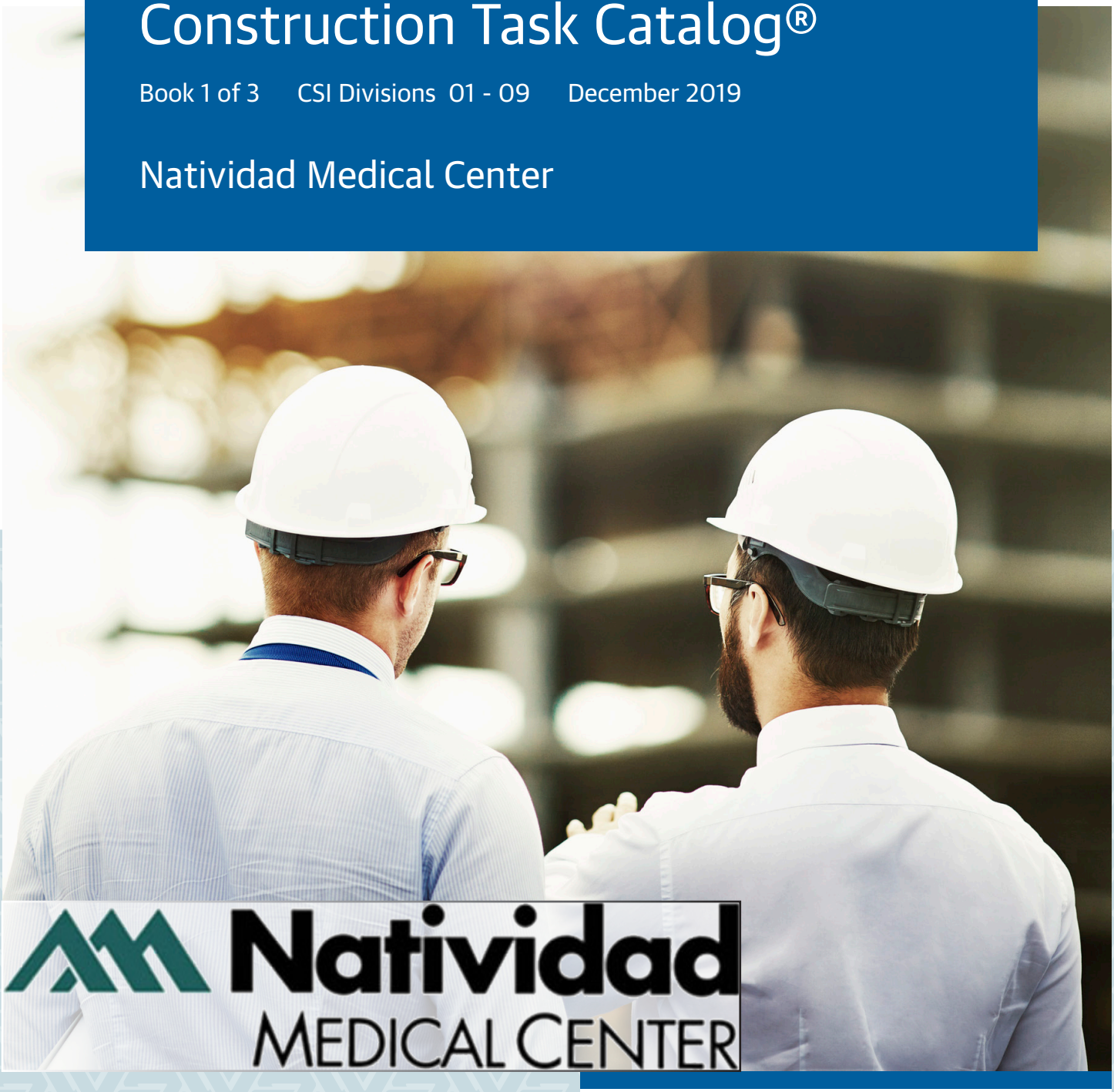
Building knowledge

Job Order Contract Construction Task Catalog®

Book 1 of 3 CSI Divisions 01 - 09 December 2019

Natividad Medical Center



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33 52 Hydrocarbon Transmission and Distribution 1
33 53 Hydrocarbon Utility Pressure Regulation 1
33 56 Hydrocarbon Storage 1
33 59 Hydrocarbon Utility Metering 1
33 60 Hydronic And Steam Energy Utilities 1
33 61 Hydronic Energy Distribution 1
33 70 Electrical Utilities 1
33 71 Electrical Utility Transmission And Distribution 1

40 Process Interconnections 1

40 05 Common Work Results For Process Interconnections 1
40 05 19 Ductile Iron Process Pipe 1
40 05 23 Stainless Steel Process Pipe and Tubing 1
40 05 41 Glass Process Pipe 1

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in December 2019.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

- ☑ The tasks in this Construction Task Catalog are organized using CSI's *MasterFormat*.

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The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.

EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

BUSINESS COSTS:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.
- ☑ Insurance and bonding.
- ☑ Profit.

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- ☑ Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- ☑ Subcontractor's overhead and profit.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

PROJECT RELATED COSTS:

- ☑ Project trailer, equipment and supplies, and portable toilets for Contractor's use.
- ☑ Project management and project supervision.
- ☑ Services required to complete project filings and obtain permits.
- ☑ Preparation and modification of sketches, drawings, submittals, as-built drawings, and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Gang boxes and storage containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner's security requirements.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- ☑ Sealing windows doors, and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow. Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Daily clean-up.
- ☑ Final professional clean-up.

PRICE VARIATIONS:

- ☑ Contractors may experience direct costs that are different than the unit prices set forth in the Construction Task Catalog. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.

SUMMARY:

- ☑ This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- ☑ The only compensation to be paid to the Contractor for unit price tasks will be:

Unit Price	X	Quantity	X	Adjustment Factor

- ☑ No additional payments of any kind whatsoever will be made.
- ☑ All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than

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2 stories, the contractor will be paid for such crane or lifting equipment as a separate task.

- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.
- ☑ Whenever there are alternative tasks that may be selected to complete work, the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

WORKING HEIGHT:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

FIELD ENGINEERING:

- ☑ Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying

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required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate tasks.

ASSEMBLIES:

- ☑ Assembly tasks take precedence over individual component tasks.

RESTRICTED AND CONFINED SPACES:

- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- ☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

TECHNICAL SPECIFICATIONS:

- ☑ Technical Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a Technical Specification shall be considered included in the unit price, unless the task description states otherwise.

Or Equals:

- ☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD**

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- Linear Feet Per Day, **LIT –** Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

☑ The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

	Material Weight (Lbs Per CY)		
Material	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

BULK FACTORS FOR DEMOLITION:

☑ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

CONVERSIONS:

1 Acre = 43,560 Square Feet = 4046.8 Square Meters

1 Board Foot = 12” x 12” x 1” = 144 Cubic Inches

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

1 Square Foot = 144 Square Inches = .0929 Square Meters

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

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1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

STANDARD GEOMETRY:

Circle

- Circumference = 2 π radius = π diameter
- Area = π radius^2 = π (diameter^2 / 4)

Cylinder

- Volume = (π radius^2)height
- Surface Area = 2 π radius^2+(2 π radius)height

Sphere

- Volume = (4 π radius^3) / 3
- Surface Area = 4 π radius^2

π = 3.14159

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

TRADEMARKS

☑ Gordian JOC Solution, JOC Complete Solution, JOC Complete Solution Plus, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, DMAP, The Standard for Job Order Contracting and 6 Phase Development and Implementation Process are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 20 Price And Payment Procedures *(01)*

01 22 Unit Prices *(01 20)*

01 22 16 Unit Price Payment *(01 22)*

01 22 16 00-0001 Reimbursable Fees *(01 22 16)*

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

01 22 16 00-0002	EA	Reimbursable Fees	1.00

Note: Reimbursable Fees will be paid to the contractor for eligible costs. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.

01 22 20 Wage Rates *(01 22)*

01 22 20 00-0001 Local Labor/Wage Rates *(01 22 20)*

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental. Supervising foreman use the craft performing the operation with the supervising foreman modifier.

01 22 20 00-0002	HR	Asbestos Removal Worker	60.76
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*3.04*
		For Apprentice, Deduct	*-12.15*
01 22 20 00-0003	HR	Insulator	95.06
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.75*
		For Apprentice, Deduct	*-19.01*
01 22 20 00-0004	HR	Boilermaker	100.51
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*5.03*
		For Apprentice, Deduct	*-20.10*
01 22 20 00-0005	HR	Brick Layer	89.60
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.48*
		For Apprentice, Deduct	*-17.92*
01 22 20 00-0006	HR	Carpenter	96.89
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.84*
		For Apprentice, Deduct	*-19.38*
01 22 20 00-0007	HR	Carpet, Linoleum	100.02
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*5.00*
		For Apprentice, Deduct	*-20.00*
01 22 20 00-0008	HR	Cement Mason	75.14
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*3.76*
		For Apprentice, Deduct	*-15.03*
01 22 20 00-0009	HR	Drywall Finisher	91.50
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.58*
		For Apprentice, Deduct	*-18.30*
01 22 20 00-0010	HR	Electrician	99.47
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.97*
		For Apprentice, Deduct	*-19.89*
01 22 20 00-0011	HR	Equipment Operator, Crane (Group 1-A)	97.12
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0012	HR	Equipment Operator, Crane (Group 2-A)	94.91
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.75*
		For Apprentice, Deduct	*-18.98*
01 22 20 00-0013	HR	Equipment Operator, Crane (Group 3-A)	92.77
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0014	HR	Equipment Operator, Medium (Group 3)	92.28
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.61*
		For Apprentice, Deduct	*-18.46*
01 22 20 00-0015	HR	Equipment Operator, Medium (Group 4)	90.54
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0016	HR	Equipment Operator, Medium (Group 5)	88.96
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0017	HR	Equipment Operator, Light (Group 6)	87.30
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
		For Supervising Foreman, Add	*4.37*
		For Apprentice, Deduct	*-17.46*
01 22 20 00-0018	HR	Equipment Operator, Light (Group 7)	85.87
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0019	HR	Equipment Operator, Light (Group 8)	84.46
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0020	HR	Glazier	100.65	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*5.03*	
		For Apprentice, Deduct	*-20.13*	
01 22 20 00-0021	HR	Laborer	70.30	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0022	HR	Lather	89.48	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.47*	
		For Apprentice, Deduct	*-17.90*	
01 22 20 00-0023	HR	Marble Setter	97.12	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.86*	
		For Apprentice, Deduct	*-19.42*	
01 22 20 00-0024	HR	Millwright	92.12	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.61*	
		For Apprentice, Deduct	*-18.42*	
01 22 20 00-0025	HR	Mold Removal Worker	73.45	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*3.67*	
		For Apprentice, Deduct	*-14.69*	
01 22 20 00-0026	HR	Painter,	85.65	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.28*	
		For Apprentice, Deduct	*-17.13*	
01 22 20 00-0027	HR	Painter, Structural Steel	88.06	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.40*	
		For Apprentice, Deduct	*-17.61*	
01 22 20 00-0028	HR	Paperhanger	87.04	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.35*	
		For Apprentice, Deduct	*-17.41*	
01 22 20 00-0029	HR	Pile Drivers	105.25	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*5.26*	
		For Apprentice, Deduct	*-21.05*	
01 22 20 00-0030	HR	Plasterer	89.99	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.50*	
		For Apprentice, Deduct	*-18.00*	
01 22 20 00-0031	HR	Plumber	96.64	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.83*	
		For Apprentice, Deduct	*-19.33*	
01 22 20 00-0032	HR	Powderman	74.10	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*3.71*	
		For Apprentice, Deduct	*-14.82*	
01 22 20 00-0033	HR	Rodman (Reinforcing)/Ornamental Steel Worker	86.47	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.32*	
		For Apprentice, Deduct	*-17.29*	
01 22 20 00-0034	HR	Roofer, Composite	90.85	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.54*	
		For Apprentice, Deduct	*-18.17*	
01 22 20 00-0035	HR	Roofer, Metal	125.14	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*6.26*	
		For Apprentice, Deduct	*-25.03*	
01 22 20 00-0036	HR	Roofer, Tile/Slate	90.85	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.54*	
		For Apprentice, Deduct	*-18.17*	
01 22 20 00-0037	HR	Sheet Metal Worker	103.19	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*5.16*	
		For Apprentice, Deduct	*-20.64*	
01 22 20 00-0038	HR	Sprinkler Installer	74.59	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*3.73*	
		For Apprentice, Deduct	*-14.92*	
01 22 20 00-0039	HR	Steam / Pipe Fitter	96.64	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.83*	
		For Apprentice, Deduct	*-19.33*	
01 22 20 00-0040	HR	Stone Mason	89.60	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.48*	
		For Apprentice, Deduct	*-17.92*	
01 22 20 00-0041	HR	Iron Worker (Structural)	89.68	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.48*	
		For Apprentice, Deduct	*-17.94*	
01 22 20 00-0042	HR	Tile Layer	84.36	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Supervising Foreman, Add	*4.22*	
		For Apprentice, Deduct	*-16.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0043	HR	Terrazzo Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	86.73	
		For Supervising Foreman, Add	*4.34*	
		For Apprentice, Deduct	*-17.35*	
01 22 20 00-0044	HR	Truck Driver, Light (Group 1) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	74.23	
		For Supervising Foreman, Add	*3.71*	
		For Apprentice, Deduct	*-14.85*	

01 22 20 00-0045 Rates For Services *(01 22 20)*

01 22 20 00-0046	HR	Watchman/Guard, Unarmed	29.77	
01 22 20 00-0047	HR	Watchman/Guard, Armed	36.94	
01 22 20 00-0048	HR	Senior Surveyor (Party Chief)	101.06	
01 22 20 00-0049	HR	Surveyor (Instrument person)	96.47	
01 22 20 00-0050	HR	Surveyor (Rod person)	92.18	
01 22 20 00-0051	HR	On-Site Certified Materials Testing Technician	83.72	
01 22 20 00-0052	HR	Certified Industrial Hygienist	113.18	
01 22 20 00-0053	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera) Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.	0.58	
01 22 20 00-0054	HR	Locksmith Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	0.00	
01 22 20 00-0055	HR	Fire Watch Laborer	70.30	

01 22 20 00-0056 Rates For Architectural And Engineering Services *(01 22 20)*

Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.

01 22 20 00-0057	HR	Principal Architect	205.00	
01 22 20 00-0058	HR	Senior Architect	180.00	
01 22 20 00-0059	HR	Architect	136.88	
01 22 20 00-0060	HR	Principal Engineer	205.00	
01 22 20 00-0061	HR	Senior Engineer	154.38	
01 22 20 00-0062	HR	Engineer	123.75	
01 22 20 00-0063	HR	Draftsman	73.12	
01 22 20 00-0064	HR	Project Manager	116.25	

01 22 20 00-0065 Rates For Traffic Control *(01 22 20)*

01 22 20 00-0066	HR	Flagperson For Traffic Control	70.30	

01 22 20 00-0067 Mobilize Equipment *(01 22 20)*

01 22 20 00-0068	HR	Escort Vehicle With Driver	79.10	
01 22 20 00-0069	HR	Transport Vehicle With Driver	105.70	

01 22 23 Equipment Usage *(01 22)*

Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 22 20 00-0065 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0001 Aerial Equipment *(01 22 23)*

01 22 23 00-0002 Man Lifts *(01 22 23 00-0001)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0003 Telescoping Boom Man Lifts With Platform *(01 22 23 00-0002)*

01 22 23 00-0004 Engine Powered, Telescoping Boom Man Lifts With Platform *(01 22 23 00-0003)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Man Lift With Platform	430.71	
		For Four-Wheel Drive, Add	*96.91*	
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Man Lift With Platform	1,083.73	
		For Four-Wheel Drive, Add	*243.84*	
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Man Lift With Platform	2,431.45	
		For Four-Wheel Drive, Add	*547.08*	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Man Lift With Platform	632.18	
		For Four-Wheel Drive, Add	*142.24*	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Man Lift With Platform	1,507.50	
		For Four-Wheel Drive, Add	*339.19*	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Man Lift With Platform	3,299.82	
		For Four-Wheel Drive, Add	*742.46*	
01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Man Lift With Platform	1,229.62	
		For Four-Wheel Drive, Add	*276.66*	
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Man Lift With Platform	2,980.26	
		For Four-Wheel Drive, Add	*670.56*	
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Man Lift With Platform	6,252.30	
		For Four-Wheel Drive, Add	*1,406.77*	
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Man Lift With Platform	1,750.64	
		For Four-Wheel Drive, Add	*393.89*	
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Man Lift With Platform	4,215.44	
		For Four-Wheel Drive, Add	*948.47*	
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Man Lift With Platform	10,503.86	
		For Four-Wheel Drive, Add	*2,363.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Man Lift With Platform	2,132.73	
		For Four-Wheel Drive, Add	*479.86*	
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Man Lift With Platform	5,439.50	
		For Four-Wheel Drive, Add	*1,223.89*	
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Man Lift With Platform	12,365.66	
		For Four-Wheel Drive, Add	*2,782.27*	

01 22 23 00-0020 Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0002)*

01 22 23 00-0021 Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	271.67	
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	681.65	
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,639.91	
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	345.76	
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	755.74	
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,876.02	
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	444.56	
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,027.42	
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,296.87	
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	775.50	
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,827.62	
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	4,444.56	
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,506.55	
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,556.44	
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	8,693.52	

01 22 23 00-0037 Electric, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: For use on paved surfaces.

01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	271.67	
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	681.65	
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,639.91	
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	271.67	
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	681.65	
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,639.91	
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	335.89	
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	726.11	
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,802.92	
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	335.89	
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	726.11	
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,802.92	

01 22 23 00-0050 Platform Lifts *(01 22 23 00-0001)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0051 Electric, Scissor Platform Lifts *(01 22 23 00-0050)*

Note: For use on paved surfaces.

01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift	166.14	
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift	332.29	
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift	679.68	
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift	181.25	
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift	362.50	
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift	724.99	
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift	234.11	
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift	468.22	
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift	1,004.42	
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift	302.08	
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift	596.61	
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift	1,321.60	
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift	324.74	
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift	634.37	
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift	1,434.88	
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift	422.91	
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift	1,049.73	
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift	2,922.62	

01 22 23 00-0070 Engine Powered, Scissor Platform Lifts *(01 22 23 00-0050)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0071	DAY	25' Engine Powered, Scissor Platform Lift	339.84	
		For Four-Wheel Drive, Add	*67.97*	
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift	664.58	
		For Four-Wheel Drive, Add	*132.92*	
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift	1,623.68	
		For Four-Wheel Drive, Add	*324.74*	
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift	347.39	
		For Four-Wheel Drive, Add	*69.48*	
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift	792.96	
		For Four-Wheel Drive, Add	*158.59*	
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift	1,736.96	
		For Four-Wheel Drive, Add	*347.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift	385.15	
		For Four-Wheel Drive, Add	*77.03*	
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift	883.58	
		For Four-Wheel Drive, Add	*176.72*	
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift	1,963.52	
		For Four-Wheel Drive, Add	*392.70*	
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift	407.81	
		For Four-Wheel Drive, Add	*81.56*	
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift	951.55	
		For Four-Wheel Drive, Add	*190.31*	
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift	2,341.12	
		For Four-Wheel Drive, Add	*468.22*	
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift	762.75	
		For Four-Wheel Drive, Add	*152.55*	
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift	1,676.54	
		For Four-Wheel Drive, Add	*335.31*	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift	4,123.39	
		For Four-Wheel Drive, Add	*824.68*	

01 22 23 00-0086 Personnel Lifts *(01 22 23 00-0001)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.

01 22 23 00-0087	DAY	24', Push-Type, Electric Single Man Personnel Lift	104.99	
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift	297.48	
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift	600.80	
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift	145.82	
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift	309.15	
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift	1,049.94	
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift	244.99	
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift	594.97	
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift	1,738.23	
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift	262.48	
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift	653.30	
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift	1,965.72	
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift	139.99	
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift	279.98	
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift	559.97	
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift	139.99	
01 22 23 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift	279.98	
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift	582.13	

01 22 23 00-0105 Bucket Trucks *(01 22 23 00-0001)*

Note: Includes full-time operator, delivery, and removal.

01 22 23 00-0106	DAY	29' Bucket Truck With Full-Time Operator	1,116.06	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-0107	WK	29' Bucket Truck With Full-Time Operator	4,549.07	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-0108	MO	29' Bucket Truck With Full-Time Operator	16,877.97	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-0109	DAY	38' Bucket Truck With Full-Time Operator	1,181.69	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-0110	WK	38' Bucket Truck With Full-Time Operator	4,760.00	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-0111	MO	38' Bucket Truck With Full-Time Operator	17,440.47	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-0112	DAY	48' Bucket Truck With Full-Time Operator	1,350.44	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-0113	WK	48' Bucket Truck With Full-Time Operator	5,064.69	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-0114	MO	48' Bucket Truck With Full-Time Operator	18,096.72	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-0115	DAY	62' Bucket Truck With Full-Time Operator	1,725.44	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-0116	WK	62' Bucket Truck With Full-Time Operator	6,283.44	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-0117	MO	62' Bucket Truck With Full-Time Operator	21,377.97	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-0118	DAY	85' Bucket Truck With Full-Time Operator	1,912.94	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-0119	WK	85' Bucket Truck With Full-Time Operator	6,939.69	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-0120	MO	85' Bucket Truck With Full-Time Operator	23,721.72	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-0121	Day	105' Bucket Truck With Full-Time Operator	2,006.69	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-0122	WK	105' Bucket Truck With Full-Time Operator	7,220.94	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-0123	MO	105' Bucket Truck With Full-Time Operator	23,946.73	
		For Equipment Without Operator, Deduct	*-12,940.48*	

01 22 23 00-0124 Air Equipment *(01 22 23)*

01 22 23 00-0125 Air Compressors *(01 22 23 00-0124)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0126	DAY	100 CFM Diesel Powered Portable Air Compressor	161.34	
01 22 23 00-0127	WK	100 CFM Diesel Powered Portable Air Compressor	484.02	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0128	MO	100 CFM Diesel Powered Portable Air Compressor	1,344.50	
01 22 23 00-0129	DAY	130 CFM Diesel Powered Portable Air Compressor	193.61	
01 22 23 00-0130	WK	130 CFM Diesel Powered Portable Air Compressor	570.07	
01 22 23 00-0131	MO	130 CFM Diesel Powered Portable Air Compressor	1,613.40	
01 22 23 00-0132	DAY	185 CFM Diesel Powered Portable Air Compressor	258.14	
01 22 23 00-0133	WK	185 CFM Diesel Powered Portable Air Compressor	580.82	
01 22 23 00-0134	MO	185 CFM Diesel Powered Portable Air Compressor	1,279.96	
01 22 23 00-0135	DAY	375 CFM Diesel Powered Portable Air Compressor	365.70	
01 22 23 00-0136	WK	375 CFM Diesel Powered Portable Air Compressor	925.02	
01 22 23 00-0137	MO	375 CFM Diesel Powered Portable Air Compressor	2,204.98	
01 22 23 00-0138	DAY	600 CFM Diesel Powered Portable Air Compressor	813.15	
01 22 23 00-0139	WK	600 CFM Diesel Powered Portable Air Compressor	1,957.59	
01 22 23 00-0140	MO	600 CFM Diesel Powered Portable Air Compressor	4,878.92	
01 22 23 00-0141	DAY	750 CFM Diesel Powered Portable Air Compressor	978.80	
01 22 23 00-0142	WK	750 CFM Diesel Powered Portable Air Compressor	2,409.34	
01 22 23 00-0143	MO	750 CFM Diesel Powered Portable Air Compressor	5,915.80	
01 22 23 00-0144	DAY	825 CFM Diesel Powered Portable Air Compressor	978.80	
01 22 23 00-0145	WK	825 CFM Diesel Powered Portable Air Compressor	2,409.34	
01 22 23 00-0146	MO	825 CFM Diesel Powered Portable Air Compressor	5,915.80	
01 22 23 00-0147	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,140.14	
01 22 23 00-0148	WK	1,300 CFM Diesel Powered Portable Air Compressor	2,555.63	
01 22 23 00-0149	MO	1,300 CFM Diesel Powered Portable Air Compressor	6,815.00	
01 22 23 00-0150	DAY	1,600 CFM Diesel Powered Portable Air Compressor	1,419.79	
01 22 23 00-0151	WK	1,600 CFM Diesel Powered Portable Air Compressor	3,194.53	
01 22 23 00-0152	MO	1,600 CFM Diesel Powered Portable Air Compressor	8,518.75	

01 22 23 00-0153 Negative Air Machines *(01 22 23 00-0124)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0154	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter	87.42	
01 22 23 00-0155	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter	359.05	
01 22 23 00-0156	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter	1,084.96	
01 22 23 00-0157	EA	Replacement Prefilter, Dual Ply Polyester Pad For Negative Air Machine	18.93	
01 22 23 00-0158	EA	Replacement HEPA Filter, 99.99% Efficient @ 0.3 Micron For Negative Air Machine Note: For use on monthly rental units over three months	227.57	
01 22 23 00-0159	LF	Discharge Flexible Duct For Negative Air Machine	1.27	
01 22 23 00-0160	EA	Move Negative Air Equipment And Discharge Duct	28.32	

01 22 23 00-0161 Portable Air Scrubbers *(01 22 23 00-0124)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0162	DAY	200 to 1,000 CFM Portable Air Scrubber	67.37	
01 22 23 00-0163	WK	200 to 1,000 CFM Portable Air Scrubber	280.04	
01 22 23 00-0164	MO	200 to 1,000 CFM Portable Air Scrubber	775.17	
01 22 23 00-0165	DAY	>1,000 to 2,000 CFM Portable Air Scrubber	85.23	
01 22 23 00-0166	WK	>1,000 to 2,000 CFM Portable Air Scrubber	353.09	
01 22 23 00-0167	MO	>1,000 to 2,000 CFM Portable Air Scrubber	1,034.92	

01 22 23 00-0168 Compaction And Paving Equipment *(01 22 23)*

01 22 23 00-0169 Pavers And Rollers *(01 22 23 00-0168)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0170 Pavers *(01 22 23 00-0169)*

01 22 23 00-0171	DAY	10' Wide Paving Machine With Full-Time Operator	1,588.05	
		For Equipment Without Operator, Deduct		*-738.27*
01 22 23 00-0172	WK	10' Wide Paving Machine With Full-Time Operator	7,090.47	
		For Equipment Without Operator, Deduct		*-3,691.35*
01 22 23 00-0173	MO	10' Wide Paving Machine With Full-Time Operator	28,050.90	
		For Equipment Without Operator, Deduct		*-15,910.98*

01 22 23 00-0174 Ride-On Self-Propelled, Rubber Tire Rollers *(01 22 23 00-0169)*

01 22 23 00-0175	DAY	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,151.52	
		For Equipment Without Operator, Deduct		*-738.27*
01 22 23 00-0176	WK	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	4,941.25	
		For Equipment Without Operator, Deduct		*-3,691.35*
01 22 23 00-0177	MO	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	19,303.98	
		For Equipment Without Operator, Deduct		*-15,910.98*
01 22 23 00-0178	DAY	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,311.02	
		For Equipment Without Operator, Deduct		*-738.27*
01 22 23 00-0179	WK	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	6,127.35	
		For Equipment Without Operator, Deduct		*-3,691.35*
01 22 23 00-0180	MO	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	21,094.73	
		For Equipment Without Operator, Deduct		*-15,910.98*
01 22 23 00-0181	DAY	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	1,318.27	
		For Equipment Without Operator, Deduct		*-738.27*
01 22 23 00-0182	WK	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	5,656.10	
		For Equipment Without Operator, Deduct		*-3,691.35*
01 22 23 00-0183	MO	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	21,442.73	
		For Equipment Without Operator, Deduct		*-15,910.98*

01 22 23 00-0184 Ride-On Self-Propelled, Padfoot Rollers *(01 22 23 00-0169)*

01 22 23 00-0185	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,216.77	
		For Equipment Without Operator, Deduct		*-738.27*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0186	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,018.10	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0187	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	19,746.23	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0188	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,521.27	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0189	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,634.35	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0190	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	21,689.23	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0191	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,593.77	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0192	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,091.10	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0193	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	22,965.23	
		For Equipment Without Operator, Deduct	*-15,910.98*	

01 22 23 00-0194 Towed, Padfoot Rollers *(01 22 23 00-0169)*

01 22 23 00-0195	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller	137.75
01 22 23 00-0196	WK	48" Wide, 40" Diameter, Towed Padfoot Roller	398.75
01 22 23 00-0197	MO	48" Wide, 40" Diameter, Towed Padfoot Roller	1,174.50
01 22 23 00-0198	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller	174.00
01 22 23 00-0199	WK	60" Wide, 60" Diameter, Towed Padfoot Roller	485.75
01 22 23 00-0200	MO	60" Wide, 60" Diameter, Towed Padfoot Roller	2,066.25

01 22 23 00-0201 Static Rollers *(01 22 23 00-0169)*

01 22 23 00-0202	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,253.02
		For Equipment Without Operator, Deduct	*-738.27*
01 22 23 00-0203	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	5,329.85
		For Equipment Without Operator, Deduct	*-3,691.35*
01 22 23 00-0204	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	20,768.48
		For Equipment Without Operator, Deduct	*-15,910.98*
01 22 23 00-0205	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,412.52
		For Equipment Without Operator, Deduct	*-738.27*
01 22 23 00-0206	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	5,764.85
		For Equipment Without Operator, Deduct	*-3,691.35*
01 22 23 00-0207	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	21,971.98
		For Equipment Without Operator, Deduct	*-15,910.98*

01 22 23 00-0208 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers *(01 22 23 00-0169)*

01 22 23 00-0209	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,021.02
		For Equipment Without Operator, Deduct	*-738.27*
01 22 23 00-0210	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,517.85
		For Equipment Without Operator, Deduct	*-3,691.35*
01 22 23 00-0211	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	18,085.98
		For Equipment Without Operator, Deduct	*-15,910.98*
01 22 23 00-0212	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,129.77
		For Equipment Without Operator, Deduct	*-738.27*
01 22 23 00-0213	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,844.10
		For Equipment Without Operator, Deduct	*-3,691.35*
01 22 23 00-0214	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	18,955.98
		For Equipment Without Operator, Deduct	*-15,910.98*
01 22 23 00-0215	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,202.27
		For Equipment Without Operator, Deduct	*-738.27*
01 22 23 00-0216	WK	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,061.60
		For Equipment Without Operator, Deduct	*-3,691.35*
01 22 23 00-0217	MO	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	19,535.98
		For Equipment Without Operator, Deduct	*-15,910.98*
01 22 23 00-0218	DAY	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,296.52
		For Equipment Without Operator, Deduct	*-738.27*
01 22 23 00-0219	WK	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,337.10
		For Equipment Without Operator, Deduct	*-3,691.35*
01 22 23 00-0220	MO	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	20,253.73
		For Equipment Without Operator, Deduct	*-15,910.98*
01 22 23 00-0221	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,485.02
		For Equipment Without Operator, Deduct	*-738.27*
01 22 23 00-0222	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,888.10
		For Equipment Without Operator, Deduct	*-3,691.35*
01 22 23 00-0223	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	21,710.98
		For Equipment Without Operator, Deduct	*-15,910.98*

01 22 23 00-0224 Steel Roadway Plates *(01 22 23 00-0168)*

Note: 3 day minimum. Excludes delivery. See CSI section 01 71 13 00-0001 for material delivery on truck.

01 22 23 00-0225	EA	Mobilization of Steel Roadway Plates Note: Mobilization for each site location.	381.40
01 22 23 00-0226	EA	Place And Remove Steel Roadway Plates	44.03
01 22 23 00-0227	DAY	1" x 4' x 8' Steel Plate	24.47
01 22 23 00-0228	WK	1" x 4' x 8' Steel Plate	57.77
01 22 23 00-0229	MO	1" x 4' x 8' Steel Plate	76.03
01 22 23 00-0230	DAY	1" x 4' x 10' Steel Plate	32.63
01 22 23 00-0231	WK	1" x 4' x 10' Steel Plate	73.41
01 22 23 00-0232	MO	1" x 4' x 10' Steel Plate	89.72
01 22 23 00-0233	DAY	1" x 5' x 10' Steel Plate	33.98

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0234	WK	1" x 5' x 10' Steel Plate	76.81	
01 22 23 00-0235	MO	1" x 5' x 10' Steel Plate	203.91	
01 22 23 00-0236	DAY	1" x 6' x 8' Steel Plate	21.75	
01 22 23 00-0237	WK	1" x 6' x 8' Steel Plate	48.94	
01 22 23 00-0238	MO	1" x 6' x 8' Steel Plate	130.50	
01 22 23 00-0239	DAY	1" x 6' x 10' Steel Plate	40.78	
01 22 23 00-0240	WK	1" x 6' x 10' Steel Plate	53.70	
01 22 23 00-0241	MO	1" x 6' x 10' Steel Plate	143.42	
01 22 23 00-0242	DAY	1" x 6' x 12' Steel Plate	57.09	
01 22 23 00-0243	WK	1" x 6' x 12' Steel Plate	73.07	
01 22 23 00-0244	MO	1" x 6' x 12' Steel Plate	197.79	
01 22 23 00-0245	DAY	1" x 8' x 10' Steel Plate	36.02	
01 22 23 00-0246	WK	1" x 8' x 10' Steel Plate	80.88	
01 22 23 00-0247	MO	1" x 8' x 10' Steel Plate	215.46	
01 22 23 00-0248	DAY	1" x 8' x 12' Steel Plate	65.25	
01 22 23 00-0249	WK	1" x 8' x 12' Steel Plate	80.88	
01 22 23 00-0250	MO	1" x 8' x 12' Steel Plate	391.51	
01 22 23 00-0251	DAY	1" x 8' x 16' Steel Plate	87.00	
01 22 23 00-0252	WK	1" x 8' x 16' Steel Plate	195.75	
01 22 23 00-0253	MO	1" x 8' x 16' Steel Plate	522.01	
01 22 23 00-0254	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	1.77	0.87
01 22 23 00-0255	EA	Remove And Reset Steel Roadway Plate	24.46	

01 22 23 00-0256 Street Sweepers *(01 22 23 00-0168)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0257	DAY	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	903.44
		For Equipment Without Operator, Deduct	*-698.40*
01 22 23 00-0258	WK	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	4,304.49
		For Equipment Without Operator, Deduct	*-3,491.99*
01 22 23 00-0259	MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	17,946.45
		For Equipment Without Operator, Deduct	*-15,051.69*
01 22 23 00-0260	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	1,642.76
		For Equipment Without Operator, Deduct	*-698.40*
01 22 23 00-0261	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	7,274.66
		For Equipment Without Operator, Deduct	*-3,491.99*
01 22 23 00-0262	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	28,551.13
		For Equipment Without Operator, Deduct	*-15,051.69*

01 22 23 00-0263 Earthmoving Equipment *(01 22 23)*

01 22 23 00-0264 Skid-Steer Loaders *(01 22 23 00-0263)*

Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.

01 22 23 00-0265	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	947.68
		For Equipment Without Operator, Deduct	*-698.40*
01 22 23 00-0266	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	4,145.95
		For Equipment Without Operator, Deduct	*-3,491.99*
01 22 23 00-0267	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	16,626.62
		For Equipment Without Operator, Deduct	*-15,051.69*
01 22 23 00-0268	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,013.39
		For Equipment Without Operator, Deduct	*-698.40*
01 22 23 00-0269	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	4,264.85
		For Equipment Without Operator, Deduct	*-3,491.99*
01 22 23 00-0270	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	16,887.37
		For Equipment Without Operator, Deduct	*-15,051.69*
01 22 23 00-0271	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,032.16
		For Equipment Without Operator, Deduct	*-698.40*
01 22 23 00-0272	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	4,435.91
		For Equipment Without Operator, Deduct	*-3,491.99*
01 22 23 00-0273	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	17,341.07
		For Equipment Without Operator, Deduct	*-15,051.69*
01 22 23 00-0274	DAY	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,105.17
		For Equipment Without Operator, Deduct	*-698.40*
01 22 23 00-0275	WK	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	4,675.79
		For Equipment Without Operator, Deduct	*-3,491.99*
01 22 23 00-0276	MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	18,133.75
		For Equipment Without Operator, Deduct	*-15,051.69*
01 22 23 00-0277	DAY	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,230.33
		For Equipment Without Operator, Deduct	*-698.40*
01 22 23 00-0278	WK	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	5,150.36
		For Equipment Without Operator, Deduct	*-3,491.99*
01 22 23 00-0279	MO	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	19,301.91
		For Equipment Without Operator, Deduct	*-15,051.69*
01 22 23 00-0280	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	208.60
01 22 23 00-0281	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	693.60
01 22 23 00-0282	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	1,846.11
01 22 23 00-0283	DAY	Forklift Attachment For Skid-Steer Loaders	44.85
01 22 23 00-0284	WK	Forklift Attachment For Skid-Steer Loaders	119.94
01 22 23 00-0285	MO	Forklift Attachment For Skid-Steer Loaders	338.98
01 22 23 00-0286	DAY	Backhoe Attachment For Skid-Steer Loaders	99.08
01 22 23 00-0287	WK	Backhoe Attachment For Skid-Steer Loaders	237.80
01 22 23 00-0288	MO	Backhoe Attachment For Skid-Steer Loaders	591.38
01 22 23 00-0289	DAY	Broom Attachment For Skid-Steer Loaders	98.04

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0290	WK	Broom Attachment For Skid-Steer Loaders	265.96	
01 22 23 00-0291	MO	Broom Attachment For Skid-Steer Loaders	704.02	
01 22 23 00-0292	DAY	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	85.53	
01 22 23 00-0293	WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	235.72	
01 22 23 00-0294	MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	643.53	
01 22 23 00-0295	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	23.57	
01 22 23 00-0296	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	61.67	
01 22 23 00-0297	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	181.39	
01 22 23 00-0298	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	31.74	
01 22 23 00-0299	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	78.90	
01 22 23 00-0300	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	235.81	
01 22 23 00-0301	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	46.25	
01 22 23 00-0302	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	140.59	
01 22 23 00-0303	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	417.20	
01 22 23 00-0304	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	9.39	
01 22 23 00-0305	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	21.90	
01 22 23 00-0306	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	58.41	

01 22 23 00-0307 Bulldozers *(01 22 23 00-0263)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0308	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,055.82	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0309	WK	70 HP, D3 Bulldozer With Full-Time Operator	4,943.57	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0310	MO	70 HP, D3 Bulldozer With Full-Time Operator	19,625.71	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0311	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,205.61	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0312	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	5,548.71	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0313	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	21,483.08	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0314	DAY	140 HP, D6 Bulldozer With Full-Time Operator	1,631.00	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0315	WK	140 HP, D6 Bulldozer With Full-Time Operator	7,250.30	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0316	MO	140 HP, D6 Bulldozer With Full-Time Operator	26,575.85	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0317	DAY	200 HP, D7 Bulldozer With Full-Time Operator	2,008.47	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0318	WK	200 HP, D7 Bulldozer With Full-Time Operator	8,766.15	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0319	MO	200 HP, D7 Bulldozer With Full-Time Operator	31,129.39	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0320	DAY	335 HP, D8 Bulldozer With Full-Time Operator	2,457.83	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0321	WK	335 HP, D8 Bulldozer With Full-Time Operator	10,563.60	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0322	MO	335 HP, D8 Bulldozer With Full-Time Operator	36,521.74	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0323	DAY	460 HP, D9 Bulldozer With Full-Time Operator	2,709.47	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0324	WK	460 HP, D9 Bulldozer With Full-Time Operator	11,564.18	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0325	MO	460 HP, D9 Bulldozer With Full-Time Operator	39,517.49	
		For Equipment Without Operator, Deduct	*-15,910.98*	

01 22 23 00-0326 Hydraulic Excavators *(01 22 23 00-0263)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0327	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,088.73	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0328	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	4,930.94	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0329	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	20,064.58	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0330	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	1,187.38	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0331	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	5,365.77	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0332	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	21,803.90	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0333	DAY	5/8 CY Hydraulic Excavator With Full-Time Operator	1,218.53	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0334	WK	5/8 CY Hydraulic Excavator With Full-Time Operator	5,528.02	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0335	MO	5/8 CY Hydraulic Excavator With Full-Time Operator	22,089.46	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0336	DAY	3/4 CY Hydraulic Excavator With Full-Time Operator	1,250.98	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0337	WK	3/4 CY Hydraulic Excavator With Full-Time Operator	5,677.29	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0338	MO	3/4 CY Hydraulic Excavator With Full-Time Operator	22,375.02	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0339	DAY	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,276.94	
		For Equipment Without Operator, Deduct	*-738.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0340	WK	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	5,833.05	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0341	MO	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	22,660.58	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0342	DAY	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,627.40	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0343	WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	7,228.40	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0344	MO	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	26,522.13	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0345	DAY	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	1,679.32	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0346	WK	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	7,455.55	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0347	MO	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	27,203.58	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0348	DAY	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	1,776.67	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0349	WK	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	7,844.95	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0350	MO	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	28,371.78	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0351	DAY	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	1,887.00	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0352	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	8,279.78	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0353	MO	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	29,669.78	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0354	DAY	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	1,919.45	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0355	WK	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	8,409.58	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0356	MO	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	30,059.18	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0357	DAY	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	2,230.97	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0358	WK	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	9,662.15	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0359	MO	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	33,823.38	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0360	DAY	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	2,678.78	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0361	WK	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	11,440.41	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0362	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	39,145.18	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0363	DAY	Thumbs Or Grapple Attachment For Hydraulic Excavators	90.86	
01 22 23 00-0364	WK	Thumbs Or Grapple Attachment For Hydraulic Excavators	350.46	
01 22 23 00-0365	MO	Thumbs Or Grapple Attachment For Hydraulic Excavators	1,038.40	
01 22 23 00-0366	DAY	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	402.38	
01 22 23 00-0367	WK	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,064.36	
01 22 23 00-0368	MO	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,978.91	
01 22 23 00-0369	DAY	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	623.04	
01 22 23 00-0370	WK	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,590.05	
01 22 23 00-0371	MO	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	4,134.13	
01 22 23 00-0372	DAY	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	869.66	
01 22 23 00-0373	WK	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,342.89	
01 22 23 00-0374	MO	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	6,567.88	
01 22 23 00-0375	DAY	24" Compaction Wheel Attachment For Hydraulic Excavators	181.72	
01 22 23 00-0376	WK	24" Compaction Wheel Attachment For Hydraulic Excavators	726.88	
01 22 23 00-0377	MO	24" Compaction Wheel Attachment For Hydraulic Excavators	2,180.64	
01 22 23 00-0378	DAY	36" Compaction Wheel Attachment For Hydraulic Excavators	259.60	
01 22 23 00-0379	WK	36" Compaction Wheel Attachment For Hydraulic Excavators	1,038.40	
01 22 23 00-0380	MO	36" Compaction Wheel Attachment For Hydraulic Excavators	3,115.20	
01 22 23 00-0381	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	285.56	
01 22 23 00-0382	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	1,129.26	
01 22 23 00-0383	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	3,374.80	

01 22 23 00-0384 Mini-Excavators *(01 22 23 00-0263)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0385	DAY	2,000 LB Mini-Excavator With Full-Time Operator	1,010.85	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0386	WK	2,000 LB Mini-Excavator With Full-Time Operator	4,463.66	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0387	MO	2,000 LB Mini-Excavator With Full-Time Operator	17,611.36	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0388	DAY	3,500 LB Mini-Excavator With Full-Time Operator	1,017.34	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0389	WK	3,500 LB Mini-Excavator With Full-Time Operator	4,483.13	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0390	MO	3,500 LB Mini-Excavator With Full-Time Operator	18,020.23	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0391	DAY	6,000 LB Mini-Excavator With Full-Time Operator	1,049.79	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0392	WK	6,000 LB Mini-Excavator With Full-Time Operator	4,573.99	
		For Equipment Without Operator, Deduct	*-3,691.35*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0393	MO	6,000 LB Mini-Excavator With Full-Time Operator	18,078.64	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0394	DAY	7,500 LB Mini-Excavator With Full-Time Operator	1,062.77	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0395	WK	7,500 LB Mini-Excavator With Full-Time Operator	4,619.42	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0396	MO	7,500 LB Mini-Excavator With Full-Time Operator	18,104.60	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0397	DAY	9,500 LB Mini-Excavator With Full-Time Operator	1,140.65	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0398	WK	9,500 LB Mini-Excavator With Full-Time Operator	4,684.32	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0399	MO	9,500 LB Mini-Excavator With Full-Time Operator	18,857.44	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0400	DAY	11,000 LB Mini-Excavator With Full-Time Operator	1,147.14	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0401	WK	11,000 LB Mini-Excavator With Full-Time Operator	5,008.82	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0402	MO	11,000 LB Mini-Excavator With Full-Time Operator	18,889.89	
		For Equipment Without Operator, Deduct	*-15,910.98*	

01 22 23 00-0403 Loader-Backhoes With Standard Bucket *(01 22 23 00-0263)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0404	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	1,119.21	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0405	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	4,596.08	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0406	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	18,040.16	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0407	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	1,160.03	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0408	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	4,738.93	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0409	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	18,910.88	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0410	DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	1,222.95	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0411	WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	4,895.39	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0412	MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	19,359.85	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0413	DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	1,503.55	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0414	WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	5,732.10	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0415	MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	21,754.33	
		For Equipment Without Operator, Deduct	*-15,910.98*	

01 22 23 00-0416 Heavy Duty Construction Loaders *(01 22 23 00-0263)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0417	DAY	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	1,120.53	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0418	WK	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	5,202.77	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0419	MO	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	20,439.35	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0420	DAY	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	1,438.11	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0421	WK	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	5,549.75	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0422	MO	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	20,615.78	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0423	DAY	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	1,508.68	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0424	WK	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	5,737.94	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0425	MO	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	21,086.26	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0426	DAY	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	1,702.75	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0427	WK	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	6,249.59	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0428	MO	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	22,380.08	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0429	DAY	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	2,202.64	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0430	WK	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	9,537.06	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0431	MO	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	33,436.36	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0432	DAY	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	5,495.94	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0433	WK	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	19,140.57	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0434	MO	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	58,014.29	
		For Equipment Without Operator, Deduct	*-15,910.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0435		**Shoring** *(01 22 23 00-0263)* Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0436		**Aluminum Hydraulic Shoring** *(01 22 23 00-0435)* Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.		
01 22 23 00-0437	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	58.46	
01 22 23 00-0438	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	172.44	
01 22 23 00-0439	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	78.43	
01 22 23 00-0440	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	231.33	
01 22 23 00-0441	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	145.43	
01 22 23 00-0442	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	429.01	
01 22 23 00-0443	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	22.13	
01 22 23 00-0444	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	35.41	
01 22 23 00-0445	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	59.01	
01 22 23 00-0446		**Trench Boxes/Trench Shields** *(01 22 23 00-0263)* Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.		
01 22 23 00-0447	WK	4' x 6' Trench Box With Up To 48" Spreaders	170.50	
01 22 23 00-0448	MO	4' x 6' Trench Box With Up To 48" Spreaders	511.50	
01 22 23 00-0449	WK	6' x 6' Trench Box With Up To 48" Spreaders	192.50	
01 22 23 00-0450	MO	6' x 6' Trench Box With Up To 48" Spreaders	577.50	
01 22 23 00-0451	WK	8' x 6' Trench Box With Up To 48" Spreaders	203.50	
01 22 23 00-0452	MO	8' x 6' Trench Box With Up To 48" Spreaders	610.50	
01 22 23 00-0453	WK	4' x 8' Trench Box With Up To 48" Spreaders	187.00	
01 22 23 00-0454	MO	4' x 8' Trench Box With Up To 48" Spreaders	561.00	
01 22 23 00-0455	WK	6' x 8' Trench Box With Up To 48" Spreaders	220.00	
01 22 23 00-0456	MO	6' x 8' Trench Box With Up To 48" Spreaders	660.00	
01 22 23 00-0457	WK	8' x 8' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0458	MO	8' x 8' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0459	WK	4' x 10' Trench Box With Up To 48" Spreaders	209.00	
01 22 23 00-0460	MO	4' x 10' Trench Box With Up To 48" Spreaders	627.00	
01 22 23 00-0461	WK	6' x 10' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0462	MO	6' x 10' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0463	WK	8' x 10' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0464	MO	8' x 10' Trench Box With Up To 48" Spreaders	902.00	
01 22 23 00-0465	WK	4' x 12' Trench Box With Up To 48" Spreaders	247.50	
01 22 23 00-0466	MO	4' x 12' Trench Box With Up To 48" Spreaders	742.50	
01 22 23 00-0467	WK	6' x 12' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0468	MO	6' x 12' Trench Box With Up To 48" Spreaders	907.50	
01 22 23 00-0469	WK	8' x 12' Trench Box With Up To 48" Spreaders	385.00	
01 22 23 00-0470	MO	8' x 12' Trench Box With Up To 48" Spreaders	1,155.00	
01 22 23 00-0471	WK	4' x 14' Trench Box With Up To 48" Spreaders	275.00	
01 22 23 00-0472	MO	4' x 14' Trench Box With Up To 48" Spreaders	825.00	
01 22 23 00-0473	WK	6' x 14' Trench Box With Up To 48" Spreaders	357.50	
01 22 23 00-0474	MO	6' x 14' Trench Box With Up To 48" Spreaders	1,072.50	
01 22 23 00-0475	WK	8' x 14' Trench Box With Up To 48" Spreaders	440.00	
01 22 23 00-0476	MO	8' x 14' Trench Box With Up To 48" Spreaders	1,320.00	
01 22 23 00-0477	WK	4' x 16' Trench Box With Up To 48" Spreaders	302.50	
01 22 23 00-0478	MO	4' x 16' Trench Box With Up To 48" Spreaders	907.50	
01 22 23 00-0479	WK	6' x 16' Trench Box With Up To 48" Spreaders	412.50	
01 22 23 00-0480	MO	6' x 16' Trench Box With Up To 48" Spreaders	1,237.50	
01 22 23 00-0481	WK	8' x 16' Trench Box With Up To 48" Spreaders	495.00	
01 22 23 00-0482	MO	8' x 16' Trench Box With Up To 48" Spreaders	1,485.00	
01 22 23 00-0483	WK	4' x 20' Trench Box With Up To 48" Spreaders	357.50	
01 22 23 00-0484	MO	4' x 20' Trench Box With Up To 48" Spreaders	1,072.50	
01 22 23 00-0485	WK	6' x 20' Trench Box With Up To 48" Spreaders	495.00	
01 22 23 00-0486	MO	6' x 20' Trench Box With Up To 48" Spreaders	1,485.00	
01 22 23 00-0487	WK	8' x 20' Trench Box With Up To 48" Spreaders	577.50	
01 22 23 00-0488	MO	8' x 20' Trench Box With Up To 48" Spreaders	1,732.50	
01 22 23 00-0489	WK	4' x 24' Trench Box With Up To 48" Spreaders	495.00	
01 22 23 00-0490	MO	4' x 24' Trench Box With Up To 48" Spreaders	1,485.00	
01 22 23 00-0491	WK	6' x 24' Trench Box With Up To 48" Spreaders	605.00	
01 22 23 00-0492	MO	6' x 24' Trench Box With Up To 48" Spreaders	1,815.00	
01 22 23 00-0493	WK	8' x 24' Trench Box With Up To 48" Spreaders	660.00	
01 22 23 00-0494	MO	8' x 24' Trench Box With Up To 48" Spreaders	1,980.00	
01 22 23 00-0495	WK	For Spreaders >48" To 84", Add	16.50	
01 22 23 00-0496	MO	For Spreaders >48" To 84", Add	49.50	
01 22 23 00-0497	WK	For Spreaders >84" To 120", Add	99.00	
01 22 23 00-0498	MO	For Spreaders >84" To 120", Add	297.00	
01 22 23 00-0499	WK	For Spreaders >120", Add	209.00	
01 22 23 00-0500	MO	For Spreaders >120", Add	627.00	
01 22 23 00-0501	WK	8' x 4' Manhole Box	259.88	
01 22 23 00-0502	MO	8' x 4' Manhole Box	779.63	
01 22 23 00-0503	WK	8' x 8' Manhole Box	371.25	
01 22 23 00-0504	MO	8' x 8' Manhole Box	1,113.75	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 22 23 00-0505 Trenchers *(01 22 23 00-0263)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0506	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,068.93	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0507	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	4,817.65	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0508	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	19,010.88	
		For Equipment Without Operator, Deduct	*-15,910.98*	
01 22 23 00-0509	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,626.91	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0510	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	6,698.25	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0511	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	24,177.38	
		For Equipment Without Operator, Deduct	*-15,910.98*	

01 22 23 00-0512 Heavy Equipment (Wood Ground Protection) Mats *(01 22 23 00-0263)*

Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0263 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0513	DAY	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	15.84	
01 22 23 00-0514	WK	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	37.71	
01 22 23 00-0515	MO	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	79.20	
01 22 23 00-0516	DAY	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	16.63	
01 22 23 00-0517	WK	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	39.60	
01 22 23 00-0518	MO	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	83.16	
01 22 23 00-0519	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	13.46	
01 22 23 00-0520	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	31.68	
01 22 23 00-0521	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	67.32	
01 22 23 00-0522	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	15.05	
01 22 23 00-0523	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	35.64	
01 22 23 00-0524	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	75.24	
01 22 23 00-0525	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	16.63	
01 22 23 00-0526	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	39.60	
01 22 23 00-0527	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	83.16	
01 22 23 00-0528	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	18.22	
01 22 23 00-0529	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	43.37	
01 22 23 00-0530	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	91.08	
01 22 23 00-0531	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	14.26	
01 22 23 00-0532	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	39.60	
01 22 23 00-0533	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	71.28	
01 22 23 00-0534	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	16.63	
01 22 23 00-0535	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	39.60	
01 22 23 00-0536	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	83.16	
01 22 23 00-0537	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	19.80	
01 22 23 00-0538	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	43.56	
01 22 23 00-0539	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	99.00	
01 22 23 00-0540	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	21.38	
01 22 23 00-0541	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	50.91	
01 22 23 00-0542	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	106.92	
01 22 23 00-0543	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	22.97	
01 22 23 00-0544	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	54.69	
01 22 23 00-0545	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	114.84	
01 22 23 00-0546	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	23.76	
01 22 23 00-0547	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	56.57	
01 22 23 00-0548	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	118.80	
01 22 23 00-0549	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	7.62	
01 22 23 00-0550	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.05	
01 22 23 00-0551	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	57.14	
01 22 23 00-0552	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	9.11	
01 22 23 00-0553	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	22.77	
01 22 23 00-0554	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	68.31	
01 22 23 00-0555	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	10.40	
01 22 23 00-0556	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	26.00	
01 22 23 00-0557	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	78.01	
01 22 23 00-0558	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.09	
01 22 23 00-0559	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	27.72	
01 22 23 00-0560	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	83.16	
01 22 23 00-0561	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	12.67	
01 22 23 00-0562	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	31.68	
01 22 23 00-0563	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	95.04	
01 22 23 00-0564	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.56	
01 22 23 00-0565	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	36.41	
01 22 23 00-0566	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	109.22	
01 22 23 00-0567	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.20	
01 22 23 00-0568	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	28.01	
01 22 23 00-0569	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	84.03	
01 22 23 00-0570	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	15.17	
01 22 23 00-0571	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	37.92	
01 22 23 00-0572	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	113.77	
01 22 23 00-0573	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.12	
01 22 23 00-0574	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	32.79	
01 22 23 00-0575	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	98.37	
01 22 23 00-0576	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	21.87	
01 22 23 00-0577	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	54.68	
01 22 23 00-0578	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	164.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0579	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	23.32	
01 22 23 00-0580	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	58.29	
01 22 23 00-0581	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	174.87	

01 22 23 00-0582 Electrical Equipment *(01 22 23)*

01 22 23 00-0583 Tripod Mounted Floodlights *(01 22 23 00-0582)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0584	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	56.65	
01 22 23 00-0585	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	134.03	
01 22 23 00-0586	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	283.27	
01 22 23 00-0587	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	56.65	
01 22 23 00-0588	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	165.82	
01 22 23 00-0589	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	490.54	
01 22 23 00-0590	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	63.56	
01 22 23 00-0591	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	172.72	
01 22 23 00-0592	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	421.45	

01 22 23 00-0593 Trailer Mounted Floodlights *(01 22 23 00-0582)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0594	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	158.91	
01 22 23 00-0595	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	352.36	
01 22 23 00-0596	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	759.99	

01 22 23 00-0597 Generator Sets *(01 22 23 00-0582)*

01 22 23 00-0598 Portable, Gas Or Diesel Powered Generator Sets *(01 22 23 00-0597)*

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0705 for reimbursable fuel fees.

01 22 23 00-0599	DAY	3.6 KW, 8 HP Gas Powered Generator Set	42.15	
		For LP Or NG Gas, Add		*5.27*
		For >160 To 320 Hours Usage Per Month, Add		*21.08*
01 22 23 00-0600	WK	3.6 KW, 8 HP Gas Powered Generator Set	151.95	
		For LP Or NG Gas, Add		*18.99*
01 22 23 00-0601	MO	3.6 KW, 8 HP Gas Powered Generator Set	421.53	
		For LP Or NG Gas, Add		*52.69*
01 22 23 00-0602	DAY	5 KW, 11 HP Gas Powered Generator Set	59.80	
		For LP Or NG Gas, Add		*7.48*
01 22 23 00-0603	WK	5 KW, 11 HP Gas Powered Generator Set	191.16	
		For LP Or NG Gas, Add		*23.90*
01 22 23 00-0604	MO	5 KW, 11 HP Gas Powered Generator Set	436.23	
		For LP Or NG Gas, Add		*54.53*
01 22 23 00-0605	DAY	6.5 KW, 13 HP Gas Powered Generator Set	76.46	
		For LP Or NG Gas, Add		*9.56*
01 22 23 00-0606	WK	6.5 KW, 13 HP Gas Powered Generator Set	205.86	
		For LP Or NG Gas, Add		*25.73*
01 22 23 00-0607	MO	6.5 KW, 13 HP Gas Powered Generator Set	568.57	
		For LP Or NG Gas, Add		*71.07*
01 22 23 00-0608	DAY	10 KW, 18 HP Gas Powered Generator Set	85.29	
		For LP Or NG Gas, Add		*10.66*
01 22 23 00-0609	WK	10 KW, 18 HP Gas Powered Generator Set	230.37	
		For LP Or NG Gas, Add		*28.80*
01 22 23 00-0610	MO	10 KW, 18 HP Gas Powered Generator Set	661.70	
		For LP Or NG Gas, Add		*82.71*

01 22 23 00-0611 Towable, Diesel Powered Generator Sets *(01 22 23 00-0597)*

Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0705 for reimbursable fuel fees.

01 22 23 00-0612	DAY	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	175.47	
		For >8 To 16 Hours Usage Per Day, Add		*87.74*
		For >16 To 24 Hours Usage Per Day, Add		*175.47*
01 22 23 00-0613	WK	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	458.78	
		For >40 To 80 Hours Usage Per Week, Add		*229.39*
		For >80 Hours Usage Per Week, Add		*458.78*
01 22 23 00-0614	MO	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour.	1,249.88	
		For >160 To 320 Hours Usage Per Month, Add		*624.94*
		For >320 Hours Usage Per Month, Add		*1,249.88*
01 22 23 00-0615	DAY	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	318.25	
		For >8 To 16 Hours Usage Per Day, Add		*159.13*
		For >16 To 24 Hours Usage Per Day, Add		*318.25*
01 22 23 00-0616	WK	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	944.47	
		For >40 To 80 Hours Usage Per Week, Add		*472.24*
		For >80 Hours Usage Per Week, Add		*944.47*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0617	MO	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour.	1,950.54	
		For >160 To 320 Hours Usage Per Month, Add	*975.27*	
		For >320 Hours Usage Per Month, Add	*1,950.54*	
01 22 23 00-0618	DAY	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	349.04	
		For >8 To 16 Hours Usage Per Day, Add	*174.52*	
		For >16 To 24 Hours Usage Per Day, Add	*349.04*	
01 22 23 00-0619	WK	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	975.27	
		For >40 To 80 Hours Usage Per Week, Add	*487.64*	
		For >80 Hours Usage Per Week, Add	*975.27*	
01 22 23 00-0620	MO	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour.	2,155.86	
		For >160 To 320 Hours Usage Per Month, Add	*1,077.93*	
		For >320 Hours Usage Per Month, Add	*2,155.86*	
01 22 23 00-0621	DAY	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	374.71	
		For >8 To 16 Hours Usage Per Day, Add	*187.36*	
		For >16 To 24 Hours Usage Per Day, Add	*374.71*	
01 22 23 00-0622	WK	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	1,026.60	
		For >40 To 80 Hours Usage Per Week, Add	*513.30*	
		For >80 Hours Usage Per Week, Add	*1,026.60*	
01 22 23 00-0623	MO	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour.	2,463.84	
		For >160 To 320 Hours Usage Per Month, Add	*1,231.92*	
		For >320 Hours Usage Per Month, Add	*2,463.84*	
01 22 23 00-0624	DAY	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	410.64	
		For >8 To 16 Hours Usage Per Day, Add	*205.32*	
		For >16 To 24 Hours Usage Per Day, Add	*410.64*	
01 22 23 00-0625	WK	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	1,165.19	
		For >40 To 80 Hours Usage Per Week, Add	*582.60*	
		For >80 Hours Usage Per Week, Add	*1,165.19*	
01 22 23 00-0626	MO	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.	2,771.82	
		For >160 To 320 Hours Usage Per Month, Add	*1,385.91*	
		For >320 Hours Usage Per Month, Add	*2,771.82*	
01 22 23 00-0627	DAY	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	461.97	
		For >8 To 16 Hours Usage Per Day, Add	*230.99*	
		For >16 To 24 Hours Usage Per Day, Add	*461.97*	
01 22 23 00-0628	WK	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	1,231.92	
		For >40 To 80 Hours Usage Per Week, Add	*615.96*	
		For >80 Hours Usage Per Week, Add	*1,231.92*	
01 22 23 00-0629	MO	80.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.	3,079.80	
		For >160 To 320 Hours Usage Per Month, Add	*1,539.90*	
		For >320 Hours Usage Per Month, Add	*3,079.80*	
01 22 23 00-0630	DAY	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	477.37	
		For >8 To 16 Hours Usage Per Day, Add	*238.69*	
		For >16 To 24 Hours Usage Per Day, Add	*477.37*	
01 22 23 00-0631	WK	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	1,283.25	
		For >40 To 80 Hours Usage Per Week, Add	*641.63*	
		For >80 Hours Usage Per Week, Add	*1,283.25*	
01 22 23 00-0632	MO	100.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.	3,490.44	
		For >160 To 320 Hours Usage Per Month, Add	*1,745.22*	
		For >320 Hours Usage Per Month, Add	*3,490.44*	
01 22 23 00-0633	DAY	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	538.96	
		For >8 To 16 Hours Usage Per Day, Add	*269.48*	
		For >16 To 24 Hours Usage Per Day, Add	*538.96*	
01 22 23 00-0634	WK	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	1,488.57	
		For >40 To 80 Hours Usage Per Week, Add	*744.29*	
		For >80 Hours Usage Per Week, Add	*1,488.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0635	MO	120.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.	4,003.74	
		For >160 To 320 Hours Usage Per Month, Add	*2,001.87*	
		For >320 Hours Usage Per Month, Add	*4,003.74*	
01 22 23 00-0636	DAY	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	564.63	
		For >8 To 16 Hours Usage Per Day, Add	*282.32*	
		For >16 To 24 Hours Usage Per Day, Add	*564.63*	
01 22 23 00-0637	WK	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	1,565.56	
		For >40 To 80 Hours Usage Per Week, Add	*782.78*	
		For >80 Hours Usage Per Week, Add	*1,565.56*	
01 22 23 00-0638	MO	140.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.	4,414.38	
		For >160 To 320 Hours Usage Per Month, Add	*2,207.19*	
		For >320 Hours Usage Per Month, Add	*4,414.38*	
01 22 23 00-0639	DAY	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	590.30	
		For >8 To 16 Hours Usage Per Day, Add	*295.15*	
		For >16 To 24 Hours Usage Per Day, Add	*590.30*	
01 22 23 00-0640	WK	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	1,693.89	
		For >40 To 80 Hours Usage Per Week, Add	*846.95*	
		For >80 Hours Usage Per Week, Add	*1,693.89*	
01 22 23 00-0641	MO	150.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.	4,619.70	
		For >160 To 320 Hours Usage Per Month, Add	*2,309.85*	
		For >320 Hours Usage Per Month, Add	*4,619.70*	
01 22 23 00-0642	DAY	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	615.96	
		For >8 To 16 Hours Usage Per Day, Add	*307.98*	
		For >16 To 24 Hours Usage Per Day, Add	*615.96*	
01 22 23 00-0643	WK	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	1,796.55	
		For >40 To 80 Hours Usage Per Week, Add	*898.28*	
		For >80 Hours Usage Per Week, Add	*1,796.55*	
01 22 23 00-0644	MO	160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.	4,825.02	
		For >160 To 320 Hours Usage Per Month, Add	*2,412.51*	
		For >320 Hours Usage Per Month, Add	*4,825.02*	
01 22 23 00-0645	DAY	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	615.96	
		For >8 To 16 Hours Usage Per Day, Add	*307.98*	
		For >16 To 24 Hours Usage Per Day, Add	*615.96*	
01 22 23 00-0646	WK	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	1,796.55	
		For >40 To 80 Hours Usage Per Week, Add	*898.28*	
		For >80 Hours Usage Per Week, Add	*1,796.55*	
01 22 23 00-0647	MO	175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.	4,825.02	
		For >160 To 320 Hours Usage Per Month, Add	*2,412.51*	
		For >320 Hours Usage Per Month, Add	*4,825.02*	
01 22 23 00-0648	DAY	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	846.94	
		For >8 To 16 Hours Usage Per Day, Add	*423.47*	
		For >16 To 24 Hours Usage Per Day, Add	*846.94*	
01 22 23 00-0649	WK	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	2,104.53	
		For >40 To 80 Hours Usage Per Week, Add	*1,052.27*	
		For >80 Hours Usage Per Week, Add	*2,104.53*	
01 22 23 00-0650	MO	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.	6,159.60	
		For >160 To 320 Hours Usage Per Month, Add	*3,079.80*	
		For >320 Hours Usage Per Month, Add	*6,159.60*	
01 22 23 00-0651	DAY	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	898.28	
		For >8 To 16 Hours Usage Per Day, Add	*449.14*	
		For >16 To 24 Hours Usage Per Day, Add	*898.28*	
01 22 23 00-0652	WK	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	2,155.86	
		For >40 To 80 Hours Usage Per Week, Add	*1,077.93*	
		For >80 Hours Usage Per Week, Add	*2,155.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0653	MO	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.	6,364.92	
		For >160 To 320 Hours Usage Per Month, Add	*3,182.46*	
		For >320 Hours Usage Per Month, Add	*6,364.92*	
01 22 23 00-0654	DAY	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	949.60	
		For >8 To 16 Hours Usage Per Day, Add	*474.80*	
		For >16 To 24 Hours Usage Per Day, Add	*949.60*	
01 22 23 00-0655	WK	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	2,207.19	
		For >40 To 80 Hours Usage Per Week, Add	*1,103.60*	
		For >80 Hours Usage Per Week, Add	*2,207.19*	
01 22 23 00-0656	MO	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour.	6,570.24	
		For >160 To 320 Hours Usage Per Month, Add	*3,285.12*	
		For >320 Hours Usage Per Month, Add	*6,570.24*	
01 22 23 00-0657	DAY	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	980.40	
		For >8 To 16 Hours Usage Per Day, Add	*490.20*	
		For >16 To 24 Hours Usage Per Day, Add	*980.40*	
01 22 23 00-0658	WK	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	2,361.18	
		For >40 To 80 Hours Usage Per Week, Add	*1,180.59*	
		For >80 Hours Usage Per Week, Add	*2,361.18*	
01 22 23 00-0659	MO	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.	6,980.88	
		For >160 To 320 Hours Usage Per Month, Add	*3,490.44*	
		For >320 Hours Usage Per Month, Add	*6,980.88*	
01 22 23 00-0660	DAY	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	1,026.60	
		For >8 To 16 Hours Usage Per Day, Add	*513.30*	
		For >16 To 24 Hours Usage Per Day, Add	*1,026.60*	
01 22 23 00-0661	WK	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	2,669.16	
		For >40 To 80 Hours Usage Per Week, Add	*1,334.58*	
		For >80 Hours Usage Per Week, Add	*2,669.16*	
01 22 23 00-0662	MO	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.	7,699.50	
		For >160 To 320 Hours Usage Per Month, Add	*3,849.75*	
		For >320 Hours Usage Per Month, Add	*7,699.50*	
01 22 23 00-0663	DAY	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	1,559.96	
		For >8 To 16 Hours Usage Per Day, Add	*779.98*	
		For >16 To 24 Hours Usage Per Day, Add	*1,559.96*	
01 22 23 00-0664	WK	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	4,033.23	
		For >40 To 80 Hours Usage Per Week, Add	*2,016.62*	
		For >80 Hours Usage Per Week, Add	*4,033.23*	
01 22 23 00-0665	MO	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.	10,666.40	
		For >160 To 320 Hours Usage Per Month, Add	*5,333.20*	
		For >320 Hours Usage Per Month, Add	*10,666.40*	
01 22 23 00-0666	DAY	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	1,999.95	
		For >8 To 16 Hours Usage Per Day, Add	*999.98*	
		For >16 To 24 Hours Usage Per Day, Add	*1,999.95*	
01 22 23 00-0667	WK	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	5,199.87	
		For >40 To 80 Hours Usage Per Week, Add	*2,599.94*	
		For >80 Hours Usage Per Week, Add	*5,199.87*	
01 22 23 00-0668	MO	500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.	11,999.70	
		For >160 To 320 Hours Usage Per Month, Add	*5,999.85*	
		For >320 Hours Usage Per Month, Add	*11,999.70*	
01 22 23 00-0669	DAY	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	2,473.27	
		For >8 To 16 Hours Usage Per Day, Add	*1,236.64*	
		For >16 To 24 Hours Usage Per Day, Add	*2,473.27*	
01 22 23 00-0670	WK	640.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	6,533.17	
		For >40 To 80 Hours Usage Per Week, Add	*3,266.59*	
		For >80 Hours Usage Per Week, Add	*6,533.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0671	MO	640.0 KW, 60 Hertz Container Diesel Powered Generator Set. Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.	15,999.60	
		For >160 To 320 Hours Usage Per Month, Add	*7,999.80*	
		For >320 Hours Usage Per Month, Add	*15,999.60*	
01 22 23 00-0672	DAY	750.0 KW, 60 Hertz Container Diesel Powered Generator Set. Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	2,673.27	
		For >8 To 16 Hours Usage Per Day, Add	*1,336.64*	
		For >16 To 24 Hours Usage Per Day, Add	*2,673.27*	
01 22 23 00-0673	WK	750.0 KW, 60 Hertz Container Diesel Powered Generator Set. Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	6,159.85	
		For >40 To 80 Hours Usage Per Week, Add	*3,079.93*	
		For >80 Hours Usage Per Week, Add	*6,159.85*	
01 22 23 00-0674	MO	750.0 KW, 60 Hertz Container Diesel Powered Generator Set. Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.	18,479.54	
		For >160 To 320 Hours Usage Per Month, Add	*9,239.77*	
		For >320 Hours Usage Per Month, Add	*18,479.54*	
01 22 23 00-0675	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up	790.29	
01 22 23 00-0676	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up	1,272.60	

01 22 23 00-0677 Cabling For Generator Sets *(01 22 23 00-0597)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0678	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set	22.59	
01 22 23 00-0679	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set	39.52	
01 22 23 00-0680	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set	118.57	
01 22 23 00-0681	DAY	50', 4/0 Cable With Camlock Ends For Generator Set	11.29	
01 22 23 00-0682	WK	50', 4/0 Cable With Camlock Ends For Generator Set	32.85	
01 22 23 00-0683	MO	50', 4/0 Cable With Camlock Ends For Generator Set	91.37	

01 22 23 00-0684 Resistive Load Banks For Generator Sets *(01 22 23 00-0597)*

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0705 for reimbursable fuel fees.

01 22 23 00-0685	DAY	100 KW A/C Resistive Load Bank	357.20	
01 22 23 00-0686	WK	100 KW A/C Resistive Load Bank	881.59	
01 22 23 00-0687	MO	100 KW A/C Resistive Load Bank	2,637.17	
01 22 23 00-0688	DAY	650 KW A/C Resistive Load Bank	601.91	
01 22 23 00-0689	WK	650 KW A/C Resistive Load Bank	1,609.66	
01 22 23 00-0690	MO	650 KW A/C Resistive Load Bank	4,103.95	

01 22 23 00-0691 Sub-Distribution Panels (Spider Box) For Generator Sets *(01 22 23 00-0597)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0692	DAY	Sub-Distribution Panel (Spider Box)	55.44	
01 22 23 00-0693	WK	Sub-Distribution Panel (Spider Box)	143.72	
01 22 23 00-0694	MO	Sub-Distribution Panel (Spider Box)	405.51	

01 22 23 00-0695 Portable Distribution Panels For Generator Sets *(01 22 23 00-0597)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0696	DAY	200 Amp Portable Spider Box Feeder Panel	123.19	
01 22 23 00-0697	WK	200 Amp Portable Spider Box Feeder Panel	333.64	
01 22 23 00-0698	MO	200 Amp Portable Spider Box Feeder Panel	934.21	
01 22 23 00-0699	DAY	100 Amp Portable Quad Box Panel	100.61	
01 22 23 00-0700	WK	100 Amp Portable Quad Box Panel	261.78	
01 22 23 00-0701	MO	100 Amp Portable Quad Box Panel	744.28	
01 22 23 00-0702	DAY	200 Amp Portable Quad Box Panel	128.32	
01 22 23 00-0703	WK	200 Amp Portable Quad Box Panel	323.38	
01 22 23 00-0704	MO	200 Amp Portable Quad Box Panel	877.74	

01 22 23 00-0705 Fuel Reimbursement For Generators *(01 22 23 00-0597)*

01 22 23 00-0706	EA	Fuel Reimbursement For Generators. Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is $1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = $125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.	1.00	

01 22 23 00-0707 Welding Machines *(01 22 23 00-0582)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0708 Diesel Powered Towable Welding Machines *(01 22 23 00-0707)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0709	DAY	250 To 299 AMP, Diesel Powered Towable Welding Machine	120.24	
01 22 23 00-0710	WK	250 To 299 AMP, Diesel Powered Towable Welding Machine	293.92	
01 22 23 00-0711	MO	250 To 299 AMP, Diesel Powered Towable Welding Machine	701.40	
01 22 23 00-0712	DAY	300 To 349 AMP, Diesel Powered Towable Welding Machine	160.32	
01 22 23 00-0713	WK	300 To 349 AMP, Diesel Powered Towable Welding Machine	313.96	
01 22 23 00-0714	MO	300 To 349 AMP, Diesel Powered Towable Welding Machine	733.46	
01 22 23 00-0715	DAY	350 To 399 AMP, Diesel Powered Towable Welding Machine	167.00	
01 22 23 00-0716	WK	350 To 399 AMP, Diesel Powered Towable Welding Machine	334.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0717	MO	350 To 399 AMP, Diesel Powered Towable Welding Machine	814.96	

01 22 23 00-0718 CC/CV Inverter Welder *(01 22 23 00-0707)*

Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0705 for reimbursable fuel fees.

01 22 23 00-0719	DAY	250 Amp CC Inverter Welder	37.41	
01 22 23 00-0720	WK	250 Amp CC Inverter Welder	81.50	
01 22 23 00-0721	MO	250 Amp CC Inverter Welder	247.16	
01 22 23 00-0722	DAY	300 Amp CC/CV Inverter Welder	42.75	
01 22 23 00-0723	WK	300 Amp CC/CV Inverter Welder	113.56	
01 22 23 00-0724	MO	300 Amp CC/CV Inverter Welder	300.60	
01 22 23 00-0725	DAY	350 Amp CC/CV Inverter Welder	44.09	
01 22 23 00-0726	WK	350 Amp CC/CV Inverter Welder	116.23	
01 22 23 00-0727	MON	350 Amp CC/CV Inverter Welder	327.32	

01 22 23 00-0728 MIG Welder *(01 22 23 00-0707)*

Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0705 for reimbursable fuel fees.

01 22 23 00-0729	DAY	115 Volt MIG Welder	64.13	
01 22 23 00-0730	WK	115 Volt MIG Welder	167.00	
01 22 23 00-0731	MON	115 Volt MIG Welder	454.24	

01 22 23 00-0732 General Equipment *(01 22 23)*

01 22 23 00-0733 Jacks And Bracing *(01 22 23 00-0732)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0734 Manual Hydraulic Jacks *(01 22 23 00-0733)*

01 22 23 00-0735	DAY	12 Ton Manual Hydraulic Bottle Jack	1.68	
01 22 23 00-0736	WK	12 Ton Manual Hydraulic Bottle Jack	7.98	
01 22 23 00-0737	MO	12 Ton Manual Hydraulic Bottle Jack	28.68	
01 22 23 00-0738	DAY	20 Ton Manual Hydraulic Bottle Jack	2.94	
01 22 23 00-0739	WK	20 Ton Manual Hydraulic Bottle Jack	9.24	
01 22 23 00-0740	MO	20 Ton Manual Hydraulic Bottle Jack	34.98	
01 22 23 00-0741	DAY	50 Ton Manual Hydraulic Bottle Jack	10.50	
01 22 23 00-0742	WK	50 Ton Manual Hydraulic Bottle Jack	40.75	
01 22 23 00-0743	MO	50 Ton Manual Hydraulic Bottle Jack	146.59	
01 22 23 00-0744	DAY	100 Ton Manual Hydraulic Bottle Jack	14.70	
01 22 23 00-0745	WK	100 Ton Manual Hydraulic Bottle Jack	58.80	
01 22 23 00-0746	MO	100 Ton Manual Hydraulic Bottle Jack	211.81	

01 22 23 00-0747 Manual Screw Jacks *(01 22 23 00-0733)*

01 22 23 00-0748	DAY	10 To 20 Ton Manual Screw Jack	15.62	
01 22 23 00-0749	WK	10 To 20 Ton Manual Screw Jack	42.05	
01 22 23 00-0750	MO	10 To 20 Ton Manual Screw Jack	116.53	

01 22 23 00-0751 Shores/Braces *(01 22 23 00-0733)*

01 22 23 00-0752	MO	Adjustable Tubular Steel Shoring, To 10'	9.63	
01 22 23 00-0753	MO	Adjustable Tubular Steel Shoring, To 16'	11.56	
01 22 23 00-0754	MO	Adjustable Wood Shoring, To 10'	4.62	
01 22 23 00-0755	MO	Adjustable Wood Shoring, To 16'	6.16	
01 22 23 00-0756	EA	Erect And Strip Shores To 10'	30.26	
01 22 23 00-0757	EA	Erect And Strip Shores To 13'	33.38	
01 22 23 00-0758	EA	Erect And Strip Shores To 16'	37.55	

01 22 23 00-0759 Pressure Washers *(01 22 23 00-0732)*

Note: Includes full-time operator, delivery, set-up, and removal.

01 22 23 00-0760	DAY	2,000 PSI Pressure Washer With Full-Time Operator	672.95	
		For Equipment Without Operator, Deduct	*-562.40*	
01 22 23 00-0761	WK	2,000 PSI Pressure Washer With Full-Time Operator	3,092.60	
		For Equipment Without Operator, Deduct	*-2,811.98*	
01 22 23 00-0762	MO	2,000 PSI Pressure Washer With Full-Time Operator	12,834.91	
		For Equipment Without Operator, Deduct	*-12,120.62*	
01 22 23 00-0763	DAY	2,500 PSI Pressure Washer With Full-Time Operator	649.21	
		For Equipment Without Operator, Deduct	*-562.40*	
01 22 23 00-0764	WK	2,500 PSI Pressure Washer With Full-Time Operator	3,032.35	
		For Equipment Without Operator, Deduct	*-2,811.98*	
01 22 23 00-0765	MO	2,500 PSI Pressure Washer With Full-Time Operator	12,681.57	
		For Equipment Without Operator, Deduct	*-12,120.62*	
01 22 23 00-0766	DAY	3,000 PSI Pressure Washer With Full-Time Operator	672.95	
		For Equipment Without Operator, Deduct	*-562.40*	
01 22 23 00-0767	WK	3,000 PSI Pressure Washer With Full-Time Operator	3,092.60	
		For Equipment Without Operator, Deduct	*-2,811.98*	
01 22 23 00-0768	MO	3,000 PSI Pressure Washer With Full-Time Operator	12,834.91	
		For Equipment Without Operator, Deduct	*-12,120.62*	
01 22 23 00-0769	DAY	3,500 PSI Pressure Washer With Full-Time Operator	655.89	
		For Equipment Without Operator, Deduct	*-562.40*	
01 22 23 00-0770	WK	3,500 PSI Pressure Washer With Full-Time Operator	3,052.39	
		For Equipment Without Operator, Deduct	*-2,811.98*	
01 22 23 00-0771	MO	3,500 PSI Pressure Washer With Full-Time Operator	12,735.00	
		For Equipment Without Operator, Deduct	*-12,120.62*	
01 22 23 00-0772	DAY	4,000 PSI Pressure Washer With Full-Time Operator	715.46	
		For Equipment Without Operator, Deduct	*-562.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0773	WK	4,000 PSI Pressure Washer With Full-Time Operator	3,228.65	
		For Equipment Without Operator, Deduct	*-2,811.98*	
01 22 23 00-0774	MO	4,000 PSI Pressure Washer With Full-Time Operator	13,285.60	
		For Equipment Without Operator, Deduct	*-12,120.62*	
01 22 23 00-0775	DAY	5,000 PSI Pressure Washer With Full-Time Operator	695.96	
		For Equipment Without Operator, Deduct	*-562.40*	
01 22 23 00-0776	WK	5,000 PSI Pressure Washer With Full-Time Operator	3,172.59	
		For Equipment Without Operator, Deduct	*-2,811.98*	
01 22 23 00-0777	MO	5,000 PSI Pressure Washer With Full-Time Operator	13,135.68	
		For Equipment Without Operator, Deduct	*-12,120.62*	

01 22 23 00-0778 Confined Space Entry Equipment *(01 22 23 00-0732)*

Note: Includes delivery, set-up, and removal.

01 22 23 00-0779	DAY	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	45.24	
01 22 23 00-0780	WK	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	135.71	
01 22 23 00-0781	MO	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	404.99	
01 22 23 00-0782	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	36.53	
01 22 23 00-0783	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	109.60	
01 22 23 00-0784	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	328.80	
01 22 23 00-0785	DAY	Confined Space Air Monitor Personnel Note: Per person day.	698.40	

01 22 23 00-0786 Space Heaters *(01 22 23 00-0732)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0787	DAY	150,000 BTU/Hour Space Heater	55.38	
01 22 23 00-0788	WK	150,000 BTU/Hour Space Heater	159.23	
01 22 23 00-0789	MO	150,000 BTU/Hour Space Heater	450.00	
01 22 23 00-0790	DAY	500,000 BTU/Hour Space Heater	117.69	
01 22 23 00-0791	WK	500,000 BTU/Hour Space Heater	290.77	
01 22 23 00-0792	MO	500,000 BTU/Hour Space Heater	735.22	

01 22 23 00-0793 Material Handling Equipment *(01 22 23)*

01 22 23 00-0794 Truck Mounted Hydraulic Cranes *(01 22 23 00-0793)*

Note: Includes full-time operator. Include delivery, set-up, rigging, and removal time in rental period. Excludes lattice boom extension.

01 22 23 00-0795	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,128.23	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0796	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	4,914.17	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0797	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	19,728.12	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0798	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,225.89	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0799	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,204.44	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0800	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	20,596.20	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0801	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,323.55	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0802	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,494.70	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0803	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	21,464.28	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0804	DAY	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,453.76	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0805	WK	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	5,885.34	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0806	MO	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	22,630.76	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0807	DAY	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,573.12	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0808	WK	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,693.74	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0809	MO	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	25,053.79	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0810	DAY	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,855.25	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0811	WK	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,702.88	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0812	MO	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	28,083.39	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0813	DAY	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,034.29	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0814	WK	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,332.24	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0815	MO	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	29,975.80	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0816	DAY	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,175.36	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0817	WK	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,842.24	
		For Equipment Without Operator, Deduct	*-3,796.52*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0818	MO	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	31,503.63	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0819	DAY	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,316.42	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0820	WK	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	9,352.23	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0821	MO	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	33,031.45	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0822	DAY	90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,408.65	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0823	WK	90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	9,666.91	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0824	MO	90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	33,986.33	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0825	DAY	100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,512.41	
		For Equipment Without Operator, Deduct	*-738.27*	
01 22 23 00-0826	WK	100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,028.33	
		For Equipment Without Operator, Deduct	*-3,691.35*	
01 22 23 00-0827	MO	100 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	34,921.93	
		For Equipment Without Operator, Deduct	*-15,910.98*	

01 22 23 00-0828 Cable Controlled Lattice Boom, Truck Mounted Mechanical Cranes *(01 22 23 00-0793)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0829	DAY	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	2,061.42	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0830	WK	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	8,440.75	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0831	MO	75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	30,296.99	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0832	DAY	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,065.14	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0833	WK	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	10,111.80	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0834	MO	100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	35,310.16	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0835	DAY	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,227.90	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0836	WK	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	11,299.99	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0837	MO	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	38,873.62	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0838	DAY	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,553.43	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0839	WK	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	12,488.17	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0840	MO	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	42,432.75	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0841	DAY	250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	3,862.69	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0842	WK	250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	14,864.54	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0843	MO	250 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	49,568.37	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0844	DAY	300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	4,372.68	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0845	WK	300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	16,692.93	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0846	MO	300 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	55,045.95	
		For Equipment Without Operator, Deduct	*-16,364.31*	
01 22 23 00-0847	DAY	500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	7,508.62	
		For Equipment Without Operator, Deduct	*-759.30*	
01 22 23 00-0848	WK	500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	27,869.46	
		For Equipment Without Operator, Deduct	*-3,796.52*	
01 22 23 00-0849	MO	500 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator	88,588.57	
		For Equipment Without Operator, Deduct	*-16,364.31*	

01 22 23 00-0850 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts *(01 22 23 00-0793)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0851	DAY	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,091.24	
		For Equipment Without Operator, Deduct	*-698.40*	
01 22 23 00-0852	WK	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,453.42	
		For Equipment Without Operator, Deduct	*-3,491.99*	
01 22 23 00-0853	MO	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	17,119.29	
		For Equipment Without Operator, Deduct	*-15,051.69*	
01 22 23 00-0854	DAY	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,132.60	
		For Equipment Without Operator, Deduct	*-698.40*	
01 22 23 00-0855	WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,546.47	
		For Equipment Without Operator, Deduct	*-3,491.99*	
01 22 23 00-0856	MO	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	17,326.05	
		For Equipment Without Operator, Deduct	*-15,051.69*	
01 22 23 00-0857	DAY	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,122.26	
		For Equipment Without Operator, Deduct	*-698.40*	
01 22 23 00-0858	WK	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,592.99	
		For Equipment Without Operator, Deduct	*-3,491.99*	
01 22 23 00-0859	MO	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	17,636.19	
		For Equipment Without Operator, Deduct	*-15,051.69*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0860	DAY	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator		1,241.14	
		For Equipment Without Operator, Deduct		*-698.40*	
01 22 23 00-0861	WK	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator		4,903.13	
		For Equipment Without Operator, Deduct		*-3,491.99*	
01 22 23 00-0862	MO	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator		18,359.85	
		For Equipment Without Operator, Deduct		*-15,051.69*	

01 22 23 00-0863 Straight Mast, Rough Terrain Construction Forklifts *(01 22 23 00-0793)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0864	DAY	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		953.75	
		For Equipment Without Operator, Deduct		*-698.40*	
		For Propane Instead Of Gas Or Diesel, Add		*51.07*	
01 22 23 00-0865	WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		4,189.29	
		For Equipment Without Operator, Deduct		*-3,491.99*	
		For Propane Instead Of Gas Or Diesel, Add		*139.46*	
01 22 23 00-0866	MO	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		16,647.62	
		For Equipment Without Operator, Deduct		*-15,051.69*	
		For Propane Instead Of Gas Or Diesel, Add		*319.19*	
01 22 23 00-0867	DAY	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		967.19	
		For Equipment Without Operator, Deduct		*-698.40*	
		For Propane Instead Of Gas Or Diesel, Add		*53.76*	
01 22 23 00-0868	WK	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		4,225.99	
		For Equipment Without Operator, Deduct		*-3,491.99*	
		For Propane Instead Of Gas Or Diesel, Add		*146.80*	
01 22 23 00-0869	MO	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		16,731.61	
		For Equipment Without Operator, Deduct		*-15,051.69*	
		For Propane Instead Of Gas Or Diesel, Add		*335.98*	
01 22 23 00-0870	DAY	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		1,039.55	
		For Equipment Without Operator, Deduct		*-698.40*	
		For Propane Instead Of Gas Or Diesel, Add		*68.23*	
01 22 23 00-0871	WK	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		4,427.58	
		For Equipment Without Operator, Deduct		*-3,491.99*	
		For Propane Instead Of Gas Or Diesel, Add		*187.12*	
01 22 23 00-0872	MO	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		17,196.83	
		For Equipment Without Operator, Deduct		*-15,051.69*	
		For Propane Instead Of Gas Or Diesel, Add		*429.03*	
01 22 23 00-0873	DAY	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		1,079.41	
		For Equipment Without Operator, Deduct		*-698.40*	
		For Propane Instead Of Gas Or Diesel, Add		*76.20*	
01 22 23 00-0874	WK	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		4,410.31	
		For Equipment Without Operator, Deduct		*-3,491.99*	
		For Propane Instead Of Gas Or Diesel, Add		*183.66*	
01 22 23 00-0875	MO	10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator		17,337.73	
		For Equipment Without Operator, Deduct		*-15,051.69*	
		For Propane Instead Of Gas Or Diesel, Add		*457.21*	

01 22 23 00-0876 Straight Mast, Industrial Warehouse Forklifts *(01 22 23 00-0793)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0877	DAY	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		915.50	
		For Equipment Without Operator, Deduct		*-698.40*	
		For Propane Instead Of Gas Or Diesel, Add		*43.42*	
01 22 23 00-0878	WK	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		3,988.21	
		For Equipment Without Operator, Deduct		*-3,491.99*	
		For Propane Instead Of Gas Or Diesel, Add		*99.24*	
01 22 23 00-0879	MO	5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		16,240.56	
		For Equipment Without Operator, Deduct		*-15,051.69*	
		For Propane Instead Of Gas Or Diesel, Add		*237.77*	
01 22 23 00-0880	DAY	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		920.67	
		For Equipment Without Operator, Deduct		*-698.40*	
		For Propane Instead Of Gas Or Diesel, Add		*44.45*	
01 22 23 00-0881	WK	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		4,003.72	
		For Equipment Without Operator, Deduct		*-3,491.99*	
		For Propane Instead Of Gas Or Diesel, Add		*102.35*	
01 22 23 00-0882	MO	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		16,276.74	
		For Equipment Without Operator, Deduct		*-15,051.69*	
		For Propane Instead Of Gas Or Diesel, Add		*245.01*	
01 22 23 00-0883	DAY	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		1,029.22	
		For Equipment Without Operator, Deduct		*-698.40*	
		For Propane Instead Of Gas Or Diesel, Add		*66.16*	
01 22 23 00-0884	WK	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		4,241.49	
		For Equipment Without Operator, Deduct		*-3,491.99*	
		For Propane Instead Of Gas Or Diesel, Add		*149.90*	
01 22 23 00-0885	MO	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		16,860.84	
		For Equipment Without Operator, Deduct		*-15,051.69*	
		For Propane Instead Of Gas Or Diesel, Add		*361.83*	
01 22 23 00-0886	DAY	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		1,039.55	
		For Equipment Without Operator, Deduct		*-698.40*	
		For Propane Instead Of Gas Or Diesel, Add		*68.23*	
01 22 23 00-0887	WK	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		4,329.37	
		For Equipment Without Operator, Deduct		*-3,491.99*	
		For Propane Instead Of Gas Or Diesel, Add		*167.48*	
01 22 23 00-0888	MO	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		17,170.98	
		For Equipment Without Operator, Deduct		*-15,051.69*	
		For Propane Instead Of Gas Or Diesel, Add		*423.86*	
01 22 23 00-0889	DAY	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator		1,132.60	
		For Equipment Without Operator, Deduct		*-698.40*	
		For Propane Instead Of Gas Or Diesel, Add		*86.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0890	WK	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	4,479.27	
		For Equipment Without Operator, Deduct	*-3,491.99*	
		For Propane Instead Of Gas Or Diesel, Add	*197.46*	
01 22 23 00-0891	MO	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator	17,429.43	
		For Equipment Without Operator, Deduct	*-15,051.69*	
		For Propane Instead Of Gas Or Diesel, Add	*475.55*	

01 22 23 00-0892 Chain Hoists *(01 22 23 00-0793)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0893	DAY	1 Ton, 20' Lift, Manual Chain Hoist	12.60
01 22 23 00-0894	WK	1 Ton, 20' Lift, Manual Chain Hoist	32.76
01 22 23 00-0895	MO	1 Ton, 20' Lift, Manual Chain Hoist	97.02
01 22 23 00-0896	DAY	3 Ton, 20' Lift, Manual Chain Hoist	35.28
01 22 23 00-0897	WK	3 Ton, 20' Lift, Manual Chain Hoist	83.16
01 22 23 00-0898	MO	3 Ton, 20' Lift, Manual Chain Hoist	233.10
01 22 23 00-0899	DAY	5 Ton, 20' Lift, Manual Chain Hoist	45.36
01 22 23 00-0900	WK	5 Ton, 20' Lift, Manual Chain Hoist	122.22
01 22 23 00-0901	MO	5 Ton, 20' Lift, Manual Chain Hoist	340.20
01 22 23 00-0902	DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	89.46
01 22 23 00-0903	WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	233.10
01 22 23 00-0904	MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	630.00
01 22 23 00-0905	DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	90.72
01 22 23 00-0906	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	242.55
01 22 23 00-0907	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	661.50
01 22 23 00-0908	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	93.24
01 22 23 00-0909	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	261.45
01 22 23 00-0910	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	724.50

01 22 23 00-0911 Roof Swing Hoist *(01 22 23 00-0793)*

01 22 23 00-0912	DAY	Up To 400#, Manual Swing Roof Hoist	57.11
01 22 23 00-0913	WK	Up To 400#, Manual Swing Roof Hoist	199.88
01 22 23 00-0914	MO	Up To 400#, Manual Swing Roof Hoist	685.32

01 22 23 00-0915 Pumping Equipment *(01 22 23)*

01 22 23 00-0916 Gas Powered Portable Centrifugal Pumps *(01 22 23 00-0915)*

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0940 for larger diameter pumps.

01 22 23 00-0917	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	59.29
01 22 23 00-0918	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	133.41
01 22 23 00-0919	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	355.75
01 22 23 00-0920	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	71.15
01 22 23 00-0921	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	160.09
01 22 23 00-0922	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	426.90

01 22 23 00-0923 Gas Powered Portable Diaphragm Pumps *(01 22 23 00-0915)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0924	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	68.19
01 22 23 00-0925	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	192.70
01 22 23 00-0926	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	489.16
01 22 23 00-0927	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	83.01
01 22 23 00-0928	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	222.34
01 22 23 00-0929	MO	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	629.98

01 22 23 00-0930 Gas Powered Portable Trash Pumps *(01 22 23 00-0915)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0931	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	85.97
01 22 23 00-0932	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	177.88
01 22 23 00-0933	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	533.63
01 22 23 00-0934	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	85.97
01 22 23 00-0935	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	229.76
01 22 23 00-0936	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	629.98
01 22 23 00-0937	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	136.37
01 22 23 00-0938	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	385.40
01 22 23 00-0939	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	1,119.14

01 22 23 00-0940 Diesel Powered Portable Trash Pumps *(01 22 23 00-0915)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0941	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	266.81
01 22 23 00-0942	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	726.33
01 22 23 00-0943	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	3,164.71
01 22 23 00-0944	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	407.63
01 22 23 00-0945	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,067.26
01 22 23 00-0946	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	2,838.60
01 22 23 00-0947	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	554.38
01 22 23 00-0948	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,483.78
01 22 23 00-0949	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,969.60
01 22 23 00-0950	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	717.43
01 22 23 00-0951	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	1,832.12
01 22 23 00-0952	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	5,380.75

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0953		Diesel Powered Portable Silenced Environmental Trash Pumps *(01 22 23 00-0915)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0954	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	380.95	
01 22 23 00-0955	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	867.15	
01 22 23 00-0956	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,703.72	
01 22 23 00-0957	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	466.92	
01 22 23 00-0958	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,163.61	
01 22 23 00-0959	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,164.71	
01 22 23 00-0960	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	563.27	
01 22 23 00-0961	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,666.11	
01 22 23 00-0962	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	4,647.01	
01 22 23 00-0963	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	847.88	
01 22 23 00-0964	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,165.64	
01 22 23 00-0965	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	6,359.07	
01 22 23 00-0966		3 Phase Electric Submersible Pumps *(01 22 23 00-0915)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0967	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	148.23	
01 22 23 00-0968	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	370.58	
01 22 23 00-0969	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,111.72	
01 22 23 00-0970	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	195.66	
01 22 23 00-0971	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	489.16	
01 22 23 00-0972	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,467.48	
01 22 23 00-0973		Suction Hose With Couplings *(01 22 23 00-0915)*		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-0974	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	6.00	
01 22 23 00-0975	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	15.00	
01 22 23 00-0976	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	46.00	
01 22 23 00-0977	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	16.00	
01 22 23 00-0978	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	41.00	
01 22 23 00-0979	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	125.00	
01 22 23 00-0980	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	24.00	
01 22 23 00-0981	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	61.00	
01 22 23 00-0982	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	185.00	
01 22 23 00-0983	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	30.00	
01 22 23 00-0984	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	75.00	
01 22 23 00-0985	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	220.00	
01 22 23 00-0986	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings	70.00	
01 22 23 00-0987	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings	180.00	
01 22 23 00-0988	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings	530.00	
01 22 23 00-0989	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings	94.00	
01 22 23 00-0990	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings	205.00	
01 22 23 00-0991	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings	615.00	
01 22 23 00-0992		Discharge Hose With Couplings *(01 22 23 00-0915)*		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-0993	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.00	
01 22 23 00-0994	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	15.00	
01 22 23 00-0995	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	46.00	
01 22 23 00-0996	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.00	
01 22 23 00-0997	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	17.00	
01 22 23 00-0998	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	53.00	
01 22 23 00-0999	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	8.00	
01 22 23 00-1000	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	20.00	
01 22 23 00-1001	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	61.00	
01 22 23 00-1002	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.00	
01 22 23 00-1003	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	54.00	
01 22 23 00-1004	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	155.00	
01 22 23 00-1005	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	26.00	
01 22 23 00-1006	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	71.00	
01 22 23 00-1007	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	195.00	
01 22 23 00-1008	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	20.00	
01 22 23 00-1009	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	50.00	
01 22 23 00-1010	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	150.00	
01 22 23 00-1011	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	51.00	
01 22 23 00-1012	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	130.00	
01 22 23 00-1013	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	385.00	
01 22 23 00-1014		Hydraulic Submersible Pumps *(01 22 23 00-0915)*		
01 22 23 00-1015		Hydraulic Submersible Pumps *(01 22 23 00-1014)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1016	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	97.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1017	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	262.37	
01 22 23 00-1018	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	733.74	
01 22 23 00-1019	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	124.51	
01 22 23 00-1020	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	320.18	
01 22 23 00-1021	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	978.32	
01 22 23 00-1022		Hydraulic Submersible Pump Diesel Power Packs *(01 22 23 00-1014)*		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1023	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	226.05	
01 22 23 00-1024	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	674.45	
01 22 23 00-1025	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	1,778.76	
01 22 23 00-1026		HDPE Pipe With Couplings *(01 22 23 00-0915)*		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-1027	DAY	4" x 20' HDPE Pipe With Couplings	6.25	
01 22 23 00-1028	WK	4" x 20' HDPE Pipe With Couplings	15.00	
01 22 23 00-1029	MON	4" x 20' HDPE Pipe With Couplings	46.25	
01 22 23 00-1030	DAY	6" x 20' HDPE Pipe With Couplings	10.00	
01 22 23 00-1031	WK	6" x 20' HDPE Pipe With Couplings	25.00	
01 22 23 00-1032	MON	6" x 20' HDPE Pipe With Couplings	76.25	
01 22 23 00-1033	DAY	8" x 20' HDPE Pipe With Couplings	16.25	
01 22 23 00-1034	WK	8" x 20' HDPE Pipe With Couplings	42.50	
01 22 23 00-1035	MON	8" x 20' HDPE Pipe With Couplings	126.25	
01 22 23 00-1036	DAY	10" x 20' HDPE Pipe With Couplings	20.00	
01 22 23 00-1037	WK	10" x 20' HDPE Pipe With Couplings	51.25	
01 22 23 00-1038	MON	10" x 20' HDPE Pipe With Couplings	156.25	
01 22 23 00-1039	DAY	12" x 10' HDPE Pipe With Couplings	15.00	
01 22 23 00-1040	WK	12" x 10' HDPE Pipe With Couplings	41.25	
01 22 23 00-1041	MON	12" x 10' HDPE Pipe With Couplings	125.00	
01 22 23 00-1042	DAY	4" Elbow For HDPE Pipe, Quick Connect	15.00	
01 22 23 00-1043	WK	4" Elbow For HDPE Pipe, Quick Connect	38.75	
01 22 23 00-1044	MON	4" Elbow For HDPE Pipe, Quick Connect	115.00	
01 22 23 00-1045	DAY	6" Elbow For HDPE Pipe, Quick Connect	17.50	
01 22 23 00-1046	WK	6" Elbow For HDPE Pipe, Quick Connect	45.00	
01 22 23 00-1047	MON	6" Elbow For HDPE Pipe, Quick Connect	137.50	
01 22 23 00-1048	DAY	8" Elbow For HDPE Pipe, Quick Connect	20.00	
01 22 23 00-1049	WK	8" Elbow For HDPE Pipe, Quick Connect	51.25	
01 22 23 00-1050	MON	8" Elbow For HDPE Pipe, Quick Connect	156.25	
01 22 23 00-1051	DAY	10" Elbow For HDPE Pipe, Quick Connect	25.00	
01 22 23 00-1052	WK	10" Elbow For HDPE Pipe, Quick Connect	63.75	
01 22 23 00-1053	MON	10" Elbow For HDPE Pipe, Quick Connect	193.75	
01 22 23 00-1054	DAY	12" Elbow For HDPE Pipe, Quick Connect	25.00	
01 22 23 00-1055	WK	12" Elbow For HDPE Pipe, Quick Connect	63.75	
01 22 23 00-1056	MON	12" Elbow For HDPE Pipe, Quick Connect	193.75	
01 22 23 00-1057	DAY	4" Tee For HDPE Pipe, Quick Connect	15.00	
01 22 23 00-1058	WK	4" Tee For HDPE Pipe, Quick Connect	38.75	
01 22 23 00-1059	MON	4" Tee For HDPE Pipe, Quick Connect	115.00	
01 22 23 00-1060	DAY	6" Tee For HDPE Pipe, Quick Connect	20.00	
01 22 23 00-1061	WK	6" Tee For HDPE Pipe, Quick Connect	51.25	
01 22 23 00-1062	MON	6" Tee For HDPE Pipe, Quick Connect	156.25	
01 22 23 00-1063	DAY	8" Tee For HDPE Pipe, Quick Connect	25.00	
01 22 23 00-1064	WK	8" Tee For HDPE Pipe, Quick Connect	63.75	
01 22 23 00-1065	MON	8" Tee For HDPE Pipe, Quick Connect	193.75	
01 22 23 00-1066	DAY	10" Tee For HDPE Pipe, Quick Connect	30.00	
01 22 23 00-1067	WK	10" Tee For HDPE Pipe, Quick Connect	76.25	
01 22 23 00-1068	MON	10" Tee For HDPE Pipe, Quick Connect	231.25	
01 22 23 00-1069	DAY	12" Tee For HDPE Pipe, Quick Connect	30.00	
01 22 23 00-1070	WK	12" Tee For HDPE Pipe, Quick Connect	76.25	
01 22 23 00-1071	MON	12" Tee For HDPE Pipe, Quick Connect	231.25	
01 22 23 00-1072	DAY	4" Cap For HDPE Pipe, Quick Connect	2.50	
01 22 23 00-1073	WK	4" Cap For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1074	MON	4" Cap For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1075	DAY	6" Cap For HDPE Pipe, Quick Connect	2.50	
01 22 23 00-1076	WK	6" Cap For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1077	MON	6" Cap For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1078	DAY	8" Cap For HDPE Pipe, Quick Connect	2.50	
01 22 23 00-1079	WK	8" Cap For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1080	MON	8" Cap For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1081	DAY	10" Cap For HDPE Pipe, Quick Connect	2.50	
01 22 23 00-1082	WK	10" Cap For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1083	MON	10" Cap For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1084	DAY	12" Cap For HDPE Pipe, Quick Connect	2.50	
01 22 23 00-1085	WK	12" Cap For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1086	MON	12" Cap For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1087	DAY	4" Wye For HDPE Pipe, Quick Connect	7.50	
01 22 23 00-1088	WK	4" Wye For HDPE Pipe, Quick Connect	18.75	
01 22 23 00-1089	MON	4" Wye For HDPE Pipe, Quick Connect	57.50	
01 22 23 00-1090	DAY	6" Wye For HDPE Pipe, Quick Connect	8.75	
01 22 23 00-1091	WK	6" Wye For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1092	MON	6" Wye For HDPE Pipe, Quick Connect	68.75	
01 22 23 00-1093	DAY	8" Wye For HDPE Pipe, Quick Connect	15.00	
01 22 23 00-1094	WK	8" Wye For HDPE Pipe, Quick Connect	38.75	
01 22 23 00-1095	MON	8" Wye For HDPE Pipe, Quick Connect	115.00	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1096	DAY	10" Wye For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1097	WK	10" Wye For HDPE Pipe, Quick Connect	57.50	
01 22 23 00-1098	MON	10" Wye For HDPE Pipe, Quick Connect	175.00	
01 22 23 00-1099	DAY	12" Wye For HDPE Pipe, Quick Connect	22.50	
01 22 23 00-1100	WK	12" Wye For HDPE Pipe, Quick Connect	57.50	
01 22 23 00-1101	MON	12" Wye For HDPE Pipe, Quick Connect	175.00	

01 22 23 00-1102 Temporary Building Services *(01 22 23)*

01 22 23 00-1103 Boilers *(01 22 23 00-1102)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1104 Electric Boilers *(01 22 23 00-1103)*

01 22 23 00-1105	MO	40 MBH, 12 KW Electric Boiler Rental	1,733.49	
01 22 23 00-1106	MO	60 MBH, 20 KW Electric Boiler Rental	1,891.11	
01 22 23 00-1107	MO	95 MBH, 30 KW Electric Boiler Rental	1,969.92	
01 22 23 00-1108	MO	135 MBH, 40 KW Electric Boiler Rental	2,206.26	
01 22 23 00-1109	MO	165 MBH, 50 KW Electric Boiler Rental	3,073.01	
01 22 23 00-1110	MO	215 MBH, 60 KW Electric Boiler Rental	3,545.79	
01 22 23 00-1111	MO	365 MBH, 100 KW Electric Boiler Rental	4,648.96	
01 22 23 00-1112	MO	510 MBH, 150 KW Electric Boiler Rental	5,673.32	

01 22 23 00-1113 Oil/Gas Fired Boilers *(01 22 23 00-1103)*

01 22 23 00-1114	MO	Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental	2,000.00	
		For >3 Months Rental, Deduct	*-300.00*	
01 22 23 00-1115	MO	>100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental	2,600.00	
		For >3 Months Rental, Deduct	*-390.00*	
01 22 23 00-1116	MO	>250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental	4,200.00	
		For >3 Months Rental, Deduct	*-630.00*	
01 22 23 00-1117	MO	>500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental	5,800.00	
		For >3 Months Rental, Deduct	*-870.00*	

01 22 23 00-1118 Oil Fired Boilers *(01 22 23 00-1103)*

01 22 23 00-1119	MO	250 HP Oil Fired Boiler Rental	4,868.53	
01 22 23 00-1120	MO	350 HP Oil Fired Boiler Rental	6,491.37	
01 22 23 00-1121	MO	500 HP Oil Fired Boiler Rental	8,114.21	
01 22 23 00-1122	MO	600 HP Oil Fired Boiler Rental	8,925.64	

01 22 23 00-1123 Boilers Setup *(01 22 23 00-1103)*

01 22 23 00-1124	EA	Setup Rental Boiler Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	4,423.74	

01 22 23 00-1125 Chillers *(01 22 23 00-1102)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-1126 Air Cooled Chillers *(01 22 23 00-1125)*

01 22 23 00-1127	MO	25 Ton Air Cooled Chiller Rental	2,357.06	
		For >3 To 6 Month Rental, Deduct	*-353.56*	
		For >6 Month Rental, Deduct	*-589.27*	
01 22 23 00-1128	MO	40 Ton Air Cooled Chiller Rental	3,771.31	
		For >3 To 6 Month Rental, Deduct	*-565.70*	
		For >6 Month Rental, Deduct	*-942.83*	
01 22 23 00-1129	MO	60 Ton Air Cooled Chiller Rental	4,612.73	
		For >3 To 6 Month Rental, Deduct	*-691.91*	
		For >6 Month Rental, Deduct	*-1,153.18*	
01 22 23 00-1130	MO	80 Ton Air Cooled Chiller Rental	5,454.16	
		For >3 To 6 Month Rental, Deduct	*-818.12*	
		For >6 Month Rental, Deduct	*-1,363.54*	
01 22 23 00-1131	MO	100 Ton Air Cooled Chiller Rental	6,295.59	
		For >3 To 6 Month Rental, Deduct	*-944.34*	
		For >6 Month Rental, Deduct	*-1,573.90*	
01 22 23 00-1132	MO	125 Ton Air Cooled Chiller Rental	7,293.56	
		For >3 To 6 Month Rental, Deduct	*-1,094.03*	
		For >6 Month Rental, Deduct	*-1,823.39*	
01 22 23 00-1133	MO	155 Ton Air Cooled Chiller Rental	8,823.42	
		For >3 To 6 Month Rental, Deduct	*-1,323.51*	
		For >6 Month Rental, Deduct	*-2,205.86*	
01 22 23 00-1134	MO	170 Ton Air Cooled Chiller Rental	9,435.37	
		For >3 To 6 Month Rental, Deduct	*-1,415.31*	
		For >6 Month Rental, Deduct	*-2,358.84*	
01 22 23 00-1135	MO	200 Ton Air Cooled Chiller Rental	10,838.94	
		For >3 To 6 Month Rental, Deduct	*-1,625.84*	
		For >6 Month Rental, Deduct	*-2,709.74*	
01 22 23 00-1136	MO	250 Ton Air Cooled Chiller Rental	12,897.15	
		For >3 To 6 Month Rental, Deduct	*-1,934.57*	
		For >6 Month Rental, Deduct	*-3,224.29*	
01 22 23 00-1137	MO	300 Ton Air Cooled Chiller Rental Note: Includes trailer.	15,049.64	
		For >3 To 6 Month Rental, Deduct	*-2,257.45*	
		For >6 Month Rental, Deduct	*-3,762.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1138	MO	400 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	19,852.72	
		For >3 To 6 Month Rental, Deduct	*-2,977.91*	
		For >6 Month Rental, Deduct	*-4,963.18*	
01 22 23 00-1139	MO	500 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose.	24,573.96	
		For >3 To 6 Month Rental, Deduct	*-3,686.09*	
		For >6 Month Rental, Deduct	*-6,143.49*	
01 22 23 00-1140	EA	Setup Air Cooled Chiller Rental Unit Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.	3,075.04	

01 22 23 00-1141 Chiller Rental Accessories *(01 22 23 00-1125)*

01 22 23 00-1142	MO	4" x 25' Flexible Water Hose For Chiller Rental	42.00	
01 22 23 00-1143	MO	6" x 25' Flexible Water Hose For Chiller Rental	52.50	

01 22 23 00-1144 Emergency Cooler/Freezer *(01 22 23 00-1102)*

Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.

01 22 23 00-1145	DAY	8 x 6 x 7 Emergency Cooler Rental	97.28	
01 22 23 00-1146	WK	8 x 6 x 7 Emergency Cooler Rental	518.80	
01 22 23 00-1147	DAY	10 x 7 x 7 Emergency Cooler Rental	194.55	
01 22 23 00-1148	WK	10 x 7 x 7 Emergency Cooler Rental	778.20	
01 22 23 00-1149	MO	10 x 7 x 7 Emergency Cooler Rental	1,945.50	
01 22 23 00-1150	DAY	10 x 7 x 7 Emergency Freezer Rental	226.98	
01 22 23 00-1151	WK	10 x 7 x 7 Emergency Freezer Rental	907.90	
01 22 23 00-1152	MO	10 x 7 x 7 Emergency Freezer Rental	2,334.60	
01 22 23 00-1153	DAY	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	259.40	
01 22 23 00-1154	WK	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	1,037.60	
01 22 23 00-1155	MO	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	2,594.00	

01 22 23 00-1156 Fuel Oil Tank *(01 22 23 00-1102)*

Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes 0ff-road fuel costs. See CSI section 01 22 23 00-0705 for reimbursable fuel fees.

01 22 23 00-1157	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental	289.25	
01 22 23 00-1158	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental	449.95	
01 22 23 00-1159	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental	1,124.86	
01 22 23 00-1160	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental	1,874.78	
01 22 23 00-1161	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental	2,474.70	
01 22 23 00-1162	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental	4,420.90	

01 22 23 00-1163 Portable Spot Cooling Units *(01 22 23 00-1102)*

Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes operator.

01 22 23 00-1164	DAY	1 Ton Portable Spot Cooling Unit	176.12	
01 22 23 00-1165	WK	1 Ton Portable Spot Cooling Unit	387.48	
01 22 23 00-1166	MO	1 Ton Portable Spot Cooling Unit	774.95	
01 22 23 00-1167	DAY	2 Ton Portable Spot Cooling Unit	281.80	
01 22 23 00-1168	WK	2 Ton Portable Spot Cooling Unit	563.60	
01 22 23 00-1169	MO	2 Ton Portable Spot Cooling Unit	1,268.10	
01 22 23 00-1170	DAY	3 Ton Portable Spot Cooling Unit	422.70	
01 22 23 00-1171	WK	3 Ton Portable Spot Cooling Unit	845.40	
01 22 23 00-1172	MO	3 Ton Portable Spot Cooling Unit	1,690.80	
01 22 23 00-1173	DAY	5 Ton Portable Spot Cooling Unit	493.15	
01 22 23 00-1174	WK	5 Ton Portable Spot Cooling Unit	986.30	
01 22 23 00-1175	MO	5 Ton Portable Spot Cooling Unit	2,254.40	
01 22 23 00-1176	DAY	10 Ton Portable Spot Cooling Unit	1,056.75	
01 22 23 00-1177	WK	10 Ton Portable Spot Cooling Unit	1,690.80	
01 22 23 00-1178	MO	10 Ton Portable Spot Cooling Unit	3,381.60	
01 22 23 00-1179	DAY	20 Ton Portable Spot Cooling Unit	1,409.00	
01 22 23 00-1180	WK	20 Ton Portable Spot Cooling Unit	2,465.75	
01 22 23 00-1181	MO	20 Ton Portable Spot Cooling Unit	5,283.75	
01 22 23 00-1182	DAY	25 Ton Portable Spot Cooling Unit	1,620.35	
01 22 23 00-1183	WK	25 Ton Portable Spot Cooling Unit	2,606.65	
01 22 23 00-1184	MO	25 Ton Portable Spot Cooling Unit	5,636.00	

01 22 23 00-1185 Truck And Trailer Equipment *(01 22 23)*

01 22 23 00-1186 Trucks *(01 22 23 00-1185)*

Note: Includes driver, delivery, and removal.

01 22 23 00-1187 Flat Bed Trucks *(01 22 23 00-1186)*

Note: Includes hydraulic tilt bed.

01 22 23 00-1188	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	850.91	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-1189	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,658.83	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-1190	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	14,599.00	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-1191	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	959.22	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-1192	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,936.38	
		For Equipment Without Operator, Deduct	*-3,002.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1193	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	15,309.79	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-1194	DAY	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,036.94	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-1195	WK	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,233.43	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-1196	MO	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	16,440.32	
		For Equipment Without Operator, Deduct	*-12,940.49*	

01 22 23 00-1197 Light Off-Road Utility Passenger Vehicles *(01 22 23 00-1186)*

01 22 23 00-1198	DAY	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	171.52	
01 22 23 00-1199	WK	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	396.64	
01 22 23 00-1200	MO	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle	857.60	
01 22 23 00-1201	DAY	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	176.88	
01 22 23 00-1202	WK	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	412.72	
01 22 23 00-1203	MO	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle	911.20	

01 22 23 00-1204 Light Duty Trucks *(01 22 23 00-1186)*

01 22 23 00-1205	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	858.89	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-1206	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	3,850.22	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-1207	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	14,717.30	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-1208	DAY	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	907.35	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-1209	WK	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	3,995.60	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-1210	MO	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	15,040.36	
		For Equipment Without Operator, Deduct	*-12,940.47*	

01 22 23 00-1211 Rear Dump Trucks *(01 22 23 00-1186)*

01 22 23 00-1212	DAY	2.5 CY Rear Dump Truck With Full-Time Truck Driver	895.31	
		For Equipment Without Operator, Deduct	*-593.86*	
01 22 23 00-1213	WK	2.5 CY Rear Dump Truck With Full-Time Truck Driver	3,765.50	
		For Equipment Without Operator, Deduct	*-2,969.29*	
01 22 23 00-1214	MO	2.5 CY Rear Dump Truck With Full-Time Truck Driver	15,236.45	
		For Equipment Without Operator, Deduct	*-12,798.66*	
01 22 23 00-1215	DAY	4 CY Rear Dump Truck With Full-Time Truck Driver	1,001.82	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-1216	WK	4 CY Rear Dump Truck With Full-Time Truck Driver	4,108.04	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-1217	MO	4 CY Rear Dump Truck With Full-Time Truck Driver	15,807.49	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-1218	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver	1,059.16	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-1219	WK	6 CY Rear Dump Truck With Full-Time Truck Driver	4,230.91	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-1220	MO	6 CY Rear Dump Truck With Full-Time Truck Driver	15,889.41	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-1221	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver	1,739.06	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-1222	WK	13 CY Rear Dump Truck With Full-Time Truck Driver	5,631.66	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-1223	MO	13 CY Rear Dump Truck With Full-Time Truck Driver	19,821.33	
		For Equipment Without Operator, Deduct	*-12,940.47*	
01 22 23 00-1224	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	1,852.92	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-1225	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	5,894.61	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-1226	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	20,509.42	
		For Equipment Without Operator, Deduct	*-12,940.47*	

01 22 23 00-1227 Vacuum Trucks *(01 22 23 00-1186)*

01 22 23 00-1228	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,730.87	
		For Equipment Without Operator, Deduct	*-600.44*	
01 22 23 00-1229	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	6,406.58	
		For Equipment Without Operator, Deduct	*-3,002.19*	
01 22 23 00-1230	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	22,986.53	
		For Equipment Without Operator, Deduct	*-12,940.47*	

01 22 23 00-1231 Water Trucks *(01 22 23 00-1186)*

See CSI section 01 22 23 00-1243 for water trailer, 31 23 23 23-0001 for compaction water as required for earth/aggregate backfill.

01 22 23 00-1232	DAY	2,000 Gallon Water Truck With Full-Time Driver	1,095.44	
		For Equipment Without Operator, Deduct	*-600.44*	
		For Each 1,000 Gallon Of Purchased Water, Add	*8.26*	
01 22 23 00-1233	WK	2,000 Gallon Water Truck With Full-Time Driver	4,305.69	
		For Equipment Without Operator, Deduct	*-3,002.19*	
		For Each 1,000 Gallon Of Purchased Water, Add	*8.26*	

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CSI		UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1234		MO	2,000 Gallon Water Truck With Full-Time Driver		16,020.47	
			For Equipment Without Operator, Deduct		*-12,940.47*	
			For Each 1,000 Gallon Of Purchased Water, Add		*8.26*	
01 22 23 00-1235		DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Driver		1,337.44	
			For Equipment Without Operator, Deduct		*-600.44*	
			For Each 1,000 Gallon Of Purchased Water, Add		*8.26*	
01 22 23 00-1236		WK	3,700 To 4,000 Gallon Water Truck With Full-Time Driver		5,031.69	
			For Equipment Without Operator, Deduct		*-3,002.19*	
			For Each 1,000 Gallon Of Purchased Water, Add		*8.26*	
01 22 23 00-1237		MO	3,700 To 4,000 Gallon Water Truck With Full-Time Driver		17,890.47	
			For Equipment Without Operator, Deduct		*-12,940.47*	
			For Each 1,000 Gallon Of Purchased Water, Add		*8.26*	

01 22 23 00-1238 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board *(01 22 23 00-1186)*

01 22 23 00-1239		DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver		1,254.58	
			For Equipment Without Operator, Deduct		*-593.86*	
01 22 23 00-1240		WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver		4,919.27	
			For Equipment Without Operator, Deduct		*-2,969.29*	
01 22 23 00-1241		MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver		17,534.12	
			For Equipment Without Operator, Deduct		*-12,798.68*	

01 22 23 00-1242 Trailers *(01 22 23 00-1185)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-1243 Water Trailers With Pump *(01 22 23 00-1242)*

01 22 23 00-1244		DAY	500 To 600 Gallon Water Trailer With Pump		126.50	
01 22 23 00-1245		WK	500 To 600 Gallon Water Trailer With Pump		324.50	
01 22 23 00-1246		MO	500 To 600 Gallon Water Trailer With Pump		869.00	

01 40 Quality Requirements *(01)*

01 45 Quality Control *(01 40)*

01 45 23 Testing And Inspecting Services *(01 45)*

Note: For application to existing materials/site conditions only. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.

01 45 23 00-0001 Concrete/Cement/Asphalt Testing *(01 45 23)*

01 45 23 00-0002 Concrete Testing *(01 45 23 00-0001)*

01 45 23 00-0003		EA	Concrete Cores Compression Test, ASTM C-42		81.98	
01 45 23 00-0004		EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab		19.24	
01 45 23 00-0005		EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633		40.07	
01 45 23 00-0006		EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78		119.82	
01 45 23 00-0007		EA	Unit Weight Of Concrete Cylinder, ASTM C-567		44.15	
01 45 23 00-0008		EA	Concrete Mix Design Review		239.65	
01 45 23 00-0009		EA	Trial Concrete Batch Prepared In Laboratory		567.58	
01 45 23 00-0010		EA	Concrete Shrinkage, ASTM C-157 Modified		441.46	
01 45 23 00-0011		EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496		68.11	
01 45 23 00-0012		EA	Concrete Slump Test, ASTM C143		31.53	
01 45 23 00-0013		EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231		31.53	

01 45 23 00-0014 Cement Testing *(01 45 23 00-0001)*

01 45 23 00-0015		EA	Cement Grab Sample (CCR Title 24) Note: Includes sealing and storing 1 year.		31.53	
01 45 23 00-0016		EA	2" x 2" x 2" Cube Compression Test, All Type Materials		50.45	

01 45 23 00-0017 Asphaltic Concrete Testing *(01 45 23 00-0001)*

01 45 23 00-0018		EA	Hveem Asphaltic Concrete Stability Test, CA 366		63.06	
01 45 23 00-0019		EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927		163.97	
01 45 23 00-0020		EA	Stability Tests, Premixed, ASTM D1559		63.06	
01 45 23 00-0021		EA	Stability Tests, Lab. Mixed, ASTM D1559		163.97	
01 45 23 00-0022		EA	Swell Test, CA 305 Note: Includes compaction.		75.68	
01 45 23 00-0023		EA	% Asphalt Extraction Test, ASTM D-2172 B		189.20	
01 45 23 00-0024		EA	Maximum Theoretical Unit Weight, ASTM C2041		120.20	
01 45 23 00-0025		EA	Unit Weight Sample Requiring Compaction, California Test Method 308		25.23	
01 45 23 00-0026		EA	Asphalt Unit Weight On Core Test, CA 308C		25.23	
01 45 23 00-0027		HR	Nuclear Field Density Testing, 4 Hour Minimum		129.91	
01 45 23 00-0028		EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664		85.11	
01 45 23 00-0029		EA	Penetration, ASTM D5		91.10	

01 45 23 00-0030 Metals Testing *(01 45 23)*

01 45 23 00-0031 Tank Tightness Testing *(01 45 23 00-0030)*

01 45 23 00-0032		GAL	Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks		6.81	
01 45 23 00-0033		GAL	>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks		5.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0034	EA	Up To 12,000 Gallons, Tank Volumetric Tightness Testing	1,752.36	
01 45 23 00-0035	EA	>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	2,141.08	
01 45 23 00-0036	EA	>29,999 Gallons, Tank Volumetric Tightness Testing	2,726.76	
01 45 23 00-0037		Tank Line Tightness Testing *(01 45 23 00-0030)*		
01 45 23 00-0038	EA	Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	369.75	
01 45 23 00-0039	EA	>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing	410.57	
01 45 23 00-0040	EA	>29,999 Gallons, Tank Line Volumetric Tightness Testing	451.25	
01 45 23 00-0041		Other Testing *(01 45 23)*		
01 45 23 00-0042		Special Testing *(01 45 23 00-0041)*		
01 45 23 00-0043	EA	Asphalt Roofing Cut-out Samples, To Determine Unit Weight	97.77	
01 45 23 00-0044	EA	Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	586.60	
01 45 23 00-0045	EA	Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria)	29.49	
01 45 23 00-0046	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample	122.26	
01 45 23 00-0047	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample	122.26	
01 45 23 00-0048	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample	122.26	
01 45 23 00-0049	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample	672.43	
01 45 23 00-0050		Nondestructive Field Testing Services *(01 45 23 00-0041)*		
01 45 23 00-0051		Infrared Thermography *(01 45 23 00-0050)*		
		Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
01 45 23 00-0052		Roof Investigation And Moisture Survey Using Infrared Thermography *(01 45 23 00-0051)*		
		Note: For on the roof surveys.		
01 45 23 00-0053	EA	Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge	2,200.68	
01 45 23 00-0054	CSF	Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	3.67	
		For CADD Drawings, Add	*0.73*	
01 45 23 00-0055	CSF	>10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.45	
		For CADD Drawings, Add	*0.49*	
01 45 23 00-0056	CSF	>50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	1.83	
		For CADD Drawings, Add	*0.37*	
		For Elevated Infrared Thermography Roof Investigation, Add	*0.46*	
		For Aerial Infrared Thermography Roof Investigation, Add	*0.46*	
01 45 23 00-0057	CSF	>250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	1.22	
		For CADD Drawings, Add	*0.24*	
		For Elevated Infrared Thermography Roof Investigation, Add	*0.31*	
		For Aerial Infrared Thermography Roof Investigation, Add	*0.31*	
01 45 23 00-0058		Building Moisture Investigation Using Infrared Thermography *(01 45 23 00-0051)*		
		Note: For finding moisture in walls and windows.		
01 45 23 00-0059	EA	Building Moisture Investigation Using Infrared Thermography, Mobilization Charge	1,161.47	
01 45 23 00-0060	CSF	Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	3.67	
		For Digital Or Analog Recording Of All Items, Add	*1.84*	
01 45 23 00-0061	CSF	>1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography	2.45	
		For Digital Or Analog Recording Of All Items, Add	*1.23*	
01 45 23 00-0062	CSF	>5,000 SF, Building Moisture Investigation Using Infrared Thermography	1.22	
		For Digital Or Analog Recording Of All Items, Add	*0.61*	
01 45 23 00-0063		General Building Investigation Using Infrared Thermography *(01 45 23 00-0051)*		
		Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0064	EA	General Building Investigation Using Infrared Thermography, Mobilization Charge	2,384.07	
01 45 23 00-0065	CSF	Up To 1,000 SF, General Building Investigation Using Infrared Thermography	3.67	
		For Digital Or Analog Recording Of All Items, Add	*1.84*	
01 45 23 00-0066	CSF	>1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography	2.45	
		For Digital Or Analog Recording Of All Items, Add	*1.23*	
01 45 23 00-0067	CSF	>5,000 SF, General Building Investigation Using Infrared Thermography	1.22	
		For Digital Or Analog Recording Of All Items, Add	*0.61*	
01 45 23 00-0068		Electrical /Mechanical Equipment Scanning Using Infrared Thermography *(01 45 23 00-0051)*		
		Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0069	EA	Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge	1,161.47	
01 45 23 00-0070	HR	Electrical /Mechanical Equipment Scanning Using Infrared Thermography	177.56	
		For Digital Or Analog Recording Of All Items, Add	*26.58*	
01 45 23 00-0071		Concrete Block Wall Investigation Using Infrared Thermography *(01 45 23 00-0051)*		
		Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0072	EA	Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	1,161.47	
01 45 23 00-0073	CSF	Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	3.67	
		For Digital Or Analog Recording Of All Items, Add	*0.55*	
01 45 23 00-0074	CSF	>50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	2.45	
		For Digital Or Analog Recording Of All Items, Add	*0.37*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0075		**Other Nondestructive Field Testing Services** *(01 45 23 00-0050)*		
01 45 23 00-0076	HR	ASNT Certified Level I NDT Consultant	70.32	
01 45 23 00-0077	HR	ASNT Certified Level II NDT Consultant	103.52	
01 45 23 00-0078	HR	ASNT Certified Level III NDT Consultant	128.05	
01 45 23 00-0079	HR	Certified Industrial Radiography Radiation Safety Personnel	117.70	
01 45 23 00-0080		**Testing Professional Services** *(01 45 23 00-0041)*		
01 45 23 00-0081	HR	Concrete, Steel, Masonry, Expansion Anchor And Soils Inspection	117.30	
01 45 23 00-0082	HR	Laboratory Technician	113.52	
01 45 23 00-0083	HR	Portable Digital Reinforcement Scanner	163.97	
01 45 23 00-0084	HR	Subsurface Detection Radar System	277.49	
01 45 23 00-0085	HR	Pavement Rehabilitation Analysis Using Deflectors	315.32	
01 45 23 00-0086		**Soils/Aggregate Testing** *(01 45 23)*		
01 45 23 00-0087		**Field Soils Tests** *(01 45 23 00-0086)*		
01 45 23 00-0088	EA	Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	195.50	
01 45 23 00-0089	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	277.49	
01 45 23 00-0090	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	315.32	
01 45 23 00-0091	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test	252.26	
01 45 23 00-0092	EA	Soils Classification Test, ASTM D-2487, Field Soils Test	378.39	
01 45 23 00-0093	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	756.51	
01 45 23 00-0094	EA	Moisture Content, Field Soils Test	28.37	
01 45 23 00-0095	EA	UBC Or Swell Test, Field Soils Test	99.38	
01 45 23 00-0096	EA	Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	189.13	
01 45 23 00-0097	EA	Proctor Compaction 6" Standard Mold, Field Soils Test	236.41	
01 45 23 00-0098	EA	Density And Classification Test, Field Soils Test	75.65	
01 45 23 00-0099	EA	Percolation Test, Field Soils Test	189.13	
01 45 23 00-0100	EA	Infiltration Test, Field Soils Test	378.26	
01 45 23 00-0101		**Soil Borings Laboratory Tests** *(01 45 23 00-0086)* See CSI section 02 32 13 00-0000 for soil borings.		
01 45 23 00-0102	EA	Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test	86.81	
01 45 23 00-0103	EA	Shrinkage Limit, Soil Borings Laboratory Test	27.71	
01 45 23 00-0104	EA	Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	66.78	
01 45 23 00-0105	EA	Consolidation, Soil Borings Laboratory Test	467.46	
01 45 23 00-0106	EA	Swell Test, Soil Borings Laboratory Test	92.34	
01 45 23 00-0107	EA	In Place Density, Soil Borings Laboratory Test	20.03	
01 45 23 00-0108	EA	Moisture Content, ASTM D2216, Soil Borings Laboratory Test	12.45	
01 45 23 00-0109	EA	Hydrometer Analysis, Soil Borings Laboratory Test	160.69	
01 45 23 00-0110	EA	Specific Gravity, ASTM D854, Soil Borings Laboratory Test	56.04	
01 45 23 00-0111	EA	Partial Sieve Analysis, Soil Borings Laboratory Test	11.08	
01 45 23 00-0112	EA	Laboratory Permeability, Soil Borings Laboratory Test	554.11	
01 45 23 00-0113	EA	Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	112.08	
01 45 23 00-0114	EA	Sulfate Soundness, Soil Borings Laboratory Test	138.53	
01 45 23 00-0115	EA	Los Angeles Abrasion, Soil Borings Laboratory Test	323.00	
01 45 23 00-0116	EA	Soil Bearing Ratio, ASTM D1883	283.79	
01 45 23 00-0117	EA	Compaction Test Subgrade, Soil Borings Laboratory Test	83.12	
01 45 23 00-0118	EA	Compaction Test Base Course, Soil Borings Laboratory Test	70.32	
01 45 23 00-0119	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	273.31	
01 45 23 00-0120	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test	42.48	
01 45 23 00-0121		**Aggregate Testing** *(01 45 23 00-0086)*		
01 45 23 00-0122	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202	63.06	
01 45 23 00-0123	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202	113.52	
01 45 23 00-0124	EA	Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202	157.66	
01 45 23 00-0125	EA	Sieve Analysis, Pit Run, ASTM C136 Note: Includes wash.	122.93	
01 45 23 00-0126	EA	Specific Special Gravity, Course, ASTM C127 Note: Includes absorption test.	100.17	
01 45 23 00-0127	EA	Special Gravity, Fine, ASTM C127 Note: Includes absorption test.	89.84	
01 45 23 00-0128	EA	Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	133.56	
01 45 23 00-0129	EA	Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	126.13	
01 45 23 00-0130	EA	Aggregate Cleanness Value, ASTM C-128, CA 227	126.13	
01 45 23 00-0131	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	94.60	
01 45 23 00-0132	EA	Fine Aggregate Durability Index, CA 229	100.90	
01 45 23 00-0133	EA	Sodium And Magnesium Soundness, ASTM C88	264.78	
01 45 23 00-0134	EA	Los Angeles Rattler, ASTM C-131, CA 211	201.81	
01 45 23 00-0135	EA	Los Angeles Rattler, ASTM C-535	201.81	
01 45 23 00-0136	EA	Unit Weight Of Aggregates, ASTM C29	56.76	
01 45 23 00-0137	EA	Organic Impurities In Sand, ASTM C40	56.74	
01 45 23 00-0138	EA	Crushed Particle, ASTM California Test Method	56.74	
01 45 23 00-0139	EA	Clay Lump And Friable Particles, ASTM C142	113.48	
01 45 23 00-0140		**Permeability Tests** *(01 45 23 00-0086)*		
01 45 23 00-0141		**In-Place Tests** *(01 45 23 00-0140)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0142	EA	Double Ring Infiltrometer Test, ASTM D3385	1,001.70	
01 45 23 00-0143	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	47.28	
01 45 23 00-0144		Lab Tests *(01 45 23 00-0140)*		
01 45 23 00-0145	EA	Falling Head Rigid Wall Consolidometer Technique CAE	467.46	
01 45 23 00-0146	EA	Falling Head Permeability Test EPA-9100	467.46	
01 45 23 00-0147	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	267.12	
01 45 23 00-0148		Masonry/Concrete Block/Tile Testing *(01 45 23)*		
01 45 23 00-0149		Masonry Testing *(01 45 23 00-0148)*		
01 45 23 00-0150	EA	2" x 4" Cylinder Mortar Compression Test	41.62	
01 45 23 00-0151	EA	4" x 4" x 8" Grout Prisms Compression Test	41.62	
01 45 23 00-0152	EA	Masonry Cores Compression Test	81.98	
01 45 23 00-0153	EA	Composite Grouted Prism Compression Test	157.66	
01 45 23 00-0154		Concrete Block Testing (ASTM C140 Or CMA Per Specimen) *(01 45 23 00-0148)*		
01 45 23 00-0155	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	100.90	
01 45 23 00-0156	EA	Absorption Test, Moisture Content And Unit Weight	69.37	
01 45 23 00-0157	EA	Moisture Condition By Relative Humidity, ASTM C427, First Unit	264.78	
01 45 23 00-0158	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	132.39	

01 50 Temporary Facilities And Controls *(01)*

Note: Tasks in this section shall be used as directed by owner.

01 51 Temporary Utilities *(01 50)*

01 51 13 Temporary Electricity *(01 51)*

01 51 13 00-0001		Service Switch And/Or Building Feeder Switch *(01 51 13)* Note: Includes all connections and removal after use.		
01 51 13 00-0002	EA	Temporary 100 Amp, NEMA 1 Or 3R Disconnect Switch With Fuses	1,313.98	
01 51 13 00-0003	EA	Temporary 200 Amp, NEMA 1 Or 3R Disconnect Switch With Fuses	2,032.88	
01 51 13 00-0004	EA	Temporary 400 Amp, 240 Volt, NEMA 3R Disconnect Switch With Fuses	3,749.14	
01 51 13 00-0005	EA	Temporary 600 Amp, 240 Volt, NEMA 3R Disconnect Switch With Fuses	6,224.40	
01 51 13 00-0006		120/208 Volt Main Lug Panelboard Complete With Branch Fuses *(01 51 13)* Note: Includes mounting on wall and removal after use.		
01 51 13 00-0007	EA	Temporary 100 Amp Panelboard Complete With GFCI Circuit Breakers	1,386.83	
01 51 13 00-0008	EA	Temporary 200 Amp Panelboard Complete With GFCI Circuit Breakers	1,914.20	
01 51 13 00-0009	EA	Temporary 400 Amp Panelboard Complete With GFCI Circuit Breakers	3,001.02	
01 51 13 00-0010	EA	Temporary 600 Amp Panelboard Complete With GFCI Circuit Breakers	4,231.99	
01 51 13 00-0011		Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards *(01 51 13)* Note: Includes all connections, fittings, supports and removal after use.		
01 51 13 00-0012	LF	Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards	6.74	
01 51 13 00-0013	LF	Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards	7.38	

01 51 26 Temporary Lighting *(01 51)*

01 51 26 00-0001		Temporary Devices *(01 51 26)* Note: Includes removal after use.		
01 51 26 00-0002	EA	Temporary Exit Light	282.17	
01 51 26 00-0003	EA	Temporary 10 Light String With Cages	96.72	
01 51 26 00-0004	EA	Temporary High Bay Light	355.28	

01 52 Construction Facilities *(01 50)*

Note: Tasks in this section shall be used as directed by owner for owner's use.

01 52 13 Field Offices And Sheds *(01 52)*

01 52 13 00-0001		Field Offices *(01 52 13)* Note: Excludes furniture, utility connections and service. Minimum 6 months rental.		
01 52 13 00-0002	MO	8' x 24' Mobile Office, With Toilet	159.67	
		For Each Delivery And Removal, Two Round Trips, Add	*664.39*	
		For Each Set-Up (Block And Level), Add	*372.32*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
		For Office Trailer Without Toilet, Deduct	*-31.93*	
01 52 13 00-0003	MO	8' x 32' Mobile Office, With Toilet	180.96	
		For Each Delivery And Removal, Two Round Trips, Add	*664.39*	
		For Each Set-Up (Block And Level), Add	*372.32*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
		For Office Trailer Without Toilet, Deduct	*-36.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0004	MO	10' x 36' Mobile Office, With Toilet	244.83	
		For Each Delivery And Removal, Two Round Trips, Add	*941.23*	
		For Each Set-Up (Block And Level), Add	*607.48*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
		For Office Trailer Without Toilet, Deduct	*-48.97*	
01 52 13 00-0005	MO	10' x 40' Mobile Office, With Toilet	260.80	
		For Each Delivery And Removal, Two Round Trips, Add	*941.23*	
		For Each Set-Up (Block And Level), Add	*607.48*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
		For Office Trailer Without Toilet, Deduct	*-52.16*	
01 52 13 00-0006	MO	10' x 44' Mobile Office, With Toilet	287.41	
		For Each Delivery And Removal, Two Round Trips, Add	*941.23*	
		For Each Set-Up (Block And Level), Add	*607.48*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
01 52 13 00-0007	MO	10' x 50' Mobile Office, With Toilet	303.37	
		For Each Delivery And Removal, Two Round Trips, Add	*941.23*	
		For Each Set-Up (Block And Level), Add	*607.48*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
01 52 13 00-0008	MO	12' x 32' Mobile Office, With Toilet	234.71	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
		For Each Delivery And Set-Up (Block And Level), Add	*906.22*	
		For Each Knock-Down And Pick-Up, Add	*711.22*	
01 52 13 00-0009	MO	12' x 44' Mobile Office, With Toilet	313.81	
		For Each Delivery And Removal, Two Round Trips, Add	*941.23*	
		For Each Set-Up (Block And Level), Add	*607.48*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
01 52 13 00-0010	MO	12' x 50' Mobile Office, With Toilet	356.60	
		For Each Delivery And Removal, Two Round Trips, Add	*941.23*	
		For Each Set-Up (Block And Level), Add	*607.48*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
01 52 13 00-0011	MO	12' x 60' Mobile Office, With Toilet	388.53	
		For Each Delivery And Removal, Two Round Trips, Add	*941.23*	
		For Each Set-Up (Block And Level), Add	*607.48*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
01 52 13 00-0012	MO	24' x 60' Modular Office, With Toilet	851.57	
		For Each Delivery And Removal, Two Round Trips, Add	*1,771.73*	
		For Each Set-Up (Block And Level), Add	*979.80*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
01 52 13 00-0013	MO	24' x 72' Modular Office, With Toilet	1,021.88	
		For Each Delivery And Removal, Two Round Trips, Add	*1,771.73*	
		For Each Set-Up (Block And Level), Add	*979.80*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	
01 52 13 00-0014	MO	30' x 30' Modular Office, With Toilet	485.66	
		For Each Delivery And Removal, Two Round Trips, Add	*1,771.73*	
		For Each Set-Up (Block And Level), Add	*979.80*	
		For Each Anchoring Into Dirt, Add	*113.53*	
		For Each Anchoring Into Asphalt Or Concrete, Add	*170.30*	

01 52 13 00-0015 Storage Containers *(01 52 13)*

01 52 13 00-0016	MO	8' x 8' x 10' Storage Container	90.58	
		For Each Delivery And Removal, Two Round Trips, Add	*203.12*	
		For >12 Months, Deduct	*-27.17*	
01 52 13 00-0017	MO	8' x 8' x 20' Storage Container	94.70	
		For Each Delivery And Removal, Two Round Trips, Add	*223.44*	
		For >12 Months, Deduct	*-28.41*	
01 52 13 00-0018	MO	8' x 8' x 40' Storage Container	112.00	
		For Each Delivery And Removal, Two Round Trips, Add	*450.00*	
		For >12 Months, Deduct	*-33.60*	

01 52 19 Sanitary Facilities *(01 52)*

01 52 19 00-0001 Portable Toilets *(01 52 19)*

Note: Includes set-up, servicing once per week and removal.

01 52 19 00-0002	WK	Portable Chemical Toilet	35.00	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0003	MO	Portable Chemical Toilet	104.99	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0004	WK	ADA Portable Chemical Toilet	41.74	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0005	MO	ADA Portable Chemical Toilet	122.49	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0006	WK	Two Station Portable Handwash	31.18	
		For Each Delivery, Add	*45.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 19 00-0007	MO	Two Station Portable Handwash	94.57	
		For Each Delivery, Add	*45.00*	
01 52 19 00-0008	MO	Portable Toilets, Multi Trailer, 16'	2,855.50	
		Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink)		
01 52 19 00-0009	WK	Service Trailer Restrooms, 3 Times Per Week	2,140.62	

01 53 Temporary Construction *(01 50)*

01 53 16 Temporary Decking *(01 53)*

01 53 16 00-0001 Temporary Walkways And Railings *(01 53 16)*

Note: Includes removal after use.

01 53 16 00-0002	SF	Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	5.21	
01 53 16 00-0003	LF	Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail	27.13	
01 53 16 00-0004	LF	Temporary Wood Guardrail Base, 12" x 12" Timber Beam	9.15	
01 53 16 00-0005	RSR	Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers	18.52	

01 53 23 Temporary Ramps *(01 53)*

01 53 23 00-0001 Temporary Plywood For Wheel Barrow Access *(01 53 23)*

Note: Includes removal after use.

01 53 23 00-0002	SF	Temporary Plywood For Wheel Barrow Access	1.30	0.42

01 54 Construction Aids *(01 50)*

01 54 23 Temporary Scaffolding And Platforms *(01 54)*

01 54 23 00-0001 Scaffolding *(01 54 23)*

Note: Additional scaffolding rental for work above the normal working height of 14'.

01 54 23 00-0002 Scaffolding Rental - Rental Only *(01 54 23 00-0001)*

Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.

01 54 23 00-0003	CCF	Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month)	21.82
		For Up To 25, Add	*8.73*
		For >25 To 50, Add	*5.46*
		For >50 To 150, Add	*2.18*
01 54 23 00-0004	CCF	Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	24.53
		For Up To 25, Add	*9.81*
		For >25 To 50, Add	*6.13*
		For >50 To 150, Add	*2.45*
01 54 23 00-0005	CCF	Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month)	32.73
		For Up To 25, Add	*13.09*
		For >25 To 50, Add	*8.18*
		For >50 To 150, Add	*3.27*

01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.

01 54 23 00-0007	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	44.30
01 54 23 00-0008	CCF	>20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	55.38
01 54 23 00-0009	CCF	>40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	66.46
01 54 23 00-0010	CCF	>60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	73.10
01 54 23 00-0011	CCF	>80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	84.18
01 54 23 00-0012	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories	53.17

01 54 23 00-0013 Heavy Duty Masonry Scaffolding Rental - Rental Only *(01 54 23 00-0001)*

Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection.

01 54 23 00-0014	CCF	Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	38.91
01 54 23 00-0015	CCF	Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month)	71.34
01 54 23 00-0016	LF	Aluminum Joists (LF / Month)	6.33
01 54 23 00-0017	LF	Aluminum Stringers (LF / Month)	9.07
01 54 23 00-0018	EA	Screw Jack With U-Plate For Stringers (EA / Month)	11.43

01 54 23 00-0019 Heavy Duty Masonry Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.

01 54 23 00-0020	CCF	Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	70.89
01 54 23 00-0021	CCF	>20' To 40' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	88.61
01 54 23 00-0022	CCF	>40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	106.32
01 54 23 00-0023	CCF	>60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	115.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0024	CCF	>80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	128.47	

01 54 23 00-0025 Scaffolding Accessories *(01 54 23 00-0001)*

See CSI section 01 54 23 00-0019 for erection.

01 54 23 00-0026	CSF	Netting for Exterior Building Scaffolding Note: Includes removal after use.	27.62	

01 54 23 00-0027 Rolling Scaffolding *(01 54 23)*

Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.

01 54 23 00-0028	DAY	Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	8.29	
01 54 23 00-0029	WK	Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	33.21	
01 54 23 00-0030	MO	Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	132.82	
01 54 23 00-0031	DAY	Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	13.87	
01 54 23 00-0032	WK	Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	55.56	
01 54 23 00-0033	MO	Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	222.27	
01 54 23 00-0034	EA	Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold, >14' To 20'	88.43	
01 54 23 00-0035	EA	Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold, >20' To 40'	110.54	

01 54 23 00-0036 Shoring Posts *(01 54 23)*

Note: Includes moving to perform task and removal after use. No additional cost for relocating will be allowed.

01 54 23 00-0037	DAY	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	4.57	
01 54 23 00-0038	WK	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	13.71	
01 54 23 00-0039	MO	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	22.84	

01 54 23 00-0040 Temporary Lumber For Platforms, Scaffolding And Bracing *(01 54 23)*

Note: Includes removal after use.

01 54 23 00-0041	SF	5/16" CD Grade Plywood, Temporary Lumber	1.45	0.59
01 54 23 00-0042	SF	1/2" CD Grade Plywood, Temporary Lumber	1.70	0.59
01 54 23 00-0043	SF	5/8" CD Grade Plywood, Temporary Lumber	1.94	0.59
01 54 23 00-0044	SF	3/4" CD Grade Plywood, Temporary Lumber	2.19	0.59
01 54 23 00-0045	SF	1" CD Grade Plywood, Temporary Lumber	3.15	0.88
01 54 23 00-0046	LF	2" x 4" Temporary Lumber	1.07	1.23
01 54 23 00-0047	LF	2" x 6" Temporary Lumber	1.60	1.23
01 54 23 00-0048	LF	2" x 8" Temporary Lumber	2.14	1.23
01 54 23 00-0049	LF	2" x 10" Temporary Lumber	2.68	1.23
01 54 23 00-0050	LF	2" x 12" Temporary Lumber	3.21	1.23
01 54 23 00-0051	LF	3" x 8" Temporary Lumber	3.21	1.23
01 54 23 00-0052	LF	3" x 10" Temporary Lumber	4.01	1.23
01 54 23 00-0053	LF	3" x 12" Temporary Lumber	4.81	1.23
01 54 23 00-0054	LF	4" x 4" Temporary Lumber	2.28	0.62
01 54 23 00-0055	LF	4" x 6" Temporary Lumber	3.23	0.77
01 54 23 00-0056	LF	6" x 6" Temporary Lumber	4.20	0.92
01 54 23 00-0057	LF	6" x 8" Temporary Lumber	5.44	1.15
01 54 23 00-0058	LF	12" x 12" Temporary Lumber	13.11	1.84

01 54 23 00-0059 Temporary Precast Concrete Blocks *(01 54 23)*

Note: Includes removal after use.

01 54 23 00-0060	EA	2' x 2' x 2' Temporary Precast Concrete Block	85.37	
01 54 23 00-0061	EA	2' x 2' x 4' Temporary Precast Concrete Block	106.73	
01 54 23 00-0062	EA	2' x 2' x 8' Temporary Precast Concrete Block	128.07	

01 54 26 Temporary Swing Staging *(01 54)*

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.

01 54 26 00-0001 Swing Stage *(01 54 26)*

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.

01 54 26 00-0002	MO	7' Swing Stage, Electric Operated	1,710.34	
01 54 26 00-0003	MO	10' Swing Stage, Electric Operated	1,795.85	
01 54 26 00-0004	MO	14' Swing Stage, Electric Operated	1,881.37	
01 54 26 00-0005	MO	20' Swing Stage, Electric Operated	1,966.89	
01 54 26 00-0006	MO	24' Swing Stage, Electric Operated	2,052.40	
01 54 26 00-0007	MO	30' Swing Stage, Electric Operated	2,137.92	
01 54 26 00-0008	MO	42' Swing Stage, Electric Operated	2,223.44	
01 54 26 00-0009	MO	12' Swing Stage, Manually Operated	493.20	
01 54 26 00-0010	MO	24' Swing Stage, Manually Operated	616.50	
01 54 26 00-0011	EA	Swing Stage Platform From Hooks, Erection And Dismantling Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	3,771.03	
01 54 26 00-0012	EA	Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	5,240.48	
01 54 26 00-0013	EA	Move Swing Stage Platform From Hooks To Different Location At Same Roof	1,982.89	
01 54 26 00-0014	EA	Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof	2,761.87	

01 55 Vehicular Access And Parking *(01 50)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 23		**Temporary Roads** *(01 55)*		
01 55 23 00-0001		Temporary Stabilized Construction Entrance *(01 55 23)*		
		Note: As per Caltrans detail.		
01 55 23 00-0002	SF	3" To 4" Rock Temporary Stabilized Construction Entrance Assembly	4.04	
		Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.		
01 55 23 00-0003	SF	>4" To 6" Rock Temporary Stabilized Construction Entrance Assembly	4.88	
		Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.		
01 55 23 00-0004		Rumble Trench Plate *(01 55 23)*		
01 55 23 00-0005	MO	8' x 10' Steel Rumble Trench Plate Rental	228.44	
01 55 23 00-0006	EA	Place And Remove Rumble Plate	77.36	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
01 55 23 00-0007	EA	Relocate And Adjust Location Of Rumble Plate	19.34	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
01 55 23 00-0008		Temporary Road Ramps (Godwin) *(01 55 23)*		
		Note: Excludes asphalt and gravel.		
01 55 23 00-0009	EA	4" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	2,896.15	170.20
01 55 23 00-0010	EA	6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	3,955.31	255.29
01 55 23 00-0011	EA	8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	5,458.93	340.39
01 55 23 00-0012	EA	12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin)	11,185.13	425.49
01 55 23 00-0013	EA	24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin)	16,355.72	510.59
01 55 26		**Traffic Control** *(01 55)*		
01 55 26 00-0001		Pedestrian Traffic Control *(01 55 26)*		
01 55 26 00-0002	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	11.74	
01 55 26 00-0003	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	16.13	
01 55 26 00-0004	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	8.08	
01 55 26 00-0005	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	10.27	
01 55 26 00-0006	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent	11.70	
01 55 26 00-0007	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent	17.35	
01 55 26 00-0008	CLF	1" Exterior Vinyl Tape (Warning Tape)	14.88	
01 55 26 00-0009	CLF	2" Exterior Vinyl Tape (Warning Tape)	22.08	
01 55 26 00-0010	CLF	3" Exterior Vinyl Tape (Warning Tape)	29.22	
01 55 26 00-0011	CLF	4" Exterior Vinyl Tape (Warning Tape)	34.28	
01 55 26 00-0012		Removable Preformed Traffic Black Line Mask *(01 55 26)*		
		Note: Includes installation and removal after use.		
01 55 26 00-0013	LF	6" Removable Traffic Black Line Mask	4.51	
01 55 26 00-0014	LF	8" Removable Traffic Black Line Mask	5.53	
01 55 26 00-0015		Temporary Preformed Traffic Line Tape *(01 55 26)*		
		Note: Includes installation and removal after use.		
01 55 26 00-0016	LF	4" Reflective Removable Traffic Line Tape	3.42	
01 55 26 00-0017	LF	6" Reflective Removable Traffic Line Tape	4.55	
01 55 26 00-0018	LF	8" Reflective Removable Traffic Line Tape	5.62	
01 55 26 00-0019		Temporary Painted Traffic Lines *(01 55 26)*		
		Note: Includes installation and removal after use.		
01 55 26 00-0020	LF	4" Temporary Painted Traffic Lines	1.86	
		For Not Removed, Deduct	*-2.52*	
01 55 26 00-0021	LF	6" Temporary Painted Traffic Lines	2.44	
		For Not Removed, Deduct	*-3.44*	
01 55 26 00-0022	LF	8" Temporary Painted Traffic Lines	3.06	
		For Not Removed, Deduct	*-4.35*	
01 55 26 00-0023	EA	2" High x 2" Wide Temporary Overlay Pavement Markers, "L" With Factory-Applied Adhesive Pad	2.44	
01 55 26 00-0024	EA	2" High x 4" Wide Temporary Overlay Pavement Markers, "L" With Factory-Applied Adhesive Pad	2.45	
01 55 26 00-0025		Linear Delineation System, Temporary Or Permanent *(01 55 26)*		
		Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.		
01 55 26 00-0026	LF	4" Linear Delineation System	6.86	
01 55 26 00-0027	LF	6" Linear Delineation System	9.15	
01 55 26 00-0028		Traffic Protection *(01 55 26)*		
01 55 26 00-0029		Portable Traffic Control Device Usage *(01 55 26 00-0028)*		
		Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0104 for delivery, placing and removal.		
01 55 26 00-0030	DAY	28" Cone With Reflective Collar	0.49	
01 55 26 00-0031	WK	28" Cone With Reflective Collar	1.47	
01 55 26 00-0032	MO	28" Cone With Reflective Collar	4.41	
01 55 26 00-0033	DAY	Vertical Panel	1.48	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0034	WK	Vertical Panel	4.44	
01 55 26 00-0035	MO	Vertical Panel	13.33	
01 55 26 00-0036	DAY	Channelizer Drum	1.61	
01 55 26 00-0037	WK	Channelizer Drum	4.82	
01 55 26 00-0038	MO	Channelizer Drum	14.47	
01 55 26 00-0039	DAY	Stackable Channelizer Panel	0.76	
01 55 26 00-0040	WK	Stackable Channelizer Panel	2.28	
01 55 26 00-0041	MO	Stackable Channelizer Panel	6.84	
01 55 26 00-0042	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	1.05	
01 55 26 00-0043	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	3.16	
01 55 26 00-0044	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	9.48	
01 55 26 00-0045	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	2.33	
01 55 26 00-0046	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	7.00	
01 55 26 00-0047	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	21.01	
01 55 26 00-0048	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails	2.66	
01 55 26 00-0049	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails	7.98	
01 55 26 00-0050	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails	23.94	
01 55 26 00-0051	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	4.87	
01 55 26 00-0052	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	14.60	
01 55 26 00-0053	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails	43.80	
01 55 26 00-0054	DAY	Up To 10' Wide A Frame Barricade	2.67	
01 55 26 00-0055	WK	Up To 10' Wide A Frame Barricade	8.01	
01 55 26 00-0056	MO	Up To 10' Wide A Frame Barricade	24.02	
01 55 26 00-0057	DAY	Type A Or C Flasher	0.54	
01 55 26 00-0058	WK	Type A Or C Flasher	1.63	
01 55 26 00-0059	MO	Type A Or C Flasher	4.90	
01 55 26 00-0060	DAY	Type B Flasher (High Intensity)	2.95	
01 55 26 00-0061	WK	Type B Flasher (High Intensity)	8.85	
01 55 26 00-0062	MO	Type B Flasher (High Intensity)	26.56	

01 55 26 00-0063 Traffic Barriers Usage *(01 55 26 00-0028)*

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0104 for delivery, placing and removal.

01 55 26 00-0064	DAY	6' Long Portable Parking Curbs	1.27	
01 55 26 00-0065	WK	6' Long Portable Parking Curbs	3.81	
01 55 26 00-0066	MO	6' Long Portable Parking Curbs	11.44	
01 55 26 00-0067	DAY	6' Long Portable Speed Bumps	3.76	
01 55 26 00-0068	WK	6' Long Portable Speed Bumps	11.28	
01 55 26 00-0069	MO	6' Long Portable Speed Bumps	33.85	
01 55 26 00-0070	DAY	Up To 12.5' Concrete Traffic Barrier	9.04	
01 55 26 00-0071	WK	Up To 12.5' Concrete Traffic Barrier	27.11	
01 55 26 00-0072	MO	Up To 12.5' Concrete Traffic Barrier	81.33	
01 55 26 00-0073	DAY	>12.5' To 20' Concrete Traffic Barrier	18.07	
01 55 26 00-0074	WK	>12.5' To 20' Concrete Traffic Barrier	54.22	
01 55 26 00-0075	MO	>12.5' To 20' Concrete Traffic Barrier	162.65	
01 55 26 00-0076	DAY	6' x 32" Tall Plastic Water Barrier	10.79	
01 55 26 00-0077	WK	6' x 32" Tall Plastic Water Barrier	32.37	
01 55 26 00-0078	MO	6' x 32" Tall Plastic Water Barrier	97.12	
01 55 26 00-0079	DAY	6' x 46" Tall Plastic Water Barrier	15.41	
01 55 26 00-0080	WK	6' x 46" Tall Plastic Water Barrier	46.23	
01 55 26 00-0081	MO	6' x 46" Tall Plastic Water Barrier	138.68	
01 55 26 00-0082	DAY	Sand Filled Crash Attenuator Barrels	6.03	
01 55 26 00-0083	WK	Sand Filled Crash Attenuator Barrels	18.09	
01 55 26 00-0084	MO	Sand Filled Crash Attenuator Barrels	54.28	

01 55 26 00-0085 Portable Signs And Message Displays Usage *(01 55 26 00-0028)*

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0104 for delivery, placing and removal.

01 55 26 00-0086	DAY	Mesh Or Vinyl Roll-up Sign With Stand	4.74	
01 55 26 00-0087	WK	Mesh Or Vinyl Roll-up Sign With Stand	14.21	
01 55 26 00-0088	MO	Mesh Or Vinyl Roll-up Sign With Stand	42.62	
01 55 26 00-0089	DAY	Aluminum Sign And Post	2.54	
01 55 26 00-0090	WK	Aluminum Sign And Post	7.61	
01 55 26 00-0091	MO	Aluminum Sign And Post	22.84	
01 55 26 00-0092	DAY	Aluminum Sign And A Frame Stand	3.58	
01 55 26 00-0093	WK	Aluminum Sign And A Frame Stand	10.74	
01 55 26 00-0094	MO	Aluminum Sign And A Frame Stand	32.22	
01 55 26 00-0095	DAY	Trailer Mounted Flashing Arrow Board	87.00	
01 55 26 00-0096	WK	Trailer Mounted Flashing Arrow Board	240.79	
01 55 26 00-0097	MO	Trailer Mounted Flashing Arrow Board	410.00	
01 55 26 00-0098	DAY	Trailer Mounted Portable Variable Message Sign (PVMS)	300.00	
01 55 26 00-0099	WK	Trailer Mounted Portable Variable Message Sign (PVMS)	800.00	
01 55 26 00-0100	MO	Trailer Mounted Portable Variable Message Sign (PVMS)	1,600.00	
01 55 26 00-0101	DAY	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	806.26	
01 55 26 00-0102	WK	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	2,418.78	
01 55 26 00-0103	MO	Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	7,256.34	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0104		Place And Remove Traffic Protection Using Truck *(01 55 26 00-0028)*		
		Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0039 for delivery >15 miles.		
01 55 26 00-0105	EA	Place And Remove Up To 250 Cones Using Truck	3.81	
01 55 26 00-0106	EA	Place And Remove >250 Cones Using Truck	3.04	
01 55 26 00-0107	EA	Place And Remove Up To 250 Panels/Channelizers Using Truck	5.08	
01 55 26 00-0108	EA	Place And Remove >250 Panels/Channelizers Using Truck	4.07	
01 55 26 00-0109	EA	Place And Remove Up To 250 Barricades Using Truck	7.61	
01 55 26 00-0110	EA	Place And Remove >250 Barricades Using Truck	6.09	
01 55 26 00-0111	EA	Place And Remove Curbs/Speed Bumps Using Truck	7.61	
01 55 26 00-0112	EA	Place And Remove Portable Sign And Stand Using Truck	4.57	
01 55 26 00-0113	EA	Place And Remove Aluminum Sign And Post Using Truck	19.04	
01 55 26 00-0114	EA	Place And Remove Trailer Mounted Boards And Signals Using Truck	57.11	
01 55 26 00-0115	EA	Place And Remove Up To 12.5' Concrete Traffic Barrier	77.36	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	*193.40*	
		For 2 Barriers, Add	*69.62*	
		For 3 Barriers, Add	*23.21*	
01 55 26 00-0116	EA	Place And Remove >12.5' Concrete Traffic Barrier	116.05	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	*290.13*	
		For 2 Barriers, Add	*104.45*	
		For 3 Barriers, Add	*34.82*	
01 55 26 00-0117	EA	Place And Remove Plastic Water Barrier	42.81	
		Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	*96.70*	
		For 2 Barriers, Add	*34.81*	
		For 3 Barriers, Add	*11.60*	
01 55 26 00-0118	EA	Place And Remove Crash Attenuator Barrels	58.02	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
		For 1 Barrier, Add	*145.05*	
		For 2 Barriers, Add	*52.22*	
		For 3 Barriers, Add	*17.41*	
01 55 26 00-0119		Place And Remove Traffic Protection From Roadside (Daily) *(01 55 26 00-0028)*		
01 55 26 00-0120	EA	Place And Remove Up To 250 Cones By Hand From Roadside	1.90	
01 55 26 00-0121	EA	Place And Remove >250 Cones By Hand From Roadside	1.52	
01 55 26 00-0122	EA	Place And Remove Up To 250 Panels/Channelizers By Hand From Roadside	2.53	
01 55 26 00-0123	EA	Place And Remove >250 Panels/Channelizers By Hand From Roadside	2.02	
01 55 26 00-0124	EA	Place And Remove Up To 250 Barricades By Hand From Roadside	3.81	
01 55 26 00-0125	EA	Place And Remove >250 Barricades By Hand From Roadside	3.04	
01 55 26 00-0126	EA	Place And Remove Portable Sign And Stand From Roadside	2.26	
01 55 26 00-0127	EA	Place And Remove Trailer Mounted Boards And Signals From Roadside	28.56	
01 55 26 00-0128	EA	Roadside Relocation Of Concrete Traffic Barrier	38.68	
		Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.		
01 55 26 00-0129		Temporary Rumble Strips *(01 55 26)*		
		Note: Includes removal after use.		
01 55 26 00-0130	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip	8.12	
01 55 26 00-0131	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip	5.95	

01 56 Temporary Barriers And Enclosures *(01 50)*

Note: Includes removal after use.

01 56 16 Temporary Dust Barriers *(01 56)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0001		Temporary Sheeting For Protection *(01 56 16)*		
		Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.		
01 56 16 00-0002	SF	6 Mil, Plastic Sheeting, Applied To Floors	0.29	
01 56 16 00-0003	SF	6 Mil, Plastic Sheeting, Applied To Walls	0.37	
01 56 16 00-0004	SF	6 Mil, Plastic Sheeting, Applied To Ceilings	0.50	
01 56 16 00-0005	SF	6 Mil, Plastic Sheeting, Applied To Scaffolding	0.49	
01 56 16 00-0006	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors	0.34	
01 56 16 00-0007	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls	0.42	
01 56 16 00-0008	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings	0.55	
01 56 16 00-0009	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding	0.52	
01 56 16 00-0010	SF	10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.63	
01 56 16 00-0011	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Floors	0.35	
01 56 16 00-0012	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Walls	0.43	
01 56 16 00-0013	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Ceilings	0.56	
01 56 16 00-0014	SF	6 Mil, Fire Retardant, Anti Static, Plastic Sheeting, Applied To Scaffolding	0.53	
01 56 16 00-0015	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Floors	0.35	
01 56 16 00-0016	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Walls	0.43	
01 56 16 00-0017	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings	0.56	
01 56 16 00-0018	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.53	
01 56 16 00-0019	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors	0.39	
01 56 16 00-0020	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls	0.47	
01 56 16 00-0021	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings	0.60	
01 56 16 00-0022	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding	0.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 56 16 00-0023 Accessories For Temporary Sheeting *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0024	EA	7' Zipper Door For Plastic Sheeting	18.38	
01 56 16 00-0025	LF	Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall) Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors.	6.30	

01 56 16 00-0026 Magnetic Barriers For Temporary Sheeting *(01 56 16)*

01 56 16 00-0027	EA	Magnetic Dust Barrier Door System For Plastic Sheeting. Note: Multi use. Excludes spring poles and magnetic strips.	18.26	
01 56 16 00-0028	EA	29" To 50", Dust Barrier Spring Pole For Door System Note: Multi use.	5.15	
01 56 16 00-0029	EA	Magnetic Strip For Door System Note: Multi use.	2.64	

01 56 16 00-0030 Temporary Critical Barriers For Protection *(01 56 16)*

Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.

01 56 16 00-0031	EA	Up To 1 SF Individual Critical Barriers Note: For Outlets And Receptacles	9.87	
01 56 16 00-0032	EA	>1 To 4 SF Individual Critical Barriers Note: For diffusers, ceiling speakers, return grilles, etc.	14.92	
01 56 16 00-0033	EA	>4 To 8 SF Individual Critical Barriers Note: For diffusers, return grilles, access doors, light fixtures, etc.	20.01	
01 56 16 00-0034	EA	>8 To 32 SF Individual Critical Barriers Note: For doors, windows, etc.	30.95	

01 56 16 00-0035 Temporary Stud Wall *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0036 Temporary Stud Wall With Drywall *(01 56 16 00-0035)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.

01 56 16 00-0037 Temporary Stud Wall With Drywall *(01 56 16 00-0036)*

01 56 16 00-0038	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.09	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0039	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.09	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0040	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.16	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0041	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.04	
		For Metal Studs 24" On Center, Add/Deduct		*0.52*
01 56 16 00-0042	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.04	
		For Metal Studs 24" On Center, Add/Deduct		*0.52*
01 56 16 00-0043	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.18	
		For Metal Studs 24" On Center, Add/Deduct		*0.52*

01 56 16 00-0044 Temporary Stud Wall With Fire Rated Drywall *(01 56 16 00-0036)*

01 56 16 00-0045	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.17	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0046	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.19	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0047	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.15	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0048	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	5.69	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0049	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.20	
		For Metal Studs 24" On Center, Add/Deduct		*0.52*
01 56 16 00-0050	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.25	
		For Metal Studs 24" On Center, Add/Deduct		*0.52*
01 56 16 00-0051	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.17	
		For Metal Studs 24" On Center, Add/Deduct		*0.52*
01 56 16 00-0052	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.24	
		For Metal Studs 24" On Center, Add/Deduct		*0.52*

01 56 16 00-0053 Temporary Stud Wall With Oriented Strand Board (OSB) *(01 56 16 00-0035)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.

01 56 16 00-0054	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.02	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0055	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.06	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0056	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.15	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0057	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.20	
		For Metal Studs 24" On Center, Add/Deduct		*0.44*
01 56 16 00-0058	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.91	
		For Metal Studs 24" On Center, Add/Deduct		*0.52*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0059	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	6.98	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0060	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.17	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0061	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.27	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	

01 56 16 00-0062 Temporary Stud Wall With BC Plywood *(01 56 16 00-0035)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.

01 56 16 00-0063	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.25	
		For Metal Studs 24" On Center, Add/Deduct	*0.44*	
01 56 16 00-0064	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.37	
		For Metal Studs 24" On Center, Add/Deduct	*0.44*	
01 56 16 00-0065	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.55	
		For Metal Studs 24" On Center, Add/Deduct	*0.44*	
01 56 16 00-0066	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.67	
		For Metal Studs 24" On Center, Add/Deduct	*0.44*	
01 56 16 00-0067	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.37	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0068	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.62	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0069	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	7.98	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0070	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.20	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	

01 56 16 00-0071 Temporary Stud Wall With Plastic Sheeting *(01 56 16 00-0035)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.

01 56 16 00-0072	SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	2.90	
		For Metal Studs 24" On Center, Add/Deduct	*0.34*	
01 56 16 00-0073	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	2.94	
		For Metal Studs 24" On Center, Add/Deduct	*0.34*	
01 56 16 00-0074	SF	6 Mil, Fire Retardant, Anti-Static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	2.96	
		For Metal Studs 24" On Center, Add/Deduct	*0.34*	
01 56 16 00-0075	SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	2.95	
		For Metal Studs 24" On Center, Add/Deduct	*0.34*	
01 56 16 00-0076	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.00	
		For Metal Studs 24" On Center, Add/Deduct	*0.34*	

01 56 16 00-0077 Temporary Doors *(01 56 16 00-0035)*

Note: For temporary stud walls. Includes removal after use.

01 56 16 00-0078	EA	Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	513.05	

01 56 16 00-0079 Temporary Floor Protection *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0080	SF	1/2" Plywood For Temporary Floor Protection	1.55	
01 56 16 00-0081	SF	3/4" Plywood For Temporary Floor Protection	1.90	
01 56 16 00-0082	LF	38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection	0.83	
01 56 16 00-0083	LF	36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection	0.27	
01 56 16 00-0084	CSF	3 Mil, Temporary Self-adhesive Carpet Protection Film	17.07	

01 56 16 00-0085 Sticky Mats *(01 56 16)*

Note: Includes removal after use.

01 56 16 00-0086	EA	18" x 36", 30 Layer Sticky Mat	22.39	
		For 60 Layers Instead Of 30, Add	*14.14*	
01 56 16 00-0087	EA	18" x 46", 30 Layer Sticky Mat	25.53	
		For 60 Layers Instead Of 30, Add	*16.49*	
01 56 16 00-0088	EA	24" x 36", 30 Layer Sticky Mat	25.53	
		For 60 Layers Instead Of 30, Add	*16.49*	
01 56 16 00-0089	EA	25" x 45", 30 Layer Sticky Mat	33.38	
		For 60 Layers Instead Of 30, Add	*22.38*	
01 56 16 00-0090	EA	36" x 36", 30 Layer Sticky Mat	36.52	
		For 60 Layers Instead Of 30, Add	*24.74*	
01 56 16 00-0091	EA	36" x 46", 30 Layer Sticky Mat	39.66	
		For 60 Layers Instead Of 30, Add	*27.09*	
01 56 16 00-0092	EA	36" x 60", 30 Layer Sticky Mat	78.93	
		For 60 Layers Instead Of 30, Add	*56.54*	
01 56 16 00-0093	EA	36" x 72", 30 Layer Sticky Mat	94.00	

01 56 26 Temporary Fencing *(01 56)*

01 56 26 00-0001 Temporary Fencing *(01 56 26)*

Note: Includes set-up and removal after use. Excludes auguring/drilling for posts.

01 56 26 00-0002 Temporary Chain Link Fence *(01 56 26 00-0001)*

Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0024 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.

01 56 26 00-0003 Temporary Chain Link Fence, Up To 6 Months *(01 56 26 00-0002)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	5.28	
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.25*	
		For >500, Deduct	*-0.37*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	5.89	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.28*	
		For >500, Deduct	*-0.42*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	8.08	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.70*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	17.65	
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-2.09*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0008 Temporary Chain Link Fence, >6 To 12 Months *(01 56 26 00-0002)*

01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	5.53	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.27*	
		For >500, Deduct	*-0.41*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	6.16	
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.30*	
		For >500, Deduct	*-0.46*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	8.54	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.77*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	19.03	
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.29*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0013 Temporary Chain Link Fence, >12 To 18 Months *(01 56 26 00-0002)*

01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	5.81	
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.30*	
		For >500, Deduct	*-0.45*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	6.47	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.50*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	9.06	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.85*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	20.56	
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.52*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0018 Temporary Chain Link Fence, >18 Months *(01 56 26 00-0002)*

01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months	6.10	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.33*	
		For >500, Deduct	*-0.49*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months	6.79	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.37*	
		For >500, Deduct	*-0.55*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0021	LF	Temporary 8' High Chain Link Fence And Posts, >18 Months	9.62	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.93*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0022	LF	Temporary 10' High Chain Link Fence And Posts, >18 Months	22.24	
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.77*	
		For Each LF Shade Cloth, Add	*4.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0023		Temporary Chain Link Fence Gates *(01 56 26 00-0001)* Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0024 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0024		Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0023)*		
01 56 26 00-0025		4' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*		
01 56 26 00-0026	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	209.37	
		For Each LF Shade Cloth, Add	*11.67*	
01 56 26 00-0027	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	356.38	
		For Each LF Shade Cloth, Add	*29.17*	
01 56 26 00-0028	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	398.89	
		For Each LF Shade Cloth, Add	*35.00*	
01 56 26 00-0029	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	454.15	
		For Each LF Shade Cloth, Add	*43.75*	
01 56 26 00-0030	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	543.77	
		For Each LF Shade Cloth, Add	*58.34*	
01 56 26 00-0031	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	605.49	
		For Each LF Shade Cloth, Add	*70.00*	
01 56 26 00-0032		6' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*		
01 56 26 00-0033	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	224.27	
		For Each LF Shade Cloth, Add	*18.59*	
01 56 26 00-0034	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	385.12	
		For Each LF Shade Cloth, Add	*46.49*	
01 56 26 00-0035	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	432.05	
		For Each LF Shade Cloth, Add	*55.78*	
01 56 26 00-0036	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	500.95	
		For Each LF Shade Cloth, Add	*69.73*	
01 56 26 00-0037	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	605.39	
		For Each LF Shade Cloth, Add	*92.97*	
01 56 26 00-0038	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	687.44	
		For Each LF Shade Cloth, Add	*111.57*	
01 56 26 00-0039		8' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*		
01 56 26 00-0040	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	250.52	
		For Each LF Shade Cloth, Add	*26.25*	
01 56 26 00-0041	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	441.70	
		For Shade Cloth, Add	*65.63*	
01 56 26 00-0042	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	493.82	
		For Shade Cloth, Add	*78.75*	
01 56 26 00-0043	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	565.46	
		For Shade Cloth, Add	*98.44*	
01 56 26 00-0044	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	691.08	
		For Shade Cloth, Add	*131.26*	
01 56 26 00-0045	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	802.90	
		For Shade Cloth, Add	*157.51*	
01 56 26 00-0046		10' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*		
01 56 26 00-0047	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	303.30	
		For Each LF Shade Cloth, Add	*34.64*	
01 56 26 00-0048	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	529.28	
		For Each LF Shade Cloth, Add	*86.59*	
01 56 26 00-0049	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	592.94	
		For Each LF Shade Cloth, Add	*103.91*	
01 56 26 00-0050	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	677.98	
		For Each LF Shade Cloth, Add	*129.89*	
01 56 26 00-0051	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	828.80	
		For Each LF Shade Cloth, Add	*173.18*	
01 56 26 00-0052	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	958.46	
		For Each LF Shade Cloth, Add	*207.82*	
01 56 26 00-0053		Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0023)*		
01 56 26 00-0054		4' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*		
01 56 26 00-0055	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	217.18	
		For Each LF Shade Cloth, Add	*11.67*	
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	368.53	
		For Each LF Shade Cloth, Add	*29.17*	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	412.78	
		For Each LF Shade Cloth, Add	*35.00*	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	469.78	
		For Each LF Shade Cloth, Add	*43.75*	
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	562.87	
		For Each LF Shade Cloth, Add	*58.34*	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	626.33	
		For Each LF Shade Cloth, Add	*70.00*	
01 56 26 00-0061		6' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*		
01 56 26 00-0062	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	232.44	
		For Each LF Shade Cloth, Add	*18.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	397.83	
		For Each LF Shade Cloth, Add	*46.49*	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	446.57	
		For Each LF Shade Cloth, Add	*55.78*	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	517.28	
		For Each LF Shade Cloth, Add	*69.73*	
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	625.36	
		For Each LF Shade Cloth, Add	*92.97*	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	709.22	
		For Each LF Shade Cloth, Add	*111.57*	

01 56 26 00-0068 8' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*

01 56 26 00-0069	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	259.50	
		For Each LF Shade Cloth, Add	*26.25*	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	455.67	
		For Shade Cloth, Add	*65.63*	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	509.79	
		For Shade Cloth, Add	*78.75*	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	583.43	
		For Shade Cloth, Add	*98.44*	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	713.04	
		For Shade Cloth, Add	*131.26*	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	826.86	
		For Shade Cloth, Add	*157.51*	

01 56 26 00-0075 10' High, Temporary Chain Link Fence Gates, >6 To 12 Months *(01 56 26 00-0053)*

01 56 26 00-0076	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	314.53	
		For Each LF Shade Cloth, Add	*34.64*	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	546.75	
		For Each LF Shade Cloth, Add	*86.59*	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	612.91	
		For Each LF Shade Cloth, Add	*103.91*	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	700.44	
		For Each LF Shade Cloth, Add	*129.89*	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	856.25	
		For Each LF Shade Cloth, Add	*173.18*	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	988.41	
		For Each LF Shade Cloth, Add	*207.82*	

01 56 26 00-0082 Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0023)*

01 56 26 00-0083 4' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	225.38	
		For Each LF Shade Cloth, Add	*11.67*	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	381.29	
		For Each LF Shade Cloth, Add	*29.17*	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	427.36	
		For Each LF Shade Cloth, Add	*35.00*	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	486.18	
		For Each LF Shade Cloth, Add	*43.75*	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	582.92	
		For Each LF Shade Cloth, Add	*58.34*	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	648.21	
		For Each LF Shade Cloth, Add	*70.00*	

01 56 26 00-0090 6' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	241.02	
		For Each LF Shade Cloth, Add	*18.59*	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	411.17	
		For Each LF Shade Cloth, Add	*46.49*	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	461.82	
		For Each LF Shade Cloth, Add	*55.78*	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	534.44	
		For Each LF Shade Cloth, Add	*69.73*	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	646.32	
		For Each LF Shade Cloth, Add	*92.97*	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	732.09	
		For Each LF Shade Cloth, Add	*111.57*	

01 56 26 00-0097 8' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	268.93	
		For Each LF Shade Cloth, Add	*26.25*	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	470.35	
		For Shade Cloth, Add	*65.63*	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	526.56	
		For Shade Cloth, Add	*78.75*	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	602.30	
		For Shade Cloth, Add	*98.44*	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	736.10	
		For Shade Cloth, Add	*131.26*	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	852.02	
		For Shade Cloth, Add	*157.51*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0104			10' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*		
01 56 26 00-0105		EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	326.32	
			For Each LF Shade Cloth, Add	*34.64*	
01 56 26 00-0106		EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	565.09	
			For Each LF Shade Cloth, Add	*86.59*	
01 56 26 00-0107		EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	633.87	
			For Each LF Shade Cloth, Add	*103.91*	
01 56 26 00-0108		EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	724.03	
			For Each LF Shade Cloth, Add	*129.89*	
01 56 26 00-0109		EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	885.08	
			For Each LF Shade Cloth, Add	*173.18*	
01 56 26 00-0110		EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,019.85	
			For Each LF Shade Cloth, Add	*207.82*	
01 56 26 00-0111			Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0023)*		
01 56 26 00-0112			4' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0113		EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	233.59	
			For Each LF Shade Cloth, Add	*11.67*	
01 56 26 00-0114		EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	394.05	
			For Each LF Shade Cloth, Add	*29.17*	
01 56 26 00-0115		EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	441.95	
			For Each LF Shade Cloth, Add	*35.00*	
01 56 26 00-0116		EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	502.59	
			For Each LF Shade Cloth, Add	*43.75*	
01 56 26 00-0117		EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	602.98	
			For Each LF Shade Cloth, Add	*58.34*	
01 56 26 00-0118		EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	670.08	
			For Each LF Shade Cloth, Add	*70.00*	
01 56 26 00-0119			6' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0120		EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	249.59	
			For Each LF Shade Cloth, Add	*18.59*	
01 56 26 00-0121		EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	424.51	
			For Each LF Shade Cloth, Add	*46.49*	
01 56 26 00-0122		EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	477.06	
			For Each LF Shade Cloth, Add	*55.78*	
01 56 26 00-0123		EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	551.59	
			For Each LF Shade Cloth, Add	*69.73*	
01 56 26 00-0124		EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	667.29	
			For Each LF Shade Cloth, Add	*92.97*	
01 56 26 00-0125		EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	754.96	
			For Each LF Shade Cloth, Add	*111.57*	
01 56 26 00-0126			8' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0127		EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	278.37	
			For Each LF Shade Cloth, Add	*26.25*	
01 56 26 00-0128		EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	485.02	
			For Shade Cloth, Add	*65.63*	
01 56 26 00-0129		EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	543.34	
			For Shade Cloth, Add	*78.75*	
01 56 26 00-0130		EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	621.17	
			For Shade Cloth, Add	*98.44*	
01 56 26 00-0131		EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	759.16	
			For Shade Cloth, Add	*131.26*	
01 56 26 00-0132		EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	877.17	
			For Shade Cloth, Add	*157.51*	
01 56 26 00-0133			10' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*		
01 56 26 00-0134		EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	338.12	
			For Each LF Shade Cloth, Add	*34.64*	
01 56 26 00-0135		EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	583.44	
			For Each LF Shade Cloth, Add	*86.59*	
01 56 26 00-0136		EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	654.84	
			For Each LF Shade Cloth, Add	*103.91*	
01 56 26 00-0137		EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	747.61	
			For Each LF Shade Cloth, Add	*129.89*	
01 56 26 00-0138		EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	913.91	
			For Each LF Shade Cloth, Add	*173.18*	
01 56 26 00-0139		EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,051.30	
			For Each LF Shade Cloth, Add	*207.82*	
01 56 26 00-0140			Temporary Chain Link Fence Panels (Portable) *(01 56 26 00-0001)*		
			Note: Includes delivery, set-up and removal. Excludes sandbags.		
01 56 26 00-0141			Temporary Chain Link Fence Panels (Portable), Up To 6 Months *(01 56 26 00-0140)*		
01 56 26 00-0142		LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	5.77	
			For >100 To 250, Deduct	*-0.15*	
			For >250 To 500, Deduct	*-0.29*	
			For >500, Deduct	*-0.44*	
			For Each LF Shade Cloth, Add	*1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	6.41	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.33*	
		For >500, Deduct	*-0.49*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	8.70	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.80*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0145 Temporary Chain Link Fence Panels (Portable), >6 To 12 Months *(01 56 26 00-0140)*

01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	6.02	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.32*	
		For >500, Deduct	*-0.48*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	6.68	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.36*	
		For >500, Deduct	*-0.53*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	9.17	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.87*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0149 Temporary Chain Link Fence Panels (Portable), >12 To 18 Months *(01 56 26 00-0140)*

01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	6.27	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.52*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	7.00	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.39*	
		For >500, Deduct	*-0.58*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	9.69	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.94*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0153 Temporary Chain Link Fence Panels (Portable), >18 Months *(01 56 26 00-0140)*

01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	6.58	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.56*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	7.31	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.63*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0156	LF	Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	10.23	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.02*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0157 Temporary Chain Link Fence Panels (Portable) Sandbags *(01 56 26 00-0140)*

01 56 26 00-0158	BAG	Temporary Chain Link Fence Panels (Portable) Sandbag Note: Includes placement and removal.	5.38	

01 56 26 00-0159 Relocate Chain Link Fence, Gates And Panels *(01 56 26 00-0001)*

Note: Excludes auguring/drilling for posts.

01 56 26 00-0160 Relocate Temporary Chain Link Fence On Site *(01 56 26 00-0159)*

01 56 26 00-0161	LF	Relocate Temporary 4' High Chain Link Fence And Posts	2.90	
01 56 26 00-0162	LF	Relocate Temporary 6' High Chain Link Fence And Posts	4.35	
01 56 26 00-0163	LF	Relocate Temporary 8' High Chain Link Fence And Posts	6.28	
01 56 26 00-0164	LF	Relocate Temporary 10' High Chain Link Fence And Posts	7.73	

01 56 26 00-0165 Relocate Temporary Chain Link Fence Panels On Site *(01 56 26 00-0159)*

01 56 26 00-0166	LF	Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	0.71	
01 56 26 00-0167	LF	Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	0.85	
01 56 26 00-0168	LF	Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	0.95	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0169			Relocate Temporary Chain Link Gates On Site *(01 56 26 00-0159)*		
01 56 26 00-0170		EA	Relocate Temporary 4' High Chain Link Vehicle Gate And Posts	92.05	
01 56 26 00-0171		EA	Relocate Temporary 6' High Chain Link Vehicle Gate And Posts	106.21	
01 56 26 00-0172		EA	Relocate Temporary 8' High Chain Link Vehicle Gate And Posts	131.00	
01 56 26 00-0173		EA	Relocate Temporary 10' High Chain Link Vehicle Gate And Posts	141.62	
01 56 26 00-0174			Temporary Safety Fence *(01 56 26)*		
			Note: Includes removal after use.		
01 56 26 00-0175		LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	2.57	

01 56 29 Temporary Protective Walkways *(01 56)*

01 56 29 00-0001			Temporary Sidewalk Bridge Protection *(01 56 29)*		
			Note: Includes removal after use.		
01 56 29 00-0002			Installation of Sidewalk Bridge *(01 56 29 00-0001)*		
01 56 29 00-0003		LF	Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	141.77	
			Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
			For 3 Post System, Add	*6.00*	
			For Each Additional Foot Over 8' Wide, Add	*3.00*	
			For Each Additional Foot Over 8' High, Add	*2.00*	
01 56 29 00-0004		LF	Installation of Netting for Sidewalk Bridge	3.62	
01 56 29 00-0005			Monthly Rental of Sidewalk Bridge *(01 56 29 00-0001)*		
01 56 29 00-0006		LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	8.58	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*1.29*	
01 56 29 00-0007		LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	9.66	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*1.45*	
01 56 29 00-0008		LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	10.73	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*1.61*	
01 56 29 00-0009		LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	10.73	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*1.61*	
01 56 29 00-0010		LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	11.79	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*1.77*	
01 56 29 00-0011		LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	13.96	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*2.09*	
01 56 29 00-0012		LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	12.89	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*1.93*	
01 56 29 00-0013		LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	15.03	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*2.25*	
01 56 29 00-0014		LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	16.08	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			For 3 Post System, Add	*2.41*	
01 56 29 00-0015		LF	Monthly Rental of Netting for Sidewalk Bridge	1.61	
01 56 29 00-0016			Removal of Sidewalk Bridge *(01 56 29 00-0001)*		
01 56 29 00-0017		LF	Removal of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	29.51	
			Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
			For 3 Post System, Add	*2.50*	
			For Each Additional Foot Over 8' Wide, Add	*1.25*	
			For Each Additional Foot Over 8' High, Add	*0.75*	
01 56 29 00-0018		LF	Removal of Netting for Sidewalk Bridge	1.81	
01 56 29 00-0019			Safety Nets *(01 56 29)*		
			Note: Includes removal after use.		
01 56 29 00-0020		SF	Small Mesh Debris Netting	1.47	
			Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.		

01 56 33 Temporary Security Barriers *(01 56)*

01 56 33 00-0001			Board-up Opening With Plywood *(01 56 33)*		
			Note: For use where directed by owner for boarding up door and window openings.		
01 56 33 00-0002		OPN	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	10.62	
01 56 33 00-0003		SF	Board-up Opening With 5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners	6.38	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 33 00-0004	SF	Board-up Opening With 3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners	7.40	

01 56 33 00-0005 Temporary Pedestrian Barricade *(01 56 33)*

Note: Portable, interlocking galvanized steel fence with pivoting legs.

01 56 33 00-0006	DAY	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	8.00	
01 56 33 00-0007	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	19.42	
01 56 33 00-0008	MO	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	58.25	

01 56 39 Temporary Tree And Plant Protection *(01 56)*

01 56 39 00-0001 Temporary Tree Guards *(01 56 39)*

Note: Includes digging holes and removal after use.

01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	142.18	
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	165.42	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	179.08	

01 57 Temporary Controls *(01 50)*

01 57 13 Temporary Erosion And Sediment Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.

01 57 23 Temporary Storm Water Pollution Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary storm water pollution control.

01 57 23 00-0001 Temporary Drain Guard *(01 57 23)*

Note: Includes removal after use.

01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	69.92	
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217) Note: Up to 0.87 gallons oil, up to 40 lbs sediment.	68.74	
01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219) Note: Up to 1.38 gallons oil, up to 40 lbs sediment.	85.29	
01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356) Note: Up to 1.55 gallons oil, up to 40 lbs sediment.	84.11	
01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358) Note: Up to 2.06 gallons oil, up to 40 lbs sediment.	101.85	

01 58 Project Identification *(01 50)*

Note: Includes removal after use.

01 58 13 Temporary Project Signage *(01 58)*

01 58 13 00-0001 Project Sign *(01 58 13)*

01 58 13 00-0002 MDO Plywood Signs *(01 58 13 00-0001)*

Note: Excludes posts.

01 58 13 00-0003 Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0004 Engineer Grade, Reflectorized, MDO Plywood Signs *(01 58 13 00-0003)*

01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	109.73	19.47
		For High-Intensity Grade, Add	*24.77*	
		For Diamond Grade, Add	*47.78*	
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	182.27	20.36
		For High-Intensity Grade, Add	*49.54*	
		For Diamond Grade, Add	*95.55*	
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	254.82	21.25
		For High-Intensity Grade, Add	*74.32*	
		For Diamond Grade, Add	*143.32*	
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	327.36	22.13
		For High-Intensity Grade, Add	*99.09*	
		For Diamond Grade, Add	*191.09*	
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	10.26	0.71
		For High-Intensity Grade, Add	*3.10*	
		For Diamond Grade, Add	*5.97*	

01 58 13 00-0010 Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0011 One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	134.97	19.47
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	159.66	20.36
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	197.99	21.25
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	234.19	22.13
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	7.35	0.71

01 58 13 00-0017 Full Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	137.68	19.47
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	174.24	20.36
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	212.79	21.25
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	246.89	22.13
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	7.74	0.71

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 58 13 00-0023			Fabricate And Install New Posts *(01 58 13 00-0001)*		
			Note: Includes excavation, backfill and compaction. Excludes core drilling.		
01 58 13 00-0024		LF	Galvanized Metal Channel Sign Posts	12.49	
01 58 13 00-0025		LF	4" x 4" Pressure Treated Wood Sign Posts	10.23	
01 58 13 00-0026		LF	4" x 6" Pressure Treated Wood Sign Posts	11.88	
01 58 13 00-0027			Owner Supplied Signs *(01 58 13 00-0001)*		
01 58 13 00-0028		EA	Installation And Removal Of Owner Supplied Project Sign	70.82	

01 60 Product Requirements *(01)*

01 66 Product Storage And Handling Requirements *(01 60)*

01 66 19 Product Handling Requirements *(01 66)*

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

01 66 19 00-0001			Transfer Delivered Materials Between Floors *(01 66 19)*		
			Note: For moving delivered, owner supplied or existing materials.		
01 66 19 00-0002		CY	Transfer Delivered Material Between Floors Via Stairs, Per Floor	13.62	
			Note: Quantity equals volume of materials multiplied by number of floors traveled.		
01 66 19 00-0003		CY	Transfer Delivered Material Between Floors Via Elevator, Per Trip	8.85	
			Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.		
01 66 19 00-0004		CY	Transfer Delivered Material Between Floors Via Freight Elevator, Per Trip	12.89	
			Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.		
01 66 19 00-0005			Transfer Delivered Materials Distances Greater Than 125' *(01 66 19)*		
			Note: For moving delivered, owner supplied or existing materials.		
01 66 19 00-0006		CY	Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'	5.54	
01 66 19 00-0007		CY	Transfer Delivered Material With 2 CY Cart Greater Than 125', Per CY Of Material Per 125'	22.13	
			Note: For delivery, demo or miscellaneous moving required by owner. Includes wrapping of cart and two person for movement.		
01 66 19 00-0008			Transfer Demolition Debris Between Floors *(01 66 19)*		
			Note: Only for use with demolition tasks.		
01 66 19 00-0009		CY	Transfer Demolition Debris Between Floors Via Stairs, Per Floor	17.53	
			Note: Quantity equals material volume times bulk factor times number of floors traveled.		
01 66 19 00-0010		CY	Transfer Demolition Debris Between Floors Via Elevator, Per Trip	10.51	
			Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.		
01 66 19 00-0011		CY	Rubbish Handling Via Freight Elevator, Per CY Of Material Per Trip	11.61	
01 66 19 00-0012			Transfer Demolition Debris Distances Greater Than 125' *(01 66 19)*		
01 66 19 00-0013		CY	Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'	5.54	
01 66 19 00-0014			Moving Furniture And Furnishings *(01 66 19)*		
			Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.		
01 66 19 00-0015		SF	Remove, Transport, Return And Reinstall Office Furniture And Furnishings	0.88	
			Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.		

01 70 Execution And Closeout Requirements *(01)*

01 71 Examination And Preparation *(01 70)*

01 71 13 Mobilization *(01 71)*

01 71 13 00-0001			Equipment Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*		
			Note: Excludes flagman for traffic control where necessary.		
01 71 13 00-0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck	246.26	
			Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.		
01 71 13 00-0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed	750.66	
			Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.		
01 71 13 00-0004			Crane Delivery, Pickup, Mobilization And Demobilization *(01 71 13)*		
			Note: Includes delivery of equipment, off loading on site and rigging. Return includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 13 00-0005	EA	Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	394.01	
		For >30 To 60 Miles Radius, Add	*98.50*	
		For >60 To 100 Miles Radius, Add	*157.60*	
01 71 13 00-0006	EA	20 To 30 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	640.27	
		For >30 To 60 Miles Radius, Add	*160.07*	
		For >60 To 100 Miles Radius, Add	*256.11*	
01 71 13 00-0007	EA	40 To 50 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	886.52	
		For >30 To 60 Miles Radius, Add	*221.63*	
		For >60 To 100 Miles Radius, Add	*354.61*	
01 71 13 00-0008	EA	70 To 100 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,428.29	
		For >30 To 60 Miles Radius, Add	*357.07*	
		For >60 To 100 Miles Radius, Add	*571.32*	
01 71 13 00-0009	EA	75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	1,132.78	
		For >30 To 60 Miles Radius, Add	*283.20*	
		For >60 To 100 Miles Radius, Add	*453.11*	
01 71 13 00-0010	EA	100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	1,822.30	
		For >30 To 60 Miles Radius, Add	*455.58*	
		For >60 To 100 Miles Radius, Add	*728.92*	
01 71 13 00-0011	EA	125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	2,295.10	
		For >30 To 60 Miles Radius, Add	*573.78*	
		For >60 To 100 Miles Radius, Add	*918.04*	
01 71 13 00-0012	EA	150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	2,846.72	
		For >30 To 60 Miles Radius, Add	*711.68*	
		For >60 To 100 Miles Radius, Add	*1,138.69*	
01 71 13 00-0013	EA	250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	4,137.09	
		For >30 To 60 Miles Radius, Add	*1,034.27*	
		For >60 To 100 Miles Radius, Add	*1,654.84*	
01 71 13 00-0014	EA	300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	5,910.14	
		For >30 To 60 Miles Radius, Add	*1,477.54*	
		For >60 To 100 Miles Radius, Add	*2,364.06*	
01 71 13 00-0015	EA	500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery and pickup.	8,126.44	
		For >30 To 60 Miles Radius, Add	*2,031.61*	
		For >60 To 100 Miles Radius, Add	*3,250.58*	

01 71 23 Field Engineering *(01 71)*

01 71 23 16 Construction Surveying *(01 71 23)*

01 71 23 16-0001 Conventional Topographic Survey *(01 71 23 16)*

Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.

01 71 23 16-0002	ACR	Survey Clear Area With Few To No Obstacles	929.06
01 71 23 16-0003	ACR	Survey Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings)	2,688.56
01 71 23 16-0004	ACR	Survey Clear Area With Few Structures, And/Or Wooded (5-25% Buildings)	3,853.37
01 71 23 16-0005	ACR	Survey Developed Areas With Several Structures (25-65% Buildings)	5,853.81
01 71 23 16-0006	ACR	Survey Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings)	7,351.22

01 71 23 16-0007 Property Lines Survey *(01 71 23 16)*

Note: Not to be added to tasks in the "Conventional Topographic Survey" section.

01 71 23 16-0008	LF	Survey Property Lines On Cleared Land	2.24
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	2.59
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land	3.04

01 71 23 16-0011 Survey Monument *(01 71 23 16)*

01 71 23 16-0012	EA	3' Precast Survey Monument	132.63
		For Owner Furnished Monument, Deduct	*-63.27*
01 71 23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover	195.18
01 71 23 16-0014	EA	Riser Ring For Survey Monument	97.71
01 71 23 16-0015	EA	Adjust Survey Monument Cover To Grade	189.83

01 71 23 16-0016 Facade Surveying *(01 71 23 16)*

01 71 23 16-0017	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors)	6.17

01 71 36 Non-Destructive Concrete Examination *(01 71)*

01 71 36 00-0001 Electromagnetic Survey *(01 71 36)*

Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).

01 71 36 00-0002 Electromagnetic (SIR/GPR) Survey *(01 71 36 00-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 36 00-0003	EA	Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	643.20	
01 71 36 00-0004	EA	>1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	964.80	
01 71 36 00-0005	EA	>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,929.60	

01 71 36 00-0006 Reports And Mapping For Electromagnetic (SIR/GPR) Surveys *(01 71 36 00-0001)*

01 71 36 00-0007	EA	Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.	214.40	
01 71 36 00-0008	EA	GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes GPS coordinates of located items and reference items.	428.80	
01 71 36 00-0009	EA	CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes additions to the owner provided CAD drawing.	964.80	

01 74 Cleaning And Waste Management *(01 70)*

01 74 13 Progress Cleaning *(01 74)*

Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.

01 74 13 00-0001 General *(01 74 13)*

01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent	17.72	
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed.	20.74	
01 74 13 00-0004	CSF	Wet Mop, Disinfect And HEPA Vacuum Floors (Three Step Process) Note: For use in contained areas for Class III or IV infection control.	16.58	

01 74 16 Site Maintenance *(01 74)*

01 74 16 00-0001 Parking Lot, Roads And Pathway Maintenance *(01 74 16)*

Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Do not use these tasks in conjunction with related installation/demolition tasks in the Construction Task Catalog®.

01 74 16 00-0002 Parking Lot, Road, And Street Sweeping *(01 74 16 00-0001)*

01 74 16 00-0003	MSF	Sweep Parking Lot, With Street Sweeper	17.59	
01 74 16 00-0004	MSF	Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	21.10	

01 74 19 Construction Waste Management And Disposal *(01 74)*

Note: Tasks in this section shall be used as directed by owner.

01 74 19 00-0001 Debris Chutes *(01 74 19)*

Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.

01 74 19 00-0002 Steel Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0003	LF	18" Diameter, Steel Temporary Debris Chute	28.53	
01 74 19 00-0004	LF	30" Diameter, Steel Temporary Debris Chute	42.52	

01 74 19 00-0005 Plastic Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0006	LF	24" Diameter, Plastic Temporary Debris Chute	11.27	
		For Steel Liner, Add		*2.13*
01 74 19 00-0007	LF	30" Diameter, Plastic Temporary Debris Chute	12.91	
		For Steel Liner, Add		*2.45*
01 74 19 00-0008	LF	36" Diameter, Plastic Temporary Debris Chute	14.55	
		For Steel Liner, Add		*2.76*

01 74 19 00-0009 Wood Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute Note: Includes fabrication and installation.	21.30	

01 74 19 00-0011 Construction Dumpsters Rental *(01 74 19)*

Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.

01 74 19 00-0012	EA	10 CY Dumpster (1 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	494.99	
		For Each Ton Over Indicated Amount, Add		*100.00*
01 74 19 00-0013	EA	15 CY Dumpster (1.5 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	590.00	
		For Each Ton Over Indicated Amount, Add		*100.00*
01 74 19 00-0014	EA	20 CY Dumpster (2 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	685.00	
		For Each Ton Over Indicated Amount, Add		*100.00*
01 74 19 00-0015	EA	30 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	784.98	
		For Each Ton Over Indicated Amount, Add		*100.00*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0016	EA	40 CY Dumpster (4 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	884.98	
		For Each Ton Over Indicated Amount, Add	*100.00*	
01 74 19 00-0017	EA	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.	884.98	
01 74 19 00-0018	EA	15 CY Low-Boy Dumpster Clean Recyclable Note: For clean dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.	847.05	
01 74 19 00-0019	EA	15 CY Low-Boy Dumpster Mixed Recyclable Note: For mixed dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.	910.26	

01 74 19 00-0020 Concrete Washout Service *(01 74 19)*

01 74 19 00-0021	MO	Rampless Concrete Washout Bin Note: Includes delivery.	589.50	
01 74 19 00-0022	MO	Ramped Concrete Washout Bin Note: Includes delivery.	707.40	
01 74 19 00-0023	EA	Interim Vacuum Service, Concrete Washout Bin Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	353.91	
01 74 19 00-0024	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	766.80	

01 74 19 00-0025 Debris Processing Fee *(01 74 19)*

01 74 19 00-0026 Material Recycling Fees *(01 74 19 00-0025)*

Note: Does not apply with use of dumpsters. Excludes hauling.

01 74 19 00-0027	CY	Drop-Off Asphalt At Recycling Center	14.93	
01 74 19 00-0028	CY	Drop-Off Non Reinforced Concrete At Recycling Center	20.00	
01 74 19 00-0029	CY	Drop-Off Reinforced Concrete At Recycling Center	30.00	
01 74 19 00-0030	CY	Drop-Off Brick Or Block At Recycling Center	26.00	
01 74 19 00-0031	CY	Drop-Off Dirt At Recycling Center	29.00	
01 74 19 00-0032	CY	Drop-Off Dimensional Lumber At Recycling Center	28.00	

01 74 19 00-0033 Landfill Dump Fees *(01 74 19 00-0025)*

Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.

01 74 19 00-0034	CY	Traditional Building Construction Materials Landfill Dump Fee	13.31	
01 74 19 00-0035	CY	Trees, Stumps And Brush, Landfill Dump Fee	16.02	
01 74 19 00-0036	CY	Hazardous Materials And Rubbish (Paint Cans, Etcetera) Landfill Dump Fee	38.20	
01 74 19 00-0037	CY	Excavated Dirt Landfill Dump Fee	12.82	
01 74 19 00-0038	CY	Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee	27.14	

01 74 19 00-0039 Hauling *(01 74 19)*

Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.

01 74 19 00-0040	CYM	Hauling On Paved Roads, First 15 Miles	0.74	
01 74 19 00-0041	CYM	Hauling On Paved Roads, Miles Over Initial 15 Miles	0.49	
01 74 19 00-0042	CYM	Hauling On Unimproved Roads, First 15 Miles	1.13	
01 74 19 00-0043	CYM	Hauling On Unimproved Roads, Miles Over Initial 15 Miles	0.89	

01 74 23 Final Cleaning *(01 74)*

01 74 23 00-0001 Glass *(01 74 23)*

01 74 23 00-0002	CSF	Clean Existing Glass Surfaces	23.38	

01 90 Life Cycle Activities *(01)*

01 91 Commissioning *(01 90)*

01 91 13 General Commissioning Requirements *(01 91)*

01 91 13 00-0001 Commissioning Of Systems *(01 91 13)*

Note: For use with commissioning of mechanical and electrical systems.

01 91 13 00-0002	HR	Commissioning - Fire Protection Sprinkler Systems	149.18	
01 91 13 00-0003	HR	Commissioning - Plumbing Systems	193.28	
01 91 13 00-0004	HR	Commissioning - HVAC/Mechanical Systems	217.45	
01 91 13 00-0005	HR	Commissioning - Electrical/Fire Alarms/Security Systems	198.93	

END OF SECTION 01

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MINOR CSI UOM DESCRIPTION — TOTAL DIRECT UNIT COST — DEMOLITION UNIT COST

02 Existing Conditions

02 20 Assessment (02)

02 25 Existing Material Assessment (02 20)

02 25 16 Existing Concrete, Masonry Or Asphalt Assessment (02 25)

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 25 16 13 Concrete Assessment Drilling (02 25 16)

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 30 Subsurface Investigation (02)

02 32 Geotechnical Investigations (02 30)

02 32 13 Subsurface Drilling And Sampling (02 32)

See CSI section 01 45 23 00-0000 for testing and lab reports.

02 32 13 00-0001 Mobilization Of Drilling Crew (02 32 13)

02 32 13 00-0002 EA Mobilization Of Drilling Crew 937.59

02 32 13 00-0003 Auger Borings (02 32 13)

02 32 13 00-0004 LF Standard Auger Hole With Split Spoon Sample At 5' Intervals 28.23

02 32 13 00-0005 Cased Borings In Earth, With Samples (02 32 13)

Note: All types of soils.

02 32 13 00-0006 LF 2-1/2" Diameter Cased Borings In Earth, With Samples 64.45

02 32 13 00-0007 LF 4" Diameter Cased Borings In Earth, With Samples 110.14

02 32 13 00-0008 Drilling In Rock, BW Core (2.125") (02 32 13)

02 32 13 00-0009 LF Drill In Rock, BW Core, With Casing 69.25

Note: Includes sampling.

02 32 13 00-0010 EA Drill In Rock, With BW Core Boxes 6.15

02 32 13 00-0011 Drilling In Rock, NW Core (2.98") (02 32 13)

02 32 13 00-0012 LF Drill In Rock, NW Core, With Casing 89.25

Note: Includes sampling.

02 32 13 00-0013 EA Drill In Rock, With NW Core Boxes 7.08

02 32 13 00-0014 Test Pits For Boring Activities (02 32 13)

Note: Excludes backfill. See CSI section 31 23 16 36-0016 for backfill.

02 32 13 00-0015 Backhoe Dug Test Pits (02 32 13 00-0014)

02 32 13 00-0016 CY Excavation For Test Pit, Light Material, Backhoe Excavation 54.59

02 32 13 00-0017 CY Excavation For Test Pits, Medium Material, Backhoe Excavation 63.68

02 32 13 00-0018 CY Excavation For Test Pit, Heavy Material, Backhoe Excavation 84.91

02 32 13 00-0019 Shelby Tube Sampling (02 32 13)

02 32 13 00-0020 EA Shelby Tube Sampling 30.91

02 32 13 00-0021 EA Penetration Test 25.19

02 32 13 00-0022 Grouting (02 32 13)

02 32 13 00-0023 VLF Boreholes 5.86

02 32 19 Exploratory Excavations (02 32)

02 32 19 00-0001 Hydro Excavation (02 32 19)

Note: Assumes on-site disposal.

02 32 19 00-0002 DAY Hydro Excavation, Mobilization 103.70

02 32 19 00-0003 DAY Hydro Excavation, Minimum Charge 414.79

Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.

02 32 19 00-0004 CY Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck) 34.56

Note: Normal soil conditions consist of silt, sand and gravel.

02 32 19 00-0005 CY Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck) 55.30

Note: Adverse soil conditions consist of clay, glacial till and rocks.

02 40 Demolition And Structure Moving (02)

02 41 Demolition (02 40)

02 41 13 Selective Site Demolition (02 41)

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 13 13 Paving Removal *(02 41 13)*

Note: Includes break-up of material, loading into truck or dumpster and clean-up. Salvage tasks include placement on pallets and storage on site.

02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	5.69	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000 To 2,500, Deduct	*-1.02*	
		For >2,500 To 5,000, Deduct	*-1.48*	
		For >5,000 To 10,000, Deduct	*-1.93*	
		For >10,000, Deduct	*-2.39*	
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	8.54	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000 To 2,500, Deduct	*-1.54*	
		For >2,500 To 5,000, Deduct	*-2.22*	
		For >5,000 To 10,000, Deduct	*-2.90*	
		For >10,000, Deduct	*-3.59*	
02 41 13 13-0004	SY	>6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving	11.39	
		For >500 To 1,000, Deduct	*-1.14*	
		For >1,000 To 2,500, Deduct	*-2.05*	
		For >2,500 To 5,000, Deduct	*-2.96*	
		For >5,000 To 10,000, Deduct	*-3.87*	
		For >10,000, Deduct	*-4.78*	
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	9.84	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000 To 2,500, Deduct	*-1.77*	
		For >2,500 To 5,000, Deduct	*-2.56*	
		For >5,000 To 10,000, Deduct	*-3.35*	
		For >10,000, Deduct	*-4.13*	
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	13.89	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000 To 2,500, Deduct	*-2.50*	
		For >2,500 To 5,000, Deduct	*-3.61*	
		For >5,000 To 10,000, Deduct	*-4.72*	
		For >10,000, Deduct	*-5.83*	
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	19.69	
		For >500 To 1,000, Deduct	*-1.97*	
		For >1,000 To 2,500, Deduct	*-3.54*	
		For >2,500 To 5,000, Deduct	*-5.12*	
		For >5,000 To 10,000, Deduct	*-6.69*	
		For >10,000, Deduct	*-8.27*	
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	27.79	
		For >500 To 1,000, Deduct	*-2.78*	
		For >1,000 To 2,500, Deduct	*-5.00*	
		For >2,500 To 5,000, Deduct	*-7.23*	
		For >5,000 To 10,000, Deduct	*-9.45*	
		For >10,000, Deduct	*-11.67*	
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	36.34	
		For >500 To 1,000, Deduct	*-3.63*	
		For >1,000 To 2,500, Deduct	*-6.54*	
		For >2,500 To 5,000, Deduct	*-9.45*	
		For >5,000 To 10,000, Deduct	*-12.36*	
		For >10,000, Deduct	*-15.26*	
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	47.25	
		For >500 To 1,000, Deduct	*-4.73*	
		For >1,000 To 2,500, Deduct	*-8.51*	
		For >2,500 To 5,000, Deduct	*-12.29*	
		For >5,000 To 10,000, Deduct	*-16.07*	
		For >10,000, Deduct	*-19.85*	

02 41 13 13-0011 By Hand, Break-up And Leave In Place Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas up to 100 SF where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 13 13-0032 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.41	
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	1.80	
02 41 13 13-0014	SF	>6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving	2.37	
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	1.78	
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	2.25	
02 41 13 13-0017	SF	>6" To 8" By Hand, Break-up And Leave In Place Concrete Paving	2.97	

02 41 13 13-0018 By Machine, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting. See CSI section 02 41 19 13-0001 for saw cutting.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0019	SY	Up To 3" By Machine, Break-up And Remove Bituminous Paving	10.99	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*3.30*	
		For Elevated Slab, Add	*5.50*	
		For >500 To 1,000, Deduct	*-1.10*	
		For >1,000 To 2,500, Deduct	*-1.98*	
		For >2,500 To 5,000, Deduct	*-2.86*	
		For >5,000 To 10,000, Deduct	*-3.74*	
		For >10,000, Deduct	*-4.62*	
02 41 13 13-0020	SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving	15.00	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*4.50*	
		For Elevated Slab, Add	*7.50*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000 To 2,500, Deduct	*-2.70*	
		For >2,500 To 5,000, Deduct	*-3.90*	
		For >5,000 To 10,000, Deduct	*-5.10*	
		For >10,000, Deduct	*-6.30*	
02 41 13 13-0021	SY	Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving	12.64	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*3.79*	
		For Elevated Slab, Add	*6.32*	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000 To 2,500, Deduct	*-2.28*	
		For >2,500 To 5,000, Deduct	*-3.29*	
		For >5,000 To 10,000, Deduct	*-4.30*	
		For >10,000, Deduct	*-5.31*	
02 41 13 13-0022	SY	>3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving	16.54	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*4.96*	
		For Elevated Slab, Add	*8.27*	
		For >500 To 1,000, Deduct	*-1.65*	
		For >1,000 To 2,500, Deduct	*-2.98*	
		For >2,500 To 5,000, Deduct	*-4.30*	
		For >5,000 To 10,000, Deduct	*-5.62*	
		For >10,000, Deduct	*-6.95*	
02 41 13 13-0023	SY	Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	16.77	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*5.03*	
		For Elevated Slab, Add	*8.39*	
		For >500 To 1,000, Deduct	*-1.68*	
		For >1,000 To 2,500, Deduct	*-3.02*	
		For >2,500 To 5,000, Deduct	*-4.36*	
		For >5,000 To 10,000, Deduct	*-5.70*	
		For >10,000, Deduct	*-7.04*	
02 41 13 13-0024	SY	>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	21.74	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*6.52*	
		For Elevated Slab, Add	*10.87*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000 To 2,500, Deduct	*-3.91*	
		For >2,500 To 5,000, Deduct	*-5.65*	
		For >5,000 To 10,000, Deduct	*-7.39*	
		For >10,000, Deduct	*-9.13*	
02 41 13 13-0025	SY	>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	36.02	
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	*10.81*	
		For Elevated Slab, Add	*18.01*	
		For >500 To 1,000, Deduct	*-3.60*	
		For >1,000 To 2,500, Deduct	*-6.48*	
		For >2,500 To 5,000, Deduct	*-9.37*	
		For >5,000 To 10,000, Deduct	*-12.25*	
		For >10,000, Deduct	*-15.13*	
02 41 13 13-0026	SY	Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	18.19	
		For Elevated Slab, Add	*9.10*	
		For >500 To 1,000, Deduct	*-1.82*	
		For >1,000 To 2,500, Deduct	*-3.27*	
		For >2,500 To 5,000, Deduct	*-4.73*	
		For >5,000 To 10,000, Deduct	*-6.18*	
		For >10,000, Deduct	*-7.64*	
02 41 13 13-0027	SY	>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	23.39	
		For Elevated Slab, Add	*11.70*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000 To 2,500, Deduct	*-4.21*	
		For >2,500 To 5,000, Deduct	*-6.08*	
		For >5,000 To 10,000, Deduct	*-7.95*	
		For >10,000, Deduct	*-9.82*	
02 41 13 13-0028	SY	>6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	41.82	
		For Elevated Slab, Add	*20.91*	
		For >500 To 1,000, Deduct	*-4.18*	
		For >1,000 To 2,500, Deduct	*-7.53*	
		For >2,500 To 5,000, Deduct	*-10.87*	
		For >5,000 To 10,000, Deduct	*-14.22*	
		For >10,000, Deduct	*-17.56*	
02 41 13 13-0029	SY	>9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	54.57	
		For Elevated Slab, Add	*27.29*	
		For >500 To 1,000, Deduct	*-5.46*	
		For >1,000 To 2,500, Deduct	*-9.82*	
		For >2,500 To 5,000, Deduct	*-14.19*	
		For >5,000 To 10,000, Deduct	*-18.55*	
		For >10,000, Deduct	*-22.92*	
02 41 13 13-0030	SY	>14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	71.34	
		For Elevated Slab, Add	*35.67*	
		For >500 To 1,000, Deduct	*-7.13*	
		For >1,000 To 2,500, Deduct	*-12.84*	
		For >2,500 To 5,000, Deduct	*-18.55*	
		For >5,000 To 10,000, Deduct	*-24.26*	
		For >10,000, Deduct	*-29.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0031	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	86.58	
		For Elevated Slab, Add	*43.29*	
		For >500 To 1,000, Deduct	*-8.66*	
		For >1,000 To 2,500, Deduct	*-15.58*	
		For >2,500 To 5,000, Deduct	*-22.51*	
		For >5,000 To 10,000, Deduct	*-29.44*	
		For >10,000, Deduct	*-36.36*	

02 41 13 13-0032 By Hand, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas up to 100 SF where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting. See CSI section 02 41 19 13-0001 for saw cutting.

02 41 13 13-0033	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving	3.15	
02 41 13 13-0034	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving	4.16	
02 41 13 13-0035	SF	>6" To 8" By Hand, Break-up And Remove Bituminous Paving	5.40	
02 41 13 13-0036	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving	3.95	
02 41 13 13-0037	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving	5.45	
02 41 13 13-0038	SF	>6" To 8" By Hand, Break-up And Remove Concrete Paving	6.98	

02 41 13 13-0039 Grind Concrete *(02 41 13 13)*

02 41 13 13-0040	EA	Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard) Note: For each location up to 5' wide, feather up to 12" each direction.	190.82	
		For >1/2" To 1" Depth Of Grinding, Add	*28.62*	
		For >1" To 1-1/2" Depth Of Grinding, Add	*47.71*	
		For Up To 5, Add	*38.16*	
		For >5 To 10, Add	*19.08*	
		For >25 To 50, Deduct	*-19.08*	
		For >50 To 250, Deduct	*-28.62*	
		For >250, Deduct	*-38.16*	
		For Sidewalks >5', Add	*19.08*	
		For Up To 12" Additional Feathering Per Side, Add	*19.08*	

02 41 13 15 Hydro Demolition *(02 41 13)*

02 41 13 15-0001 Hydro Demolition Of Concrete Pavement *(02 41 13 15)*

Note: Includes removal but excludes disposal of concrete.

02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	5.58	
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	6.98	
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	9.31	
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	18.63	

02 41 16 Structure Demolition *(02 41)*

02 41 16 13 Building Demolition *(02 41 16)*

02 41 16 13-0001 Building Interior Demolition *(02 41 16 13)*

Note: Gutted and placed in truck or dumpsters. Based on overall floor area including space under demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminates or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.

02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	6.27	
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	9.47	
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	7.76	
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	6.89	

02 41 16 13-0006 Commercial And Residential Structures Demolition *(02 41 16 13)*

Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.

02 41 16 13-0007 Steel Framed Building Demolition *(02 41 16 13-0006)*

Note: Includes masonry partitions and concrete decks.

02 41 16 13-0008	CCF	By Pneumatic Tools/Hand, Steel Framed Building Demolition	57.56	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-4.32*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-8.63*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-12.95*	
		For Up To 500, Add	*17.27*	
		For >500 To 1,000, Add	*11.51*	
		For >1,000 To 2,000, Add	*5.76*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*18.99*	
		For No Interior Partitions, Deduct	*-14.39*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0009	CCF	By Machine, Steel Framed Building Demolition	36.03	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-2.70*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-5.40*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-8.11*	
		For Up To 500, Add	*10.81*	
		For >500 To 1,000, Add	*7.21*	
		For >1,000 To 2,000, Add	*3.60*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*5.40*	
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	*9.01*	
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	*12.61*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*11.89*	
		For No Interior Partitions, Deduct	*-9.01*	

02 41 16 13-0010 Reinforced Concrete Building Demolition *(02 41 16 13-0006)*

02 41 16 13-0011	CCF	By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition	72.22	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-5.42*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-10.83*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-16.25*	
		For Up To 500, Add	*21.67*	
		For >500 To 1,000, Add	*14.44*	
		For >1,000 To 2,000, Add	*7.22*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*23.83*	
		For No Interior Partitions, Deduct	*-18.06*	
02 41 16 13-0012	CCF	By Machine, Reinforced Concrete Building Demolition	47.58	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-3.57*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-7.14*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-10.71*	
		For Up To 500, Add	*14.27*	
		For >500 To 1,000, Add	*9.52*	
		For >1,000 To 2,000, Add	*4.76*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*7.14*	
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	*11.90*	
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	*16.65*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*15.70*	
		For No Interior Partitions, Deduct	*-11.90*	

02 41 16 13-0013 Masonry Construction Building Demolition *(02 41 16 13-0006)*

02 41 16 13-0014	CCF	By Pneumatic Tools/Hand, Masonry Construction Building Demolition	50.75	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-3.81*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-7.61*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-11.42*	
		For Up To 500, Add	*15.23*	
		For >500 To 1,000, Add	*10.15*	
		For >1,000 To 2,000, Add	*5.08*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*16.75*	
		For No Interior Partitions, Deduct	*-12.69*	
02 41 16 13-0015	CCF	By Machine, Masonry Construction Building Demolition	32.33	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-2.42*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-4.85*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-7.27*	
		For Up To 500, Add	*9.70*	
		For >500 To 1,000, Add	*6.47*	
		For >1,000 To 2,000, Add	*3.23*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*4.85*	
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	*8.08*	
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	*11.32*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*10.67*	
		For No Interior Partitions, Deduct	*-8.08*	

02 41 16 13-0016 Wood Frame Construction Building Demolition *(02 41 16 13-0006)*

02 41 16 13-0017	CCF	By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition	44.11	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-3.31*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-6.62*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-9.92*	
		For Up To 500, Add	*13.23*	
		For >500 To 1,000, Add	*8.82*	
		For >1,000 To 2,000, Add	*4.41*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*14.56*	
		For No Interior Partitions, Deduct	*-11.03*	
02 41 16 13-0018	CCF	By Machine, Wood Frame Construction Building Demolition	27.66	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	*-2.07*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	*-4.15*	
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	*-6.22*	
		For Up To 500, Add	*8.30*	
		For >500 To 1,000, Add	*5.53*	
		For >1,000 To 2,000, Add	*2.77*	
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	*4.15*	
		For Volume Of Area Within 15' To An Adjacent Building, Add	*9.13*	
		For No Interior Partitions, Deduct	*-6.92*	

02 41 16 13-0019 Sorting Of Material Debris For Recycling Prior To Hauling Off *(02 41 16 13-0006)*

Note: Per building volume.

02 41 16 13-0020	CCF	Sorting Of Material Debris For Recycling Prior To Hauling Off	7.78	
		For Up To 500, Add	*2.33*	
		For >500 To 1,000, Add	*1.56*	
		For >1,000 To 2,000, Add	*0.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 16 13-0021 **Foundation Demolition** *(02 41 16 13)*
Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.

02 41 16 13-0022 **Concrete Foundation Demolition** *(02 41 16 13-0021)*

02 41 16 13-0023	CF	Non Reinforced Concrete Foundation Demolition		11.92
02 41 16 13-0024	SF	4" Thick Non Reinforced Concrete Foundation Wall Demolition		5.11
02 41 16 13-0025	SF	6" Thick Non Reinforced Concrete Foundation Wall Demolition		6.80
02 41 16 13-0026	SF	8" Thick Non Reinforced Concrete Foundation Wall Demolition		8.51
02 41 16 13-0027	SF	10" Thick Non Reinforced Concrete Foundation Wall Demolition		10.21
02 41 16 13-0028	SF	12" Thick Non Reinforced Concrete Foundation Wall Demolition		11.92
02 41 16 13-0029	SF	16" Thick Non Reinforced Concrete Foundation Wall Demolition		13.62
02 41 16 13-0030	CF	Reinforced Concrete Foundation Demolition		14.30
02 41 16 13-0031	SF	4" Thick Reinforced Concrete Foundation Wall Demolition		6.13
02 41 16 13-0032	SF	6" Thick Reinforced Concrete Foundation Wall Demolition		8.17
02 41 16 13-0033	SF	8" Thick Reinforced Concrete Foundation Wall Demolition		10.21
02 41 16 13-0034	SF	10" Thick Reinforced Concrete Foundation Wall Demolition		12.08
02 41 16 13-0035	SF	12" Thick Reinforced Concrete Foundation Wall Demolition		14.30
02 41 16 13-0036	SF	16" Thick Reinforced Concrete Foundation Wall Demolition		16.34

02 41 16 13-0037 **Concrete Block Foundation Wall Demolition** *(02 41 16 13-0021)*

02 41 16 13-0038	SF	4" Thick Non Reinforced Concrete Block Foundation Wall Demolition		3.75
02 41 16 13-0039	SF	6" Thick Non Reinforced Concrete Block Foundation Wall Demolition		4.00
02 41 16 13-0040	SF	8" Thick Non Reinforced Concrete Block Foundation Wall Demolition		4.51
02 41 16 13-0041	SF	10" Thick Non Reinforced Concrete Block Foundation Wall Demolition		5.19
02 41 16 13-0042	SF	12" Thick Non Reinforced Concrete Block Foundation Wall Demolition		5.79
02 41 16 13-0043	SF	16" Thick Non Reinforced Concrete Block Foundation Wall Demolition		7.23
02 41 16 13-0044	SF	4" Thick Reinforced Concrete Block Foundation Wall Demolition		4.50
02 41 16 13-0045	SF	6" Thick Reinforced Concrete Block Foundation Wall Demolition		4.80
02 41 16 13-0046	SF	8" Thick Reinforced Concrete Block Foundation Wall Demolition		5.41
02 41 16 13-0047	SF	10" Thick Reinforced Concrete Block Foundation Wall Demolition		6.23
02 41 16 13-0048	SF	12" Thick Reinforced Concrete Block Foundation Wall Demolition		6.95
02 41 16 13-0049	SF	16" Thick Reinforced Concrete Block Foundation Wall Demolition		8.68

02 41 16 13-0050 **Brick Foundation Wall Demolition** *(02 41 16 13-0021)*

02 41 16 13-0051	SF	4" Thick Brick Foundation Wall Demolition		3.75
02 41 16 13-0052	SF	6" Thick Brick Foundation Wall Demolition		4.00
02 41 16 13-0053	SF	8" Thick Brick Foundation Wall Demolition		4.51
02 41 16 13-0054	SF	10" Thick Brick Foundation Wall Demolition		5.19
02 41 16 13-0055	SF	12" Thick Brick Foundation Wall Demolition		5.79
02 41 16 13-0056	SF	16" Thick Brick Foundation Wall Demolition		7.23

02 41 16 13-0057 **Stone Foundation Demolition** *(02 41 16 13-0021)*

02 41 16 13-0058	CF	Stone Footing Or Foundation Wall Demolition		11.92

02 41 16 13-0059 **Other Foundation Demolition** *(02 41 16 13-0021)*

02 41 16 13-0060	CF	Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition Note: Includes excavation.		12.38

02 41 19 Selective Demolition *(02 41)*

02 41 19 13 Selective Building Demolition *(02 41 19)*

02 41 19 13-0001 **Saw Cutting** *(02 41 19 13)*
Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.

02 41 19 13-0002	LF	Saw Cut Bituminous Paving Up To 4" Depth		1.88
		For Each Additional Pass (Depth To 3"), Add	*0.72*	
		For >250, Deduct	*-0.18*	
02 41 19 13-0003	LF	Saw Cut Brick Masonry Up To 4" Depth		6.88
		For Each Additional Pass (Depth To 3"), Add	*2.71*	
		For >250, Deduct	*-0.67*	
02 41 19 13-0004	LF	Saw Cut Concrete Block Up To 4" Depth		6.22
		For Each Additional Pass (Depth To 3"), Add	*2.45*	
		For >250, Deduct	*-0.61*	
02 41 19 13-0005	LF	Saw Cut Non Reinforced Concrete Slab Or Paving Up To 4" Depth		2.16
		For Each Additional Pass (Depth To 3"), Add	*0.82*	
		For >250, Deduct	*-0.20*	
02 41 19 13-0006	LF	Saw Cut Welded Wire Reinforced Concrete Slab Up To 4" Depth		2.84
		For Each Additional Pass (Depth To 3"), Add	*1.08*	
		For >250, Deduct	*-0.27*	
02 41 19 13-0007	LF	Saw Cut Rod Reinforced Concrete Slab Up To 4" Depth		4.64
		For Each Additional Pass (Depth To 3"), Add	*1.80*	
		For >250, Deduct	*-0.44*	
02 41 19 13-0008	LF	Saw Cut Plain Concrete Walls Up To 4" Depth		8.76
		For Each Additional Pass (Depth To 3"), Add	*3.46*	
		For >250, Deduct	*-0.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0009	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth	11.78	
		For Each Additional Pass (Depth To 3"), Add	*4.65*	
		For >250, Deduct	*-1.16*	
02 41 19 13-0010	LF	Saw Cut In Streets, Concrete And Asphalt Up To 4" Depth	2.22	
		For Each Additional Pass (Depth To 3"), Add	*0.82*	
		For >250, Deduct	*-0.20*	
02 41 19 13-0011	LF	Saw Cut Igneous Stone Pavements Up To 4" Depth	6.25	
		For Each Additional Pass (Depth To 3"), Add	*2.45*	
		For >250, Deduct	*-0.61*	
02 41 19 13-0012	LF	Saw Cut Sedimentary Stone Pavements Up To 4" Depth	6.25	
		For Each Additional Pass (Depth To 3"), Add	*2.45*	
		For >250, Deduct	*-0.61*	
02 41 19 13-0013	LF	Saw Cut Metamorphic Stone Pavements Up To 4" Depth	6.25	
		For Each Additional Pass (Depth To 3"), Add	*2.45*	
		For >250, Deduct	*-0.61*	
02 41 19 13-0014	LF	Saw Cut Terrazzo Stone Pavements Up To 4" Depth	6.25	
		For Each Additional Pass (Depth To 3"), Add	*2.45*	
		For >250, Deduct	*-0.61*	
02 41 19 13-0015	EA	Saw Cut Minimum Charge	781.86	
		Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

02 41 19 13-0016 Torch Cutting *(02 41 19 13)*

Note: Includes grinding edge

02 41 19 13-0017	LF	Up To 1/2", Torch Cut Steel Plate	2.46	
02 41 19 13-0018	LF	>1/2" To 1" Thick, Torch Cut Steel Plate	4.91	
02 41 19 13-0019	LF	>1" To 1-1/2" Thick, Torch Cut Steel Plate	7.38	
02 41 19 13-0020	LF	>1-1/2" To 2" Thick, Torch Cut Steel Plate	9.84	
02 41 19 13-0021	LF	>2" To 2-1/2" Thick, Torch Cut Steel Plate	12.28	
02 41 19 13-0022	LF	>2-1/2" To 3" Thick, Torch Cut Steel Plate	14.74	
02 41 19 13-0023	EA	Torch Cutting Minimum Charge	744.81	
		Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		

02 41 19 13-0024 Drilling In Existing Materials *(02 41 19 13)*

Note: Includes drill bit wear, water, layout, set-up and clean-up.

02 41 19 13-0025 Concrete Core Drilling *(02 41 19 13-0024)*

02 41 19 13-0026 Up To 4" Thick Concrete Core Drilling *(02 41 19 13-0025)*

02 41 19 13-0027	EA	Drill 1" Diameter Core In Up To 4" Concrete	34.91	
		For Horizontal Cores, Add	*6.55*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*13.11*	
02 41 19 13-0028	EA	Drill 1-1/2" Diameter Core In Up To 4" Concrete	38.53	
		For Horizontal Cores, Add	*7.28*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.56*	
02 41 19 13-0029	EA	Drill 2" Diameter Core In Up To 4" Concrete	42.59	
		For Horizontal Cores, Add	*8.09*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.18*	
02 41 19 13-0030	EA	Drill 3" Diameter Core In Up To 4" Concrete	60.67	
		For Horizontal Cores, Add	*11.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.12*	
02 41 19 13-0031	EA	Drill 4" Diameter Core In Up To 4" Concrete	81.32	
		For Horizontal Cores, Add	*15.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.98*	
02 41 19 13-0032	EA	Drill 6" Diameter Core In Up To 4" Concrete	91.57	
		For Horizontal Cores, Add	*17.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.68*	
02 41 19 13-0033	EA	Drill 8" Diameter Core In Up To 4" Concrete	145.39	
		For Horizontal Cores, Add	*27.74*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*55.48*	
02 41 19 13-0034	EA	Drill 10" Diameter Core In Up To 4" Concrete	182.50	
		For Horizontal Cores, Add	*34.67*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*69.35*	
02 41 19 13-0035	EA	Drill 12" Diameter Core In Up To 4" Concrete	213.21	
		For Horizontal Cores, Add	*40.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*80.91*	
02 41 19 13-0036	EA	Drill 14" Diameter Core In Up To 4" Concrete	244.16	
		For Horizontal Cores, Add	*46.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*92.46*	
02 41 19 13-0037	EA	Drill 18" Diameter Core In Up To 4" Concrete	276.75	
		For Horizontal Cores, Add	*52.00*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*104.01*	

02 41 19 13-0038 >4" To 6" Thick Concrete Core Drilling *(02 41 19 13-0025)*

02 41 19 13-0039	EA	Drill 1" Diameter Core In >4" To 6" Concrete	50.08	
		For Horizontal Cores, Add	*9.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.72*	
02 41 19 13-0040	EA	Drill 1-1/2" Diameter Core In >4" To 6" Concrete	55.28	
		For Horizontal Cores, Add	*10.40*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.80*	
02 41 19 13-0041	EA	Drill 2" Diameter Core In >4" To 6" Concrete	61.06	
		For Horizontal Cores, Add	*11.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0042	EA	Drill 3" Diameter Core In >4" To 6" Concrete	73.84	
		For Horizontal Cores, Add	*13.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.74*	
02 41 19 13-0043	EA	Drill 4" Diameter Core In >4" To 6" Concrete	92.65	
		For Horizontal Cores, Add	*17.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.68*	
02 41 19 13-0044	EA	Drill 6" Diameter Core In >4" To 6" Concrete	123.00	
		For Horizontal Cores, Add	*23.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*46.23*	
02 41 19 13-0045	EA	Drill 8" Diameter Core In >4" To 6" Concrete	183.50	
		For Horizontal Cores, Add	*34.67*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*69.35*	
02 41 19 13-0046	EA	Drill 10" Diameter Core In >4" To 6" Concrete	215.93	
		For Horizontal Cores, Add	*40.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*80.91*	
02 41 19 13-0047	EA	Drill 12" Diameter Core In >4" To 6" Concrete	247.51	
		For Horizontal Cores, Add	*46.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*92.46*	
02 41 19 13-0048	EA	Drill 14" Diameter Core In >4" To 6" Concrete	279.92	
		For Horizontal Cores, Add	*52.00*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*104.01*	
02 41 19 13-0049	EA	Drill 18" Diameter Core In >4" To 6" Concrete	314.72	
		For Horizontal Cores, Add	*57.79*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*115.58*	

02 41 19 13-0050 >6" To 8" Thick Concrete Core Drilling *(02 41 19 13-0025)*

02 41 19 13-0051	EA	Drill 1" Diameter Core In >6" To 8" Concrete	55.96	
		For Horizontal Cores, Add	*10.30*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.60*	
02 41 19 13-0052	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete	61.68	
		For Horizontal Cores, Add	*11.44*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.89*	
02 41 19 13-0053	EA	Drill 2" Diameter Core In >6" To 8" Concrete	68.02	
		For Horizontal Cores, Add	*12.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.42*	
02 41 19 13-0054	EA	Drill 3" Diameter Core In >6" To 8" Concrete	81.25	
		For Horizontal Cores, Add	*15.02*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.05*	
02 41 19 13-0055	EA	Drill 4" Diameter Core In >6" To 8" Concrete	106.28	
		For Horizontal Cores, Add	*19.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.30*	
02 41 19 13-0056	EA	Drill 6" Diameter Core In >6" To 8" Concrete	148.65	
		For Horizontal Cores, Add	*27.74*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*55.48*	
02 41 19 13-0057	EA	Drill 8" Diameter Core In >6" To 8" Concrete	244.71	
		For Horizontal Cores, Add	*46.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*92.46*	
02 41 19 13-0058	EA	Drill 10" Diameter Core In >6" To 8" Concrete	278.20	
		For Horizontal Cores, Add	*52.00*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*104.01*	
02 41 19 13-0059	EA	Drill 12" Diameter Core In >6" To 8" Concrete	310.74	
		For Horizontal Cores, Add	*57.79*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*115.58*	
02 41 19 13-0060	EA	Drill 14" Diameter Core In >6" To 8" Concrete	344.55	
		For Horizontal Cores, Add	*63.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.11*	
02 41 19 13-0061	EA	Drill 18" Diameter Core In >6" To 8" Concrete	381.56	
		For Horizontal Cores, Add	*69.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*138.70*	

02 41 19 13-0062 >8" To 10" Thick Concrete Core Drilling *(02 41 19 13-0025)*

02 41 19 13-0063	EA	Drill 1" Diameter Core In >8" To 10" Concrete	66.48	
		For Horizontal Cores, Add	*12.17*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.34*	
02 41 19 13-0064	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete	73.24	
		For Horizontal Cores, Add	*13.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.04*	
02 41 19 13-0065	EA	Drill 2" Diameter Core In >8" To 10" Concrete	80.75	
		For Horizontal Cores, Add	*15.02*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.05*	
02 41 19 13-0066	EA	Drill 3" Diameter Core In >8" To 10" Concrete	94.45	
		For Horizontal Cores, Add	*17.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.68*	
02 41 19 13-0067	EA	Drill 4" Diameter Core In >8" To 10" Concrete	108.36	
		For Horizontal Cores, Add	*19.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*39.30*	
02 41 19 13-0068	EA	Drill 6" Diameter Core In >8" To 10" Concrete	151.18	
		For Horizontal Cores, Add	*27.74*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*55.48*	
02 41 19 13-0069	EA	Drill 8" Diameter Core In >8" To 10" Concrete	248.14	
		For Horizontal Cores, Add	*46.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*92.46*	
02 41 19 13-0070	EA	Drill 10" Diameter Core In >8" To 10" Concrete	282.72	
		For Horizontal Cores, Add	*52.00*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*104.01*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0071	EA	Drill 12" Diameter Core In >8" To 10" Concrete	316.10	
		For Horizontal Cores, Add	*57.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*115.55*	
02 41 19 13-0072	EA	Drill 14" Diameter Core In >8" To 10" Concrete	351.42	
		For Horizontal Cores, Add	*63.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.11*	
02 41 19 13-0073	EA	Drill 18" Diameter Core In >8" To 10" Concrete	390.52	
		For Horizontal Cores, Add	*69.33*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*138.66*	

02 41 19 13-0074 >10" To 12" Thick Concrete Core Drilling *(02 41 19 13-0025)*

02 41 19 13-0075	EA	Drill 1" Diameter Core In >10" To 12" Concrete	72.35	
		For Horizontal Cores, Add	*13.11*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.22*	
02 41 19 13-0076	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete	79.62	
		For Horizontal Cores, Add	*14.56*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.12*	
02 41 19 13-0077	EA	Drill 2" Diameter Core In >10" To 12" Concrete	87.72	
		For Horizontal Cores, Add	*16.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.36*	
02 41 19 13-0078	EA	Drill 3" Diameter Core In >10" To 12" Concrete	96.08	
		For Horizontal Cores, Add	*17.34*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.68*	
02 41 19 13-0079	EA	Drill 4" Diameter Core In >10" To 12" Concrete	127.78	
		For Horizontal Cores, Add	*23.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*46.23*	
02 41 19 13-0080	EA	Drill 6" Diameter Core In >10" To 12" Concrete	165.27	
		For Horizontal Cores, Add	*30.05*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*60.10*	
02 41 19 13-0081	EA	Drill 8" Diameter Core In >10" To 12" Concrete	263.15	
		For Horizontal Cores, Add	*48.54*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*97.08*	
02 41 19 13-0082	EA	Drill 10" Diameter Core In >10" To 12" Concrete	287.24	
		For Horizontal Cores, Add	*52.00*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*104.01*	
02 41 19 13-0083	EA	Drill 12" Diameter Core In >10" To 12" Concrete	333.17	
		For Horizontal Cores, Add	*60.10*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*120.21*	

02 41 19 13-0084 >12" Thick Concrete Core Drilling *(02 41 19 13-0025)*

02 41 19 13-0085	IN	Drill 1" Diameter Core In >12" Concrete	8.58	
		For Horizontal Cores, Add	*1.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.20*	
02 41 19 13-0086	IN	Drill 1-1/2" Diameter Core In >12" Concrete	9.47	
		For Horizontal Cores, Add	*1.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.56*	
02 41 19 13-0087	IN	Drill 2" Diameter Core In >12" Concrete	10.46	
		For Horizontal Cores, Add	*1.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.96*	
02 41 19 13-0088	IN	Drill 3" Diameter Core In >12" Concrete	11.61	
		For Horizontal Cores, Add	*2.17*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.33*	
02 41 19 13-0089	IN	Drill 4" Diameter Core In >12" Concrete	15.46	
		For Horizontal Cores, Add	*2.89*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.78*	
02 41 19 13-0090	IN	Drill 6" Diameter Core In >12" Concrete	20.05	
		For Horizontal Cores, Add	*3.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*7.52*	
02 41 19 13-0091	IN	Drill 8" Diameter Core In >12" Concrete	32.06	
		For Horizontal Cores, Add	*6.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*12.14*	
02 41 19 13-0092	IN	Drill 10" Diameter Core In >12" Concrete	34.91	
		For Horizontal Cores, Add	*6.53*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*13.06*	
02 41 19 13-0093	IN	Drill 12" Diameter Core In >12" Concrete	40.31	
		For Horizontal Cores, Add	*7.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*15.04*	

02 41 19 13-0094 Brick/Concrete Block Core Drilling *(02 41 19 13-0024)*

02 41 19 13-0095 Up To 4" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

02 41 19 13-0096	EA	Drill 1" Diameter Core In Up To 4" Brick/Concrete Block	28.36	
		For Horizontal Cores, Add	*5.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*10.49*	
02 41 19 13-0097	EA	Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block	31.26	
		For Horizontal Cores, Add	*5.82*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*11.65*	
02 41 19 13-0098	EA	Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	34.50	
		For Horizontal Cores, Add	*6.47*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*12.94*	
02 41 19 13-0099	EA	Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	49.11	
		For Horizontal Cores, Add	*9.25*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.49*	
02 41 19 13-0100	EA	Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	65.83	
		For Horizontal Cores, Add	*12.39*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0101	EA	Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	74.22	
		For Horizontal Cores, Add	*13.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.74*	
02 41 19 13-0102	EA	Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	117.65	
		For Horizontal Cores, Add	*22.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*44.38*	
02 41 19 13-0103	EA	Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	147.83	
		For Horizontal Cores, Add	*27.74*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*55.48*	
02 41 19 13-0104	EA	Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	172.76	
		For Horizontal Cores, Add	*32.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*64.73*	
02 41 19 13-0105	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	197.93	
		For Horizontal Cores, Add	*36.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*73.96*	
02 41 19 13-0106	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	224.75	
		For Horizontal Cores, Add	*41.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*83.21*	

02 41 19 13-0107 >4" To 6" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

02 41 19 13-0108	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	40.72	
		For Horizontal Cores, Add	*7.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.98*	
02 41 19 13-0109	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	44.88	
		For Horizontal Cores, Add	*8.32*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.64*	
02 41 19 13-0110	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	49.50	
		For Horizontal Cores, Add	*9.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.49*	
02 41 19 13-0111	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	59.98	
		For Horizontal Cores, Add	*11.10*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.19*	
02 41 19 13-0112	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	75.30	
		For Horizontal Cores, Add	*13.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.74*	
02 41 19 13-0113	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	99.89	
		For Horizontal Cores, Add	*18.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.99*	
02 41 19 13-0114	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	148.83	
		For Horizontal Cores, Add	*27.74*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*55.48*	
02 41 19 13-0115	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	175.48	
		For Horizontal Cores, Add	*32.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*64.73*	
02 41 19 13-0116	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	201.28	
		For Horizontal Cores, Add	*36.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*73.96*	
02 41 19 13-0117	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	227.92	
		For Horizontal Cores, Add	*41.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*83.21*	
02 41 19 13-0118	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	256.93	
		For Horizontal Cores, Add	*46.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*92.46*	

02 41 19 13-0119 >6" To 8" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

02 41 19 13-0120	EA	Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	45.65	
		For Horizontal Cores, Add	*8.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.48*	
02 41 19 13-0121	EA	Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	50.23	
		For Horizontal Cores, Add	*9.15*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.31*	
02 41 19 13-0122	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	55.32	
		For Horizontal Cores, Add	*10.17*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.34*	
02 41 19 13-0123	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	66.24	
		For Horizontal Cores, Add	*12.02*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.04*	
02 41 19 13-0124	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	86.63	
		For Horizontal Cores, Add	*15.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.44*	
02 41 19 13-0125	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	120.91	
		For Horizontal Cores, Add	*22.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*44.38*	
02 41 19 13-0126	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	198.48	
		For Horizontal Cores, Add	*36.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*73.96*	
02 41 19 13-0127	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	226.20	
		For Horizontal Cores, Add	*41.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*83.21*	
02 41 19 13-0128	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	252.95	
		For Horizontal Cores, Add	*46.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*92.46*	
02 41 19 13-0129	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	280.99	
		For Horizontal Cores, Add	*50.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.69*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0130	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	312.21	
		For Horizontal Cores, Add	*55.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*110.96*	

02 41 19 13-0131 >8" To 10" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

02 41 19 13-0132	EA	Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	54.31	
		For Horizontal Cores, Add	*9.74*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*19.47*	
02 41 19 13-0133	EA	Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block	59.72	
		For Horizontal Cores, Add	*10.82*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*21.64*	
02 41 19 13-0134	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	65.73	
		For Horizontal Cores, Add	*12.02*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*24.04*	
02 41 19 13-0135	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	77.10	
		For Horizontal Cores, Add	*13.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.74*	
02 41 19 13-0136	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	88.71	
		For Horizontal Cores, Add	*15.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.44*	
02 41 19 13-0137	EA	Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	123.44	
		For Horizontal Cores, Add	*22.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*44.38*	
02 41 19 13-0138	EA	Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	201.91	
		For Horizontal Cores, Add	*36.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*73.96*	
02 41 19 13-0139	EA	Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	230.72	
		For Horizontal Cores, Add	*41.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*83.21*	
02 41 19 13-0140	EA	Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	258.32	
		For Horizontal Cores, Add	*46.22*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*92.44*	
02 41 19 13-0141	EA	Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	287.86	
		For Horizontal Cores, Add	*50.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.69*	
02 41 19 13-0142	EA	Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	321.19	
		For Horizontal Cores, Add	*55.47*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*110.93*	

02 41 19 13-0143 >10" To 12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

02 41 19 13-0144	EA	Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	59.23	
		For Horizontal Cores, Add	*10.48*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.97*	
02 41 19 13-0145	EA	Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block	65.06	
		For Horizontal Cores, Add	*11.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*23.30*	
02 41 19 13-0146	EA	Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	71.54	
		For Horizontal Cores, Add	*12.95*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.89*	
02 41 19 13-0147	EA	Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	78.73	
		For Horizontal Cores, Add	*13.87*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*27.74*	
02 41 19 13-0148	EA	Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	104.67	
		For Horizontal Cores, Add	*18.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.99*	
02 41 19 13-0149	EA	Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	135.22	
		For Horizontal Cores, Add	*24.04*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*48.08*	
02 41 19 13-0150	EA	Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	214.61	
		For Horizontal Cores, Add	*38.83*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*77.67*	
02 41 19 13-0151	EA	Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	235.24	
		For Horizontal Cores, Add	*41.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*83.21*	
02 41 19 13-0152	EA	Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	273.07	
		For Horizontal Cores, Add	*48.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*96.17*	

02 41 19 13-0153 >12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0094)*

02 41 19 13-0154	IN	Drill 1" Diameter Core In >12" Brick/Concrete Block	6.98	
		For Horizontal Cores, Add	*1.28*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*2.56*	
02 41 19 13-0155	IN	Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	7.69	
		For Horizontal Cores, Add	*1.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*2.85*	
02 41 19 13-0156	IN	Drill 2" Diameter Core In >12" Brick/Concrete Block	8.48	
		For Horizontal Cores, Add	*1.58*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.16*	
02 41 19 13-0157	IN	Drill 3" Diameter Core In >12" Brick/Concrete Block	9.44	
		For Horizontal Cores, Add	*1.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.46*	
02 41 19 13-0158	IN	Drill 4" Diameter Core In >12" Brick/Concrete Block	12.57	
		For Horizontal Cores, Add	*2.31*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0159	IN	Drill 6" Diameter Core In >12" Brick/Concrete Block	16.28	
		For Horizontal Cores, Add	*3.01*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.01*	
02 41 19 13-0160	IN	Drill 8" Diameter Core In >12" Brick/Concrete Block	25.99	
		For Horizontal Cores, Add	*4.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*9.72*	
02 41 19 13-0161	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block	28.38	
		For Horizontal Cores, Add	*5.22*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*10.44*	
02 41 19 13-0162	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block	32.79	
		For Horizontal Cores, Add	*6.01*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*12.03*	

02 41 19 13-0163 Asphalt Core Drilling *(02 41 19 13-0024)*

02 41 19 13-0164 Up To 2" Thick Asphalt Core Drilling *(02 41 19 13-0163)*

02 41 19 13-0165	EA	Drill 1" Diameter Core In Up To 2" Asphalt	16.23
02 41 19 13-0166	EA	Drill 1-1/2" Diameter Core In Up To 2" Asphalt	20.33
02 41 19 13-0167	EA	Drill 2" Diameter Core In Up To 2" Asphalt	25.40
02 41 19 13-0168	EA	Drill 3" Diameter Core In Up To 2" Asphalt	31.56
02 41 19 13-0169	EA	Drill 4" Diameter Core In Up To 2" Asphalt	39.75
02 41 19 13-0170	EA	Drill 6" Diameter Core In Up To 2" Asphalt	49.96
02 41 19 13-0171	EA	Drill 8" Diameter Core In Up To 2" Asphalt	62.37
02 41 19 13-0172	EA	Drill 10" Diameter Core In Up To 2" Asphalt	77.51
02 41 19 13-0173	EA	Drill 12" Diameter Core In Up To 2" Asphalt	96.78

02 41 19 13-0174 >2" To 3" Thick Asphalt Core Drilling *(02 41 19 13-0163)*

02 41 19 13-0175	EA	Drill 1" Diameter Core In >2" To 3" Asphalt	20.29
02 41 19 13-0176	EA	Drill 1-1/2" Diameter Core In >2" To 3" Asphalt	26.34
02 41 19 13-0177	EA	Drill 2" Diameter Core In >2" To 3" Asphalt	32.42
02 41 19 13-0178	EA	Drill 3" Diameter Core In >2" To 3" Asphalt	40.60
02 41 19 13-0179	EA	Drill 4" Diameter Core In >2" To 3" Asphalt	50.82
02 41 19 13-0180	EA	Drill 6" Diameter Core In >2" To 3" Asphalt	64.03
02 41 19 13-0181	EA	Drill 8" Diameter Core In >2" To 3" Asphalt	79.50
02 41 19 13-0182	EA	Drill 10" Diameter Core In >2" To 3" Asphalt	99.65
02 41 19 13-0183	EA	Drill 12" Diameter Core In >2" To 3" Asphalt	123.95

02 41 19 13-0184 >3" To 4" Thick Asphalt Core Drilling *(02 41 19 13-0163)*

02 41 19 13-0185	EA	Drill 1" Diameter Core In >3" To 4" Asphalt	26.39
02 41 19 13-0186	EA	Drill 1-1/2" Diameter Core In >3" To 4" Asphalt	33.54
02 41 19 13-0187	EA	Drill 2" Diameter Core In >3" To 4" Asphalt	41.64
02 41 19 13-0188	EA	Drill 3" Diameter Core In >3" To 4" Asphalt	51.90
02 41 19 13-0189	EA	Drill 4" Diameter Core In >3" To 4" Asphalt	65.25
02 41 19 13-0190	EA	Drill 6" Diameter Core In >3" To 4" Asphalt	81.57
02 41 19 13-0191	EA	Drill 8" Diameter Core In >3" To 4" Asphalt	102.26
02 41 19 13-0192	EA	Drill 10" Diameter Core In >3" To 4" Asphalt	127.51
02 41 19 13-0193	EA	Drill 12 Diameter Core In >3" To 4" Asphalt	158.95

02 41 19 13-0194 >4" To 6" Thick Asphalt Core Drilling *(02 41 19 13-0163)*

02 41 19 13-0195	EA	Drill 1" Diameter Core In >4" To 6" Asphalt	34.67
02 41 19 13-0196	EA	Drill 1-1/2" Diameter Core In >4" To 6" Asphalt	42.91
02 41 19 13-0197	EA	Drill 2" Diameter Core In >4" To 6" Asphalt	53.07
02 41 19 13-0198	EA	Drill 3" Diameter Core In >4" To 6" Asphalt	67.54
02 41 19 13-0199	EA	Drill 4" Diameter Core In >4" To 6" Asphalt	84.09
02 41 19 13-0200	EA	Drill 6" Diameter Core In >4" To 6" Asphalt	104.61
02 41 19 13-0201	EA	Drill 8" Diameter Core In >4" To 6" Asphalt	131.67
02 41 19 13-0202	EA	Drill 10" Diameter Core In >4" To 6" Asphalt	164.09
02 41 19 13-0203	EA	Drill 12" Diameter Core In >4" To 6" Asphalt	204.85

02 41 19 13-0204 Manhole Core Drilling *(02 41 19 13-0024)*

02 41 19 13-0205	EA	Drill 4" Diameter Core In 6" Brick Manhole	177.39
02 41 19 13-0206	EA	Drill 5" Diameter Core In 6" Brick Manhole	202.66
02 41 19 13-0207	EA	Drill 6" Diameter Core In 6" Brick Manhole	236.11
02 41 19 13-0208	EA	Drill 8" Diameter Core In 6" Brick Manhole	353.52
02 41 19 13-0209	EA	Drill 2" Diameter Core In 8" Concrete Manhole	236.90
02 41 19 13-0210	EA	Drill 3" Diameter Core In 8" Concrete Manhole	253.41
02 41 19 13-0211	EA	Drill 4" Diameter Core In 8" Concrete Manhole	280.05
02 41 19 13-0212	EA	Drill 5" Diameter Core In 8" Concrete Manhole	300.79
02 41 19 13-0213	EA	Drill 6" Diameter Core In 8" Concrete Manhole	356.15
02 41 19 13-0214	EA	Drill 8" Diameter Core In 8" Concrete Manhole	508.14
02 41 19 13-0215	EA	Drill 2" Diameter Core In Fiberglass Manhole	23.22
02 41 19 13-0216	EA	Drill 3" Diameter Core In Fiberglass Manhole	26.83
02 41 19 13-0217	EA	Drill 4" Diameter Core In Fiberglass Manhole	29.10
02 41 19 13-0218	EA	Drill 5" Diameter Core In Fiberglass Manhole	31.75
02 41 19 13-0219	EA	Drill 6" Diameter Core In Fiberglass Manhole	34.94
02 41 19 13-0220	EA	Drill 8" Diameter Core In Fiberglass Manhole	38.85

02 41 19 13-0221 Drilling In Concrete Per Inch Of Depth *(02 41 19 13-0024)*

Note: Includes layout.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0222	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	1.84	
02 41 19 13-0223	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	1.94	
02 41 19 13-0224	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	2.08	
02 41 19 13-0225	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	2.22	
02 41 19 13-0226	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	2.43	
02 41 19 13-0227	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	2.63	
02 41 19 13-0228	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	2.77	
02 41 19 13-0229	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	3.06	
02 41 19 13-0230	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	3.47	
02 41 19 13-0231		Drilling In Brick/Concrete Block Per Inch Of Depth *(02 41 19 13-0024)*		
		Note: Includes layout.		
02 41 19 13-0232	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.54	
02 41 19 13-0233	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.63	
02 41 19 13-0234	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.74	
02 41 19 13-0235	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.85	
02 41 19 13-0236	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.04	
02 41 19 13-0237	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.20	
02 41 19 13-0238	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.32	
02 41 19 13-0239	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.56	
02 41 19 13-0240	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.02	
02 41 19 13-0241		Drilling In Wood Or Plastic Per Inch Of Depth *(02 41 19 13-0024)*		
		Note: Includes layout.		
02 41 19 13-0242	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.76	
02 41 19 13-0243	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.81	
02 41 19 13-0244	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.86	
02 41 19 13-0245	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.91	
02 41 19 13-0246	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.00	
02 41 19 13-0247	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.08	
02 41 19 13-0248	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.14	
02 41 19 13-0249	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.26	
02 41 19 13-0250	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.45	
02 41 19 13-0251		Minimum Charge For Core Drilling *(02 41 19 13-0024)*		
02 41 19 13-0252	EA	Core Drill Minimum Charge Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".	633.31	
02 41 19 13-0253		Cutouts *(02 41 19 13)* Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.		
02 41 19 13-0254		Reinforced Concrete Slab On Grade Cutouts *(02 41 19 13-0253)*		
02 41 19 13-0255	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	40.12	
02 41 19 13-0256	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	42.55	
02 41 19 13-0257	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	44.99	
02 41 19 13-0258	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	47.41	
02 41 19 13-0259	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	48.63	
02 41 19 13-0260		Reinforced Concrete Elevated Slab Cutouts *(02 41 19 13-0253)*		
		Note: Includes cutting and removing steel decking.		
02 41 19 13-0261	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	48.89	
02 41 19 13-0262	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	51.85	
02 41 19 13-0263	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	54.82	
02 41 19 13-0264	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	57.78	
02 41 19 13-0265	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	59.27	
02 41 19 13-0266		Reinforced Concrete Wall Cutouts *(02 41 19 13-0253)*		
02 41 19 13-0267	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	50.15	
02 41 19 13-0268	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	53.19	
02 41 19 13-0269	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	56.22	
02 41 19 13-0270	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	59.27	
02 41 19 13-0271	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	60.79	
02 41 19 13-0272		Brick Wall Cutouts *(02 41 19 13-0253)* Note: Excludes toothing.		
02 41 19 13-0273	SF	4" Thick Brick Wall Cutouts, <24 SF	15.20	
02 41 19 13-0274	SF	6" Thick Brick Wall Cutouts, <24 SF	25.08	
02 41 19 13-0275	SF	8" Thick Brick Wall Cutouts, <24 SF	34.91	
02 41 19 13-0276	SF	10" Thick Brick Wall Cutouts, <24 SF	42.55	
02 41 19 13-0277	SF	12" Thick Brick Wall Cutouts, <24 SF	50.91	
02 41 19 13-0278	SF	16" Thick Brick Wall Cutouts, <24 SF	60.02	
02 41 19 13-0279		Concrete Block Wall Cutouts *(02 41 19 13-0253)* Note: Excludes toothing.		
02 41 19 13-0280	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	25.14	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0281	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	26.62	
02 41 19 13-0282	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	28.11	
02 41 19 13-0283	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	29.63	
02 41 19 13-0284	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	30.39	
02 41 19 13-0285	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	31.91	
02 41 19 13-0286		Limestone Cutouts *(02 41 19 13-0253)*		
02 41 19 13-0287	SF	2" Thick Limestone Cutouts, <24 SF	42.55	
02 41 19 13-0288	SF	4" Thick Limestone Cutouts, <24 SF	51.67	
02 41 19 13-0289	SF	6" Thick Limestone Cutouts, <24 SF	54.71	
02 41 19 13-0290	SF	8" Thick Limestone Cutouts, <24 SF	57.75	
02 41 19 13-0291	SF	10" Thick Limestone Cutouts, <24 SF	60.79	
02 41 19 13-0292	SF	12" Thick Limestone Cutouts, <24 SF	63.82	
02 41 19 13-0293		Toothing Masonry Cutouts *(02 41 19 13-0253)* Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.		
02 41 19 13-0294	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts	15.20	
02 41 19 13-0295	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts	20.51	
02 41 19 13-0296	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	9.12	
02 41 19 13-0297	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts	12.16	
02 41 19 13-0298		Minimum Charge For Cutouts *(02 41 19 13-0253)* Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0299	EA	Cutouts Minimum Charge	303.93	
02 41 19 13-0300		Exterior Masonry Removal *(02 41 19 13)*		
02 41 19 13-0301		Masonry Columns Removal (Interior And Exterior) *(02 41 19 13-0300)*		
02 41 19 13-0302	VLF	8" x 8" Masonry Column Removal	11.86	
02 41 19 13-0303	VLF	10" x 10" Masonry Column Removal	18.53	
02 41 19 13-0304	VLF	12" x 12" Masonry Column Removal	23.75	
02 41 19 13-0305	VLF	14" x 14" Masonry Column Removal	29.73	
02 41 19 13-0306	VLF	16" x 16" Masonry Column Removal	36.53	
02 41 19 13-0307	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	20.51	
02 41 19 13-0308		Remove And Reset Precast, Stone Or Masonry Coping *(02 41 19 13-0300)* Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0309	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	17.50	
02 41 19 13-0310	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	25.68	
02 41 19 13-0311	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	48.17	
02 41 19 13-0312		Facade Removal *(02 41 19 13-0300)* Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0313	SF	Stone Or Brick Veneer Facade Removal	4.51	
		For Cleaning and Storage For Reuse, Add		*6.77*
02 41 19 13-0314		Exterior Masonry Removal *(02 41 19 13-0300)* Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0315	SF	Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall	3.97	
02 41 19 13-0316	SF	Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall	4.48	
02 41 19 13-0317	SF	Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall	5.42	
02 41 19 13-0318	SF	Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall	5.93	
02 41 19 13-0319	SF	Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall	6.50	
02 41 19 13-0320	SF	Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall	8.14	
02 41 19 13-0321	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall	4.70	
02 41 19 13-0322	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall	5.37	
02 41 19 13-0323	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall	6.50	
02 41 19 13-0324	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall	7.11	
02 41 19 13-0325	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall	7.80	
02 41 19 13-0326	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall	9.76	
02 41 19 13-0327	SF	Demolish 4" Thick Brick Exterior Wall	3.97	
		For Cleaning and Storage For Reuse, Add		*5.96*
02 41 19 13-0328	SF	Demolish 6" Thick Brick Exterior Wall	4.48	
		For Cleaning and Storage For Reuse, Add		*6.72*
02 41 19 13-0329	SF	Demolish 8" Thick Brick Exterior Wall	5.42	
		For Cleaning and Storage For Reuse, Add		*8.13*
02 41 19 13-0330	SF	Demolish 10" Thick Brick Exterior Wall	5.93	
		For Cleaning and Storage For Reuse, Add		*8.90*
02 41 19 13-0331	SF	Demolish 12" Thick Brick Exterior Wall	6.50	
		For Cleaning and Storage For Reuse, Add		*9.75*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0332	SF	Demolish 16" Thick Brick Exterior Wall		8.14
		For Cleaning and Storage For Reuse, Add	*12.21*	
02 41 19 13-0333	CF	Exterior Brick, Concrete Block Or Composite Removal		11.56
		For Cleaning and Storage For Reuse, Add	*17.34*	

02 41 19 13-0334 Lintel Removal *(02 41 19 13-0300)*

Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.

02 41 19 13-0335	LF	Demolish Steel Lintel	15.01
02 41 19 13-0336	LF	Demolish Concrete Or Stone Lintel	20.02
02 41 19 13-0337	LF	Demolish Steel Shelf Angle	15.84
02 41 19 13-0338	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel	9.78
02 41 19 13-0339	LF	Reinstall Existing Concrete Or Stone Lintel	20.02
02 41 19 13-0340	LF	Reinstall Existing Steel Shelf Angle Note: Includes fasteners.	39.93
02 41 19 13-0341	LF	Reinstall Existing Steel Lintel	16.68
02 41 19 13-0342	LF	Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	93.35
02 41 19 13-0343	LF	Removal And Replacement Of Steel Lintel Over Window Openings	110.04

02 41 19 13-0344 Exterior Concrete Wall Removal *(02 41 19 13)*

02 41 19 13-0345	SF	Demolish 4" Thick Reinforced Concrete Exterior Wall	5.30
02 41 19 13-0346	SF	Demolish 6" Thick Reinforced Concrete Exterior Wall	9.61
02 41 19 13-0347	SF	Demolish 8" Thick Reinforced Concrete Exterior Wall	12.08
02 41 19 13-0348	SF	Demolish 10" Thick Reinforced Concrete Exterior Wall	14.26
02 41 19 13-0349	SF	Demolish 12" Thick Reinforced Concrete Exterior Wall	16.85

02 41 19 13-0351 Elevated Concrete Removal *(02 41 19 13)*

02 41 19 13-0352	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced	10.18

02 41 19 16 Selective Interior Demolition *(02 41 19)*

Note: Includes break-up of material, loading into truck or dumpster and clean-up.

02 41 19 16-0001 Floor Removal *(02 41 19 16)*

02 41 19 16-0002 Scarify Concrete *(02 41 19 16-0001)*

Note: Up to 1/4" removal per pass.

02 41 19 16-0003	SF	Scarify Concrete Floor	0.25
02 41 19 16-0004	SF	Scarify Concrete Tread And Riser	2.06
02 41 19 16-0005	SF	Scarify Concrete Wall	1.87

02 41 19 16-0006 Fireproofing Removal *(02 41 19 16)*

02 41 19 16-0007	SF	Removal Of Fireproofing From Concrete Or Steel	1.01

02 41 19 16-0008 Demolish Ceiling *(02 41 19 16)*

02 41 19 16-0009	SF	Demolish Drywall Ceiling	0.78
02 41 19 16-0010	SF	Demolish Furred Plastered Ceiling	1.81
02 41 19 16-0011	SF	Demolish Suspended Plastered Ceiling And Suspension System	1.38

02 41 19 16-0012 Demolish Concrete Stair *(02 41 19 16)*

02 41 19 16-0013	CF	Demolish Interior Reinforced Concrete Stairs	6.50
02 41 19 16-0014	CF	Demolish Exterior Reinforced Concrete Stairs	5.53

02 41 19 16-0015 Demolish Interior Partition/Wall *(02 41 19 16)*

Note: Price includes knock down, loading, clean-up.

02 41 19 16-0016 Demolish Masonry And Concrete Interior Partition/Walls *(02 41 19 16-0015)*

Note: Includes saw cutting, knock down, loading and clean-up.

02 41 19 16-0017 Demolish Concrete Block Interior Partition/Walls *(02 41 19 16-0016)*

02 41 19 16-0018	SF	Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall	4.22
02 41 19 16-0019	SF	Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall	4.50
02 41 19 16-0020	SF	Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall	5.08
02 41 19 16-0021	SF	Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall	6.51
02 41 19 16-0022	SF	Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall	8.14
02 41 19 16-0023	SF	Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall	5.06
02 41 19 16-0024	SF	Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall	5.40
02 41 19 16-0025	SF	Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall	6.09
02 41 19 16-0026	SF	Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall	7.81
02 41 19 16-0027	SF	Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall	9.76

02 41 19 16-0028 Demolish Brick Interior Partition/Walls *(02 41 19 16-0016)*

02 41 19 16-0029	SF	Demolish 4" Thick Brick Interior Partition/Wall	4.22
02 41 19 16-0030	SF	Demolish 8" Thick Brick Interior Partition/Wall	5.08
02 41 19 16-0031	SF	Demolish 12" Thick Brick Interior Partition/Wall	6.50
02 41 19 16-0032	SF	Demolish 16" Thick Brick Interior Partition/Wall	8.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 19 16-0033 Demolish Glass Block Interior Partition/Walls *(02 41 19 16-0016)*

02 41 19 16-0034	SF	Demolish Glass Block Interior Partition/Walls	3.61	

02 41 19 16-0035 Demolish Concrete Interior Partition/Walls *(02 41 19 16-0016)*

See CSI section 02 41 16 13-0021 for concrete foundation demolition.

02 41 19 16-0036	SF	Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall	7.66	
02 41 19 16-0037	SF	Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall	9.57	
02 41 19 16-0038	SF	Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall	13.41	
02 41 19 16-0039	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall	9.19	
02 41 19 16-0040	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall	11.56	
02 41 19 16-0041	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall	16.09	

02 41 19 16-0042 Demolish Terra-Cotta Block Interior Partition/Walls *(02 41 19 16-0016)*

02 41 19 16-0043	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster	1.44	

02 41 19 16-0044 Demolish Stud Framed Interior Partition/Walls *(02 41 19 16-0015)*

Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.

02 41 19 16-0045	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side	2.56	
		For Heights >14' To 20', Add		*0.38*
		For Heights >20', Add		*0.51*
02 41 19 16-0046	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides	2.98	
		For Heights >14' To 20', Add		*0.45*
		For Heights >20', Add		*0.60*
02 41 19 16-0047	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side	3.27	
		For Heights >14' To 20', Add		*0.49*
		For Heights >20', Add		*0.65*
02 41 19 16-0048	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides	4.55	
		For Heights >14' To 20', Add		*0.68*
		For Heights >20', Add		*0.91*
02 41 19 16-0049	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall	1.34	
		For Heights >14' To 20', Add		*0.20*
		For Heights >20', Add		*0.27*
02 41 19 16-0050	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall	1.60	
		For Heights >14' To 20', Add		*0.24*
		For Heights >20', Add		*0.32*

02 42 Removal And Salvage Of Construction Materials *(02 40)*

02 42 21 Salvage of Construction Materials *(02 42)*

Note: Salvage tasks include placement on pallets and storage on site.

02 42 21 35 Roofing Salvage *(02 42 21)*

02 42 21 35-0001 Clay Tile Roof Remove And Salvage For Re-use *(02 42 21 35)*

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 35-0002	SQ	Removal Of Clay Roof Tile, Salvage For Re-use	235.83	

02 42 21 47 Flooring Salvage *(02 42 21)*

02 42 21 47-0001 Remove And Salvage For Re-Use *(02 42 21 47)*

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 47-0002	SF	Removal Of Brick Flooring And Salvage	2.15	
02 42 21 47-0003	SF	Removal Of Ceramic/Quarry Tile Floor And Salvage	2.15	
02 42 21 47-0004	SF	Removal Of Terrazzo Flooring And Salvage	2.97	
02 42 21 47-0005	SF	Removal Of Wood Strip Flooring And Salvage	1.74	
02 42 21 47-0006	SF	Removal Of Wood Parquet Flooring And Salvage	0.91	
02 42 21 47-0007	SF	Removal Of Resilient/Linoleum Flooring And Salvage	0.66	

02 43 Structure Moving *(02 40)*

02 43 13 Structure Relocation *(02 43)*

Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.

02 43 13 13 Building Relocation *(02 43 13)*

02 43 13 13-0001 Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete *(02 43 13 13)*

Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.

02 43 13 13-0002	SF	Up To 800 SF, Move Relocatable Metal Frame Building	28.83	
02 43 13 13-0003	SF	>800 To 920 SF, Move Relocatable Metal Frame Building	27.25	
02 43 13 13-0004	SF	>920 SF, Move Relocatable Metal Frame Building	25.50	
02 43 13 13-0005	SF	Up To 800 SF, Move Relocatable Wood Frame Building	23.13	
02 43 13 13-0006	SF	>800 To 920 SF, Move Relocatable Wood Frame Building	21.62	
02 43 13 13-0007	SF	>920 SF, Move Relocatable Wood Frame Building	19.12	
02 43 13 13-0008	SF	Up To 800 SF, Move Relocatable Wood/Metal Frame Building	28.02	
02 43 13 13-0009	SF	>800 To 920 SF, Move Relocatable Wood/Metal Frame Building	25.50	
02 43 13 13-0010	SF	>920 SF, Move Relocatable Wood/Metal Frame Building	21.62	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 60 Contaminated Site Material Removal *(02)*

02 61 Removal And Disposal Of Contaminated Soils *(02 60)*

02 61 13 Excavation And Handling Of Contaminated Material *(02 61)*

See CSI section 31 23 16 00-0000 for excavation.

02 61 13 00-0001 Excavate Petroleum Contaminated Soil *(02 61 13)*

02 61 13 00-0002	CY	Excavate Petroleum Contaminated Soil Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.	10.63	
02 61 13 00-0003	CY	Load Excavated Petroleum Contaminated Soil	6.12	
02 61 13 00-0004	CY	Disposal Fees Of Petroleum Contaminated Soil	61.20	

02 61 13 00-0005 Accessories For Contaminated Soil Stockpile *(02 61 13)*

See CSI section 31 25 14 23-0024 for sand bags.

02 61 13 00-0006	SF	30 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.05	
02 61 13 00-0007	SF	10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	0.63	

02 61 26 Removal and Disposal of Asbestos Contaminated Soils *(02 61)*

Note: Tasks include materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0001 Removal and Disposal of Asbestos Contaminated Soils *(02 61 26)*

Note: Tasks include materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0002	EA	Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	788.07	
		For Work In Restricted Working Space, Add		*236.42*
02 61 26 00-0003	CF	>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	52.24	
		For Work In Restricted Working Space, Add		*15.67*
02 61 26 00-0004	CF	>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	34.83	
		For Work In Restricted Working Space, Add		*10.45*
02 61 26 00-0005	CF	>250 To 500 CF, Asbestos Contaminated Asbestos Abatement And Disposal	26.16	
02 61 26 00-0006	CF	>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	20.89	
		For Work In Restricted Working Space, Add		*6.27*
02 61 26 00-0007	CF	>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	17.76	
		For Work In Restricted Working Space, Add		*5.33*
02 61 26 00-0008	CF	>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	15.98	
		For Work In Restricted Working Space, Add		*4.79*

02 65 Underground Storage Tank Removal *(02 60)*

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0039 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

02 65 00 00-0001 Monitoring, Sampling, Testing And Analysis *(02 65)*

02 65 00 00-0002 Field Samples For Testing Underground Storage Tank *(02 65 00 00-0001)*

02 65 00 00-0003	EA	Collection Of Sludge Sample For Underground Storage Tank	25.26	
02 65 00 00-0004	EA	Collection Of Pumpable Liquids Sample For Underground Storage Tank	25.26	
02 65 00 00-0005	EA	Collection Of Contaminated Soil Sample	25.26	

02 65 00 00-0006 Lab Tests For Underground Storage Tank Removal *(02 65 00 00-0001)*

Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.

02 65 00 00-0007	EA	Lab Test - Benzene, Toluene, Ethylbenzene, Xylene 8020 Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	115.34	
02 65 00 00-0008	EA	Lab Test - Flashpoint Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	44.85	
02 65 00 00-0009	EA	Lab Test - TOX 9020 Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	107.90	
02 65 00 00-0010	EA	Lab Test - TPH 8015 Modified Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	115.34	
02 65 00 00-0011	EA	Lab Test - TRPH 418.1 Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	89.70	
02 65 00 00-0012	EA	Lab Test - VOC Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	243.48	
02 65 00 00-0013	EA	Lab Test - Semi-Volatile Organic Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	448.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0014	EA	Lab Test - Oil And Grease 413.1	53.95	
		Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.		
02 65 00 00-0015	EA	Lab Test - TCLP (Extraction) - Metals	96.11	
		Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.		
02 65 00 00-0016	EA	Lab Test - TCLP (Extraction) - Semi-Volatile Organic	128.15	
		Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.		
02 65 00 00-0017	EA	Lab Test - Metals 6010 RCRA	143.53	
		Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.		
02 65 00 00-0018	EA	Lab Test - Metals (Arsenic) 7060	19.22	
		Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.		
02 65 00 00-0019	EA	Lab Test - Metals (Selenium) 7740	19.22	
		Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.		
02 65 00 00-0020	EA	Lab Test - Metals (Lead) 7421	19.22	
		Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.		
02 65 00 00-0021	EA	Lab Test - Metals (Mercury) 7470	35.88	
		Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.		
02 65 00 00-0022	EA	Lab Test - PNA/PAH 8100	205.04	
		Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.		
02 65 00 00-0023	EA	Lab Test - Fuel Id ASTM D3328-78	74.18	
		Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.		
02 65 00 00-0024	EA	Lab Test - pH	15.38	
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	192.22	
02 65 00 00-0026	EA	Lab Test - Methyl Tertiary Butyl Ether (MTBE)	115.34	
02 65 00 00-0027		Tests, Surveys And Maintenance For Underground Storage Tank *(02 65 00 00-0001)*		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer	988.22	
		Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.		
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems	154.59	
		Note: By Certified Technician. Write report of findings for action if needed		
02 65 00 00-0030	EA	Check And Report On Monitor Probes	36.57	
		Note: By Certified Technician		
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report	267.67	
		Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.		
02 65 00 00-0032	EA	Replace Anode On Impressed System	107.82	
02 65 00 00-0033	EA	Replace Power Converter On Impressed System On Underground Storage Tank	155.94	
02 65 00 00-0034	EA	Replace Monitor Probes On Underground Storage Tank	225.83	
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank	76.68	
02 65 00 00-0036		Tests And Sampling Labor Hours *(02 65 00 00-0001)*		
02 65 00 00-0037	HR	Certified Tank Installer For Underground Storage Tank	94.31	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	113.18	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank	118.15	
		Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.		
02 65 00 00-0040		Remove Tank Contents *(02 65)*		
02 65 00 00-0041		Transfer Liquid *(02 65 00 00-0040)*		
		Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank	0.60	
		Note: Per gallon of material transferred.		
02 65 00 00-0043		Remove And Dispose Of Liquid From Tank *(02 65 00 00-0040)*		
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank	1.29	
02 65 00 00-0045	GAL	Removal and Disposal Of Non Hazardous Liquid From Tank	0.91	
02 65 00 00-0046		Remove And Dispose Of Solids Or Sludge *(02 65 00 00-0040)*		
		Note: Includes scraping and solidifying agent.		
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank	5.23	
02 65 00 00-0048	GAL	Removal and Disposal Of Non Hazardous Solids Or Sludge From Tank	1.19	
02 65 00 00-0049		Purge Vapors, Open And Clean Tank *(02 65)*		
02 65 00 00-0050		Purge Vapors *(02 65 00 00-0049)*		
02 65 00 00-0051	LB	Purge Tank Using Dry Ice	2.93	
		Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.		
02 65 00 00-0052		High Pressure Water Wash And Rinse Of Tank Interior *(02 65 00 00-0049)*		
		Note: Includes removal and disposal of rinse water.		
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	260.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	341.95	
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	444.61	
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	603.73	
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,173.88	
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,411.52	
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,622.70	
02 65 00 00-0060	EA	>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	1,962.36	
02 65 00 00-0061	EA	>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	2,536.72	
02 65 00 00-0062	EA	>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,049.77	
02 65 00 00-0063	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	3,868.90	
02 65 00 00-0064	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	4,760.90	
02 65 00 00-0065	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	5,818.16	

02 65 00 00-0066 Scrape Clean Tank Exterior *(02 65 00 00-0049)*

02 65 00 00-0067	EA	Up To 275 Gallon Tank, Scrape Clean Tank Exterior	195.42	
02 65 00 00-0068	EA	>275 To 550 Gallon Tank, Scrape Clean Tank Exterior	260.23	
02 65 00 00-0069	EA	>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior	340.99	
02 65 00 00-0070	EA	>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior	472.21	
02 65 00 00-0071	EA	>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior	1,045.72	
02 65 00 00-0072	EA	>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior	1,324.11	
02 65 00 00-0073	EA	>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior	1,549.43	
02 65 00 00-0074	EA	>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior	1,947.87	
02 65 00 00-0075	EA	>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior	2,531.75	
02 65 00 00-0076	EA	>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior	3,177.84	
02 65 00 00-0077	EA	>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior	4,137.82	
02 65 00 00-0078	EA	>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior	4,965.38	
02 65 00 00-0079	EA	>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior	6,206.72	

02 65 00 00-0080 Tank And Piping Removal *(02 65)*

Note: Excludes excavation.

02 65 00 00-0081 Removal And Disposal Of Piping *(02 65 00 00-0080)*

Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.

02 65 00 00-0082	LF	Up To 4", Removal And Disposal Of Piping	15.49	
02 65 00 00-0083	LF	>4" To 8", Removal And Disposal Of Piping	20.65	

02 65 00 00-0084 Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement *(02 65 00 00-0080)*

Note: Excludes excavation or backfill.

02 65 00 00-0085	EA	Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	537.42	
02 65 00 00-0086	EA	>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	652.57	
02 65 00 00-0087	EA	>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	767.74	
02 65 00 00-0088	EA	>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	959.67	
02 65 00 00-0089	EA	>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,343.53	
02 65 00 00-0090	EA	>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,689.02	
02 65 00 00-0091	EA	>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	1,919.34	
02 65 00 00-0092	EA	>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	2,303.21	
02 65 00 00-0093	EA	>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,070.94	
02 65 00 00-0094	EA	>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	3,681.39	
02 65 00 00-0095	EA	>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	4,313.82	
02 65 00 00-0096	EA	>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	5,046.81	
02 65 00 00-0097	EA	>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement	6,308.50	

02 65 00 00-0098 Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary *(02 65 00 00-0080)*

Note: Includes 1 lengthwise at every 4' on-center height wise.

02 65 00 00-0099	EA	>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	656.41	
02 65 00 00-0100	EA	>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,224.11	
02 65 00 00-0101	EA	>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,472.47	
02 65 00 00-0102	EA	>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,641.02	
02 65 00 00-0103	EA	>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	1,969.22	
02 65 00 00-0104	EA	>10,000 to 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,448.22	
02 65 00 00-0105	EA	>15,000 to 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	2,944.96	
02 65 00 00-0106	EA	>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	3,681.20	
02 65 00 00-0107	EA	>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	4,601.51	
02 65 00 00-0108	EA	>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of	5,751.87	

02 65 00 00-0109 Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station *(02 65 00 00-0080)*

Note: Includes disposal fee.

02 65 00 00-0110	EA	Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	243.56	
		For Each Additional Mile >15 Miles, Add		*3.62*
02 65 00 00-0111	EA	>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	331.00	
		For Each Additional Mile >15 Miles, Add		*4.58*
02 65 00 00-0112	EA	>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	521.16	
		For Each Additional Mile >15 Miles, Add		*6.87*
02 65 00 00-0113	EA	>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	813.39	
		For Each Additional Mile >15 Miles, Add		*8.01*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0114	EA	>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,435.47	
		For Each Additional Mile >15 Miles, Add	*14.12*	
02 65 00 00-0115	EA	>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,481.25	
		For Each Additional Mile >15 Miles, Add	*15.26*	
02 65 00 00-0116	EA	>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	1,557.56	
		For Each Additional Mile >15 Miles, Add	*17.17*	
02 65 00 00-0117	EA	>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	2,262.96	
		For Each Additional Mile >15 Miles, Add	*22.89*	
02 65 00 00-0118	EA	>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	3,098.68	
		For Each Additional Mile >15 Miles, Add	*34.34*	
02 65 00 00-0119	EA	>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	3,629.19	
		For Each Additional Mile >15 Miles, Add	*38.15*	
02 65 00 00-0120	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	4,493.04	
		For Each Additional Mile >15 Miles, Add	*45.78*	
02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	6,305.18	
		For Each Additional Mile >15 Miles, Add	*54.94*	
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	7,620.66	
		For Each Additional Mile >15 Miles, Add	*63.18*	

02 65 00 00-0123 Other Storage Tank Removals *(02 65 00 00-0080)*

02 65 00 00-0124	GAL	Removal Of Cement Lining	0.46	
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.17	
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	0.92	

02 65 00 00-0127 Tank Closure Report *(02 65 00 00-0080)*

Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.

02 65 00 00-0128	EA	Prepare Tank Closure Report	2,470.55	

02 65 00 00-0129 Temporary Tanks *(02 65)*

02 65 00 00-0130 Temporary Holding Tanks *(02 65 00 00-0129)*

02 65 00 00-0131 Above Ground Temporary Holding Tanks, Monthly Rental *(02 65 00 00-0130)*

02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	533.27	
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	533.27	
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,066.54	
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	799.91	
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	1,866.45	
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	1,333.18	
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	3,029.18	
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	3,630.21	
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	6,130.49	

02 65 00 00-0141 Secondary Containment Berm *(02 65 00 00-0129)*

02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	1,155.42	

02 80 Facility Remediation *(02)*

02 81 Transportation And Disposal Of Hazardous Materials *(02 80)*

02 81 00 00-0001 Equipment Oil Drain And Disposal *(02 81)*

02 81 00 00-0002	TRIP	Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site Note: Excludes Disposal Cost.	375.20	
02 81 00 00-0003	DRM	Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	58.96	
02 81 00 00-0004	DRM	Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	268.00	
02 81 00 00-0005	DRM	Disposal of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum Note: Excludes draining, placing in approved container, and transporting to disposal site.	482.40	
02 81 00 00-0006	CF	Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	64.22	

02 82 Asbestos Remediation *(02 80)*

Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. This does not apply to glove bag projects. See CSI section 01 56 16 00-0035 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0015 for decontamination chambers.

02 82 13 Asbestos Abatement *(02 82)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 13 00-0001		Air Monitoring And Bulk Sampling, Asbestos Testing *(02 82 13)* Note: Testing tasks include packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.		
02 82 13 00-0002	HR	Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring	63.44	
02 82 13 00-0003	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	34.84	
02 82 13 00-0004	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	40.84	
02 82 13 00-0005	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	64.87	
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	111.72	
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	135.75	
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing	27.63	
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing	33.64	
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing	45.65	
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	34.84	
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test	40.84	
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	64.87	
02 82 13 00-0014	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	111.72	
02 82 13 00-0015	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing	128.54	
02 82 13 00-0016	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing	178.99	
02 82 16		**Engineering Control of Asbestos Containing Materials** *(02 82)*		
02 82 16 00-0001		Asbestos Encapsulation (Lock-Down) *(02 82 16)*		
02 82 16 00-0002	SF	Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat	1.18	
02 82 16 00-0003	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound)	1.58	
02 82 16 00-0004	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®)	1.64	
02 82 16 00-0005	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®)	1.86	
02 82 16 00-0006	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®)	5.30	
02 82 16 00-0007	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®)	5.93	
02 82 33		**Removal and Disposal of Asbestos Containing Materials** *(02 82)*		
02 82 33 00-0001		Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0002		Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0001)* Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.		
02 82 33 00-0003		Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)* See CSI section 02 82 33 00-0017 for projects with less than 10 LF.		
02 82 33 00-0004	SET	>10 To 25 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	532.44	
		For Work In Restricted Working Space, Add	*157.61*	
02 82 33 00-0005	LF	>25 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	27.22	
		For Work In Restricted Working Space, Add	*8.06*	
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	20.50	
		For Work In Restricted Working Space, Add	*6.05*	
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	15.46	
		For Work In Restricted Working Space, Add	*4.53*	
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	11.68	
		For Work In Restricted Working Space, Add	*3.40*	
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	10.21	
		For Work In Restricted Working Space, Add	*2.96*	
02 82 33 00-0010		>6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)* See CSI section 02 82 33 00-0017 for projects with less than 10 LF.		
02 82 33 00-0011	SET	>10 To 25 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	553.67	
		For Work In Restricted Working Space, Add	*157.61*	
02 82 33 00-0012	LF	>25 To 250 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	32.31	
		For Work In Restricted Working Space, Add	*9.27*	
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	24.58	
		For Work In Restricted Working Space, Add	*6.95*	
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	18.79	
		For Work In Restricted Working Space, Add	*5.21*	
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	14.44	
		For Work In Restricted Working Space, Add	*3.91*	
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	12.74	
		For Work In Restricted Working Space, Add	*3.40*	
02 82 33 00-0017		Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal *(02 82 33 00-0002)* Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.		
02 82 33 00-0018	SET	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal	384.89	
		For Work In Restricted Working Space, Add	*114.20*	
02 82 33 00-0019	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation	86.00	
		For Work In Restricted Working Space, Add	*25.38*	
02 82 33 00-0020	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation	34.25	
		For Work In Restricted Working Space, Add	*9.85*	
02 82 33 00-0021	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation	26.03	
		For Work In Restricted Working Space, Add	*7.39*	
02 82 33 00-0022	LF	>500 LF Additional Glove Bag Work for Pipe Insulation	19.87	
		For Work In Restricted Working Space, Add	*5.54*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0023		Thermal Insulation, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0024		Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal *(02 82 33 00-0023)* Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-0025	SET	Up To 20 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	534.21	
02 82 33 00-0026	SF	>20 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	27.22	
02 82 33 00-0027	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	21.51	
02 82 33 00-0028	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	16.22	
02 82 33 00-0029	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	12.25	
02 82 33 00-0030		Surfacing Material, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0031		Fireproofing For Small Areas, Asbestos Abatement And Disposal *(02 82 33 00-0030)* Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0033 for areas > 1 SF see CSI section.		
02 82 33 00-0032	EA	Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	131.70	
02 82 33 00-0033		Fireproofing, Asbestos Abatement And Disposal *(02 82 33 00-0030)* Note: Exposed surface area, includes associated overspray.		
02 82 33 00-0034	SET	Up To 20 SF, Fireproofing, Asbestos Abatement And Disposal	534.21	
02 82 33 00-0035	SF	>20 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	32.58	
02 82 33 00-0036	SF	>500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	24.52	
02 82 33 00-0037	SF	>2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	18.47	
02 82 33 00-0038	SF	>10,000 SF, Fireproofing, Asbestos Abatement And Disposal	13.94	
02 82 33 00-0039		Acoustical Plaster, Asbestos Abatement And Disposal *(02 82 33 00-0030)* Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-0040	SET	Up To 20 SF, Acoustical Plaster, Asbestos Abatement And Disposal	531.27	
02 82 33 00-0041	SF	>20 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	13.70	
02 82 33 00-0042	SF	>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	10.42	
02 82 33 00-0043	SF	>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	7.79	
02 82 33 00-0044	SF	>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	5.83	
02 82 33 00-0045		Gypsum Wall Board, Asbestos Abatement And Disposal *(02 82 33 00-0030)*		
02 82 33 00-0046	SET	Up To 20 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	537.16	
		For Additional Layer, Add	*144.48*	
02 82 33 00-0047	SF	>20 To 500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	10.58	
		For Additional Layer, Add	*2.84*	
02 82 33 00-0048	SF	>500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	7.79	
		For Additional Layer, Add	*2.08*	
02 82 33 00-0049	SF	>2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	6.15	
		For Additional Layer, Add	*1.63*	
02 82 33 00-0050	SF	>10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	4.84	
		For Additional Layer, Add	*1.27*	
02 82 33 00-0051	SF	>50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	3.85	
		For Additional Layer, Add	*0.99*	
02 82 33 00-0052	SF	>100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	3.13	
		For Additional Layer, Add	*0.79*	
02 82 33 00-0053		Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0030)*		
02 82 33 00-0054	SET	Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	531.27	
02 82 33 00-0055	SF	>25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	19.88	
02 82 33 00-0056	SF	>500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	14.62	
02 82 33 00-0057	SF	>2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	11.47	
02 82 33 00-0058	SF	>10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	8.97	
02 82 33 00-0059	SF	>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	6.48	
02 82 33 00-0060		Stucco, Asbestos Abatement And Disposal *(02 82 33 00-0030)*		
02 82 33 00-0061	SET	Up To 20 SF, Stucco, Asbestos Abatement And Disposal	537.16	
02 82 33 00-0062	SF	>20 To 500 SF, Stucco, Asbestos Abatement And Disposal	23.08	
02 82 33 00-0063	SF	>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	17.36	
02 82 33 00-0064	SF	>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	13.09	
02 82 33 00-0065	SF	>10,000 SF, Stucco, Asbestos Abatement And Disposal	9.88	
02 82 33 00-0066		Spray On Acoustical Ceiling, Asbestos Abatement And Disposal *(02 82 33 00-0030)*		
02 82 33 00-0067	SET	Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	537.16	
02 82 33 00-0068	SF	>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	9.00	
02 82 33 00-0069	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	7.03	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0070	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	5.17	
02 82 33 00-0071	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	3.92	
02 82 33 00-0072		Flooring Material, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0073		Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal *(02 82 33 00-0072)*		
02 82 33 00-0074		Floor Tile Or Linoleum, Asbestos Abatement And Disposal *(02 82 33 00-0073)*		
		Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0075	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	527.73	
02 82 33 00-0076	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	5.61	
		For Each Additional Layer, Add	*1.40*	
02 82 33 00-0077	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	4.61	
		For Each Additional Layer, Add	*1.15*	
02 82 33 00-0078	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	3.69	
		For Each Additional Layer, Add	*0.92*	
02 82 33 00-0079	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal	2.57	
		For Each Additional Layer, Add	*0.64*	
02 82 33 00-0080		Carpet, Asbestos Abatement And Disposal *(02 82 33 00-0073)*		
02 82 33 00-0081	SET	Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	527.73	
02 82 33 00-0082	SF	>100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	4.40	
02 82 33 00-0083	SF	>500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	3.57	
02 82 33 00-0084	SF	>2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	2.63	
02 82 33 00-0085	SF	>10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal	2.02	
02 82 33 00-0086		Wall Or Cove Base, Asbestos Abatement And Disposal *(02 82 33 00-0073)*		
		Note: Up to 12".		
02 82 33 00-0087	SET	Up To 50 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	199.96	
02 82 33 00-0088	LF	>50 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	3.62	
02 82 33 00-0089	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	2.23	
02 82 33 00-0090	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.43	
02 82 33 00-0091	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.04	
02 82 33 00-0092		Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0072)*		
		Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0093	SET	Up To 200 SF, Mastic, Asbestos Abatement And Disposal	531.27	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0094	SF	>200 To 500 SF, Mastic, Asbestos Abatement And Disposal	2.03	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0095	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal	1.50	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0096	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal	1.17	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0097	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal	0.95	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0098		Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0072)*		
		Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.		
02 82 33 00-0099	SET	Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	548.96	
02 82 33 00-0100	SF	>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.45	
02 82 33 00-0101	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.77	
02 82 33 00-0102	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	3.79	
02 82 33 00-0103	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	3.00	
02 82 33 00-0104		Roofing, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0105		Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0104)*		
		Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0106		Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0105)*		
02 82 33 00-0107	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	686.20	
02 82 33 00-0108	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.28	
02 82 33 00-0109	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.27	
02 82 33 00-0110	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0111	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.66	
02 82 33 00-0112	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.06	
02 82 33 00-0113		>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0105)*		
02 82 33 00-0114	SET	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	708.60	
02 82 33 00-0115	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.21	
02 82 33 00-0116	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.04	
02 82 33 00-0117	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.15	
02 82 33 00-0118	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.23	
02 82 33 00-0119	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	2.53	
02 82 33 00-0120		>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0105)*		
02 82 33 00-0121	SET	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	734.54	
02 82 33 00-0122	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.08	
02 82 33 00-0123	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.79	
02 82 33 00-0124	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.80	
02 82 33 00-0125	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.78	
02 82 33 00-0126	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.00	
02 82 33 00-0127		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0104)*		
02 82 33 00-0128		Shingles And Felt Roofing, Asbestos Abatement And Disposal *(02 82 33 00-0127)*		
02 82 33 00-0129	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	664.09	
02 82 33 00-0130	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	5.10	
		For Each Additional Layer, Add	*1.28*	
02 82 33 00-0131	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.09	
		For Each Additional Layer, Add	*1.02*	
02 82 33 00-0132	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.28	
		For Each Additional Layer, Add	*0.82*	
02 82 33 00-0133	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.48	
		For Each Additional Layer, Add	*0.62*	
02 82 33 00-0134	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1.88	
		For Each Additional Layer, Add	*0.47*	
02 82 33 00-0135		Roof Penetration Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0104)*		
02 82 33 00-0136	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	197.60	
02 82 33 00-0137	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.03	
02 82 33 00-0138	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.67	
02 82 33 00-0139	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.36	
02 82 33 00-0140	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.01	
02 82 33 00-0141		Roof Curb Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0104)*		
02 82 33 00-0142	SET	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	164.77	
02 82 33 00-0143	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	5.97	
02 82 33 00-0144	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	4.79	
02 82 33 00-0145	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	4.00	
02 82 33 00-0146	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	2.90	
02 82 33 00-0147		Asbestos-Cement Products, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0148		Interior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0147)* Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0149	SET	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	537.16	
02 82 33 00-0150	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	5.49	
02 82 33 00-0151	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.81	
02 82 33 00-0152	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.27	
02 82 33 00-0153	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1.99	
02 82 33 00-0154		Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0147)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0155	SET	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	537.16	
02 82 33 00-0156	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	4.78	
02 82 33 00-0157	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.51	
02 82 33 00-0158	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.03	
02 82 33 00-0159	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1.78	
02 82 33 00-0160		Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal *(02 82 33 00-0147)*		
02 82 33 00-0161	SET	Up To 20 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	408.19	
02 82 33 00-0162	LF	>20 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	28.28	
02 82 33 00-0163	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	21.56	
02 82 33 00-0164	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	16.52	
02 82 33 00-0165	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	12.74	
02 82 33 00-0166	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	9.91	
02 82 33 00-0167	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	9.71	
02 82 33 00-0168		Exterior Transite Siding, Asbestos Abatement And Disposal *(02 82 33 00-0147)*		
02 82 33 00-0169	SET	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	545.35	
02 82 33 00-0170	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.32	
02 82 33 00-0171	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.48	
02 82 33 00-0172	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.81	
02 82 33 00-0173	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.14	
02 82 33 00-0174	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1.63	
02 82 33 00-0175		Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0176		Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33 00-0175)*		
02 82 33 00-0177	SET	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	539.52	
		For Work In Restricted Working Space, Add	*157.61*	
02 82 33 00-0178	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	53.65	
		For Work In Restricted Working Space, Add	*15.67*	
02 82 33 00-0179	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	36.24	
		For Work In Restricted Working Space, Add	*10.45*	
02 82 33 00-0180	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	27.57	
		For Work In Restricted Working Space, Add	*7.85*	
02 82 33 00-0181	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	22.30	
		For Work In Restricted Working Space, Add	*6.27*	
02 82 33 00-0182	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	19.17	
		For Work In Restricted Working Space, Add	*5.33*	
02 82 33 00-0183	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	17.39	
		For Work In Restricted Working Space, Add	*4.79*	
02 82 33 00-0184		Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal *(02 82 33 00-0175)*		
02 82 33 00-0185	SET	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	421.21	
02 82 33 00-0186	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	53.81	
02 82 33 00-0187	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	38.14	
02 82 33 00-0188	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	30.34	
02 82 33 00-0189	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	25.60	
02 82 33 00-0190	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	22.77	
02 82 33 00-0191	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	21.17	
02 82 33 00-0192		Other Asbestos Containing Materials, Asbestos Abatement And Disposal *(02 82 33)*		
02 82 33 00-0193		30" To 36" Fire Door, Asbestos Abatement And Disposal *(02 82 33 00-0192)*		
02 82 33 00-0194	SET	Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	269.06	
02 82 33 00-0195	EA	>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	100.93	
02 82 33 00-0196	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	91.48	
02 82 33 00-0197		HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal *(02 82 33 00-0192)*		
02 82 33 00-0198	SET	Up To 25 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	262.98	
02 82 33 00-0199	LF	>25 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.40	
02 82 33 00-0200	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.06	
02 82 33 00-0201	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.50	
02 82 33 00-0202	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.02	
02 82 33 00-0203	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	2.59	
02 82 33 00-0204	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	2.23	
02 82 33 00-0205		Grout, Asbestos Abatement And Disposal *(02 82 33 00-0192)* Note: e.g. flue grout.		
02 82 33 00-0206	SET	Up To 20 LF, Grout, Asbestos Abatement And Disposal	262.89	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0207	LF	>20 To 50 LF, Grout, Asbestos Abatement And Disposal	10.36	
02 82 33 00-0208	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	7.14	
02 82 33 00-0209	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	6.12	
02 82 33 00-0210	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	5.26	
02 82 33 00-0211	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	4.53	
02 82 33 00-0212	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal	3.89	

02 82 33 00-0213 Gaskets, Asbestos Abatement And Disposal *(02 82 33 00-0192)*

Note: e.g. rope, web cloth, flat.

02 82 33 00-0214	SET	Up To 15 LF, Gaskets, Asbestos Abatement And Disposal	262.98	
02 82 33 00-0215	LF	>15 To 50 LF, Gaskets, Asbestos Abatement And Disposal	13.96	
02 82 33 00-0216	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	10.48	
02 82 33 00-0217	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	8.94	
02 82 33 00-0218	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	8.04	
02 82 33 00-0219	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	7.23	
02 82 33 00-0220	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	6.88	

02 82 33 00-0221 Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal *(02 82 33 00-0192)*

Note: e.g. grid, spline, or glued on.

02 82 33 00-0222	SET	Up To 40 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	531.26	
02 82 33 00-0223	SF	>40 To 1,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	11.28	
02 82 33 00-0224	SF	>1,000 To 2,500 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	5.49	
02 82 33 00-0225	SF	>2,500 To 10,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	3.75	
02 82 33 00-0226	SF	>10,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal	3.20	

02 82 33 00-0227 Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0192)*

Note: Includes ceiling tile, asbestos barrier paper, and furring strips.

02 82 33 00-0228	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	528.55	
02 82 33 00-0229	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	11.28	
02 82 33 00-0230	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.49	
02 82 33 00-0231	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	3.75	
02 82 33 00-0232	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	3.20	

02 82 33 00-0233 Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0192)*

02 82 33 00-0234 Non Friable Caulking, Asbestos Abatement And Disposal *(02 82 33 00-0233)*

02 82 33 00-0235	SET	Up To 25 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	262.89	
02 82 33 00-0236	LF	>25 To 50 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal	7.77	
02 82 33 00-0237	LF	>50 To 100 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	5.49	
02 82 33 00-0238	LF	>100 To 250 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	4.08	
02 82 33 00-0239	LF	>250 To 1,000 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	3.07	
02 82 33 00-0240	LF	>1,000 To 2,500 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	2.44	
02 82 33 00-0241	LF	>2,500 LF, Non Friable Asbestos Or Polychlorinated Biphenyl (PCB) Contaminated Caulking, Asbestos Abatement And Disposal	2.11	

02 82 33 00-0242 Window Putty, Asbestos Abatement And Disposal *(02 82 33 00-0192)*

02 82 33 00-0243	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	262.89	
02 82 33 00-0244	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal	10.36	
02 82 33 00-0245	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal	7.14	
02 82 33 00-0246	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal	6.12	
02 82 33 00-0247	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal	5.26	
02 82 33 00-0248	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal	4.53	

02 83 Lead Remediation *(02 80)*

Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0035 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0015 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation *(02 83)*

02 83 19 13 Lead-Based Paint Abatement *(02 83 19)*

02 83 19 13-0001 Scrape And Sand Lead Paint *(02 83 19 13)*

02 83 19 13-0002	SF	Hand Scrape Lead Paint From Concrete Or Masonry Surfaces	1.03	
02 83 19 13-0003	SF	Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces	1.07	
02 83 19 13-0004	SF	Hand Scrape Lead Paint From Wood Surfaces	1.40	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0005	SF	Hand Scraping And Sanding Lead Paint From Metal Surfaces	1.45	

02 83 19 13-0006 Lead Sampling And Testing *(02 83 19 13)*

Note: Includes taking sample, delivery to lab and lab fee.

02 83 19 13-0007	EA	X-Ray Fluorescence (XRF) Lead Testing Including Technician, 3 Readings Per Surface And Lab Fee	41.41	
02 83 19 13-0008	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (5 Day Turnaround) And Lab Fee	39.64	
02 83 19 13-0009	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (48 Hour Turnaround) And Lab Fee	60.06	
02 83 19 13-0010	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (24 Hour Turnaround) And Lab Fee	84.09	
02 83 19 13-0011	EA	Total Threshold Leaching Concentration (TTLC) Lead Test (5 Day Turnaround) And Lab Fee	15.62	
02 83 19 13-0012	EA	Total Threshold Leaching Concentration (TTLC) Lead Test (24 Hour Turnaround) And Lab Fee	24.03	
02 83 19 13-0013	EA	Total Threshold Leaching Concentration (TTLC) Lead Test (8 Hour Turnaround) And Lab Fee	30.03	
02 83 19 13-0014	EA	Soluble Threshold Limit Concentration (STLC) Lead Test (5 Day Turnaround) And Lab Fee	39.64	
02 83 19 13-0015	EA	Soluble Threshold Limit Concentration (STLC) Lead Test (3 Day Turnaround) And Lab Fee	60.06	
02 83 19 13-0016	EA	Lead Wipe Samples (5 Day Turnaround) And Lab Fee	6.61	
02 83 19 13-0017	EA	Lead Wipe Samples (24 Hour Turnaround) And Lab Fee	9.01	
02 83 19 13-0018	EA	Lead Wipe Samples (8 Hour Turnaround) And Lab Fee	13.21	
02 83 19 13-0019	EA	Lead Air Samples (5 Day Turn -Around) And Lab Fee	6.61	
02 83 19 13-0020	EA	Lead Air Samples (24 Hour Turnaround) And Lab Fee	9.01	
02 83 19 13-0021	EA	Lead Air Samples (8 Hour Turnaround) And Lab Fee	13.21	
02 83 19 13-0022	EA	Lead Water Test (5 Day Turnaround) and Lab Fee	24.03	
02 83 19 13-0023	EA	Lead Water Test (24 Hour Turnaround) and Lab Fee	36.04	
02 83 19 13-0024	EA	Lead Water Test (8 Hour Turnaround) and Lab Fee	48.05	
02 83 19 13-0025	EA	Lead Paint Chip Test (5 Day Turnaround) and Lab Fee	24.85	
02 83 19 13-0026	EA	Lead Soil Test (5 Day Turnaround) and Lab Fee	49.69	

02 83 19 13-0027 Minimum Charge For Lead-Based Paint Remediation *(02 83 19 13)*

02 83 19 13-0028	EA	Lead-Based Paint Remediation Minimum Show Up Charge Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	857.21	

02 83 19 13-0029 Chemical Stripping Of Lead Contaminated Material *(02 83 19 13)*

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0030	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	27.26	
02 83 19 13-0031	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	40.43	
02 83 19 13-0032	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	11.71	
02 83 19 13-0033	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	23.91	
02 83 19 13-0034	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	12.74	
02 83 19 13-0035	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	36.05	
02 83 19 13-0036	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	7.86	
02 83 19 13-0037	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	22.80	
02 83 19 13-0038	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	29.04	
02 83 19 13-0039	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	10.83	
02 83 19 13-0040	SF	Columns, Chemical Stripping Of Lead Contaminated Material	10.42	
02 83 19 13-0041	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	9.18	
02 83 19 13-0042	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	9.57	
02 83 19 13-0043	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	16.60	
02 83 19 13-0044	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	47.44	
02 83 19 13-0045	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	11.77	
02 83 19 13-0046	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	6.47	
02 83 19 13-0047	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	24.36	
02 83 19 13-0048	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	29.04	
02 83 19 13-0049	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	15.27	
02 83 19 13-0050	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	18.81	
02 83 19 13-0051	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	5.26	
02 83 19 13-0052	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	8.42	
02 83 19 13-0053	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	15.08	
02 83 19 13-0054	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	20.67	
02 83 19 13-0055	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	37.06	
02 83 19 13-0056	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	11.06	
02 83 19 13-0057	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	220.05	
02 83 19 13-0058	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	15.44	
02 83 19 13-0059	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	16.90	
02 83 19 13-0060	SF	Siding, Chemical Stripping Of Lead Contaminated Material	8.80	
02 83 19 13-0061	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	18.44	
02 83 19 13-0062	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	8.49	
02 83 19 13-0063	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	9.64	
02 83 19 13-0064	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	9.61	
02 83 19 13-0065	SF	Trusses, Chemical Stripping Of Lead Contaminated Material	13.61	
02 83 19 13-0066	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material	9.61	
02 83 19 13-0067	SF	Windows, One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	22.12	
02 83 19 13-0068	SF	Windows, One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	24.21	
02 83 19 13-0069	SF	Windows, One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	25.63	
02 83 19 13-0070	SF	Windows, One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	27.04	
02 83 19 13-0071	SF	Windows, One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	28.46	
02 83 19 13-0072	SF	Windows, One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	29.92	
02 83 19 13-0073	SF	Windows, One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	31.30	
02 83 19 13-0074	SF	Windows, One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	32.01	
02 83 19 13-0075	SF	Windows, One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	32.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0076	SF	Windows, One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	33.42	
02 83 19 13-0077	SF	Metal Stairs, Chemical Stripping Of Lead Contaminated Material	44.17	
02 83 19 13-0078	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material	7.67	
02 83 19 13-0079	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	22.46	
02 83 19 13-0080	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material	24.55	

02 83 19 13-0081 Demolish Lead Contaminated Material *(02 83 19 13)*

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0082	SF	Demolish Ceiling Suspension System, Lead Contaminated Material		1.94
02 83 19 13-0083	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material		1.13
02 83 19 13-0084	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material		0.72
02 83 19 13-0085	SF	Demolish Metal Pan Grid System, Lead Contaminated Material		1.12
02 83 19 13-0086	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material		54.12
02 83 19 13-0087	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material		71.80
02 83 19 13-0088	SF	Demolish Non Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material		8.02
02 83 19 13-0089	SF	Demolish Non Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material		4.49
02 83 19 13-0090	SF	Demolish Brick, Lead Contaminated Material		3.38
02 83 19 13-0091	SF	Demolish Concrete Block, Lead Contaminated Material		4.35
02 83 19 13-0092	SF	Demolish Tile, Lead Contaminated Material		3.28
02 83 19 13-0093	SF	Removal Of Lead Paint On Brick Or Concrete Block, Lead Contaminated Material		4.93
02 83 19 13-0094	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth		3.81
02 83 19 13-0095	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth		5.07
02 83 19 13-0096	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material		5.61
02 83 19 13-0097	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material		1.46
02 83 19 13-0098	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material		1.82
02 83 19 13-0099	LF	Demolish Base Shoe Molding, Lead Contaminated Material		1.18
02 83 19 13-0100	SF	Demolish Concrete, Lead Contaminated Material		11.16
02 83 19 13-0101	LF	Demolish Cabinets, Lead Contaminated Material		26.01
02 83 19 13-0102	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material		1.47
02 83 19 13-0103	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material		14.41
02 83 19 13-0104	SF	Demolish Cornice, Lead Contaminated Material		1.92
02 83 19 13-0105	EA	Demolish Doors, Lead Contaminated Material		56.42
02 83 19 13-0106	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material		1.72
02 83 19 13-0107	EA	Demolish Electrical Devices, Lead Contaminated Material		17.31
02 83 19 13-0108	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material		2.22
02 83 19 13-0109	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material		3.69
02 83 19 13-0110	SF	Demolish Wood Floors, Lead Contaminated Material		2.66
02 83 19 13-0111	SF	Demolish Grilles, Lead Contaminated Material		3.13
02 83 19 13-0112	EA	Demolish Hinges, Lead Contaminated Material		6.29
02 83 19 13-0113	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material		13.52
02 83 19 13-0114	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material		5.55
02 83 19 13-0115	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material		8.08
02 83 19 13-0116	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material		12.22
02 83 19 13-0117	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material		22.54
02 83 19 13-0118	EA	Demolish Radiators, Lead Contaminated Material		97.38
02 83 19 13-0119	EA	Demolish Shutters, Lead Contaminated Material		37.95
02 83 19 13-0120	SF	Demolish Siding, Lead Contaminated Material		1.51
02 83 19 13-0121	SF	Demolish Soffit, Lead Contaminated Material		1.28
02 83 19 13-0122	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material		3.51
02 83 19 13-0123	SF	Demolish Steel Beams, Lead Contaminated Material		4.13
02 83 19 13-0124	SF	Demolish Trusses, Lead Contaminated Material		5.42
02 83 19 13-0125	SF	Demolish Walls, Wood, Lead Contaminated Material		4.00
02 83 19 13-0126	SF	Demolish Windows, Lead Contaminated Material		13.47
02 83 19 13-0127	SF	Demolish Metal Stair, Lead Contaminated Material		6.45
02 83 19 13-0128	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material		4.74
02 83 19 13-0129	LF	Demolish Metal Railing And Posts, Lead Contaminated Material		7.74
02 83 19 13-0130	SF	Demolish Metal Picket Fence, Lead Contaminated Material		2.13
02 83 19 13-0131	SF	Demolish Plywood, Lead Contaminated Material		5.83
02 83 19 13-0132	SF	Demolish Planks (Various Sizes), Lead Contaminated Material		2.84
02 83 19 13-0133	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material		17.77
02 83 19 13-0134	SF	Demolish Ceramic Tile Block, Lead Contaminated Material		3.88
02 83 19 13-0135	LF	Demolish Metal Guard Rails, Lead Contaminated Material		10.66
02 83 19 13-0136	LF	Demolish Roof Metal Trim, Lead Contaminated Material		2.27
02 83 19 13-0137	LF	Demolish Rain Gutters, Lead Contaminated Material		3.91
02 83 19 13-0138	LF	Demolish Downspouts, Lead Contaminated Material		3.20
02 83 19 13-0139	LF	Demolish Roof Metal Flashing, Lead Contaminated Material		2.27
02 83 19 13-0140	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material		5.68
02 83 19 13-0141	SF	Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material		5.68
02 83 19 13-0142	SF	Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material		4.09
02 83 19 13-0143	SF	Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material		3.20
02 83 19 13-0144	SF	Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material		2.48
02 83 19 13-0145	SF	Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material		17.77
02 83 19 13-0146	SF	Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material		12.64
02 83 19 13-0147	SF	Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material		9.48
02 83 19 13-0148	SF	Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material		7.11

02 83 19 13-0149 Wet Sanding Of Lead Contaminated Material *(02 83 19 13)*

02 83 19 13-0150	SF	Wet Sand/Scrape Of Lead Contaminated Material For Prep Before New Paint		1.54

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 83 19 13-0151 Lead Abatement Encapsulation *(02 83 19 13)*

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.

02 83 19 13-0152	SF	Balustrades, Lead Abatement Encapsulation	4.79
02 83 19 13-0153	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	5.61
02 83 19 13-0154	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	7.55
02 83 19 13-0155	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	3.03
02 83 19 13-0156	SF	Ornate Cabinets, Lead Abatement Encapsulation	6.98
02 83 19 13-0157	SF	Simple Design Cabinets, Lead Abatement Encapsulation	5.66
02 83 19 13-0158	SF	Drywall Ceilings, Lead Abatement Encapsulation	1.86
02 83 19 13-0159	SF	Wood Ceilings, Lead Abatement Encapsulation	2.28
02 83 19 13-0160	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	2.11
02 83 19 13-0161	SF	Columns, Lead Abatement Encapsulation	3.69
02 83 19 13-0162	SF	Doors, Lead Abatement Encapsulation	8.22
02 83 19 13-0163	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	3.15
02 83 19 13-0164	SF	Picket Fence (Brush), Lead Abatement Encapsulation	2.15
02 83 19 13-0165	SF	Wood Floors (Roller), Lead Abatement Encapsulation	1.78
02 83 19 13-0166	SF	Grilles, Vents, Lead Abatement Encapsulation	5.17
02 83 19 13-0167	LF	Gutters And Downspouts, Lead Abatement Encapsulation	4.79
02 83 19 13-0168	EA	Hangers, Lead Abatement Encapsulation	41.63
02 83 19 13-0169	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	2.89
02 83 19 13-0170	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	4.11
02 83 19 13-0171	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	6.32
02 83 19 13-0172	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	9.33
02 83 19 13-0173	EA	Radiators, Lead Abatement Encapsulation	175.32
02 83 19 13-0174	EA	Up To 6' Shutters, Lead Abatement Encapsulation	151.70
02 83 19 13-0175	SF	Siding, Lead Abatement Encapsulation	2.59
02 83 19 13-0176	SF	Up To 12" Soffit, Lead Abatement Encapsulation	3.69
02 83 19 13-0177	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	3.03
02 83 19 13-0178	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	4.01
02 83 19 13-0179	SF	Trusses, Lead Abatement Encapsulation	4.01
02 83 19 13-0180	SF	Drywall Walls, Lead Abatement Encapsulation	1.66
02 83 19 13-0181	SF	Wood Walls, Lead Abatement Encapsulation	2.05
02 83 19 13-0182	EA	Window Without Grille, Lead Abatement Encapsulation	151.29
02 83 19 13-0183	EA	Window With Grille, Lead Abatement Encapsulation	177.71
02 83 19 13-0184	LF	Frames And Trim, Lead Abatement Encapsulation	2.76
02 83 19 13-0185	LF	Steel Lintels, Lead Abatement Encapsulation	3.17

02 83 33 Removal and Disposal of Material Containing Lead *(02 83)*

02 83 33 13 Lead-Based Paint Removal and Disposal *(02 83 33)*

02 83 33 13-0001 Remove Loose Dirt And Debris Containing Lead *(02 83 33 13)*

02 83 33 13-0002	SF	HEPA Vacuum And Wet Clean Lead Contaminated Area With Mild Detergent	0.24
02 83 33 13-0003	SF	HEPA Vacuum And Wet Clean Lead Contaminated Area With Tri-Sodium Phosphate	0.28
02 83 33 13-0004	SF	HEPA Vacuum And Shampoo Lead Contaminated Carpeting	1.12

02 84 Polychlorinated Biphenyl Remediation *(02 80)*

02 84 16 Handling Of Lighting Ballasts and Lamps Containing PBCs and Mercury *(02 84)*

02 84 16 00-0001 Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures *(02 84 16)*

Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.

02 84 16 00-0002	EA	Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling	8.00

02 84 16 00-0003 Recycle TSCA-Exempt PCB And Non-PCB Ballasts *(02 84 16)*

Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.

02 84 16 00-0004	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	1.00
02 84 16 00-0005	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	1.50
02 84 16 00-0006	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	4.67
02 84 16 00-0007	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	10.68

02 84 16 00-0008 Disposal Of Leaking PCB And Non-PCB Ballasts *(02 84 16)*

Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.

02 84 16 00-0009	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	2.50
02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	3.76
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	7.01
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	16.03

02 84 33 Removal and Disposal of Polychlorinated Biphenyls *(02 84)*

02 84 33 00-0001 Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers *(02 84 33)*

Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.

02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	1,979.96

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	3,076.70	
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non Polychlorinated Biphenyl (PCB)	931.20	
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	3,617.89	
02 84 33 00-0006	EA	Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB)	2,817.75	
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	5,651.73	

02 86 Hazardous Waste Drum Handling *(02 80)*

02 86 00 00-0001 Hazardous Waste Packaging *(02 86)*

02 86 00 00-0002 Overpacks *(02 86 00 00-0001)*

02 86 00 00-0003 Steel Salvage Drums, 16 Gauge *(02 86 00 00-0002)*

02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High	296.91	
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High	169.01	
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High	163.12	
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High	102.05	
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High	80.39	
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High	54.16	
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High	48.97	
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	43.15	

02 86 00 00-0012 Polyethylene Overpacks *(02 86 00 00-0002)*

02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	335.37	
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	61.98	
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	303.47	

02 86 00 00-0016 Composite Overpacks *(02 86 00 00-0002)*

02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	164.68	
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	225.99	
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	306.52	

02 86 00 00-0020 DOT E-9168 Exempt Packaging *(02 86 00 00-0002)*

02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	14.21	
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	14.99	
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	14.66	
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	7.26	
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	8.82	
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	6.32	
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	8.22	

02 86 00 00-0028 Steel Drums *(02 86 00 00-0001)*

02 86 00 00-0029 UN Rated Steel Drums *(02 86 00 00-0028)*

02 86 00 00-0030	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	105.79	
02 86 00 00-0031	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	99.99	
02 86 00 00-0032	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	81.08	
02 86 00 00-0033	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	63.89	
02 86 00 00-0034	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	74.07	
02 86 00 00-0035	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	62.96	
02 86 00 00-0036	EA	30 Gallon, 17E, Open, Steel Drum	45.67	
02 86 00 00-0037	EA	20 Gallon, 17C, Open, Steel Drum	64.19	
02 86 00 00-0038	EA	20 Gallon, 17E, Open, Steel Drum	43.21	
02 86 00 00-0039	EA	8 Gallon, 17C, Open, Steel Drum	55.29	
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,090.29	
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,069.87	
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	963.70	
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,029.04	
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	1,004.54	
02 86 00 00-0045	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	986.16	
02 86 00 00-0046	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	888.16	
02 86 00 00-0047	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	777.91	
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	759.53	
02 86 00 00-0049	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	745.24	
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	671.73	
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	632.94	
02 86 00 00-0052	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	608.44	
02 86 00 00-0053	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	581.90	
02 86 00 00-0054	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+)	561.48	
02 86 00 00-0055	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,063.75	
02 86 00 00-0056	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	1,043.33	
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	941.24	
02 86 00 00-0058	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	892.24	
02 86 00 00-0059	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	986.16	
02 86 00 00-0060	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	967.79	
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	871.83	
02 86 00 00-0062	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+)	826.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0063	EA	55 Gallon Reconditioned Steel 17h Drum (1-9)	79.34	
02 86 00 00-0064	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	70.32	
02 86 00 00-0065	EA	55 Gallon Reconditioned Steel 17h Drum (25-49)	61.30	
02 86 00 00-0066	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	54.09	

02 86 00 00-0067 Plastic Drums *(02 86 00 00-0001)*

02 86 00 00-0068 Polyethylene Closed Head Drums *(02 86 00 00-0067)*

Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.

02 86 00 00-0069	EA	55 Gallon Polyethylene Closed Head Drums	66.41	
02 86 00 00-0070	EA	35 Gallon Polyethylene Closed Head Drums	50.98	
02 86 00 00-0071	EA	30 Gallon Polyethylene Closed Head Drums	46.29	
02 86 00 00-0072	EA	20 Gallon Polyethylene Closed Head Drums	32.34	
02 86 00 00-0073	EA	15 Gallon Polyethylene Closed Head Drums	31.73	

02 86 00 00-0074 Polyethylene Open Head Drums *(02 86 00 00-0067)*

Note: Open head drums are primarily used for solids and sludge.

02 86 00 00-0075	EA	55 Gallon Polyethylene Open Head Drums	83.94	
02 86 00 00-0076	EA	35 Gallon Polyethylene Open Head Drums	61.72	
02 86 00 00-0077	EA	30 Gallon Polyethylene Open Head Drums	58.64	
02 86 00 00-0078	EA	20 Gallon Polyethylene Open Head Drums	43.21	
02 86 00 00-0079	EA	15 Gallon Polyethylene Open Head Drums	37.03	

02 86 00 00-0080 Fiber Drums *(02 86 00 00-0001)*

02 86 00 00-0081 Steel Top/Fiber Bottom Drums, Hazardous *(02 86 00 00-0080)*

Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.

02 86 00 00-0082	EA	30 Gallon Fiber Drum DOT-21C (1-9)	50.86	
02 86 00 00-0083	EA	30 Gallon Fiber Drum DOT-21C (10-24)	47.65	
02 86 00 00-0084	EA	30 Gallon Fiber Drum DOT-21C (25-49)	43.45	
02 86 00 00-0085	EA	30 Gallon Fiber Drum DOT-21C (50+)	42.96	
02 86 00 00-0086	EA	55 Gallon Fiber Drum DOT-21C (1-9)	52.34	
02 86 00 00-0087	EA	55 Gallon Fiber Drum DOT-21C (10-24)	49.38	
02 86 00 00-0088	EA	55 Gallon Fiber Drum DOT-21C (25-49)	45.67	
02 86 00 00-0089	EA	55 Gallon Fiber Drum DOT-21C (50-99)	44.19	
02 86 00 00-0090	EA	55 Gallon Fiber Drum DOT-21C (100+)	38.27	
02 86 00 00-0091	EA	10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	32.59	
02 86 00 00-0092	EA	20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	35.55	
02 86 00 00-0093	EA	20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	41.48	

02 86 00 00-0094 Loading Hazardous Waste For Shipment *(02 86 00 00-0001)*

02 86 00 00-0095	EA	Load Drums On Disposal Truck	8.86	
02 86 00 00-0096	EA	Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck	940.18	

02 86 00 00-0097 Transport Drums To Landfill *(02 86 00 00-0001)*

Note: Includes transportation for up to 25 miles.

02 86 00 00-0098	EA	Transport Drum To Landfill Note: Includes transportation for up to 25 miles.	56.51	

02 87 Bio-Hazard Material Remediation *(02 80)*

02 87 13 Mold Remediation *(02 87)*

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0035 for temporary stud walls, 01 74 19 00-0039 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0015 for decontamination chambers.

02 87 13 33 Removal and Disposal of Materials with Mold *(02 87 13)*

02 87 13 33-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal *(02 87 13 33)*

Note: Treat fittings as additional lf of insulation.

02 87 13 33-0002 Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0001)*

Note: Diameter is outer size of insulation.

02 87 13 33-0003 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*

Note: Excludes encased fittings.

02 87 13 33-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	532.44	
02 87 13 33-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	20.66	
02 87 13 33-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	15.58	
02 87 13 33-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	11.78	
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	8.92	
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	7.81	

02 87 13 33-0010 >6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0011	SET	Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	553.67	
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	24.77	
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	18.93	
02 87 13 33-0014	LF	>500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	14.55	
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	11.26	
02 87 13 33-0016	LF	>10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	9.98	
02 87 13 33-0017		Thermal Insulation, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0018		Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal *(02 87 13 33-0017)*		
02 87 13 33-0019	SET	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	543.06	
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	12.03	
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	9.11	
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	6.91	
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	5.38	
02 87 13 33-0024		Surfacing Material, Mold Abatement And Disposal *(02 87 13 33)* Note: e.g. fireproofing, acoustical plaster, etc.		
02 87 13 33-0025		Stucco, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal	537.16	
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal	11.92	
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	9.00	
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	6.80	
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	5.18	
02 87 13 33-0031		Acoustical Plaster, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET	Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal	537.16	
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal	11.92	
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal	9.00	
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	6.80	
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	5.18	
02 87 13 33-0037		Gypsum Board, Mold Abatement And Disposal *(02 87 13 33-0024)*		
02 87 13 33-0038	SET	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal	548.96	
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	4.02	
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	3.19	
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	2.54	
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	1.88	
02 87 13 33-0043		Fireproofing, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET	Up To 50 SF, Fireproofing, Mold Abatement And Disposal	543.06	
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal	16.44	
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	12.44	
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	9.42	
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	7.15	
02 87 13 33-0049		Flooring, Mold Abatement And Disposal *(02 87 13 33)* Note: Includes cove base.		
02 87 13 33-0050		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0051		Floor Tile Or Linoleum, Mold Abatement And Disposal *(02 87 13 33-0050)* Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	548.96	
02 87 13 33-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.99	
		For Each Additional Layer, Add	*1.00*	
02 87 13 33-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	2.26	
		For Each Additional Layer, Add	*0.57*	
02 87 13 33-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.34	
		For Each Additional Layer, Add	*0.34*	
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.05	
		For Each Additional Layer, Add	*0.26*	
02 87 13 33-0057		Carpet, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0058		Carpet, Glue Down, Mold Abatement And Disposal *(02 87 13 33-0057)*		
02 87 13 33-0059	SET	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	548.96	
02 87 13 33-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.33	
02 87 13 33-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.12	
02 87 13 33-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.43	
02 87 13 33-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.12	
02 87 13 33-0064		Carpet, Padded With Tack Strips, Mold Abatement And Disposal *(02 87 13 33-0057)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0065	SET	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	548.96	
02 87 13 33-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.74	
02 87 13 33-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	2.74	
02 87 13 33-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	2.18	
02 87 13 33-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	1.70	
02 87 13 33-0070		Subflooring, Mold Abatement And Disposal *(02 87 13 33-0049)*		
02 87 13 33-0071	SET	Up To 75 SF, Subflooring, Mold Abatement And Disposal	543.06	
02 87 13 33-0072	SF	>75 To 500 SF, Subflooring, Mold Abatement And Disposal	4.59	
02 87 13 33-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	2.96	
02 87 13 33-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	1.81	
02 87 13 33-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	1.17	
02 87 13 33-0076		Siding, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0077		Interior Paneling, Mold Abatement And Disposal *(02 87 13 33-0076)* Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0078	SET	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	548.96	
02 87 13 33-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.98	
02 87 13 33-0080	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.82	
02 87 13 33-0081	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1.67	
02 87 13 33-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1.29	
02 87 13 33-0083		Exterior Siding, Mold Abatement And Disposal *(02 87 13 33-0076)*		
02 87 13 33-0084	SET	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	548.96	
02 87 13 33-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	4.93	
02 87 13 33-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	3.44	
02 87 13 33-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	2.35	
02 87 13 33-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	2.12	
02 87 13 33-0089		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0090		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33-0089)*		
02 87 13 33-0091	SET	Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal	553.67	
02 87 13 33-0092	CF	>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	19.58	
02 87 13 33-0093	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	13.53	
02 87 13 33-0094	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	10.50	
02 87 13 33-0095	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	8.68	
02 87 13 33-0096	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	5.38	
02 87 13 33-0097	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	4.98	
02 87 13 33-0098		Other Mold Containing Materials, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0099		Wood Studs, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 87 13 33-0100	SET	Up To 100 LF, Wood Studs, Mold Abatement And Disposal	274.48	
02 87 13 33-0101	LF	>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	2.24	
02 87 13 33-0102	LF	>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	1.67	
02 87 13 33-0103	LF	>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	1.31	
02 87 13 33-0104	LF	>10,000 LF, Wood Studs, Mold Abatement And Disposal	1.00	
02 87 13 33-0105		Ceiling Tile, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106	SET	Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal	548.96	
02 87 13 33-0107	SF	>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	6.80	
02 87 13 33-0108	SF	>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	3.24	
02 87 13 33-0109	SF	>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	2.35	
02 87 13 33-0110	SF	>10,000 SF, Ceiling Tile, Mold Abatement And Disposal	2.12	
02 87 13 33-0111		Caulking, Mold Abatement And Disposal *(02 87 13 33-0098)*		
02 87 13 33-0112	SET	Up To 20 LF, Caulking, Mold Abatement And Disposal	131.74	
02 87 13 33-0113	LF	>20 To 50 LF, Caulking, Mold Abatement And Disposal	2.65	
02 87 13 33-0114	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	1.90	
02 87 13 33-0115	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	1.44	
02 87 13 33-0116	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.07	
02 87 13 33-0117	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	0.87	
02 87 13 33-0118	LF	>2,500 LF, Caulking, Mold Abatement And Disposal	0.75	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 87 13 33-0119 Wipe Down Walls, Ceilings And Floors *(02 87 13 33-0098)*

02 87 13 33-0120	CSF	Wipe Down Floors With Mild Bleach Solution	14.60
02 87 13 33-0121	CSF	Wipe Down Walls With Mild Bleach Solution	17.17
02 87 13 33-0122	CSF	Wipe Down Ceilings With Mild Bleach Solution	19.53
02 87 13 33-0123	CSF	Wipe Down Countertops With Mild Bleach Solution	15.92
02 87 13 33-0124	CSF	Wipe Down Other Surfaces With Mild Bleach Solution	20.21

02 87 13 33-0125 Cabinets *(02 87 13 33-0098)*

02 87 13 33-0126	SET	Up To 10 LF, Base Cabinet, Mold Abatement And Disposal	592.41
02 87 13 33-0127	LF	>10 To 20 LF, Base Cabinet, Mold Abatement And Disposal	62.41
02 87 13 33-0128	LF	>20 LF, Base Cabinet, Mold Abatement And Disposal	46.56
02 87 13 33-0129	SET	Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal	549.97
02 87 13 33-0130	LF	>10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal	51.82
02 87 13 33-0131	LF	>20 LF, Wall Cabinet, Mold Abatement And Disposal	35.96

02 87 16 Excrement Removal *(02 87)*

Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

02 87 16 13 Bird Excrement Removal *(02 87 16)*

02 87 16 13-0001 Bird Waste Removal *(02 87 16 13)*

Note: In addition to items listed the Bio-Hazard Material Remediation note above, tasks include wetting agents and disinfection of contaminated surfaces.

02 87 16 13-0002	EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness	525.37
		For Work In Restricted Working Space, Add	*157.61*
02 87 16 13-0003	SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness	8.76
		For Work In Restricted Working Space, Add	*2.63*
02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	7.96
		For Work In Restricted Working Space, Add	*2.39*
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	7.24
		For Work In Restricted Working Space, Add	*2.17*
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness	6.57
		For Work In Restricted Working Space, Add	*1.97*

02 89 Hazmat Ancillary Tasks And Support *(02 80)*

02 89 00 00-0001 Barriers And Protection *(02 89)*

Note: Includes removal and disposal after use.

02 89 00 00-0002 Isolation Barriers/Infectious Control *(02 89 00 00-0001)*

See CSI section 01 56 16 00-0035 for temporary stud walls.

02 89 00 00-0003 Cleaning Surfaces *(02 89 00 00-0001)*

Note: Other surfaces outside contamination area but not contaminated by, or part of removal.

02 89 00 00-0004	SF	Up To 100 SF, Clean Non-Asbestos Surface	1.29
02 89 00 00-0005	SF	>100 To 500 SF, Clean Non-Asbestos Surface	0.91
02 89 00 00-0006	SF	>500 To 1,000 SF, Clean Non-Asbestos Surface	0.59
02 89 00 00-0007	SF	>1,000 SF, Clean Non-Asbestos Surface	0.47

02 89 00 00-0008 Hazmat Containment Construction *(02 89 00 00-0001)*

02 89 00 00-0009	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.32
02 89 00 00-0010	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.41
02 89 00 00-0011	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.56
02 89 00 00-0012	SF	6 Mil Plastic Fire Retardant, Anti Static Sheeting, Applied To Floors, Hazmat Containment Construction	0.53
02 89 00 00-0013	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.68
02 89 00 00-0014	SF	6 Mil Plastic Fire Retardant, Anti Static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.90

02 89 00 00-0015 Decontamination Chambers *(02 89)*

Note: Includes removal after use.

02 89 00 00-0016	EA	Portable Personnel Decontamination Wash Facility (3 Stage) Note: Includes connection to negative air system.	668.57
		For Dismantling And Relocation To A Different Area, Add	*413.83*
02 89 00 00-0017	EA	Portable Personnel Decontamination Wash Facility (5 Stage) Note: Includes connection to negative air system.	790.13
		For Dismantling And Relocation To A Different Area, Add	*493.30*
02 89 00 00-0018	EA	Portable Waste Decontamination Unit Note: Includes connection to negative air system.	425.68
		For Dismantling And Relocation To A Different Area, Add	*298.32*

02 90 Disaster Recovery *(02)*

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

02 90 50 Cleaning And Emergency Clean-up *(02 90)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0001		**Non-Mold Contaminated Wet Material Removal** *(02 90 50)* Note: For materials that do not require mold abatement.		
02 90 50 00-0002	SY	Wet Broadloom Carpet Removal For Emergency Clean-up	7.92	
02 90 50 00-0003	SY	Wet Carpet Tile Removal For Emergency Clean-up	1.93	
02 90 50 00-0004	SF	Wet Batt Insulation Removal For Emergency Clean-up	0.16	
02 90 50 00-0005	SF	Wet Ceiling Tile Removal For Emergency Clean-up	0.19	
02 90 50 00-0006	SF	Single Layer, Wet Gypsum Board Removal For Emergency Clean-up	0.19	
02 90 50 00-0007	SF	Double Layer, Wet Gypsum Board Removal For Emergency Clean-up	0.29	
02 90 50 00-0008		**Cleaning** *(02 90 50)* Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required		
02 90 50 00-0009		**Clean Furnishings** *(02 90 50 00-0008)*		
02 90 50 00-0010	EA	Office Equipment, Exterior Wipe For Emergency Clean-up	26.79	
		For Medium Clean, Add	*11.25*	
		For Heavy Clean, Add	*34.83*	
02 90 50 00-0011	SF	Bookcase (Per SF Of Face Area), Light Clean For Emergency Clean-up	1.49	
		For Medium Clean, Add	*0.63*	
		For Heavy Clean, Add	*1.94*	
02 90 50 00-0012	LF	Shelving, Light Clean For Emergency Clean-up	2.68	
		For Medium Clean, Add	*1.13*	
		For Heavy Clean, Add	*3.48*	
02 90 50 00-0013	EA	Plastic Or Metal Chair, Light Clean For Emergency Clean-up	7.74	
		For Medium Clean, Add	*3.25*	
		For Heavy Clean, Add	*10.06*	
02 90 50 00-0014	EA	Upholstered Chair, Light Clean For Emergency Clean-up	25.01	
		For Medium Clean, Add	*10.50*	
		For Heavy Clean, Add	*32.51*	
02 90 50 00-0015	EA	Upholstered Sofa, Light Clean For Emergency Clean-up	154.24	
		For Medium Clean, Add	*64.78*	
		For Heavy Clean, Add	*200.51*	
02 90 50 00-0016	EA	Desk, Light Clean For Emergency Clean-up	31.56	
		For Medium Clean, Add	*13.26*	
		For Heavy Clean, Add	*41.03*	
02 90 50 00-0017	EA	Table, Light Clean For Emergency Clean-up	29.78	
		For Medium Clean, Add	*12.51*	
		For Heavy Clean, Add	*38.71*	
02 90 50 00-0018	EA	Two Drawer File Cabinet, Light Clean For Emergency Clean-up	6.53	
		For Medium Clean, Add	*2.74*	
		For Heavy Clean, Add	*8.49*	
02 90 50 00-0019	EA	Four Drawer File Cabinet, Light Clean For Emergency Clean-up	8.36	
		For Medium Clean, Add	*3.51*	
		For Heavy Clean, Add	*10.87*	
02 90 50 00-0020	LF	Base Cabinet, Exterior Wipe, Light Clean For Emergency Clean-up	6.85	
		For Medium Clean, Add	*2.88*	
		For Heavy Clean, Add	*8.91*	
02 90 50 00-0021	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean For Emergency Clean-up	13.40	
		For Medium Clean, Add	*5.63*	
		For Heavy Clean, Add	*17.42*	
02 90 50 00-0022	LF	Wall Cabinet, Exterior Wipe, Light Clean For Emergency Clean-up	6.85	
		For Medium Clean, Add	*2.88*	
		For Heavy Clean, Add	*8.91*	
02 90 50 00-0023	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean For Emergency Clean-up	11.92	
		For Medium Clean, Add	*5.01*	
		For Heavy Clean, Add	*15.50*	
02 90 50 00-0024	EA	Picture Frame, Glass And Back, Light Clean For Emergency Clean-up	2.86	
		For Medium Clean, Add	*1.20*	
		For Heavy Clean, Add	*3.72*	
02 90 50 00-0025		**Clean Hard Surfaces** *(02 90 50 00-0008)*		
02 90 50 00-0026	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean For Emergency Clean-up	0.39	
		For Medium Clean, Add	*0.16*	
		For Heavy Clean, Add	*0.51*	
02 90 50 00-0027	EA	Door And Hardware (Per Side), Light Clean For Emergency Clean-up	5.07	
		For Medium Clean, Add	*2.13*	
		For Heavy Clean, Add	*6.59*	
02 90 50 00-0028	EA	Detailed Door And Hardware (Per Side), Light Clean For Emergency Clean-up	5.75	
		For Medium Clean, Add	*2.42*	
		For Heavy Clean, Add	*7.48*	
02 90 50 00-0029	SF	Overhead Door, Light Clean For Emergency Clean-up	0.40	
		For Medium Clean, Add	*0.17*	
		For Heavy Clean, Add	*0.52*	
02 90 50 00-0030	SF	Mirror, Light Clean For Emergency Clean-up	0.30	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.39*	
02 90 50 00-0031	SF	Window, Light Clean For Emergency Clean-up	0.88	
		For Medium Clean, Add	*0.37*	
		For Heavy Clean, Add	*1.14*	
02 90 50 00-0032	LF	Handrail, Light Clean For Emergency Clean-up	0.78	
		For Medium Clean, Add	*0.33*	
		For Heavy Clean, Add	*1.01*	
02 90 50 00-0033	LF	Bumper Rail, Light Clean For Emergency Clean-up	0.41	
		For Medium Clean, Add	*0.17*	
		For Heavy Clean, Add	*0.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0034	SF	Hard Floor, Light Clean For Emergency Clean-up	0.35	
		For Medium Clean, Add	*0.15*	
		For Heavy Clean, Add	*0.46*	
02 90 50 00-0035	SF	Carpet, Light Clean For Emergency Clean-up	0.36	
		For Medium Clean, Add	*0.15*	
		For Heavy Clean, Add	*0.47*	
02 90 50 00-0036	SF	Hard Ceiling, Light Clean For Emergency Clean-up	0.28	
		For Medium Clean, Add	*0.12*	
		For Heavy Clean, Add	*0.36*	
02 90 50 00-0037	SF	Suspended Ceiling, Tile And Grid, Light Clean For Emergency Clean-up	0.30	
		For Medium Clean, Add	*0.13*	
		For Heavy Clean, Add	*0.39*	
02 90 50 00-0038	SF	Ceramic Tile Wall, Light Clean For Emergency Clean-up	0.25	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.33*	
02 90 50 00-0039	SF	Wall, Light Clean For Emergency Clean-up	0.18	
		For Medium Clean, Add	*0.08*	
		For Heavy Clean, Add	*0.23*	
02 90 50 00-0040	SF	Masonry Wall, Light Clean For Emergency Clean-up	0.25	
		For Medium Clean, Add	*0.11*	
		For Heavy Clean, Add	*0.33*	
02 90 50 00-0041	EA	Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up Note: Includes removal from site, cleaning, and return.	62.81	
		For Medium Clean, Add	*26.38*	
		For Heavy Clean, Add	*81.65*	
02 90 50 00-0042	EA	>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up Note: Includes removal from site, cleaning, and return.	78.50	
		For Medium Clean, Add	*32.97*	
		For Heavy Clean, Add	*102.05*	
02 90 50 00-0043	EA	>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up Note: Includes removal from site, cleaning, and return.	94.20	
		For Medium Clean, Add	*39.56*	
		For Heavy Clean, Add	*122.46*	
02 90 50 00-0044	EA	>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Emergency Clean-up	109.91	
		For Medium Clean, Add	*46.16*	
		For Heavy Clean, Add	*142.88*	

02 90 50 00-0045 Clean Window Treatments *(02 90 50 00-0008)*

02 90 50 00-0046	SF	Window Blind, Light Clean For Emergency Clean-up	0.68	
		For Medium Clean, Add	*0.29*	
		For Heavy Clean, Add	*0.88*	
02 90 50 00-0047	EA	Up To 6' Long Drapery (Per Pleat), Light Clean For Emergency Clean-up	1.39	
		For Medium Clean, Add	*0.58*	
		For Heavy Clean, Add	*1.81*	
02 90 50 00-0048	EA	Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Emergency Clean-up	1.60	
		For Medium Clean, Add	*0.67*	
		For Heavy Clean, Add	*2.08*	
02 90 50 00-0049	EA	>6' To 8' Drapery (Per Pleat), Light Clean For Emergency Clean-up	1.47	
		For Medium Clean, Add	*0.62*	
		For Heavy Clean, Add	*1.91*	
02 90 50 00-0050	EA	>6' To 8' Lined Drapery (Per Pleat), Light Clean For Emergency Clean-up	1.69	
		For Medium Clean, Add	*0.71*	
		For Heavy Clean, Add	*2.20*	
02 90 50 00-0051	EA	>8' To 10' Drapery (Per Pleat), Light Clean For Emergency Clean-up	1.79	
		For Medium Clean, Add	*0.75*	
		For Heavy Clean, Add	*2.33*	
02 90 50 00-0052	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean For Emergency Clean-up	2.07	
		For Medium Clean, Add	*0.87*	
		For Heavy Clean, Add	*2.69*	

02 90 50 00-0053 Clean Appliances *(02 90 50 00-0008)*

02 90 50 00-0054	EA	Microwave Oven, Outside, Light Clean For Emergency Clean-up	12.34	
		For Medium Clean, Add	*5.18*	
		For Heavy Clean, Add	*16.04*	
02 90 50 00-0055	EA	Refrigerator, Outside, Light Clean For Emergency Clean-up	29.07	
		For Medium Clean, Add	*12.21*	
		For Heavy Clean, Add	*37.79*	
02 90 50 00-0056	EA	Range, Outside, Light Clean For Emergency Clean-up	25.12	
		For Medium Clean, Add	*10.55*	
		For Heavy Clean, Add	*32.66*	

02 90 50 00-0057 Clean Plumbing *(02 90 50 00-0008)*

02 90 50 00-0058	EA	Water Heater, Light Clean For Emergency Clean-up	17.86	
		For Medium Clean, Add	*7.50*	
		For Heavy Clean, Add	*23.22*	
02 90 50 00-0059	EA	Plumbing Fixture, Light Clean For Emergency Clean-up	18.04	
		For Medium Clean, Add	*7.58*	
		For Heavy Clean, Add	*23.45*	
02 90 50 00-0060	EA	Restroom Accessory, Light Clean For Emergency Clean-up	8.27	
		For Medium Clean, Add	*3.47*	
		For Heavy Clean, Add	*10.75*	

02 90 50 00-0061 Clean HVAC *(02 90 50 00-0008)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0062	LF	Baseboard Heater, Light Clean For Emergency Clean-up	5.33	
		For Medium Clean, Add	*2.24*	
		For Heavy Clean, Add	*6.93*	
02 90 50 00-0063	LF	Ductwork, Exterior Wipe, Light Clean For Emergency Clean-up	14.89	
		For Medium Clean, Add	*6.25*	
		For Heavy Clean, Add	*19.36*	
02 90 50 00-0064	EA	Ductwork, Interior (Per Grille/Register), Light Clean For Emergency Clean-up	57.17	
		For Medium Clean, Add	*24.01*	
		For Heavy Clean, Add	*74.32*	
02 90 50 00-0065	EA	Grille/Register, Light Clean For Emergency Clean-up	5.36	
		For Medium Clean, Add	*2.25*	
		For Heavy Clean, Add	*6.97*	
02 90 50 00-0066	EA	Air Handling Unit, Exterior Wipe, Light Clean For Emergency Clean-up	37.13	
		For Medium Clean, Add	*15.59*	
		For Heavy Clean, Add	*48.27*	
02 90 50 00-0067	EA	Furnace, Exterior Wipe, Light Clean For Emergency Clean-up	33.05	
		For Medium Clean, Add	*13.88*	
		For Heavy Clean, Add	*42.97*	

02 90 50 00-0068 Clean Electrical *(02 90 50 00-0008)*

02 90 50 00-0069	EA	Electric Fan, Light Clean For Emergency Clean-up	22.04	
		For Medium Clean, Add	*9.26*	
		For Heavy Clean, Add	*28.65*	
02 90 50 00-0070	EA	Ceiling Fan, Light Clean For Emergency Clean-up	23.82	
		For Medium Clean, Add	*10.00*	
		For Heavy Clean, Add	*30.97*	
02 90 50 00-0071	EA	Ceiling Fan And Light, Light Clean For Emergency Clean-up	30.97	
		For Medium Clean, Add	*13.01*	
		For Heavy Clean, Add	*40.26*	
02 90 50 00-0072	EA	Ceiling Exhaust Fan, Light Clean For Emergency Clean-up	21.74	
		For Medium Clean, Add	*9.13*	
		For Heavy Clean, Add	*28.26*	
02 90 50 00-0073	EA	2' x 4' Light Fixture, Light Clean For Emergency Clean-up	14.29	
		For Medium Clean, Add	*6.00*	
		For Heavy Clean, Add	*18.58*	
02 90 50 00-0074	EA	Light Fixture, Light Clean For Emergency Clean-up	6.55	
		For Medium Clean, Add	*2.75*	
		For Heavy Clean, Add	*8.52*	
02 90 50 00-0075	EA	Smoke Detector, Light Clean For Emergency Clean-up	5.07	
		For Medium Clean, Add	*2.13*	
		For Heavy Clean, Add	*6.59*	
02 90 50 00-0076	EA	Thermostat, Light Clean For Emergency Clean-up	1.78	
		For Medium Clean, Add	*0.75*	
		For Heavy Clean, Add	*2.31*	

02 90 50 00-0077 Thermal Fog *(02 90 50 00-0008)*

02 90 50 00-0078	CF	Clean And Deodorize Building With Thermal Fog For Emergency Clean-up	0.02	

02 90 50 00-0079 Contents Manipulation *(02 90 50)*

02 90 50 00-0080	SF	Cover Contents With 6 Mil Plastic Sheeting For Emergency Clean-up	0.21	
02 90 50 00-0081	SF	Floor Protection - Adhesive Film For Emergency Clean-up	0.26	
02 90 50 00-0082	SF	Move Contents Out And Later Reset For Emergency Clean-up	0.47	
02 90 50 00-0083	MO	20' Long Job Site Storage Trailer For Emergency Clean-up	124.48	
02 90 50 00-0084	MO	40' Long Job Site Storage Trailer For Emergency Clean-up	165.08	
02 90 50 00-0085	EA	Delivery Or Pickup Job Site Storage Trailer For Emergency Clean-up	138.52	

02 90 50 00-0086 Water Emergency Clean-up *(02 90 50)*

02 90 50 00-0087	LF	Detach Baseboard For Emergency Clean-up	0.62	
02 90 50 00-0088	LF	Detach And Later Reset Baseboard For Emergency Clean-up	1.11	
02 90 50 00-0089	EA	Block And Pad Furniture (Per Piece Of Furniture) For Emergency Clean-up	4.06	
02 90 50 00-0090	SF	Water Extraction From Floor For Emergency Clean-up	0.42	
02 90 50 00-0091	SF	Gray Water Extraction From Floor For Emergency Clean-up	0.68	
02 90 50 00-0092	SF	Black Water Extraction From Floor For Emergency Clean-up	1.08	
02 90 50 00-0093	SF	Tear Out Wet Non Salvageable Carpet For Emergency Clean-up	0.34	
02 90 50 00-0094	SF	Tear Out Wet Non Salvageable Carpet, Black Water For Emergency Clean-up	0.40	
02 90 50 00-0095	SF	Tear Out Wet Non Salvageable Glue Down Carpet For Emergency Clean-up	0.60	
02 90 50 00-0096	SF	Tear Out Wet Non Salvageable Glue Down Carpet, Black Water For Emergency Clean-up	0.88	
02 90 50 00-0097	SF	Tear Out Vinyl Flooring For Emergency Clean-up	0.83	
02 90 50 00-0098	SF	Tear Out Vinyl Flooring, Black Water For Emergency Clean-up	1.22	
02 90 50 00-0099	SF	Tear Out Wood Flooring, Black Water For Emergency Clean-up	3.15	
02 90 50 00-0100	SF	Tear Out Laminated Wood Flooring For Emergency Clean-up	1.54	
02 90 50 00-0101	SF	Tear Out Laminated Wood Flooring, Black Water For Emergency Clean-up	2.27	
02 90 50 00-0102	SF	Tear Out Wet Ceiling Tile For Emergency Clean-up	0.26	
02 90 50 00-0103	SF	Tear Out Batt Insulation For Emergency Clean-up	0.26	
02 90 50 00-0104	SF	Tear Out Wet Gypsum Board For Emergency Clean-up	0.44	
02 90 50 00-0105	SF	Apply Antimicrobial Agent For Emergency Clean-up	0.24	
02 90 50 00-0106	SF	HEPA Vacuuming For Emergency Clean-up	0.33	

02 90 50 00-0107 Emergency Clean-up Labor *(02 90 50)*

Note: Used in the performance of time and material projects. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 50 00-0108	HR	Skilled Tradesman For Emergency Clean Up	60.00	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0109	HR	Restoration / Document Laborer For Emergency Clean Up	42.00	
02 90 50 00-0110	HR	Restoration / Document Supervisor For Emergency Clean Up	57.75	
02 90 50 00-0111	HR	Restoration / Document Project Manager For Emergency Clean Up	94.50	
02 90 50 00-0112	HR	Assistant Project Manager For Emergency Clean Up	78.75	
02 90 50 00-0113	HR	Senior Project Manager For Emergency Clean Up	110.25	
02 90 50 00-0114	HR	Project Director / Document Consultant / Account Manager For Emergency Clean Up	157.50	
02 90 50 00-0115	HR	Equipment Technician For Emergency Clean Up	115.50	
02 90 50 00-0116	HR	Mold Remediation Laborer For Emergency Clean Up	57.75	
02 90 50 00-0117	HR	Mold Remediation Supervisor For Emergency Clean Up	78.75	
02 90 50 00-0118	HR	Administrative Personnel For Emergency Clean Up	36.75	
02 90 50 00-0119	HR	Project Accountant For Emergency Clean Up	60.00	
02 90 50 00-0120	HR	Biohazard Technician For Emergency Clean Up	78.75	
02 90 50 00-0121	HR	Biohazard Supervisor For Emergency Clean Up	94.50	
02 90 50 00-0122	HR	Health And Safety Officer For Emergency Clean Up	90.00	
02 90 50 00-0123	HR	Resource And Logistics Coordinator For Emergency Clean Up	65.00	
02 90 50 00-0124	HR	Loss Control Specialist For Emergency Clean Up	63.00	
02 90 50 00-0125	HR	Moisture Control Specialist For Emergency Clean Up	42.00	
02 90 50 00-0126	HR	Mobilzation Support For Emergency Clean Up	32.00	

02 90 50 00-0127 Emergency Clean-up Equipment *(02 90 50)*

Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 50 00-0128 General Emergency Clean-up Equipment *(02 90 50 00-0127)*

02 90 50 00-0129	DAY	Air Compressor Rental For Emergency Clean-up	50.65	
02 90 50 00-0130	DAY	13" Floor Buffer Rental For Emergency Clean-up	33.77	
02 90 50 00-0131	WK	13" Floor Buffer Rental For Emergency Clean-up	94.83	
02 90 50 00-0132	MO	13" Floor Buffer Rental For Emergency Clean-up	261.78	
02 90 50 00-0133	DAY	17" Floor Buffer Rental For Emergency Clean-up	65.44	
02 90 50 00-0134	WK	17" Floor Buffer Rental For Emergency Clean-up	166.95	
02 90 50 00-0135	MO	17" Floor Buffer Rental For Emergency Clean-up	394.00	
02 90 50 00-0136	DAY	Walk Behind Floor Scrubber Rental For Emergency Clean-up	360.61	
02 90 50 00-0137	WK	Walk Behind Floor Scrubber Rental For Emergency Clean-up	968.31	
02 90 50 00-0138	MO	Walk Behind Floor Scrubber Rental For Emergency Clean-up	2,697.91	
02 90 50 00-0139	DAY	Ride-On Floor Scrubber Rental For Emergency Clean-up	814.72	
02 90 50 00-0140	WK	Ride-On Floor Scrubber Rental For Emergency Clean-up	2,150.32	
02 90 50 00-0141	MO	Ride-On Floor Scrubber Rental For Emergency Clean-up	5,796.50	
02 90 50 00-0142	DAY	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	58.77	
02 90 50 00-0143	WK	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	166.95	
02 90 50 00-0144	MO	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	574.31	
02 90 50 00-0145	DAY	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	54.76	
02 90 50 00-0146	WK	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	146.92	
02 90 50 00-0147	MO	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	380.65	
02 90 50 00-0148	DAY	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	87.62	
02 90 50 00-0149	WK	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	250.02	
02 90 50 00-0150	MO	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	698.79	
02 90 50 00-0151	DAY	Truck Mounted Extractor Rental For Emergency Clean-up	550.04	
02 90 50 00-0152	WK	Truck Mounted Extractor Rental For Emergency Clean-up	1,650.13	
02 90 50 00-0153	MO	Truck Mounted Extractor Rental For Emergency Clean-up	4,950.40	
02 90 50 00-0154	DAY	16" Chain Saw Rental For Emergency Clean-up	64.11	
02 90 50 00-0155	WK	16" Chain Saw Rental For Emergency Clean-up	144.24	
02 90 50 00-0156	MO	16" Chain Saw Rental For Emergency Clean-up	384.65	
02 90 50 00-0157	DAY	20" Chain Saw Rental For Emergency Clean-up	80.14	
02 90 50 00-0158	WK	20" Chain Saw Rental For Emergency Clean-up	180.31	
02 90 50 00-0159	MO	20" Chain Saw Rental For Emergency Clean-up	480.82	
02 90 50 00-0160	EA	Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up	60.10	
02 90 50 00-0161	DAY	14" Electric Cut Off Saw Rental For Emergency Clean-up	85.48	
02 90 50 00-0162	WK	14" Electric Cut Off Saw Rental For Emergency Clean-up	233.73	
02 90 50 00-0163	MO	14" Electric Cut Off Saw Rental For Emergency Clean-up	654.44	
02 90 50 00-0164	DAY	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	104.18	
02 90 50 00-0165	WK	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	353.93	
02 90 50 00-0166	MO	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	674.48	
02 90 50 00-0167	DAY	Wet Or Dry Portable Cleaning Unit Rental For Emergency Clean-up	95.68	
02 90 50 00-0168	DAY	Extension Cords - 220 Volt For Emergency Clean-up	33.39	
02 90 50 00-0169	DAY	Extension Cords - 220 Volt Converter Box For Emergency Clean-up	20.03	
02 90 50 00-0170	DAY	Demolition Cart, 7 Yard For Emergency Clean-up	50.65	
02 90 50 00-0171	EA	Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up	100.17	
02 90 50 00-0172	DAY	Dry-Ice Blasting System For Emergency Clean-up	1,081.75	
02 90 50 00-0173	DAY	Fogger - Mist For Emergency Clean-up	28.14	
02 90 50 00-0174	DAY	Fogger - Electric Thermal For Emergency Clean-up	40.52	
02 90 50 00-0175	DAY	Fogger - Gas Power Thermal For Emergency Clean-up	108.85	
02 90 50 00-0176	EA	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	134.00	
02 90 50 00-0177	DAY	Hand Trucks/Dollies For Emergency Clean-up	16.03	
02 90 50 00-0178	DAY	Heat Gun - Shrink Wrap For Emergency Clean-up	83.34	
02 90 50 00-0179	DAY	HEPA Negative Air Machine For Emergency Clean-up Note: Includes all filters.	117.92	
02 90 50 00-0180	DAY	Ladder For Emergency Clean-up	22.71	
02 90 50 00-0181	DAY	Lights - Demo, Drop, Stand, String For Emergency Clean-up	20.26	
02 90 50 00-0182	DAY	Lights - Wobble For Emergency Clean-up	24.76	
02 90 50 00-0183	DAY	Moisture Meter For Emergency Clean-up	33.77	
02 90 50 00-0184	DAY	Nail Gun For Emergency Clean-up	60.10	
02 90 50 00-0185	DAY	Ozone Generator For Emergency Clean-up	140.70	
02 90 50 00-0186	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up	80.14	
02 90 50 00-0187	DAY	Portable Generator, Up To 7,500 Watts For Emergency Clean-up	112.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0188	DAY	Pressure Washer, Hot For Emergency Clean-up	168.84	
02 90 50 00-0189	DAY	Pressure Washer, Cold For Emergency Clean-up	112.56	
02 90 50 00-0190	DAY	Scaffolding - Per Section For Emergency Clean-up	86.81	
02 90 50 00-0191	DAY	Small Tools - Tool Box For Emergency Clean-up	33.39	
02 90 50 00-0192	DAY	Soda Blasting Equipment For Emergency Clean-up	1,073.42	
02 90 50 00-0193	DAY	Sprayer - Hudson For Emergency Clean-up	10.68	
02 90 50 00-0194	DAY	Sprayer - Industrial Airless For Emergency Clean-up	90.56	
02 90 50 00-0195	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up	2.59	
02 90 50 00-0196	DAY	Submersible Pump For Emergency Clean-up	28.14	
02 90 50 00-0197	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up	154.46	
02 90 50 00-0198	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up	76.67	
02 90 50 00-0199	DAY	Vehicle, Van For Emergency Clean-up	125.01	
02 90 50 00-0200	DAY	Vehicle, 16' Or 24' Box Truck (Inclusive Of Mileage) For Emergency Clean-up	151.17	
02 90 50 00-0201	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up	166.12	
02 90 50 00-0202	DAY	Trailer - Utility (Inclusive Of Mileage) For Emergency Clean-up	138.34	
02 90 50 00-0203	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up	623.94	
02 90 50 00-0204	DAY	Vacuum - HEPA Backpack For Emergency Clean-up	28.14	
02 90 50 00-0205	DAY	Vacuum - Shop Vacuum For Emergency Clean-up	28.14	
02 90 50 00-0206	DAY	Vacuum - Commercial For Emergency Clean-up	84.42	
02 90 50 00-0207	DAY	12 Gallon, Vacuum - HEPA Industrial For Emergency Clean-up	95.68	
02 90 50 00-0208	DAY	Vacuum - Upright For Emergency Clean-up	18.33	
02 90 50 00-0209	DAY	Zip Walls (Per 2 Poles) For Emergency Clean-up	28.14	
02 90 50 00-0210	DAY	2 Way Radio For Emergency Clean-up	22.51	

02 90 50 00-0211 Technical/Electronics Restoration Equipment *(02 90 50 00-0127)*

02 90 50 00-0212	DAY	Computer - Diagnostic For Emergency Clean-up	33.39	
02 90 50 00-0213	WK	Computer - Diagnostic For Emergency Clean-up	91.82	
02 90 50 00-0214	MO	Computer - Diagnostic For Emergency Clean-up	250.42	
02 90 50 00-0215	DAY	Convection Oven - Large For Emergency Clean-up	485.04	
02 90 50 00-0216	WK	Convection Oven - Large For Emergency Clean-up	1,333.86	
02 90 50 00-0217	MO	Convection Oven - Large For Emergency Clean-up	3,637.79	
02 90 50 00-0218	DAY	Convection Oven - Small For Emergency Clean-up	120.20	
02 90 50 00-0219	WK	Convection Oven - Small For Emergency Clean-up	330.56	
02 90 50 00-0220	MO	Convection Oven - Small For Emergency Clean-up	901.53	
02 90 50 00-0221	DAY	Convection Oven - Vacuum For Emergency Clean-up	692.28	
02 90 50 00-0222	WK	Convection Oven - Vacuum For Emergency Clean-up	1,903.76	
02 90 50 00-0223	MO	Convection Oven - Vacuum For Emergency Clean-up	5,192.08	
02 90 50 00-0224	DAY	Decontamination Booth For Emergency Clean-up	572.27	
02 90 50 00-0225	WK	Decontamination Booth For Emergency Clean-up	1,573.74	
02 90 50 00-0226	MO	Decontamination Booth For Emergency Clean-up	4,292.01	
02 90 50 00-0227	DAY	DI Water System For Emergency Clean-up	44.45	
02 90 50 00-0228	WK	DI Water System For Emergency Clean-up	122.23	
02 90 50 00-0229	MO	DI Water System For Emergency Clean-up	333.36	
02 90 50 00-0230	DAY	ESD Bench Workstation For Emergency Clean-up	27.22	
02 90 50 00-0231	WK	ESD Bench Workstation For Emergency Clean-up	74.87	
02 90 50 00-0232	MO	ESD Bench Workstation For Emergency Clean-up	204.18	
02 90 50 00-0233	DAY	Heater/Enclosure Control System For Emergency Clean-up	20.03	
02 90 50 00-0234	WK	Heater/Enclosure Control System For Emergency Clean-up	55.09	
02 90 50 00-0235	MO	Heater/Enclosure Control System For Emergency Clean-up	150.26	
02 90 50 00-0236	DAY	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	70.01	
02 90 50 00-0237	WK	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	192.52	
02 90 50 00-0238	MO	Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	525.04	
02 90 50 00-0239	DAY	Micro-Blaster/Dust Collector For Emergency Clean-up	300.51	
02 90 50 00-0240	WK	Micro-Blaster/Dust Collector For Emergency Clean-up	826.40	
02 90 50 00-0241	MO	Micro-Blaster/Dust Collector For Emergency Clean-up	2,253.82	
02 90 50 00-0242	DAY	Mobile Laboratory For Emergency Clean-up	834.75	
02 90 50 00-0243	WK	Mobile Laboratory For Emergency Clean-up	2,295.56	
02 90 50 00-0244	MO	Mobile Laboratory For Emergency Clean-up	6,260.62	
02 90 50 00-0245	DAY	Nitrogen Enclosure Cabinet For Emergency Clean-up	16.03	
02 90 50 00-0246	WK	Nitrogen Enclosure Cabinet For Emergency Clean-up	44.07	
02 90 50 00-0247	MO	Nitrogen Enclosure Cabinet For Emergency Clean-up	120.20	
02 90 50 00-0248	DAY	Odell Cleaning Station For Emergency Clean-up	467.46	
02 90 50 00-0249	WK	Odell Cleaning Station For Emergency Clean-up	1,285.52	
02 90 50 00-0250	MO	Odell Cleaning Station For Emergency Clean-up	3,505.95	
02 90 50 00-0251	DAY	Parts Washer For Emergency Clean-up	33.39	
02 90 50 00-0252	WK	Parts Washer For Emergency Clean-up	91.82	
02 90 50 00-0253	MO	Parts Washer For Emergency Clean-up	250.42	
02 90 50 00-0254	DAY	Ultrasonic Cleaning System For Emergency Clean-up	208.35	
02 90 50 00-0255	WK	Ultrasonic Cleaning System For Emergency Clean-up	572.96	
02 90 50 00-0256	MO	Ultrasonic Cleaning System For Emergency Clean-up	1,562.62	
02 90 50 00-0257	DAY	Vacuum - HEPA Technical For Emergency Clean-up	111.12	
02 90 50 00-0258	WK	Vacuum - HEPA Technical For Emergency Clean-up	305.58	
02 90 50 00-0259	MO	Vacuum - HEPA Technical For Emergency Clean-up	833.40	

02 90 50 00-0260 Drying/Dehumidification Equipment *(02 90 50 00-0127)*

02 90 50 00-0261	DAY	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	140.70	
02 90 50 00-0262	WK	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	386.92	
02 90 50 00-0263	MO	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	1,055.25	
02 90 50 00-0264	DAY	2,200 CFM Centrifugal Air Mover	32.83	
02 90 50 00-0265	WK	2,200 CFM Centrifugal Air Mover	90.27	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0266	MO	2,200 CFM Centrifugal Air Mover	246.20	
02 90 50 00-0267	DAY	3,000 CFM Axial Air Mover For Emergency Clean-up	54.71	
02 90 50 00-0268	WK	3,000 CFM Axial Air Mover For Emergency Clean-up	150.45	
02 90 50 00-0269	MO	3,000 CFM Axial Air Mover For Emergency Clean-up	410.33	
02 90 50 00-0270	DAY	Injectidry System For Emergency Clean-up	174.47	
02 90 50 00-0271	WK	Injectidry System For Emergency Clean-up	479.79	
02 90 50 00-0272	MO	Injectidry System For Emergency Clean-up	1,308.51	
02 90 50 00-0273	DAY	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	112.56	
02 90 50 00-0274	WK	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	309.54	
02 90 50 00-0275	MO	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	844.20	
02 90 50 00-0276	DAY	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	166.95	
02 90 50 00-0277	WK	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	459.11	
02 90 50 00-0278	MO	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,252.12	
02 90 50 00-0279	DAY	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	155.44	
02 90 50 00-0280	WK	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	427.46	
02 90 50 00-0281	MO	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,165.80	
02 90 50 00-0282	DAY	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	166.16	
02 90 50 00-0283	WK	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	456.94	
02 90 50 00-0284	MO	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	1,246.20	
02 90 50 00-0285	DAY	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	166.16	
02 90 50 00-0286	WK	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	456.94	
02 90 50 00-0287	MO	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	1,246.20	
02 90 50 00-0288	DAY	D-500 Desiccant Dehumidifier For Emergency Clean-up	187.60	
02 90 50 00-0289	WK	D-500 Desiccant Dehumidifier For Emergency Clean-up	515.90	
02 90 50 00-0290	MO	D-500 Desiccant Dehumidifier For Emergency Clean-up	1,407.00	
02 90 50 00-0291	DAY	D-750 Desiccant Dehumidifier For Emergency Clean-up	393.96	
02 90 50 00-0292	WK	D-750 Desiccant Dehumidifier For Emergency Clean-up	1,083.39	
02 90 50 00-0293	MO	D-750 Desiccant Dehumidifier For Emergency Clean-up	2,954.70	
02 90 50 00-0294	DAY	D-1000 Desiccant Dehumidifier For Emergency Clean-up	675.36	
02 90 50 00-0295	WK	D-1000 Desiccant Dehumidifier For Emergency Clean-up	1,857.24	
02 90 50 00-0296	MO	D-1000 Desiccant Dehumidifier For Emergency Clean-up	5,065.20	
02 90 50 00-0297	DAY	D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,039.84	
02 90 50 00-0298	WK	D-1500 Desiccant Dehumidifier For Emergency Clean-up	2,859.56	
02 90 50 00-0299	MO	D-1500 Desiccant Dehumidifier For Emergency Clean-up	7,798.80	
02 90 50 00-0300	DAY	D-2000 Desiccant Dehumidifier For Emergency Clean-up	1,039.84	
02 90 50 00-0301	WK	D-2000 Desiccant Dehumidifier For Emergency Clean-up	2,859.56	
02 90 50 00-0302	MO	D-2000 Desiccant Dehumidifier For Emergency Clean-up	7,798.80	
02 90 50 00-0303	DAY	D-2250 Desiccant Dehumidifier For Emergency Clean-up	1,085.94	
02 90 50 00-0304	WK	D-2250 Desiccant Dehumidifier For Emergency Clean-up	2,986.32	
02 90 50 00-0305	MO	D-2250 Desiccant Dehumidifier For Emergency Clean-up	8,144.52	
02 90 50 00-0306	DAY	D-3000 Desiccant Dehumidifier For Emergency Clean-up	1,350.72	
02 90 50 00-0307	WK	D-3000 Desiccant Dehumidifier For Emergency Clean-up	3,714.48	
02 90 50 00-0308	MO	D-3000 Desiccant Dehumidifier For Emergency Clean-up	10,130.40	
02 90 50 00-0309	DAY	D-4500 Desiccant Dehumidifier For Emergency Clean-up	1,519.56	
02 90 50 00-0310	WK	D-4500 Desiccant Dehumidifier For Emergency Clean-up	4,178.79	
02 90 50 00-0311	MO	D-4500 Desiccant Dehumidifier For Emergency Clean-up	11,396.70	
02 90 50 00-0312	DAY	D-5000 Desiccant Dehumidifier For Emergency Clean-up	1,632.12	
02 90 50 00-0313	WK	D-5000 Desiccant Dehumidifier For Emergency Clean-up	4,488.33	
02 90 50 00-0314	MO	D-5000 Desiccant Dehumidifier For Emergency Clean-up	12,240.90	
02 90 50 00-0315	DAY	D-9000 Desiccant Dehumidifier For Emergency Clean-up	2,144.00	
02 90 50 00-0316	WK	D-9000 Desiccant Dehumidifier For Emergency Clean-up	5,896.00	
02 90 50 00-0317	MO	D-9000 Desiccant Dehumidifier For Emergency Clean-up	16,080.00	
02 90 50 00-0318	DAY	D-10500 Desiccant Dehumidifier For Emergency Clean-up	2,251.20	
02 90 50 00-0319	WK	D-10500 Desiccant Dehumidifier For Emergency Clean-up	6,190.80	
02 90 50 00-0320	MO	D-10500 Desiccant Dehumidifier For Emergency Clean-up	16,884.00	
02 90 50 00-0321	DAY	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	365.82	
02 90 50 00-0322	WK	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,006.00	
02 90 50 00-0323	MO	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,743.65	
02 90 50 00-0324	DAY	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	506.52	
02 90 50 00-0325	WK	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,392.93	
02 90 50 00-0326	MO	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	3,798.90	
02 90 50 00-0327	DAY	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	675.36	
02 90 50 00-0328	WK	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,857.24	
02 90 50 00-0329	MO	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	5,065.20	
02 90 50 00-0330	DAY	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	900.48	
02 90 50 00-0331	WK	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,476.32	
02 90 50 00-0332	MO	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,753.60	
02 90 50 00-0333	DAY	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,519.56	
02 90 50 00-0334	WK	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	4,178.79	
02 90 50 00-0335	MO	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	11,396.70	
02 90 50 00-0336	DAY	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,688.40	
02 90 50 00-0337	WK	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	4,643.10	
02 90 50 00-0338	MO	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	12,663.00	
02 90 50 00-0339	DAY	25' Flex Duct For Emergency Clean-up	22.51	
02 90 50 00-0340	WK	25' Flex Duct For Emergency Clean-up	61.91	
02 90 50 00-0341	MO	25' Flex Duct For Emergency Clean-up	168.84	
02 90 50 00-0342	DAY	Hygrothermograph For Emergency Clean-up	33.39	
02 90 50 00-0343	WK	Hygrothermograph For Emergency Clean-up	91.82	
02 90 50 00-0344	MO	Hygrothermograph For Emergency Clean-up	250.42	
02 90 50 00-0345	DAY	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	5,291.08	
02 90 50 00-0346	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	14,550.47	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0347	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.	39,683.11	

02 90 50 00-0348 Power Equipment *(02 90 50 00-0127)*

02 90 50 00-0349	WK	Up to 65 KVA Generator For Emergency Clean-up	696.80	
02 90 50 00-0350	WK	>65 to 125 KVA Generator For Emergency Clean-up	1,179.20	
02 90 50 00-0351	WK	>125 to 250 KVA Generator For Emergency Clean-up	1,148.92	
02 90 50 00-0352	WK	>250 to 375 KVA Generator For Emergency Clean-up	1,983.20	
02 90 50 00-0353	WK	>375 Up to 440 KVA Generator For Emergency Clean-up	2,680.00	
02 90 50 00-0354	WK	>440 to 625 KVA Generator For Emergency Clean-up	4,031.30	
02 90 50 00-0355	WK	>625 to 800 KVA Generator For Emergency Clean-up	4,127.20	
02 90 50 00-0356	WK	>800 to 1,000 KVA Generator For Emergency Clean-up	5,520.80	
02 90 50 00-0357	WK	>1,000 to 1,500 KVA Generator For Emergency Clean-up	8,308.00	
02 90 50 00-0358	EA	Generator Cable/Pigtails (Per Section) For Emergency Clean-up	18.01	
02 90 50 00-0359	EA	Sub-Distribution Panel (Spider Box) For Emergency Clean-up	86.30	
02 90 50 00-0360	EA	Electrical Distribution Panel For Emergency Clean-up	208.35	
02 90 50 00-0361	EA	Quad Box Strings (25' Sections) For Emergency Clean-up	32.43	
02 90 50 00-0362	EA	50' Power Cord For Spider Box For Emergency Clean-up	30.02	
02 90 50 00-0363	EA	Pig Tails (Per Each) For Emergency Clean-up	3.34	

02 90 50 00-0364 Freight Charges *(02 90 50 00-0127)*

02 90 50 00-0365	MI	Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment	1.67	
02 90 50 00-0366	MI	Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment	3.01	
02 90 50 00-0367	MI	Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment	3.01	
02 90 50 00-0368	MI	Freight Tractor Trailer For Emergency Clean-up Equipment	4.34	

02 90 50 00-0369 Emergency Clean-up Personal Protection Equipment *(02 90 50)*

Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 50 00-0370	EA	Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment	9.32	
02 90 50 00-0371	EA	Cartridge - Respirator For Emergency Clean-up Personal Protection Equipment	32.55	
02 90 50 00-0372	BOX	Dust Mask For Emergency Clean-up Personal Protection Equipment	36.29	
02 90 50 00-0373	PR	Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment	2.50	
02 90 50 00-0374	BOX	5 Mil, Disposable Latex Gloves For Emergency Clean-up Personal Protection Equipment	16.88	
02 90 50 00-0375	PR	Gloves - Leather For Emergency Clean-up Personal Protection Equipment	8.45	
02 90 50 00-0376	EA	Gloves - Rubber (Heavy Duty) For Emergency Clean-up Personal Protection Equipment	14.42	
02 90 50 00-0377	PR	Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	9.88	
02 90 50 00-0378	EA	Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment	82.85	
02 90 50 00-0379	PR	Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment	4.33	
02 90 50 00-0380	EA	Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment	5.63	

02 90 50 00-0381 Emergency Clean-up Expendables *(02 90 50)*

Note: Used in the performance of time and material projects. Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 50 00-0382 General Materials *(02 90 50 00-0381)*

02 90 50 00-0383	GAL	Adhesive Remover For Emergency Clean-up	84.42	
02 90 50 00-0384	GAL	Bio-HS For Emergency Clean-up	28.46	
02 90 50 00-0385	GAL	Biocide For Emergency Clean-up	36.32	
02 90 50 00-0386	EA	10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up	4.45	
02 90 50 00-0387	EA	10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up	6.75	
02 90 50 00-0388	GAL	Bleach For Emergency Clean-up	9.08	
02 90 50 00-0389	EA	Small Stainless Brush For Emergency Clean-up	5.56	
02 90 50 00-0390	EA	2-1/2 Gallon Buckets For Emergency Clean-up	7.05	
02 90 50 00-0391	EA	5 Gallon Bucket For Emergency Clean-up	10.68	
02 90 50 00-0392	GAL	Carpet Defoamer For Emergency Clean-up	27.49	
02 90 50 00-0393	GAL	Carpet Pre-treat For Emergency Clean-up	20.56	
02 90 50 00-0394	GAL	Carpet Spotter For Emergency Clean-up	34.45	
02 90 50 00-0395	GAL	Carpet/Upholstery Cleaner For Emergency Clean-up	27.78	
02 90 50 00-0396	ROL	Carpet Masking/Shield For Emergency Clean-up	77.06	
02 90 50 00-0397	EA	Chem Sponge For Emergency Clean-up	3.32	
02 90 50 00-0398	GAL	Clear Seal For Emergency Clean-up	113.50	
02 90 50 00-0399	GAL	Coil Cleaner For Emergency Clean-up	53.06	
02 90 50 00-0400	EA	Comfort Masks, Per Box 50 For Emergency Clean-up	38.99	
02 90 50 00-0401	EA	Coverall - Bio-Hazard For Emergency Clean-up	17.24	
02 90 50 00-0402	EA	Decontamination Chamber For Emergency Clean-up	230.75	
02 90 50 00-0403	GAL	Degreaser, All Purpose For Emergency Clean-up	37.14	
02 90 50 00-0404	GAL	De-Foamer Liquid For Emergency Clean-up	48.82	
02 90 50 00-0405	EA	Deodorization Membrane For Emergency Clean-up	95.71	
02 90 50 00-0406	GAL	Deodorizer, 9D9 For Emergency Clean-up	145.93	
02 90 50 00-0407	LB	Deodorizing Gel For Emergency Clean-up	34.28	
02 90 50 00-0408	GAL	Deodorizing Liquid For Emergency Clean-up	50.75	
02 90 50 00-0409	PAIL	Deodorizing Block For Emergency Clean-up	8.62	
02 90 50 00-0410	GAL	Disinfectant/Antimicrobial For Emergency Clean-up	88.95	
02 90 50 00-0411	GAL	Disinfectant, BruClean For Emergency Clean-up	27.01	
02 90 50 00-0412	GAL	Dryclean For Emergency Clean-up	39.88	
02 90 50 00-0413	GAL	Duct Sealant Spray For Emergency Clean-up	60.10	
02 90 50 00-0414	GAL	Duct Sealant, Antifungal For Emergency Clean-up	86.81	
02 90 50 00-0415	GAL	Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up	131.60	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0416	PR	Ear Plugs For Emergency Clean-up Personal Protection Equipment	0.54	
02 90 50 00-0417	GAL	Encapsulant For Emergency Clean-up	91.12	
02 90 50 00-0418	GAL	Fiberlocke - Aftershock For Emergency Clean-up	80.01	
02 90 50 00-0419	GAL	Fiberlocke - IAQ 2500 For Emergency Clean-up	103.08	
02 90 50 00-0420	GAL	Fiberlocke - IAS 6000 For Emergency Clean-up	106.02	
02 90 50 00-0421	ROL	Filter Material For Emergency Clean-up	206.95	
02 90 50 00-0422	EA	Filter, Blue Paper Collection Bag For Emergency Clean-up	5.57	
02 90 50 00-0423	EA	Filter, CVAC For HEPA Vacuum For Emergency Clean-up	442.63	
02 90 50 00-0424	EA	Filter, Pre-Filter For Negative Air Machine For Emergency Clean-up	2.12	
02 90 50 00-0425	EA	Filter, Pleated For Negative Air Machine For Emergency Clean-up	9.46	
02 90 50 00-0426	EA	Filter, Charcoal For Negative Air Machine For Emergency Clean-up	33.66	
02 90 50 00-0427	EA	Filter, HEPA For Negative Air Machine For Emergency Clean-up	320.14	
02 90 50 00-0428	EA	Filter, Pleated For Dehumidifiers For Emergency Clean-up	8.45	
02 90 50 00-0429	GAL	Floor Stripper For Emergency Clean-up	18.70	
02 90 50 00-0430	GAL	Floor Wax For Emergency Clean-up	26.71	
02 90 50 00-0431	GAL	Fogger (Thermal) For Emergency Clean-up	154.78	
02 90 50 00-0432	BOX	Furniture Blocks For Emergency Clean-up	124.66	
02 90 50 00-0433	EA	Furniture Polish, Per Can For Emergency Clean-up	16.80	
02 90 50 00-0434	GAL	Glass Cleaner For Emergency Clean-up	11.20	
02 90 50 00-0435	PR	Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	16.30	
02 90 50 00-0436	EA	Goof Off Spray, 12 Oz For Emergency Clean-up	13.40	
02 90 50 00-0437	EA	Halogen Light Bulbs For Emergency Clean-up	19.07	
02 90 50 00-0438	QT	Hand Sanitizer For Emergency Clean-up	9.43	
02 90 50 00-0439	EA	Hard Hats For Emergency Clean-up Personal Protection Equipment	7.76	
02 90 50 00-0440	BOX	Hog Rings, Box Of 2,500 For Emergency Clean-up	16.33	
02 90 50 00-0441	GAL	HVAC Coal Cleaner For Emergency Clean-up	53.06	
02 90 50 00-0442	BOX	Inventory Tag, Box Of 1,000 For Emergency Clean-up	114.84	
02 90 50 00-0443	EA	Knives - Utility For Emergency Clean-up	14.69	
02 90 50 00-0444	ROL	Lay Flat Tubing, 13" (250' Roll) For Emergency Clean-up	98.52	
02 90 50 00-0445	ROL	Lay Flat Tubing, 20" (250' Roll) For Emergency Clean-up	104.01	
02 90 50 00-0446	ROL	Lay Flat Tubing, 29" (250' Roll) For Emergency Clean-up	207.08	
02 90 50 00-0447	ROL	Lay Flat Tubing, 39" (250' Roll) For Emergency Clean-up	299.31	
02 90 50 00-0448	GAL	Lemon Oil For Emergency Clean-up	45.02	
02 90 50 00-0449	GAL	LPS 1/Mecca Lube For Emergency Clean-up	48.54	
02 90 50 00-0450	GAL	LPS 2 For Emergency Clean-up	51.37	
02 90 50 00-0451	GAL	LPS Contact Cleaner For Emergency Clean-up	51.13	
02 90 50 00-0452	GAL	Lubricant, Preserver (Light) For Emergency Clean-up	119.88	
02 90 50 00-0453	GAL	Lubricant, Preserver (Heavy) For Emergency Clean-up	26.71	
02 90 50 00-0454	GAL	Machinery Cleaning Solvent For Emergency Clean-up	215.56	
02 90 50 00-0455	GAL	Metal Polishing Paste For Emergency Clean-up	22.19	
02 90 50 00-0456	GAL	Microban For Emergency Clean-up	53.98	
02 90 50 00-0457	GAL	Milgo For Emergency Clean-up	66.26	
02 90 50 00-0458	EA	Mop Heads For Emergency Clean-up	8.00	
02 90 50 00-0459	EA	Nylon Scouring Pads For Emergency Clean-up	1.47	
02 90 50 00-0460	GAL	Odor Neutralizer For Emergency Clean-up	34.45	
02 90 50 00-0461	EA	Packing Paper, 25 LB Bundle For Emergency Clean-up	59.72	
02 90 50 00-0462	EA	Paint Brushes For Emergency Clean-up	6.68	
02 90 50 00-0463	ROL	Paper, Corrugated/Craft For Emergency Clean-up	139.27	
02 90 50 00-0464	EA	Putty Knives For Emergency Clean-up	6.05	
02 90 50 00-0465	ROL	Red Resin Paper, 200' Roll For Emergency Clean-up	30.39	
02 90 50 00-0466	GAL	Reodorant For Emergency Clean-up	113.53	
02 90 50 00-0467	EA	Respirator - N95 For Emergency Clean-up Personal Protection Equipment	3.89	
02 90 50 00-0468	EA	Respirator - N95 With valve For Emergency Clean-up Personal Protection Equipment	6.04	
02 90 50 00-0469	PR	Respirator Cartridges - 3M For Emergency Clean-up Personal Protection Equipment	40.50	
02 90 50 00-0470	PR	Respirator Cartridges -P100 For Emergency Clean-up Personal Protection Equipment	40.50	
02 90 50 00-0471	EA	Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment	32.40	
02 90 50 00-0472	GAL	Restoracide For Emergency Clean-up	53.25	
02 90 50 00-0473	GAL	Rust Remover For Emergency Clean-up	78.79	
02 90 50 00-0474	EA	Saltesmo Test Samples For Emergency Clean-up	7.32	
02 90 50 00-0475	EA	Sand Bag, Excluding Sand For Emergency Clean-up	1.92	
02 90 50 00-0476	EA	Scotch-Brite 7447, Per Box 50 For Emergency Clean-up	23.92	
02 90 50 00-0477	EA	Small Scrub Brushes For Emergency Clean-up	12.78	
02 90 50 00-0478	GAL	Soot Sealant, Clear For Emergency Clean-up	91.38	
02 90 50 00-0479	GAL	Soot Sealant, Pigmented For Emergency Clean-up	246.43	
02 90 50 00-0480	ROL	Shrink Wrap Plastic For Emergency Clean-up	56.73	
02 90 50 00-0481	EA	Sponges - Dry For Emergency Clean-up	4.44	
02 90 50 00-0482	EA	Spray Adhesive, Per Can For Emergency Clean-up	5.92	
02 90 50 00-0483	EA	Spray Bot./Trigger For Emergency Clean-up	5.16	
02 90 50 00-0484	GAL	Stain Remover For Emergency Clean-up	31.11	
02 90 50 00-0485	GAL	Stainless Steel Cleaner For Emergency Clean-up	11.15	
02 90 50 00-0486	EA	Stainless Steel Polish, Per Can For Emergency Clean-up	14.63	
02 90 50 00-0487	LB	Sweeping Compound For Emergency Clean-up	0.49	
02 90 50 00-0488	ROL	Tape - Duct, 2" x 50 YD For Emergency Clean-up	11.58	
02 90 50 00-0489	ROL	Tape - Environmental (Teal), 3/4" x 1,440' For Emergency Clean-up	10.89	
02 90 50 00-0490	ROL	Tape - HVAC (Aluminum), 2" x 75' For Emergency Clean-up	29.38	
02 90 50 00-0491	ROL	Tape - Blue Masking (Painters Tape), 1-1/2" x 198' For Emergency Clean-up	15.50	
02 90 50 00-0492	ROL	Tape - Poly Box, 2" x 110 YD For Emergency Clean-up	4.78	
02 90 50 00-0493	LB	Wipes, Terry Cloth 14" x 17" For Emergency Clean-up	6.88	
02 90 50 00-0494	GAL	Thermal Fog For Emergency Clean-up	70.01	
02 90 50 00-0495	ROL	Trash Bags - Lawn And Leaf For Emergency Clean-up	36.02	
02 90 50 00-0496	ROL	Trash Bags - 6 Mil Heavy Duty (50 Count) For Emergency Clean-up	143.65	
02 90 50 00-0497	EA	Trisodium Phosphate, 20 LB Pail For Emergency Clean-up	48.74	
02 90 50 00-0498	EA	Vacuum Bags - Backpack For Emergency Clean-up	1.64	
02 90 50 00-0499	EA	Vacuum Bags - Upright For Emergency Clean-up	2.19	
02 90 50 00-0500	GAL	Vinyl And Leather Cleaner For Emergency Clean-up	27.78	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0501	ROL	Visqueen 1 Mil For Emergency Clean-up	46.66	
02 90 50 00-0502	ROL	Visqueen 4 Mil For Emergency Clean-up	126.71	
02 90 50 00-0503	ROL	Visqueen 6 Mil For Emergency Clean-up	172.89	
02 90 50 00-0504	LB	Wipes, Cotton Cloth For Emergency Clean-up	4.90	
02 90 50 00-0505	ROL	12" x 750', Wrap, Bubble / Anti-Static For Emergency Clean-up	142.31	
02 90 50 00-0506	EA	Wyp-Alls, Case, 160 Wipes For Emergency Clean-up	13.89	
02 90 50 00-0507	EA	Zip Wall Zippers For Emergency Clean-up	21.60	

02 90 50 00-0508 Technical/Electronics Restoration Materials *(02 90 50 00-0381)*

02 90 50 00-0509	EA	Brush - Brass For Emergency Clean-up	5.01	
02 90 50 00-0510	EA	1" Brush, Natural Bristle For Emergency Clean-up	1.60	
02 90 50 00-0511	EA	1/2" Brush, Natural Bristle For Emergency Clean-up	1.34	
02 90 50 00-0512	EA	1/4" Brush, Natural Bristle For Emergency Clean-up	1.14	
02 90 50 00-0513	EA	Brush - Parts For Emergency Clean-up	6.95	
02 90 50 00-0514	EA	Brush - Plastic For Emergency Clean-up	3.61	
02 90 50 00-0515	EA	Brush - Wire Grout For Emergency Clean-up	7.78	
02 90 50 00-0516	EA	Brushing Tool For Emergency Clean-up	15.00	
02 90 50 00-0517	EA	Cleaning Swabs, Cotton For Emergency Clean-up	0.33	
02 90 50 00-0518	EA	Cleaning Swabs, Foam Tip For Emergency Clean-up	0.40	
02 90 50 00-0519	EA	Contact Restorer, Per Can For Emergency Clean-up	32.39	
02 90 50 00-0520	EA	Contact Spray, Per Can For Emergency Clean-up	22.04	
02 90 50 00-0521	UNT	Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up	3.21	
02 90 50 00-0522	UNT	Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up	7.35	
02 90 50 00-0523	UNT	Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up	12.69	
02 90 50 00-0524	LB	Cotton Cleaning Cloths For Emergency Clean-up	20.03	
02 90 50 00-0525	EA	12" x 17" Dust Cloths For Emergency Clean-up	0.30	
02 90 50 00-0526	EA	24" x 24" Dust Cloths For Emergency Clean-up	0.82	
02 90 50 00-0527	EA	Deoxidizing Agent, Per Can For Emergency Clean-up	15.69	
02 90 50 00-0528	GAL	Electronic Grade Detergent For Emergency Clean-up	33.34	
02 90 50 00-0529	SHT	Inventory Labels For Emergency Clean-up	0.13	
02 90 50 00-0530	GAL	Isopropyl Alcohol For Emergency Clean-up	88.34	
02 90 50 00-0531	GAL	Lubrication/Penetrating Oil, Per Can For Emergency Clean-up	128.81	
02 90 50 00-0532	GAL	PC Board Detergent For Emergency Clean-up	91.49	
02 90 50 00-0533	GAL	Rust Inhibitor, Regular Duty For Emergency Clean-up	148.58	
02 90 50 00-0534	GAL	Rust Inhibitor, Moderate Duty For Emergency Clean-up	149.69	
02 90 50 00-0535	GAL	Rust Inhibitor, Severe Duty For Emergency Clean-up	160.01	
02 90 50 00-0536	LB	Wipes, Lint Free Cloths For Emergency Clean-up	5.26	
02 90 50 00-0537	EA	Wire Marker Card For Emergency Clean-up	2.34	
02 90 50 00-0538	EA	Steel Wool, 16 Pad Sleeve For Emergency Clean-up	1.18	

02 90 50 00-0539 Board Up And Tarp Up *(02 90 50)*

02 90 50 00-0540	SF	Polyethylene Tarp On Roof Or Openings For Emergency Clean-up	0.22	
02 90 50 00-0541	SF	1/2" Temporary Plywood On Roof For Emergency Clean-up	1.24	
02 90 50 00-0542	SF	1/2" Temporary Plywood On Wall Or Windows For Emergency Clean-up	1.60	

02 90 50 00-0543 Minimum Charges *(02 90 50)*

02 90 50 00-0544	EA	Minimum For Emergency Cleaning	800.50	
02 90 50 00-0545	EA	Minimum For Emergency Water Extraction	172.24	
02 90 50 00-0546	EA	Minimum For Emergency Carpet Cleaning	160.27	

02 90 50 00-0547 Document Restoration *(02 90 50)*

02 90 50 00-0548	EA	Book Rebinding, Each For Document Restoration	82.77	
02 90 50 00-0549	EA	Book Recasing, Each For Document Restoration	41.38	
02 90 50 00-0550	EA	Boxes-MCS, 1.2 CF For Document Restoration	5.21	
02 90 50 00-0551	EA	Boxes-MCS, 2.0 CF For Document Restoration	5.75	
02 90 50 00-0552	EA	Boxes Bankers For Document Restoration	13.22	
02 90 50 00-0553	EA	Boxes Standard Packout For Document Restoration	3.33	
02 90 50 00-0554	EA	Boxes X Ray For Document Restoration	8.28	
02 90 50 00-0555	EA	CD Scanning and Diagnostics, Each For Document Restoration	8.28	
02 90 50 00-0556	EA	Cleaning Antique Books, Each For Document Restoration	248.29	
02 90 50 00-0557	EA	Cleaning Catheter Roll, Per Roll For Document Restoration	33.10	
02 90 50 00-0558	EA	Cleaning CD And DVD, Per Disc For Document Restoration	3.33	
02 90 50 00-0559	EA	Cleaning Level 1 - Blue Prints, Each For Document Restoration	2.33	
02 90 50 00-0560	CF	Cleaning Level 1 - Document Per CF For Document Restoration	72.09	
02 90 50 00-0561	EA	Cleaning Level 1 - Linen, Each For Document Restoration	2.33	
02 90 50 00-0562	EA	Cleaning Level 1 - Mylar, Each For Document Restoration	2.33	
02 90 50 00-0563	EA	Cleaning Level 2 - Blue Print, Each For Document Restoration	2.89	
02 90 50 00-0564	CF	Cleaning Level 2 - Document Per CF For Document Restoration	108.04	
02 90 50 00-0565	EA	Cleaning Level 2 - Linen, Each For Document Restoration	2.89	
02 90 50 00-0566	EA	Cleaning Level 2 - Mylar, Each For Document Restoration	2.89	
02 90 50 00-0567	EA	Cleaning Level 3 - Blue Prints, Each For Document Restoration	4.10	
02 90 50 00-0568	CF	Cleaning Level 3 - Document Per CF For Document Restoration	144.16	
02 90 50 00-0569	EA	Cleaning Level 3 - Linen, Each For Document Restoration	4.10	
02 90 50 00-0570	EA	Cleaning Level 3 - Mylar, Each For Document Restoration	4.10	
02 90 50 00-0571	EA	Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration	5.75	
02 90 50 00-0572	EA	Cleaning Level 4 - All Fire-Linen, Each For Document Restoration	5.75	
02 90 50 00-0573	EA	Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration	5.75	
02 90 50 00-0574	CF	Cleaning Level 4 - Light Fire-Document Per CF For Document Restoration	180.16	
02 90 50 00-0575	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration	6.37	
02 90 50 00-0576	CF	Cleaning Level 5 - Severe Fire-Document Per CF For Document Restoration	270.33	
02 90 50 00-0577	EA	Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration	6.37	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0578	EA	Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration	6.37	
02 90 50 00-0579	EA	Cleaning Microfiche Sheets, Each For Document Restoration	2.26	
02 90 50 00-0580	EA	Cleaning Microfiche Strips, Each For Document Restoration	0.53	
02 90 50 00-0581	EA	Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration	82.77	
02 90 50 00-0582	EA	Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration	115.88	
02 90 50 00-0583	EA	Cleaning Photographs Negatives, Per Negative For Document Restoration	2.26	
02 90 50 00-0584	EA	Cleaning Photographs, Each For Document Restoration	0.53	
02 90 50 00-0585	EA	Cleaning Record Albums, Each For Document Restoration	3.33	
02 90 50 00-0586	EA	Cleaning VHS And Beta Tapes-In House, Each For Document Restoration	8.28	
02 90 50 00-0587	EA	Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration	33.10	
02 90 50 00-0588	EA	Cleaning X Ray 1-1000, Per Film For Document Restoration	3.09	
02 90 50 00-0589	EA	Cleaning X Ray 1K-5K, Per Film For Document Restoration	2.64	
02 90 50 00-0590	EA	Cleaning X Ray 5K-Up, Per Film For Document Restoration	2.07	
02 90 50 00-0591	EA	Copying Clean Water, Per Page For Document Restoration	0.30	
02 90 50 00-0592	EA	Copying Greywater Fire, Per Page For Document Restoration	0.89	
02 90 50 00-0593	CF	Deodorization, Vapor Tech For Document Restoration	5.69	
02 90 50 00-0594	CF	Disinfectant-Fogging For Document Restoration	11.61	
02 90 50 00-0595	EA	Document Disposal In House No Shredding For Document Restoration	44.23	
02 90 50 00-0596	EA	Document Disposal In House With Shredding For Document Restoration	12.07	
02 90 50 00-0597	CF	Up To 150 CF, Drying-MCS Center For Document Restoration	148.97	
02 90 50 00-0598	CF	>150 To 500 CF, Drying-MCS Center For Document Restoration	115.88	
02 90 50 00-0599	CF	>500 CF, Drying-MCS Center For Document Restoration	99.32	
02 90 50 00-0600	CF	>50 To 150 CF, Drying-MCS Center For Document Restoration	132.42	
02 90 50 00-0601	CF	Up To 500 CF, Drying-Onsite For Document Restoration	248.29	
02 90 50 00-0602	CF	>500 CF, Drying-Onsite For Document Restoration	152.31	
02 90 50 00-0603	EA	Drying Antique Books, Each For Document Restoration	33.10	
02 90 50 00-0604	EA	Drying Blue Prints, Each For Document Restoration	4.14	
02 90 50 00-0605	EA	DVD Scanning And Diagnostics, Each For Document Restoration	8.28	
02 90 50 00-0606	EA	Freeze Drying (In House) For Document Restoration	75.04	
02 90 50 00-0607	EA	Freeze Drying (Outside) For Document Restoration	64.32	
02 90 50 00-0608	EA	Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration	1,768.80	
02 90 50 00-0609	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	16.08	
02 90 50 00-0610	EA	Minimal Drying Jobs For Document Restoration	745.04	
02 90 50 00-0611	EA	Monthly Storage For Document Restoration	138.90	
02 90 50 00-0612	EA	Mylar Prints For Document Restoration	8.28	
02 90 50 00-0613	CF	Ozoning For Document Restoration	5.11	
02 90 50 00-0614	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	6.47	
02 90 50 00-0615	MO	Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.08	
02 90 50 00-0616	EA	Wood Pallets, Each For Document Restoration	18.00	

END OF SECTION 02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance Of Concrete *(03)*

03 01 30 Maintenance Of Cast-In-Place Concrete *(03 01)*

03 01 30 51 Cleaning Of Cast-In-Place Concrete *(03 01 30)*

03 01 30 51-0001 Abrasive Blasting *(03 01 30 51)*
Note: Includes containment and clean-up of all material. Includes steel ball media.

03 01 30 51-0002	SF	Concrete Floors, Abrasive Shot Blasting	2.03
		For Up To 100, Add	*2.48*
		For >100 To 250, Add	*0.62*
		For >250 To 500, Add	*0.31*
		For >5,000 To 10,000, Deduct	*-0.06*
		For >10,000, Deduct	*-0.12*
03 01 30 51-0003	SF	Concrete Walls, Abrasive Shot Blasting	3.28
		For Up To 100, Add	*4.98*
		For >100 To 250, Add	*1.25*
		For >250 To 500, Add	*0.62*
		For >5,000 To 10,000, Deduct	*-0.12*
		For >10,000, Deduct	*-0.25*

03 01 30 71 Rehabilitation Of Cast-in-Place Concrete *(03 01 30)*

03 01 30 71-0001 Concrete Resurfacing/Repair *(03 01 30 71)*
See CSI section 09 91 43 00-0002 for surface preparation as required.

03 01 30 71-0002 Concrete Repair *(03 01 30 71-0001)*

03 01 30 71-0003 Decks Or Floors *(03 01 30 71-0002)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0004	SF	1/8" To 1/4", Cementitious Mortar Patch, Decks And Floors	5.56
03 01 30 71-0005	SF	1/8" To 1/4", Epoxy Cementitious Mortar Patch, Decks And Floors	18.18
03 01 30 71-0006	SF	White Aluminum Oxide Grit (Non Slip Aggregate) Patch, Decks And Floors	0.51

03 01 30 71-0007 Verticals Or Overheads *(03 01 30 71-0002)*
Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0008	SF	1/8" To 1/4" Cementitious Mortar Patch, Verticals And Overheads	8.29
03 01 30 71-0009	SF	1/8" To 1/4" Epoxy Cementitious Mortar Patch, Verticals And Overheads	24.49
03 01 30 71-0010	SF	1/8" To 1/4" Latex Cementitious Mortar Patch, Verticals And Overheads	27.67
03 01 30 71-0011	SF	1/8" To 1/4" Elastomeric Compound Patch, Verticals And Overheads	6.27
03 01 30 71-0012	SF	1/8" To 1/4" Copolymer Cementitious Compound Patch, Verticals And Overheads Note: Rapid Set - WunderFixx	10.91

03 01 30 71-0013 Bridge Deck Treatment *(03 01 30 71-0002)*

03 01 30 71-0014	SF	Sweep Bridge Deck	0.01
03 01 30 71-0015	SF	Clean Bridge Deck	0.02
03 01 30 71-0016	SF	Treat Bridge Deck With Methacrylate Resin Sealant	1.47

03 01 30 71-0017 Concrete Finishes *(03 01 30 71-0001)*

03 01 30 71-0018 Concrete Patching *(03 01 30 71-0017)*

03 01 30 71-0019 Walls *(03 01 30 71-0018)*

03 01 30 71-0020	BAG	Sika Top 111 Plus Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).	110.58
		For Up To 10, Add	*36.36*
		For >10 To 25, Add	*21.81*
		For >25 To 50, Add	*14.54*
		For >50 To 75, Add	*7.27*
03 01 30 71-0021	BAG	Sika Grout 212, 50 LB Bag Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.	77.63
		For Up To 10, Add	*23.04*
		For >10 To 25, Add	*13.82*
		For >25 To 50, Add	*9.21*
		For >50 To 75, Add	*4.61*
03 01 30 71-0022	EA	Sika Flex 1A, 10.3 Ounce Tube Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	30.14
03 01 30 71-0023	BAG	Pea Gravel	21.26

03 01 30 71-0024 Crack Repair For Concrete *(03 01 30 71-0001)*

03 01 30 71-0025 Non Structural Crack Repair For Concrete *(03 01 30 71-0024)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 01 30 71-0026 Surface Applied, Non Structural Crack Repair For Concrete *(03 01 30 71-0025)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.

03 01 30 71-0027	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	5.07	
		For V-Grooving Crack With Grinder, Add	*4.08*	
03 01 30 71-0028	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)	6.60	
		For V-Grooving Crack With Grinder, Add	*3.98*	
03 01 30 71-0029	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	5.15	
		For V-Grooving Crack With Grinder, Add	*4.08*	
03 01 30 71-0030	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)	6.76	
		For V-Grooving Crack With Grinder, Add	*3.98*	
03 01 30 71-0031	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	5.43	
		For V-Grooving Crack With Grinder, Add	*4.08*	
03 01 30 71-0032	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	7.34	
		For V-Grooving Crack With Grinder, Add	*3.98*	
03 01 30 71-0033	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	5.64	
		For V-Grooving Crack With Grinder, Add	*4.08*	
03 01 30 71-0034	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	7.76	
		For V-Grooving Crack With Grinder, Add	*3.98*	

03 01 30 71-0035 Pressure Injected, Non Structural Crack Repair For Concrete *(03 01 30 71-0025)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.

03 01 30 71-0036	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570)	21.33	
		For Cracks Accessible From Both Sides, Add	*4.33*	

03 01 30 71-0037 Structural Crack Repair For Concrete *(03 01 30 71-0024)*

03 01 30 71-0038 Surface Applied, Structural Crack Repair For Concrete *(03 01 30 71-0037)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.

03 01 30 71-0039	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	5.70	
		For V-Grooving Crack With Grinder, Add	*4.08*	
03 01 30 71-0040	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	7.87	
		For V-Grooving Crack With Grinder, Add	*3.98*	
03 01 30 71-0041	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)	5.89	
		For V-Grooving Crack With Grinder, Add	*4.08*	
03 01 30 71-0042	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)	8.26	
		For V-Grooving Crack With Grinder, Add	*3.98*	
03 01 30 71-0043	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	6.52	
		For V-Grooving Crack With Grinder, Add	*4.08*	
03 01 30 71-0044	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	9.52	
		For V-Grooving Crack With Grinder, Add	*3.98*	

03 01 30 71-0045 Pressure Injected, Structural Crack Repair For Concrete *(03 01 30 71-0037)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.

03 01 30 71-0046	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)	19.08	
		For Cracks Accessible From Both Sides, Add	*4.33*	
03 01 30 71-0047	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52)	19.27	
		For Cracks Accessible From Both Sides, Add	*4.33*	

03 01 30 71-0048 Carbon Fiber Strengthening System *(03 01 30 71-0001)*

Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.

03 01 30 71-0049	SF	Carbon Fiber Strengthening System Beams, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	63.31	
03 01 30 71-0050	SF	Carbon Fiber Strengthening System Columns, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	55.45	
03 01 30 71-0051	SF	Carbon Fiber Strengthening System Slabs, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	48.57	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0052		Fiber Reinforced Polymer (FRP) Strengthening System *(03 01 30 71-0001)* Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.		
03 01 30 71-0053	SF	Composite Strengthening System - Exterior, Per Layer Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish. TYFO Fibrwrap System by Fyfe Company	41.18	
		For Floor Surfaces, Deduct	*-6.75*	
03 01 30 71-0054	SF	Composite Strengthening Fire Resistant System - Interior, Per Layer Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish and fire coating. TYFO Fibrwrap System by Fyfe Company	50.10	
		For Floor Surfaces, Deduct	*-8.29*	

03 01 30 72 Strengthening Of Cast-in-Place Concrete *(03 01 30)*

03 01 30 72-0001 Concrete Surface Repairs *(03 01 30 72)*

03 01 30 72-0002	SF	Sound The Concrete Surface To Locate Delaminated Areas	0.31	

03 05 Common Work Results For Concrete *(03)*

03 05 13 Concrete Admixtures *(03 05)*

03 05 13 00-0001 Concrete Admixtures *(03 05 13)*

03 05 13 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture	3.83	
03 05 13 00-0003	CY	Set Retarding, Type B Concrete Admixture	2.65	
03 05 13 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture	4.13	
03 05 13 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture	8.26	
03 05 13 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture	7.37	
03 05 13 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture	14.75	
03 05 13 00-0008	CY	Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	3.19	
03 05 13 00-0009	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	4.42	
03 05 13 00-0010	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	8.85	
03 05 13 00-0011	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	5.15	
03 05 13 00-0012	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture	7.08	
03 05 13 00-0013	CY	1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	9.44	
03 05 13 00-0014	CY	25 LB/CY Steel Fibers, Concrete Admixture	23.16	
03 05 13 00-0015	CY	10% Microsilica (Silica Fume), Concrete Admixture	82.47	
03 05 13 00-0016	CY	Corrosion Inhibiting Concrete Admixture	17.70	
03 05 13 00-0017	CY	Winter Service Or Heat, Concrete Add	4.13	
03 05 13 00-0018	CY	Chilled Water, Concrete Add	4.13	
03 05 13 00-0019	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture	23.89	
03 05 13 00-0020	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture	39.81	
03 05 13 00-0021	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture	76.44	
03 05 13 00-0022	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	106.17	
03 05 13 00-0023	CY	XYPEX Concrete Additive C-500, C-1000 or C-2000	38.91	

03 10 Concrete Forming And Accessories *(03)*

03 11 Concrete Forming *(03 10)*

03 11 13 Structural Cast-In-Place Concrete Forming *(03 11)*

Note: Per square foot of formwork.

03 11 13 00-0001 Wood Formwork *(03 11 13)*

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0002 Foundation Wood Formwork *(03 11 13 00-0001)*

Note: For foundation work below or at grade.

03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork	6.76	
		For <1,000, Add	*1.28*	
		For Foundations >8' Below Grade, Add	*1.24*	
		For Curved Formwork, Add	*2.48*	
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork	8.08	
		For <1,000, Add	*1.54*	
		For Foundations >8' Below Grade, Add	*1.50*	
		For Curved Formwork, Add	*3.00*	
03 11 13 00-0005	SF	Mat Foundation Wood Formwork	9.39	
		For <1,000, Add	*1.81*	
		For Foundations >8' Below Grade, Add	*1.77*	
		For Curved Formwork, Add	*3.54*	
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork	7.81	
		For <1,000, Add	*1.49*	
		For Foundations >8' Below Grade, Add	*1.45*	
		For Curved Formwork, Add	*2.91*	
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork Note: Excludes footing	11.08	
		For <1,000, Add	*2.11*	
		For Foundations >8' Below Grade, Add	*2.06*	
		For Curved Formwork, Add	*4.11*	

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork *(03 11 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork	5.26	
		For Foundations >8' Below Grade, Add	*0.99*	
		For Curved Formwork, Add	*1.99*	
		For Up To 250, Add	*1.01*	
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork	7.49	
		For Foundations >8' Below Grade, Add	*1.38*	
		For Curved Formwork, Add	*2.76*	
		For Up To 250, Add	*1.42*	
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork	9.64	
		For Foundations >8' Below Grade, Add	*1.79*	
		For Curved Formwork, Add	*3.58*	
		For <1,000, Add	*1.84*	
03 11 13 00-0012		**Column Wood Formwork** *(03 11 13 00-0001)*		
03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork	40.42	
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork	58.78	
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork	74.04	
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork	106.55	
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork	153.02	
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork	202.51	
03 11 13 00-0019		**Above Grade Wall Wood Formwork** *(03 11 13 00-0001)*		
03 11 13 00-0020	SF	Up To 8' High Above Grade Wall Wood Formwork	12.41	
		For Curved Formwork, Add	*4.65*	
		For <1,000, Add	*2.38*	
03 11 13 00-0021	SF	>8' High Above Grade Wall Wood Formwork	14.71	
		For Curved Formwork, Add	*5.52*	
		For <1,000, Add	*2.82*	
03 11 13 00-0022		**Elevated Beam Wood Formwork** *(03 11 13 00-0001)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023	SF	Bottom of Elevated Beam Wood Formwork	16.19	
		For Curved Formwork, Add	*6.05*	
		For <1,000, Add	*3.10*	
03 11 13 00-0024	SF	Vertical Sides of Elevated Beam Wood Formwork	10.31	
		For Curved Formwork, Add	*3.87*	
		For <1,000, Add	*1.98*	
03 11 13 00-0025		**Elevated Slab Wood Formwork** *(03 11 13 00-0001)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026	SF	Elevated Slab Wood Formwork	9.46	
		For <1,000, Add	*1.76*	
03 11 13 00-0027		**Metal Framed Formwork** *(03 11 13)*		
		Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0028		**Foundation Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: For foundation work below or at grade.		
03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork	6.58	
		For <1,000, Add	*1.20*	
		For Foundations >8' Below Grade, Add	*1.14*	
		For Curved Formwork, Add	*2.27*	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	7.29	
		For <1,000, Add	*1.34*	
		For Foundations >8' Below Grade, Add	*1.28*	
		For Curved Formwork, Add	*2.55*	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork	8.19	
		For <1,000, Add	*1.48*	
		For Foundations >8' Below Grade, Add	*1.41*	
		For Curved Formwork, Add	*2.81*	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork	6.91	
		For <1,000, Add	*1.25*	
		For Foundations >8' Below Grade, Add	*1.18*	
		For Curved Formwork, Add	*2.37*	
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork	10.49	
		Note: Excludes footing.		
		For <1,000, Add	*1.93*	
		For Foundations >8' Below Grade, Add	*1.85*	
		For Curved Formwork, Add	*3.70*	
03 11 13 00-0034		**Slab Edge And Block-Out Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	4.62	
		For Foundations >8' Below Grade, Add	*0.90*	
		For Curved Formwork, Add	*1.80*	
		For <250, Add	*0.91*	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	5.77	
		For Foundations >8' Below Grade, Add	*1.12*	
		For Curved Formwork, Add	*2.23*	
		For <250, Add	*1.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork	6.40	
		For Foundations >8' Below Grade, Add	*1.23*	
		For Curved Formwork, Add	*2.47*	
		For <1,000, Add	*1.25*	

03 11 13 00-0038 Column Metal Framed Formwork *(03 11 13 00-0027)*

03 11 13 00-0039 Square Columns *(03 11 13 00-0038)*

03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork	40.62
03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork	49.15
03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork	57.69
03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork	68.90
03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork	83.04
03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork	99.79
03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork	128.08
03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork	158.07

03 11 13 00-0048 Round Columns *(03 11 13 00-0038)*

03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork	42.19
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork	46.73
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork	53.43
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork	61.94
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork	72.90
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork	83.31
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork	108.83
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork	144.14

03 11 13 00-0057 Above Grade Wall Metal Framed Formwork *(03 11 13 00-0027)*

03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork	6.54	
		For Curved Formwork, Add	*2.12*	
		For <1,000, Add	*1.14*	
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork	8.00	
		For Curved Formwork, Add	*2.56*	
		For <1,000, Add	*1.39*	

03 11 13 00-0060 Elevated Beam Metal Framed Formwork *(03 11 13 00-0027)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.

03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork	6.29	
		For Curved Formwork, Add	*1.96*	
		For <1,000, Add	*1.07*	
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork	4.87	
		For Curved Formwork, Add	*1.55*	
		For <1,000, Add	*0.84*	

03 11 13 00-0063 Elevated Slab Metal Framed Formwork *(03 11 13 00-0027)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.

03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork	7.99	
		For <1,000, Add	*1.24*	

03 11 13 00-0065 Fiber Tube Formwork *(03 11 13)*

Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.

03 11 13 00-0066 Round Column Fiber Tube Formwork *(03 11 13 00-0065)*

03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork	16.07	
		For Plastic Lined, Add	*0.55*	
		For Columns >12' In Length, Add	*1.61*	
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork	16.92	
		For Plastic Lined, Add	*0.64*	
		For Columns >12' In Length, Add	*1.69*	
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork	18.67	
		For Plastic Lined, Add	*0.74*	
		For Columns >12' In Length, Add	*1.87*	
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork	21.96	
		For Plastic Lined, Add	*1.06*	
		For Columns >12' In Length, Add	*2.20*	
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork	24.74	
		For Plastic Lined, Add	*1.44*	
		For Columns >12' In Length, Add	*2.47*	
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork	26.72	
		For Plastic Lined, Add	*1.82*	
		For Columns >12' In Length, Add	*2.67*	
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork	28.05	
		For Plastic Lined, Add	*1.98*	
		For Columns >12' In Length, Add	*2.81*	
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork	30.48	
		For Plastic Lined, Add	*2.47*	
		For Columns >12' In Length, Add	*3.05*	
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork	33.30	
		For Plastic Lined, Add	*2.98*	
		For Columns >12' In Length, Add	*3.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork	36.11	
		For Plastic Lined, Add	*3.49*	
		For Columns >12' In Length, Add	*3.61*	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork	37.60	
		For Plastic Lined, Add	*3.80*	
		For Columns >12' In Length, Add	*3.76*	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork	39.90	
		For Plastic Lined, Add	*4.36*	
		For Columns >12' In Length, Add	*3.99*	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork	42.38	
		For Plastic Lined, Add	*4.97*	
		For Columns >12' In Length, Add	*4.24*	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork	51.11	
		For Plastic Lined, Add	*7.11*	
		For Columns >12' In Length, Add	*5.11*	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork	68.83	
		For Plastic Lined, Add	*12.07*	
		For Columns >12' In Length, Add	*6.88*	
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork	81.60	
		For Plastic Lined, Add	*15.56*	
		For Columns >12' In Length, Add	*8.16*	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork	133.92	
		For Plastic Lined, Add	*30.69*	
		For Columns >12' In Length, Add	*13.39*	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork	148.62	
		For Plastic Lined, Add	*34.67*	
		For Columns >12' In Length, Add	*14.86*	

03 11 13 00-0085 Accessories For Formwork *(03 11 13)*

03 11 13 00-0086 Keyway Forms, All Materials *(03 11 13 00-0085)*

03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	1.93

03 11 13 00-0088 Chamfer Strips, All Materials *(03 11 13 00-0085)*

03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	2.04
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.35
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	2.71

03 11 13 00-0092 Strip Out Reglets For Concrete Formwork *(03 11 13 00-0085)*

03 11 13 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork	9.61

03 11 13 00-0094 Sleeves And Chases, Plastic Or Sheet Metal *(03 11 13 00-0085)*

03 11 13 00-0095	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	11.78
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	14.29
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	17.27
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	19.66
03 11 13 00-0099	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	25.35
03 11 13 00-0100	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	55.94

03 11 16 Architectural Cast-In-Place Concrete Forming *(03 11)*

03 11 16 13 Concrete Form Liners *(03 11 16)*

03 11 16 13-0001 Concrete Form Liners *(03 11 16 13)*

03 11 16 13-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	4.88
03 11 16 13-0003	SF	Rusticated Concrete Finish, Beveled Edge, 1 Use, Concrete Form Liner, Add To Formwork	6.38
03 11 16 13-0004	SF	Rusticated Concrete Finish, Square Edge, 1 Use, Concrete Form Liner, Add To Formwork	8.38

03 11 23 Permanent Stair Forming *(03 11)*

03 11 23 00-0001 Stairway Wood Formwork *(03 11 23)*

03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork	15.85	
		For Curved Formwork, Add	*6.15*	
		For <1,000, Add	*3.11*	
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork	31.37	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*12.01*	
		For <1,000, Add	*6.10*	

03 11 23 00-0004 Stairway Metal Framed Formwork *(03 11 23)*

03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork	13.53	
		For Curved Formwork, Add	*5.08*	
		For <1,000, Add	*2.59*	
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork	24.83	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	*9.40*	
		For <1,000, Add	*4.79*	

03 15 Concrete Accessories *(03 10)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 15 13 Waterstops *(03 15)*

03 15 13 13 Non-Expanding Waterstops *(03 15 13)*

03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops *(03 15 13 13)*

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	7.61	
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	8.54	
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	10.23	
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	11.21	
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	16.60	
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	8.25	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	10.36	
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	18.09	
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	14.38	

03 15 13 13-0011 Rubber Waterstops *(03 15 13 13)*

03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	8.68	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	9.99	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	9.15	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	12.59	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	10.38	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	13.35	

03 15 13 16 Expanding Waterstops *(03 15 13)*

03 15 13 16-0001 Bentonite Waterstops *(03 15 13 16)*

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	6.70	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	10.21	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	11.46	
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	12.95	

03 15 16 Concrete Construction Joints *(03 15)*

03 15 16 00-0001 Poured Expansion Joint *(03 15 16)*

03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	1.81	0.71
		For Installation In Walls, Add	*1.18*	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	2.74	0.71
		For Installation In Walls, Add	*1.33*	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	2.57	0.71
		For Installation In Walls, Add	*1.18*	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	5.78	0.71
		For Installation In Walls, Add	*1.33*	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	3.62	0.71
		For Installation In Walls, Add	*1.33*	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts	6.57	0.71
		For Installation In Walls, Add	*2.16*	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	1.88	0.71
		For Installation In Walls, Add	*1.18*	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	2.04	0.71
		For Installation In Walls, Add	*1.18*	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	3.57	0.71
		For Installation In Walls, Add	*1.33*	

03 15 16 00-0011 Premolded Expansion Joints *(03 15 16)*

03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.09	0.97
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.37	1.03
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.53	1.08
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.72	1.13
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.25	0.97
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.49	1.03
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.77	1.08
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.17	1.13
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.05	0.92
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.23	0.97
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.43	1.03
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.59	1.08
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.81	1.13
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.10	1.17
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	3.31	1.22
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	3.69	1.27
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.44	1.03
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.76	1.08
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.34	1.17
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	5.66	1.61

03 15 16 00-0033 Cork, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	3.36	1.03
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	3.76	1.13
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	4.08	1.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	5.58	1.22
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	5.93	1.27
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	6.63	1.61
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	7.60	1.61
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	8.05	1.61

03 15 16 00-0042 Flexible Polyethylene Foam, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.25	1.03
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.35	1.08
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.48	1.13
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.84	1.17
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.31	1.03
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.41	1.08
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.51	1.13
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.75	1.17

03 15 16 00-0051 Zip Strip, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint	2.28	1.03
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	2.46	1.08
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint	2.74	1.17

03 15 16 00-0055 Sponge Rubber, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint	4.05	0.97
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint	4.86	0.97

03 15 16 00-0058 Asphalt Felt Control Joints Or Bond Breaker *(03 15 16)*

03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 LB Felt Bond Breaker	1.09	0.73
		>1,250, Deduct	*-0.05*	
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 LB Felt Bond Breaker	1.03	0.73
		>1,250, Deduct	*-0.05*	

03 15 16 00-0061 Keyed Cold Expansion And Control Joints *(03 15 16)*

03 15 16 00-0062 24 Gauge Galvanized Steel With Stakes *(03 15 16 00-0061)*

03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	5.55	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	5.65	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint	5.85	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint	6.20	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint	7.74	

03 15 19 Cast-In Concrete Anchors *(03 15)*

03 15 19 00-0001 Cast In Place Anchors *(03 15 19)*

Note: For cast in place installations. Includes nut and washer.

03 15 19 00-0002 J-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0003 1/2" And 5/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0004	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	7.33	
		For Galvanized, Add	*0.90*	
		For Stainless Steel, Add	*6.27*	
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.60*	
		For >100, Deduct	*-1.20*	
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	8.25	
		For Galvanized, Add	*1.14*	
		For Stainless Steel, Add	*7.98*	
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.65*	
		For >100, Deduct	*-1.31*	
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	9.61	
		For Galvanized, Add	*1.57*	
		For Stainless Steel, Add	*10.99*	
		For >10 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.73*	
		For >100, Deduct	*-1.45*	
03 15 19 00-0007	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	10.57	
		For Galvanized, Add	*2.05*	
		For Stainless Steel, Add	*14.35*	
		For >10 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.75*	
		For >100, Deduct	*-1.50*	
03 15 19 00-0008	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	12.53	
		For Galvanized, Add	*2.74*	
		For Stainless Steel, Add	*19.18*	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.84*	
		For >100, Deduct	*-1.68*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0009	EA	5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	14.02	
		For Galvanized, Add	*3.13*	
		For Stainless Steel, Add	*21.91*	
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.93*	
		For >100, Deduct	*-1.87*	

03 15 19 00-0010 3/4" And 7/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0011	EA	3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	13.98	
		For Galvanized, Add	*3.11*	
		For Stainless Steel, Add	*21.77*	
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.93*	
		For >100, Deduct	*-1.86*	
03 15 19 00-0012	EA	3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	15.87	
		For Galvanized, Add	*3.63*	
		For Stainless Steel, Add	*25.38*	
		For >10 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.09*	
03 15 19 00-0013	EA	3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	18.98	
		For Galvanized, Add	*4.64*	
		For Stainless Steel, Add	*32.48*	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.40*	
03 15 19 00-0014	EA	3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	22.57	
		For Galvanized, Add	*5.85*	
		For Stainless Steel, Add	*40.95*	
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.76*	
03 15 19 00-0015	EA	7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	18.20	
		For Galvanized, Add	*4.25*	
		For Stainless Steel, Add	*29.75*	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.37*	
03 15 19 00-0016	EA	7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	21.25	
		For Galvanized, Add	*5.09*	
		For Stainless Steel, Add	*35.60*	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.72*	
03 15 19 00-0017	EA	7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	26.49	
		For Galvanized, Add	*6.78*	
		For Stainless Steel, Add	*47.46*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.26*	

03 15 19 00-0018 1" And 1-1/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0019	EA	1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	22.07	
		For Galvanized, Add	*5.50*	
		For Stainless Steel, Add	*38.47*	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.77*	
03 15 19 00-0020	EA	1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	26.16	
		For Galvanized, Add	*6.62*	
		For Stainless Steel, Add	*46.31*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.25*	
03 15 19 00-0021	EA	1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	32.09	
		For Galvanized, Add	*8.29*	
		For Stainless Steel, Add	*58.03*	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-3.93*	
03 15 19 00-0022	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	39.66	
		For Galvanized, Add	*10.13*	
		For Stainless Steel, Add	*70.91*	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.45*	
		For >100, Deduct	*-4.89*	
03 15 19 00-0023	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	25.91	
		For Galvanized, Add	*6.87*	
		For Stainless Steel, Add	*48.09*	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.12*	
03 15 19 00-0024	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	30.73	
		For Galvanized, Add	*8.27*	
		For Stainless Steel, Add	*57.89*	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0025	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	37.77	
		For Galvanized, Add	*10.37*	
		For Stainless Steel, Add	*72.56*	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.22*	
		For >100, Deduct	*-4.44*	
03 15 19 00-0026	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	46.62	
		For Galvanized, Add	*12.66*	
		For Stainless Steel, Add	*88.62*	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.76*	
		For >100, Deduct	*-5.53*	

03 15 19 00-0027 1-1/4" And 1-1/2" Diameter *(03 15 19 00-0002)*

03 15 19 00-0028	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	30.64	
		For Galvanized, Add	*8.59*	
		For Stainless Steel, Add	*60.10*	
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.55*	
03 15 19 00-0029	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	36.39	
		For Galvanized, Add	*10.34*	
		For Stainless Steel, Add	*72.35*	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.18*	
03 15 19 00-0030	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	44.79	
		For Galvanized, Add	*12.96*	
		For Stainless Steel, Add	*90.72*	
		For >10 To 50, Deduct	*-0.94*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.07*	
03 15 19 00-0031	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	55.23	
		For Galvanized, Add	*15.83*	
		For Stainless Steel, Add	*110.78*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-3.15*	
		For >100, Deduct	*-6.30*	
03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	36.58	
		For Galvanized, Add	*10.74*	
		For Stainless Steel, Add	*75.15*	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.10*	
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	43.48	
		For Galvanized, Add	*12.92*	
		For Stainless Steel, Add	*90.44*	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.41*	
		For >100, Deduct	*-4.82*	
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	53.57	
		For Galvanized, Add	*16.20*	
		For Stainless Steel, Add	*113.40*	
		For >10 To 50, Deduct	*-1.06*	
		For >50 To 100, Deduct	*-2.93*	
		For >100, Deduct	*-5.85*	
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	66.01	
		For Galvanized, Add	*19.79*	
		For Stainless Steel, Add	*138.50*	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.63*	
		For >100, Deduct	*-7.27*	

03 15 19 00-0036 L-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0037 3/4" And 7/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	13.37	
		For Galvanized, Add	*2.38*	
		For Stainless Steel, Add	*16.63*	
		For >10 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-0.98*	
		For >100, Deduct	*-1.96*	
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	15.57	
		For Galvanized, Add	*2.94*	
		For Stainless Steel, Add	*20.55*	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.23*	
03 15 19 00-0040	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	17.81	
		For Galvanized, Add	*3.37*	
		For Stainless Steel, Add	*23.56*	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	19.92	
		For Galvanized, Add	*3.50*	
		For Stainless Steel, Add	*24.47*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	22.84	
		For Galvanized, Add	*3.67*	
		For Stainless Steel, Add	*25.66*	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.47*	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	15.59	
		For Galvanized, Add	*2.95*	
		For Stainless Steel, Add	*20.62*	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.23*	
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	17.95	
		For Galvanized, Add	*3.44*	
		For Stainless Steel, Add	*24.05*	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.56*	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	20.80	
		For Galvanized, Add	*3.94*	
		For Stainless Steel, Add	*27.55*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.98*	
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	23.68	
		For Galvanized, Add	*4.09*	
		For Stainless Steel, Add	*28.60*	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.51*	
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.99	
		For Galvanized, Add	*4.30*	
		For Stainless Steel, Add	*30.07*	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.31*	

03 15 19 00-0048 1" And 1-1/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0049	EA	1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	18.64	
		For Galvanized, Add	*3.78*	
		For Stainless Steel, Add	*26.46*	
		For >10 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.59*	
03 15 19 00-0050	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	21.43	
		For Galvanized, Add	*4.25*	
		For Stainless Steel, Add	*29.75*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.01*	
03 15 19 00-0051	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	25.01	
		For Galvanized, Add	*4.75*	
		For Stainless Steel, Add	*33.25*	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.58*	
03 15 19 00-0052	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	26.81	
		For Galvanized, Add	*4.98*	
		For Stainless Steel, Add	*34.83*	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.87*	
03 15 19 00-0053	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	29.82	
		For Galvanized, Add	*5.21*	
		For Stainless Steel, Add	*36.47*	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.40*	
03 15 19 00-0054	EA	1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.63	
		For Galvanized, Add	*6.04*	
		For Stainless Steel, Add	*42.28*	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.46*	
		For >100, Deduct	*-4.91*	
03 15 19 00-0055	EA	1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.99	
		For Galvanized, Add	*7.07*	
		For Stainless Steel, Add	*49.46*	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-2.94*	
		For >100, Deduct	*-5.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0056	EA	1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	22.87	
		For Galvanized, Add	*4.97*	
		For Stainless Steel, Add	*34.79*	
		For >10 To 50, Deduct	*-0.65*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.08*	
03 15 19 00-0057	EA	1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	26.64	
		For Galvanized, Add	*5.57*	
		For Stainless Steel, Add	*38.96*	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.66*	
03 15 19 00-0058	EA	1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.50	
		For Galvanized, Add	*5.82*	
		For Stainless Steel, Add	*40.74*	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.95*	

03 15 19 00-0059 1-1/4" And 1-3/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0060	EA	1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	27.53	
		For Galvanized, Add	*6.01*	
		For Stainless Steel, Add	*42.07*	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.70*	
03 15 19 00-0061	EA	1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.47	
		For Galvanized, Add	*7.04*	
		For Stainless Steel, Add	*49.25*	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.29*	
		For >100, Deduct	*-4.58*	
03 15 19 00-0062	EA	1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.35	
		For Galvanized, Add	*7.97*	
		For Stainless Steel, Add	*55.76*	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.44*	
		For >100, Deduct	*-4.88*	
03 15 19 00-0063	EA	1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.54	
		For Galvanized, Add	*9.00*	
		For Stainless Steel, Add	*62.97*	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.21*	
03 15 19 00-0064	EA	1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	43.81	
		For Galvanized, Add	*9.79*	
		For Stainless Steel, Add	*68.50*	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-2.91*	
		For >100, Deduct	*-5.83*	
03 15 19 00-0065	EA	1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.66	
		For Galvanized, Add	*10.48*	
		For Stainless Steel, Add	*73.33*	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-3.29*	
		For >100, Deduct	*-6.59*	
03 15 19 00-0066	EA	1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	54.76	
		For Galvanized, Add	*11.22*	
		For Stainless Steel, Add	*78.51*	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-3.79*	
		For >100, Deduct	*-7.59*	
03 15 19 00-0067	EA	1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	63.59	
		For Galvanized, Add	*12.40*	
		For Stainless Steel, Add	*86.80*	
		For >10 To 50, Deduct	*-1.94*	
		For >50 To 100, Deduct	*-4.50*	
		For >100, Deduct	*-9.00*	
03 15 19 00-0068	EA	1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.54	
		For Galvanized, Add	*7.52*	
		For Stainless Steel, Add	*52.61*	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.85*	
03 15 19 00-0069	EA	1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	36.99	
		For Galvanized, Add	*8.80*	
		For Stainless Steel, Add	*61.57*	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.38*	
		For >100, Deduct	*-4.76*	
03 15 19 00-0070	EA	1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	40.33	
		For Galvanized, Add	*9.96*	
		For Stainless Steel, Add	*69.69*	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0071	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	44.03	
		For Galvanized, Add	*11.24*	
		For Stainless Steel, Add	*78.68*	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.72*	
		For >100, Deduct	*-5.43*	
03 15 19 00-0072	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.70	
		For Galvanized, Add	*12.23*	
		For Stainless Steel, Add	*85.61*	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.04*	
		For >100, Deduct	*-6.07*	
03 15 19 00-0073	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	53.91	
		For Galvanized, Add	*13.10*	
		For Stainless Steel, Add	*91.70*	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-3.43*	
		For >100, Deduct	*-6.85*	
03 15 19 00-0074	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	60.60	
		For Galvanized, Add	*14.14*	
		For Stainless Steel, Add	*98.95*	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-3.94*	
		For >100, Deduct	*-7.88*	
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	69.79	
		For Galvanized, Add	*15.50*	
		For Stainless Steel, Add	*108.50*	
		For >10 To 50, Deduct	*-1.94*	
		For >50 To 100, Deduct	*-4.65*	
		For >100, Deduct	*-9.31*	

03 15 19 00-0076 1-1/2", 1-3/4", And 2" Diameter *(03 15 19 00-0036)*

03 15 19 00-0077	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	38.47	
		For Galvanized, Add	*10.42*	
		For Stainless Steel, Add	*72.91*	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.28*	
		For >100, Deduct	*-4.57*	
03 15 19 00-0078	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.27	
		For Galvanized, Add	*10.93*	
		For Stainless Steel, Add	*76.48*	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-5.18*	
03 15 19 00-0079	EA	1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	46.85	
		For Galvanized, Add	*12.02*	
		For Stainless Steel, Add	*84.14*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-2.88*	
		For >100, Deduct	*-5.76*	
03 15 19 00-0080	EA	1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	50.50	
		For Galvanized, Add	*13.13*	
		For Stainless Steel, Add	*91.91*	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.08*	
		For >100, Deduct	*-6.16*	
03 15 19 00-0081	EA	1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	54.35	
		For Galvanized, Add	*14.25*	
		For Stainless Steel, Add	*99.72*	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-3.30*	
		For >100, Deduct	*-6.60*	
03 15 19 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	60.48	
		For Galvanized, Add	*15.32*	
		For Stainless Steel, Add	*107.24*	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.75*	
		For >100, Deduct	*-7.50*	
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	68.40	
		For Galvanized, Add	*16.57*	
		For Stainless Steel, Add	*115.99*	
		For >10 To 50, Deduct	*-1.76*	
		For >50 To 100, Deduct	*-4.35*	
		For >100, Deduct	*-8.71*	
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	79.86	
		For Galvanized, Add	*18.38*	
		For Stainless Steel, Add	*128.63*	
		For >10 To 50, Deduct	*-2.16*	
		For >50 To 100, Deduct	*-5.23*	
		For >100, Deduct	*-10.46*	
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	50.74	
		For Galvanized, Add	*15.67*	
		For Stainless Steel, Add	*109.69*	
		For >10 To 50, Deduct	*-0.97*	
		For >50 To 100, Deduct	*-2.72*	
		For >100, Deduct	*-5.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0086	EA	1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	53.57	
		For Galvanized, Add	*16.01*	
		For Stainless Steel, Add	*112.07*	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.96*	
		For >100, Deduct	*-5.91*	
03 15 19 00-0087	EA	1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	55.35	
		For Galvanized, Add	*16.27*	
		For Stainless Steel, Add	*113.89*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-3.09*	
		For >100, Deduct	*-6.19*	
03 15 19 00-0088	EA	1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	61.82	
		For Galvanized, Add	*18.79*	
		For Stainless Steel, Add	*131.53*	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-3.36*	
		For >100, Deduct	*-6.73*	
03 15 19 00-0089	EA	1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	71.09	
		For Galvanized, Add	*21.69*	
		For Stainless Steel, Add	*151.83*	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-3.86*	
		For >100, Deduct	*-7.71*	
03 15 19 00-0090	EA	1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	76.28	
		For Galvanized, Add	*21.98*	
		For Stainless Steel, Add	*153.83*	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-4.33*	
		For >100, Deduct	*-8.66*	
03 15 19 00-0091	EA	1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	86.25	
		For Galvanized, Add	*23.73*	
		For Stainless Steel, Add	*166.11*	
		For >10 To 50, Deduct	*-1.94*	
		For >50 To 100, Deduct	*-5.07*	
		For >100, Deduct	*-10.13*	
03 15 19 00-0092	EA	1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	99.61	
		For Galvanized, Add	*25.56*	
		For Stainless Steel, Add	*178.92*	
		For >10 To 50, Deduct	*-2.42*	
		For >50 To 100, Deduct	*-6.13*	
		For >100, Deduct	*-12.25*	
03 15 19 00-0093	EA	2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	70.52	
		For Galvanized, Add	*23.86*	
		For Stainless Steel, Add	*166.99*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-3.47*	
		For >100, Deduct	*-6.95*	
03 15 19 00-0094	EA	2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	77.44	
		For Galvanized, Add	*25.79*	
		For Stainless Steel, Add	*180.53*	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-3.88*	
		For >100, Deduct	*-7.75*	
03 15 19 00-0095	EA	2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	86.06	
		For Galvanized, Add	*28.11*	
		For Stainless Steel, Add	*196.77*	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-4.39*	
		For >100, Deduct	*-8.78*	
03 15 19 00-0096	EA	2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	94.80	
		For Galvanized, Add	*29.77*	
		For Stainless Steel, Add	*208.39*	
		For >10 To 50, Deduct	*-1.76*	
		For >50 To 100, Deduct	*-5.01*	
		For >100, Deduct	*-10.03*	
03 15 19 00-0097	EA	2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	102.77	
		For Galvanized, Add	*31.99*	
		For Stainless Steel, Add	*223.93*	
		For >10 To 50, Deduct	*-1.94*	
		For >50 To 100, Deduct	*-5.48*	
		For >100, Deduct	*-10.96*	
03 15 19 00-0098	EA	2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	111.43	
		For Galvanized, Add	*34.16*	
		For Stainless Steel, Add	*239.12*	
		For >10 To 50, Deduct	*-2.16*	
		For >50 To 100, Deduct	*-6.02*	
		For >100, Deduct	*-12.04*	
03 15 19 00-0099	EA	2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	128.79	
		For Galvanized, Add	*36.69*	
		For Stainless Steel, Add	*256.80*	
		For >10 To 50, Deduct	*-2.77*	
		For >50 To 100, Deduct	*-7.38*	
		For >100, Deduct	*-14.75*	
03 15 19 00-0100	EA	2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	136.08	
		For Galvanized, Add	*40.33*	
		For Stainless Steel, Add	*282.31*	
		For >10 To 50, Deduct	*-2.77*	
		For >50 To 100, Deduct	*-7.56*	
		For >100, Deduct	*-15.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0101	EA	2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	154.31	
		For Galvanized, Add	*44.83*	
		For Stainless Steel, Add	*313.81*	
		For >10 To 50, Deduct	*-3.23*	
		For >50 To 100, Deduct	*-8.71*	
		For >100, Deduct	*-17.41*	

03 15 19 00-0102 2-1/2" And 2-3/4" Diameter *(03 15 19 00-0036)*

03 15 19 00-0103	EA	2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	128.81	
		For Galvanized, Add	*53.00*	
		For Stainless Steel, Add	*371.00*	
		For >10 To 50, Deduct	*-1.14*	
		For >50 To 100, Deduct	*-4.93*	
		For >100, Deduct	*-9.86*	
03 15 19 00-0104	EA	2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	136.65	
		For Galvanized, Add	*55.40*	
		For Stainless Steel, Add	*387.77*	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-5.36*	
		For >100, Deduct	*-10.71*	
03 15 19 00-0105	EA	2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	149.99	
		For Galvanized, Add	*60.08*	
		For Stainless Steel, Add	*420.53*	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-5.99*	
		For >100, Deduct	*-11.98*	
03 15 19 00-0106	EA	2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	161.88	
		For Galvanized, Add	*63.31*	
		For Stainless Steel, Add	*443.17*	
		For >10 To 50, Deduct	*-1.76*	
		For >50 To 100, Deduct	*-6.69*	
		For >100, Deduct	*-13.38*	
03 15 19 00-0107	EA	2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	172.20	
		For Galvanized, Add	*66.71*	
		For Stainless Steel, Add	*466.94*	
		For >10 To 50, Deduct	*-1.94*	
		For >50 To 100, Deduct	*-7.21*	
		For >100, Deduct	*-14.43*	
03 15 19 00-0108	EA	2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	184.12	
		For Galvanized, Add	*70.51*	
		For Stainless Steel, Add	*493.54*	
		For >10 To 50, Deduct	*-2.16*	
		For >50 To 100, Deduct	*-7.84*	
		For >100, Deduct	*-15.67*	
03 15 19 00-0109	EA	2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	204.22	
		For Galvanized, Add	*74.40*	
		For Stainless Steel, Add	*520.80*	
		For >10 To 50, Deduct	*-2.77*	
		For >50 To 100, Deduct	*-9.26*	
		For >100, Deduct	*-18.52*	
03 15 19 00-0110	EA	2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	144.23	
		For Galvanized, Add	*60.00*	
		For Stainless Steel, Add	*419.97*	
		For >10 To 50, Deduct	*-1.21*	
		For >50 To 100, Deduct	*-5.42*	
		For >100, Deduct	*-10.85*	
03 15 19 00-0111	EA	2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	156.07	
		For Galvanized, Add	*64.18*	
		For Stainless Steel, Add	*449.26*	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-5.98*	
		For >100, Deduct	*-11.96*	
03 15 19 00-0112	EA	2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	169.13	
		For Galvanized, Add	*68.40*	
		For Stainless Steel, Add	*478.80*	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-6.65*	
		For >100, Deduct	*-13.31*	
03 15 19 00-0113	EA	2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	183.19	
		For Galvanized, Add	*72.20*	
		For Stainless Steel, Add	*505.40*	
		For >10 To 50, Deduct	*-1.94*	
		For >50 To 100, Deduct	*-7.49*	
		For >100, Deduct	*-14.98*	
03 15 19 00-0114	EA	2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	195.82	
		For Galvanized, Add	*76.36*	
		For Stainless Steel, Add	*534.49*	
		For >10 To 50, Deduct	*-2.16*	
		For >50 To 100, Deduct	*-8.13*	
		For >100, Deduct	*-16.26*	
03 15 19 00-0115	EA	2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	213.00	
		For Galvanized, Add	*82.26*	
		For Stainless Steel, Add	*575.79*	
		For >10 To 50, Deduct	*-2.42*	
		For >50 To 100, Deduct	*-8.96*	
		For >100, Deduct	*-17.92*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0116	EA	2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	238.20	
		For Galvanized, Add	*86.78*	
		For Stainless Steel, Add	*607.43*	
		For >10 To 50, Deduct	*-3.23*	
		For >50 To 100, Deduct	*-10.80*	
		For >100, Deduct	*-21.61*	

03 20 Concrete Reinforcing *(03)*

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars *(03 20)*

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars *(03 21)*

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.54
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.91
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.35
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.85
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.55
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.93
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.38
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.89
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.57
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.95
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.42
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.95
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.54
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.13
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.84
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar	4.67
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar	5.53
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar	7.63
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar	12.98
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.01
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.62
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.24
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.97
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.85
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.75
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	7.93
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	13.52
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.58
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.97
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.45
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.99
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.60
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.22
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.94
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.80
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.69
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	7.86
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	13.39

03 21 11 00-0040 Columns, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.57
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	0.97
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	1.43
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	1.96
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.58
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	0.99
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	1.46
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	2.00
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	0.60
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	1.01
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	1.50
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	2.06
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	2.67
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	3.28
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	4.02
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	4.87
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	5.76
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	7.94
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	13.45
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	2.12
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	2.75
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	3.39
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	4.15
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	5.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar	5.98	
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar	8.24	
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar	13.99	
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.61	
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.03	
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.53	
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.10	
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.73	
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.37	
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.12	
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	5.00	
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	5.92	
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	8.17	
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	13.86	

03 21 11 00-0079 Footings, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.49	
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	0.83	
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	1.24	
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	1.70	
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.50	
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	0.85	
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	1.27	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	1.74	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.52	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	0.87	
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	1.31	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	1.80	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	2.34	
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	2.91	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	3.57	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	4.36	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	5.19	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	7.19	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	12.27	
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	1.86	
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	2.42	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	3.02	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	3.70	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	4.54	
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	5.41	
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	7.49	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	12.81	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.53	
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.89	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.34	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.84	
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.40	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.00	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.67	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.49	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	5.35	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	7.42	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	12.68	

03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.47	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.80	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.19	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.64	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.48	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.82	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.22	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.68	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.50	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.84	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.26	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.74	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.27	
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.82	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.49	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.25	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	5.07	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	7.03	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	12.02	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	1.80	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.35	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.93	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.62	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.43	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	5.29	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	7.33	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	12.56	
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.51	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.86	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.29	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.78	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.33	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.91	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.59	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.38	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	5.23	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	7.26	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	12.43	

03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.43	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.74	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.12	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.54	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.44	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.76	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.15	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.58	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.46	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.78	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.19	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.64	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.14	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.66	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.30	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.05	
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.84	
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	6.74	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	11.55	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	1.70	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.22	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.77	
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.43	
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.23	
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	5.06	
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	7.04	
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	12.09	
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.47	
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.80	
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.22	
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.68	
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.20	
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.75	
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.40	
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.18	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	5.00	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	6.97	
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	11.96	

03 21 11 00-0196 Walls, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.42	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	0.72	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	1.07	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	1.49	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.43	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	0.74	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.10	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	1.53	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.45	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	0.76	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.14	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	1.59	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	2.07	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	2.59	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	3.22	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	3.95	
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	4.72	
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	6.59	
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	11.32	
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	1.65	
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	2.15	
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	2.70	
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	3.35	
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	4.13	
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	4.94	
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	6.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	11.86	
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.46	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.78	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.17	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.63	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.13	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.68	
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.32	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.08	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.88	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	6.82	
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	11.73	

03 21 11 00-0235 Mechanical Joint Connection *(03 21 11)*

03 21 11 00-0236 Thermal Type Mechanical Joint Connection *(03 21 11 00-0235)*

03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice	174.53	

03 21 11 00-0238 Screwed Type Mechanical Joint Connection *(03 21 11 00-0235)*

03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	95.98	

03 21 11 00-0240 Deformed Straight Dowels *(03 21 11)*

Note: Excludes drilling. See CSI section 02 41 19 13-0221 for drilling in concrete.

03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	2.32	
		For Up To 12" Length, Deduct	*-0.24*	
		For >12" To <24" Length, Deduct	*-0.12*	
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	2.75	
		For Up To 12" Length, Deduct	*-0.32*	
		For >12" To <24" Length, Deduct	*-0.16*	
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	3.31	
		For Up To 12" Length, Deduct	*-0.50*	
		For >12" To <24" Length, Deduct	*-0.25*	
03 21 11 00-0244	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel	3.98	
		For Up To 12" Length, Deduct	*-0.72*	
		For >12" To <24" Length, Deduct	*-0.36*	
03 21 11 00-0245	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel	4.64	
		For Up To 12" Length, Deduct	*-1.01*	
		For >12" To <24" Length, Deduct	*-0.51*	
03 21 11 00-0246	EA	1" Diameter x 24" Long, Deformed Straight Dowel	5.84	
		For Up To 12" Length, Deduct	*-1.30*	
		For >12" To <24" Length, Deduct	*-0.65*	
03 21 11 00-0247	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel	6.86	
		For Up To 12" Length, Deduct	*-1.60*	
		For >12" To <24" Length, Deduct	*-0.80*	
03 21 11 00-0248	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel	8.34	
		For Up To 12" Length, Deduct	*-2.09*	
		For >12" To <24" Length, Deduct	*-1.04*	
03 21 11 00-0249	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel	9.86	
		For Up To 12" Length, Deduct	*-2.58*	
		For >12" To <24" Length, Deduct	*-1.29*	

03 21 11 00-0250 Spirals, Reinforcing Steel *(03 21 11)*

03 21 11 00-0251	TON	Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	4,023.17	
		For Grade 75, Add	*194.39*	
03 21 11 00-0252	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,988.81	
		For Grade 75, Add	*194.39*	
03 21 11 00-0253	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,988.81	
		For Grade 75, Add	*194.39*	
03 21 11 00-0254	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,919.76	
		For Grade 75, Add	*194.39*	
03 21 11 00-0255	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,861.82	
		For Grade 75, Add	*194.39*	
03 21 11 00-0256	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,868.25	
		For Grade 75, Add	*199.17*	
03 21 11 00-0257	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,819.75	
		For Grade 75, Add	*199.17*	

03 21 13 Galvanized Reinforcement Steel Bars *(03 21)*

03 21 13 00-0001 Beams And Girders, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0002	LF	#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	0.65	
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.09	
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.64	
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.26	
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	0.66	
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.11	
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.67	
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.30	
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	0.67	
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.14	
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.36	
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.10	
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.87	
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	4.77	
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	5.86	
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	6.99	
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	9.73	
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	16.72	
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	2.42	
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.18	
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.98	
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.91	
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	6.03	
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	7.21	
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	10.04	
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	17.26	

03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	0.68	
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.15	
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.72	
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.37	
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	0.69	
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.17	
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.75	
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.41	
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	0.70	
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.20	
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.79	
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.47	
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.23	
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.02	
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.95	
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	6.06	
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	7.22	
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	10.04	
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	17.19	
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	2.53	
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.31	
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.13	
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.09	
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.23	
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	7.44	
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	10.35	
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	17.73	

03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.60	
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.01	
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.53	
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.11	
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.61	
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.03	
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.56	
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.15	
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.62	
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.06	
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.60	
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.21	
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.90	
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.65	
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.50	
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.55	
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.65	
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	9.29	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	16.01	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.27	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.98	
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.76	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.64	
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.72	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.87	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	9.60	
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	16.55	

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.58	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.98	
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.48	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.05	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.59	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.00	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.51	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.09	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.60	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.03	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.55	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.15	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.83	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.56	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.42	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	5.44	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	6.53	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	9.13	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	15.76	
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.21	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.91	
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.67	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.56	
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.61	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	6.75	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	9.44	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	16.30	

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.54	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.92	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.41	
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.95	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.55	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.94	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.44	
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.99	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.56	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.97	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.48	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.05	
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.70	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.40	
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.23	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.24	
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.30	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	8.84	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	15.29	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.11	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.78	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.51	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.37	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.41	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.52	
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	9.15	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	15.83	

03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.53	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.90	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.36	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.90	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.54	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.92	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.39	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.94	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.55	
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.95	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.43	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.00	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.63	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.33	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.15	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.14	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	6.18	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	8.69	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	15.06	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.06	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.71	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.44	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.29	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.31	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	6.40	
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	9.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	15.60	

03 21 16 Epoxy-Coated Reinforcement Steel Bars *(03 21)*

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.63	
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.07	
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.61	
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.22	
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.64	
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.09	
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.63	
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.26	
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.66	
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.12	
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.68	
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.32	
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.04	
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.79	
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.67	
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.73	
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.84	
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.50	
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	16.31	
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.38	
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.12	
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.90	
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.81	
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.90	
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.05	
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.81	
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	16.86	

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	0.66	
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.13	
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.69	
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.33	
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	0.67	
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.15	
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.71	
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.37	
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	0.69	
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.18	
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.76	
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.43	
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.17	
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.94	
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	4.85	
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.93	
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	7.07	
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	9.81	
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	16.78	
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	2.49	
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	3.25	
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.05	
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.99	
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	6.10	
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	7.28	
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	10.12	
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	17.33	

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.58	
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.99	
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.50	
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.07	
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.59	
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.01	
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.52	
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.11	
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.61	
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.04	
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.57	
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.17	
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.84	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.57	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.40	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	5.42	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	6.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	9.06	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	15.60	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	2.23	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	2.92	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.68	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	4.54	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	5.59	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	6.71	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	9.37	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	16.15	

03 21 16 00-0085 Slab On Grade, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.56	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.96	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.45	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.01	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.57	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.98	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.47	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.05	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.59	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.01	
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.52	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.11	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.77	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.48	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.32	
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.31	
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.38	
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	8.90	
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	15.35	
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.17	
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.85	
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.59	
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.46	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.48	
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.59	
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	9.21	
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	15.90	

03 21 16 00-0113 Elevated Slabs, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.52	
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.90	
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.38	
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.91	
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.53	
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.92	
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.40	
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.95	
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.55	
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.95	
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.45	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.01	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.64	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.32	
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.13	
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.11	
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.15	
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	8.61	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	14.88	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.07	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.72	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.43	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.27	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	5.28	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.36	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	8.92	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	15.43	

03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.51	
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.88	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.33	
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.86	
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.52	
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.90	
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.35	
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.90	
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.93	
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.40	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.96	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.57	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.25	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	4.05	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	5.01	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	6.03	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	8.46	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	14.65	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	2.02	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	2.65	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	3.36	
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	4.19	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	5.18	
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	6.24	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	8.77	
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	15.20	

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels *(03 21 16)*

Note: Excludes drilling. See CSI section 02 41 19 13-0221 for drilling in concrete.

03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	2.71	
		For Up To 12" Length, Deduct	*-0.34*	
		For >12" To <24" Length, Deduct	*-0.17*	
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	3.23	
		For Up To 12" Length, Deduct	*-0.51*	
		For >12" To <24" Length, Deduct	*-0.26*	
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	3.96	
		For Up To 12" Length, Deduct	*-0.76*	
		For >12" To <24" Length, Deduct	*-0.38*	
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	4.71	
		For Up To 12" Length, Deduct	*-1.02*	
		For >12" To <24" Length, Deduct	*-0.51*	
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	5.82	
		For Up To 12" Length, Deduct	*-1.38*	
		For >12" To <24" Length, Deduct	*-0.69*	
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	6.86	
		For Up To 12" Length, Deduct	*-1.70*	
		For >12" To <24" Length, Deduct	*-0.85*	
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	8.15	
		For Up To 12" Length, Deduct	*-2.06*	
		For >12" To <24" Length, Deduct	*-1.03*	
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	9.79	
		For Up To 12" Length, Deduct	*-2.50*	
		For >12" To <24" Length, Deduct	*-1.25*	

03 22 Fabric And Grid Reinforcing *(03 20)*

03 22 11 Plain Steel Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 11)*

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.66	
		For >5 Ton, Deduct	*-0.10*	
03 22 11 00-0003	SF	6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.75	
		For >5 Ton, Deduct	*-0.11*	
03 22 11 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	0.85	
		For >5 Ton, Deduct	*-0.13*	
03 22 11 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	0.99	
		For >5 Ton, Deduct	*-0.14*	
03 22 11 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.78	
		For >5 Ton, Deduct	*-0.12*	
03 22 11 00-0007	SF	4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.87	
		For >5 Ton, Deduct	*-0.13*	
03 22 11 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.08	
		For >5 Ton, Deduct	*-0.15*	
03 22 11 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.25	
		For >5 Ton, Deduct	*-0.17*	
03 22 11 00-0010	SF	2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9)	1.15	
		For >5 Ton, Deduct	*-0.15*	

03 22 13 Galvanized Welded Wire Fabric Reinforcing *(03 22)*

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.72	
		For >5 Ton, Deduct	*-0.11*	
03 22 13 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.82	
		For >5 Ton, Deduct	*-0.12*	
03 22 13 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	0.95	
		For >5 Ton, Deduct	*-0.14*	
03 22 13 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.12	
		For >5 Ton, Deduct	*-0.16*	
03 22 13 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.87	
		For >5 Ton, Deduct	*-0.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 22 13 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.98	
		For >5 Ton, Deduct	*-0.14*	
03 22 13 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.26	
		For >5 Ton, Deduct	*-0.17*	
03 22 13 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.48	
		For >5 Ton, Deduct	*-0.20*	

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF	2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5)	2.61	
		For >5 Ton, Deduct	*-0.41*	

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing *(03 22)*

03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 16)*

Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.71	
		For >5 Ton, Deduct	*-0.11*	
03 22 16 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.81	
		For >5 Ton, Deduct	*-0.12*	
03 22 16 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	0.93	
		For >5 Ton, Deduct	*-0.14*	
03 22 16 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.11	
		For >5 Ton, Deduct	*-0.16*	
03 22 16 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.86	
		For >5 Ton, Deduct	*-0.13*	
03 22 16 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.97	
		For >5 Ton, Deduct	*-0.14*	
03 22 16 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.24	
		For >5 Ton, Deduct	*-0.17*	
03 22 16 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.45	
		For >5 Ton, Deduct	*-0.19*	

03 30 Cast-In-Place Concrete *(03)*

03 30 53 Miscellaneous Cast-in-Place Concrete *(03 30)*

03 30 53 00-0001 Place Concrete Thrust Blocks And Backfill *(03 30 53)*

03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	221.46
		For 2,000 PSI Concrete, Deduct	*-8.02*
		For 2,500 PSI Concrete, Deduct	*-4.01*
		For 3,500 PSI Concrete, Add	*7.42*
		For 3,750 PSI Concrete, Add	*10.09*
		For 4,000 PSI Concrete, Add	*12.77*
		For 4,500 PSI Concrete, Add	*14.84*
		For 5,000 PSI Concrete, Add	*16.92*
		For 6,000 PSI Concrete, Add	*40.08*
		For 7,500 PSI Concrete, Add	*99.53*
		For White Cement Concrete, Add	*17.81*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*
		For Lightweight Aggregate, ASTM C330, Add	*44.53*

03 30 53 00-0003 Place Concrete Slurry *(03 30 53)*

Note: 2 bag cement per CY.

03 30 53 00-0004	CY	Direct Chute, Place 1,200 PSI Concrete Slurry	202.91
03 30 53 00-0005	CY	Concrete Pump, Place 1,200 PSI Concrete Slurry Note: Excludes pumping equipment.	190.71

03 30 53 00-0006 Hand Mix And Place Concrete *(03 30 53)*

03 30 53 00-0007	CF	Hand Mix And Place Concrete Note: For use where conventional equipment access is limited or when directed by the owner.	30.59
		For 2,000 PSI Concrete, Deduct	*-0.34*
		For 2,500 PSI Concrete, Deduct	*-0.17*
		For 3,500 PSI Concrete, Add	*0.32*

03 31 Structural Concrete *(03 30)*

03 31 13 Heavyweight Structural Concrete *(03 31)*

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Equipment Pads *(03 31 13)*

03 31 13 00-0002 Small Concrete Equipment Housekeeping Pad Assemblies *(03 31 13 00-0001)*

Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0003	SF	4" Equipment Pad With Welded Wire Reinforcement	15.47	
03 31 13 00-0004	SF	4" Equipment Pad With Rebar	19.15	
03 31 13 00-0005	SF	6" Equipment Pad With Rebar	24.15	
03 31 13 00-0006	SF	8" Equipment Pad With Rebar	30.40	

03 31 13 00-0007 Concrete Slab Assemblies *(03 31 13)*

03 31 13 00-0008 3,000 PSI Slab On Grade Concrete Slabs Assemblies *(03 31 13 00-0007)*

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0009	SF	4" 3,000 PSI Slab On Grade Concrete Slabs Assembly	6.74	
		For 2,000 PSI Concrete, Deduct	*-0.19*	
		For 2,500 PSI Concrete, Deduct	*-0.10*	
		For 3,500 PSI Concrete, Add	*0.07*	
		For 4,000 PSI Concrete, Add	*0.23*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*2.60*	
		For >500 To 1,000, Add	*1.80*	
		For >1,000 To 2,000, Add	*0.99*	
		For >2,000 To 5,000, Add	*0.49*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000 To 35,000, Deduct	*-0.35*	
		For >35,000 To 50,000, Deduct	*-0.52*	
		For >50,000 To 70,000, Deduct	*-0.69*	
		For >70,000, Deduct	*-0.85*	
03 31 13 00-0010	SF	5" 3,000 PSI Slab On Grade Concrete Slabs Assembly	7.37	
		For 2,000 PSI Concrete, Deduct	*-0.22*	
		For 2,500 PSI Concrete, Deduct	*-0.11*	
		For 3,500 PSI Concrete, Add	*0.08*	
		For 4,000 PSI Concrete, Add	*0.26*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*2.79*	
		For >500 To 1,000, Add	*1.93*	
		For >1,000 To 2,000, Add	*1.07*	
		For >2,000 To 5,000, Add	*0.53*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000 To 35,000, Deduct	*-0.39*	
		For >35,000 To 50,000, Deduct	*-0.57*	
		For >50,000 To 70,000, Deduct	*-0.76*	
		For >70,000, Deduct	*-0.94*	
03 31 13 00-0011	SF	6" 3,000 PSI Slab On Grade Concrete Slabs Assembly	8.29	
		For 2,000 PSI Concrete, Deduct	*-0.26*	
		For 2,500 PSI Concrete, Deduct	*-0.13*	
		For 3,500 PSI Concrete, Add	*0.09*	
		For 4,000 PSI Concrete, Add	*0.30*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.06*	
		For >500 To 1,000, Add	*2.12*	
		For >1,000 To 2,000, Add	*1.18*	
		For >2,000 To 5,000, Add	*0.59*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000 To 35,000, Deduct	*-0.45*	
		For >35,000 To 50,000, Deduct	*-0.65*	
		For >50,000 To 70,000, Deduct	*-0.86*	
		For >70,000, Deduct	*-1.07*	
03 31 13 00-0012	SF	7" 3,000 PSI Slab On Grade Concrete Slabs Assembly	9.15	
		For 2,000 PSI Concrete, Deduct	*-0.30*	
		For 2,500 PSI Concrete, Deduct	*-0.15*	
		For 3,500 PSI Concrete, Add	*0.10*	
		For 4,000 PSI Concrete, Add	*0.35*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.29*	
		For >500 To 1,000, Add	*2.29*	
		For >1,000 To 2,000, Add	*1.28*	
		For >2,000 To 5,000, Add	*0.64*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000 To 35,000, Deduct	*-0.50*	
		For >35,000 To 50,000, Deduct	*-0.73*	
		For >50,000 To 70,000, Deduct	*-0.96*	
		For >70,000, Deduct	*-1.19*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0013	SF	8" 3,000 PSI Slab On Grade Concrete Slabs Assembly	9.89	
		For 2,000 PSI Concrete, Deduct	*-0.33*	
		For 2,500 PSI Concrete, Deduct	*-0.16*	
		For 3,500 PSI Concrete, Add	*0.12*	
		For 4,000 PSI Concrete, Add	*0.38*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.50*	
		For >500 To 1,000, Add	*2.43*	
		For >1,000 To 2,000, Add	*1.37*	
		For >2,000 To 5,000, Add	*0.68*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000 To 35,000, Deduct	*-0.55*	
		For >35,000 To 50,000, Deduct	*-0.80*	
		For >50,000 To 70,000, Deduct	*-1.05*	
		For >70,000, Deduct	*-1.29*	
03 31 13 00-0014	SF	10" 3,000 PSI Slab On Grade Concrete Slabs Assembly	11.79	
		For 2,000 PSI Concrete, Deduct	*-0.42*	
		For 2,500 PSI Concrete, Deduct	*-0.21*	
		For 3,500 PSI Concrete, Add	*0.15*	
		For 4,000 PSI Concrete, Add	*0.49*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*3.99*	
		For >500 To 1,000, Add	*2.79*	
		For >1,000 To 2,000, Add	*1.59*	
		For >2,000 To 5,000, Add	*0.79*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000 To 35,000, Deduct	*-0.68*	
		For >35,000 To 50,000, Deduct	*-0.97*	
		For >50,000 To 70,000, Deduct	*-1.27*	
		For >70,000, Deduct	*-1.56*	
03 31 13 00-0015	SF	12" 3,000 PSI Slab On Grade Concrete Slabs Assembly	13.25	
		For 2,000 PSI Concrete, Deduct	*-0.48*	
		For 2,500 PSI Concrete, Deduct	*-0.24*	
		For 3,500 PSI Concrete, Add	*0.17*	
		For 4,000 PSI Concrete, Add	*0.56*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.13*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.40*	
		For Up To 500, Add	*4.40*	
		For >500 To 1,000, Add	*3.08*	
		For >1,000 To 2,000, Add	*1.76*	
		For >2,000 To 5,000, Add	*0.88*	
		For >10,000 To 20,000, Deduct	*-0.44*	
		For >20,000 To 35,000, Deduct	*-0.77*	
		For >35,000 To 50,000, Deduct	*-1.11*	
		For >50,000 To 70,000, Deduct	*-1.44*	
		For >70,000, Deduct	*-1.77*	

03 31 13 00-0016 Concrete Delivery And Placement *(03 31 13)*

Note: Includes cleaning out equipment and standard concrete placement tests. See CSI section 01 45 23 00-0000 for additional tests, 03 05 13 00-0001 for admixtures.

03 31 13 00-0017 Place Concrete By Method Indicated *(03 31 13 00-0016)*

Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0018 Place Concrete Pile Caps *(03 31 13 00-0017)*

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0019	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	249.44	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*40.40*	
		For >20 To 50, Add	*15.15*	
		For >100 To 200, Deduct	*-4.99*	
		For >200 To 400, Deduct	*-9.98*	
		For >400, Deduct	*-14.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0020	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	194.08	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*18.26*	
		For >20 To 50, Add	*6.85*	
		For >100 To 200, Deduct	*-3.88*	
		For >200 To 400, Deduct	*-7.76*	
		For >400, Deduct	*-11.64*	
03 31 13 00-0021	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps Note: Excludes pumping equipment.	204.27	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*17.38*	
		For >20 To 50, Add	*6.52*	
		For >100 To 200, Deduct	*-4.09*	
		For >200 To 400, Deduct	*-8.17*	
		For >400, Deduct	*-12.26*	

03 31 13 00-0022 Place Concrete Continuous Footings *(03 31 13 00-0017)*

03 31 13 00-0023	CY	Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings	238.21	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*35.91*	
		For >20 To 50, Add	*13.47*	
		For >100 To 200, Deduct	*-4.76*	
		For >200 To 400, Deduct	*-9.53*	
		For >400, Deduct	*-14.29*	
03 31 13 00-0024	CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings	189.01	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*16.23*	
		For >20 To 50, Add	*6.09*	
		For >100 To 200, Deduct	*-3.78*	
		For >200 To 400, Deduct	*-7.56*	
		For >400, Deduct	*-11.34*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0025	CY	Concrete Pump, Place 3,000 PSI Concrete Continuous Footings Note: Excludes pumping equipment.	199.45	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*15.46*	
		For >20 To 50, Add	*5.80*	
		For >100 To 200, Deduct	*-3.99*	
		For >200 To 400, Deduct	*-7.98*	
		For >400, Deduct	*-11.97*	

03 31 13 00-0026 Place Concrete Spread Footings *(03 31 13 00-0017)*

03 31 13 00-0027	CY	Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	299.94	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*60.60*	
		For >20 To 50, Add	*22.73*	
		For >100 To 200, Deduct	*-6.00*	
		For >200 To 400, Deduct	*-12.00*	
		For >400, Deduct	*-18.00*	
03 31 13 00-0028	CY	Direct Chute, Place 3,000 PSI Concrete Spread Footings	216.89	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*27.38*	
		For >20 To 50, Add	*10.27*	
		For >100 To 200, Deduct	*-4.34*	
		For >200 To 400, Deduct	*-8.68*	
		For >400, Deduct	*-13.01*	
03 31 13 00-0029	CY	Concrete Pump, Place 3,000 PSI Concrete Spread Footings Note: Excludes pumping equipment.	226.00	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*26.08*	
		For >20 To 50, Add	*9.78*	
		For >100 To 200, Deduct	*-4.52*	
		For >200 To 400, Deduct	*-9.04*	
		For >400, Deduct	*-13.56*	

03 31 13 00-0030 Place Concrete Mat Foundation *(03 31 13 00-0017)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0031	CY	Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation	175.37	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*10.77*	
		For >20 To 50, Add	*4.04*	
		For >100 To 200, Deduct	*-3.51*	
		For >200 To 400, Deduct	*-7.01*	
		For >400, Deduct	*-10.52*	
03 31 13 00-0032	CY	Direct Chute, Place 3,000 PSI Concrete Mat Foundation	160.62	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*4.87*	
		For >20 To 50, Add	*1.83*	
		For >100 To 200, Deduct	*-3.21*	
		For >200 To 400, Deduct	*-6.42*	
		For >400, Deduct	*-9.64*	
03 31 13 00-0033	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation Note: Excludes pumping equipment.	170.95	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*4.06*	
		For >20 To 50, Add	*1.52*	
		For >100 To 200, Deduct	*-3.42*	
		For >200 To 400, Deduct	*-6.84*	
		For >400, Deduct	*-10.26*	

03 31 13 00-0034 Place Concrete Grade Beams *(03 31 13 00-0017)*

03 31 13 00-0035	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	220.26	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*28.73*	
		For >20 To 50, Add	*10.77*	
		For >100 To 200, Deduct	*-4.41*	
		For >200 To 400, Deduct	*-8.81*	
		For >400, Deduct	*-13.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0036	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams	180.89	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*12.98*	
		For >20 To 50, Add	*4.87*	
		For >100 To 200, Deduct	*-3.62*	
		For >200 To 400, Deduct	*-7.24*	
		For >400, Deduct	*-10.85*	
03 31 13 00-0037	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams Note: Excludes pumping equipment.	191.72	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*12.36*	
		For >20 To 50, Add	*4.64*	
		For >100 To 200, Deduct	*-3.83*	
		For >200 To 400, Deduct	*-7.67*	
		For >400, Deduct	*-11.50*	

03 31 13 00-0038 Place Concrete Slab On Grade *(03 31 13 00-0017)*

03 31 13 00-0039	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	221.95	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*29.40*	
		For >20 To 50, Add	*11.03*	
		For >100 To 200, Deduct	*-4.44*	
		For >200 To 400, Deduct	*-8.88*	
		For >400, Deduct	*-13.32*	
03 31 13 00-0040	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	204.22	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*22.31*	
		For >20 To 50, Add	*8.37*	
		For >100 To 200, Deduct	*-4.08*	
		For >200 To 400, Deduct	*-8.17*	
		For >400, Deduct	*-12.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0041	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	181.65	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*13.28*	
		For >20 To 50, Add	*4.98*	
		For >100 To 200, Deduct	*-3.63*	
		For >200 To 400, Deduct	*-7.27*	
		For >400, Deduct	*-10.90*	
03 31 13 00-0042	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	173.64	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*10.08*	
		For >20 To 50, Add	*3.78*	
		For >100 To 200, Deduct	*-3.47*	
		For >200 To 400, Deduct	*-6.95*	
		For >400, Deduct	*-10.42*	
03 31 13 00-0043	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	188.49	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*11.07*	
		For >20 To 50, Add	*4.15*	
		For >100 To 200, Deduct	*-3.77*	
		For >200 To 400, Deduct	*-7.54*	
		For >400, Deduct	*-11.31*	
03 31 13 00-0044	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	181.81	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*8.40*	
		For >20 To 50, Add	*3.15*	
		For >100 To 200, Deduct	*-3.64*	
		For >200 To 400, Deduct	*-7.27*	
		For >400, Deduct	*-10.91*	

03 31 13 00-0045 Place Concrete Duct Bank *(03 31 13 00-0017)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0046	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	175.92	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*10.99*	
		For >20 To 50, Add	*4.12*	
		For >100 To 200, Deduct	*-3.52*	
		For >200 To 400, Deduct	*-7.04*	
		For >400, Deduct	*-10.56*	

03 31 13 00-0047 Place Concrete Stairs *(03 31 13 00-0017)*

03 31 13 00-0048	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs	479.18	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*132.30*	
		For >20 To 50, Add	*49.61*	
		For >100 To 200, Deduct	*-9.58*	
		For >200 To 400, Deduct	*-19.17*	
		For >400, Deduct	*-28.75*	
03 31 13 00-0049	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs	297.90	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*59.78*	
		For >20 To 50, Add	*22.42*	
		For >100 To 200, Deduct	*-5.96*	
		For >200 To 400, Deduct	*-11.92*	
		For >400, Deduct	*-17.87*	
03 31 13 00-0050	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs Note: Excludes pumping equipment.	285.38	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*49.83*	
		For >20 To 50, Add	*18.69*	
		For >100 To 200, Deduct	*-5.71*	
		For >200 To 400, Deduct	*-11.42*	
		For >400, Deduct	*-17.12*	

03 31 13 00-0051 Place Concrete Superstructure By Method Indicated *(03 31 13 00-0016)*

See CSI section 03 37 16 00-0001 for concrete pump truck.

03 31 13 00-0052 Place Elevated Concrete Beams *(03 31 13 00-0051)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0053	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	328.00	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*71.82*	
		For >20 To 50, Add	*26.93*	
		For >100 To 200, Deduct	*-6.56*	
		For >200 To 400, Deduct	*-13.12*	
		For >400, Deduct	*-19.68*	
03 31 13 00-0054	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams Note: Excludes pumping equipment.	238.07	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*30.90*	
		For >20 To 50, Add	*11.59*	
		For >100 To 200, Deduct	*-4.76*	
		For >200 To 400, Deduct	*-9.52*	
		For >400, Deduct	*-14.28*	

03 31 13 00-0055 Place Elevated Concrete Slab *(03 31 13 00-0051)*

03 31 13 00-0056	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	232.97	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*33.81*	
		For >20 To 50, Add	*12.68*	
		For >100 To 200, Deduct	*-4.66*	
		For >200 To 400, Deduct	*-9.32*	
		For >400, Deduct	*-13.98*	
03 31 13 00-0057	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	212.57	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*25.65*	
		For >20 To 50, Add	*9.62*	
		For >100 To 200, Deduct	*-4.25*	
		For >200 To 400, Deduct	*-8.50*	
		For >400, Deduct	*-12.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0058	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	197.19	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*14.55*	
		For >20 To 50, Add	*5.46*	
		For >100 To 200, Deduct	*-3.94*	
		For >200 To 400, Deduct	*-7.89*	
		For >400, Deduct	*-11.83*	
03 31 13 00-0059	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	188.41	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*11.04*	
		For >20 To 50, Add	*4.14*	
		For >100 To 200, Deduct	*-3.77*	
		For >200 To 400, Deduct	*-7.54*	
		For >400, Deduct	*-11.30*	

03 31 13 00-0060 Place Concrete Columns *(03 31 13 00-0051)*

03 31 13 00-0061	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	342.36	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*77.57*	
		For >20 To 50, Add	*29.09*	
		For >100 To 200, Deduct	*-6.85*	
		For >200 To 400, Deduct	*-13.69*	
		For >400, Deduct	*-20.54*	
03 31 13 00-0062	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	289.39	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*56.38*	
		For >20 To 50, Add	*21.14*	
		For >100 To 200, Deduct	*-5.79*	
		For >200 To 400, Deduct	*-11.58*	
		For >400, Deduct	*-17.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0063	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	251.51	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*41.23*	
		For >20 To 50, Add	*15.46*	
		For >100 To 200, Deduct	*-5.03*	
		For >200 To 400, Deduct	*-10.06*	
		For >400, Deduct	*-15.09*	
03 31 13 00-0064	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	234.63	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*34.48*	
		For >20 To 50, Add	*12.93*	
		For >100 To 200, Deduct	*-4.69*	
		For >200 To 400, Deduct	*-9.39*	
		For >400, Deduct	*-14.08*	
03 31 13 00-0065	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	244.25	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*33.38*	
		For >20 To 50, Add	*12.52*	
		For >100 To 200, Deduct	*-4.89*	
		For >200 To 400, Deduct	*-9.77*	
		For >400, Deduct	*-14.66*	
03 31 13 00-0066	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	221.47	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*24.26*	
		For >20 To 50, Add	*9.10*	
		For >100 To 200, Deduct	*-4.43*	
		For >200 To 400, Deduct	*-8.86*	
		For >400, Deduct	*-13.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0067	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	205.16	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*17.74*	
		For >20 To 50, Add	*6.65*	
		For >100 To 200, Deduct	*-4.10*	
		For >200 To 400, Deduct	*-8.21*	
		For >400, Deduct	*-12.31*	
03 31 13 00-0068	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	197.89	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*14.83*	
		For >20 To 50, Add	*5.56*	
		For >100 To 200, Deduct	*-3.96*	
		For >200 To 400, Deduct	*-7.92*	
		For >400, Deduct	*-11.87*	

03 31 13 00-0069 Place Concrete Walls *(03 31 13 00-0051)*

03 31 13 00-0070	CY	8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	330.24	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*72.72*	
		For >20 To 50, Add	*27.27*	
		For >100 To 200, Deduct	*-6.60*	
		For >200 To 400, Deduct	*-13.21*	
		For >400, Deduct	*-19.81*	
03 31 13 00-0071	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	315.16	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*66.69*	
		For >20 To 50, Add	*25.01*	
		For >100 To 200, Deduct	*-6.30*	
		For >200 To 400, Deduct	*-12.61*	
		For >400, Deduct	*-18.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0072	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	275.70	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*50.90*	
		For >20 To 50, Add	*19.09*	
		For >100 To 200, Deduct	*-5.51*	
		For >200 To 400, Deduct	*-11.03*	
		For >400, Deduct	*-16.54*	
03 31 13 00-0073	CY	8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	230.58	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*32.86*	
		For >20 To 50, Add	*12.32*	
		For >100 To 200, Deduct	*-4.61*	
		For >200 To 400, Deduct	*-9.22*	
		For >400, Deduct	*-13.83*	
03 31 13 00-0074	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	214.15	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*26.28*	
		For >20 To 50, Add	*9.86*	
		For >100 To 200, Deduct	*-4.28*	
		For >200 To 400, Deduct	*-8.57*	
		For >400, Deduct	*-12.85*	
03 31 13 00-0075	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	205.93	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*23.00*	
		For >20 To 50, Add	*8.62*	
		For >100 To 200, Deduct	*-4.12*	
		For >200 To 400, Deduct	*-8.24*	
		For >400, Deduct	*-12.36*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0076	CY	8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	239.04	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*31.29*	
		For >20 To 50, Add	*11.73*	
		For >100 To 200, Deduct	*-4.78*	
		For >200 To 400, Deduct	*-9.56*	
		For >400, Deduct	*-14.34*	
03 31 13 00-0077	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	223.39	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*25.03*	
		For >20 To 50, Add	*9.39*	
		For >100 To 200, Deduct	*-4.47*	
		For >200 To 400, Deduct	*-8.94*	
		For >400, Deduct	*-13.40*	
03 31 13 00-0078	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	215.57	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*21.90*	
		For >20 To 50, Add	*8.21*	
		For >100 To 200, Deduct	*-4.31*	
		For >200 To 400, Deduct	*-8.62*	
		For >400, Deduct	*-12.93*	

03 31 13 00-0079 Place Elevated Concrete Stairs *(03 31 13 00-0051)*

03 31 13 00-0080	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	515.98	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*147.02*	
		For >20 To 50, Add	*55.13*	
		For >100 To 200, Deduct	*-10.32*	
		For >200 To 400, Deduct	*-20.64*	
		For >400, Deduct	*-30.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0081	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs	314.50	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*66.42*	
		For >20 To 50, Add	*24.91*	
		For >100 To 200, Deduct	*-6.29*	
		For >200 To 400, Deduct	*-12.58*	
		For >400, Deduct	*-18.87*	
03 31 13 00-0082	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs Note: Excludes pumping equipment.	299.19	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*55.35*	
		For >20 To 50, Add	*20.76*	
		For >100 To 200, Deduct	*-5.98*	
		For >200 To 400, Deduct	*-11.97*	
		For >400, Deduct	*-17.95*	

03 31 13 00-0083 Place Concrete Coping *(03 31 13 00-0051)*

03 31 13 00-0084	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping	528.67	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*152.09*	
		For >20 To 50, Add	*57.03*	
		For >100 To 200, Deduct	*-10.57*	
		For >200 To 400, Deduct	*-21.15*	
		For >400, Deduct	*-31.72*	
03 31 13 00-0085	CY	Direct Chute, Place 3,000 PSI Concrete Coping	313.38	
		For 2,000 PSI Concrete, Deduct	*-8.02*	
		For 2,500 PSI Concrete, Deduct	*-4.01*	
		For 3,500 PSI Concrete, Add	*7.42*	
		For 3,750 PSI Concrete, Add	*10.09*	
		For 4,000 PSI Concrete, Add	*12.77*	
		For 4,500 PSI Concrete, Add	*14.84*	
		For 5,000 PSI Concrete, Add	*16.92*	
		For 6,000 PSI Concrete, Add	*40.08*	
		For 7,500 PSI Concrete, Add	*99.53*	
		For White Cement Concrete, Add	*17.81*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*19.30*	
		For High Early Strength, Type 3 ASTM C150, Add	*14.84*	
		For Lightweight Aggregate, ASTM C330, Add	*44.53*	
		For Up To 20, Add	*65.98*	
		For >20 To 50, Add	*24.74*	
		For >100 To 200, Deduct	*-6.27*	
		For >200 To 400, Deduct	*-12.54*	
		For >400, Deduct	*-18.80*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0086	CY	Concrete Pump, Place 3,000 PSI Concrete Coping Note: Excludes pumping equipment.	410.64	
		For 2,000 PSI Concrete, Deduct	*-8.68*	
		For 2,500 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Add	*8.04*	
		For 3,750 PSI Concrete, Add	*10.94*	
		For 4,000 PSI Concrete, Add	*13.83*	
		For 4,500 PSI Concrete, Add	*16.08*	
		For 5,000 PSI Concrete, Add	*18.33*	
		For 6,000 PSI Concrete, Add	*43.42*	
		For 7,500 PSI Concrete, Add	*107.82*	
		For White Cement Concrete, Add	*19.30*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*20.91*	
		For High Early Strength, Type 3 ASTM C150, Add	*16.08*	
		For Lightweight Aggregate, ASTM C330, Add	*48.24*	
		For Up To 20, Add	*99.93*	
		For >20 To 50, Add	*37.47*	
		For >100 To 200, Deduct	*-8.21*	
		For >200 To 400, Deduct	*-16.43*	
		For >400, Deduct	*-24.64*	

03 31 13 00-0087 Concrete Carts *(03 31 13 00-0016)*

Note: Used to place concrete were necessary.

03 31 13 00-0088	CY	50' Haul, Non Motorized, Concrete Buggy	19.83
03 31 13 00-0089	CY	150' Haul, Non Motorized, Concrete Buggy	26.55
03 31 13 00-0090	CY	250' Haul, Non Motorized, Concrete Buggy	35.41
03 31 13 00-0091	CY	50' Haul, Motorized, Concrete Buggy	9.01
03 31 13 00-0092	CY	150' Haul, Motorized, Concrete Buggy	12.08
03 31 13 00-0093	CY	250' Haul, Motorized, Concrete Buggy	16.10

03 31 13 00-0094 Delivery Fee For Small Purchases *(03 31 13)*

03 31 13 00-0095	CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	18.92

03 31 13 00-0096 Delivery Fee For Concrete, Per Truck Load *(03 31 13)*

03 31 13 00-0097	EA	Concrete Delivery Fee, Per Truck Note: To be added to all concrete leaving concrete yard	40.00

03 35 Concrete Finishing *(03 30)*

03 35 13 High-Tolerance Concrete Floor Finishing *(03 35)*

03 35 13 00-0001 Floor Finishes *(03 35 13)*

Note: Task is for final finish type and includes all required prior finishes.

03 35 13 00-0002	SF	Screed, Concrete Floor Finish	0.84
		For Up To 100, Add	*1.68*
		For >100 To 250, Add	*0.42*
		For >250 To 500, Add	*0.21*
		For >5,000 To 10,000, Deduct	*-0.04*
		For >10,000, Deduct	*-0.08*
03 35 13 00-0003	SF	Darby, Concrete Floor Finish	1.01
		For Up To 100, Add	*2.02*
		For >100 To 250, Add	*0.51*
		For >250 To 500, Add	*0.25*
		For >5,000 To 10,000, Deduct	*-0.05*
		For >10,000, Deduct	*-0.10*
03 35 13 00-0004	SF	Broom, Concrete Floor Finish	1.11
		For Up To 100, Add	*2.22*
		For >100 To 250, Add	*0.56*
		For >250 To 500, Add	*0.28*
		For >5,000 To 10,000, Deduct	*-0.06*
		For >10,000, Deduct	*-0.11*
03 35 13 00-0005	SF	Final Float, Concrete Floor Finish	1.29
		For Up To 100, Add	*2.58*
		For >100 To 250, Add	*0.65*
		For >250 To 500, Add	*0.32*
		For >5,000 To 10,000, Deduct	*-0.06*
		For >10,000, Deduct	*-0.13*
03 35 13 00-0006	SF	Steel Trowel, Concrete Floor Finish	1.46
		For Up To 100, Add	*2.92*
		For >100 To 250, Add	*0.73*
		For >250 To 500, Add	*0.37*
		For >5,000 To 10,000, Deduct	*-0.07*
		For >10,000, Deduct	*-0.15*

03 35 16 Heavy-Duty Concrete Floor Finishing *(03 35)*

03 35 16 00-0001 Shake On Floor Hardeners *(03 35 16)*

03 35 16 00-0002	SF	0.3 LB/SF, Metallic, Shake On Floor Hardener	1.05
03 35 16 00-0003	SF	0.65 LB/SF, Metallic, Shake On Floor Hardener	1.63
03 35 16 00-0004	SF	0.3 LB/SF, Non Metallic, Shake On Floor Hardener	0.99
03 35 16 00-0005	SF	0.65 LB/SF, Non Metallic, Shake On Floor Hardener	1.21

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 35 19 Colored Concrete Finishing *(03 35)*

03 35 19 00-0001 Concrete Surface Treatments *(03 35 19)*

03 35 19 00-0002	SF	Acrylic Latex Bonding Agent	0.41
03 35 19 00-0003	SF	Epoxy Resin Bonding Agent	2.17
03 35 19 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproofer	0.26
03 35 19 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproofer	0.27

03 35 23 Exposed Aggregate Concrete Finishing *(03 35)*

03 35 23 00-0001 Exposed Aggregate, Concrete Finish *(03 35 23)*

03 35 23 00-0002	SF	Exposed Aggregate, Concrete Floor Finish	2.42

03 35 26 Grooved Concrete Surface Finishing *(03 35)*

03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing *(03 35 26)*

03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing	3.51

03 35 29 Tooled Concrete Finishing *(03 35)*

03 35 29 00-0001 Solid Board Concrete Finish *(03 35 29)*

03 35 29 00-0002	SF	Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork	13.92

03 35 29 00-0003 Marblecrete Finishes *(03 35 29)*

03 35 29 00-0004	SF	2" Thick Marblecrete And Finish	35.66
03 35 29 00-0005	SF	4" Thick Marblecrete And Finish	47.79

03 35 33 Stamped Concrete Finishing *(03 35)*

03 35 33 00-0001 Stamped Concrete Finishes *(03 35 33)*

03 35 33 00-0002	SF	Up To 2,500 SF Stamped Concrete Finish	3.31
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish	2.99
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish	2.86

03 35 43 Polished Concrete Finishing *(03 35)*

03 35 43 00-0001 Concrete Floor Polishing System *(03 35 43)*

Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	1.55
		For Up To 500, Add	*3.01*
		For >500 To 1,000, Add	*2.79*
		For >1,000 To 2,500, Add	*1.84*
		For >2,500 To 4,000, Add	*0.96*
		For >8,000 To 15,000, Deduct	*-0.37*
		For >15,000 To 25,000, Deduct	*-0.47*
		For >25,000, Deduct	*-0.67*
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.24
		For Up To 500, Add	*2.41*
		For >500 To 1,000, Add	*2.23*
		For >1,000 To 2,500, Add	*1.48*
		For >2,500 To 4,000, Add	*0.77*
		For >8,000 To 15,000, Deduct	*-0.30*
		For >15,000 To 25,000, Deduct	*-0.38*
		For >25,000, Deduct	*-0.53*
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.03
		For Up To 500, Add	*2.00*
		For >500 To 1,000, Add	*1.85*
		For >1,000 To 2,500, Add	*1.23*
		For >2,500 To 4,000, Add	*0.64*
		For >8,000 To 15,000, Deduct	*-0.25*
		For >15,000 To 25,000, Deduct	*-0.31*
		For >25,000, Deduct	*-0.44*
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	0.95
		For Up To 500, Add	*1.84*
		For >500 To 1,000, Add	*1.71*
		For >1,000 To 2,500, Add	*1.13*
		For >2,500 To 4,000, Add	*0.59*
		For >8,000 To 15,000, Deduct	*-0.23*
		For >15,000 To 25,000, Deduct	*-0.29*
		For >25,000, Deduct	*-0.41*
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	0.88
		For Up To 500, Add	*1.71*
		For >500 To 1,000, Add	*1.58*
		For >1,000 To 2,500, Add	*1.05*
		For >2,500 To 4,000, Add	*0.55*
		For >8,000 To 15,000, Deduct	*-0.21*
		For >15,000 To 25,000, Deduct	*-0.27*
		For >25,000, Deduct	*-0.38*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	0.88	
		For Up To 500, Add	*1.71*	
		For >500 To 1,000, Add	*1.58*	
		For >1,000 To 2,500, Add	*1.05*	
		For >2,500 To 4,000, Add	*0.55*	
		For >8,000 To 15,000, Deduct	*-0.21*	
		For >15,000 To 25,000, Deduct	*-0.27*	
		For >25,000, Deduct	*-0.38*	
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	0.88	
		For Up To 500, Add	*1.71*	
		For >500 To 1,000, Add	*1.58*	
		For >1,000 To 2,500, Add	*1.05*	
		For >2,500 To 4,000, Add	*0.55*	
		For >8,000 To 15,000, Deduct	*-0.21*	
		For >15,000 To 25,000, Deduct	*-0.27*	
		For >25,000, Deduct	*-0.38*	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	0.88	
		For Up To 500, Add	*1.71*	
		For >500 To 1,000, Add	*1.58*	
		For >1,000 To 2,500, Add	*1.05*	
		For >2,500 To 4,000, Add	*0.55*	
		For >8,000 To 15,000, Deduct	*-0.21*	
		For >15,000 To 25,000, Deduct	*-0.27*	
		For >25,000, Deduct	*-0.38*	
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.18	
		For Up To 500, Add	*0.35*	
		For >500 To 1,000, Add	*0.32*	
		For >1,000 To 2,500, Add	*0.21*	
		For >2,500 To 4,000, Add	*0.11*	
		For >8,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 25,000, Deduct	*-0.05*	
		For >25,000, Deduct	*-0.08*	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier	0.24	
		For Up To 500, Add	*0.47*	
		For >500 To 1,000, Add	*0.43*	
		For >1,000 To 2,500, Add	*0.29*	
		For >2,500 To 4,000, Add	*0.15*	
		For >8,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 25,000, Deduct	*-0.07*	
		For >25,000, Deduct	*-0.10*	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector	0.24	
		For Up To 500, Add	*0.47*	
		For >500 To 1,000, Add	*0.43*	
		For >1,000 To 2,500, Add	*0.29*	
		For >2,500 To 4,000, Add	*0.15*	
		For >8,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 25,000, Deduct	*-0.07*	
		For >25,000, Deduct	*-0.10*	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up	0.12	
		For Up To 500, Add	*0.23*	
		For >500 To 1,000, Add	*0.22*	
		For >1,000 To 2,500, Add	*0.14*	
		For >2,500 To 4,000, Add	*0.07*	
		For >8,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 25,000, Deduct	*-0.04*	
		For >25,000, Deduct	*-0.05*	

03 35 63 Slip-Resistant Floor Finishing *(03 35)*

03 35 63 00-0001 Slip-Resistant Floor Finishing *(03 35 63)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	1.13	
		For Up To 100, Add	*1.60*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.20*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000, Deduct	*-0.08*	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.26	
		For Up To 100, Add	*1.60*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.20*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000, Deduct	*-0.08*	

03 35 66 Acid Etch Floor Finishing *(03 35)*

03 35 66 00-0001 Acid Etch Floor *(03 35 66)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	0.86	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000, Deduct	*-0.04*	

03 35 83 Concrete Wall Finishing *(03 35)*

03 35 83 00-0001 Wall Finishes *(03 35 83)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 83 00-0002		SF	Burlap Rub With Grout, New Concrete Wall Finishes	1.49	
			For Up To 100, Add	*2.80*	
			For >100 To 250, Add	*0.70*	
			For >250 To 500, Add	*0.35*	
			For >5,000 To 10,000, Deduct	*-0.07*	
			For >10,000, Deduct	*-0.14*	
03 35 83 00-0003		SF	1/16" Float Finish, New Concrete Wall Finishes	2.24	
			For Up To 100, Add	*4.22*	
			For >100 To 250, Add	*1.06*	
			For >250 To 500, Add	*0.53*	
			For >5,000 To 10,000, Deduct	*-0.11*	
			For >10,000, Deduct	*-0.21*	
03 35 83 00-0004		SF	Etch With Acid And Rinse, New Concrete Wall Finishes	0.94	
			For Up To 100, Add	*0.94*	
			For >100 To 250, Add	*0.24*	
			For >250 To 500, Add	*0.12*	
			For >5,000 To 10,000, Deduct	*-0.02*	
			For >10,000, Deduct	*-0.05*	
03 35 83 00-0005		SF	Bush Hammer Green Concrete, New Concrete Wall Finishes	4.49	
			For Up To 100, Add	*8.90*	
			For >100 To 250, Add	*2.23*	
			For >250 To 500, Add	*1.11*	
			For >5,000 To 10,000, Deduct	*-0.22*	
			For >10,000, Deduct	*-0.45*	
03 35 83 00-0006		SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes	6.98	
			For Up To 100, Add	*13.78*	
			For >100 To 250, Add	*3.45*	
			For >250 To 500, Add	*1.72*	
			For >5,000 To 10,000, Deduct	*-0.34*	
			For >10,000, Deduct	*-0.69*	
03 35 83 00-0007		SF	Break Ties And Patch, New Concrete Wall Finishes	0.87	
			For Up To 100, Add	*1.52*	
			For >100 To 250, Add	*0.38*	
			For >250 To 500, Add	*0.19*	
			For >5,000 To 10,000, Deduct	*-0.04*	
			For >10,000, Deduct	*-0.08*	
03 35 83 00-0008		SF	Carborundum Dry Rub, New Concrete Wall Finishes	2.92	
			For Up To 100, Add	*5.62*	
			For >100 To 250, Add	*1.41*	
			For >250 To 500, Add	*0.70*	
			For >5,000 To 10,000, Deduct	*-0.14*	
			For >10,000, Deduct	*-0.28*	
03 35 83 00-0009		SF	Carborundum Wet Rub, New Concrete Wall Finishes	4.44	
			For Up To 100, Add	*8.66*	
			For >100 To 250, Add	*2.17*	
			For >250 To 500, Add	*1.08*	
			For >5,000 To 10,000, Deduct	*-0.22*	
			For >10,000, Deduct	*-0.43*	
03 35 83 00-0010		SF	Up To 1/4" Penetration Sand Blasting, New Concrete Wall Finishes	2.80	
			For Up To 100, Add	*4.80*	
			For >100 To 250, Add	*1.20*	
			For >250 To 500, Add	*0.60*	
			For >5,000 To 10,000, Deduct	*-0.12*	
			For >10,000, Deduct	*-0.24*	
03 35 83 00-0011		SF	>1/4" To 1/2" Penetration Sand Blasting, New Concrete Wall Finishes	7.83	
			For Up To 100, Add	*14.08*	
			For >100 To 250, Add	*3.52*	
			For >250 To 500, Add	*1.76*	
			For >5,000 To 10,000, Deduct	*-0.35*	
			For >10,000, Deduct	*-0.70*	

03 37 Specialty Placed Concrete *(03 30)*

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete *(03 37)*

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair *(03 37 13)*

03 37 13 00-0002		SF	1" Thick Shotcrete, Fiber Reinforced	4.48	
			For Up To 25, Add	*0.69*	
			For >25 To 50, Add	*0.39*	
			For >50 To 150, Add	*0.12*	
			For High Strength Shotcrete Repair, Add	*1.22*	
			For Polymer Modified Shotcrete, Add	*1.18*	
03 37 13 00-0003		SF	1-1/2" Thick Shotcrete, Fiber Reinforced	6.39	
			For Up To 25, Add	*0.96*	
			For >25 To 50, Add	*0.53*	
			For >50 To 150, Add	*0.16*	
			For High Strength Shotcrete Repair, Add	*1.70*	
			For Polymer Modified Shotcrete, Add	*1.71*	
03 37 13 00-0004		SF	2" Thick Shotcrete, Fiber Reinforced	8.64	
			For Up To 25, Add	*1.31*	
			For >25 To 50, Add	*0.73*	
			For >50 To 150, Add	*0.22*	
			For High Strength Shotcrete Repair, Add	*2.32*	
			For Polymer Modified Shotcrete, Add	*2.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 13 00-0005	SF	2-1/2" Thick Shotcrete, Fiber Reinforced	10.39	
		For Up To 25, Add	*1.53*	
		For >25 To 50, Add	*0.85*	
		For >50 To 150, Add	*0.25*	
		For High Strength Shotcrete Repair, Add	*2.73*	
		For Polymer Modified Shotcrete, Add	*2.79*	
03 37 13 00-0006	SF	3" Thick Shotcrete, Fiber Reinforced	12.51	
		For Up To 25, Add	*1.85*	
		For >25 To 50, Add	*1.02*	
		For >50 To 150, Add	*0.30*	
		For High Strength Shotcrete Repair, Add	*3.30*	
		For Polymer Modified Shotcrete, Add	*3.36*	
03 37 13 00-0007	SF	4" Thick Shotcrete, Fiber Reinforced	16.15	
		For Up To 25, Add	*2.33*	
		For >25 To 50, Add	*1.28*	
		For >50 To 150, Add	*0.36*	
		For High Strength Shotcrete Repair, Add	*4.18*	
		For Polymer Modified Shotcrete, Add	*4.37*	
03 37 13 00-0008	SF	6" Thick Shotcrete, Fiber Reinforced	22.87	
		For Up To 25, Add	*3.15*	
		For >25 To 50, Add	*1.72*	
		For >50 To 150, Add	*0.43*	
		For High Strength Shotcrete Repair, Add	*5.73*	
		For Polymer Modified Shotcrete, Add	*6.28*	

03 37 13 00-0009 Gunite (Dry Mix Shotcrete), Sprayed *(03 37 13)*

See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0010	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed	4.19	
		For Radius Or Irregular Surface, Add	*0.90*	
		For Up To 25, Add	*0.76*	
		For >25 To 50, Add	*0.43*	
		For >50 To 150, Add	*0.17*	
03 37 13 00-0011	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	7.92	
		For Radius Or Irregular Surface, Add	*1.62*	
		For Up To 25, Add	*1.40*	
		For >25 To 50, Add	*0.80*	
		For >50 To 150, Add	*0.30*	
03 37 13 00-0012	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	11.27	
		For Radius Or Irregular Surface, Add	*2.18*	
		For Up To 25, Add	*1.95*	
		For >25 To 50, Add	*1.11*	
		For >50 To 150, Add	*0.41*	
03 37 13 00-0013	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed	14.30	
		For Radius Or Irregular Surface, Add	*2.62*	
		For Up To 25, Add	*2.41*	
		For >25 To 50, Add	*1.37*	
		For >50 To 150, Add	*0.49*	
03 37 13 00-0014	SF	5" Thick Gunite (Dry Mix Shotcrete), Sprayed	17.05	
		For Radius Or Irregular Surface, Add	*2.94*	
		For Up To 25, Add	*2.81*	
		For >25 To 50, Add	*1.59*	
		For >50 To 150, Add	*0.55*	
03 37 13 00-0015	SF	6" Thick Gunite (Dry Mix Shotcrete), Sprayed	19.58	
		For Radius Or Irregular Surface, Add	*3.18*	
		For Up To 25, Add	*3.15*	
		For >25 To 50, Add	*1.77*	
		For >50 To 150, Add	*0.60*	
03 37 13 00-0016	SF	8" Thick Gunite (Dry Mix Shotcrete), Sprayed	25.04	
		For Radius Or Irregular Surface, Add	*3.82*	
		For Up To 25, Add	*3.94*	
		For >25 To 50, Add	*2.21*	
		For >50 To 150, Add	*0.72*	
03 37 13 00-0017	SF	10" Thick Gunite (Dry Mix Shotcrete), Sprayed	30.11	
		For Radius Or Irregular Surface, Add	*4.29*	
		For Up To 25, Add	*4.62*	
		For >25 To 50, Add	*2.58*	
		For >50 To 150, Add	*0.80*	
03 37 13 00-0018	SF	12" Thick Gunite (Dry Mix Shotcrete), Sprayed	34.85	
		For Radius Or Irregular Surface, Add	*4.64*	
		For Up To 25, Add	*5.22*	
		For >25 To 50, Add	*2.90*	
		For >50 To 150, Add	*0.87*	

03 37 16 Pumped Concrete *(03 37)*

03 37 16 00-0001 Concrete Pumping With Boom Truck *(03 37 16)*

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0016 for concrete placement.

03 37 16 00-0002	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)	166.38	
03 37 16 00-0003	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	178.35	
03 37 16 00-0004	HR	90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	221.55	
03 37 16 00-0005	HR	105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	248.45	
03 37 16 00-0006	HR	120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	276.21	
03 37 16 00-0007	HR	135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	334.99	
03 37 16 00-0008	HR	148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	370.07	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 16 00-0009	HR	170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)	455.02	
03 37 16 00-0010	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump Note: Includes hoses	116.62	

03 39 Concrete Curing *(03 30)*

03 39 13 Water Concrete Curing *(03 39)*

03 39 13 00-0001 Water Concrete Curing *(03 39 13)*

03 39 13 00-0002	SF	Water Based Curing, Sealing, Hardening And Dustproofing Compound Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	0.24	

03 39 23 Membrane Concrete Curing *(03 39)*

03 39 23 23 Sheet Membrane Concrete Curing *(03 39 23)*

03 39 23 23-0001 Concrete Curing Materials And Compounds *(03 39 23 23)*

03 39 23 23-0002	CSF	7.5 Oz Burlap, Concrete Curing Blanket	22.45	
03 39 23 23-0003	CSF	9 Oz Burlap, Concrete Curing Blanket	21.75	
03 39 23 23-0004	CSF	12 Oz Burlap, Concrete Curing Blanket	25.04	
03 39 23 23-0005	CSF	2 Ply Reinforced, Concrete Curing Waterproof Paper	27.75	

03 39 23 23-0006 Cold Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0007	CSF	Electric, Cold Weather Concrete Curing Blanket	179.94	
03 39 23 23-0008	CSF	Non-Electric, Cold Weather Concrete Curing Blanket	25.36	

03 40 Precast Concrete *(03)*

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Material prices include the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete *(03 40)*

03 41 16 Precast Concrete Slabs *(03 41)*

03 41 16 00-0001 Flat Floor Slab/Floor Plank *(03 41 16)*

03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane *(03 41 16 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane	287.24	229.81
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	319.30	255.40
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	339.05	271.23
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane	359.44	287.56
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	384.66	307.71
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	411.11	328.88
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	441.45	353.14
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	480.12	384.07
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane	522.04	417.68

03 41 16 00-0012 Material Cost *(03 41 16 00-0001)*

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	23.82
		For 3,500 PSI Concrete, Add	*0.48*
		For 4,000 PSI Concrete, Add	*0.71*
		For 4,500 PSI Concrete, Add	*0.95*
		For 5,000 PSI Concrete, Add	*1.43*
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	28.58
		For 3,500 PSI Concrete, Add	*0.57*
		For 4,000 PSI Concrete, Add	*0.86*
		For 4,500 PSI Concrete, Add	*1.14*
		For 5,000 PSI Concrete, Add	*1.71*
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	34.93
		For 3,500 PSI Concrete, Add	*0.70*
		For 4,000 PSI Concrete, Add	*1.05*
		For 4,500 PSI Concrete, Add	*1.40*
		For 5,000 PSI Concrete, Add	*2.10*
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	46.36
		For 3,500 PSI Concrete, Add	*0.93*
		For 4,000 PSI Concrete, Add	*1.39*
		For 4,500 PSI Concrete, Add	*1.85*
		For 5,000 PSI Concrete, Add	*2.78*

03 41 16 00-0017 Floor Units, Combination Beam And Slab *(03 41 16)*

03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane *(03 41 16 00-0017)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane	354.44	283.54
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	386.32	309.09
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	426.99	341.54

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	474.12	379.27
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	532.95	426.32

03 41 16 00-0024 Erection Costs Using A 125 Ton Crawler Crane *(03 41 16 00-0017)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane	442.45	353.99
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	482.25	385.78
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane	533.01	426.44
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane	591.85	473.49
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane	665.29	532.28
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane	723.37	578.66
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane	799.52	639.61
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane	884.91	707.97
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane	1,001.59	801.28

03 41 16 00-0034 Material Cost *(03 41 16 00-0017)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.

03 41 16 00-0035 4" Slab *(03 41 16 00-0034)*

03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	2,508.74
		For 3,500 PSI Concrete, Add	*50.17*
		For 4,000 PSI Concrete, Add	*75.26*
		For 4,500 PSI Concrete, Add	*100.35*
		For 5,000 PSI Concrete, Add	*150.52*
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	2,540.50
		For 3,500 PSI Concrete, Add	*50.81*
		For 4,000 PSI Concrete, Add	*76.22*
		For 4,500 PSI Concrete, Add	*101.62*
		For 5,000 PSI Concrete, Add	*152.43*
03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	2,858.06
		For 3,500 PSI Concrete, Add	*57.16*
		For 4,000 PSI Concrete, Add	*85.74*
		For 4,500 PSI Concrete, Add	*114.32*
		For 5,000 PSI Concrete, Add	*171.48*

03 41 16 00-0039 5" Slab *(03 41 16 00-0034)*

03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	2,572.25
		For 3,500 PSI Concrete, Add	*51.45*
		For 4,000 PSI Concrete, Add	*77.17*
		For 4,500 PSI Concrete, Add	*102.89*
		For 5,000 PSI Concrete, Add	*154.34*
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	2,667.52
		For 3,500 PSI Concrete, Add	*53.35*
		For 4,000 PSI Concrete, Add	*80.03*
		For 4,500 PSI Concrete, Add	*106.70*
		For 5,000 PSI Concrete, Add	*160.05*
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	3,397.92
		For 3,500 PSI Concrete, Add	*67.96*
		For 4,000 PSI Concrete, Add	*101.94*
		For 4,500 PSI Concrete, Add	*135.92*
		For 5,000 PSI Concrete, Add	*203.88*

03 41 16 00-0043 6" Slab *(03 41 16 00-0034)*

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	2,667.52
		For 3,500 PSI Concrete, Add	*53.35*
		For 4,000 PSI Concrete, Add	*80.03*
		For 4,500 PSI Concrete, Add	*106.70*
		For 5,000 PSI Concrete, Add	*160.05*
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	3,175.62
		For 3,500 PSI Concrete, Add	*63.51*
		For 4,000 PSI Concrete, Add	*95.27*
		For 4,500 PSI Concrete, Add	*127.02*
		For 5,000 PSI Concrete, Add	*190.54*
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	3,874.26
		For 3,500 PSI Concrete, Add	*77.49*
		For 4,000 PSI Concrete, Add	*116.23*
		For 4,500 PSI Concrete, Add	*154.97*
		For 5,000 PSI Concrete, Add	*232.46*

03 41 19 Precast Concrete Wall Panels *(03 41)*

03 41 19 00-0001 Structural Wall Panels *(03 41 19)*

Note: Gray, smooth form or board finish one side.

03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	284.97	227.99
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	316.78	253.38
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	356.60	285.29
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	381.62	305.28
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	407.86	326.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	437.96	350.34
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	476.33	381.03
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	517.91	414.37

03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	318.84	255.04
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	354.44	283.54
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	398.98	319.23
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	426.99	341.54
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	456.34	365.07
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	490.03	392.04
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	532.95	426.32
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	579.48	463.54
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	640.47	512.42
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	708.88	567.07
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	802.35	641.91
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	912.68	730.15
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane	1,058.17	846.55

03 41 19 00-0025 Material Cost *(03 41 19 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	31.76
		For 3,500 PSI Concrete, Add	*0.64*
		For 4,000 PSI Concrete, Add	*0.95*
		For 4,500 PSI Concrete, Add	*1.27*
		For 5,000 PSI Concrete, Add	*1.91*
		For White Facing, Add	*6.35*
		For Solid White Through Thickness, Add	*6.35*
		For Broken Rib Finish, Add	*3.18*
		For Fluted Surface, Add	*3.18*
		For Exposed Aggregate, Add	*6.35*
		For Sandblasting Of Surface, Add	*3.18*
		For 2" Polystyrene Insulation, Add	*1.15*
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	39.06
		For 3,500 PSI Concrete, Add	*0.78*
		For 4,000 PSI Concrete, Add	*1.17*
		For 4,500 PSI Concrete, Add	*1.56*
		For 5,000 PSI Concrete, Add	*2.34*
		For White Facing, Add	*7.81*
		For Solid White Through Thickness, Add	*7.81*
		For Broken Rib Finish, Add	*3.91*
		For Fluted Surface, Add	*3.91*
		For Exposed Aggregate, Add	*7.81*
		For Sandblasting Of Surface, Add	*3.91*
		For 2" Polystyrene Insulation, Add	*1.15*
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	47.00
		For 3,500 PSI Concrete, Add	*0.94*
		For 4,000 PSI Concrete, Add	*1.41*
		For 4,500 PSI Concrete, Add	*1.88*
		For 5,000 PSI Concrete, Add	*2.82*
		For White Facing, Add	*9.40*
		For Solid White Through Thickness, Add	*9.40*
		For Broken Rib Finish, Add	*4.70*
		For Fluted Surface, Add	*4.70*
		For Exposed Aggregate, Add	*9.40*
		For Sandblasting Of Surface, Add	*4.70*
		For 2" Polystyrene Insulation, Add	*1.15*
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	61.92
		For 3,500 PSI Concrete, Add	*1.24*
		For 4,000 PSI Concrete, Add	*1.86*
		For 4,500 PSI Concrete, Add	*2.48*
		For 5,000 PSI Concrete, Add	*3.72*
		For White Facing, Add	*12.38*
		For Solid White Through Thickness, Add	*12.38*
		For Broken Rib Finish, Add	*6.19*
		For Fluted Surface, Add	*6.19*
		For Exposed Aggregate, Add	*12.38*
		For Sandblasting Of Surface, Add	*6.19*
		For 2" Polystyrene Insulation, Add	*1.15*

03 41 19 00-0030 Partition Panels *(03 41 19)*

03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane	230.99	184.76
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane	256.78	205.45
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane	289.05	231.23
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane	330.61	264.49
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane	355.01	284.04
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane	386.11	308.88
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane	419.81	335.89
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane	464.01	371.22

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0040		**Erection Costs Using 50 Ton Hydraulic Crane** *(03 41 19 00-0030)* Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	284.97	227.99
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	316.78	253.38
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	356.60	285.29
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	407.86	326.28
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	437.96	350.34
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	476.33	381.03
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	517.91	414.37
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	572.43	457.91
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane	633.56	506.86
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane	717.11	573.65
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane	815.70	652.57
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane	945.74	756.57
03 41 19 00-0053		**Material Cost** *(03 41 19 00-0030)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.		
03 41 19 00-0054	SF	4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	30.17	
		For 4,000 PSI Concrete, Add	*0.91*	
		For 4,500 PSI Concrete, Add	*1.21*	
		For 5,000 PSI Concrete, Add	*1.81*	
		For White Facing, Add	*6.03*	
		For Solid White Through Thickness, Add	*6.03*	
		For Broken Rib Finish, Add	*3.02*	
		For Fluted Surface, Add	*3.02*	
		For Exposed Aggregate, Add	*6.03*	
		For Sandblasting Of Surface, Add	*3.02*	
03 41 19 00-0055	SF	5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	37.15	
		For 4,000 PSI Concrete, Add	*1.11*	
		For 4,500 PSI Concrete, Add	*1.49*	
		For 5,000 PSI Concrete, Add	*2.23*	
		For White Facing, Add	*7.43*	
		For Solid White Through Thickness, Add	*7.43*	
		For Broken Rib Finish, Add	*3.72*	
		For Fluted Surface, Add	*3.72*	
		For Exposed Aggregate, Add	*7.43*	
		For Sandblasting Of Surface, Add	*3.72*	
03 41 19 00-0056	SF	6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	44.46	
		For 4,000 PSI Concrete, Add	*1.33*	
		For 4,500 PSI Concrete, Add	*1.78*	
		For 5,000 PSI Concrete, Add	*2.67*	
		For White Facing, Add	*8.89*	
		For Solid White Through Thickness, Add	*8.89*	
		For Broken Rib Finish, Add	*4.45*	
		For Fluted Surface, Add	*4.45*	
		For Exposed Aggregate, Add	*8.89*	
		For Sandblasting Of Surface, Add	*4.45*	
03 41 19 00-0057	SF	8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	58.75	
		For 4,000 PSI Concrete, Add	*1.76*	
		For 4,500 PSI Concrete, Add	*2.35*	
		For 5,000 PSI Concrete, Add	*3.53*	
		For White Facing, Add	*11.75*	
		For Solid White Through Thickness, Add	*11.75*	
		For Broken Rib Finish, Add	*5.88*	
		For Fluted Surface, Add	*5.88*	
		For Exposed Aggregate, Add	*11.75*	
		For Sandblasting Of Surface, Add	*5.88*	
03 41 19 00-0058		**Cladding Panels** *(03 41 19)*		
03 41 19 00-0059		**Erection Costs Using 50 Ton Hydraulic Crane** *(03 41 19 00-0058)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0060	EA	Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	300.72	240.53
03 41 19 00-0061	EA	Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	336.37	269.08
03 41 19 00-0062	EA	Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	381.62	305.28
03 41 19 00-0063	EA	Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	407.86	326.28
03 41 19 00-0064	EA	Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	437.96	350.34
03 41 19 00-0065	EA	Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	476.33	381.03
03 41 19 00-0066	EA	Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	517.91	414.37
03 41 19 00-0067	EA	Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	572.43	457.91
03 41 19 00-0068		**Erection Costs Using 90 Ton Crawler Crane** *(03 41 19 00-0058)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0069	EA	Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	336.48	269.14
03 41 19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	376.36	301.08
03 41 19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	426.99	341.54
03 41 19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	456.34	365.07
03 41 19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	490.03	392.04
03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	532.95	426.32
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane	579.48	463.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	640.47	512.42
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	708.88	567.07
03 41 19 00-0078	EA	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	802.35	641.91
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	912.68	730.15
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,058.17	846.55

03 41 19 00-0081 Material Cost *(03 41 19 00-0058)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	30.17
		For 3,500 PSI Concrete, Add	*0.60*
		For 4,000 PSI Concrete, Add	*0.91*
		For 4,500 PSI Concrete, Add	*1.21*
		For 5,000 PSI Concrete, Add	*1.81*
		For White Facing, Add	*6.03*
		For Solid White Through Thickness, Add	*6.03*
		For Broken Rib Finish, Add	*3.02*
		For Fluted Surface, Add	*3.02*
		For Exposed Aggregate, Add	*6.03*
		For Sandblasting Of Surface, Add	*3.02*
03 41 19 00-0083	SF	5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	37.15
		For 3,500 PSI Concrete, Add	*0.74*
		For 4,000 PSI Concrete, Add	*1.11*
		For 4,500 PSI Concrete, Add	*1.49*
		For 5,000 PSI Concrete, Add	*2.23*
		For White Facing, Add	*7.43*
		For Solid White Through Thickness, Add	*7.43*
		For Broken Rib Finish, Add	*3.72*
		For Fluted Surface, Add	*3.72*
		For Exposed Aggregate, Add	*7.43*
		For Sandblasting Of Surface, Add	*3.72*
03 41 19 00-0084	SF	6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	44.46
		For 3,500 PSI Concrete, Add	*0.89*
		For 4,000 PSI Concrete, Add	*1.33*
		For 4,500 PSI Concrete, Add	*1.78*
		For 5,000 PSI Concrete, Add	*2.67*
		For White Facing, Add	*8.89*
		For Solid White Through Thickness, Add	*8.89*
		For Broken Rib Finish, Add	*4.45*
		For Fluted Surface, Add	*4.45*
		For Exposed Aggregate, Add	*8.89*
		For Sandblasting Of Surface, Add	*4.45*
03 41 19 00-0085	SF	8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	58.75
		For 3,500 PSI Concrete, Add	*1.18*
		For 4,000 PSI Concrete, Add	*1.76*
		For 4,500 PSI Concrete, Add	*2.35*
		For 5,000 PSI Concrete, Add	*3.53*
		For White Facing, Add	*11.75*
		For Solid White Through Thickness, Add	*11.75*
		For Broken Rib Finish, Add	*5.88*
		For Fluted Surface, Add	*5.88*
		For Exposed Aggregate, Add	*11.75*
		For Sandblasting Of Surface, Add	*5.88*

03 41 19 00-0086 Sandwich Panel *(03 41 19)*

03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	300.72	240.53
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	336.37	269.08
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	381.62	305.28
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	407.86	326.28
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	437.96	350.34
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	476.33	381.03
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	517.91	414.37
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	572.43	457.91

03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	303.12	242.45
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	339.05	271.23
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	384.66	307.71
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	411.11	328.88
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	441.45	353.14
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	480.12	384.07
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	522.04	417.68
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	576.99	461.56
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	638.61	510.90
03 41 19 00-0106	EA	Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	722.82	578.22
03 41 19 00-0107	EA	Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	822.21	657.77
03 41 19 00-0108	EA	Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	953.28	762.60

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0109		Material Cost *(03 41 19 00-0086)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.		
03 41 19 00-0110	SF	4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	41.28	
		For 3,500 PSI Concrete, Add	*0.83*	
		For 4,000 PSI Concrete, Add	*1.24*	
		For 4,500 PSI Concrete, Add	*1.65*	
		For 5,000 PSI Concrete, Add	*2.48*	
		For White Facing, Add	*8.26*	
		For Solid White Through Thickness, Add	*8.26*	
		For Broken Rib Finish, Add	*4.13*	
		For Fluted Surface, Add	*4.13*	
		For Exposed Aggregate, Add	*8.26*	
		For Sandblasting Of Surface, Add	*4.13*	
03 41 19 00-0111	SF	5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	48.59	
		For 3,500 PSI Concrete, Add	*0.97*	
		For 4,000 PSI Concrete, Add	*1.46*	
		For 4,500 PSI Concrete, Add	*1.94*	
		For 5,000 PSI Concrete, Add	*2.92*	
		For White Facing, Add	*9.72*	
		For Solid White Through Thickness, Add	*9.72*	
		For Broken Rib Finish, Add	*4.86*	
		For Fluted Surface, Add	*4.86*	
		For Exposed Aggregate, Add	*9.72*	
		For Sandblasting Of Surface, Add	*4.86*	
03 41 19 00-0112	SF	6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	56.53	
		For 3,500 PSI Concrete, Add	*1.13*	
		For 4,000 PSI Concrete, Add	*1.70*	
		For 4,500 PSI Concrete, Add	*2.26*	
		For 5,000 PSI Concrete, Add	*3.39*	
		For White Facing, Add	*11.31*	
		For Solid White Through Thickness, Add	*11.31*	
		For Broken Rib Finish, Add	*5.65*	
		For Fluted Surface, Add	*5.65*	
		For Exposed Aggregate, Add	*11.31*	
		For Sandblasting Of Surface, Add	*5.65*	
03 41 19 00-0113	SF	8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	71.45	
		For 3,500 PSI Concrete, Add	*1.43*	
		For 4,000 PSI Concrete, Add	*2.14*	
		For 4,500 PSI Concrete, Add	*2.86*	
		For 5,000 PSI Concrete, Add	*4.29*	
		For White Facing, Add	*14.29*	
		For Solid White Through Thickness, Add	*14.29*	
		For Broken Rib Finish, Add	*7.15*	
		For Fluted Surface, Add	*7.15*	
		For Exposed Aggregate, Add	*14.29*	
		For Sandblasting Of Surface, Add	*7.15*	

03 41 23 Precast Concrete Stairs *(03 41)*

03 41 23 00-0001		Erection Costs Using A 50 Ton Hydraulic Crane *(03 41 23)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	316.78	253.38
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	336.37	269.08
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	356.60	285.29
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	381.62	305.28
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	407.86	326.28
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	437.96	350.34
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	476.33	381.03
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	517.91	414.37
03 41 23 00-0010		Erection Costs Using A 90 Ton Crawler Crane *(03 41 23)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane	316.78	253.38
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	336.37	269.08
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	356.60	285.29
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	381.62	305.28
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	407.86	326.28
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	437.96	350.34
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	476.33	381.03
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	517.91	414.37
03 41 23 00-0019		Material Cost *(03 41 23)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.		
03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser	636.43	
		For 3,500 PSI Concrete, Add	*83.05*	
		For 4,000 PSI Concrete, Add	*156.05*	
		For 4,500 PSI Concrete, Add	*229.37*	
		For 5,000 PSI Concrete, Add	*312.04*	

03 41 26 Precast Concrete Structural Sections *(03 41)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0001		Precast Beams, Girder And Joists *(03 41 26)*		
03 41 26 00-0002		Erection Costs Using A 90 Ton Crawler Crane *(03 41 26 00-0001)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0003	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	398.98	319.23
03 41 26 00-0004	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	426.99	341.54
03 41 26 00-0005	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane	456.34	365.07
03 41 26 00-0006	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane	490.03	392.04
03 41 26 00-0007		Erection Costs Using A 125 Ton Crawler Crane *(03 41 26 00-0001)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0008	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane	498.06	398.41
03 41 26 00-0009	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane	533.01	426.44
03 41 26 00-0010	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane	569.66	455.72
03 41 26 00-0011	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane	611.72	489.34
03 41 26 00-0012	EA	Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane	665.29	532.28
03 41 26 00-0013	EA	Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane	723.37	578.66
03 41 26 00-0014	EA	Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane	799.52	639.61
03 41 26 00-0015	EA	Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	884.91	707.97
03 41 26 00-0016		Material Cost *(03 41 26 00-0001)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
03 41 26 00-0017		1,000 LB/LF Live Load *(03 41 26 00-0016)*		
03 41 26 00-0018	LF	Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	127.27	
		For 3,500 PSI Concrete, Add	*3.47*	
		For 4,000 PSI Concrete, Add	*5.22*	
		For 4,500 PSI Concrete, Add	*6.95*	
		For 5,000 PSI Concrete, Add	*10.44*	
03 41 26 00-0019	LF	Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	159.08	
		For 3,500 PSI Concrete, Add	*4.34*	
		For 4,000 PSI Concrete, Add	*6.52*	
		For 4,500 PSI Concrete, Add	*8.69*	
		For 5,000 PSI Concrete, Add	*13.04*	
03 41 26 00-0020	LF	Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	190.90	
		For 3,500 PSI Concrete, Add	*5.21*	
		For 4,000 PSI Concrete, Add	*7.83*	
		For 4,500 PSI Concrete, Add	*10.42*	
		For 5,000 PSI Concrete, Add	*15.65*	
03 41 26 00-0021		3,000 LB/LF Live Load *(03 41 26 00-0016)*		
03 41 26 00-0022	LF	Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	159.08	
		For 3,500 PSI Concrete, Add	*4.34*	
		For 4,000 PSI Concrete, Add	*6.52*	
		For 4,500 PSI Concrete, Add	*8.69*	
		For 5,000 PSI Concrete, Add	*13.04*	
03 41 26 00-0023	LF	Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	190.90	
		For 3,500 PSI Concrete, Add	*5.21*	
		For 4,000 PSI Concrete, Add	*7.83*	
		For 4,500 PSI Concrete, Add	*10.42*	
		For 5,000 PSI Concrete, Add	*15.65*	
03 41 26 00-0024	LF	Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	254.53	
		For 3,500 PSI Concrete, Add	*6.95*	
		For 4,000 PSI Concrete, Add	*10.44*	
		For 4,500 PSI Concrete, Add	*13.90*	
		For 5,000 PSI Concrete, Add	*20.87*	
03 41 26 00-0025		5,000 LB/LF Live Load *(03 41 26 00-0016)*		
03 41 26 00-0026	LF	Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	222.72	
		For 3,500 PSI Concrete, Add	*6.08*	
		For 4,000 PSI Concrete, Add	*9.13*	
		For 4,500 PSI Concrete, Add	*12.16*	
		For 5,000 PSI Concrete, Add	*18.26*	
03 41 26 00-0027	LF	Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	254.53	
		For 3,500 PSI Concrete, Add	*6.95*	
		For 4,000 PSI Concrete, Add	*10.44*	
		For 4,500 PSI Concrete, Add	*13.90*	
		For 5,000 PSI Concrete, Add	*20.87*	
03 41 26 00-0028	LF	Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	318.17	
		For 3,500 PSI Concrete, Add	*8.69*	
		For 4,000 PSI Concrete, Add	*13.04*	
		For 4,500 PSI Concrete, Add	*17.37*	
		For 5,000 PSI Concrete, Add	*26.09*	
03 41 26 00-0029		Precast Concrete Columns *(03 41 26)*		
03 41 26 00-0030		Erection Costs Using A 90 Ton Crawler Crane *(03 41 26 00-0029)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031	EA	Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	229.99	183.97
03 41 26 00-0032	EA	Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	244.52	195.58

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0033	EA	Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	262.05	209.66
03 41 26 00-0034	EA	Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	281.09	224.88
03 41 26 00-0035	EA	Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	303.12	242.45
03 41 26 00-0036	EA	Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	328.88	263.11
03 41 26 00-0037	EA	Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	359.44	287.56

03 41 26 00-0038 Material Cost *(03 41 26 00-0029)*
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.

03 41 26 00-0039 12" x 12" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0040	CY	12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	658.71
		For 3,500 PSI Concrete, Add	*49.40*
		For 4,000 PSI Concrete, Add	*92.88*
		For 4,500 PSI Concrete, Add	*137.01*
		For 5,000 PSI Concrete, Add	*186.41*

03 41 26 00-0041 16" x 16" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0042	CY	16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	674.97
		For 3,500 PSI Concrete, Add	*50.62*
		For 4,000 PSI Concrete, Add	*95.17*
		For 4,500 PSI Concrete, Add	*140.39*
		For 5,000 PSI Concrete, Add	*191.02*

03 41 26 00-0043 20" x 20" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0044	CY	20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	676.28
		For 3,500 PSI Concrete, Add	*50.72*
		For 4,000 PSI Concrete, Add	*95.36*
		For 4,500 PSI Concrete, Add	*140.67*
		For 5,000 PSI Concrete, Add	*191.39*

03 41 26 00-0045 24" x 24" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0046	CY	24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	676.28
		For 3,500 PSI Concrete, Add	*50.72*
		For 4,000 PSI Concrete, Add	*95.36*
		For 4,500 PSI Concrete, Add	*140.67*
		For 5,000 PSI Concrete, Add	*191.39*

03 41 26 00-0047 28" x 28" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0048	CY	28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	676.28
		For 3,500 PSI Concrete, Add	*50.72*
		For 4,000 PSI Concrete, Add	*95.36*
		For 4,500 PSI Concrete, Add	*140.67*
		For 5,000 PSI Concrete, Add	*191.39*

03 41 26 00-0049 32" x 32" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0050	CY	32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	674.97
		For 3,500 PSI Concrete, Add	*50.62*
		For 4,000 PSI Concrete, Add	*95.17*
		For 4,500 PSI Concrete, Add	*140.39*
		For 5,000 PSI Concrete, Add	*191.02*

03 41 26 00-0051 36" x 36" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0052	CY	36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	676.28
		For 3,500 PSI Concrete, Add	*50.72*
		For 4,000 PSI Concrete, Add	*95.36*
		For 4,500 PSI Concrete, Add	*140.67*
		For 5,000 PSI Concrete, Add	*191.39*

03 41 33 Precast Structural Pretensioned Concrete *(03 41)*

03 41 33 00-0001 Slabs, Roof And Floor Members *(03 41 33)*

03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	13.62	1.88
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	16.94	1.88
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	20.27	1.98
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	23.60	2.07

03 41 33 00-0006 Tee Members *(03 41 33)*

03 41 33 00-0007 Multiple Tee, Roof And Floor *(03 41 33 00-0006)*

03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	30.44	2.44

03 41 33 00-0009 Double Tee Wall Member *(03 41 33 00-0006)*

03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	43.35	6.68

03 41 33 00-0011 Single Tee, Short Span, Roof Members *(03 41 33 00-0006)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	35.88	4.05
03 41 33 00-0013		**Single Tee, Long Span, Roof Members** *(03 41 33 00-0006)*		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	42.94	3.47
03 41 33 00-0015		**Prestressed Concrete Items** *(03 41 33)*		
03 41 33 00-0016		**Prestressed Quad Tee** *(03 41 33 00-0015)*		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	21.94	0.75
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	22.90	0.75
03 41 33 00-0019		**Prestressed Double Tee** *(03 41 33 00-0015)*		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members , 60' Span	36.45	0.66
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	50.16	0.66
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	24.93	1.12
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	38.54	0.75
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	27.04	1.51
03 41 33 00-0025		**Prestressed Single Tee** *(03 41 33 00-0015)*		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	43.21	1.70
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	49.97	1.03
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	66.08	0.94
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	69.58	0.94
03 41 33 00-0030		**Prestressed Double Tee Floor Members** *(03 41 33 00-0015)*		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	11,157.73	270.82
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	12,149.94	300.91
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	20,311.29	338.51
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	4,380.90	246.27
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	5,748.14	270.82
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	7,339.20	270.82
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	8,172.30	300.91
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	10,446.74	338.51
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	18,780.91	387.04
03 41 33 00-0040		**Prestressed Double Tee Roof Members** *(03 41 33 00-0015)*		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	8,771.15	270.82
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	11,513.52	300.91
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	18,879.34	338.51
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	5,876.50	246.27
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	6,193.64	270.82
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	6,861.88	270.82
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	7,058.56	300.91
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	9,333.00	338.51
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	16,076.12	387.04
03 41 33 00-0050		**Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab** *(03 41 33)*		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	23.18	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	24.14	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	25.29	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	26.14	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	27.94	
03 41 33 00-0056		**Double And Single Tees** *(03 41 33)*		
03 41 33 00-0057		**Double And Single Tees With 16" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	28.04	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	27.38	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	25.86	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	28.04	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	27.95	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	42.94	
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	41.99	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	39.32	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	42.94	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	40.27	
03 41 33 00-0068		**Double And Single Tees With 24" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	28.90	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	28.24	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	27.29	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	28.90	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	27.95	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	44.08	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	43.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	41.61	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	44.08	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	42.85	
03 41 33 00-0079		Double And Single Tees With 32" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	30.47	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	29.51	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	28.55	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	46.79	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	45.26	
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	43.44	

03 48 Precast Concrete Specialties *(03 40)*

03 48 16 Precast Concrete Splash Blocks *(03 48)*

03 48 16 00-0001 Precast Concrete Splash Blocks *(03 48 16)*

03 48 16 00-0002	EA	Precast Concrete Splash Blocks, Standard Size	30.16	3.19

03 48 21 Precast Concrete Handrails *(03 48)*

03 48 21 00-0001 Installation Cost *(03 48 21)*

Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.

03 48 21 00-0002	EA	Install Precast Handrails, 0-2 Ton/Handrail	131.26	59.10
03 48 21 00-0003	EA	Install Precast Handrails, Over 2 Ton/Handrail	157.43	70.82

03 48 21 00-0004 Material Cost *(03 48 21)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.

03 48 21 00-0005	CY	4" Thick 3,000 PSI Concrete Precast Concrete Handrail	2,513.95
		For 3,500 PSI Concrete, Add	*164.04*
		For 4,000 PSI Concrete, Add	*308.21*
		For 4,500 PSI Concrete, Add	*453.01*
		For 5,000 PSI Concrete, Add	*616.29*
03 48 21 00-0006	CY	5" Thick 3,000 PSI Concrete Precast Concrete Handrail	2,609.42
		For 3,500 PSI Concrete, Add	*170.26*
		For 4,000 PSI Concrete, Add	*319.91*
		For 4,500 PSI Concrete, Add	*470.22*
		For 5,000 PSI Concrete, Add	*639.70*
03 48 21 00-0007	CY	6" Thick 3,000 PSI Concrete Precast Concrete Handrail	2,704.88
		For 3,500 PSI Concrete, Add	*176.49*
		For 4,000 PSI Concrete, Add	*331.62*
		For 4,500 PSI Concrete, Add	*487.42*
		For 5,000 PSI Concrete, Add	*663.10*
03 48 21 00-0008	CY	8" Thick 3,000 PSI Concrete Precast Concrete Handrail	2,832.17
		For 3,500 PSI Concrete, Add	*184.80*
		For 4,000 PSI Concrete, Add	*347.22*
		For 4,500 PSI Concrete, Add	*510.36*
		For 5,000 PSI Concrete, Add	*694.31*

03 48 22 Precast Concrete Sun Screen And Trellis *(03 48)*

03 48 22 00-0001 Sun Screen Blades *(03 48 22)*

03 48 22 00-0002 Installation Cost *(03 48 22 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.

03 48 22 00-0003	EA	Install Precast Sun Screen Blade, 0-1 Ton/Each	65.64	29.55
03 48 22 00-0004	EA	Install Precast Sun Screen Blade, 1-2 Ton/Each	78.85	35.46
03 48 22 00-0005	EA	Install Precast Sun Screen Blade, 2-3 Ton/Each	98.52	44.37

03 48 22 00-0006 Material Cost *(03 48 22 00-0001)*

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 22 00-0007	CY	4" Thick 3,000 PSI Concrete Precast Sun Screen Blades	2,673.06
		For 3,500 PSI Concrete, Add	*174.42*
		For 4,000 PSI Concrete, Add	*327.72*
		For 4,500 PSI Concrete, Add	*481.69*
		For 5,000 PSI Concrete, Add	*655.30*
03 48 22 00-0008	CY	5" Thick 3,000 PSI Concrete Precast Sun Screen Blades	2,768.53
		For 3,500 PSI Concrete, Add	*180.65*
		For 4,000 PSI Concrete, Add	*339.42*
		For 4,500 PSI Concrete, Add	*498.89*
		For 5,000 PSI Concrete, Add	*678.71*
03 48 22 00-0009	CY	6" Thick 3,000 PSI Concrete Precast Sun Screen Blades	2,895.82
		For 3,500 PSI Concrete, Add	*188.95*
		For 4,000 PSI Concrete, Add	*355.03*
		For 4,500 PSI Concrete, Add	*521.83*
		For 5,000 PSI Concrete, Add	*709.91*
03 48 22 00-0010	CY	8" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,023.11
		For 3,500 PSI Concrete, Add	*197.26*
		For 4,000 PSI Concrete, Add	*370.63*
		For 4,500 PSI Concrete, Add	*544.76*
		For 5,000 PSI Concrete, Add	*741.12*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0011		Sun Screen/Trellis Units *(03 48 22)*		
03 48 22 00-0012		Installation Cost Using A 50 Ton Hydraulic Crane *(03 48 22 00-0011)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013	EA	Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	300.72	135.30
03 48 22 00-0014	EA	Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	336.37	151.42
03 48 22 00-0015	EA	Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	381.62	171.71
03 48 22 00-0016	EA	Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	407.86	183.53
03 48 22 00-0017		Material Cost *(03 48 22 00-0011)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018	CY	4" Thick 3,000 PSI Concrete Precast Trellises Blades	3,086.75	
		For 3,500 PSI Concrete, Add	*201.41*	
		For 4,000 PSI Concrete, Add	*378.44*	
		For 4,500 PSI Concrete, Add	*556.23*	
		For 5,000 PSI Concrete, Add	*756.72*	
03 48 22 00-0019	CY	5" Thick 3,000 PSI Concrete Precast Trellises Blades	3,182.22	
		For 3,500 PSI Concrete, Add	*207.64*	
		For 4,000 PSI Concrete, Add	*390.14*	
		For 4,500 PSI Concrete, Add	*573.44*	
		For 5,000 PSI Concrete, Add	*780.12*	
03 48 22 00-0020	CY	6" Thick 3,000 PSI Concrete Precast Trellises Blades	3,309.51	
		For 3,500 PSI Concrete, Add	*215.95*	
		For 4,000 PSI Concrete, Add	*405.75*	
		For 4,500 PSI Concrete, Add	*596.37*	
		For 5,000 PSI Concrete, Add	*811.33*	
03 48 22 00-0021	CY	8" Thick 3,000 PSI Concrete Precast Trellises Blades	3,468.62	
		For 3,500 PSI Concrete, Add	*226.33*	
		For 4,000 PSI Concrete, Add	*425.25*	
		For 4,500 PSI Concrete, Add	*625.05*	
		For 5,000 PSI Concrete, Add	*850.33*	
03 48 24		**Precast Minaret Segments** *(03 48)*		
03 48 24 00-0001		Installation Costs Using A 50 Ton Hydraulic Crane *(03 48 24)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 24 00-0002		L - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0003	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	292.63	234.11
03 48 24 00-0004	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	327.92	262.35
03 48 24 00-0005	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	370.77	296.61
03 48 24 00-0006	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	395.50	316.40
03 48 24 00-0007		O - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0008	EA	Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	309.27	247.46
03 48 24 00-0009	EA	Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	347.11	277.64
03 48 24 00-0010	EA	Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	393.11	314.45
03 48 24 00-0011	EA	Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	421.01	336.79
03 48 24 00-0012		Platform Segment *(03 48 24 00-0001)*		
03 48 24 00-0013	EA	Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	593.24	474.64
03 48 24 00-0014	EA	Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	717.11	573.65
03 48 24 00-0015	EA	Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	795.81	636.66
03 48 24 00-0016	EA	Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	893.92	715.17
03 48 24 00-0017		Cap Segment *(03 48 24 00-0001)*		
03 48 24 00-0018	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	324.65	259.70
03 48 24 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	362.54	289.98
03 48 24 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	413.01	330.36
03 48 24 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	440.92	352.69
03 48 24 00-0022		Installation Costs Using A 90 Ton Crawler Crane *(03 48 24)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023		L - Shaped Segments *(03 48 24 00-0022)*		
03 48 24 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	294.96	235.98
03 48 24 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	330.54	264.45
03 48 24 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	373.73	298.98
03 48 24 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	398.65	318.92
03 48 24 00-0028		O - Shaped Segment *(03 48 24 00-0022)*		
03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	311.74	249.44
03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	349.88	279.85
03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	396.24	316.96
03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane	424.36	339.47
03 48 24 00-0033		Platform Segment *(03 48 24 00-0022)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	476.65	381.29
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	576.99	461.56
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	638.61	510.90
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	722.82	578.22
03 48 24 00-0038		Cap Segment *(03 48 24 00-0022)*		
03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	327.24	261.77
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	365.43	292.29
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	416.31	332.99
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	444.44	355.51
03 48 24 00-0043		Material Costs *(03 48 24)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments Including Post Tension Cost, 3,000 PSI Concrete	7,636.89	
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments Including Post Tension Cost, 3,000 PSI Concrete	7,636.89	
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments Including Post Tension Cost, 3,000 PSI Concrete	7,636.89	
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments Including Post Tension Cost, 3,000 PSI Concrete	7,636.89	
03 48 29		**Precast Accessories** *(03 48)*		
		Note: Includes installation labor, material and equipment.		
03 48 29 00-0001		Bearing Pads For Precast Members *(03 48 29)*		
03 48 29 00-0002		Continuous 2" Wide Strips *(03 48 29 00-0001)*		
03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips Note: For precast members	1.27	
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips Note: For precast members.	1.87	
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips Note: For precast members	3.18	
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips Note: For precast members	4.51	
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips Note: For precast members	5.90	
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips Note: For precast members	8.52	
03 48 29 00-0009		Bearing Pad Pipe Supports *(03 48 29)*		
03 48 29 00-0010	LF	4" x 4" Precast Pipe Support	8.86	
03 48 46		**Precast Skylight Shells** *(03 48)*		
03 48 46 00-0001		Installation Cost Using A 90 Ton Crawler Crane *(03 48 46)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	426.99	192.17
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	474.12	213.36
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	532.95	239.83
03 48 46 00-0005		Material Cost *(03 48 46)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 46 00-0006	CY	3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	3,195.03	
03 48 49		**Precast Landings** *(03 48)*		
03 48 49 00-0001	SF	3" Thick Precast Landing	79.83	
03 48 49 00-0002	SF	4" Thick Precast Landing	93.08	
03 48 49 00-0003	SF	5" Thick Precast Landing	105.74	
03 48 49 00-0004	SF	6" Thick Precast Landing	121.91	
03 48 54		**Precast Concrete Blocks** *(03 48)*		
03 48 54 00-0001		Precast Concrete Blocks *(03 48 54)*		
03 48 54 00-0002	EA	2' x 2' x 2' Precast Concrete Block	90.20	34.04
03 48 54 00-0003	EA	2' x 2' x 4' Precast Concrete Block	128.70	42.55
03 48 54 00-0004	EA	2' x 2' x 8' Precast Concrete Block	214.02	51.06

03 50 Cast Decks And Underlayment *(03)*

03 51 Cast Roof Decks *(03 50)*

03 51 13 Cementitious Wood Fiber Decks *(03 51)*

03 51 13 00-0001		Cement Fiber Tongue And Groove Planks *(03 51 13)*		
03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.27	
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.40	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.57	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.05	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.57	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.17	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.90	
03 51 13 00-0009		Bulb Tees, Sub-Purlins And Grout *(03 51 13)*		
03 51 13 00-0010	SF	6' Span Bulb Tee, Sub-Purlins, Grout, Cement Wood Fiber System	1.30	
03 51 13 00-0011	SF	8' Span Bulb Tee, Sub-Purlins, Grout, Cement Wood Fiber System	2.03	
03 51 16		**Gypsum Concrete Roof Decks** *(03 51)*		
03 51 16 00-0001		Class A Gypsum Fill Concrete Deck *(03 51 16)*		
03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	8.83	0.46
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	10.96	0.54
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	13.07	0.61
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	15.22	0.70
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	17.37	0.77
03 51 16 00-0007		Form Board For Lightweight Deck *(03 51 16)*		
03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	1.71	
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	2.21	
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	4.34	
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	1.88	0.51
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	2.25	0.51
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	2.45	0.51
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	3.00	0.51
03 51 16 00-0015		Board Deck Supports For Form Board *(03 51 16)*		
03 51 16 00-0016	SF	Gypsum Deck Form Board Supports, 5' Bulb Tee 40 LB/SF, Span	0.70	0.19
03 51 16 00-0017	SF	Gypsum Deck Form Board, Supports, 8' Bulb Tee 40 LB/SF Span	1.17	0.28
03 51 16 00-0018		Gypsum Plank *(03 51 16)*		
03 51 16 00-0019	SF	Insulating Concrete Gypsum Plank, 2" Thick Roof Deck	3.43	
03 51 16 00-0020	SF	Insulating Concrete Gypsum Plank, 3" Thick Roof Deck	4.52	

03 53 Concrete Topping *(03 50)*

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping *(03 53)*

03 53 14 00-0001 Granolithic Topping Laid After *(03 53 14)*

Note: Using 1:1:1-1/2 mix.

03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	3.57	
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	3.87	
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.89	

03 53 19 Concrete Overlayment *(03 53)*

03 53 19 00-0001 Integral Topping Including Hard Trowel Finish *(03 53 19)*

Note: Using 1:1:2 mix.

03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.13	
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.40	
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.80	
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.33	
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.75	
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.10	
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.62	

03 54 Cast Underlayment *(03 50)*

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment *(03 54)*

03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors *(03 54 16)*

Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	1.95	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	3.00	
03 54 16 00-0004	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	5.11	
03 54 16 00-0005	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	7.21	
03 54 16 00-0006	SF	1" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	9.31	
03 54 16 00-0007	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	12.11	
03 54 16 00-0008	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	13.53	
03 54 16 00-0009	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation	17.74	

03 60 Grouting *(03)*

03 61 Cementitious Grouting *(03 60)*

Note: 1 part cement to 3 parts sand by volume.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 61 16		**Cementitious Flowable Grout** *(03 61)*		
03 61 16 00-0001		Cementitious Flowable Grout *(03 61 16)*		
03 61 16 00-0002	CY	Cementitious Flowable Grout	388.99	
03 62		Non-Shrink Grouting *(03 60)*		
03 62 13		**Non-Metallic Non-Shrink Grouting** *(03 62)*		
03 62 13 00-0001		Fluid Type, Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*		
03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	22.16	
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	32.96	
03 62 13 00-0004		Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*		
03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	34.01	
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	54.71	
03 62 13 00-0007		Non-Metallic Non-Shrink Grouting For Joints *(03 62 13)*		
03 62 13 00-0008		1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*		
03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	1.73	
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.26	
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.00	
03 62 13 00-0012		1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*		
03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	2.56	
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	3.43	
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	4.56	
03 62 16		**Metallic Non-Shrink Grouting** *(03 62)*		
03 62 16 00-0001		Metallic Non-Shrink Grouting For Bases *(03 62 16)*		
03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases	28.65	
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases	44.32	
03 62 16 00-0004		Metallic Non-Shrink Grouting For Joints *(03 62 16)*		
03 62 16 00-0005		1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*		
03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.40	
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	1.76	
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.35	
03 62 16 00-0009		1" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*		
03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	1.91	
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.42	
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	3.23	
03 64		Injection Grouting *(03 60)*		
		Note: By volume of void filled. Includes injection ports.		
03 64 23		**Epoxy Injection Grouting** *(03 64)*		
03 64 23 00-0001		Pressure Injected Epoxy Grout *(03 64 23)*		
03 64 23 00-0002	CF	Pressure Injected Epoxy Grout	1,125.99	
		For >4, Deduct	*-119.49*	
03 64 26		**Cementitious Injection Grouting** *(03 64)*		
03 64 26 00-0001		Pressure Injected Cementitious Grout *(03 64 26)*		
03 64 26 00-0002	CF	Pressure Injected Cementitious Grout	143.54	
		For >4, Deduct	*-34.55*	
03 80		Concrete Cutting And Boring *(03)*		
03 81		Concrete Cutting *(03 80)*		
03 81 13		**Flat Concrete Sawing** *(03 81)*		
		See CSI section 02 41 19 13-0001 for saw cutting.		
03 81 16		**Track Mounted Concrete Wall Sawing** *(03 81)*		
		See CSI section 02 41 19 13-0001 for saw cutting.		
03 82		Concrete Boring *(03 80)*		
03 82 13		**Concrete Core Drilling** *(03 82)*		
		See CSI section 02 41 19 13-0024 for core drilling.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 03

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MINOR CSI UOM DESCRIPTION — TOTAL DIRECT UNIT COST — DEMOLITION UNIT COST

04 Masonry

04 01 Maintenance Of Masonry *(04)*

04 01 20 Maintenance Of Unit Masonry *(04 01)*

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization *(04 01 20)*

04 01 20 41-0001 Unit Masonry Stabilization (Helifix®) *(04 01 20 41)*

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0004 EA 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 21.04
For Up To 10, Add *8.97*
For >10 To 50, Add *4.49*

04 01 20 41-0005 EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 30.56
For Up To 10, Add *8.97*
For >10 To 50, Add *4.49*

04 01 20 41-0006 EA 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 40.90
For Up To 10, Add *8.97*
For >10 To 50, Add *4.49*

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0008 EA 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 23.10
For Up To 10, Add *8.97*
For >10 To 50, Add *4.49*

04 01 20 41-0009 EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 34.22
For Up To 10, Add *8.97*
For >10 To 50, Add *4.49*

04 01 20 41-0010 EA 8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 46.39
For Up To 10, Add *8.97*
For >10 To 50, Add *4.49*

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0013 EA 4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 55.57
For Up To 10, Add *35.88*
For >10 To 50, Add *17.94*

04 01 20 41-0014 EA 4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 60.98
For Up To 10, Add *35.88*
For >10 To 50, Add *17.94*

04 01 20 41-0015 EA 4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 186.47
For Up To 10, Add *35.88*
For >10 To 50, Add *17.94*

04 01 20 41-0016 EA 6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 55.57
For Up To 10, Add *35.88*
For >10 To 50, Add *17.94*

04 01 20 41-0017 EA 6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 60.98
For Up To 10, Add *35.88*
For >10 To 50, Add *17.94*

04 01 20 41-0018 EA 6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 67.13
For Up To 10, Add *35.88*
For >10 To 50, Add *17.94*

04 01 20 41-0019 EA 6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 78.70
For Up To 10, Add *35.88*
For >10 To 50, Add *17.94*

04 01 20 41-0020 EA 6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 186.47
For Up To 10, Add *35.88*
For >10 To 50, Add *17.94*

04 01 20 41-0021 316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0022 EA 4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 58.52
For Up To 10, Add *35.88*
For >10 To 50, Add *17.94*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	64.91	
		For Up To 10, Add	*35.88*	
		For >10 To 50, Add	*17.94*	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	211.01	
		For Up To 10, Add	*35.88*	
		For >10 To 50, Add	*17.94*	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	58.52	
		For Up To 10, Add	*35.88*	
		For >10 To 50, Add	*17.94*	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	64.91	
		For Up To 10, Add	*35.88*	
		For >10 To 50, Add	*17.94*	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	72.04	
		For Up To 10, Add	*35.88*	
		For >10 To 50, Add	*17.94*	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	85.57	
		For Up To 10, Add	*35.88*	
		For >10 To 50, Add	*17.94*	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	211.01	
		For Up To 10, Add	*35.88*	
		For >10 To 50, Add	*17.94*	

04 01 20 41-0030 Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.

04 01 20 41-0031 304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*

04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.57	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.54	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.51	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.48	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.45	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.42	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.57	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.54	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.51	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.48	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.45	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.39	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.57	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.51	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.96	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	

04 01 20 41-0047 316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*

04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.57	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.54	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.51	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.48	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.45	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.42	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.57	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.54	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.51	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.48	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.45	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.39	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.57	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.51	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.96	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	

04 01 20 41-0063 Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.

04 01 20 41-0064 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0065	EA	8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.29	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.64	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.71	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.85	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.10	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.32	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.42	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.56	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.18	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.27	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.01	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.64	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.19	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.09	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.78	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.03	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.41	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.78	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.12	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.42	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.62	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.75	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.98	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.07	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.51	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0090	EA	10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.14	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0091	EA	10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.66	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0092	EA	10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.32	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0093	EA	10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.89	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0094	EA	10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.89	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0095	EA	10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	20.99	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0096	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.22	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0097	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.45	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0098	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.59	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0099	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.70	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0100	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.01	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0101	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.50	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0102	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.68	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.18	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.80	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.23	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.53	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.72	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.86	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.18	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.43	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*2.69*	
		For >10 To 50, Add	*1.35*	

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.84	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.28	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.37	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.54	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.86	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.12	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.26	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.43	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.07	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.19	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.12	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.90	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.58	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.96	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0126	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.88	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0127	EA	8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	20.69	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0128	EA	10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.07	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0129	EA	10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.49	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0130	EA	10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.92	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0131	EA	10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.30	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0132	EA	10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.54	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0133	EA	10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.70	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0134	EA	10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.99	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0135	EA	10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.10	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0136	EA	10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.61	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.32	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.97	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.79	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.25	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	20.39	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	24.26	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.11	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.35	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.52	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.66	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.05	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.67	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.87	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.48	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.73	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.27	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.64	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.89	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.05	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.45	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
		For Metal Stud Clip, Add	*2.36*	
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®) Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	4.85	
		For Up To 10, Add	*2.69*	
		For >10 To 50, Add	*1.35*	

04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.

04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.94	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.99	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	

04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.24	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.31	
		For Up To 10, Add	*5.38*	
		For >10 To 50, Add	*2.69*	

04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.

04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	44.77	
		For Up To 10, Add	*35.88*	
		For >10 To 50, Add	*17.94*	

04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	46.12	
		For Up To 10, Add	*35.88*	
		For >10 To 50, Add	*17.94*	

04 01 20 41-0170 Unit Masonry Stabilization *(04 01 20 41)*

04 01 20 41-0171 Repair Bulging Or Loose Masonry *(04 01 20 41-0170)*

04 01 20 41-0172	SF	Repair Bulging Or Loose Masonry Using Existing Masonry Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.	69.02	
04 01 20 41-0173	SF	Repair Bulging Or Loose Masonry Using New Masonry Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.	75.54	

04 01 20 51 Unit Masonry Maintenance *(04 01 20)*

04 01 20 51-0001 Grind Unit Masonry *(04 01 20 51)*

04 01 20 51-0002	SF	Grind Smooth Masonry Wall	3.25	

04 01 20 91 Unit Masonry Restoration *(04 01 20)*

04 01 20 91-0001 Cut And Repoint Masonry *(04 01 20 91)*

Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.

04 01 20 91-0002	SF	Cut And Repoint Brick, Hard Intact Mortar, Running Bond	8.86	
		For Common Bond, Add	*0.34*	
		For Flemish Bond, Add	*1.18*	
		For English Bond, Add	*1.93*	
		For Oversized Or Larger Than Standard, Deduct	*-1.33*	
		For >250 To 1,000, Deduct	*-0.42*	
		For >1,000, Deduct	*-0.86*	
04 01 20 91-0003	SF	Cut And Repoint Brick, Soft, Loose Or Crumbling Mortar, Running Bond	6.16	
		For Common Bond, Add	*0.23*	
		For Flemish Bond, Add	*0.80*	
		For English Bond, Add	*1.31*	
		For Oversized Or Larger Than Standard, Deduct	*-0.92*	
		For >250 To 1,000, Deduct	*-0.29*	
		For >1,000, Deduct	*-0.59*	
04 01 20 91-0004	SF	Cut And Repoint Concrete Block, Hard Intact Mortar, Running Bond	4.54	
		For Common Bond, Add	*0.16*	
		For Oversized Or Larger Than Standard, Deduct	*-0.68*	
		For >250 To 1,000, Deduct	*-0.20*	
		For >1,000, Deduct	*-0.43*	
04 01 20 91-0005	SF	Cut And Repoint Concrete Block, Soft, Loose Or Crumbling Mortar, Running Bond	3.24	
		For Common Bond, Add	*0.11*	
		For Oversized Or Larger Than Standard, Deduct	*-0.49*	
		For >250 To 1,000, Deduct	*-0.14*	
		For >1,000, Deduct	*-0.30*	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area	2.63	

04 01 20 91-0007 Repair Masonry *(04 01 20 91)*

Note: Includes mortar for repair.

04 01 20 91-0008	SF	Patch And Repair Terra Cotta Walls Or Coping, Including Replacement Of Damaged Material	14.81	
04 01 20 91-0009	SF	Patch And Repair Terra Cotta Floors, Including Replacement Of Damaged Material	13.67	
04 01 20 91-0010	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"	4.08	
04 01 20 91-0011	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	6.92	
04 01 20 91-0012	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	25.39	
		For Cracks Accessible From Both Sides, Add	*5.14*	
04 01 20 91-0013	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	23.33	
		For Cracks Accessible From Both Sides, Add	*5.14*	
04 01 20 91-0014	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52)	6.61	
		For V-Grooving Crack With Grinder, Add	*4.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 91-0015	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52)	8.97	
		For V-Grooving Crack With Grinder, Add	*4.43*	

04 01 50 Maintenance of Refractory Masonry *(04 01)*

04 01 50 52 Refractory Masonry Cleaning *(04 01 50)*

04 01 50 52-0001 Chimney Cleaning *(04 01 50 52)*

04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning	5.67	
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning	11.33	
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning	16.99	

04 05 Common Work Results For Masonry *(04)*

04 05 13 Masonry Mortaring *(04 05)*

04 05 13 26 Engineered Masonry Mortaring *(04 05 13)*

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001 Masonry Cement Mortar *(04 05 13 26)*

Note: Ratio is bag material to sand.

04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix	5.53	
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix	5.11	
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix	5.24	
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	5.74	
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix	6.05	

04 05 13 26-0007 Mortar Admixture *(04 05 13 26)*

04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar	0.37	
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.07	

04 05 13 26-0010 Color Admixtures For Mortar *(04 05 13 26)*

Note: Costs are based on CF of mortar.

04 05 13 26-0011	CF	Buff Colored Admixture	2.32	
04 05 13 26-0012	CF	Brown Colored Admixture	2.63	
04 05 13 26-0013	CF	Black Colored Admixture	3.25	
04 05 13 26-0014	CF	Red Colored Admixture	7.11	

04 05 13 26-0015 Portland Cement *(04 05 13 26)*

04 05 13 26-0016	CF	Normal Portland Cement (Type I)	12.33	
04 05 13 26-0017	CF	Modified Portland Cement (Type II)	6.15	
04 05 13 26-0018	CF	High Early Strength Portland Cement (Type III)	6.53	
04 05 13 26-0019	CF	White Non Staining Portland Cement (Type I)	13.66	

04 05 16 Masonry Grouting *(04 05)*

04 05 16 26 Engineered Masonry Grouting *(04 05 16)*

Note: Does not include reinforcement.

04 05 16 26-0001 Grout Bond Beams And Lintels, Grout Fill *(04 05 16 26)*

Note: Excludes block.

04 05 16 26-0002	LF	Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep	3.89	
04 05 16 26-0003	LF	Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	4.26	
04 05 16 26-0004	LF	Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	4.75	
04 05 16 26-0005	LF	Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	5.31	

04 05 16 26-0006 Grout Concrete Block Cores, Grout Fill *(04 05 16 26)*

Note: Per SF of face area filled.

04 05 16 26-0007	SF	Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF)	3.04	
04 05 16 26-0008	SF	Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF)	4.42	
04 05 16 26-0009	SF	Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)	6.31	
04 05 16 26-0010	SF	Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF)	7.75	
04 05 16 26-0011	SF	Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF)	9.16	

04 05 16 26-0012 Grout Cavity Walls, Grout Fill *(04 05 16 26)*

Note: Per SF of face area filled.

04 05 16 26-0013	SF	Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF)	3.59	
04 05 16 26-0014	SF	Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF)	5.05	
04 05 16 26-0015	SF	Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF)	6.35	
04 05 16 26-0016	SF	Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF)	8.61	

04 05 16 26-0017 Grout Frames, Grout Fill *(04 05 16 26)*

04 05 16 26-0018	LF	Grout Door Frames - Grout Fill	5.68	
04 05 16 26-0019	LF	Grout Window Frames - Grout Fill	4.87	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 16 26-0020 Sand Filled Walls *(04 05 16 26)*

04 05 16 26-0021 Sand Fill Cavity Walls, Sand Fill *(04 05 16 26-0020)*
Note: Per SF of face area filled.

04 05 16 26-0022	SF	Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)	2.98	
04 05 16 26-0023	SF	Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)	4.11	
04 05 16 26-0024	SF	Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)	5.06	
04 05 16 26-0025	SF	Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)	6.75	

04 05 19 Masonry Anchorage And Reinforcing *(04 05)*

04 05 19 13 Continuous Joint Reinforcing *(04 05 19)*
Note: Includes cutting and bending.

04 05 19 13-0001 Continuous Joint Reinforcing *(04 05 19 13)*

04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*

04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0004 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	58.11	
		For Hot-Dipped Galvanized, Add	*11.50*	
		For Stainless Steel, Add	*46.00*	
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	61.67	
		For Hot-Dipped Galvanized, Add	*12.08*	
		For Stainless Steel, Add	*48.32*	
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	66.38	
		For Hot-Dipped Galvanized, Add	*12.73*	
		For Stainless Steel, Add	*50.92*	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	71.95	
		For Hot-Dipped Galvanized, Add	*13.47*	
		For Stainless Steel, Add	*53.88*	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	78.41	
		For Hot-Dipped Galvanized, Add	*14.20*	
		For Stainless Steel, Add	*56.78*	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	83.10	
		For Hot-Dipped Galvanized, Add	*14.55*	
		For Stainless Steel, Add	*58.18*	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	86.61	
		For Hot-Dipped Galvanized, Add	*14.95*	
		For Stainless Steel, Add	*59.80*	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	101.42	
		For Hot-Dipped Galvanized, Add	*20.55*	
		For Stainless Steel, Add	*82.20*	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	127.45	
		For Hot-Dipped Galvanized, Add	*31.77*	
		For Stainless Steel, Add	*127.08*	

04 05 19 13-0014 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	70.87	
		For Hot-Dipped Galvanized, Add	*17.88*	
		For Stainless Steel, Add	*71.50*	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	74.56	
		For Hot-Dipped Galvanized, Add	*18.53*	
		For Stainless Steel, Add	*74.10*	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	79.42	
		For Hot-Dipped Galvanized, Add	*19.25*	
		For Stainless Steel, Add	*77.00*	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	84.85	
		For Hot-Dipped Galvanized, Add	*19.92*	
		For Stainless Steel, Add	*79.68*	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	91.26	
		For Hot-Dipped Galvanized, Add	*20.62*	
		For Stainless Steel, Add	*82.48*	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.01	
		For Hot-Dipped Galvanized, Add	*21.01*	
		For Stainless Steel, Add	*84.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	99.44	
		For Hot-Dipped Galvanized, Add	*21.36*	
		For Stainless Steel, Add	*85.44*	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	118.37	
		For Hot-Dipped Galvanized, Add	*29.03*	
		For Stainless Steel, Add	*116.12*	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	156.53	
		For Hot-Dipped Galvanized, Add	*46.32*	
		For Stainless Steel, Add	*185.26*	

04 05 19 13-0024 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	83.22	
		For Hot-Dipped Galvanized, Add	*24.06*	
		For Stainless Steel, Add	*96.22*	
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.57	
		For Hot-Dipped Galvanized, Add	*25.38*	
		For Stainless Steel, Add	*101.50*	
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	93.92	
		For Hot-Dipped Galvanized, Add	*26.70*	
		For Stainless Steel, Add	*106.80*	
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	101.58	
		For Hot-Dipped Galvanized, Add	*28.29*	
		For Stainless Steel, Add	*113.14*	
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	109.22	
		For Hot-Dipped Galvanized, Add	*29.85*	
		For Stainless Steel, Add	*119.40*	
04 05 19 13-0030	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	115.40	
		For Hot-Dipped Galvanized, Add	*30.70*	
		For Stainless Steel, Add	*122.78*	
04 05 19 13-0031	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	119.09	
		For Hot-Dipped Galvanized, Add	*31.42*	
		For Stainless Steel, Add	*125.66*	
04 05 19 13-0032	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	126.04	
		For Hot-Dipped Galvanized, Add	*32.86*	
		For Stainless Steel, Add	*131.44*	
04 05 19 13-0033	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	173.11	
		For Hot-Dipped Galvanized, Add	*54.60*	
		For Stainless Steel, Add	*218.38*	

04 05 19 13-0034 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0035	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	87.47	
		For Hot-Dipped Galvanized, Add	*26.18*	
		For Stainless Steel, Add	*104.72*	
04 05 19 13-0036	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	91.01	
		For Hot-Dipped Galvanized, Add	*26.75*	
		For Stainless Steel, Add	*107.00*	
04 05 19 13-0037	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	95.73	
		For Hot-Dipped Galvanized, Add	*27.41*	
		For Stainless Steel, Add	*109.62*	
04 05 19 13-0038	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	101.30	
		For Hot-Dipped Galvanized, Add	*28.15*	
		For Stainless Steel, Add	*112.58*	
04 05 19 13-0039	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	107.75	
		For Hot-Dipped Galvanized, Add	*28.87*	
		For Stainless Steel, Add	*115.46*	
04 05 19 13-0040	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.44	
		For Hot-Dipped Galvanized, Add	*29.22*	
		For Stainless Steel, Add	*116.86*	
04 05 19 13-0041	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	115.94	
		For Hot-Dipped Galvanized, Add	*29.62*	
		For Stainless Steel, Add	*118.48*	
04 05 19 13-0042	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	130.76	
		For Hot-Dipped Galvanized, Add	*35.22*	
		For Stainless Steel, Add	*140.88*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0043		Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*			
04 05 19 13-0044	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		100.22	
		For Hot-Dipped Galvanized, Add		*32.56*	
		For Stainless Steel, Add		*130.22*	
04 05 19 13-0045	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		103.93	
		For Hot-Dipped Galvanized, Add		*33.21*	
		For Stainless Steel, Add		*132.84*	
04 05 19 13-0046	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		108.78	
		For Hot-Dipped Galvanized, Add		*33.93*	
		For Stainless Steel, Add		*135.72*	
04 05 19 13-0047	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		114.21	
		For Hot-Dipped Galvanized, Add		*34.60*	
		For Stainless Steel, Add		*138.40*	
04 05 19 13-0048	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		120.63	
		For Hot-Dipped Galvanized, Add		*35.31*	
		For Stainless Steel, Add		*141.22*	
04 05 19 13-0049	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		125.37	
		For Hot-Dipped Galvanized, Add		*35.69*	
		For Stainless Steel, Add		*142.76*	
04 05 19 13-0050	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		128.80	
		For Hot-Dipped Galvanized, Add		*36.05*	
		For Stainless Steel, Add		*144.18*	
04 05 19 13-0051	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		147.73	
		For Hot-Dipped Galvanized, Add		*43.71*	
		For Stainless Steel, Add		*174.84*	
04 05 19 13-0052	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		185.90	
		For Hot-Dipped Galvanized, Add		*61.00*	
		For Stainless Steel, Add		*244.00*	
04 05 19 13-0053		Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*			
04 05 19 13-0054	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		112.56	
		For Hot-Dipped Galvanized, Add		*38.73*	
		For Stainless Steel, Add		*154.90*	
04 05 19 13-0055	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		117.92	
		For Hot-Dipped Galvanized, Add		*40.05*	
		For Stainless Steel, Add		*160.20*	
04 05 19 13-0056	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		123.27	
		For Hot-Dipped Galvanized, Add		*41.38*	
		For Stainless Steel, Add		*165.50*	
04 05 19 13-0057	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		130.92	
		For Hot-Dipped Galvanized, Add		*42.96*	
		For Stainless Steel, Add		*171.82*	
04 05 19 13-0058	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		138.58	
		For Hot-Dipped Galvanized, Add		*44.53*	
		For Stainless Steel, Add		*178.12*	
04 05 19 13-0059	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		144.75	
		For Hot-Dipped Galvanized, Add		*45.37*	
		For Stainless Steel, Add		*181.48*	
04 05 19 13-0060	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		148.44	
		For Hot-Dipped Galvanized, Add		*46.09*	
		For Stainless Steel, Add		*184.36*	
04 05 19 13-0061	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		155.38	
		For Hot-Dipped Galvanized, Add		*47.53*	
		For Stainless Steel, Add		*190.12*	
04 05 19 13-0062	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement		202.46	
		For Hot-Dipped Galvanized, Add		*69.27*	
		For Stainless Steel, Add		*277.08*	
04 05 19 13-0063		Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*			
04 05 19 13-0064	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement		116.82	
		For Hot-Dipped Galvanized, Add		*40.86*	
		For Stainless Steel, Add		*163.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0065	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.36	
		For Hot-Dipped Galvanized, Add	*41.43*	
		For Stainless Steel, Add	*165.70*	
04 05 19 13-0066	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	125.08	
		For Hot-Dipped Galvanized, Add	*42.08*	
		For Stainless Steel, Add	*168.32*	
04 05 19 13-0067	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	130.65	
		For Hot-Dipped Galvanized, Add	*42.82*	
		For Stainless Steel, Add	*171.28*	
04 05 19 13-0068	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	137.10	
		For Hot-Dipped Galvanized, Add	*43.54*	
		For Stainless Steel, Add	*174.16*	
04 05 19 13-0069	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	141.79	
		For Hot-Dipped Galvanized, Add	*43.89*	
		For Stainless Steel, Add	*175.56*	
04 05 19 13-0070	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	145.29	
		For Hot-Dipped Galvanized, Add	*44.30*	
		For Stainless Steel, Add	*177.18*	
04 05 19 13-0071	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	160.11	
		For Hot-Dipped Galvanized, Add	*49.90*	
		For Stainless Steel, Add	*199.58*	
04 05 19 13-0072	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	186.14	
		For Hot-Dipped Galvanized, Add	*61.12*	
		For Stainless Steel, Add	*244.46*	

04 05 19 13-0073 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0074	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	129.57	
		For Hot-Dipped Galvanized, Add	*47.23*	
		For Stainless Steel, Add	*188.92*	
04 05 19 13-0075	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	133.28	
		For Hot-Dipped Galvanized, Add	*47.89*	
		For Stainless Steel, Add	*191.54*	
04 05 19 13-0076	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	138.13	
		For Hot-Dipped Galvanized, Add	*48.61*	
		For Stainless Steel, Add	*194.42*	
04 05 19 13-0077	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	143.56	
		For Hot-Dipped Galvanized, Add	*49.28*	
		For Stainless Steel, Add	*197.10*	
04 05 19 13-0078	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	149.98	
		For Hot-Dipped Galvanized, Add	*49.98*	
		For Stainless Steel, Add	*199.92*	
04 05 19 13-0079	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	154.72	
		For Hot-Dipped Galvanized, Add	*50.37*	
		For Stainless Steel, Add	*201.46*	
04 05 19 13-0080	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	158.15	
		For Hot-Dipped Galvanized, Add	*50.72*	
		For Stainless Steel, Add	*202.88*	
04 05 19 13-0081	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	177.08	
		For Hot-Dipped Galvanized, Add	*58.39*	
		For Stainless Steel, Add	*233.54*	
04 05 19 13-0082	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	215.25	
		For Hot-Dipped Galvanized, Add	*75.68*	
		For Stainless Steel, Add	*302.70*	

04 05 19 13-0083 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0084	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	141.91	
		For Hot-Dipped Galvanized, Add	*53.40*	
		For Stainless Steel, Add	*213.60*	
04 05 19 13-0085	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	147.27	
		For Hot-Dipped Galvanized, Add	*54.73*	
		For Stainless Steel, Add	*218.90*	
04 05 19 13-0086	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	152.62	
		For Hot-Dipped Galvanized, Add	*56.05*	
		For Stainless Steel, Add	*224.20*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0087	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	160.27	
		For Hot-Dipped Galvanized, Add	*57.63*	
		For Stainless Steel, Add	*230.52*	
04 05 19 13-0088	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	167.93	
		For Hot-Dipped Galvanized, Add	*59.21*	
		For Stainless Steel, Add	*236.82*	
04 05 19 13-0089	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	174.10	
		For Hot-Dipped Galvanized, Add	*60.05*	
		For Stainless Steel, Add	*240.18*	
04 05 19 13-0090	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	177.79	
		For Hot-Dipped Galvanized, Add	*60.77*	
		For Stainless Steel, Add	*243.06*	
04 05 19 13-0091	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	184.73	
		For Hot-Dipped Galvanized, Add	*62.21*	
		For Stainless Steel, Add	*248.82*	
04 05 19 13-0092	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	231.81	
		For Hot-Dipped Galvanized, Add	*83.95*	
		For Stainless Steel, Add	*335.78*	

04 05 19 13-0093 Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0094 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	84.67	
		For Hot-Dipped Galvanized, Add	*19.55*	
		For Stainless Steel, Add	*78.20*	
04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	93.33	
		For Hot-Dipped Galvanized, Add	*21.35*	
		For Stainless Steel, Add	*85.38*	
04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	101.56	
		For Hot-Dipped Galvanized, Add	*22.93*	
		For Stainless Steel, Add	*91.72*	
04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	108.46	
		For Hot-Dipped Galvanized, Add	*23.85*	
		For Stainless Steel, Add	*95.38*	
04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	112.68	
		For Hot-Dipped Galvanized, Add	*24.69*	
		For Stainless Steel, Add	*98.76*	
04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	121.00	
		For Hot-Dipped Galvanized, Add	*26.58*	
		For Stainless Steel, Add	*106.30*	
04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	128.16	
		For Hot-Dipped Galvanized, Add	*28.13*	
		For Stainless Steel, Add	*112.50*	

04 05 19 13-0102 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	100.55	
		For Hot-Dipped Galvanized, Add	*27.49*	
		For Stainless Steel, Add	*109.96*	
04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	109.25	
		For Hot-Dipped Galvanized, Add	*29.31*	
		For Stainless Steel, Add	*117.22*	
04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	117.30	
		For Hot-Dipped Galvanized, Add	*30.80*	
		For Stainless Steel, Add	*123.20*	
04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	124.38	
		For Hot-Dipped Galvanized, Add	*31.81*	
		For Stainless Steel, Add	*127.22*	
04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	128.56	
		For Hot-Dipped Galvanized, Add	*32.63*	
		For Stainless Steel, Add	*130.52*	
04 05 19 13-0108	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	136.88	
		For Hot-Dipped Galvanized, Add	*34.52*	
		For Stainless Steel, Add	*138.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0109	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	144.25	
		For Hot-Dipped Galvanized, Add	*36.17*	
		For Stainless Steel, Add	*144.68*	

04 05 19 13-0110 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

04 05 19 13-0111	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	108.26	
		For Hot-Dipped Galvanized, Add	*31.35*	
		For Stainless Steel, Add	*125.38*	
04 05 19 13-0112	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	118.79	
		For Hot-Dipped Galvanized, Add	*34.08*	
		For Stainless Steel, Add	*136.30*	
04 05 19 13-0113	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	129.21	
		For Hot-Dipped Galvanized, Add	*36.76*	
		For Stainless Steel, Add	*147.02*	
04 05 19 13-0114	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	137.13	
		For Hot-Dipped Galvanized, Add	*38.18*	
		For Stainless Steel, Add	*152.72*	
04 05 19 13-0115	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	142.27	
		For Hot-Dipped Galvanized, Add	*39.49*	
		For Stainless Steel, Add	*157.94*	
04 05 19 13-0116	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	152.38	
		For Hot-Dipped Galvanized, Add	*42.27*	
		For Stainless Steel, Add	*169.06*	
04 05 19 13-0117	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	161.90	
		For Hot-Dipped Galvanized, Add	*45.00*	
		For Stainless Steel, Add	*179.98*	

04 05 19 13-0118 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0119 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0120	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	127.42	
		For Hot-Dipped Galvanized, Add	*40.93*	
		For Stainless Steel, Add	*163.70*	
04 05 19 13-0121	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	134.99	
		For Hot-Dipped Galvanized, Add	*42.18*	
		For Stainless Steel, Add	*168.70*	
04 05 19 13-0122	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	142.59	
		For Hot-Dipped Galvanized, Add	*43.45*	
		For Stainless Steel, Add	*173.78*	
04 05 19 13-0123	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	153.01	
		For Hot-Dipped Galvanized, Add	*44.86*	
		For Stainless Steel, Add	*179.42*	
04 05 19 13-0124	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	160.38	
		For Hot-Dipped Galvanized, Add	*46.27*	
		For Stainless Steel, Add	*185.06*	
04 05 19 13-0125	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	168.73	
		For Hot-Dipped Galvanized, Add	*48.41*	
		For Stainless Steel, Add	*193.64*	

04 05 19 13-0126 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0127	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	152.33	
		For Hot-Dipped Galvanized, Add	*53.38*	
		For Stainless Steel, Add	*213.52*	
04 05 19 13-0128	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	159.93	
		For Hot-Dipped Galvanized, Add	*54.65*	
		For Stainless Steel, Add	*218.58*	
04 05 19 13-0129	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	167.84	
		For Hot-Dipped Galvanized, Add	*56.07*	
		For Stainless Steel, Add	*224.28*	
04 05 19 13-0130	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	177.94	
		For Hot-Dipped Galvanized, Add	*57.32*	
		For Stainless Steel, Add	*229.28*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0131	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	185.35	
		For Hot-Dipped Galvanized, Add	*58.75*	
		For Stainless Steel, Add	*235.00*	
04 05 19 13-0132	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	192.26	
		For Hot-Dipped Galvanized, Add	*60.18*	
		For Stainless Steel, Add	*240.70*	

04 05 19 13-0133 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0134	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	154.16	
		For Hot-Dipped Galvanized, Add	*54.30*	
		For Stainless Steel, Add	*217.18*	
04 05 19 13-0135	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	163.14	
		For Hot-Dipped Galvanized, Add	*56.25*	
		For Stainless Steel, Add	*225.00*	
04 05 19 13-0136	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	172.07	
		For Hot-Dipped Galvanized, Add	*58.19*	
		For Stainless Steel, Add	*232.74*	
04 05 19 13-0137	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	184.36	
		For Hot-Dipped Galvanized, Add	*60.53*	
		For Stainless Steel, Add	*242.12*	
04 05 19 13-0138	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	193.55	
		For Hot-Dipped Galvanized, Add	*62.85*	
		For Stainless Steel, Add	*251.40*	
04 05 19 13-0139	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	202.23	
		For Hot-Dipped Galvanized, Add	*65.16*	
		For Stainless Steel, Add	*260.64*	

04 05 19 13-0140 Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0141 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0142	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	137.14	
		For Hot-Dipped Galvanized, Add	*43.25*	
		For Stainless Steel, Add	*173.00*	
04 05 19 13-0143	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	144.67	
		For Hot-Dipped Galvanized, Add	*44.49*	
		For Stainless Steel, Add	*177.94*	
04 05 19 13-0144	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	154.73	
		For Hot-Dipped Galvanized, Add	*45.72*	
		For Stainless Steel, Add	*182.86*	
04 05 19 13-0145	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	162.21	
		For Hot-Dipped Galvanized, Add	*47.18*	
		For Stainless Steel, Add	*188.72*	
04 05 19 13-0146	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	169.09	
		For Hot-Dipped Galvanized, Add	*48.59*	
		For Stainless Steel, Add	*194.36*	
04 05 19 13-0147	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	177.57	
		For Hot-Dipped Galvanized, Add	*51.43*	
		For Stainless Steel, Add	*205.70*	

04 05 19 13-0148 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0149	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	162.08	
		For Hot-Dipped Galvanized, Add	*55.72*	
		For Stainless Steel, Add	*222.88*	
04 05 19 13-0150	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	169.64	
		For Hot-Dipped Galvanized, Add	*56.97*	
		For Stainless Steel, Add	*227.88*	
04 05 19 13-0151	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	180.06	
		For Hot-Dipped Galvanized, Add	*58.38*	
		For Stainless Steel, Add	*233.52*	
04 05 19 13-0152	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	187.11	
		For Hot-Dipped Galvanized, Add	*59.63*	
		For Stainless Steel, Add	*238.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0153	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	194.02	
		For Hot-Dipped Galvanized, Add	*61.06*	
		For Stainless Steel, Add	*244.22*	
04 05 19 13-0154	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	202.82	
		For Hot-Dipped Galvanized, Add	*64.05*	
		For Stainless Steel, Add	*256.20*	

04 05 19 13-0155 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0156	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	163.84	
		For Hot-Dipped Galvanized, Add	*56.60*	
		For Stainless Steel, Add	*226.40*	
04 05 19 13-0157	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	172.81	
		For Hot-Dipped Galvanized, Add	*58.56*	
		For Stainless Steel, Add	*234.22*	
04 05 19 13-0158	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	184.36	
		For Hot-Dipped Galvanized, Add	*60.53*	
		For Stainless Steel, Add	*242.12*	
04 05 19 13-0159	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	193.55	
		For Hot-Dipped Galvanized, Add	*62.85*	
		For Stainless Steel, Add	*251.40*	
04 05 19 13-0160	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	202.23	
		For Hot-Dipped Galvanized, Add	*65.16*	
		For Stainless Steel, Add	*260.64*	
04 05 19 13-0161	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	211.66	
		For Hot-Dipped Galvanized, Add	*68.47*	
		For Stainless Steel, Add	*273.88*	

04 05 19 13-0162 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0163 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0164	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	128.94	
		For Hot-Dipped Galvanized, Add	*39.15*	
		For Stainless Steel, Add	*156.60*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0165	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	136.04	
		For Hot-Dipped Galvanized, Add	*40.17*	
		For Stainless Steel, Add	*160.68*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0166	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	145.82	
		For Hot-Dipped Galvanized, Add	*41.26*	
		For Stainless Steel, Add	*165.04*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0167	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	152.70	
		For Hot-Dipped Galvanized, Add	*42.43*	
		For Stainless Steel, Add	*169.70*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0168	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	159.19	
		For Hot-Dipped Galvanized, Add	*43.64*	
		For Stainless Steel, Add	*174.56*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0169	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	164.18	
		For Hot-Dipped Galvanized, Add	*44.73*	
		For Stainless Steel, Add	*178.92*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0170 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0171	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	152.32	
		For Hot-Dipped Galvanized, Add	*50.84*	
		For Stainless Steel, Add	*203.36*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0172	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	158.97	
		For Hot-Dipped Galvanized, Add	*51.64*	
		For Stainless Steel, Add	*206.54*	
		For Seismic Hook And Eye, Add	*27.50*	

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04 05 19 13-0173	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		168.82	
		For Hot-Dipped Galvanized, Add		*52.76*	
		For Stainless Steel, Add		*211.04*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0174	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		175.56	
		For Hot-Dipped Galvanized, Add		*53.86*	
		For Stainless Steel, Add		*215.42*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0175	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		181.80	
		For Hot-Dipped Galvanized, Add		*54.95*	
		For Stainless Steel, Add		*219.78*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0176	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		189.33	
		For Hot-Dipped Galvanized, Add		*57.31*	
		For Stainless Steel, Add		*229.22*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0177		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*			
04 05 19 13-0178	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		154.05	
		For Hot-Dipped Galvanized, Add		*51.71*	
		For Stainless Steel, Add		*206.82*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0179	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		162.84	
		For Hot-Dipped Galvanized, Add		*53.57*	
		For Stainless Steel, Add		*214.28*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0180	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		174.14	
		For Hot-Dipped Galvanized, Add		*55.42*	
		For Stainless Steel, Add		*221.68*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0181	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		183.13	
		For Hot-Dipped Galvanized, Add		*57.64*	
		For Stainless Steel, Add		*230.56*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0182	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		191.63	
		For Hot-Dipped Galvanized, Add		*59.86*	
		For Stainless Steel, Add		*239.44*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0183	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement		198.84	
		For Hot-Dipped Galvanized, Add		*62.06*	
		For Stainless Steel, Add		*248.24*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0184		Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*			
04 05 19 13-0185		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*			
04 05 19 13-0186	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		138.65	
		For Hot-Dipped Galvanized, Add		*41.48*	
		For Stainless Steel, Add		*165.90*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0187	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		148.25	
		For Hot-Dipped Galvanized, Add		*42.48*	
		For Stainless Steel, Add		*169.90*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0188	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		154.81	
		For Hot-Dipped Galvanized, Add		*43.48*	
		For Stainless Steel, Add		*173.92*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0189	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		161.44	
		For Hot-Dipped Galvanized, Add		*44.77*	
		For Stainless Steel, Add		*179.06*	
		For Seismic Hook And Eye, Add		*27.50*	
04 05 19 13-0190	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement		166.58	
		For Hot-Dipped Galvanized, Add		*45.93*	
		For Stainless Steel, Add		*183.72*	
		For Seismic Hook And Eye, Add		*27.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0191		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*		
04 05 19 13-0192	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	161.19	
		For Hot-Dipped Galvanized, Add	*52.75*	
		For Stainless Steel, Add	*210.98*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0193	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	170.97	
		For Hot-Dipped Galvanized, Add	*53.84*	
		For Stainless Steel, Add	*215.34*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0194	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	177.85	
		For Hot-Dipped Galvanized, Add	*55.00*	
		For Stainless Steel, Add	*220.00*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0195	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	183.77	
		For Hot-Dipped Galvanized, Add	*55.93*	
		For Stainless Steel, Add	*223.72*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0196	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	189.12	
		For Hot-Dipped Galvanized, Add	*57.20*	
		For Stainless Steel, Add	*228.80*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0197		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*		
04 05 19 13-0198	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	163.51	
		For Hot-Dipped Galvanized, Add	*53.91*	
		For Stainless Steel, Add	*215.62*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0199	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	174.85	
		For Hot-Dipped Galvanized, Add	*55.78*	
		For Stainless Steel, Add	*223.10*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0200	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	183.13	
		For Hot-Dipped Galvanized, Add	*57.64*	
		For Stainless Steel, Add	*230.56*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0201	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	191.63	
		For Hot-Dipped Galvanized, Add	*59.86*	
		For Stainless Steel, Add	*239.44*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0202	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	198.84	
		For Hot-Dipped Galvanized, Add	*62.06*	
		For Stainless Steel, Add	*248.24*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0203		Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*		
04 05 19 13-0204		Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0203)*		
04 05 19 13-0205		Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0206	CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	67.72	
		For Hot-Dipped Galvanized, Add	*16.31*	
		For Stainless Steel, Add	*65.22*	
04 05 19 13-0207	CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	70.48	
		For Hot-Dipped Galvanized, Add	*16.49*	
		For Stainless Steel, Add	*65.94*	
04 05 19 13-0208	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	75.19	
		For Hot-Dipped Galvanized, Add	*17.14*	
		For Stainless Steel, Add	*68.54*	
04 05 19 13-0209	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	80.97	
		For Hot-Dipped Galvanized, Add	*17.98*	
		For Stainless Steel, Add	*71.92*	
04 05 19 13-0210	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	87.88	
		For Hot-Dipped Galvanized, Add	*18.93*	
		For Stainless Steel, Add	*75.72*	
04 05 19 13-0211	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	92.89	
		For Hot-Dipped Galvanized, Add	*19.44*	
		For Stainless Steel, Add	*77.76*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0212		CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.62	
			For Hot-Dipped Galvanized, Add	*20.18*	
			For Stainless Steel, Add	*80.72*	
04 05 19 13-0213		CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.02	
			For Hot-Dipped Galvanized, Add	*28.36*	
			For Stainless Steel, Add	*113.42*	
04 05 19 13-0214		CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	123.85	
			For Hot-Dipped Galvanized, Add	*29.98*	
			For Stainless Steel, Add	*119.90*	
04 05 19 13-0215		CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	172.11	
			For Hot-Dipped Galvanized, Add	*51.85*	
			For Stainless Steel, Add	*207.38*	

04 05 19 13-0216 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0217		CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	80.34	
			For Hot-Dipped Galvanized, Add	*22.61*	
			For Stainless Steel, Add	*90.44*	
04 05 19 13-0218		CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	83.37	
			For Hot-Dipped Galvanized, Add	*22.93*	
			For Stainless Steel, Add	*91.72*	
04 05 19 13-0219		CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	88.08	
			For Hot-Dipped Galvanized, Add	*23.58*	
			For Stainless Steel, Add	*94.32*	
04 05 19 13-0220		CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	93.83	
			For Hot-Dipped Galvanized, Add	*24.41*	
			For Stainless Steel, Add	*97.64*	
04 05 19 13-0221		CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.56	
			For Hot-Dipped Galvanized, Add	*25.27*	
			For Stainless Steel, Add	*101.08*	
04 05 19 13-0222		CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	105.73	
			For Hot-Dipped Galvanized, Add	*25.87*	
			For Stainless Steel, Add	*103.48*	
04 05 19 13-0223		CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	109.27	
			For Hot-Dipped Galvanized, Add	*26.51*	
			For Stainless Steel, Add	*106.02*	
04 05 19 13-0224		CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	133.99	
			For Hot-Dipped Galvanized, Add	*36.84*	
			For Stainless Steel, Add	*147.36*	
04 05 19 13-0225		CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	140.82	
			For Hot-Dipped Galvanized, Add	*38.46*	
			For Stainless Steel, Add	*153.84*	
04 05 19 13-0226		CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	209.22	
			For Hot-Dipped Galvanized, Add	*72.66*	
			For Stainless Steel, Add	*290.64*	

04 05 19 13-0227 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0228		CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	99.64	
			For Hot-Dipped Galvanized, Add	*32.27*	
			For Stainless Steel, Add	*129.06*	
04 05 19 13-0229		CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	103.16	
			For Hot-Dipped Galvanized, Add	*32.67*	
			For Stainless Steel, Add	*130.68*	
04 05 19 13-0230		CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.25	
			For Hot-Dipped Galvanized, Add	*33.87*	
			For Stainless Steel, Add	*135.46*	
04 05 19 13-0231		CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	116.02	
			For Hot-Dipped Galvanized, Add	*35.51*	
			For Stainless Steel, Add	*142.02*	
04 05 19 13-0232		CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	124.61	
			For Hot-Dipped Galvanized, Add	*37.55*	
			For Stainless Steel, Add	*150.18*	
04 05 19 13-0233		CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.97	
			For Hot-Dipped Galvanized, Add	*38.48*	
			For Stainless Steel, Add	*153.92*	
04 05 19 13-0234		CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	136.00	
			For Hot-Dipped Galvanized, Add	*39.87*	
			For Stainless Steel, Add	*159.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0235	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	172.25	
		For Hot-Dipped Galvanized, Add	*55.97*	
		For Stainless Steel, Add	*223.86*	
04 05 19 13-0236	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	182.19	
		For Hot-Dipped Galvanized, Add	*59.14*	
		For Stainless Steel, Add	*236.54*	
04 05 19 13-0237	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	272.91	
		For Hot-Dipped Galvanized, Add	*102.25*	
		For Stainless Steel, Add	*408.98*	

04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0239	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	87.47	
		For Hot-Dipped Galvanized, Add	*26.18*	
		For Stainless Steel, Add	*104.72*	
04 05 19 13-0240	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	91.01	
		For Hot-Dipped Galvanized, Add	*26.75*	
		For Stainless Steel, Add	*107.00*	
04 05 19 13-0241	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.73	
		For Hot-Dipped Galvanized, Add	*27.41*	
		For Stainless Steel, Add	*109.62*	
04 05 19 13-0242	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	101.30	
		For Hot-Dipped Galvanized, Add	*28.15*	
		For Stainless Steel, Add	*112.58*	
04 05 19 13-0243	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	107.75	
		For Hot-Dipped Galvanized, Add	*28.87*	
		For Stainless Steel, Add	*115.46*	
04 05 19 13-0244	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	112.44	
		For Hot-Dipped Galvanized, Add	*29.22*	
		For Stainless Steel, Add	*116.86*	
04 05 19 13-0245	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.94	
		For Hot-Dipped Galvanized, Add	*29.62*	
		For Stainless Steel, Add	*118.48*	
04 05 19 13-0246	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.76	
		For Hot-Dipped Galvanized, Add	*35.22*	
		For Stainless Steel, Add	*140.88*	

04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0248	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.22	
		For Hot-Dipped Galvanized, Add	*32.56*	
		For Stainless Steel, Add	*130.22*	
04 05 19 13-0249	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	103.93	
		For Hot-Dipped Galvanized, Add	*33.21*	
		For Stainless Steel, Add	*132.84*	
04 05 19 13-0250	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.78	
		For Hot-Dipped Galvanized, Add	*33.93*	
		For Stainless Steel, Add	*135.72*	
04 05 19 13-0251	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.21	
		For Hot-Dipped Galvanized, Add	*34.60*	
		For Stainless Steel, Add	*138.40*	
04 05 19 13-0252	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	120.63	
		For Hot-Dipped Galvanized, Add	*35.31*	
		For Stainless Steel, Add	*141.22*	
04 05 19 13-0253	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.37	
		For Hot-Dipped Galvanized, Add	*35.69*	
		For Stainless Steel, Add	*142.76*	
04 05 19 13-0254	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	128.80	
		For Hot-Dipped Galvanized, Add	*36.05*	
		For Stainless Steel, Add	*144.18*	
04 05 19 13-0255	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	147.73	
		For Hot-Dipped Galvanized, Add	*43.71*	
		For Stainless Steel, Add	*174.84*	
04 05 19 13-0256	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	185.90	
		For Hot-Dipped Galvanized, Add	*61.00*	
		For Stainless Steel, Add	*244.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0257			Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0258		CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	112.56	
			For Hot-Dipped Galvanized, Add	*38.73*	
			For Stainless Steel, Add	*154.90*	
04 05 19 13-0259		CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.92	
			For Hot-Dipped Galvanized, Add	*40.05*	
			For Stainless Steel, Add	*160.20*	
04 05 19 13-0260		CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	123.27	
			For Hot-Dipped Galvanized, Add	*41.38*	
			For Stainless Steel, Add	*165.50*	
04 05 19 13-0261		CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.92	
			For Hot-Dipped Galvanized, Add	*42.96*	
			For Stainless Steel, Add	*171.82*	
04 05 19 13-0262		CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.58	
			For Hot-Dipped Galvanized, Add	*44.53*	
			For Stainless Steel, Add	*178.12*	
04 05 19 13-0263		CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.75	
			For Hot-Dipped Galvanized, Add	*45.37*	
			For Stainless Steel, Add	*181.48*	
04 05 19 13-0264		CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	148.44	
			For Hot-Dipped Galvanized, Add	*46.09*	
			For Stainless Steel, Add	*184.36*	
04 05 19 13-0265		CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	155.38	
			For Hot-Dipped Galvanized, Add	*47.53*	
			For Stainless Steel, Add	*190.12*	
04 05 19 13-0266		CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	202.46	
			For Hot-Dipped Galvanized, Add	*69.27*	
			For Stainless Steel, Add	*277.08*	
04 05 19 13-0267			Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0268		CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	116.82	
			For Hot-Dipped Galvanized, Add	*40.86*	
			For Stainless Steel, Add	*163.42*	
04 05 19 13-0269		CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	120.36	
			For Hot-Dipped Galvanized, Add	*41.43*	
			For Stainless Steel, Add	*165.70*	
04 05 19 13-0270		CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.08	
			For Hot-Dipped Galvanized, Add	*42.08*	
			For Stainless Steel, Add	*168.32*	
04 05 19 13-0271		CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.65	
			For Hot-Dipped Galvanized, Add	*42.82*	
			For Stainless Steel, Add	*171.28*	
04 05 19 13-0272		CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	137.10	
			For Hot-Dipped Galvanized, Add	*43.54*	
			For Stainless Steel, Add	*174.16*	
04 05 19 13-0273		CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	141.79	
			For Hot-Dipped Galvanized, Add	*43.89*	
			For Stainless Steel, Add	*175.56*	
04 05 19 13-0274		CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	145.29	
			For Hot-Dipped Galvanized, Add	*44.30*	
			For Stainless Steel, Add	*177.18*	
04 05 19 13-0275		CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	160.11	
			For Hot-Dipped Galvanized, Add	*49.90*	
			For Stainless Steel, Add	*199.58*	
04 05 19 13-0276		CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	186.14	
			For Hot-Dipped Galvanized, Add	*61.12*	
			For Stainless Steel, Add	*244.46*	
04 05 19 13-0277			Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*		
04 05 19 13-0278		CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.57	
			For Hot-Dipped Galvanized, Add	*47.23*	
			For Stainless Steel, Add	*188.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0279	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	133.28	
		For Hot-Dipped Galvanized, Add	*47.89*	
		For Stainless Steel, Add	*191.54*	
04 05 19 13-0280	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.13	
		For Hot-Dipped Galvanized, Add	*48.61*	
		For Stainless Steel, Add	*194.42*	
04 05 19 13-0281	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	143.56	
		For Hot-Dipped Galvanized, Add	*49.28*	
		For Stainless Steel, Add	*197.10*	
04 05 19 13-0282	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	149.98	
		For Hot-Dipped Galvanized, Add	*49.98*	
		For Stainless Steel, Add	*199.92*	
04 05 19 13-0283	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	154.72	
		For Hot-Dipped Galvanized, Add	*50.37*	
		For Stainless Steel, Add	*201.46*	
04 05 19 13-0284	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	158.15	
		For Hot-Dipped Galvanized, Add	*50.72*	
		For Stainless Steel, Add	*202.88*	
04 05 19 13-0285	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	177.08	
		For Hot-Dipped Galvanized, Add	*58.39*	
		For Stainless Steel, Add	*233.54*	
04 05 19 13-0286	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	215.25	
		For Hot-Dipped Galvanized, Add	*75.68*	
		For Stainless Steel, Add	*302.70*	

04 05 19 13-0287 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0288	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	141.91	
		For Hot-Dipped Galvanized, Add	*53.40*	
		For Stainless Steel, Add	*213.60*	
04 05 19 13-0289	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	147.27	
		For Hot-Dipped Galvanized, Add	*54.73*	
		For Stainless Steel, Add	*218.90*	
04 05 19 13-0290	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	152.62	
		For Hot-Dipped Galvanized, Add	*56.05*	
		For Stainless Steel, Add	*224.20*	
04 05 19 13-0291	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	160.27	
		For Hot-Dipped Galvanized, Add	*57.63*	
		For Stainless Steel, Add	*230.52*	
04 05 19 13-0292	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	167.93	
		For Hot-Dipped Galvanized, Add	*59.21*	
		For Stainless Steel, Add	*236.82*	
04 05 19 13-0293	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	174.10	
		For Hot-Dipped Galvanized, Add	*60.05*	
		For Stainless Steel, Add	*240.18*	
04 05 19 13-0294	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	177.79	
		For Hot-Dipped Galvanized, Add	*60.77*	
		For Stainless Steel, Add	*243.06*	
04 05 19 13-0295	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	184.73	
		For Hot-Dipped Galvanized, Add	*62.21*	
		For Stainless Steel, Add	*248.82*	
04 05 19 13-0296	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	231.81	
		For Hot-Dipped Galvanized, Add	*83.95*	
		For Stainless Steel, Add	*335.78*	

04 05 19 13-0297 Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0298 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0299	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	96.68	
		For Hot-Dipped Galvanized, Add	*25.56*	
		For Stainless Steel, Add	*102.22*	
04 05 19 13-0300	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	104.21	
		For Hot-Dipped Galvanized, Add	*26.79*	
		For Stainless Steel, Add	*107.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0301	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	112.41	
		For Hot-Dipped Galvanized, Add	*28.36*	
		For Stainless Steel, Add	*113.42*	
04 05 19 13-0302	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	119.62	
		For Hot-Dipped Galvanized, Add	*29.43*	
		For Stainless Steel, Add	*117.70*	
04 05 19 13-0303	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	123.95	
		For Hot-Dipped Galvanized, Add	*30.33*	
		For Stainless Steel, Add	*121.30*	
04 05 19 13-0304	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	132.83	
		For Hot-Dipped Galvanized, Add	*32.49*	
		For Stainless Steel, Add	*129.96*	
04 05 19 13-0305	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	141.23	
		For Hot-Dipped Galvanized, Add	*34.66*	
		For Stainless Steel, Add	*138.64*	

04 05 19 13-0306 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0307	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	112.60	
		For Hot-Dipped Galvanized, Add	*33.52*	
		For Stainless Steel, Add	*134.06*	
04 05 19 13-0308	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	120.17	
		For Hot-Dipped Galvanized, Add	*34.77*	
		For Stainless Steel, Add	*139.06*	
04 05 19 13-0309	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	128.29	
		For Hot-Dipped Galvanized, Add	*36.30*	
		For Stainless Steel, Add	*145.18*	
04 05 19 13-0310	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	135.54	
		For Hot-Dipped Galvanized, Add	*37.39*	
		For Stainless Steel, Add	*149.54*	
04 05 19 13-0311	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	139.77	
		For Hot-Dipped Galvanized, Add	*38.24*	
		For Stainless Steel, Add	*152.94*	
04 05 19 13-0312	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	148.68	
		For Hot-Dipped Galvanized, Add	*40.42*	
		For Stainless Steel, Add	*161.66*	
04 05 19 13-0313	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	157.15	
		For Hot-Dipped Galvanized, Add	*42.62*	
		For Stainless Steel, Add	*170.48*	

04 05 19 13-0314 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0315	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	127.35	
		For Hot-Dipped Galvanized, Add	*40.89*	
		For Stainless Steel, Add	*163.56*	
04 05 19 13-0316	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	136.30	
		For Hot-Dipped Galvanized, Add	*42.83*	
		For Stainless Steel, Add	*171.32*	
04 05 19 13-0317	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	146.68	
		For Hot-Dipped Galvanized, Add	*45.49*	
		For Stainless Steel, Add	*181.96*	
04 05 19 13-0318	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	154.63	
		For Hot-Dipped Galvanized, Add	*46.93*	
		For Stainless Steel, Add	*187.72*	
04 05 19 13-0319	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	160.05	
		For Hot-Dipped Galvanized, Add	*48.38*	
		For Stainless Steel, Add	*193.50*	
04 05 19 13-0320	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	171.12	
		For Hot-Dipped Galvanized, Add	*51.64*	
		For Stainless Steel, Add	*206.54*	
04 05 19 13-0321	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	180.57	
		For Hot-Dipped Galvanized, Add	*54.33*	
		For Stainless Steel, Add	*217.32*	

04 05 19 13-0322 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0323		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*		
04 05 19 13-0324	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	146.30	
		For Hot-Dipped Galvanized, Add	*50.37*	
		For Stainless Steel, Add	*201.46*	
04 05 19 13-0325	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	152.08	
		For Hot-Dipped Galvanized, Add	*50.72*	
		For Stainless Steel, Add	*202.88*	
04 05 19 13-0326	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	159.60	
		For Hot-Dipped Galvanized, Add	*51.95*	
		For Stainless Steel, Add	*207.80*	
04 05 19 13-0327	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	170.48	
		For Hot-Dipped Galvanized, Add	*53.59*	
		For Stainless Steel, Add	*214.36*	
04 05 19 13-0328	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	178.90	
		For Hot-Dipped Galvanized, Add	*55.53*	
		For Stainless Steel, Add	*222.10*	
04 05 19 13-0329	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	187.68	
		For Hot-Dipped Galvanized, Add	*57.89*	
		For Stainless Steel, Add	*231.54*	
04 05 19 13-0330		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*		
04 05 19 13-0331	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	170.92	
		For Hot-Dipped Galvanized, Add	*62.68*	
		For Stainless Steel, Add	*250.70*	
04 05 19 13-0332	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	177.05	
		For Hot-Dipped Galvanized, Add	*63.21*	
		For Stainless Steel, Add	*252.82*	
04 05 19 13-0333	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	184.57	
		For Hot-Dipped Galvanized, Add	*64.44*	
		For Stainless Steel, Add	*257.74*	
04 05 19 13-0334	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	195.38	
		For Hot-Dipped Galvanized, Add	*66.04*	
		For Stainless Steel, Add	*264.16*	
04 05 19 13-0335	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	203.49	
		For Hot-Dipped Galvanized, Add	*67.82*	
		For Stainless Steel, Add	*271.28*	
04 05 19 13-0336	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	211.14	
		For Hot-Dipped Galvanized, Add	*69.62*	
		For Stainless Steel, Add	*278.46*	
04 05 19 13-0337		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*		
04 05 19 13-0338	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	184.41	
		For Hot-Dipped Galvanized, Add	*69.42*	
		For Stainless Steel, Add	*277.68*	
04 05 19 13-0339	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	190.54	
		For Hot-Dipped Galvanized, Add	*69.95*	
		For Stainless Steel, Add	*279.80*	
04 05 19 13-0340	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	199.47	
		For Hot-Dipped Galvanized, Add	*71.89*	
		For Stainless Steel, Add	*287.54*	
04 05 19 13-0341	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	212.14	
		For Hot-Dipped Galvanized, Add	*74.42*	
		For Stainless Steel, Add	*297.68*	
04 05 19 13-0342	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	223.11	
		For Hot-Dipped Galvanized, Add	*77.63*	
		For Stainless Steel, Add	*310.52*	
04 05 19 13-0343	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	234.28	
		For Hot-Dipped Galvanized, Add	*81.19*	
		For Stainless Steel, Add	*324.74*	
04 05 19 13-0344		Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0345		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0346	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	156.06	
		For Hot-Dipped Galvanized, Add	*52.71*	
		For Stainless Steel, Add	*210.84*	
04 05 19 13-0347	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	161.86	
		For Hot-Dipped Galvanized, Add	*53.08*	
		For Stainless Steel, Add	*212.32*	
04 05 19 13-0348	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	171.85	
		For Hot-Dipped Galvanized, Add	*54.28*	
		For Stainless Steel, Add	*217.10*	
04 05 19 13-0349	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	179.64	
		For Hot-Dipped Galvanized, Add	*55.90*	
		For Stainless Steel, Add	*223.58*	
04 05 19 13-0350	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	187.65	
		For Hot-Dipped Galvanized, Add	*57.87*	
		For Stainless Steel, Add	*231.48*	
04 05 19 13-0351	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	194.47	
		For Hot-Dipped Galvanized, Add	*59.88*	
		For Stainless Steel, Add	*239.50*	
04 05 19 13-0352		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0353	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	180.61	
		For Hot-Dipped Galvanized, Add	*64.99*	
		For Stainless Steel, Add	*259.94*	
04 05 19 13-0354	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	186.72	
		For Hot-Dipped Galvanized, Add	*65.51*	
		For Stainless Steel, Add	*262.04*	
04 05 19 13-0355	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	196.79	
		For Hot-Dipped Galvanized, Add	*66.75*	
		For Stainless Steel, Add	*266.98*	
04 05 19 13-0356	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	204.58	
		For Hot-Dipped Galvanized, Add	*68.37*	
		For Stainless Steel, Add	*273.46*	
04 05 19 13-0357	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	212.20	
		For Hot-Dipped Galvanized, Add	*70.15*	
		For Stainless Steel, Add	*280.58*	
04 05 19 13-0358	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	219.23	
		For Hot-Dipped Galvanized, Add	*72.26*	
		For Stainless Steel, Add	*289.02*	
04 05 19 13-0359		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*		
04 05 19 13-0360	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	194.13	
		For Hot-Dipped Galvanized, Add	*71.75*	
		For Stainless Steel, Add	*286.98*	
04 05 19 13-0361	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	200.21	
		For Hot-Dipped Galvanized, Add	*72.26*	
		For Stainless Steel, Add	*289.02*	
04 05 19 13-0362	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	211.76	
		For Hot-Dipped Galvanized, Add	*74.23*	
		For Stainless Steel, Add	*296.92*	
04 05 19 13-0363	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	221.34	
		For Hot-Dipped Galvanized, Add	*76.75*	
		For Stainless Steel, Add	*306.98*	
04 05 19 13-0364	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	231.78	
		For Hot-Dipped Galvanized, Add	*79.94*	
		For Stainless Steel, Add	*319.74*	
04 05 19 13-0365	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	239.45	
		For Hot-Dipped Galvanized, Add	*82.37*	
		For Stainless Steel, Add	*329.46*	
04 05 19 13-0366		Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0367		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*		
04 05 19 13-0368	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	146.58	
		For Hot-Dipped Galvanized, Add	*47.97*	
		For Stainless Steel, Add	*191.88*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0369	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	152.31	
		For Hot-Dipped Galvanized, Add	*48.31*	
		For Stainless Steel, Add	*193.22*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0370	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	161.99	
		For Hot-Dipped Galvanized, Add	*49.35*	
		For Stainless Steel, Add	*197.38*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0371	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	169.53	
		For Hot-Dipped Galvanized, Add	*50.84*	
		For Stainless Steel, Add	*203.36*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0372	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	176.69	
		For Hot-Dipped Galvanized, Add	*52.39*	
		For Stainless Steel, Add	*209.56*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0373	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	183.31	
		For Hot-Dipped Galvanized, Add	*54.30*	
		For Stainless Steel, Add	*217.18*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0374		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*		
04 05 19 13-0375	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	169.19	
		For Hot-Dipped Galvanized, Add	*59.28*	
		For Stainless Steel, Add	*237.10*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0376	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	175.17	
		For Hot-Dipped Galvanized, Add	*59.74*	
		For Stainless Steel, Add	*238.94*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0377	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	184.67	
		For Hot-Dipped Galvanized, Add	*60.69*	
		For Stainless Steel, Add	*242.74*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0378	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	192.08	
		For Hot-Dipped Galvanized, Add	*62.12*	
		For Stainless Steel, Add	*248.46*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0379	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	199.20	
		For Hot-Dipped Galvanized, Add	*63.65*	
		For Stainless Steel, Add	*254.58*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0380	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	205.39	
		For Hot-Dipped Galvanized, Add	*65.34*	
		For Stainless Steel, Add	*261.34*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0381		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*		
04 05 19 13-0382	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	182.86	
		For Hot-Dipped Galvanized, Add	*66.11*	
		For Stainless Steel, Add	*264.44*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0383	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	188.94	
		For Hot-Dipped Galvanized, Add	*66.62*	
		For Stainless Steel, Add	*266.48*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0384	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	200.24	
		For Hot-Dipped Galvanized, Add	*68.47*	
		For Stainless Steel, Add	*273.88*	
		For Seismic Hook And Eye, Add	*27.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0385	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	209.62	
		For Hot-Dipped Galvanized, Add	*70.89*	
		For Stainless Steel, Add	*283.54*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0386	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	219.77	
		For Hot-Dipped Galvanized, Add	*73.93*	
		For Stainless Steel, Add	*295.72*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0387	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	229.34	
		For Hot-Dipped Galvanized, Add	*77.31*	
		For Stainless Steel, Add	*309.24*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0388 Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0389 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall *(04 05 19 13-0388)*

04 05 19 13-0390	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	156.15	
		For Hot-Dipped Galvanized, Add	*50.23*	
		For Stainless Steel, Add	*200.90*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0391	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	164.46	
		For Hot-Dipped Galvanized, Add	*50.58*	
		For Stainless Steel, Add	*202.32*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0392	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	171.22	
		For Hot-Dipped Galvanized, Add	*51.69*	
		For Stainless Steel, Add	*206.74*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0393	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	178.45	
		For Hot-Dipped Galvanized, Add	*53.27*	
		For Stainless Steel, Add	*213.08*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0394	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	184.93	
		For Hot-Dipped Galvanized, Add	*55.11*	
		For Stainless Steel, Add	*220.42*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0395 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0396	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	180.52	
		For Hot-Dipped Galvanized, Add	*62.41*	
		For Stainless Steel, Add	*249.64*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0397	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	188.90	
		For Hot-Dipped Galvanized, Add	*62.80*	
		For Stainless Steel, Add	*251.20*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0398	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	195.60	
		For Hot-Dipped Galvanized, Add	*63.88*	
		For Stainless Steel, Add	*255.50*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0399	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	202.55	
		For Hot-Dipped Galvanized, Add	*65.32*	
		For Stainless Steel, Add	*261.28*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0400	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	208.31	
		For Hot-Dipped Galvanized, Add	*66.80*	
		For Stainless Steel, Add	*267.18*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 13-0401 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0402	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	192.36	
		For Hot-Dipped Galvanized, Add	*68.33*	
		For Stainless Steel, Add	*273.32*	
		For Seismic Hook And Eye, Add	*27.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0403	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	200.94	
		For Hot-Dipped Galvanized, Add	*68.82*	
		For Stainless Steel, Add	*275.28*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0404	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	209.23	
		For Hot-Dipped Galvanized, Add	*70.69*	
		For Stainless Steel, Add	*282.76*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0405	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	218.08	
		For Hot-Dipped Galvanized, Add	*73.09*	
		For Stainless Steel, Add	*292.34*	
		For Seismic Hook And Eye, Add	*27.50*	
04 05 19 13-0406	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	226.98	
		For Hot-Dipped Galvanized, Add	*76.13*	
		For Stainless Steel, Add	*304.52*	
		For Seismic Hook And Eye, Add	*27.50*	

04 05 19 16 Masonry Anchors *(04 05 19)*

04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.05
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.10
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.14
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.19
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.25
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.14
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.19
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.25
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.30

04 05 19 16-0012 Mill Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.97
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	0.99
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.01
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.04
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.07
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.01
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.04
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.07
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.10

04 05 19 16-0022 Z-Type, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0023 Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*

04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	0.97
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.00
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.08
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.12
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.12
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.18
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.24
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.27

04 05 19 16-0032 Mill Galvanized, Z-Type, Wire Masonry Wall Ties *(04 05 19 16-0022)*

04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.92
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.92
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	0.99
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.00
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.01
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.04
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.07
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.11

04 05 19 16-0041 Wire Beam Ties *(04 05 19 16)*

04 05 19 16-0042 Hot-Dipped Galvanized, Wire Beam Ties *(04 05 19 16-0041)*

04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.19
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.21
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.23
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.25
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.28

04 05 19 16-0048 Mill Galvanized, Wire Beam Ties *(04 05 19 16-0041)*

04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.35
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.40

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.44	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.47	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.50	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16)*		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.28	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.32	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.34	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.37	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.39	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties *(04 05 19 16-0054)*		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.14	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.17	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.18	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.20	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.21	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors *(04 05 19 16)*		
04 05 19 16-0068		Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.49	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.53	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.57	
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.62	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.66	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.52	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.57	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.62	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.67	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.71	
04 05 19 16-0079		Mill Galvanized, Corrugated Buck (Brick) Anchors *(04 05 19 16-0067)*		
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.33	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.36	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.39	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.43	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.46	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.36	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.39	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.43	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.46	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.50	
04 05 19 16-0090		Corrugated Wall Ties *(04 05 19 16)*		
04 05 19 16-0091		Hot-Dipped Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.91	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.95	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.96	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.98	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.10	
04 05 19 16-0097		Mill Galvanized, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	0.93	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	0.94	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	0.95	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	1.04	
04 05 19 16-0102		Stainless Steel, Corrugated Wall Ties *(04 05 19 16-0090)*		
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.22	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.27	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.32	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.37	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	1.64	
04 05 19 16-0108		Wire Mesh Wall Ties *(04 05 19 16)*		
		Note: 1/2" square mesh.		
04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.67	
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	1.96	
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.29	
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.81	
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.74	
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.20	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0115		Triangle Brick Ties *(04 05 19 16)*		
04 05 19 16-0116		Hot-Dipped Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*		
04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.51	
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.53	
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.55	
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.61	
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.62	
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.70	
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.74	
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.84	
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.71	
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.72	
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.74	
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.79	
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.81	
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.88	
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.91	
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.01	
04 05 19 16-0133		Mill Galvanized, Triangle Brick Ties *(04 05 19 16-0115)*		
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.41	
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.42	
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.43	
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.47	
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.48	
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.53	
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.55	
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.58	
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.53	
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.54	
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.55	
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.60	
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.61	
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.67	
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.70	
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	1.75	
04 05 19 16-0150		Seismic Veneer Anchors *(04 05 19 16)*		
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor Note: For horizontal wire attachment. Excludes wire.	5.05	
04 05 19 16-0152		Slip-Set, Joint Stabilization Anchors *(04 05 19 16)* Note: For restraining lateral movement at control joints. Field bendable.		
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	3.74	
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	4.03	
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	5.05	
04 05 19 16-0156		Strap Partition Top Anchors *(04 05 19 16)*		
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	2.30	
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	5.31	
04 05 19 16-0159		Rigid Partition Anchors *(04 05 19 16)*		
04 05 19 16-0160		Hot-Dipped Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*		
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	1.98	
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.10	
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.26	
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.40	
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.53	
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.67	
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.54	
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	2.97	
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.42	
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.86	
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.30	
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.74	
04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors *(04 05 19 16-0159)*		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.86	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.97	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.07	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.18	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.29	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.40	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0180		Screw-On Masonry Veneer Anchor Plates *(04 05 19 16)*		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.28	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.33	
04 05 19 16-0183		Wire Column Ties *(04 05 19 16)*		
04 05 19 16-0184		Hot-Dipped Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.48	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.55	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.61	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.68	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.54	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.61	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.65	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.70	
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.86	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.99	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.07	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.19	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.99	
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.07	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.15	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.23	
04 05 19 16-0201		Mill Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.35	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.39	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.42	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.47	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.37	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.41	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.44	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.48	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.63	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.72	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.75	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.84	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.60	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.73	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.79	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.84	
04 05 19 16-0218		Dovetail Anchors, Slots And Ties *(04 05 19 16)*		
04 05 19 16-0219		Dovetail Anchor Slots *(04 05 19 16-0218)*		
04 05 19 16-0220		Hot-Dipped Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.15	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.37	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.50	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.56	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.70	
04 05 19 16-0226		Mill Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.72	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.99	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.06	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.15	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.21	
04 05 19 16-0232		304 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.45	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.81	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.93	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.33	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.72	
04 05 19 16-0238		316 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	3.73	
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.00	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.27	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.61	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.82	
04 05 19 16-0244		Dovetail Corrugated Brick Ties *(04 05 19 16-0218)*		
04 05 19 16-0245		Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.15	
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.22	
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.29	
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.16	
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.29	
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.39	
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.20	
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.29	
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.38	
04 05 19 16-0255		Mill Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*		
04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.08	
04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.13	
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.17	
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.12	
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.21	
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.28	
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.13	
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.24	
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.31	
04 05 19 16-0265		Dovetail Stone Anchors *(04 05 19 16-0218)*		
04 05 19 16-0266		Hot-Dipped Galvanized, Dovetail Stone Anchors *(04 05 19 16-0265)*		
04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.29	
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.37	
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	1.44	
04 05 19 16-0270		Dovetail Partition Top Anchors *(04 05 19 16-0218)*		
04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor	2.45	
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor	5.72	
04 05 19 16-0273		Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0218)*		
04 05 19 16-0274		Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*		
04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.84	
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.93	
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	1.99	
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	2.06	
04 05 19 16-0279		Mill Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*		
04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.71	
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.72	
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.76	
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	1.86	
04 05 19 26		**Masonry Reinforcing Bars** *(04 05 19)*		
		Note: Includes cutting and bending.		
04 05 19 26-0001		Plain Steel Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	0.78	
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.27	
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.79	
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.33	
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	0.79	
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.29	
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.82	
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.37	
04 05 19 26-0010	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	0.93	
04 05 19 26-0011	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.50	
04 05 19 26-0012	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.11	
04 05 19 26-0013	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.72	
04 05 19 26-0014	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	0.94	
04 05 19 26-0015	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.52	
04 05 19 26-0016	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.14	
04 05 19 26-0017	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.76	
04 05 19 26-0018		Galvanized Steel Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0019	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	0.89	
04 05 19 26-0020	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.45	
04 05 19 26-0021	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.08	
04 05 19 26-0022	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.74	
04 05 19 26-0023	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	0.90	
04 05 19 26-0024	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.47	
04 05 19 26-0025	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.11	
04 05 19 26-0026	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.78	
04 05 19 26-0027	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.04	
04 05 19 26-0028	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.68	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0029	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.40	
04 05 19 26-0030	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.13	
04 05 19 26-0031	LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.05	
04 05 19 26-0032	LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.70	
04 05 19 26-0033	LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.43	
04 05 19 26-0034	LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.17	

04 05 19 26-0035 Epoxy-Coated Masonry Reinforcement Bar *(04 05 19 26)*

04 05 19 26-0036	LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	0.87	
04 05 19 26-0037	LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.43	
04 05 19 26-0038	LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.05	
04 05 19 26-0039	LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.70	
04 05 19 26-0040	LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	0.88	
04 05 19 26-0041	LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.45	
04 05 19 26-0042	LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.07	
04 05 19 26-0043	LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.74	
04 05 19 26-0044	LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.02	
04 05 19 26-0045	LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.66	
04 05 19 26-0046	LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.37	
04 05 19 26-0047	LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.09	
04 05 19 26-0048	LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.03	
04 05 19 26-0049	LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.68	
04 05 19 26-0050	LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.39	
04 05 19 26-0051	LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.13	

04 05 23 Masonry Accessories *(04 05)*

04 05 23 13 Masonry Control And Expansion Joints *(04 05 23)*

04 05 23 13-0001 Masonry Control Joints *(04 05 23 13)*

04 05 23 13-0002 Rubber, Masonry Control Joints *(04 05 23 13-0001)*

04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint	4.18	0.90
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint	4.09	0.90
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint	7.99	0.90

04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints *(04 05 23 13-0001)*

04 05 23 13-0007	LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint	2.93	0.90
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	3.00	0.90
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	3.78	0.90
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.22	0.90
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.06	0.90

04 05 23 16 Masonry Embedded Flashing *(04 05 23)*

04 05 23 16-0001 Lead Coated Copper Through Wall Flashing *(04 05 23 16)*

04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	6.89	1.56
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.56	1.56
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.41	1.56
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.05	1.56

04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.54	1.56
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	8.14	1.56
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.28	1.56
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	12.25	1.56

04 05 23 16-0012 Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*

04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.04	1.56
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	7.88	1.56
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.08	1.56
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.59	1.56

04 05 23 16-0017 Copper Through Wall Flashing *(04 05 23 16)*

04 05 23 16-0018 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*

04 05 23 16-0019	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	5.89	1.46
04 05 23 16-0020	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	6.38	1.46
04 05 23 16-0021	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	7.74	1.46
04 05 23 16-0022	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.94	1.46
04 05 23 16-0023	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	9.45	1.46

04 05 23 16-0024 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*

04 05 23 16-0025	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.37	1.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 16-0026	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.81	1.46
04 05 23 16-0027	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.38	1.46
04 05 23 16-0028	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.82	1.46
04 05 23 16-0029	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	10.67	1.46
04 05 23 16-0030		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0031	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.94	1.46
04 05 23 16-0032	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.44	1.46
04 05 23 16-0033	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.79	1.46
04 05 23 16-0034	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.99	1.46
04 05 23 16-0035	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.50	1.46
04 05 23 16-0036		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0037	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.01	1.46
04 05 23 16-0038	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.61	1.46
04 05 23 16-0039	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.49	1.46
04 05 23 16-0040	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.33	1.46
04 05 23 16-0041	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.65	1.46
04 05 23 16-0042		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
04 05 23 16-0043	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.02	1.46
04 05 23 16-0044	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.83	1.46
04 05 23 16-0045		2 Sides Glass Fabric, Thru-Wall Copper Flashing *(04 05 23 16-0017)*		
		Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0046	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	6.97	1.46
04 05 23 16-0047	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	8.59	1.46
04 05 23 16-0048		Stainless Steel Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0049		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing *(04 05 23 16-0048)*		
04 05 23 16-0050	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	5.68	1.46
04 05 23 16-0051		Polyvinyl Chloride (PVC) Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0052	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.43	1.47
04 05 23 16-0053	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.59	1.47
04 05 23 16-0054	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.77	1.47
04 05 23 16-0055	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.37	1.47
04 05 23 19		**Masonry Cavity Drainage, Weepholes, And Vents** ***(04 05 23)***		
04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen *(04 05 23 19)*		
		Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	54.09	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	66.86	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	83.89	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	65.28	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	80.33	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	101.09	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	76.56	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	102.89	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	124.83	
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	102.26	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	132.84	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	162.35	

04 20 Unit Masonry *(04)*

Note: Includes pointing and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry *(04 20)*

04 21 13 Brick Masonry *(04 21)*

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001		Brick Masonry *(04 21 13)*	
04 21 13 00-0002	SF	Standard Size Brick, Red, Running Bond	23.72
		Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)	
		For Buff Or Gray, Add	*1.09*
		For Common Or American Bond, Add	*0.69*
		For English Bond, Add	*1.38*
		For Flemish Bond, Add	*2.91*
		For Stacked Bond, Add	*2.05*
		For <10, Small Area Replacements (Individual Areas), Add	*26.13*
		For Curved Wall, Add	*3.44*
		For Corbels, Add	*12.90*
		For Severe Weather (SW) Brick, Add	*0.98*
		For Glazed Brick, Add	*22.82*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0003	SF	Engineer Standard Size Brick, Red, Running Bond	24.88	
		Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)		
		For Buff Or Gray, Add	*1.35*	
		For Common Or American Bond, Add	*0.67*	
		For English Bond, Add	*1.34*	
		For Flemish Bond, Add	*2.92*	
		For Stacked Bond, Add	*2.08*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.60*	
		For Curved Wall, Add	*3.36*	
		For Corbels, Add	*12.60*	
		For Severe Weather (SW) Brick, Add	*1.21*	
		For Glazed Brick, Add	*28.28*	
04 21 13 00-0004	SF	Modular Size Brick, Red, Running Bond	23.72	
		Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)		
		For Buff Or Gray, Add	*1.09*	
		For Common Or American Bond, Add	*0.69*	
		For English Bond, Add	*1.38*	
		For Flemish Bond, Add	*2.91*	
		For Stacked Bond, Add	*2.05*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.13*	
		For Curved Wall, Add	*3.44*	
		For Corbels, Add	*12.90*	
		For Severe Weather (SW) Brick, Add	*0.98*	
		For Glazed Brick, Add	*22.82*	
04 21 13 00-0005	SF	Engineer Modular Size Brick, Red, Running Bond	24.88	
		Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)		
		For Buff Or Gray, Add	*1.35*	
		For Common Or American Bond, Add	*0.67*	
		For English Bond, Add	*1.34*	
		For Flemish Bond, Add	*2.92*	
		For Stacked Bond, Add	*2.08*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.60*	
		For Curved Wall, Add	*3.36*	
		For Corbels, Add	*12.60*	
		For Severe Weather (SW) Brick, Add	*1.21*	
		For Glazed Brick, Add	*28.28*	
04 21 13 00-0006	SF	Economy Size Brick, Red, Running Bond	24.66	
		Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)		
		For Buff Or Gray, Add	*1.31*	
		For Common Or American Bond, Add	*0.67*	
		For English Bond, Add	*1.34*	
		For Flemish Bond, Add	*2.91*	
		For Stacked Bond, Add	*2.07*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.59*	
		For Curved Wall, Add	*3.36*	
		For Corbels, Add	*12.60*	
		For Severe Weather (SW) Brick, Add	*1.18*	
		For Glazed Brick, Add	*27.51*	
04 21 13 00-0007	SF	Utility Size Brick, Red, Running Bond	18.46	
		Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)		
		For Buff Or Gray, Add	*1.12*	
		For Common Or American Bond, Add	*0.47*	
		For English Bond, Add	*0.94*	
		For Flemish Bond, Add	*2.10*	
		For Stacked Bond, Add	*1.51*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.93*	
		For Curved Wall, Add	*2.35*	
		For Corbels, Add	*8.80*	
		For Severe Weather (SW) Brick, Add	*1.01*	
		For Glazed Brick, Add	*23.56*	
04 21 13 00-0008	SF	Double Utility Size Brick, Red, Running Bond	16.45	
		Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)		
		For Buff Or Gray, Add	*0.79*	
		For Common Or American Bond, Add	*0.47*	
		For English Bond, Add	*0.94*	
		For Flemish Bond, Add	*2.00*	
		For Stacked Bond, Add	*1.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.83*	
		For Curved Wall, Add	*2.35*	
		For Corbels, Add	*8.80*	
		For Severe Weather (SW) Brick, Add	*0.71*	
		For Glazed Brick, Add	*16.52*	
04 21 13 00-0009	SF	Norman Size Brick, Red, Running Bond	25.28	
		Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)		
		For Buff Or Gray, Add	*1.41*	
		For Common Or American Bond, Add	*0.67*	
		For English Bond, Add	*1.34*	
		For Flemish Bond, Add	*2.94*	
		For Stacked Bond, Add	*2.10*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.62*	
		For Curved Wall, Add	*3.36*	
		For Corbels, Add	*12.60*	
		For Severe Weather (SW) Brick, Add	*1.27*	
		For Glazed Brick, Add	*29.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0010	SF	Roman Size Brick, Red, Running Bond Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)	27.07	
		For Buff Or Gray, Add	*1.71*	
		For Common Or American Bond, Add	*0.67*	
		For English Bond, Add	*1.34*	
		For Flemish Bond, Add	*3.03*	
		For Stacked Bond, Add	*2.19*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.71*	
		For Curved Wall, Add	*3.36*	
		For Corbels, Add	*12.60*	
		For Severe Weather (SW) Brick, Add	*1.54*	
		For Glazed Brick, Add	*35.95*	
04 21 13 00-0011		Fire Brick *(04 21 13)*		
04 21 13 00-0012	SF	Fire Brick, Red, Running Bond	28.85	
		For Buff Or Gray, Add	*2.01*	
		For Common Or American Bond, Add	*0.67*	
		For English Bond, Add	*1.34*	
		For Flemish Bond, Add	*3.12*	
		For Stacked Bond, Add	*2.28*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.80*	
04 21 13 00-0013		Window Sill *(04 21 13)*		
04 21 13 00-0014	LF	Window Sill, Standard Size Brick, Red, On Edge Note: Standard size brick, 3-5/8" x 2-1/4" x 8".	19.36	
		For Buff Or Gray, Add	*0.16*	
04 21 13 00-0015	LF	Window Sill, Engineer Standard Size Brick, Red, On Edge Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8".	19.47	
		For Buff Or Gray, Add	*0.18*	
04 21 13 00-0016	LF	Window Sill, Modular Size Brick, Red, On Edge Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8".	19.36	
		For Buff Or Gray, Add	*0.16*	
04 21 13 00-0017	LF	Window Sill, Engineer Modular Size Brick, Red, On Edge Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8".	19.55	
		For Buff Or Gray, Add	*0.19*	
04 21 13 00-0018	LF	Window Sill, Economy Size Brick, Red, On Edge Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8".	20.04	
		For Buff Or Gray, Add	*0.27*	
04 21 13 00-0019	LF	Window Sill, Utility Size Brick, Red, On Edge Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8".	20.15	
		For Buff Or Gray, Add	*0.29*	
04 21 13 00-0020	LF	Window Sill, Double Utility Size Brick, Red, On Edge Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8".	20.15	
		For Buff Or Gray, Add	*0.29*	
04 21 13 00-0021	LF	Window Sill, Norman Size Brick, Red, On Edge Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8".	19.61	
		For Buff Or Gray, Add	*0.20*	
04 21 13 00-0022	LF	Window Sill, Roman Size Brick, Red, On Edge Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8".	19.66	
		For Buff Or Gray, Add	*0.21*	
04 21 26		**Glazed Structural Clay Tile Masonry** *(04 21)* Note: Includes tile and mortar in all colors.		
04 21 26 00-0001		6T Series Structural Glazed Clay Tile *(04 21 26)*		
04 21 26 00-0002		Glazed On One Side 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*		
04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	28.74	
		For Stacked Bond, Add	*1.84*	
04 21 26 00-0004	SF	4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	32.35	
		For Stacked Bond, Add	*1.84*	
04 21 26 00-0005	SF	6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	39.73	
		For Stacked Bond, Add	*1.92*	
04 21 26 00-0006		Special Shapes 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*		
04 21 26 00-0007	LF	Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile	29.91	
		For Stacked Bond, Add	*2.17*	
04 21 26 00-0008	LF	2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile	35.93	
		For Stacked Bond, Add	*2.17*	
04 21 26 00-0009		8W Series Structural Glazed Clay Tile *(04 21 26)*		
04 21 26 00-0010		Glazed On One Side 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*		
04 21 26 00-0011	SF	2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	22.73	
		For Stacked Bond, Add	*1.17*	
04 21 26 00-0012	SF	4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	28.43	
		For Stacked Bond, Add	*1.25*	
04 21 26 00-0013	SF	6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	39.53	
		For Stacked Bond, Add	*1.33*	
04 21 26 00-0014		Special Shapes 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*		
04 21 26 00-0015	LF	Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile	31.17	
		For Stacked Bond, Add	*1.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0016	LF	2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile	31.12	
		For Stacked Bond, Add	*1.50*	

04 21 26 00-0017 4W Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0018 Glazed On One Side 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

04 21 26 00-0019	SF	2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	30.09	
		For Stacked Bond, Add	*1.84*	
04 21 26 00-0020	SF	4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	31.90	
		For Stacked Bond, Add	*1.84*	
04 21 26 00-0021	SF	6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	39.95	
		For Stacked Bond, Add	*1.92*	

04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

04 21 26 00-0023	LF	Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	31.01	
		For Stacked Bond, Add	*2.17*	
04 21 26 00-0024	LF	2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile	35.83	
		For Stacked Bond, Add	*2.17*	

04 21 26 00-0025 6T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*

04 21 26 00-0026	SF	4" Thick, 6T Sound Absorbing Structural Glazed Tile	44.54	
04 21 26 00-0027	SF	6" Thick, 6T Sound Absorbing Structural Glazed Tile	48.69	
04 21 26 00-0028	SF	8" Thick, 6T Sound Absorbing Structural Glazed Tile	56.66	

04 21 26 00-0029 8T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*

04 21 26 00-0030	SF	4" Thick, 8T Sound Absorbing Structural Glazed Tile	60.36	
04 21 26 00-0031	SF	6" Thick, 8T Sound Absorbing Structural Glazed Tile	69.68	
04 21 26 00-0032	SF	8" Thick, 8T Acoustical Glazed Tile	81.65	

04 22 Concrete Unit Masonry *(04 20)*

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry *(04 22)*

04 22 23 13 Exposed Aggregate Concrete Unit Masonry *(04 22 23)*

04 22 23 13-0001 Concrete Blocks *(04 22 23 13)*

04 22 23 13-0002 Lightweight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0003 Cored, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0004	SF	4" x 8" x 16", Cored, Lightweight, Concrete Block	10.63	
		For Stacked Bond, Add	*2.30*	
		For Scored Block, Add	*0.35*	
		For Curved Wall Application, Add	*1.77*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.42*	
04 22 23 13-0005	SF	6" x 8" x 16", Cored, Lightweight, Concrete Block	11.84	
		For Stacked Bond, Add	*2.50*	
		For Scored Block, Add	*0.45*	
		For Curved Wall Application, Add	*1.92*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.57*	
04 22 23 13-0006	SF	8" x 8" x 16", Cored, Lightweight, Concrete Block	12.82	
		For Stacked Bond, Add	*2.68*	
		For Scored Block, Add	*0.50*	
		For Curved Wall Application, Add	*2.06*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.64*	
04 22 23 13-0007	SF	10" x 8" x 16", Cored, Lightweight, Concrete Block	14.14	
		For Stacked Bond, Add	*2.80*	
		For Scored Block, Add	*0.67*	
		For Curved Wall Application, Add	*2.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.42*	
04 22 23 13-0008	SF	12" x 8" x 16", Cored, Lightweight, Concrete Block	16.77	
		For Stacked Bond, Add	*3.42*	
		For Scored Block, Add	*0.72*	
		For Curved Wall Application, Add	*2.63*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.00*	

04 22 23 13-0009 Solid, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0010	SF	4" x 8" x 16", Solid, Lightweight, Concrete Block	11.45	
		For Stacked Bond, Add	*2.36*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*1.82*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.81*	
04 22 23 13-0011	SF	6" x 8" x 16", Solid, Lightweight, Concrete Block	12.56	
		For Stacked Bond, Add	*2.60*	
		For Scored Block, Add	*0.51*	
		For Curved Wall Application, Add	*2.00*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.21*	
04 22 23 13-0012	SF	8" x 8" x 16", Solid, Lightweight, Concrete Block	13.25	
		For Stacked Bond, Add	*2.76*	
		For Scored Block, Add	*0.53*	
		For Curved Wall Application, Add	*2.12*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0013	SF	10" x 8" x 16", Solid, Lightweight, Concrete Block	14.77	
		For Stacked Bond, Add	*2.89*	
		For Scored Block, Add	*0.73*	
		For Curved Wall Application, Add	*2.22*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.95*	
04 22 23 13-0014	SF	12" x 8" x 16", Solid, Lightweight, Concrete Block	17.48	
		For Stacked Bond, Add	*3.53*	
		For Scored Block, Add	*0.78*	
		For Curved Wall Application, Add	*2.72*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.66*	

04 22 23 13-0015 Normal Weight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0016 Cored, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

04 22 23 13-0017	SF	4" x 8" x 16", Cored, Normal Weight, Concrete Block	10.86	
		For Stacked Bond, Add	*2.36*	
		For Scored Block, Add	*0.35*	
		For Curved Wall Application, Add	*1.82*	
		For <10, Small Area Replacements (Individual Areas), Add	*13.77*	
04 22 23 13-0018	SF	6" x 8" x 16", Cored, Normal Weight, Concrete Block	12.03	
		For Stacked Bond, Add	*2.60*	
		For Scored Block, Add	*0.40*	
		For Curved Wall Application, Add	*2.00*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.17*	
04 22 23 13-0019	SF	8" x 8" x 16", Cored, Normal Weight, Concrete Block	12.94	
		For Stacked Bond, Add	*2.76*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*2.12*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.09*	
04 22 23 13-0020	SF	10" x 8" x 16", Cored, Normal Weight, Concrete Block	15.61	
		For Stacked Bond, Add	*2.89*	
		For Scored Block, Add	*0.90*	
		For Curved Wall Application, Add	*2.22*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.02*	
04 22 23 13-0021	SF	12" x 8" x 16", Cored, Normal Weight, Concrete Block	18.21	
		For Stacked Bond, Add	*3.53*	
		For Scored Block, Add	*0.93*	
		For Curved Wall Application, Add	*2.72*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.72*	

04 22 23 13-0022 Solid, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

04 22 23 13-0023	SF	4" x 8" x 16", Solid, Normal Weight, Concrete Block	11.58	
		For Stacked Bond, Add	*2.43*	
		For Scored Block, Add	*0.45*	
		For Curved Wall Application, Add	*1.87*	
		For <10, Small Area Replacements (Individual Areas), Add	*14.18*	
04 22 23 13-0024	SF	6" x 8" x 16", Solid, Normal Weight, Concrete Block	12.38	
		For Stacked Bond, Add	*2.68*	
		For Scored Block, Add	*0.42*	
		For Curved Wall Application, Add	*2.06*	
		For <10, Small Area Replacements (Individual Areas), Add	*15.61*	
04 22 23 13-0025	SF	8" x 8" x 16", Solid, Normal Weight, Concrete Block	13.35	
		For Stacked Bond, Add	*2.84*	
		For Scored Block, Add	*0.48*	
		For Curved Wall Application, Add	*2.19*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.59*	
04 22 23 13-0026	SF	10" x 8" x 16", Solid, Normal Weight, Concrete Block	14.70	
		For Stacked Bond, Add	*2.98*	
		For Scored Block, Add	*0.64*	
		For Curved Wall Application, Add	*2.30*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.46*	
04 22 23 13-0027	SF	12" x 8" x 16", Solid, Normal Weight, Concrete Block	17.41	
		For Stacked Bond, Add	*3.65*	
		For Scored Block, Add	*0.67*	
		For Curved Wall Application, Add	*2.81*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.33*	

04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13)*

04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0030	LF	6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	12.36	
		For Stacked Bond, Add	*2.50*	
		For Grout And Fill With 2 #5 Rebar, Add	*7.56*	
		For Scored Block, Add	*0.55*	
		For Curved Wall Application, Add	*1.92*	
04 22 23 13-0031	LF	8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	13.64	
		For Stacked Bond, Add	*2.68*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.49*	
		For Scored Block, Add	*0.67*	
		For Curved Wall Application, Add	*2.06*	
04 22 23 13-0032	LF	12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	16.70	
		For Stacked Bond, Add	*3.42*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.13*	
		For Scored Block, Add	*0.71*	
		For Curved Wall Application, Add	*2.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0033		Normal Weight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*		
		Note: Excludes concrete fill and reinforcing.		
04 22 23 13-0034	LF	6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	12.38	
		For Stacked Bond, Add	*2.60*	
		For Grout And Fill With 2 #5 Rebar, Add	*7.38*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*2.00*	
04 22 23 13-0035	LF	8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	13.56	
		For Stacked Bond, Add	*2.76*	
		For Grout And Fill With 2 #5 Rebar, Add	*8.26*	
		For Scored Block, Add	*0.59*	
		For Curved Wall Application, Add	*2.12*	
04 22 23 13-0036	LF	12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	16.74	
		For Stacked Bond, Add	*3.53*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.95*	
		For Scored Block, Add	*0.63*	
		For Curved Wall Application, Add	*2.72*	
04 22 23 23		**Prefaced Concrete Unit Masonry** *(04 22 23)*		
04 22 23 23-0001		Ground Face Concrete Blocks *(04 22 23 23)*		
04 22 23 23-0002	SF	4" x 8" x 16", Ground Face, Concrete Block	13.95	
		For Stacked Bond, Add	*2.89*	
		For Scored Block, Add	*0.57*	
		For Curved Wall Application, Add	*2.22*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.89*	
04 22 23 23-0003	SF	6" x 8" x 16", Ground Face, Concrete Block	15.73	
		For Stacked Bond, Add	*3.25*	
		For Scored Block, Add	*0.64*	
		For Curved Wall Application, Add	*2.50*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.01*	
04 22 23 23-0004	SF	8" x 8" x 16", Ground Face, Concrete Block	17.03	
		For Stacked Bond, Add	*3.44*	
		For Scored Block, Add	*0.76*	
		For Curved Wall Application, Add	*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.12*	
04 22 23 23-0005	SF	10" x 8" x 16", Ground Face, Concrete Block	18.22	
		For Stacked Bond, Add	*3.64*	
		For Scored Block, Add	*0.84*	
		For Curved Wall Application, Add	*2.80*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.33*	
04 22 23 23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block	21.58	
		For Stacked Bond, Add	*4.41*	
		For Scored Block, Add	*0.92*	
		For Curved Wall Application, Add	*3.40*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.82*	
04 22 23 26		**Sound-Absorbing Concrete Unit Masonry** *(04 22 23)*		
04 22 23 26-0001		Slotted, Acoustical Concrete Block *(04 22 23 26)*		
04 22 23 26-0002	SF	4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	18.94	
		For Stacked Bond, Add	*2.89*	
		For Curved Wall Application, Add	*2.22*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.27*	
04 22 23 26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	21.25	
		For Stacked Bond, Add	*3.14*	
		For Curved Wall Application, Add	*2.42*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.81*	
04 22 23 26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	24.52	
		For Stacked Bond, Add	*3.44*	
		For Curved Wall Application, Add	*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.68*	
04 22 23 29		**Split-Face Concrete Unit Masonry** *(04 22 23)*		
04 22 23 29-0001		Split Face, Concrete Blocks *(04 22 23 29)*		
04 22 23 29-0002		Plain Or Scored, Split Face, Concrete Blocks *(04 22 23 29-0001)*		
04 22 23 29-0003	SF	4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	14.29	
		For Stacked Bond, Add	*2.89*	
		For Curved Wall Application, Add	*2.22*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.92*	
04 22 23 29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	16.13	
		For Stacked Bond, Add	*3.25*	
		For Curved Wall Application, Add	*2.50*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.04*	
04 22 23 29-0005	SF	8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	17.48	
		For Stacked Bond, Add	*3.44*	
		For Curved Wall Application, Add	*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.15*	
04 22 23 29-0006	SF	10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	18.75	
		For Stacked Bond, Add	*3.64*	
		For Curved Wall Application, Add	*2.80*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0007	SF	12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	21.55	
		For Stacked Bond, Add	*4.41*	
		For Curved Wall Application, Add	*3.40*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.81*	

04 22 23 29-0008 Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks *(04 22 23 29-0001)*

04 22 23 29-0009	SF	4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	15.08	
		For Stacked Bond, Add	*2.89*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.52*	
		For Curved Wall Application, Add	*2.22*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.98*	
04 22 23 29-0010	SF	6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	17.03	
		For Stacked Bond, Add	*3.25*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.78*	
		For Curved Wall Application, Add	*2.50*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.10*	
04 22 23 29-0011	SF	8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	18.55	
		For Stacked Bond, Add	*3.44*	
		For Grout And Fill With 2 #5 Rebar, Add	*11.94*	
		For Curved Wall Application, Add	*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.23*	
04 22 23 29-0012	SF	10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	19.93	
		For Stacked Bond, Add	*3.64*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.93*	
		For Curved Wall Application, Add	*2.80*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.46*	
04 22 23 29-0013	SF	12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	22.69	
		For Stacked Bond, Add	*4.41*	
		For Grout And Fill With 2 #5 Rebar, Add	*14.20*	
		For Curved Wall Application, Add	*3.40*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.90*	

04 22 23 29-0014 Split Rib, Concrete Block *(04 22 23 29)*

04 22 23 29-0015 Split Rib, Concrete Block *(04 22 23 29-0014)*

04 22 23 29-0016	SF	4" x 8" x 16", Split Rib, Concrete Block	14.04	
		For Stacked Bond, Add	*2.89*	
		For Curved Wall Application, Add	*2.22*	
		For <10, Small Area Replacements (Individual Areas), Add	*16.90*	
04 22 23 29-0017	SF	6" x 8" x 16", Split Rib, Concrete Block	16.72	
		For Stacked Bond, Add	*3.25*	
		For Curved Wall Application, Add	*2.50*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.08*	
04 22 23 29-0018	SF	8" x 8" x 16", Split Rib, Concrete Block	17.79	
		For Stacked Bond, Add	*3.44*	
		For Curved Wall Application, Add	*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.17*	
04 22 23 29-0019	SF	10" x 8" x 16", Split Rib, Concrete Block	19.00	
		For Stacked Bond, Add	*3.64*	
		For Curved Wall Application, Add	*2.80*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.39*	
04 22 23 29-0020	SF	12" x 8" x 16", Split Rib, Concrete Block	22.45	
		For Stacked Bond, Add	*4.41*	
		For Curved Wall Application, Add	*3.40*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.88*	

04 22 23 31 Glazed Concrete Masonry Unit *(04 22 23)*

04 22 23 31-0001 One Glazed Face, Concrete Blocks *(04 22 23 31)*

04 22 23 31-0002 One Glazed Face, Concrete Blocks *(04 22 23 31-0001)*

04 22 23 31-0003	SF	4" x 8" x 16", One Glazed Face, Concrete Block	24.80	
		For Stacked Bond, Add	*2.80*	
		For Curved Wall Application, Add	*2.16*	
		For <10, Small Area Replacements (Individual Areas), Add	*17.22*	
04 22 23 31-0004	SF	6" x 8" x 16", One Glazed Face, Concrete Block	26.55	
		For Stacked Bond, Add	*3.09*	
		For Curved Wall Application, Add	*2.37*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.91*	
04 22 23 31-0005	SF	8" x 8" x 16", One Glazed Face, Concrete Block	28.11	
		For Stacked Bond, Add	*3.25*	
		For Curved Wall Application, Add	*2.50*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.94*	
04 22 23 31-0006	SF	10" x 8" x 16", One Glazed Face, Concrete Block	29.78	
		For Stacked Bond, Add	*3.44*	
		For Curved Wall Application, Add	*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.07*	
04 22 23 31-0007	SF	12" x 8" x 16", One Glazed Face, Concrete Block	33.35	
		For Stacked Bond, Add	*4.15*	
		For Curved Wall Application, Add	*3.20*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.27*	

04 22 23 31-0008 Two Glazed Faces, Concrete Blocks *(04 22 23 31)*

04 22 23 31-0009 Two Glazed Faces, Concrete Blocks *(04 22 23 31-0008)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 31-0010	SF	4" x 8" x 16", Two Glazed Faces, Concrete Block	33.10	
		For Stacked Bond, Add	*3.20*	
		For Curved Wall Application, Add	*2.46*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.00*	
04 22 23 31-0011	SF	6" x 8" x 16", Two Glazed Faces, Concrete Block	34.72	
		For Stacked Bond, Add	*3.44*	
		For Curved Wall Application, Add	*2.64*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.44*	
04 22 23 31-0012	SF	8" x 8" x 16", Two Glazed Faces, Concrete Block	37.03	
		For Stacked Bond, Add	*3.80*	
		For Curved Wall Application, Add	*2.92*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.58*	

04 23 Glass Unit Masonry *(04 20)*

04 23 13 Vertical Glass Unit Masonry *(04 23)*

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001 Glass Block Unit Masonry *(04 23 13)*

04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	52.38	
		For Solar Reflective (Suntrol) Blocks, Add	*8.41*	
		For Essex (Horizontal Striated) Blocks, Add	*4.80*	
		For Sculptured Or Patterned Blocks, Add	*8.41*	
		For Colored Glass, Add	*24.02*	
		For Thinline Block, Deduct	*-6.01*	
		For >1,000 To 5,000, Deduct	*-4.03*	
		For >5,000, Deduct	*-6.64*	
04 23 13 00-0003	SF	8" x 8" x 4" Plain Glass Block	37.85	
		For Solar Reflective (Suntrol) Blocks, Add	*5.95*	
		For Essex (Horizontal Striated) Blocks, Add	*3.40*	
		For Sculptured Or Patterned Blocks, Add	*5.95*	
		For Colored Glass, Add	*17.00*	
		For Thinline Block, Deduct	*-4.25*	
		For >1,000 To 5,000, Deduct	*-2.93*	
		For >5,000, Deduct	*-4.82*	
04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block	40.91	
		For Solar Reflective (Suntrol) Blocks, Add	*7.61*	
		For Essex (Horizontal Striated) Blocks, Add	*4.35*	
		For Sculptured Or Patterned Blocks, Add	*7.61*	
		For Colored Glass, Add	*21.73*	
		For Thinline Block, Deduct	*-5.43*	
		For >1,000 To 5,000, Deduct	*-3.00*	
		For >5,000, Deduct	*-5.04*	

04 23 13 00-0005 Solid Glass Block (Vistabrik®) *(04 23 13)*

04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®)	431.25	
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®)	329.13	
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®)	228.22	
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®)	160.20	

04 40 Stone Assemblies *(04)*

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone *(04 40)*

04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone *(04 41)*

04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	34.64	6.92
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	35.54	6.92

04 42 Exterior Stone Cladding *(04 40)*

04 42 43 Stone Panels For Curtain Walls *(04 42)*

04 42 43 00-0001 Marble Facing Panels *(04 42 43)*

Note: 3' x 1.5'

04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels	56.42	14.47
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels	59.41	14.65
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	68.14	14.93
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	74.62	15.40
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	79.51	16.33
04 42 43 00-0007	CF	Marble Face Panel	331.26	53.19

04 42 43 00-0008 Smooth Limestone Panels *(04 42 43)*

Note: Up to 12' x 5' panels.

04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	51.36	29.03
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	54.50	30.42
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	57.83	31.82
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	67.22	35.00

04 42 43 00-0013 Sandstone Panels *(04 42 43)*

04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	59.21	30.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 42 43 00-0015	SF	4" Thick Sandstone Panels	64.83	35.00
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	59.26	35.00

04 43 Stone Masonry *(04 40)*

04 43 16 Stone Fabrications *(04 43)*

04 43 16 00-0001 Marble *(04 43 16)*

04 43 16 00-0002 Marble Base *(04 43 16 00-0001)*

Note: 1" thick.

04 43 16 00-0003	LF	4" High Marble Base	92.72	60.39
04 43 16 00-0004	LF	6" High Marble Base	104.57	65.79

04 43 16 00-0005 Marble Columns *(04 43 16 00-0001)*

04 43 16 00-0006	CF	Plain Faced Solid Marble Columns	232.61	53.19
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns	377.55	53.19

04 43 16 00-0008 Marble Flooring *(04 43 16 00-0001)*

04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring	25.30	13.83
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring	26.90	13.83
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring	32.08	15.80

04 43 16 00-0012 Marble Items *(04 43 16 00-0001)*

04 43 16 00-0013	LF	12" Wide Marble Stair Treads	63.87	21.85
04 43 16 00-0014	LF	6" Wide Marble Stair Risers	48.83	17.52
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills	29.77	12.93
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	55.75	15.88
04 43 16 00-0017	SF	7/8" Thick, Non Skid, Marble Patio Blocks	34.15	20.04

04 43 16 00-0018 Limestone *(04 43 16)*

04 43 16 00-0019 Ashlar Veneer Limestone *(04 43 16 00-0018)*

04 43 16 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes	54.17	21.85
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	82.44	30.02

04 43 16 00-0022 Limestone Items *(04 43 16 00-0018)*

04 43 16 00-0023	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim	164.69	73.65

04 43 16 00-0024 Limestone Coping *(04 43 16 00-0018)*

Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.

04 43 16 00-0025	SF	2-1/2" Thick Limestone Coping	25.68	7.46
04 43 16 00-0026	SF	3" Thick Limestone Coping	28.75	7.94
04 43 16 00-0027	SF	3-1/2" Thick Limestone Coping	31.84	8.40
04 43 16 00-0028	SF	4" Thick Limestone Coping	33.99	8.68
04 43 16 00-0029	SF	5" Thick Limestone Coping	39.22	8.86
04 43 16 00-0030	SF	6" Thick Limestone Coping	57.09	9.34
04 43 16 00-0031	CF	>6" Thick Limestone Coping	94.95	19.64

04 43 16 00-0032 Limestone Stair Treads *(04 43 16 00-0018)*

04 43 16 00-0033	SF	2" Thick Limestone Treads	30.66	7.00
04 43 16 00-0034	SF	2-1/2" Thick Limestone Treads	32.60	7.46
04 43 16 00-0035	SF	3" Thick Limestone Treads	36.51	7.94
04 43 16 00-0036	SF	3-1/2" Thick Limestone Treads	39.49	8.40
04 43 16 00-0037	SF	4" Thick Limestone Treads	42.46	8.40
04 43 16 00-0038	SF	5" Thick Limestone Treads	46.55	8.86
04 43 16 00-0039	SF	6" Thick Limestone Tread, Smooth Finish	64.51	9.34

04 43 16 00-0040 Granite *(04 43 16)*

04 43 16 00-0041 Polished Granite Veneer Facing Panels *(04 43 16 00-0040)*

Note: Excludes structural support steel.

04 43 16 00-0042	SF	7/8" Thick Black Polished Granite Veneer Facing Panels	83.80	29.21
04 43 16 00-0043	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels	76.70	29.21

04 43 16 00-0044 Granite Stair Treads *(04 43 16 00-0040)*

04 43 16 00-0045	SF	2" Thick Granite Stair Tread	48.88	7.00

04 43 16 00-0046 Slate *(04 43 16)*

04 43 16 00-0047 Slate Panels Or Sills *(04 43 16 00-0046)*

04 43 16 00-0048	SF	1" Thick Slate Panels	53.06	29.21
04 43 16 00-0049	SF	2" Thick Slate Panels	62.22	29.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0050		Slate Sills Or Stools *(04 43 16 00-0046)*		
04 43 16 00-0051	LF	6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	24.84	13.01
04 43 16 00-0052	LF	10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	30.67	13.01
04 43 16 00-0053	LF	6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	29.84	13.01
04 43 16 00-0054	LF	10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	42.34	13.01
04 43 16 00-0055		Slate Stair Treads *(04 43 16 00-0046)*		
04 43 16 00-0056	SF	2" Thick Slate Stair Tread	36.32	7.00

04 70 Manufactured Masonry *(04)*

04 72 Cast Stone Masonry *(04 70)*

04 72 00 00-0001 Precast Concrete Lintels *(04 72)*

04 72 00 00-0002 Solid Precast Concrete Lintels *(04 72 00 00-0001)*

04 72 00 00-0003	LF	4" x 8", Solid Precast Concrete Lintel	12.92	
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel	15.90	
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel	19.28	

04 72 00 00-0006 U Shaped Precast Concrete Lintels *(04 72 00 00-0001)*
Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.

04 72 00 00-0007	LF	6" x 8", U Shaped Precast Concrete Lintel	13.81	
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel	16.44	
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel	25.47	

04 72 00 00-0010 Precast Concrete Coping *(04 72)*
Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts. See CSI section 04 43 00 00-0000 for stone coping, 07 62 00 00-0000 for metal copings.

04 72 00 00-0011 Precast Concrete Coping *(04 72 00 00-0010)*
Note: Measured at highest point.

04 72 00 00-0012	SF	2" Thick Precast Concrete Coping	45.42	10.64
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	51.05	11.45
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	58.88	12.27
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	63.25	13.09
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	67.67	13.91
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	80.30	14.73
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	91.46	15.55

04 72 00 00-0019 Precast Concrete Window Sills *(04 72)*
Note: Includes caulk and ties.

04 72 00 00-0020 Precast Concrete Window Sills *(04 72 00 00-0019)*

04 72 00 00-0021	LF	6" Wide Precast Concrete Window Sill	33.20	8.18
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill	49.43	8.18
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill	58.22	8.18

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 Metals

05 05 Common Work Results For Metals *(05)*

05 05 19 Post-Installed Concrete Anchors *(05 05)*

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001 Concrete And Masonry Anchors *(05 05 19)*

05 05 19 00-0002 Expansion Anchors *(05 05 19 00-0001)*

Note: Includes drilling.

05 05 19 00-0003 Wedge Expansion Bolt Anchors *(05 05 19 00-0002)*

05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0005	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.14
		For >10 To 50, Deduct	*-0.48*
		For >50 To 100, Deduct	*-0.97*
		For >100, Deduct	*-1.95*
05 05 19 00-0006	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.23
		For >10 To 50, Deduct	*-0.48*
		For >50 To 100, Deduct	*-0.98*
		For >100, Deduct	*-1.95*
05 05 19 00-0007	EA	1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.54
		For >10 To 50, Deduct	*-0.49*
		For >50 To 100, Deduct	*-1.00*
		For >100, Deduct	*-2.01*
05 05 19 00-0008	EA	3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.45
		For >10 To 50, Deduct	*-0.58*
		For >50 To 100, Deduct	*-1.19*
		For >100, Deduct	*-2.38*
05 05 19 00-0009	EA	3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.51
		For >10 To 50, Deduct	*-0.58*
		For >50 To 100, Deduct	*-1.19*
		For >100, Deduct	*-2.38*
05 05 19 00-0010	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.52
		For >10 To 50, Deduct	*-0.58*
		For >50 To 100, Deduct	*-1.19*
		For >100, Deduct	*-2.38*
05 05 19 00-0011	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.76
		For >10 To 50, Deduct	*-0.58*
		For >50 To 100, Deduct	*-1.20*
		For >100, Deduct	*-2.39*
05 05 19 00-0012	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	17.99
		For >10 To 50, Deduct	*-0.83*
		For >50 To 100, Deduct	*-1.70*
		For >100, Deduct	*-3.39*
05 05 19 00-0013	EA	1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	18.04
		For >10 To 50, Deduct	*-0.83*
		For >50 To 100, Deduct	*-1.70*
		For >100, Deduct	*-3.40*
05 05 19 00-0014	EA	1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	18.14
		For >10 To 50, Deduct	*-0.83*
		For >50 To 100, Deduct	*-1.70*
		For >100, Deduct	*-3.40*
05 05 19 00-0015	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	18.41
		For >10 To 50, Deduct	*-0.83*
		For >50 To 100, Deduct	*-1.71*
		For >100, Deduct	*-3.41*
05 05 19 00-0016	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	18.78
		For >10 To 50, Deduct	*-0.83*
		For >50 To 100, Deduct	*-1.72*
		For >100, Deduct	*-3.43*
05 05 19 00-0017	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.26
		For >10 To 50, Deduct	*-1.03*
		For >50 To 100, Deduct	*-2.12*
		For >100, Deduct	*-4.24*
05 05 19 00-0018	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.34
		For >10 To 50, Deduct	*-1.03*
		For >50 To 100, Deduct	*-2.12*
		For >100, Deduct	*-4.24*
05 05 19 00-0019	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.51
		For >10 To 50, Deduct	*-1.03*
		For >50 To 100, Deduct	*-2.13*
		For >100, Deduct	*-4.25*
05 05 19 00-0020	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.84
		For >10 To 50, Deduct	*-1.03*
		For >50 To 100, Deduct	*-2.13*
		For >100, Deduct	*-4.27*
05 05 19 00-0021	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	24.18
		For >10 To 50, Deduct	*-1.03*
		For >50 To 100, Deduct	*-2.14*
		For >100, Deduct	*-4.29*
05 05 19 00-0022	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	26.80
		For >10 To 50, Deduct	*-1.03*
		For >50 To 100, Deduct	*-2.21*
		For >100, Deduct	*-4.42*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.05	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.53*	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.05	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.06*	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.12	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.07*	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.52	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.09*	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.00	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.56*	
		For >100, Deduct	*-5.11*	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.55	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.57*	
		For >100, Deduct	*-5.14*	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.65	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.62*	
		For >100, Deduct	*-5.24*	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.44	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.69*	
		For >100, Deduct	*-5.38*	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	37.60	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.77*	
		For >100, Deduct	*-5.54*	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	36.88	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-2.91*	
		For >100, Deduct	*-5.82*	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	38.54	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-2.95*	
		For >100, Deduct	*-5.90*	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	40.74	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.01*	
		For >100, Deduct	*-6.01*	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	45.84	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-3.72*	
		For >100, Deduct	*-7.43*	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	48.96	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-3.80*	
		For >100, Deduct	*-7.59*	
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	52.06	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-3.87*	
		For >100, Deduct	*-7.75*	
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	59.62	
		For >10 To 50, Deduct	*-2.19*	
		For >50 To 100, Deduct	*-4.78*	
		For >100, Deduct	*-9.56*	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	61.85	
		For >10 To 50, Deduct	*-2.19*	
		For >50 To 100, Deduct	*-4.84*	
		For >100, Deduct	*-9.67*	

05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	10.88	
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.99*	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	11.17	
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	11.62	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.06*	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.82	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0045	EA	3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.08	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0046	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.25	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0047	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	15.63	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.53*	
05 05 19 00-0048	EA	1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	21.09	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.77*	
		For >100, Deduct	*-3.55*	
05 05 19 00-0049	EA	1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	21.57	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.57*	
05 05 19 00-0050	EA	1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	21.84	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.59*	
05 05 19 00-0051	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	23.10	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.82*	
		For >100, Deduct	*-3.65*	
05 05 19 00-0052	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	24.99	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.87*	
		For >100, Deduct	*-3.74*	
05 05 19 00-0053	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	29.57	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.28*	
		For >100, Deduct	*-4.56*	
05 05 19 00-0054	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	30.80	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.31*	
		For >100, Deduct	*-4.62*	
05 05 19 00-0055	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	32.13	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.68*	
05 05 19 00-0056	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	33.90	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.39*	
		For >100, Deduct	*-4.77*	
05 05 19 00-0057	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	41.66	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.58*	
		For >100, Deduct	*-5.16*	
05 05 19 00-0058	EA	3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	35.29	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.71*	
		For >100, Deduct	*-5.43*	
05 05 19 00-0059	EA	3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	37.79	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.78*	
		For >100, Deduct	*-5.55*	
05 05 19 00-0060	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	39.92	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.83*	
		For >100, Deduct	*-5.66*	
05 05 19 00-0061	EA	3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	40.19	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.84*	
		For >100, Deduct	*-5.67*	
05 05 19 00-0062	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	42.19	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.89*	
		For >100, Deduct	*-5.77*	
05 05 19 00-0063	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	47.39	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-3.02*	
		For >100, Deduct	*-6.03*	
05 05 19 00-0064	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	54.72	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-3.20*	
		For >100, Deduct	*-6.40*	
05 05 19 00-0065	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	55.44	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.37*	
		For >100, Deduct	*-6.75*	
05 05 19 00-0066	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	79.69	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-4.56*	
		For >100, Deduct	*-9.13*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0067		EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	90.54	
			For >10 To 50, Deduct	*-1.71*	
			For >50 To 100, Deduct	*-4.83*	
			For >100, Deduct	*-9.67*	

05 05 19 00-0068 316 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0069		EA	1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	11.13	
			For >10 To 50, Deduct	*-0.48*	
			For >50 To 100, Deduct	*-1.00*	
			For >100, Deduct	*-2.00*	
05 05 19 00-0070		EA	1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	11.73	
			For >10 To 50, Deduct	*-0.49*	
			For >50 To 100, Deduct	*-1.03*	
			For >100, Deduct	*-2.07*	
05 05 19 00-0071		EA	3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	14.65	
			For >10 To 50, Deduct	*-0.58*	
			For >50 To 100, Deduct	*-1.24*	
			For >100, Deduct	*-2.49*	
05 05 19 00-0072		EA	3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.08	
			For >10 To 50, Deduct	*-0.58*	
			For >50 To 100, Deduct	*-1.25*	
			For >100, Deduct	*-2.51*	
05 05 19 00-0073		EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.18	
			For >10 To 50, Deduct	*-0.58*	
			For >50 To 100, Deduct	*-1.26*	
			For >100, Deduct	*-2.51*	
05 05 19 00-0074		EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	17.27	
			For >10 To 50, Deduct	*-0.58*	
			For >50 To 100, Deduct	*-1.31*	
			For >100, Deduct	*-2.62*	
05 05 19 00-0075		EA	1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	23.08	
			For >10 To 50, Deduct	*-0.83*	
			For >50 To 100, Deduct	*-1.82*	
			For >100, Deduct	*-3.65*	
05 05 19 00-0076		EA	1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	24.29	
			For >10 To 50, Deduct	*-0.83*	
			For >50 To 100, Deduct	*-1.85*	
			For >100, Deduct	*-3.71*	
05 05 19 00-0077		EA	1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	26.48	
			For >10 To 50, Deduct	*-0.83*	
			For >50 To 100, Deduct	*-1.91*	
			For >100, Deduct	*-3.82*	
05 05 19 00-0078		EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	27.03	
			For >10 To 50, Deduct	*-0.83*	
			For >50 To 100, Deduct	*-1.92*	
			For >100, Deduct	*-3.84*	
05 05 19 00-0079		EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	36.30	
			For >10 To 50, Deduct	*-1.03*	
			For >50 To 100, Deduct	*-2.45*	
			For >100, Deduct	*-4.89*	
05 05 19 00-0080		EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	36.96	
			For >10 To 50, Deduct	*-1.03*	
			For >50 To 100, Deduct	*-2.46*	
			For >100, Deduct	*-4.92*	
05 05 19 00-0081		EA	3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	44.70	
			For >10 To 50, Deduct	*-1.22*	
			For >50 To 100, Deduct	*-2.95*	
			For >100, Deduct	*-5.90*	
05 05 19 00-0082		EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	47.44	
			For >10 To 50, Deduct	*-1.22*	
			For >50 To 100, Deduct	*-3.02*	
			For >100, Deduct	*-6.03*	

05 05 19 00-0083 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0084		EA	1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	20.44	
			For >10 To 50, Deduct	*-0.83*	
			For >50 To 100, Deduct	*-1.76*	
			For >100, Deduct	*-3.52*	
05 05 19 00-0085		EA	1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	21.45	
			For >10 To 50, Deduct	*-0.83*	
			For >50 To 100, Deduct	*-1.78*	
			For >100, Deduct	*-3.57*	
05 05 19 00-0086		EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	22.46	
			For >10 To 50, Deduct	*-0.83*	
			For >50 To 100, Deduct	*-1.81*	
			For >100, Deduct	*-3.62*	
05 05 19 00-0087		EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	22.96	
			For >10 To 50, Deduct	*-0.83*	
			For >50 To 100, Deduct	*-1.82*	
			For >100, Deduct	*-3.64*	
05 05 19 00-0088		EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	27.76	
			For >10 To 50, Deduct	*-1.03*	
			For >50 To 100, Deduct	*-2.23*	
			For >100, Deduct	*-4.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0089	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	26.55	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.40*	
05 05 19 00-0090	EA	3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	35.69	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.72*	
		For >100, Deduct	*-5.45*	
05 05 19 00-0091	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	36.80	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.75*	
		For >100, Deduct	*-5.50*	
05 05 19 00-0092	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	42.25	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.89*	
		For >100, Deduct	*-5.77*	
05 05 19 00-0093	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	45.89	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-3.72*	
		For >100, Deduct	*-7.44*	
05 05 19 00-0094	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	49.02	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-3.80*	
		For >100, Deduct	*-7.59*	
05 05 19 00-0095	EA	1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	52.13	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-3.87*	
		For >100, Deduct	*-7.75*	

05 05 19 00-0096 Concrete Sleeve Anchors *(05 05 19 00-0002)*

05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0098	EA	1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.21	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.98*	
05 05 19 00-0099	EA	1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.33	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.99*	
05 05 19 00-0100	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.48	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 19 00-0101	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.76	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.08*	
05 05 19 00-0102	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.86	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.09*	
05 05 19 00-0103	EA	3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.18	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 19 00-0104	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.38	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.37*	
05 05 19 00-0105	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.57	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 19 00-0106	EA	1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	17.53	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.37*	
05 05 19 00-0107	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	17.79	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.38*	
05 05 19 00-0108	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.01	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.39*	
05 05 19 00-0109	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.27	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.40*	
05 05 19 00-0110	EA	5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.95	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.17*	
05 05 19 00-0111	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.33	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.10*	
		For >100, Deduct	*-4.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.62	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.10*	
		For >100, Deduct	*-4.21*	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.44	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.25*	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.81	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.00*	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.52	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.52*	
		For >100, Deduct	*-5.04*	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	28.17	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.07*	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	29.19	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.56*	
		For >100, Deduct	*-5.12*	

05 05 19 00-0118 304/18-8 Stainless Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	11.39	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.04*	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	14.62	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.48*	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	15.78	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.54*	
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	21.60	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.57*	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	23.70	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.84*	
		For >100, Deduct	*-3.68*	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	31.93	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.67*	

05 05 19 00-0125 Concrete Strike Anchors *(05 05 19 00-0002)*

Note: Includes nut and washer.

05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	10.79	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.01*	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	11.00	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.02*	
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	11.47	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.06*	
		For >100, Deduct	*-2.12*	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	12.31	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.16*	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	13.09	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.41*	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	13.71	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	14.19	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	19.08	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.72*	
		For >100, Deduct	*-3.44*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0134	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	19.45	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.73*	
		For >100, Deduct	*-3.46*	
05 05 19 00-0135	EA	1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	20.55	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.52*	
05 05 19 00-0136	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	21.96	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.59*	
05 05 19 00-0137	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	25.23	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.34*	
05 05 19 00-0138	EA	5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	26.54	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.20*	
		For >100, Deduct	*-4.40*	
05 05 19 00-0139	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	27.69	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.23*	
		For >100, Deduct	*-4.46*	
05 05 19 00-0140	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	32.26	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.64*	
		For >100, Deduct	*-5.27*	
05 05 19 00-0141	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	33.49	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.67*	
		For >100, Deduct	*-5.33*	

05 05 19 00-0142 Multi-Set Drop-In Anchors *(05 05 19 00-0002)*

05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0144	EA	1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	14.19	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.76*	
05 05 19 00-0145	EA	3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	17.35	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.37*	
05 05 19 00-0146	EA	1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	21.10	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.00*	
05 05 19 00-0147	EA	5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	23.89	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.22*	
		For >100, Deduct	*-4.43*	
05 05 19 00-0148	EA	3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	28.50	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-2.55*	
		For >100, Deduct	*-5.11*	

05 05 19 00-0149 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0150	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	16.63	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.88*	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	21.96	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.60*	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	27.16	
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.30*	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	33.65	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-2.46*	
		For >100, Deduct	*-4.92*	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	45.27	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-2.97*	
		For >100, Deduct	*-5.95*	

05 05 19 00-0155 Single Bolt Expansion Anchors *(05 05 19 00-0002)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	10.39	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-1.99*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	11.08	
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.05*	
		For >100, Deduct	*-2.10*	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	12.53	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	18.27	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.40*	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	25.07	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.16*	
		For >100, Deduct	*-4.33*	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	30.22	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-5.17*	

05 05 19 00-0162 Concrete Lag Shield Anchors *(05 05 19 00-0002)*

Note: Excludes lag bolt and washer.

05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	10.50	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	12.48	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.37*	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	13.03	
		For >10 To 50, Deduct	*-0.58*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.40*	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	18.38	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.41*	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	24.29	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.14*	
		For >100, Deduct	*-4.29*	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	27.39	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-5.03*	

05 05 19 00-0169 Chemical And Adhesive Anchors *(05 05 19 00-0001)*

05 05 19 00-0170 Chemically Adhered Anchor Rods *(05 05 19 00-0169)*

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.

05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	13.11	
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.14*	
		For >100, Deduct	*-2.28*	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	15.16	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.53*	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	18.82	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.15*	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	22.00	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.59*	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	23.23	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.65*	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	28.74	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.51*	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	37.16	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.76*	
		For >100, Deduct	*-5.52*	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	43.86	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.08*	
		For >100, Deduct	*-6.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0179	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod	59.80	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-4.07*	
		For >100, Deduct	*-8.13*	
05 05 19 00-0180	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod	85.38	
		For >10 To 50, Deduct	*-2.16*	
		For >50 To 100, Deduct	*-5.38*	
		For >100, Deduct	*-10.75*	

05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod *(05 05 19 00-0169)*

Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Excludes bolt, dowel or rod.

05 05 19 00-0182	EA	1/4" Chemical Adhesive For Bolt Or Threaded Rod	11.09	
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.09*	
		For >100, Deduct	*-2.17*	
05 05 19 00-0183	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	12.15	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.38*	
05 05 19 00-0184	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	15.21	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.97*	
05 05 19 00-0185	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	17.27	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.68*	
		For >100, Deduct	*-3.35*	
05 05 19 00-0186	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	22.14	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.18*	
05 05 19 00-0187	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	27.26	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-5.02*	
05 05 19 00-0188	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	30.24	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-2.74*	
		For >100, Deduct	*-5.48*	
05 05 19 00-0189	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	40.01	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-3.57*	
		For >100, Deduct	*-7.14*	
05 05 19 00-0190	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	45.79	
		For >10 To 50, Deduct	*-1.94*	
		For >50 To 100, Deduct	*-4.05*	
		For >100, Deduct	*-8.10*	
05 05 19 00-0191	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	52.38	
		For >10 To 50, Deduct	*-2.16*	
		For >50 To 100, Deduct	*-4.55*	
		For >100, Deduct	*-9.10*	
05 05 19 00-0192	EA	1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	56.64	
		For >10 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-4.80*	
		For >100, Deduct	*-9.61*	
05 05 19 00-0193	EA	1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	62.42	
		For >10 To 50, Deduct	*-2.36*	
		For >50 To 100, Deduct	*-5.10*	
		For >100, Deduct	*-10.19*	
05 05 19 00-0194	EA	1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	73.98	
		For >10 To 50, Deduct	*-2.55*	
		For >50 To 100, Deduct	*-5.68*	
		For >100, Deduct	*-11.36*	
05 05 19 00-0195	EA	2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	98.86	
		For >10 To 50, Deduct	*-2.65*	
		For >50 To 100, Deduct	*-6.45*	
		For >100, Deduct	*-12.90*	

05 05 19 00-0196 Grout Concrete Anchor Bolt Or Threaded Rod *(05 05 19 00-0169)*

05 05 19 00-0197	EA	Grout Concrete Anchor Bolt or Threaded Rod	3.92	
		For >10 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.38*	
		For >100, Deduct	*-0.76*	

05 05 19 00-0198 Other Concrete And Masonry Anchors *(05 05 19 00-0001)*

05 05 19 00-0199 Tapcon Masonry Screws *(05 05 19 00-0198)*

Note: Includes drilling. Countersunk or hex head.

05 05 19 00-0200	EA	3/16" x 1-1/4" Tapcon Masonry Screw	10.05	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.98*	
05 05 19 00-0201	EA	3/16" x 2-1/4" Tapcon Masonry Screw	10.11	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0202	EA	3/16" x 3-1/4" Tapcon Masonry Screw	10.24	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.99*	
05 05 19 00-0203	EA	1/4" x 1-1/4" Tapcon Masonry Screw	10.12	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.98*	
05 05 19 00-0204	EA	1/4" x 2-1/4" Tapcon Masonry Screw	10.19	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.98*	
05 05 19 00-0205	EA	1/4" x 3-1/4" Tapcon Masonry Screw	10.35	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-1.99*	

05 05 19 00-0206 Large Diameter, Self-Threading Concrete Fasteners *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0207	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener	10.59	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 19 00-0208	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener	10.86	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.02*	
05 05 19 00-0209	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener	10.94	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.02*	
05 05 19 00-0210	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener	11.07	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.03*	
05 05 19 00-0211	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener	11.18	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.03*	
05 05 19 00-0212	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener	11.42	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.04*	
05 05 19 00-0213	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener	11.72	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.06*	
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener	11.99	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.07*	
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener	12.75	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.06*	
		For >100, Deduct	*-2.11*	
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener	12.84	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.06*	
		For >100, Deduct	*-2.12*	
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener	13.30	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.07*	
		For >100, Deduct	*-2.14*	
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener	13.78	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.08*	
		For >100, Deduct	*-2.16*	
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener	14.09	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.09*	
		For >100, Deduct	*-2.18*	
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener	13.95	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.09*	
		For >100, Deduct	*-2.17*	
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener	14.39	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.10*	
		For >100, Deduct	*-2.19*	
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener	15.43	
		For >10 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-1.12*	
		For >100, Deduct	*-2.24*	

05 05 19 00-0223 Pin Bolt Drives *(05 05 19 00-0198)*

Note: Includes drilling. Zinc plated.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0224	EA	1/4" x 1" Pin Bolt Drive	6.24	
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.60*	
		For >100, Deduct	*-1.20*	
05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive	6.24	
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.60*	
		For >100, Deduct	*-1.20*	
05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive	6.29	
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.60*	
		For >100, Deduct	*-1.20*	
05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive	6.30	
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.60*	
		For >100, Deduct	*-1.20*	

05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors *(05 05 19 00-0198)*

05 05 19 00-0229	EA	0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor	1.55	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.14*	
		For >100, Deduct	*-0.28*	
05 05 19 00-0230	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor	1.63	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.14*	
		For >100, Deduct	*-0.29*	
05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor	1.76	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.15*	
		For >100, Deduct	*-0.31*	
05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor	1.94	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.17*	
		For >100, Deduct	*-0.33*	
05 05 19 00-0233	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor	2.04	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.17*	
		For >100, Deduct	*-0.34*	

05 05 19 00-0234 Powder Actuated, Shot-In Place Anchors With Exposed Thread *(05 05 19 00-0198)*

05 05 19 00-0235	EA	0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor	1.81	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.15*	
		For >100, Deduct	*-0.30*	
05 05 19 00-0236	EA	0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor	2.43	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.19*	
		For >100, Deduct	*-0.37*	

05 05 23 Metal Fastenings *(05 05)*

05 05 23 00-0001 Hex Bolts *(05 05 23)*

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0221 for drilling into concrete, 02 41 19 13-0231 for drilling into brick or block, 02 41 19 13-0241 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.

05 05 23 00-0002 A307B Heavy Hex Bolts *(05 05 23 00-0001)*

Note: Includes A307B heavy hex nut and two structural washers.

05 05 23 00-0003 Plain Finish A307B Heavy Hex Bolts *(05 05 23 00-0002)*

05 05 23 00-0004	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt	11.39	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-1.99*	
05 05 23 00-0005	EA	1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt	12.49	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.05*	
05 05 23 00-0006	EA	5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	12.52	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.05*	
05 05 23 00-0007	EA	5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	14.89	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.37*	
05 05 23 00-0008	EA	3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	14.36	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.07*	
		For >100, Deduct	*-2.14*	
05 05 23 00-0009	EA	3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	17.17	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0010	EA	3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	21.53	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.78*	
05 05 23 00-0011	EA	3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	23.09	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	
05 05 23 00-0012	EA	7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	17.12	1.24
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.40*	
05 05 23 00-0013	EA	7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	20.56	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.72*	
05 05 23 00-0014	EA	1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	24.08	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-2.99*	
05 05 23 00-0015	EA	1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	34.03	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.58*	
05 05 23 00-0016	EA	1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	39.79	1.70
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-2.06*	
		For >100, Deduct	*-4.11*	
05 05 23 00-0017	EA	1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	44.72	1.82
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.51*	

05 05 23 00-0018 Galvanized A307B Heavy Hex Bolts *(05 05 23 00-0002)*

05 05 23 00-0019	EA	1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt	11.93	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.02*	
05 05 23 00-0020	EA	1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	12.85	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.07*	
05 05 23 00-0021	EA	5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	13.85	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.06*	
		For >100, Deduct	*-2.12*	
05 05 23 00-0022	EA	5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	16.21	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	
05 05 23 00-0023	EA	3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	15.87	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.11*	
		For >100, Deduct	*-2.22*	
05 05 23 00-0024	EA	3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	19.96	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.62*	
05 05 23 00-0025	EA	3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	26.33	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.02*	
05 05 23 00-0026	EA	3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt	30.87	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.67*	
		For >100, Deduct	*-3.33*	
05 05 23 00-0027	EA	7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	21.08	1.24
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.60*	
05 05 23 00-0028	EA	7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	25.01	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.95*	
05 05 23 00-0029	EA	1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	29.82	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.28*	
05 05 23 00-0030	EA	1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	44.45	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.10*	
05 05 23 00-0031	EA	1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	44.45	1.70
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0032	EA	1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	55.51	1.82
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.52*	
		For >100, Deduct	*-5.05*	

05 05 23 00-0033 A325 High Strength Structural Bolts *(05 05 23 00-0001)*

05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0035	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt	11.14	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-0.99*	
		For >100, Deduct	*-1.98*	
05 05 23 00-0036	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	11.38	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-1.99*	
05 05 23 00-0037	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	12.16	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.02*	
		For >100, Deduct	*-2.03*	
05 05 23 00-0038	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	14.91	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.19*	
		For >100, Deduct	*-2.37*	
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	17.23	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.56*	
05 05 23 00-0040	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	13.23	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.09*	
05 05 23 00-0041	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	16.05	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.43*	
05 05 23 00-0042	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	18.25	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.31*	
		For >100, Deduct	*-2.61*	
05 05 23 00-0043	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	22.41	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.91*	
05 05 23 00-0044	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	15.35	1.24
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.16*	
		For >100, Deduct	*-2.31*	
05 05 23 00-0045	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	18.67	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.63*	
05 05 23 00-0046	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	21.29	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-2.85*	
05 05 23 00-0047	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	23.08	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.52*	
		For >100, Deduct	*-3.03*	
05 05 23 00-0048	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	16.96	1.29
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.45*	
05 05 23 00-0049	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	20.38	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.81*	
05 05 23 00-0050	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	23.60	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.06*	
05 05 23 00-0051	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	30.16	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.51*	
05 05 23 00-0052	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	28.81	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.72*	
		For >100, Deduct	*-3.44*	
05 05 23 00-0053	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	32.63	1.70
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.75*	
05 05 23 00-0054	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	38.27	1.82
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0055	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	44.92	1.94
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.67*	

05 05 23 00-0056 Galvanized A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0057	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	11.62	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-2.00*	
05 05 23 00-0058	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	11.79	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.01*	
		For >100, Deduct	*-2.01*	
05 05 23 00-0059	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	13.18	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.04*	
		For >100, Deduct	*-2.08*	
05 05 23 00-0060	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	15.63	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.41*	
05 05 23 00-0061	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	16.54	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.53*	
05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	13.70	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.05*	
		For >100, Deduct	*-2.11*	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	16.64	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	19.17	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.66*	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	24.59	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.02*	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	18.17	1.24
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.45*	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	20.34	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.36*	
		For >100, Deduct	*-2.71*	
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	23.31	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.95*	
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	29.14	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.67*	
		For >100, Deduct	*-3.34*	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	19.15	1.29
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.56*	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	25.40	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.06*	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	27.81	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.27*	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	35.35	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.77*	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	35.14	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.88*	
		For >100, Deduct	*-3.76*	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	37.47	1.70
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-3.99*	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	43.82	1.82
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.23*	
		For >100, Deduct	*-4.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	50.71	1.94
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.48*	
		For >100, Deduct	*-4.96*	

05 05 23 00-0078 A490 High Strength Structural Bolts *(05 05 23 00-0001)*

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts *(05 05 23 00-0078)*

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	12.54	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.03*	
		For >100, Deduct	*-2.05*	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	17.54	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.50*	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	18.74	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.64*	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	14.03	1.14
		For >10 To 50, Deduct	*-0.47*	
		For >50 To 100, Deduct	*-1.06*	
		For >100, Deduct	*-2.13*	
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	16.96	1.30
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.47*	
05 05 23 00-0085	EA	3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	19.71	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.34*	
		For >100, Deduct	*-2.69*	
05 05 23 00-0086	EA	3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	25.25	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.52*	
		For >100, Deduct	*-3.05*	
05 05 23 00-0087	EA	7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	16.27	1.24
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.18*	
		For >100, Deduct	*-2.36*	
05 05 23 00-0088	EA	7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	18.96	1.36
		For >10 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-2.64*	
05 05 23 00-0089	EA	7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	27.23	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.15*	
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	19.10	1.29
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.56*	
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	22.79	1.43
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.93*	
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	26.19	1.50
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.19*	
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt	32.64	1.60
		For >10 To 50, Deduct	*-0.67*	
		For >50 To 100, Deduct	*-1.82*	
		For >100, Deduct	*-3.63*	
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	41.78	1.70
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.21*	
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	43.97	1.82
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-2.23*	
		For >100, Deduct	*-4.47*	
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	45.90	1.94
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.72*	

05 05 23 00-0097 Hex Head Bolts *(05 05 23 00-0001)*

05 05 23 00-0098 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0099 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.22	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.24	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.31	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.34	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.56	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.58	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.68	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.85	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.89	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.03	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.31	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.42	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.57	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.31	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0116 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0117	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.28	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.30	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.35	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.39	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.62	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.72	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.76	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.02	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.16	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.22	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.48	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0129	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.01	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0130	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.46	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0131	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.70	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0132	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.91	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0133 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.34	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.36	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.44	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.50	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.75	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.87	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	6.99	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.28	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.53	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.86	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0145	EA		3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.95	
			For >100 To 250, Deduct	*-1.33*	
			For >250 To 500, Deduct	*-1.67*	
			For >500, Deduct	*-2.00*	
05 05 23 00-0146	EA		3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.01	
			For >100 To 250, Deduct	*-1.33*	
			For >250 To 500, Deduct	*-1.67*	
			For >500, Deduct	*-2.00*	
05 05 23 00-0147	EA		3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.24	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.71*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0148	EA		3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.34	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.71*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0149	EA		3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.48	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.71*	
			For >500, Deduct	*-2.06*	

05 05 23 00-0150 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0151	EA		7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.52	
			For >100 To 250, Deduct	*-1.40*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.11*	
05 05 23 00-0152	EA		7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.62	
			For >100 To 250, Deduct	*-1.40*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.11*	
05 05 23 00-0153	EA		7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.63	
			For >100 To 250, Deduct	*-1.40*	
			For >250 To 500, Deduct	*-1.76*	
			For >500, Deduct	*-2.11*	
05 05 23 00-0154	EA		7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.95	
			For >100 To 250, Deduct	*-1.44*	
			For >250 To 500, Deduct	*-1.80*	
			For >500, Deduct	*-2.16*	
05 05 23 00-0155	EA		7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.10	
			For >100 To 250, Deduct	*-1.44*	
			For >250 To 500, Deduct	*-1.80*	
			For >500, Deduct	*-2.16*	
05 05 23 00-0156	EA		7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.22	
			For >100 To 250, Deduct	*-1.44*	
			For >250 To 500, Deduct	*-1.80*	
			For >500, Deduct	*-2.16*	
05 05 23 00-0157	EA		7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.71	
			For >100 To 250, Deduct	*-1.47*	
			For >250 To 500, Deduct	*-1.84*	
			For >500, Deduct	*-2.21*	
05 05 23 00-0158	EA		7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.80	
			For >100 To 250, Deduct	*-1.47*	
			For >250 To 500, Deduct	*-1.84*	
			For >500, Deduct	*-2.21*	
05 05 23 00-0159	EA		7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.98	
			For >100 To 250, Deduct	*-1.47*	
			For >250 To 500, Deduct	*-1.84*	
			For >500, Deduct	*-2.21*	
05 05 23 00-0160	EA		7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.46	
			For >100 To 250, Deduct	*-1.51*	
			For >250 To 500, Deduct	*-1.89*	
			For >500, Deduct	*-2.27*	
05 05 23 00-0161	EA		7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.55	
			For >100 To 250, Deduct	*-1.51*	
			For >250 To 500, Deduct	*-1.89*	
			For >500, Deduct	*-2.27*	
05 05 23 00-0162	EA		7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.77	
			For >100 To 250, Deduct	*-1.51*	
			For >250 To 500, Deduct	*-1.89*	
			For >500, Deduct	*-2.27*	
05 05 23 00-0163	EA		7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.04	
			For >100 To 250, Deduct	*-1.54*	
			For >250 To 500, Deduct	*-1.93*	
			For >500, Deduct	*-2.32*	
05 05 23 00-0164	EA		7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.24	
			For >100 To 250, Deduct	*-1.54*	
			For >250 To 500, Deduct	*-1.93*	
			For >500, Deduct	*-2.32*	
05 05 23 00-0165	EA		7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.64	
			For >100 To 250, Deduct	*-1.54*	
			For >250 To 500, Deduct	*-1.93*	
			For >500, Deduct	*-2.32*	

05 05 23 00-0166 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0167	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.68	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.99	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.24	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.71	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.96	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.17	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.20	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.42	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.78	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.91	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.27	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.63	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.76	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.28	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.42	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	

05 05 23 00-0186 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.72	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.48	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.69	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.96	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.20	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0196	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.42	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0197	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.47	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0198	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.63	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0199	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0200	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0201	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0202	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.70	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0203	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.93	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0204	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.08	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0205	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.31	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0206		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0207	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0208	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.91	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0209	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0210	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.41	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0211	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.62	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0212	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0213	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.40	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0214	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.80	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0215	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.11	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0216	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.41	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0217	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0218	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.99	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0219	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.46	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0220	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.89	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0221	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.38	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0222	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.09	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0223	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.58	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0224	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.07	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0225	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.46	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-0226 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0227	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.16	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0228	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.38	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0229	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.58	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.01	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0231	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.32	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0232	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.59	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0233	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.07	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0234	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0235	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.76	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0236	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.55	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.81	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.28	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.48	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.59	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.10	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.96	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.47	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.16	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.83	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0246		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.19	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.37	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.89	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.40	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.98	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.66	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.51	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.99	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.53	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.81	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.49	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.35	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.03	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.71	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.51	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.23	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.88	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.59	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0266		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.02	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.26	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.21	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.19	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.08	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.18	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.03	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.92	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.54	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.96	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.70	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.63	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0279	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.37	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0280	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.13	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0281	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.92	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0282	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.79	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0283	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.55	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0284	EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.33	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0287	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.27	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0288	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.31	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0289	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.34	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0290	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.40	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0291	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.65	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0292	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.77	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0293	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.89	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0294	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.16	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0295	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.32	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0296	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0297	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.71	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0298	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.81	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0299	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.91	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0300	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.23	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0301	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0302	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.51	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0303 5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0304	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.34	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0305	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.37	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0306	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.42	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0307	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.51	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0308	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.75	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0309	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.87	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0310	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.06	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0311	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.33	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0312	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.48	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0313	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.63	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0314	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0315	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0316	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0317	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0318	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.03	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0319	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.28	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0321	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.39	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0322	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.41	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0323	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.50	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.59	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.87	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.98	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.15	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.51	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.91	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.09	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.51	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.68	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.98	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.79	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.12	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.53	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.74	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.23	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.72	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.52	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.87	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.32	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.49	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.90	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0351	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.13	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0352	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.36	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	

05 05 23 00-0353 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0354	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.56	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0355	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.67	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0356	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.78	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0357	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.16	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0358	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.34	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0359	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.53	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0360	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.87	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0361	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0362	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.54	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0363	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.14	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0364	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.38	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0365	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.01	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0366	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.74	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0367	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.10	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0368	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.23	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0369	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.05	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0370	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.67	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0371	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.54	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0372	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.87	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	

05 05 23 00-0373 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.10	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.28	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.66	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.91	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.20	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.78	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.06	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.55	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.86	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.86	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.27	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.69	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.22	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.47	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.72	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.35	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	

05 05 23 00-0393 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.99	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0395	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.06	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0396	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0397	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.48	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0398	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.81	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0399	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.12	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0400	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.61	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0401	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.19	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0402	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.51	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0403	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.84	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0404	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.34	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0405	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.14	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0406	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.04	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0407	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.69	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.79	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.16	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.05	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.35	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.80	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.87	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.94	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.39	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.72	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.23	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.75	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.07	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.76	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.24	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.80	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.49	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.64	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.35	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.76	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.01	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.37	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.55	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.84	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.54	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.70	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.93	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.33	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.99	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.44	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.95	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.74	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.33	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.78	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.28	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.40	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.33	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.26	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.32	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.83	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.74	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.52	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.29	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.03	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.08	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.75	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.40	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.87	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.65	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.41	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.51	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.47	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.70	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.23	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.40	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.03	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.50	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	28.90	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	29.31	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	30.43	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	31.20	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0473 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.29	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.36	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.40	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.49	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.72	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.81	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.90	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.08	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.33	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.57	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.86	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.99	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.15	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.45	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.91	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0490 5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.35	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.40	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.55	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.58	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.85	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.07	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.14	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.44	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.58	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.26	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.38	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.58	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.90	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.04	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.31	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0507 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.52	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.53	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.54	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.72	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.00	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.18	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.34	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.01	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.21	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.25	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.51	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.72	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.14	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.58	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.62	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.57	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.59	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.87	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.39	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.56	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.76	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.46	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0533	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.00	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0534	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.54	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.74	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.02	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.61	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.53	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.60	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	

05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.75	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.95	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.39	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.61	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.64	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.93	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.14	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.69	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0551	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.32	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.91	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.58	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.84	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.57	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.96	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.48	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.76	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.06	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	

05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.94	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.34	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.93	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.04	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.45	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.24	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.50	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.90	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.48	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.69	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.45	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.65	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0575	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.13	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	

05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0577	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.25	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0578	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.37	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0579	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.68	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0580	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.31	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0581	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.68	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0582	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.88	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0583	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.20	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0584	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.87	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0585	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.16	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0586	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.65	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0587	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.96	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0588	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.61	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0589	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.34	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0590	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.08	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0591	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.39	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0592	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.90	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0593	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.36	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0594	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.47	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0595	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.83	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-0596 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.95	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.08	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.17	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.80	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.60	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.11	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.18	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.26	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.82	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.39	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.45	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.91	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.47	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.77	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.34	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.37	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.10	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.37	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-0616 7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.73	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.09	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.78	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.83	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.95	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.35	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.88	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.53	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.20	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.15	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.60	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.60	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.12	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.13	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.12	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.41	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.67	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.27	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.73	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.61	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.17	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.83	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0640	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.06	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.56	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.62	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.03	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.87	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.46	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.42	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.05	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.39	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.96	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	30.91	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	31.87	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	34.42	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	35.97	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.39	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.40	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.42	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.60	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.87	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.98	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.02	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0663	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.20	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0664	EA	1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.33	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0665	EA	1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.36	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0666	EA	1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.62	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0667	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.73	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0668	EA	1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.77	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0669	EA	1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0670	EA	1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.36	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0671	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.75	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0673	EA	5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.31	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0674	EA	5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.66	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0675	EA	5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.69	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0676	EA	5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.70	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0677	EA	5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.04	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0678	EA	5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.37	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0679	EA	5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.43	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0680	EA	5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.69	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0681	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.72	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.98	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0683	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.22	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.58	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.67	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.05	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.42	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.50	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.58	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	6.80	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.07	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.25	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.37	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.71	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.01	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.27	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.86	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.20	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0707	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.82	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0708	EA	7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.20	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0709	EA	7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0710	EA	7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.17	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0711	EA	7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.19	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0712	EA	7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0713	EA	7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.63	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0714	EA	7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0715	EA	7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.14	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0716	EA	7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.60	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0717	EA	7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.88	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0719	EA	1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.65	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0720	EA	1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.78	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0721	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.03	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0722	EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0723	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.68	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0724	EA	1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.04	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0725	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.27	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0726	EA	1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.40	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0727	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.68	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0728	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.99	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0729	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.30	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.33	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.56	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.89	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.20	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.39	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.43	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.54	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	

05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.98	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.17	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.68	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.59	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.87	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.98	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.17	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.60	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.82	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.46	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.67	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.80	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.14	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.79	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.32	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.54	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.64	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.94	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.17	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.86	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.74	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.31	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.79	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0766	EA	3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.84	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0767	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.96	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0768	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.21	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0769	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.96	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0770	EA	3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.27	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0771	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.04	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0772	EA	3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.14	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.45	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.08	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.40	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.58	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.68	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.59	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.95	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.34	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.22	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.50	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.05	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.44	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.94	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.47	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.86	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.98	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.59	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.32	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.49	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.86	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.26	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.77	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0796	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.24	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0798	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.12	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0799	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.41	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0800	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.09	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0801	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.62	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0802	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.02	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0803	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.30	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0804	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.08	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0805	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.33	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0806	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.63	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0807	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.30	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0808	EA	1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.98	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0809	EA	1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.10	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0810	EA	1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.21	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0811		EA	1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.71	
			For >100 To 250, Deduct	*-1.93*	
			For >250 To 500, Deduct	*-2.41*	
			For >500, Deduct	*-2.90*	
05 05 23 00-0812		EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.61	
			For >100 To 250, Deduct	*-1.93*	
			For >250 To 500, Deduct	*-2.41*	
			For >500, Deduct	*-2.90*	
05 05 23 00-0813		EA	1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	27.30	
			For >100 To 250, Deduct	*-1.93*	
			For >250 To 500, Deduct	*-2.41*	
			For >500, Deduct	*-2.90*	
05 05 23 00-0814		EA	1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	28.30	
			For >100 To 250, Deduct	*-1.93*	
			For >250 To 500, Deduct	*-2.41*	
			For >500, Deduct	*-2.90*	

05 05 23 00-0815 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0816 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0817		EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.33	
			For >100 To 250, Deduct	*-1.23*	
			For >250 To 500, Deduct	*-1.54*	
			For >500, Deduct	*-1.84*	
05 05 23 00-0818		EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.40	
			For >100 To 250, Deduct	*-1.23*	
			For >250 To 500, Deduct	*-1.54*	
			For >500, Deduct	*-1.84*	
05 05 23 00-0819		EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.49	
			For >100 To 250, Deduct	*-1.23*	
			For >250 To 500, Deduct	*-1.54*	
			For >500, Deduct	*-1.84*	
05 05 23 00-0820		EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.59	
			For >100 To 250, Deduct	*-1.23*	
			For >250 To 500, Deduct	*-1.54*	
			For >500, Deduct	*-1.84*	
05 05 23 00-0821		EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.87	
			For >100 To 250, Deduct	*-1.26*	
			For >250 To 500, Deduct	*-1.58*	
			For >500, Deduct	*-1.90*	
05 05 23 00-0822		EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.02	
			For >100 To 250, Deduct	*-1.26*	
			For >250 To 500, Deduct	*-1.58*	
			For >500, Deduct	*-1.90*	
05 05 23 00-0823		EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.19	
			For >100 To 250, Deduct	*-1.26*	
			For >250 To 500, Deduct	*-1.58*	
			For >500, Deduct	*-1.90*	
05 05 23 00-0824		EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.49	
			For >100 To 250, Deduct	*-1.30*	
			For >250 To 500, Deduct	*-1.62*	
			For >500, Deduct	*-1.95*	
05 05 23 00-0825		EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.71	
			For >100 To 250, Deduct	*-1.30*	
			For >250 To 500, Deduct	*-1.62*	
			For >500, Deduct	*-1.95*	
05 05 23 00-0826		EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.90	
			For >100 To 250, Deduct	*-1.30*	
			For >250 To 500, Deduct	*-1.62*	
			For >500, Deduct	*-1.95*	
05 05 23 00-0827		EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.23	
			For >100 To 250, Deduct	*-1.33*	
			For >250 To 500, Deduct	*-1.67*	
			For >500, Deduct	*-2.00*	
05 05 23 00-0828		EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.56	
			For >100 To 250, Deduct	*-1.33*	
			For >250 To 500, Deduct	*-1.67*	
			For >500, Deduct	*-2.00*	
05 05 23 00-0829		EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.45	
			For >100 To 250, Deduct	*-1.33*	
			For >250 To 500, Deduct	*-1.67*	
			For >500, Deduct	*-2.00*	
05 05 23 00-0830		EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.54	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.71*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0831		EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.72	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.71*	
			For >500, Deduct	*-2.06*	
05 05 23 00-0832		EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.16	
			For >100 To 250, Deduct	*-1.37*	
			For >250 To 500, Deduct	*-1.71*	
			For >500, Deduct	*-2.06*	

05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.46	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.53	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.67	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.78	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.17	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.24	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0840	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.60	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0841	EA	5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.02	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0842	EA	5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.43	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0843	EA	5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.63	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0844	EA	5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.42	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0845	EA	5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0846	EA	5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.75	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0847	EA	5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.69	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0849	EA	3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.64	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0850	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.72	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.94	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.22	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.54	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.76	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.84	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.60	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.86	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.49	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.83	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.34	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.53	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.87	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-0865 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0866	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.23	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.68	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.07	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.50	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0871	EA	7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.21	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0872	EA	7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.70	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0873	EA	7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.53	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0874	EA	7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.90	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0875	EA	7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.22	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0876	EA	7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.49	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0877	EA	7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.66	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0878	EA	7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.98	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	

05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0880	EA	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.22	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0881	EA	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0882	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0883	EA	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.28	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0884	EA	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.79	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0885	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.57	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.81	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.14	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.69	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.29	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.97	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.15	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0893	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.55	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0894	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.19	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-0895	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.50	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0896	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.75	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0897	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.52	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0898	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.28	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0900	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.14	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0901	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.30	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0902	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.33	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-0903	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.92	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0904	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.64	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0905	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.90	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-0906	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.92	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0907	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.20	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.87	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.29	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.72	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.08	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.81	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.34	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.09	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.21	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.22	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.07	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.71	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.48	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.26	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.95	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.21	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.78	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.29	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.03	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.34	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.70	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.29	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.81	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0934	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.49	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-0935	EA	3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.40	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0936	EA	3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.15	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0937	EA	3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.42	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-0938	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.36	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0939	EA	3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.53	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0940	EA	3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.48	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-0941	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.62	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0942	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.72	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0943	EA	3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.78	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-0944	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.43	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0945	EA	3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.18	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0946	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.91	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-0947	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.27	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0948	EA	3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.86	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0949	EA	3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.45	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0950	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.68	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0952	EA	7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.41	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0953	EA	7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.70	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0954	EA	7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.87	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0955	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.18	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0956	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.61	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0957	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.86	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0958	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.28	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0959	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.13	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0960	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.73	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0961	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.83	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0962	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.87	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0963	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.37	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0964	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.08	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0965	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.26	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0966	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	46.07	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0967	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.38	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0968	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	53.84	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0969	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	56.29	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0971	EA	1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.54	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0972	EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.49	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0973	EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.07	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0974	EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.26	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0975	EA	1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.21	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-0976	EA	1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.58	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0977	EA	1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.94	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0978	EA	1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.95	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-0979	EA	1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.01	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0980	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.12	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0981	EA	1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.52	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-0982	EA	1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.53	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0983	EA	1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	45.54	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0984	EA	1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	46.56	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-0985	EA	1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	48.76	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0986	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.88	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0987	EA	1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	66.03	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-0988	EA	1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	82.51	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

05 05 23 00-0989 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-0990 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-0991	EA	1/4" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.47	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0992	EA	1/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	6.62	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0993	EA	1/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.73	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0994	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	6.80	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-0995	EA	1/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.19	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0996	EA	1/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	7.39	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0997	EA	1/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.58	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-0998	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-0999	EA	1/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1000	EA	1/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	8.14	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1001	EA	1/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-1002	EA	1/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	8.94	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-1003	EA	1/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.89	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-1004	EA	1/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	20.09	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1005	EA	1/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.31	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1006	EA	1/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	36.33	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.67	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	6.84	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.12	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	7.34	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.61	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	8.05	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	8.65	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	9.44	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	10.57	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.79	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	20.97	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	

05 05 23 00-1022 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1023	EA	3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.12	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	7.19	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	8.08	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-1.84*	
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.48	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	8.60	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.14	
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-1.90*	
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	9.40	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-1.62*	
		For >500, Deduct	*-1.95*	
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.91	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	11.83	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.87	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.00*	
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	14.41	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.23	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	22.35	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-1.71*	
		For >500, Deduct	*-2.06*	
05 05 23 00-1039		7/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1040	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.45	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1042	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.19	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1043	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.01	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-1044	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	11.72	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-1045	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.89	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-1046	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	14.18	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1047	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.38	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1048	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	14.81	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1049	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.27	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1050	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	15.57	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1051	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.88	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1052	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	16.29	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-1053		1/2" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*		
05 05 23 00-1054	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	9.03	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1055	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.46	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1056	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1057	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.95	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1058	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	11.61	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-1059	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.77	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-1060	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	12.22	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1061	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.49	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1062	EA	1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	16.07	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1063	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.44	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1064	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	16.84	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1065	EA	1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.03	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1066	EA	1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	22.34	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-1067	EA	1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.72	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-1068	EA	1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	26.00	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.32*	
05 05 23 00-1069	EA	1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.23	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1070	EA	1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	36.13	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1071	EA	1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.77	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1072	EA	1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	37.76	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	

05 05 23 00-1073 9/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1074	EA	9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	19.72	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1075	EA	9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.12	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1076	EA	9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	25.81	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.11*	
05 05 23 00-1077	EA	9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.62	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-1078	EA	9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	31.40	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	
05 05 23 00-1079	EA	9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.17	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-1.80*	
		For >500, Deduct	*-2.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1080	EA	9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	36.07	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1081	EA	9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	38.35	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1082	EA	9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	40.38	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.21*	
05 05 23 00-1083	EA	9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	41.17	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	
05 05 23 00-1084	EA	9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	42.96	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.27*	

05 05 23 00-1085 5/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1086	EA	5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	12.09	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1087	EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.21	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	12.25	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.22	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	14.04	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.65	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	17.38	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.67	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	20.46	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.13	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	22.78	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.79	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	28.40	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.91	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	30.78	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.64	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	34.23	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	41.78	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	49.86	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	15.26	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.55	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	16.64	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.37*	
05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.76	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1110	EA	3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	19.79	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1111	EA	3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.97	
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.42*	
05 05 23 00-1112	EA	3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	23.66	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1113	EA	3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.70	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1114	EA	3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	25.26	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.06*	
		For >500, Deduct	*-2.48*	
05 05 23 00-1115	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.20	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1116	EA	3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	27.50	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1117	EA	3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.50	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.53*	
05 05 23 00-1118	EA	3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	37.46	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1119	EA	3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	41.97	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1120	EA	3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	42.65	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-2.58*	
05 05 23 00-1121	EA	3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.54	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1122	EA	3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	52.38	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1123	EA	3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	52.96	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1124	EA	3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	54.40	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

05 05 23 00-1125 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1126	EA	7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.17	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1127	EA	7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	19.05	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1128	EA	7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.26	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-1129	EA	7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	22.89	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-1130	EA	7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.07	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-1131	EA	7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	25.28	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-1132	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.88	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-1133	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	30.46	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-1134	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	30.72	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-1135	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	31.91	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-1136	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	41.95	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-1137	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	46.56	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-1138	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.32	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-1139	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	53.67	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-1140	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	56.88	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-1141	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	58.93	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-1142	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	60.95	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-1143	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	63.22	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

05 05 23 00-1144 1" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	21.31	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.38	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	26.32	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.42	
		For >100 To 250, Deduct	*-1.79*	
		For >250 To 500, Deduct	*-2.24*	
		For >500, Deduct	*-2.69*	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	30.71	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.81	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	34.93	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-2.74*	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	37.23	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	42.72	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	48.12	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-2.33*	
		For >500, Deduct	*-2.79*	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	55.70	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	61.92	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	62.81	
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-2.84*	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	65.01	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	65.86	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	76.18	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	86.15	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.90*	

05 05 23 00-1162 Screws *(05 05 23)*

05 05 23 00-1163 Teks® 5 Self Drilling Screws *(05 05 23 00-1162)*

Note: Screws include Climaseal® finish, self-drill point and tapping threads.

05 05 23 00-1164	EA	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	3.23	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.30*	
		For >100, Deduct	*-0.60*	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.33	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.30*	
		For >100, Deduct	*-0.61*	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.68	
		For >10 To 50, Deduct	*-0.16*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.65*	
05 05 23 00-1167	EA	1/4"-28 x 3", Hex Washer Head, Teks® 5 Self Drilling Screw	4.96	
		For >10 To 50, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.42*	
		For >100, Deduct	*-0.83*	
05 05 23 00-1168	EA	1/4"-28 x 4", Hex Washer Head, Teks® 5 Self Drilling Screw	5.27	
		For >10 To 50, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.44*	
		For >100, Deduct	*-0.88*	
05 05 23 00-1169	EA	1/4"-28 x 6", Hex Washer Head, Teks® 5 Self Drilling Screw	6.33	
		For >10 To 50, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.48*	
		For >100, Deduct	*-0.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1170	EA	1/4"-28 x 8", Hex Washer Head, Teks® 5 Self Drilling Screw	6.99	
		For >10 To 50, Deduct	*-0.22*	
		For >50 To 100, Deduct	*-0.51*	
		For >100, Deduct	*-1.02*	

05 05 23 00-1171 Security Screws *(05 05 23 00-1162)*

05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws *(05 05 23 00-1171)*

Note: Includes "security" style drive in machine or sheet metal screw threads.

05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	2.56	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.50*	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.85	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.51*	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.10	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.52*	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.19	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.53*	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.35	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.27*	
		For >100, Deduct	*-0.54*	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.92	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.51*	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.04	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.52*	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.28	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.27*	
		For >100, Deduct	*-0.53*	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.36	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.27*	
		For >100, Deduct	*-0.54*	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.99	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.52*	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.02	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.52*	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.13	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.52*	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.47	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.27*	
		For >100, Deduct	*-0.54*	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.19	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.53*	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	3.26	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.27*	
		For >100, Deduct	*-0.53*	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.59	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.27*	
		For >100, Deduct	*-0.55*	
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.10	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.57*	

05 05 23 00-1190 Threaded Rod *(05 05 23)*

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.

05 05 23 00-1191 Plain Finish Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	1.80	0.45
		For Left Hand Threaded Rod, Add	*0.09*	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.35	0.50
		For Left Hand Threaded Rod, Add	*0.14*	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.73	0.57
		For Left Hand Threaded Rod, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.64	0.58
		For Left Hand Threaded Rod, Add	*0.25*	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.74	0.60
		For Left Hand Threaded Rod, Add	*0.25*	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.60	0.61
		For Left Hand Threaded Rod, Add	*0.34*	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.16	0.62
		For Left Hand Threaded Rod, Add	*0.39*	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	8.40	0.64
		For Left Hand Threaded Rod, Add	*0.71*	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.15	0.66
		For Left Hand Threaded Rod, Add	*0.78*	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.48	0.75
		For Left Hand Threaded Rod, Add	*1.10*	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	15.52	0.84
		For Left Hand Threaded Rod, Add	*1.38*	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	20.56	0.91
		For Left Hand Threaded Rod, Add	*1.87*	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	25.54	0.99
		For Left Hand Threaded Rod, Add	*2.36*	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	30.52	1.03
		For Left Hand Threaded Rod, Add	*2.85*	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	37.39	1.08
		For Left Hand Threaded Rod, Add	*3.52*	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	47.72	1.14
		For Left Hand Threaded Rod, Add	*4.55*	

05 05 23 00-1208 Zinc Plated Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	1.82	0.45
		For Left Hand Threaded Rod, Add	*0.09*	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.65	0.50
		For Left Hand Threaded Rod, Add	*0.17*	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.95	0.57
		For Left Hand Threaded Rod, Add	*0.18*	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	4.20	0.58
		For Left Hand Threaded Rod, Add	*0.30*	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	4.52	0.60
		For Left Hand Threaded Rod, Add	*0.33*	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.88	0.61
		For Left Hand Threaded Rod, Add	*0.47*	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	6.23	0.62
		For Left Hand Threaded Rod, Add	*0.50*	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	9.32	0.64
		For Left Hand Threaded Rod, Add	*0.80*	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	12.03	0.66
		For Left Hand Threaded Rod, Add	*1.07*	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	16.12	0.75
		For Left Hand Threaded Rod, Add	*1.46*	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	20.79	0.84
		For Left Hand Threaded Rod, Add	*1.91*	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	24.79	0.91
		For Left Hand Threaded Rod, Add	*2.29*	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	28.16	0.99
		For Left Hand Threaded Rod, Add	*2.62*	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	35.42	1.03
		For Left Hand Threaded Rod, Add	*3.34*	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	43.85	1.08
		For Left Hand Threaded Rod, Add	*4.17*	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	63.90	1.14
		For Left Hand Threaded Rod, Add	*6.16*	

05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	4.79	0.57
		For Left Hand Threaded Rod, Add	*0.37*	
05 05 23 00-1227	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	6.66	0.60
		For Left Hand Threaded Rod, Add	*0.55*	
05 05 23 00-1228	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	8.94	0.62
		For Left Hand Threaded Rod, Add	*0.77*	
05 05 23 00-1229	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	12.24	0.64
		For Left Hand Threaded Rod, Add	*1.10*	
05 05 23 00-1230	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	16.89	0.66
		For Left Hand Threaded Rod, Add	*1.56*	
05 05 23 00-1231	LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	21.78	0.75
		For Left Hand Threaded Rod, Add	*2.03*	
05 05 23 00-1232	LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	28.62	0.84
		For Left Hand Threaded Rod, Add	*2.69*	
05 05 23 00-1233	LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	37.61	0.91
		For Left Hand Threaded Rod, Add	*3.57*	
05 05 23 00-1234	LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	42.02	0.99
		For Left Hand Threaded Rod, Add	*4.01*	
05 05 23 00-1235	LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	49.99	1.03
		For Left Hand Threaded Rod, Add	*4.79*	
05 05 23 00-1236	LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	60.70	1.08
		For Left Hand Threaded Rod, Add	*5.86*	
05 05 23 00-1237	LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	105.81	1.14
		For Left Hand Threaded Rod, Add	*10.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1238		**304/18-8 Stainless Steel Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1239	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	2.44	0.45
		For Left Hand Threaded Rod, Add	*0.15*	
05 05 23 00-1240	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.62	0.50
		For Left Hand Threaded Rod, Add	*0.26*	
05 05 23 00-1241	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.64	0.57
		For Left Hand Threaded Rod, Add	*0.35*	
05 05 23 00-1242	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.38	0.58
		For Left Hand Threaded Rod, Add	*0.52*	
05 05 23 00-1243	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	7.62	0.60
		For Left Hand Threaded Rod, Add	*0.64*	
05 05 23 00-1244	LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	10.88	0.61
		For Left Hand Threaded Rod, Add	*0.97*	
05 05 23 00-1245	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.36	0.62
		For Left Hand Threaded Rod, Add	*1.01*	
05 05 23 00-1246	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	15.84	0.64
		For Left Hand Threaded Rod, Add	*1.46*	
05 05 23 00-1247	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	21.71	0.66
		For Left Hand Threaded Rod, Add	*2.04*	
05 05 23 00-1248	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	27.82	0.75
		For Left Hand Threaded Rod, Add	*2.63*	
05 05 23 00-1249	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	58.71	0.91
		For Left Hand Threaded Rod, Add	*5.68*	
05 05 23 00-1250	LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	89.27	1.03
		For Left Hand Threaded Rod, Add	*8.72*	
05 05 23 00-1251	LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	91.82	1.08
		For Left Hand Threaded Rod, Add	*8.97*	
05 05 23 00-1252	LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod	126.95	1.14
		For Left Hand Threaded Rod, Add	*12.47*	
05 05 23 00-1253		**316 Stainless Steel Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1254	LF	1/4" Diameter, 316 Stainless Steel Threaded Rod	3.48	0.45
		For Left Hand Threaded Rod, Add	*0.26*	
05 05 23 00-1255	LF	5/16" Diameter, 316 Stainless Steel Threaded Rod	5.53	0.50
		For Left Hand Threaded Rod, Add	*0.45*	
05 05 23 00-1256	LF	3/8" Diameter, 316 Stainless Steel Threaded Rod	7.32	0.57
		For Left Hand Threaded Rod, Add	*0.62*	
05 05 23 00-1257	LF	7/16" Diameter, 316 Stainless Steel Threaded Rod	11.33	0.58
		For Left Hand Threaded Rod, Add	*1.02*	
05 05 23 00-1258	LF	1/2" Diameter, 316 Stainless Steel Threaded Rod	12.01	0.60
		For Left Hand Threaded Rod, Add	*1.08*	
05 05 23 00-1259	LF	9/16" Diameter, 316 Stainless Steel Threaded Rod	15.71	0.61
		For Left Hand Threaded Rod, Add	*1.45*	
05 05 23 00-1260	LF	5/8" Diameter, 316 Stainless Steel Threaded Rod	16.89	0.62
		For Left Hand Threaded Rod, Add	*1.56*	
05 05 23 00-1261	LF	3/4" Diameter, 316 Stainless Steel Threaded Rod	24.55	0.64
		For Left Hand Threaded Rod, Add	*2.33*	
05 05 23 00-1262	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod	33.54	0.66
		For Left Hand Threaded Rod, Add	*3.22*	
05 05 23 00-1263	LF	1" Diameter, 316 Stainless Steel Threaded Rod	42.42	0.75
		For Left Hand Threaded Rod, Add	*4.09*	
05 05 23 00-1264	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod	89.36	0.91
		For Left Hand Threaded Rod, Add	*8.75*	
05 05 23 00-1265	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod	117.06	1.03
		For Left Hand Threaded Rod, Add	*11.50*	
05 05 23 00-1266		**Plain Finish Steel, B-7 Alloy Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	3.06	0.45
		For Zinc Plating, Add	*1.08*	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	4.69	0.50
		For Zinc Plating, Add	*1.85*	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	4.91	0.57
		For Zinc Plating, Add	*1.89*	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.35	0.58
		For Zinc Plating, Add	*2.09*	
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	5.90	0.60
		For Zinc Plating, Add	*2.35*	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	7.34	0.61
		For Zinc Plating, Add	*3.06*	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	7.57	0.62
		For Zinc Plating, Add	*3.16*	
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	10.03	0.64
		For Zinc Plating, Add	*4.37*	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	12.00	0.66
		For Zinc Plating, Add	*5.34*	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	15.56	0.75
		For Zinc Plating, Add	*7.03*	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	20.22	0.84
		For Zinc Plating, Add	*9.27*	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	22.51	0.91
		For Zinc Plating, Add	*10.31*	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	25.97	0.99
		For Zinc Plating, Add	*12.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	31.55	1.03
		For Zinc Plating, Add	*14.75*	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	32.61	1.08
		For Zinc Plating, Add	*15.23*	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	43.74	1.14
		For Zinc Plating, Add	*20.74*	

05 05 23 00-1283 Nuts And Washers *(05 05 23)*

05 05 23 00-1284 Hex Nuts *(05 05 23 00-1283)*

05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.53	0.24
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.60	0.24
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.64	0.24
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.74	0.24
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.80	0.24
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.04	0.24
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.08	0.24
05 05 23 00-1293	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.26	0.48
05 05 23 00-1294	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.82	0.48
05 05 23 00-1295	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.31	0.48
05 05 23 00-1296	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.74	0.48
05 05 23 00-1297	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	4.58	0.48
05 05 23 00-1298	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	6.70	0.48
05 05 23 00-1299	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	7.75	0.73
05 05 23 00-1300	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	11.32	0.73
05 05 23 00-1301	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	16.33	0.73

05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1303	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.55	0.24
05 05 23 00-1304	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.61	0.24
05 05 23 00-1305	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.66	0.24
05 05 23 00-1306	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.77	0.24
05 05 23 00-1307	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.89	0.24
05 05 23 00-1308	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.06	0.24
05 05 23 00-1309	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.10	0.24
05 05 23 00-1310	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.42	0.48
05 05 23 00-1311	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.98	0.48
05 05 23 00-1312	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.79	0.48
05 05 23 00-1313	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	4.22	0.48
05 05 23 00-1314	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	5.95	0.48
05 05 23 00-1315	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	8.69	0.48
05 05 23 00-1316	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	9.60	0.73
05 05 23 00-1317	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	17.24	0.73
05 05 23 00-1318	EA	2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	24.68	0.73

05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1320	EA	1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.56	0.24
05 05 23 00-1321	EA	5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.65	0.24
05 05 23 00-1322	EA	3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.70	0.24
05 05 23 00-1323	EA	7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.87	0.24
05 05 23 00-1324	EA	1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.03	0.24
05 05 23 00-1325	EA	9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.22	0.24
05 05 23 00-1326	EA	5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.39	0.24
05 05 23 00-1327	EA	3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.71	0.48
05 05 23 00-1328	EA	7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.54	0.48
05 05 23 00-1329	EA	1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.37	0.48
05 05 23 00-1330	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	5.25	0.48
05 05 23 00-1331	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	6.55	0.48
05 05 23 00-1332	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	10.72	0.48
05 05 23 00-1333	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	11.38	0.73
05 05 23 00-1334	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	17.29	0.73
05 05 23 00-1335	EA	2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	24.41	0.73

05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1337	EA	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.56	0.24
05 05 23 00-1338	EA	5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.63	0.24
05 05 23 00-1339	EA	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.68	0.24
05 05 23 00-1340	EA	7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.85	0.24
05 05 23 00-1341	EA	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.97	0.24
05 05 23 00-1342	EA	9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.07	0.24
05 05 23 00-1343	EA	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.19	0.24
05 05 23 00-1344	EA	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.56	0.48
05 05 23 00-1345	EA	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.24	0.48
05 05 23 00-1346	EA	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.09	0.48
05 05 23 00-1347	EA	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	5.07	0.48
05 05 23 00-1348	EA	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	6.51	0.48
05 05 23 00-1349	EA	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	9.61	0.48
05 05 23 00-1350	EA	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	11.20	0.73
05 05 23 00-1351	EA	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	19.46	0.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1352	EA	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	33.60	0.73
05 05 23 00-1353		**304 Stainless Steel Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1354	EA	1/4" Diameter, 304 Stainless Steel Hex Nut	0.60	0.24
05 05 23 00-1355	EA	5/16" Diameter, 304 Stainless Steel Hex Nut	0.71	0.24
05 05 23 00-1356	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	0.79	0.24
05 05 23 00-1357	EA	7/16" Diameter, 304 Stainless Steel Hex Nut	1.14	0.24
05 05 23 00-1358	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	1.23	0.24
05 05 23 00-1359	EA	9/16" Diameter, 304 Stainless Steel Hex Nut	1.81	0.24
05 05 23 00-1360	EA	5/8" Diameter, 304 Stainless Steel Hex Nut	2.01	0.24
05 05 23 00-1361	EA	3/4" Diameter, 304 Stainless Steel Hex Nut	2.30	0.48
05 05 23 00-1362	EA	7/8" Diameter, 304 Stainless Steel Hex Nut	3.69	0.48
05 05 23 00-1363	EA	1" Diameter, 304 Stainless Steel Hex Nut	5.61	0.48
05 05 23 00-1364	EA	1-1/4" Diameter, 304 Stainless Steel Hex Nut	13.33	0.48
05 05 23 00-1365	EA	1-1/2" Diameter, 304 Stainless Steel Hex Nut	25.46	0.73
05 05 23 00-1366	EA	1-3/4" Diameter, 304 Stainless Steel Hex Nut	44.63	0.73
05 05 23 00-1367	EA	2" Diameter, 304 Stainless Steel Hex Nut	63.53	0.73
05 05 23 00-1368		**316 Stainless Steel Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1369	EA	1/4" Diameter, 316 Stainless Steel Hex Nut	0.69	0.24
05 05 23 00-1370	EA	5/16" Diameter, 316 Stainless Steel Hex Nut	0.79	0.24
05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut	0.93	0.24
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut	1.46	0.24
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut	1.57	0.24
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut	2.09	0.24
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut	2.36	0.24
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut	3.24	0.48
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut	4.46	0.48
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut	6.84	0.48
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut	20.57	0.48
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut	33.18	0.73
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut	55.87	0.73
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut	103.70	0.73
05 05 23 00-1383		**Flat Washers** *(05 05 23 00-1283)*		
05 05 23 00-1384		**Zinc Plated Steel, Low Carbon Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.04	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.06	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.10	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.16	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.23	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.25	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.44	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.63	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.75	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.92	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.04	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.24	
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.95	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.00	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.95	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.67	
05 05 23 00-1401		**Zinc Plated Steel, Hardened Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.13	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.19	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.21	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.29	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.39	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.63	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.90	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.27	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.12	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.35	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.42	
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.73	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	4.92	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.63	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	7.56	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	9.08	
05 05 23 00-1418		**Hot Dipped Galvanized Steel Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.09	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.13	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.14	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.26	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.34	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.55	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.94	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.32	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.45	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.22	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.47	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.53	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.82	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	5.55	
05 05 23 00-1434		304/18-8 Stainless Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.10	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.13	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.18	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.33	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.61	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.76	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.12	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.14	
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.40	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.04	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.54	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	3.81	
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.02	
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.91	
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	6.09	
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	11.98	
05 05 23 00-1451		316 Stainless Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.19	
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.20	
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.36	
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.43	
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	0.79	
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	1.42	
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer	1.68	
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer	2.11	
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer	3.27	
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer	3.66	
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	4.16	
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	5.13	
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	5.42	
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	5.55	
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	8.13	
05 05 23 00-1467		Lock Washers *(05 05 23 00-1283)*		
05 05 23 00-1468		Zinc Plated Steel, Low Carbon Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.03	
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.04	
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.06	
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.09	
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.15	
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.16	
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.25	
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.42	
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.75	
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.10	
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.68	
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.66	
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	3.14	
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	5.60	
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	6.30	
05 05 23 00-1485		Hot Dipped Galvanized Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1486	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.07	
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.08	
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.11	
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.12	
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.19	
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.24	
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.29	
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.48	
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.70	
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.10	
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.99	
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	2.37	
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.42	
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.91	
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.29	
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	7.21	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1502		304/18-8 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1503	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.08	
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.11	
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.16	
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.29	
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.32	
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.78	
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.92	
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.08	
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.95	
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.75	
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	4.80	
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	6.39	
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	8.13	
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	9.75	
05 05 23 00-1517		316 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1518	EA	1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.10	
05 05 23 00-1519	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.21	
05 05 23 00-1520	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.25	
05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.42	
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.47	
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.84	
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.92	
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	1.58	
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	2.62	
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	3.57	
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	4.98	
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	7.66	
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	13.71	
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	15.23	
05 05 23 00-1532		Load Indicating Washers *(05 05 23 00-1283)*		
05 05 23 00-1533		A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1532)*		
05 05 23 00-1534		Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1535	EA	1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.83	
05 05 23 00-1536	EA	5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.07	
05 05 23 00-1537	EA	3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.23	
05 05 23 00-1538	EA	7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.53	
05 05 23 00-1539	EA	1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.06	
05 05 23 00-1540	EA	1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.08	
05 05 23 00-1541	EA	1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.56	
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.38	
05 05 23 00-1543	EA	1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	9.22	
05 05 23 00-1544		Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1545	EA	1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.31	
05 05 23 00-1546	EA	5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.57	
05 05 23 00-1547	EA	3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.50	
05 05 23 00-1548	EA	7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.06	
05 05 23 00-1549	EA	1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.62	
05 05 23 00-1550	EA	1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.46	
05 05 23 00-1551	EA	1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.87	
05 05 23 00-1552	EA	1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	9.77	
05 05 23 00-1553	EA	1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	10.75	
05 05 23 00-1554		Beveled Washers *(05 05 23 00-1283)*		
05 05 23 00-1555		Plain Finish, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1556	EA	1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.02	
05 05 23 00-1557	EA	5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.08	
05 05 23 00-1558	EA	3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.15	
05 05 23 00-1559	EA	7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	3.82	
05 05 23 00-1560	EA	1", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.02	
05 05 23 00-1561		Galvanized, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1562	EA	1/2", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.34	
05 05 23 00-1563	EA	5/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.53	
05 05 23 00-1564	EA	3/4", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.53	
05 05 23 00-1565	EA	7/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	4.79	
05 05 23 00-1566	EA	1", Galvanized, Square Beveled Structural Washer (ASTM F436)	5.09	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1567		Drilling In Steel Plates *(05 05 23)*		
05 05 23 00-1568	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	16.81	
		For Aluminum, Deduct	*-1.68*	
		For Stainless Steel, Add	*2.10*	
05 05 23 00-1569	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	19.79	
		For Aluminum, Deduct	*-1.98*	
		For Stainless Steel, Add	*2.47*	
05 05 23 00-1570	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	23.74	
		For Aluminum, Deduct	*-2.37*	
		For Stainless Steel, Add	*2.97*	
05 05 23 00-1571	EA	>1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate	27.70	
		For Aluminum, Deduct	*-2.77*	
		For Stainless Steel, Add	*3.46*	
05 05 23 00-1572	EA	>4" To 10" Diameter Drill Through Up To 1/4" Steel Plate	37.09	
		For Aluminum, Deduct	*-3.71*	
		For Stainless Steel, Add	*4.64*	
05 05 23 00-1573	EA	Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	19.79	
		For Aluminum, Deduct	*-1.98*	
		For Stainless Steel, Add	*2.47*	
05 05 23 00-1574	EA	>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate	24.72	
		For Aluminum, Deduct	*-2.47*	
		For Stainless Steel, Add	*3.09*	
05 05 23 00-1575	EA	>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	29.67	
		For Aluminum, Deduct	*-2.97*	
		For Stainless Steel, Add	*3.71*	
05 05 23 00-1576	EA	>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate	37.09	
		For Aluminum, Deduct	*-3.71*	
		For Stainless Steel, Add	*4.64*	
05 05 23 00-1577	EA	Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate	24.72	
		For Aluminum, Deduct	*-2.47*	
		For Stainless Steel, Add	*3.09*	
05 05 23 00-1578	EA	>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate	32.64	
		For Aluminum, Deduct	*-3.26*	
		For Stainless Steel, Add	*4.08*	
05 05 23 00-1579	EA	>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate	39.56	
05 05 23 00-1580		Welded Stud Anchors *(05 05 23)*		
05 05 23 00-1581	EA	1/4" Diameter x 1-1/8" Long, Welded Stud Concrete Anchors	3.10	
05 05 23 00-1582	EA	1/4" Diameter x 2-11/16" Long, Welded Stud Concrete Anchors	3.16	
05 05 23 00-1583	EA	1/4" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	3.19	
05 05 23 00-1584	EA	1/4" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	3.21	
05 05 23 00-1585	EA	3/8" Diameter x 1-3/8" Long, Welded Stud Concrete Anchors	3.09	
05 05 23 00-1586	EA	3/8" Diameter x 1-5/8" Long, Welded Stud Concrete Anchors	3.24	
05 05 23 00-1587	EA	3/8" Diameter x 2-1/8" Long, Welded Stud Concrete Anchors	3.39	
05 05 23 00-1588	EA	3/8" Diameter x 2-5/8" Long, Welded Stud Concrete Anchors	3.47	
05 05 23 00-1589	EA	3/8" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	3.54	
05 05 23 00-1590	EA	3/8" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	3.85	
05 05 23 00-1591	EA	3/8" Diameter x 5-1/8" Long, Welded Stud Concrete Anchors	4.10	
05 05 23 00-1592	EA	3/8" Diameter x 6-1/8" Long, Welded Stud Concrete Anchors	4.30	
05 05 23 00-1593	EA	1/2" Diameter x 1-1/2" Long, Welded Stud Concrete Anchors	3.76	
05 05 23 00-1594	EA	1/2" Diameter x 1-5/8" Long, Welded Stud Concrete Anchors	3.78	
05 05 23 00-1595	EA	1/2" Diameter x 2-1/8" Long, Welded Stud Concrete Anchors	4.01	
05 05 23 00-1596	EA	1/2" Diameter x 2-5/8" Long, Welded Stud Concrete Anchors	4.23	
05 05 23 00-1597	EA	1/2" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	4.50	
05 05 23 00-1598	EA	1/2" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	4.92	
05 05 23 00-1599	EA	1/2" Diameter x 5-5/16" Long, Welded Stud Concrete Anchors	5.18	
05 05 23 00-1600	EA	1/2" Diameter x 6-1/8" Long, Welded Stud Concrete Anchors	5.92	
05 05 23 00-1601	EA	1/2" Diameter x 8-1/8" Long, Welded Stud Concrete Anchors	7.31	
05 05 23 00-1602	EA	5/8" Diameter x 2-11/16" Long, Welded Stud Concrete Anchors	5.25	
05 05 23 00-1603	EA	5/8" Diameter x 3-3/16" Long, Welded Stud Concrete Anchors	5.60	
05 05 23 00-1604	EA	5/8" Diameter x 3-11/16" Long, Welded Stud Concrete Anchors	5.88	
05 05 23 00-1605	EA	5/8" Diameter x 4-3/16" Long, Welded Stud Concrete Anchors	6.17	
05 05 23 00-1606	EA	5/8" Diameter x 4-11/16" Long, Welded Stud Concrete Anchors	6.40	
05 05 23 00-1607	EA	5/8" Diameter x 5-3/16" Long, Welded Stud Concrete Anchors	6.62	
05 05 23 00-1608	EA	5/8" Diameter x 6-3/16" Long, Welded Stud Concrete Anchors	6.91	
05 05 23 00-1609	EA	5/8" Diameter x 6-9/16" Long, Welded Stud Concrete Anchors	8.09	
05 05 23 00-1610	EA	5/8" Diameter x 8-3/16" Long, Welded Stud Concrete Anchors	9.73	
05 05 23 00-1611		Welded Shear Stud Connector *(05 05 23)*		
05 05 23 00-1612		3/4" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*		
05 05 23 00-1613	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	6.68	
05 05 23 00-1614	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	6.93	
05 05 23 00-1615	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	7.00	
05 05 23 00-1616	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	7.03	
05 05 23 00-1617	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	7.32	
05 05 23 00-1618	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	7.83	
05 05 23 00-1619	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	12.87	
05 05 23 00-1620	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	8.44	
05 05 23 00-1621	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	9.36	
05 05 23 00-1622	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	12.45	
05 05 23 00-1623	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	12.73	
05 05 23 00-1624	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	13.74	
05 05 23 00-1625	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	17.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-1626 7/8" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*

05 05 23 00-1627	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	7.94	
05 05 23 00-1628	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	8.34	
05 05 23 00-1629	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	8.74	
05 05 23 00-1630	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	9.89	
05 05 23 00-1631	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	13.07	
05 05 23 00-1632	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	14.29	
05 05 23 00-1633	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	15.49	
05 05 23 00-1634	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	18.88	

05 05 23 00-1635 1" Diameter Welded Shear Stud Connector *(05 05 23 00-1611)*

05 05 23 00-1636	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	10.56	
05 05 23 00-1637	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	11.80	
05 05 23 00-1638	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	13.63	
05 05 23 00-1639	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	17.64	
05 05 23 00-1640	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	19.55	
05 05 23 00-1641	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	21.45	

05 10 Structural Metal Framing *(05)*

05 12 Structural Steel Framing *(05 10)*

05 12 23 Structural Steel For Buildings *(05 12)*

Note: Prices are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection. Excludes moment connection welding. See CSI section 05 12 23 00-0117 for field fabrication of additional structural metal connections, 05 12 23 00-0132 for moment connection welding.

05 12 23 00-0001 Rolled Steel Members *(05 12 23)*

05 12 23 00-0002 Beams, Girders And Columns *(05 12 23 00-0001)*

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON	Up To 30 LB/LF Beams, Girders And Columns	6,796.77	1,041.00
		For ASTM A242 Type 2 High Strength Steel, Add	*371.45*	
		For Hot Dip Galvanizing, Add	*1,300.08*	
05 12 23 00-0004	TON	>30-65 LB/LF Beams, Girders And Columns	4,528.55	672.94
		For ASTM A242 Type 2 High Strength Steel, Add	*304.85*	
		For Hot Dip Galvanizing, Add	*1,066.99*	
05 12 23 00-0005	TON	>65-100 LB/LF Beams, Girders And Columns	3,786.87	378.56
		For ASTM A242 Type 2 High Strength Steel, Add	*270.64*	
		For Hot Dip Galvanizing, Add	*947.26*	
05 12 23 00-0006	TON	>100-300 LB/LF Beams, Girders And Columns	2,528.08	201.50
		For ASTM A242 Type 2 High Strength Steel, Add	*185.02*	
		For Hot Dip Galvanizing, Add	*647.56*	

05 12 23 00-0007 Trusses, Built-Up *(05 12 23 00-0001)*

05 12 23 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members	4,803.29	707.97
		For ASTM A242 Type 2 High Strength Steel, Add	*323.88*	
		For Hot Dip Galvanizing, Add	*1,133.59*	

05 12 23 00-0009 Shapes *(05 12 23 00-0001)*

05 12 23 00-0010 Rolled Shape Steel Angles *(05 12 23 00-0009)*

05 12 23 00-0011	TON	Up To 10 LB/LF Rolled Shape Steel Angles	9,930.74	1,935.22
		For ASTM A242 Type 2 High Strength Steel, Add	*536.43*	
		For Hot Dip Galvanizing, Add	*1,877.50*	
05 12 23 00-0012	TON	>10-20 LB/LF Rolled Shape Steel Angles	8,567.99	1,135.70
		For ASTM A242 Type 2 High Strength Steel, Add	*513.15*	
		For Hot Dip Galvanizing, Add	*1,796.03*	
05 12 23 00-0013	TON	>20-58 LB/LF Rolled Shape Steel Angles	6,360.39	672.94
		For ASTM A242 Type 2 High Strength Steel, Add	*451.41*	
		For Hot Dip Galvanizing, Add	*1,579.94*	

05 12 23 00-0014 Rolled C, MC Steel Channels *(05 12 23 00-0009)*

05 12 23 00-0015	TON	Up To 10 LB/LF Rolled C, MC Steel Channels	11,041.54	2,649.95
		For ASTM A242 Type 2 High Strength Steel, Add	*528.33*	
		For Hot Dip Galvanizing, Add	*1,849.16*	
05 12 23 00-0016	TON	>10-20 LB/LF Rolled C, MC Steel Channels	8,479.43	2,019.01
		For ASTM A242 Type 2 High Strength Steel, Add	*506.07*	
		For Hot Dip Galvanizing, Add	*1,771.23*	
05 12 23 00-0017	TON	>20-58 LB/LF Rolled C, MC Steel Channels	6,259.18	672.94
		For ASTM A242 Type 2 High Strength Steel, Add	*443.31*	
		For Hot Dip Galvanizing, Add	*1,551.60*	

05 12 23 00-0018 Double L Shape Steel Angles *(05 12 23 00-0009)*

05 12 23 00-0019	TON	Up To 20 LB/LF Double L Shape Steel Angles	9,140.15	1,535.45
		For ASTM A242 Type 2 High Strength Steel, Add	*516.19*	
		For Hot Dip Galvanizing, Add	*1,806.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0020	TON	>20-50 LB/LF Double L Shape Steel Angles	6,790.55	672.94
		For ASTM A242 Type 2 High Strength Steel, Add	*485.82*	
		For Hot Dip Galvanizing, Add	*1,700.38*	
05 12 23 00-0021	TON	>50-80 LB/LF Double L Shape Steel Angles	5,084.92	378.56
		For ASTM A242 Type 2 High Strength Steel, Add	*374.49*	
		For Hot Dip Galvanizing, Add	*1,310.71*	
05 12 23 00-0022	TON	>80-115 LB/LF Double L Shape Steel Angles	3,251.41	201.80
		For ASTM A242 Type 2 High Strength Steel, Add	*242.91*	
		For Hot Dip Galvanizing, Add	*850.19*	
05 12 23 00-0023		Structural WT, MT, ST Tee Shapes *(05 12 23 00-0001)*		
05 12 23 00-0024	TON	Up To 30 LB/LF Structural WT, MT, ST Tee Shapes	8,226.40	1,135.70
		For ASTM A242 Type 2 High Strength Steel, Add	*485.82*	
		For Hot Dip Galvanizing, Add	*1,700.38*	
05 12 23 00-0025	TON	>30-65 LB/LF Structural WT, MT, ST Tee Shapes	5,361.02	672.94
		For ASTM A242 Type 2 High Strength Steel, Add	*371.45*	
		For Hot Dip Galvanizing, Add	*1,300.08*	
05 12 23 00-0026	TON	>65-100 LB/LF Structural WT, MT, ST Tee Shapes	4,199.30	378.56
		For ASTM A242 Type 2 High Strength Steel, Add	*303.64*	
		For Hot Dip Galvanizing, Add	*1,062.74*	
05 12 23 00-0027	TON	>100-365 LB/LF Structural WT, MT, ST Tee Shapes	3,074.63	201.50
		For ASTM A242 Type 2 High Strength Steel, Add	*228.74*	
		For Hot Dip Galvanizing, Add	*800.60*	
05 12 23 00-0028		Combination Section Shapes *(05 12 23 00-0001)*		
05 12 23 00-0029		Combination Section, W Shapes And Angles *(05 12 23 00-0028)*		
05 12 23 00-0030	TON	Up To 30 LB/LF Combination Section - W Shapes And Angles	7,834.19	1,135.70
		For ASTM A242 Type 2 High Strength Steel, Add	*454.45*	
		For Hot Dip Galvanizing, Add	*1,590.56*	
05 12 23 00-0031	TON	>30-65 LB/LF Combination Section - W Shapes And Angles	5,398.99	672.94
		For ASTM A242 Type 2 High Strength Steel, Add	*374.49*	
		For Hot Dip Galvanizing, Add	*1,310.71*	
05 12 23 00-0032	TON	>65-100 LB/LF Combination Section - W Shapes And Angles	3,883.01	378.56
		For ASTM A242 Type 2 High Strength Steel, Add	*278.34*	
		For Hot Dip Galvanizing, Add	*974.18*	
05 12 23 00-0033	TON	>100-300 LB/LF Combination Section - W Shapes And Angles	3,327.33	201.50
		For ASTM A242 Type 2 High Strength Steel, Add	*248.98*	
		For Hot Dip Galvanizing, Add	*871.45*	
05 12 23 00-0034	TON	>300-500 LB/LF Combination Section - W Shapes And Angles	2,853.09	101.15
		For ASTM A242 Type 2 High Strength Steel, Add	*219.63*	
		For Hot Dip Galvanizing, Add	*768.71*	
05 12 23 00-0035		Combination Section, S Shapes And Angles *(05 12 23 00-0028)*		
05 12 23 00-0036	TON	>30-65 LB/LF Combination Section - S Shapes And Angles	5,196.55	672.94
		For ASTM A242 Type 2 High Strength Steel, Add	*358.29*	
		For Hot Dip Galvanizing, Add	*1,254.03*	
05 12 23 00-0037	TON	>65-100 LB/LF Combination Section - S Shapes And Angles	3,895.66	378.56
		For ASTM A242 Type 2 High Strength Steel, Add	*279.35*	
		For Hot Dip Galvanizing, Add	*977.72*	
05 12 23 00-0038		Combination Section, Channels And Angles *(05 12 23 00-0028)*		
05 12 23 00-0039	TON	Up To 30 LB/LF Combination Section - Channels And Angles	8,226.40	1,135.70
		For ASTM A242 Type 2 High Strength Steel, Add	*485.82*	
		For Hot Dip Galvanizing, Add	*1,700.38*	
05 12 23 00-0040	TON	>30-65 LB/LF Combination Section - Channels And Angles	5,652.01	672.94
		For ASTM A242 Type 2 High Strength Steel, Add	*394.73*	
		For Hot Dip Galvanizing, Add	*1,381.56*	
05 12 23 00-0041	TON	>65-100 LB/LF Combination Section - Channels And Angles	3,984.22	378.56
		For ASTM A242 Type 2 High Strength Steel, Add	*286.43*	
		For Hot Dip Galvanizing, Add	*1,002.51*	
05 12 23 00-0042		Standard Weight Pipe *(05 12 23 00-0001)*		
05 12 23 00-0043	TON	1/2" To 5" Diameter Standard Weight Pipe	4,593.39	605.71
		For ASTM A242 Type 2 High Strength Steel, Add	*315.78*	
		For Hot Dip Galvanizing, Add	*1,105.25*	
05 12 23 00-0044	TON	>5" To 12" Diameter Standard Weight Pipe	4,932.03	757.12
		For ASTM A242 Type 2 High Strength Steel, Add	*329.95*	
		For Hot Dip Galvanizing, Add	*1,154.84*	
05 12 23 00-0045		Structural Steel Shapes *(05 12 23)*		
05 12 23 00-0046		Steel Rods *(05 12 23 00-0045)*		
05 12 23 00-0047	TON	1/2" To 5" Diameter Extra Strong Steel, Solid	4,907.53	473.26
		For ASTM A242 Type 2 High Strength Steel, Add	*352.22*	
		For Hot Dip Galvanizing, Add	*1,232.78*	
05 12 23 00-0048	TON	>5" To 12" Diameter Extra Strong Steel, Solid	5,652.01	672.94
		For ASTM A242 Type 2 High Strength Steel, Add	*394.73*	
		For Hot Dip Galvanizing, Add	*1,381.56*	
05 12 23 00-0049		Column Base Plates *(05 12 23 00-0045)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0050	LB	Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items	2.57	0.63
		For ASTM A242 Type 2 High Strength Steel, Add	*0.15*	
		For Hot Dip Galvanizing, Add	*0.53*	
05 12 23 00-0051	LB	Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items	2.40	0.54
		For ASTM A242 Type 2 High Strength Steel, Add	*0.14*	
		For Hot Dip Galvanizing, Add	*0.50*	
05 12 23 00-0052	TON	Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items	4,517.91	566.51
		For ASTM A242 Type 2 High Strength Steel, Add	*313.09*	
		For Hot Dip Galvanizing, Add	*1,095.82*	
05 12 23 00-0053	TON	Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items	3,193.25	339.91
		For ASTM A242 Type 2 High Strength Steel, Add	*226.45*	
		For Hot Dip Galvanizing, Add	*792.59*	

05 12 23 00-0054 Double Extra Strong Pipes *(05 12 23 00-0045)*

05 12 23 00-0055	TON	2" To 5" Diameter Double Extra Strong Pipe	5,958.33	865.24
		For ASTM A242 Type 2 High Strength Steel, Add	*402.83*	
		For Hot Dip Galvanizing, Add	*1,409.90*	
05 12 23 00-0056	TON	>5" To 8" Diameter Double Extra Strong Pipe	5,532.33	465.89
		For ASTM A242 Type 2 High Strength Steel, Add	*402.83*	
		For Hot Dip Galvanizing, Add	*1,409.90*	

05 12 23 00-0057 Structural Pipes *(05 12 23 00-0045)*

05 12 23 00-0058	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	4,157.55	399.77
		For ASTM A242 Type 2 High Strength Steel, Add	*283.40*	
		For Hot Dip Galvanizing, Add	*991.89*	
05 12 23 00-0059	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	4,559.59	461.04
		For ASTM A242 Type 2 High Strength Steel, Add	*283.40*	
		For Hot Dip Galvanizing, Add	*991.89*	

05 12 23 00-0060 Structural Tubing *(05 12 23 00-0045)*

05 12 23 00-0061 Rectangle Structural Tubing *(05 12 23 00-0060)*

05 12 23 00-0062	TON	3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle	6,756.54	403.81
		For ASTM A242 Type 2 High Strength Steel, Add	*506.07*	
		For Hot Dip Galvanizing, Add	*1,771.23*	
05 12 23 00-0063	TON	4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle	6,822.80	465.89
		For ASTM A242 Type 2 High Strength Steel, Add	*506.07*	
		For Hot Dip Galvanizing, Add	*1,771.23*	
05 12 23 00-0064	TON	5" x 4", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle	5,978.60	504.76
		For ASTM A242 Type 2 High Strength Steel, Add	*435.22*	
		For Hot Dip Galvanizing, Add	*1,523.26*	
05 12 23 00-0065	TON	6" x 4", 3 ", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	5,706.74	605.71
		For ASTM A242 Type 2 High Strength Steel, Add	*404.85*	
		For Hot Dip Galvanizing, Add	*1,416.98*	
05 12 23 00-0066	TON	7" x 5", 4 ", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle	5,398.98	672.94
		For ASTM A242 Type 2 High Strength Steel, Add	*374.49*	
		For Hot Dip Galvanizing, Add	*1,310.71*	
05 12 23 00-0067	TON	8" x 6", 4 ", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle	5,674.47	931.27
		For ASTM A242 Type 2 High Strength Steel, Add	*374.49*	
		For Hot Dip Galvanizing, Add	*1,310.71*	
05 12 23 00-0068	TON	10" x 6", 4 ", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle	6,095.50	1,231.09
		For ASTM A242 Type 2 High Strength Steel, Add	*382.59*	
		For Hot Dip Galvanizing, Add	*1,339.05*	
05 12 23 00-0069	TON	12" x 6", 4 ", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle	6,267.40	1,344.76
		For ASTM A242 Type 2 High Strength Steel, Add	*386.63*	
		For Hot Dip Galvanizing, Add	*1,353.22*	
05 12 23 00-0070	TON	14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle	6,448.14	1,514.26
		For ASTM A242 Type 2 High Strength Steel, Add	*386.63*	
		For Hot Dip Galvanizing, Add	*1,353.22*	
05 12 23 00-0071	TON	16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle	8,175.61	3,181.26
		For ASTM A242 Type 2 High Strength Steel, Add	*382.59*	
		For Hot Dip Galvanizing, Add	*1,339.05*	
05 12 23 00-0072	TON	18" x 6" Weight Range 48-76 LB/LF Structural Tubing - Rectangle	6,809.41	2,019.01
		For ASTM A242 Type 2 High Strength Steel, Add	*372.46*	
		For Hot Dip Galvanizing, Add	*1,303.62*	
05 12 23 00-0073	TON	20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle	9,863.47	4,645.03
		For ASTM A242 Type 2 High Strength Steel, Add	*392.71*	
		For Hot Dip Galvanizing, Add	*1,374.48*	

05 12 23 00-0074 Square Structural Tubing *(05 12 23 00-0060)*

05 12 23 00-0075	TON	2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square	6,729.63	378.56
		For ASTM A242 Type 2 High Strength Steel, Add	*506.07*	
		For Hot Dip Galvanizing, Add	*1,771.23*	
05 12 23 00-0076	TON	2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square	6,756.54	403.81
		For ASTM A242 Type 2 High Strength Steel, Add	*506.07*	
		For Hot Dip Galvanizing, Add	*1,771.23*	
05 12 23 00-0077	TON	3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square	6,105.12	504.76
		For ASTM A242 Type 2 High Strength Steel, Add	*445.34*	
		For Hot Dip Galvanizing, Add	*1,558.68*	
05 12 23 00-0078	TON	3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square	6,086.28	605.71
		For ASTM A242 Type 2 High Strength Steel, Add	*435.22*	
		For Hot Dip Galvanizing, Add	*1,523.26*	
05 12 23 00-0079	TON	4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square	4,957.34	757.12
		For ASTM A242 Type 2 High Strength Steel, Add	*331.98*	
		For Hot Dip Galvanizing, Add	*1,161.93*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0080	TON	5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square	5,072.72	865.24
		For ASTM A242 Type 2 High Strength Steel, Add	*331.98*	
		For Hot Dip Galvanizing, Add	*1,161.93*	
05 12 23 00-0081	TON	6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square	5,441.91	1,211.41
		For ASTM A242 Type 2 High Strength Steel, Add	*331.98*	
		For Hot Dip Galvanizing, Add	*1,161.93*	
05 12 23 00-0082	TON	7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square	5,840.86	1,514.26
		For ASTM A242 Type 2 High Strength Steel, Add	*338.05*	
		For Hot Dip Galvanizing, Add	*1,183.18*	
05 12 23 00-0083	TON	8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square	7,062.45	2,019.01
		For ASTM A242 Type 2 High Strength Steel, Add	*392.71*	
		For Hot Dip Galvanizing, Add	*1,374.48*	
05 12 23 00-0084	TON	10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square	8,139.25	3,028.51
		For ASTM A242 Type 2 High Strength Steel, Add	*392.71*	
		For Hot Dip Galvanizing, Add	*1,374.48*	
05 12 23 00-0085	TON	12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square	8,017.22	3,554.56
		For ASTM A242 Type 2 High Strength Steel, Add	*338.05*	
		For Hot Dip Galvanizing, Add	*1,183.18*	
05 12 23 00-0086	TON	14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square	9,762.25	4,645.03
		For ASTM A242 Type 2 High Strength Steel, Add	*384.61*	
		For Hot Dip Galvanizing, Add	*1,346.13*	
05 12 23 00-0087	TON	16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square	11,369.67	6,057.03
		For ASTM A242 Type 2 High Strength Steel, Add	*392.71*	
		For Hot Dip Galvanizing, Add	*1,374.48*	

05 12 23 00-0088 Structural Shapes *(05 12 23 00-0045)*

05 12 23 00-0089	TON	Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)	7,094.78	2,266.03
		For ASTM A242 Type 2 High Strength Steel, Add	*279.83*	
		For Hot Dip Galvanizing, Add	*979.41*	
		For >20 To 50 LB/LF, Deduct	*-889.32*	
		For >50 To 75 LB/LF, Deduct	*-1,423.91*	
		For >75 To 100 LB/LF, Deduct	*-1,958.49*	
05 12 23 00-0090	TON	Structural Shapes, Steel Plate A36 Structural Steel Note: Up to 21.5 LB per SF	5,253.95	906.41
		For ASTM A242 Type 2 High Strength Steel, Add	*323.89*	
		For Hot Dip Galvanizing, Add	*1,133.61*	
		For >21.5 To 50 LB/LF, Deduct	*-585.66*	
05 12 23 00-0091	LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF)	3.03	0.20
05 12 23 00-0092	LB	Structural Shapes, Galvanized Pipe Supports	3.66	0.20

05 12 23 00-0093 Built-Up Trusses *(05 12 23 00-0045)*

05 12 23 00-0094	TON	Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up	5,472.26	302.85
05 12 23 00-0095	TON	>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	5,379.28	168.18
05 12 23 00-0096	TON	>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	4,776.12	89.04
05 12 23 00-0097	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up	4,644.33	84.20

05 12 23 00-0098 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps *(05 12 23 00-0045)*

Note: Includes shop fabrication, welds, drilling and shop primer.

05 12 23 00-0099	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	19.75	6.53
05 12 23 00-0100	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	29.63	9.76
05 12 23 00-0101	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	39.50	13.01
05 12 23 00-0102	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	49.39	16.26
05 12 23 00-0103	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	59.26	19.42
05 12 23 00-0104	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	69.13	22.77
05 12 23 00-0105	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	79.00	26.02
05 12 23 00-0106	SF	1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	88.89	29.28
05 12 23 00-0107	SF	1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	98.76	32.53
05 12 23 00-0108	SF	1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	108.63	35.78
05 12 23 00-0109	SF	1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	118.51	39.04
05 12 23 00-0110	SF	1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	128.38	42.29
05 12 23 00-0111	SF	1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	138.25	45.54
05 12 23 00-0112	SF	1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	148.15	48.79
05 12 23 00-0113	SF	2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	158.02	52.05

05 12 23 00-0114 Accessories For Steel *(05 12 23)*

05 12 23 00-0115 Field Painting For Touch-Up Of Shop Prime Coat *(05 12 23 00-0114)*

05 12 23 00-0116	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	0.94	

05 12 23 00-0117 Connection And Stiffener Plates *(05 12 23 00-0114)*

Note: For field fabrication of additional structural metal connections.

05 12 23 00-0118	TON	1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates	11,687.94	
05 12 23 00-0119	TON	3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates	9,972.10	
05 12 23 00-0120	TON	1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates	7,711.63	
05 12 23 00-0121	TON	5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates	7,711.63	
05 12 23 00-0122	TON	3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates	7,711.63	
05 12 23 00-0123	TON	1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates	7,711.63	
05 12 23 00-0124	TON	9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates	7,711.63	
05 12 23 00-0125	TON	5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates	7,711.63	
05 12 23 00-0126	TON	3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates	7,229.65	
05 12 23 00-0127	TON	7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates	7,229.65	
05 12 23 00-0128	TON	1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates	7,229.65	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0129		**Spot Welding** *(05 12 23 00-0114)* See CSI section 05 12 23 00-0132 for a series of welds.		
05 12 23 00-0130	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each	10.13	
		For Aluminum Welding, Add	*1.56*	
		For Stainless Steel Welding, Add	*2.59*	
05 12 23 00-0131	EA	>15 Spot Weldings, Welds Up To 1" Length Each	7.90	
		For Aluminum Welding, Add	*1.23*	
		For Stainless Steel Welding, Add	*2.03*	
05 12 23 00-0132		**Field Welding (Seam And Stitch Welding)** *(05 12 23 00-0114)*		
05 12 23 00-0133		**Vertical Fillet Welds** *(05 12 23 00-0132)* Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 12 23 00-0134	LF	1/8" Vertical Fillet Weld	6.29	
		For Aluminum Welding, Add	*1.15*	
		For Stainless Steel Welding, Add	*1.84*	
		For Up To 25, Add	*2.11*	
		For >25 To 50, Add	*1.50*	
05 12 23 00-0135	LF	3/16" Vertical Fillet Weld	12.31	
		For Aluminum Welding, Add	*2.11*	
		For Stainless Steel Welding, Add	*3.41*	
		For Up To 25, Add	*4.20*	
		For >25 To 50, Add	*2.99*	
05 12 23 00-0136	LF	1/4" Vertical Fillet Weld	18.47	
		For Aluminum Welding, Add	*3.17*	
		For Stainless Steel Welding, Add	*5.11*	
		For Up To 25, Add	*6.30*	
		For >25 To 50, Add	*4.49*	
05 12 23 00-0137	LF	5/16" Vertical Fillet Weld	24.35	
		For Aluminum Welding, Add	*4.19*	
		For Stainless Steel Welding, Add	*6.76*	
		For Up To 25, Add	*8.30*	
		For >25 To 50, Add	*5.91*	
05 12 23 00-0138	LF	3/8" Vertical Fillet Weld	30.78	
		For Aluminum Welding, Add	*5.28*	
		For Stainless Steel Welding, Add	*8.52*	
		For Up To 25, Add	*10.50*	
		For >25 To 50, Add	*7.48*	
05 12 23 00-0139	LF	7/16" Vertical Fillet Weld	36.02	
		For Aluminum Welding, Add	*5.93*	
		For Stainless Steel Welding, Add	*9.66*	
		For Up To 25, Add	*12.39*	
		For >25 To 50, Add	*8.83*	
05 12 23 00-0140	LF	1/2" Vertical Fillet Weld	42.07	
		For Aluminum Welding, Add	*7.23*	
		For Stainless Steel Welding, Add	*11.67*	
		For Up To 25, Add	*14.34*	
		For >25 To 50, Add	*10.21*	
05 12 23 00-0141	LF	9/16" Vertical Fillet Weld	49.41	
		For Aluminum Welding, Add	*8.24*	
		For Stainless Steel Welding, Add	*13.39*	
		For Up To 25, Add	*16.95*	
		For >25 To 50, Add	*12.08*	
05 12 23 00-0142	LF	5/8" Vertical Fillet Weld	57.27	
		For Aluminum Welding, Add	*9.57*	
		For Stainless Steel Welding, Add	*15.54*	
		For Up To 25, Add	*19.64*	
		For >25 To 50, Add	*13.99*	
05 12 23 00-0143	LF	3/4" Vertical Fillet Weld	76.99	
		For Aluminum Welding, Add	*13.23*	
		For Stainless Steel Welding, Add	*21.35*	
		For Up To 25, Add	*26.25*	
		For >25 To 50, Add	*18.69*	
05 12 23 00-0144	LF	7/8" Vertical Fillet Weld	114.40	
		For Aluminum Welding, Add	*19.03*	
		For Stainless Steel Welding, Add	*30.94*	
		For Up To 25, Add	*39.26*	
		For >25 To 50, Add	*27.98*	
05 12 23 00-0145	LF	1" Vertical Fillet Weld	153.62	
		For Aluminum Welding, Add	*26.18*	
		For Stainless Steel Welding, Add	*42.33*	
		For Up To 25, Add	*52.46*	
		For >25 To 50, Add	*37.36*	
05 12 23 00-0146		**Horizontal Or Flat Fillet Welds** *(05 12 23 00-0132)* Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 12 23 00-0147	LF	1/8" Horizontal Or Flat Fillet Weld	5.26	
		For Aluminum Welding, Add	*1.00*	
		For Stainless Steel Welding, Add	*1.58*	
		For Up To 25, Add	*1.75*	
		For >25 To 50, Add	*1.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0148	LF	3/16" Horizontal Or Flat Fillet Weld	10.38	
		For Aluminum Welding, Add	*1.83*	
		For Stainless Steel Welding, Add	*2.94*	
		For Up To 25, Add	*3.52*	
		For >25 To 50, Add	*2.50*	
05 12 23 00-0149	LF	1/4" Horizontal Or Flat Fillet Weld	15.52	
		For Aluminum Welding, Add	*2.74*	
		For Stainless Steel Welding, Add	*4.40*	
		For Up To 25, Add	*5.26*	
		For >25 To 50, Add	*3.74*	
05 12 23 00-0150	LF	5/16" Horizontal Or Flat Fillet Weld	20.51	
		For Aluminum Welding, Add	*3.64*	
		For Stainless Steel Welding, Add	*5.83*	
		For Up To 25, Add	*6.94*	
		For >25 To 50, Add	*4.94*	
05 12 23 00-0151	LF	3/8" Horizontal Or Flat Fillet Weld	25.91	
		For Aluminum Welding, Add	*4.58*	
		For Stainless Steel Welding, Add	*7.34*	
		For Up To 25, Add	*8.78*	
		For >25 To 50, Add	*6.25*	
05 12 23 00-0152	LF	7/16" Horizontal Or Flat Fillet Weld	30.23	
		For Aluminum Welding, Add	*5.09*	
		For Stainless Steel Welding, Add	*8.25*	
		For Up To 25, Add	*10.35*	
		For >25 To 50, Add	*7.37*	
05 12 23 00-0153	LF	1/2" Horizontal Or Flat Fillet Weld	35.37	
		For Aluminum Welding, Add	*6.27*	
		For Stainless Steel Welding, Add	*10.05*	
		For Up To 25, Add	*11.98*	
		For >25 To 50, Add	*8.52*	
05 12 23 00-0154	LF	9/16" Horizontal Or Flat Fillet Weld	41.54	
		For Aluminum Welding, Add	*7.11*	
		For Stainless Steel Welding, Add	*11.49*	
		For Up To 25, Add	*14.17*	
		For >25 To 50, Add	*10.09*	
05 12 23 00-0155	LF	5/8" Horizontal Or Flat Fillet Weld	48.27	
		For Aluminum Welding, Add	*8.38*	
		For Stainless Steel Welding, Add	*13.49*	
		For Up To 25, Add	*16.42*	
		For >25 To 50, Add	*11.69*	
05 12 23 00-0156	LF	3/4" Horizontal Or Flat Fillet Weld	64.79	
		For Aluminum Welding, Add	*11.48*	
		For Stainless Steel Welding, Add	*18.40*	
		For Up To 25, Add	*21.94*	
		For >25 To 50, Add	*15.61*	
05 12 23 00-0157	LF	7/8" Horizontal Or Flat Fillet Weld	95.64	
		For Aluminum Welding, Add	*16.09*	
		For Stainless Steel Welding, Add	*26.09*	
		For Up To 25, Add	*32.75*	
		For >25 To 50, Add	*23.33*	
05 12 23 00-0158	LF	1" Horizontal Or Flat Fillet Weld	128.82	
		For Aluminum Welding, Add	*22.61*	
		For Stainless Steel Welding, Add	*36.32*	
		For Up To 25, Add	*43.72*	
		For >25 To 50, Add	*31.11*	

05 12 23 00-0159 Cold Galvanizing *(05 12 23 00-0114)*

05 12 23 00-0160	SF	Brush Applied Cold Galvanizing	1.64	

05 12 23 00-0161 Metal Grinding *(05 12 23 00-0114)*

Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.

05 12 23 00-0162	SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface.	0.87	

05 12 23 00-0163 Structural Steel For Buildings And Structures *(05 12 23)*

05 12 23 00-0164 First Tier A992/A36 Structural Steel Columns, W Shapes *(05 12 23 00-0163)*

Note: With base plate. Includes material delivery and erection.

05 12 23 00-0165	LF	W14 x 730 A992/A36 Structural Column	1,110.74	62.85
		For High Strength Low Alloy A572-50 Steel, Add	*99.97*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*222.15*	
05 12 23 00-0166	LF	W14 x 665 A992/A36 Structural Column	1,013.25	58.58
		For High Strength Low Alloy A572-50 Steel, Add	*91.19*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*202.65*	
05 12 23 00-0167	LF	W14 x 605 A992/A36 Structural Column	923.15	54.53
		For High Strength Low Alloy A572-50 Steel, Add	*83.08*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*184.63*	
05 12 23 00-0168	LF	W14 x 550 A992/A36 Structural Column	840.45	50.72
		For High Strength Low Alloy A572-50 Steel, Add	*75.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*168.09*	
05 12 23 00-0169	LF	W14 x 500 A992/A36 Structural Column	770.91	52.49
		For High Strength Low Alloy A572-50 Steel, Add	*69.38*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*154.18*	
05 12 23 00-0170	LF	W14 x 426 A992/A36 Structural Column	657.93	45.83
		For High Strength Low Alloy A572-50 Steel, Add	*59.21*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*131.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0171	LF	W14 x 342 A992/A36 Structural Column	532.47	39.67
		For High Strength Low Alloy A572-50 Steel, Add	*47.92*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*106.49*	
05 12 23 00-0172	LF	W14 x 311 A992/A36 Structural Column	479.82	37.05
		For High Strength Low Alloy A572-50 Steel, Add	*43.18*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*95.96*	
05 12 23 00-0173	LF	W14 x 283 A992/A36 Structural Column	435.74	34.93
		For High Strength Low Alloy A572-50 Steel, Add	*39.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*87.15*	
05 12 23 00-0174	LF	W14 x 257 A992/A36 Structural Column	383.43	33.11
		For High Strength Low Alloy A572-50 Steel, Add	*34.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*76.69*	
05 12 23 00-0175	LF	W14 x 233 A992/A36 Structural Column	352.91	30.79
		For High Strength Low Alloy A572-50 Steel, Add	*31.76*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*70.58*	
05 12 23 00-0176	LF	W14 x 211 A992/A36 Structural Column	314.14	28.67
		For High Strength Low Alloy A572-50 Steel, Add	*28.27*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*62.83*	
05 12 23 00-0177	LF	W14 x 193 A992/A36 Structural Column	284.35	27.25
		For High Strength Low Alloy A572-50 Steel, Add	*25.59*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*56.87*	
05 12 23 00-0178	LF	W14 x 176 A992/A36 Structural Column	256.54	26.05
		For High Strength Low Alloy A572-50 Steel, Add	*23.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*51.31*	
05 12 23 00-0179	LF	W14 x 159 A992/A36 Structural Column	232.23	25.14
		For High Strength Low Alloy A572-50 Steel, Add	*20.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*46.45*	
05 12 23 00-0180	LF	W14 x 145 A992/A36 Structural Column	224.44	24.33
		For High Strength Low Alloy A572-50 Steel, Add	*20.20*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*44.89*	
05 12 23 00-0181	LF	W14 x 132 A992/A36 Structural Column	192.36	23.21
		For High Strength Low Alloy A572-50 Steel, Add	*17.31*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*38.47*	
05 12 23 00-0182	LF	W14 x 120 A992/A36 Structural Column	180.50	22.61
		For High Strength Low Alloy A572-50 Steel, Add	*16.25*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*36.10*	
05 12 23 00-0183	LF	W14 x 109 A992/A36 Structural Column	161.88	21.70
		For High Strength Low Alloy A572-50 Steel, Add	*14.57*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.38*	
05 12 23 00-0184	LF	W14 x 99 A992/A36 Structural Column	147.92	21.10
		For High Strength Low Alloy A572-50 Steel, Add	*13.31*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.58*	
05 12 23 00-0185	LF	W14 x 90 A992/A36 Structural Column	137.59	20.59
		For High Strength Low Alloy A572-50 Steel, Add	*12.38*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.52*	
05 12 23 00-0186	LF	W14 x 82 A992/A36 Structural Column	126.94	19.99
		For High Strength Low Alloy A572-50 Steel, Add	*11.42*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.39*	
05 12 23 00-0187	LF	W14 x 74 A992/A36 Structural Column	114.86	19.48
		For High Strength Low Alloy A572-50 Steel, Add	*10.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.97*	
05 12 23 00-0188	LF	W14 x 68 A992/A36 Structural Column	107.45	19.18
		For High Strength Low Alloy A572-50 Steel, Add	*9.67*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.49*	
05 12 23 00-0189	LF	W14 x 61 A992/A36 Structural Column	98.19	18.68
		For High Strength Low Alloy A572-50 Steel, Add	*8.84*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.64*	
05 12 23 00-0190	LF	W14 x 53 A992/A36 Structural Column	89.66	18.17
		For High Strength Low Alloy A572-50 Steel, Add	*8.07*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.93*	
05 12 23 00-0191	LF	W14 x 48 A992/A36 Structural Column	84.14	17.86
		For High Strength Low Alloy A572-50 Steel, Add	*7.57*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.83*	
05 12 23 00-0192	LF	W14 x 43 A992/A36 Structural Column	76.17	17.57
		For High Strength Low Alloy A572-50 Steel, Add	*6.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.23*	
05 12 23 00-0193	LF	W12 x 336 A992/A36 Structural Column	506.38	27.99
		For High Strength Low Alloy A572-50 Steel, Add	*45.57*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*101.28*	
05 12 23 00-0194	LF	W12 x 305 A992/A36 Structural Column	461.82	27.44
		For High Strength Low Alloy A572-50 Steel, Add	*41.56*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*92.36*	
05 12 23 00-0195	LF	W12 x 279 A992/A36 Structural Column	424.59	27.11
		For High Strength Low Alloy A572-50 Steel, Add	*38.21*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*84.92*	
05 12 23 00-0196	LF	W12 x 252 A992/A36 Structural Column	385.57	26.43
		For High Strength Low Alloy A572-50 Steel, Add	*34.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*77.11*	
05 12 23 00-0197	LF	W12 x 230 A992/A36 Structural Column	353.96	26.04
		For High Strength Low Alloy A572-50 Steel, Add	*31.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*70.79*	
05 12 23 00-0198	LF	W12 x 210 A992/A36 Structural Column	325.22	25.68
		For High Strength Low Alloy A572-50 Steel, Add	*29.27*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*65.04*	
05 12 23 00-0199	LF	W12 x 190 A992/A36 Structural Column	299.25	27.86
		For High Strength Low Alloy A572-50 Steel, Add	*26.93*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*59.85*	
05 12 23 00-0200	LF	W12 x 170 A992/A36 Structural Column	270.72	27.05
		For High Strength Low Alloy A572-50 Steel, Add	*24.36*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*54.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0201	LF	W12 x 152 A992/A36 Structural Column	244.18	25.14
		For High Strength Low Alloy A572-50 Steel, Add	*21.98*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*48.84*	
05 12 23 00-0202	LF	W12 x 136 A992/A36 Structural Column	232.23	24.43
		For High Strength Low Alloy A572-50 Steel, Add	*20.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*46.45*	
05 12 23 00-0203	LF	W12 x 120 A992/A36 Structural Column	176.51	22.41
		For High Strength Low Alloy A572-50 Steel, Add	*15.89*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.30*	
05 12 23 00-0204	LF	W12 x 106 A992/A36 Structural Column	162.82	21.70
		For High Strength Low Alloy A572-50 Steel, Add	*14.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.56*	
05 12 23 00-0205	LF	W12 x 96 A992/A36 Structural Column	145.94	20.99
		For High Strength Low Alloy A572-50 Steel, Add	*13.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.19*	
05 12 23 00-0206	LF	W12 x 87 A992/A36 Structural Column	134.79	20.30
		For High Strength Low Alloy A572-50 Steel, Add	*12.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.96*	
05 12 23 00-0207	LF	W12 x 79 A992/A36 Structural Column	118.58	19.68
		For High Strength Low Alloy A572-50 Steel, Add	*10.67*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.72*	
05 12 23 00-0208	LF	W12 x 72 A992/A36 Structural Column	108.75	19.18
		For High Strength Low Alloy A572-50 Steel, Add	*9.79*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.75*	
05 12 23 00-0209	LF	W12 x 65 A992/A36 Structural Column	99.60	18.77
		For High Strength Low Alloy A572-50 Steel, Add	*8.96*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.92*	
05 12 23 00-0210	LF	W12 x 58 A992/A36 Structural Column	96.44	18.57
		For High Strength Low Alloy A572-50 Steel, Add	*8.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.29*	
05 12 23 00-0211	LF	W12 x 53 A992/A36 Structural Column	89.66	18.17
		For High Strength Low Alloy A572-50 Steel, Add	*8.07*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.93*	
05 12 23 00-0212	LF	W12 x 50 A992/A36 Structural Column	86.94	18.07
		For High Strength Low Alloy A572-50 Steel, Add	*7.82*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.39*	
05 12 23 00-0213	LF	W12 x 45 A992/A36 Structural Column	79.21	17.66
		For High Strength Low Alloy A572-50 Steel, Add	*7.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.84*	
05 12 23 00-0214	LF	W12 x 40 A992/A36 Structural Column	71.24	17.26
		For High Strength Low Alloy A572-50 Steel, Add	*6.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.25*	
05 12 23 00-0215	LF	W10 x 112 A992/A36 Structural Column	170.20	22.10
		For High Strength Low Alloy A572-50 Steel, Add	*15.32*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.04*	
05 12 23 00-0216	LF	W10 x 110 A992/A36 Structural Column	154.15	21.19
		For High Strength Low Alloy A572-50 Steel, Add	*13.87*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*30.83*	
05 12 23 00-0217	LF	W10 x 88 A992/A36 Structural Column	138.80	20.50
		For High Strength Low Alloy A572-50 Steel, Add	*12.49*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.76*	
05 12 23 00-0218	LF	W10 x 77 A992/A36 Structural Column	123.67	19.68
		For High Strength Low Alloy A572-50 Steel, Add	*11.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.73*	
05 12 23 00-0219	LF	W10 x 68 A992/A36 Structural Column	111.59	19.18
		For High Strength Low Alloy A572-50 Steel, Add	*10.04*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.32*	
05 12 23 00-0220	LF	W10 x 60 A992/A36 Structural Column	98.19	18.68
		For High Strength Low Alloy A572-50 Steel, Add	*8.84*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.64*	
05 12 23 00-0221	LF	W10 x 54 A992/A36 Structural Column	97.52	18.37
		For High Strength Low Alloy A572-50 Steel, Add	*8.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.50*	
05 12 23 00-0222	LF	W10 x 49 A992/A36 Structural Column	85.90	18.07
		For High Strength Low Alloy A572-50 Steel, Add	*7.73*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.18*	
05 12 23 00-0223	LF	W10 x 45 A992/A36 Structural Column	82.98	17.77
		For High Strength Low Alloy A572-50 Steel, Add	*7.47*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.60*	
05 12 23 00-0224	LF	W10 x 39 A992/A36 Structural Column	72.51	17.46
		For High Strength Low Alloy A572-50 Steel, Add	*6.53*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.50*	
05 12 23 00-0225	LF	W10 x 33 A992/A36 Structural Column	63.49	16.96
		For High Strength Low Alloy A572-50 Steel, Add	*5.71*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.70*	
05 12 23 00-0226	LF	W8 x 67 A992/A36 Structural Column	107.57	19.18
		For High Strength Low Alloy A572-50 Steel, Add	*9.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.51*	
05 12 23 00-0227	LF	W8 x 58 A992/A36 Structural Column	96.80	18.57
		For High Strength Low Alloy A572-50 Steel, Add	*8.71*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.36*	
05 12 23 00-0228	LF	W8 x 48 A992/A36 Structural Column	86.84	18.07
		For High Strength Low Alloy A572-50 Steel, Add	*7.82*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.37*	
05 12 23 00-0229	LF	W8 x 40 A992/A36 Structural Column	74.87	17.57
		For High Strength Low Alloy A572-50 Steel, Add	*6.74*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.97*	
05 12 23 00-0230	LF	W8 x 35 A992/A36 Structural Column	67.84	17.16
		For High Strength Low Alloy A572-50 Steel, Add	*6.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0231	LF	W8 x 31 A992/A36 Structural Column	62.19	16.96
		For High Strength Low Alloy A572-50 Steel, Add	*5.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.44*	
05 12 23 00-0232	LF	W8 x 28 A992/A36 Structural Column	58.68	16.75
		For High Strength Low Alloy A572-50 Steel, Add	*5.28*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.74*	
05 12 23 00-0233	LF	W8 x 24 A992/A36 Structural Column	54.45	16.55
		For High Strength Low Alloy A572-50 Steel, Add	*4.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.89*	
05 12 23 00-0234	LF	W8 x 21 A992/A36 Structural Column	51.65	16.46
		For High Strength Low Alloy A572-50 Steel, Add	*4.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.33*	
05 12 23 00-0235	LF	W8 x 18 A992/A36 Structural Column	46.36	16.15
		For High Strength Low Alloy A572-50 Steel, Add	*4.17*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.27*	
05 12 23 00-0236	LF	W6 x 25 A992/A36 Structural Column	57.05	16.55
		For High Strength Low Alloy A572-50 Steel, Add	*5.13*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.41*	
05 12 23 00-0237	LF	W6 x 20 A992/A36 Structural Column	48.60	16.26
		For High Strength Low Alloy A572-50 Steel, Add	*4.37*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.72*	
05 12 23 00-0238	LF	W6 x 15 A992/A36 Structural Column	41.94	15.75
		For High Strength Low Alloy A572-50 Steel, Add	*3.77*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.39*	
05 12 23 00-0239	LF	W6 x 12 A992/A36 Structural Column	39.45	15.75
		For High Strength Low Alloy A572-50 Steel, Add	*3.55*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.89*	
05 12 23 00-0240	LF	W6 x 9 A992/A36 Structural Column	36.28	15.64
		For High Strength Low Alloy A572-50 Steel, Add	*3.27*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.26*	
05 12 23 00-0241	LF	W5 x 19 A992/A36 Structural Column	47.89	16.26
		For High Strength Low Alloy A572-50 Steel, Add	*4.31*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.58*	
05 12 23 00-0242	LF	W5 x 16 A992/A36 Structural Column	44.26	16.15
		For High Strength Low Alloy A572-50 Steel, Add	*3.98*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.85*	
05 12 23 00-0243	LF	W4 x 13 A992/A36 Structural Column	41.56	15.95
		For High Strength Low Alloy A572-50 Steel, Add	*3.74*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.31*	

05 12 23 00-0244 A992/A36 Structural Steel Beams And Girders, W Shapes *(05 12 23 00-0163)*

Note: Includes material delivery and erection.

05 12 23 00-0245	LF	W36 x 300 A992/A36 Structural Beam Or Girder	377.22	68.83
		For High Strength Low Alloy A572-50 Steel, Add	*33.95*	
		For High Strength Low Alloy A588 Steel, Add	*75.44*	
		For Each Additional Top Copes >2, Add	*3.04*	
		For Structural Tees, WT, MT Or ST, Deduct	*-121.01*	
		For Skewed Or Sloped Connections, Add	*45.27*	
05 12 23 00-0246	LF	W36 x 280 A992/A36 Structural Beam Or Girder	364.31	75.71
		For High Strength Low Alloy A572-50 Steel, Add	*32.79*	
		For High Strength Low Alloy A588 Steel, Add	*72.86*	
		For Each Additional Top Copes >2, Add	*2.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-115.39*	
		For Skewed Or Sloped Connections, Add	*43.72*	
05 12 23 00-0247	LF	W36 x 260 A992/A36 Structural Beam Or Girder	345.66	74.80
		For High Strength Low Alloy A572-50 Steel, Add	*31.11*	
		For High Strength Low Alloy A588 Steel, Add	*69.13*	
		For Each Additional Top Copes >2, Add	*2.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-109.02*	
		For Skewed Or Sloped Connections, Add	*41.48*	
05 12 23 00-0248	LF	W36 x 240 A992/A36 Structural Beam Or Girder	323.30	66.34
		For High Strength Low Alloy A572-50 Steel, Add	*29.10*	
		For High Strength Low Alloy A588 Steel, Add	*64.66*	
		For Each Additional Top Copes >2, Add	*2.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-102.54*	
		For Skewed Or Sloped Connections, Add	*38.80*	
05 12 23 00-0249	LF	W36 x 230 A992/A36 Structural Beam Or Girder	313.78	67.28
		For High Strength Low Alloy A572-50 Steel, Add	*28.24*	
		For High Strength Low Alloy A588 Steel, Add	*62.76*	
		For Each Additional Top Copes >2, Add	*2.42*	
		For Structural Tees, WT, MT Or ST, Deduct	*-99.06*	
		For Skewed Or Sloped Connections, Add	*37.65*	
05 12 23 00-0250	LF	W36 x 210 A992/A36 Structural Beam Or Girder	298.20	72.38
		For High Strength Low Alloy A572-50 Steel, Add	*26.84*	
		For High Strength Low Alloy A588 Steel, Add	*59.64*	
		For Each Additional Top Copes >2, Add	*2.21*	
		For Structural Tees, WT, MT Or ST, Deduct	*-92.79*	
		For Skewed Or Sloped Connections, Add	*35.78*	
05 12 23 00-0251	LF	W36 x 194 A992/A36 Structural Beam Or Girder	282.05	64.35
		For High Strength Low Alloy A572-50 Steel, Add	*25.38*	
		For High Strength Low Alloy A588 Steel, Add	*56.41*	
		For Each Additional Top Copes >2, Add	*2.13*	
		For Structural Tees, WT, MT Or ST, Deduct	*-88.42*	
		For Skewed Or Sloped Connections, Add	*33.85*	
05 12 23 00-0252	LF	W36 x 182 A992/A36 Structural Beam Or Girder	268.36	63.87
		For High Strength Low Alloy A572-50 Steel, Add	*24.15*	
		For High Strength Low Alloy A588 Steel, Add	*53.67*	
		For Each Additional Top Copes >2, Add	*2.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-83.71*	
		For Skewed Or Sloped Connections, Add	*32.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0253	LF	W36 x 170 A992/A36 Structural Beam Or Girder	254.36	63.14
		For High Strength Low Alloy A572-50 Steel, Add	*22.89*	
		For High Strength Low Alloy A588 Steel, Add	*50.87*	
		For Each Additional Top Copes >2, Add	*1.87*	
		For Structural Tees, WT, MT Or ST, Deduct	*-78.93*	
		For Skewed Or Sloped Connections, Add	*30.52*	
05 12 23 00-0254	LF	W36 x 160 A992/A36 Structural Beam Or Girder	250.72	70.06
		For High Strength Low Alloy A572-50 Steel, Add	*22.56*	
		For High Strength Low Alloy A588 Steel, Add	*50.14*	
		For Each Additional Top Copes >2, Add	*1.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-76.55*	
		For Skewed Or Sloped Connections, Add	*30.09*	
05 12 23 00-0255	LF	W36 x 150 A992/A36 Structural Beam Or Girder	240.99	69.56
		For High Strength Low Alloy A572-50 Steel, Add	*21.69*	
		For High Strength Low Alloy A588 Steel, Add	*48.20*	
		For Each Additional Top Copes >2, Add	*1.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-73.22*	
		For Skewed Or Sloped Connections, Add	*28.92*	
05 12 23 00-0256	LF	W36 x 135 A992/A36 Structural Beam Or Girder	227.39	68.95
		For High Strength Low Alloy A572-50 Steel, Add	*20.47*	
		For High Strength Low Alloy A588 Steel, Add	*45.48*	
		For Each Additional Top Copes >2, Add	*1.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-68.56*	
		For Skewed Or Sloped Connections, Add	*27.29*	
05 12 23 00-0257	LF	W33 x 241 A992/A36 Structural Beam Or Girder	327.72	68.43
		For High Strength Low Alloy A572-50 Steel, Add	*29.49*	
		For High Strength Low Alloy A588 Steel, Add	*65.54*	
		For Each Additional Top Copes >2, Add	*2.55*	
		For Structural Tees, WT, MT Or ST, Deduct	*-103.75*	
		For Skewed Or Sloped Connections, Add	*39.33*	
05 12 23 00-0258	LF	W33 x 221 A992/A36 Structural Beam Or Girder	304.79	66.75
		For High Strength Low Alloy A572-50 Steel, Add	*27.43*	
		For High Strength Low Alloy A588 Steel, Add	*60.96*	
		For Each Additional Top Copes >2, Add	*2.34*	
		For Structural Tees, WT, MT Or ST, Deduct	*-96.00*	
		For Skewed Or Sloped Connections, Add	*36.57*	
05 12 23 00-0259	LF	W33 x 201 A992/A36 Structural Beam Or Girder	289.17	71.88
		For High Strength Low Alloy A572-50 Steel, Add	*26.03*	
		For High Strength Low Alloy A588 Steel, Add	*57.83*	
		For Each Additional Top Copes >2, Add	*2.12*	
		For Structural Tees, WT, MT Or ST, Deduct	*-89.70*	
		For Skewed Or Sloped Connections, Add	*34.70*	
05 12 23 00-0260	LF	W33 x 170 A992/A36 Structural Beam Or Girder	261.17	70.56
		For High Strength Low Alloy A572-50 Steel, Add	*23.51*	
		For High Strength Low Alloy A588 Steel, Add	*52.23*	
		For Each Additional Top Copes >2, Add	*1.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-80.13*	
		For Skewed Or Sloped Connections, Add	*31.34*	
05 12 23 00-0261	LF	W33 x 152 A992/A36 Structural Beam Or Girder	239.04	62.95
		For High Strength Low Alloy A572-50 Steel, Add	*21.51*	
		For High Strength Low Alloy A588 Steel, Add	*47.81*	
		For Each Additional Top Copes >2, Add	*1.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-73.59*	
		For Skewed Or Sloped Connections, Add	*28.68*	
05 12 23 00-0262	LF	W33 x 141 A992/A36 Structural Beam Or Girder	233.25	69.15
		For High Strength Low Alloy A572-50 Steel, Add	*20.99*	
		For High Strength Low Alloy A588 Steel, Add	*46.65*	
		For Each Additional Top Copes >2, Add	*1.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-70.57*	
		For Skewed Or Sloped Connections, Add	*27.99*	
05 12 23 00-0263	LF	W33 x 130 A992/A36 Structural Beam Or Girder	222.24	68.65
		For High Strength Low Alloy A572-50 Steel, Add	*20.00*	
		For High Strength Low Alloy A588 Steel, Add	*44.45*	
		For Each Additional Top Copes >2, Add	*1.49*	
		For Structural Tees, WT, MT Or ST, Deduct	*-66.81*	
		For Skewed Or Sloped Connections, Add	*26.67*	
05 12 23 00-0264	LF	W33 x 118 A992/A36 Structural Beam Or Girder	209.45	68.04
		For High Strength Low Alloy A572-50 Steel, Add	*18.85*	
		For High Strength Low Alloy A588 Steel, Add	*41.89*	
		For Each Additional Top Copes >2, Add	*1.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-62.42*	
		For Skewed Or Sloped Connections, Add	*25.13*	
05 12 23 00-0265	LF	W30 x 211 A992/A36 Structural Beam Or Girder	292.96	66.62
		For High Strength Low Alloy A572-50 Steel, Add	*26.37*	
		For High Strength Low Alloy A588 Steel, Add	*58.59*	
		For Each Additional Top Copes >2, Add	*2.22*	
		For Structural Tees, WT, MT Or ST, Deduct	*-91.88*	
		For Skewed Or Sloped Connections, Add	*35.16*	
05 12 23 00-0266	LF	W30 x 191 A992/A36 Structural Beam Or Girder	277.08	71.37
		For High Strength Low Alloy A572-50 Steel, Add	*24.94*	
		For High Strength Low Alloy A588 Steel, Add	*55.42*	
		For Each Additional Top Copes >2, Add	*2.01*	
		For Structural Tees, WT, MT Or ST, Deduct	*-85.55*	
		For Skewed Or Sloped Connections, Add	*33.25*	
05 12 23 00-0267	LF	W30 x 173 A992/A36 Structural Beam Or Girder	255.32	63.58
		For High Strength Low Alloy A572-50 Steel, Add	*22.98*	
		For High Strength Low Alloy A588 Steel, Add	*51.06*	
		For Each Additional Top Copes >2, Add	*1.88*	
		For Structural Tees, WT, MT Or ST, Deduct	*-79.19*	
		For Skewed Or Sloped Connections, Add	*30.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0268	LF	W30 x 154 A992/A36 Structural Beam Or Girder	241.21	69.65
		For High Strength Low Alloy A572-50 Steel, Add	*21.71*	
		For High Strength Low Alloy A588 Steel, Add	*48.24*	
		For Each Additional Top Copes >2, Add	*1.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-73.28*	
		For Skewed Or Sloped Connections, Add	*28.95*	
05 12 23 00-0269	LF	W30 x 132 A992/A36 Structural Beam Or Girder	216.73	61.35
		For High Strength Low Alloy A572-50 Steel, Add	*19.51*	
		For High Strength Low Alloy A588 Steel, Add	*43.35*	
		For Each Additional Top Copes >2, Add	*1.51*	
		For Structural Tees, WT, MT Or ST, Deduct	*-66.04*	
		For Skewed Or Sloped Connections, Add	*26.01*	
05 12 23 00-0270	LF	W30 x 124 A992/A36 Structural Beam Or Girder	207.53	61.31
		For High Strength Low Alloy A572-50 Steel, Add	*18.68*	
		For High Strength Low Alloy A588 Steel, Add	*41.51*	
		For Each Additional Top Copes >2, Add	*1.42*	
		For Structural Tees, WT, MT Or ST, Deduct	*-62.83*	
		For Skewed Or Sloped Connections, Add	*24.90*	
05 12 23 00-0271	LF	W30 x 116 A992/A36 Structural Beam Or Girder	205.44	67.94
		For High Strength Low Alloy A572-50 Steel, Add	*18.49*	
		For High Strength Low Alloy A588 Steel, Add	*41.09*	
		For Each Additional Top Copes >2, Add	*1.33*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.03*	
		For Skewed Or Sloped Connections, Add	*24.65*	
05 12 23 00-0272	LF	W30 x 108 A992/A36 Structural Beam Or Girder	189.65	61.17
		For High Strength Low Alloy A572-50 Steel, Add	*17.07*	
		For High Strength Low Alloy A588 Steel, Add	*37.93*	
		For Each Additional Top Copes >2, Add	*1.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-56.60*	
		For Skewed Or Sloped Connections, Add	*22.76*	
05 12 23 00-0273	LF	W30 x 99 A992/A36 Structural Beam Or Girder	181.80	60.88
		For High Strength Low Alloy A572-50 Steel, Add	*16.36*	
		For High Strength Low Alloy A588 Steel, Add	*36.36*	
		For Each Additional Top Copes >2, Add	*1.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-53.91*	
		For Skewed Or Sloped Connections, Add	*21.82*	
05 12 23 00-0274	LF	W27 x 178 A992/A36 Structural Beam Or Girder	284.81	74.45
		For High Strength Low Alloy A572-50 Steel, Add	*25.63*	
		For High Strength Low Alloy A588 Steel, Add	*56.96*	
		For Each Additional Top Copes >2, Add	*2.05*	
		For Structural Tees, WT, MT Or ST, Deduct	*-87.77*	
		For Skewed Or Sloped Connections, Add	*34.18*	
05 12 23 00-0275	LF	W27 x 161 A992/A36 Structural Beam Or Girder	262.19	71.63
		For High Strength Low Alloy A572-50 Steel, Add	*23.60*	
		For High Strength Low Alloy A588 Steel, Add	*52.44*	
		For Each Additional Top Copes >2, Add	*1.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-80.31*	
		For Skewed Or Sloped Connections, Add	*31.46*	
05 12 23 00-0276	LF	W27 x 146 A992/A36 Structural Beam Or Girder	242.18	69.10
		For High Strength Low Alloy A572-50 Steel, Add	*21.80*	
		For High Strength Low Alloy A588 Steel, Add	*48.44*	
		For Each Additional Top Copes >2, Add	*1.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-73.71*	
		For Skewed Or Sloped Connections, Add	*29.06*	
05 12 23 00-0277	LF	W27 x 114 A992/A36 Structural Beam Or Girder	192.78	57.40
		For High Strength Low Alloy A572-50 Steel, Add	*17.35*	
		For High Strength Low Alloy A588 Steel, Add	*38.56*	
		For Each Additional Top Copes >2, Add	*1.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-58.29*	
		For Skewed Or Sloped Connections, Add	*23.13*	
05 12 23 00-0278	LF	W27 x 102 A992/A36 Structural Beam Or Girder	182.61	60.88
		For High Strength Low Alloy A572-50 Steel, Add	*16.43*	
		For High Strength Low Alloy A588 Steel, Add	*36.52*	
		For Each Additional Top Copes >2, Add	*1.18*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.18*	
		For Skewed Or Sloped Connections, Add	*21.91*	
05 12 23 00-0279	LF	W27 x 94 A992/A36 Structural Beam Or Girder	175.22	60.47
		For High Strength Low Alloy A572-50 Steel, Add	*15.77*	
		For High Strength Low Alloy A588 Steel, Add	*35.04*	
		For Each Additional Top Copes >2, Add	*1.11*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.65*	
		For Skewed Or Sloped Connections, Add	*21.03*	
05 12 23 00-0280	LF	W27 x 84 A992/A36 Structural Beam Or Girder	166.22	60.06
		For High Strength Low Alloy A572-50 Steel, Add	*14.96*	
		For High Strength Low Alloy A588 Steel, Add	*33.24*	
		For Each Additional Top Copes >2, Add	*1.02*	
		For Structural Tees, WT, MT Or ST, Deduct	*-48.58*	
		For Skewed Or Sloped Connections, Add	*19.95*	
05 12 23 00-0281	LF	W24 x 162 A992/A36 Structural Beam Or Girder	252.46	68.68
		For High Strength Low Alloy A572-50 Steel, Add	*22.72*	
		For High Strength Low Alloy A588 Steel, Add	*50.49*	
		For Each Additional Top Copes >2, Add	*1.79*	
		For Structural Tees, WT, MT Or ST, Deduct	*-77.37*	
		For Skewed Or Sloped Connections, Add	*30.30*	
05 12 23 00-0282	LF	W24 x 146 A992/A36 Structural Beam Or Girder	231.74	65.84
		For High Strength Low Alloy A572-50 Steel, Add	*20.86*	
		For High Strength Low Alloy A588 Steel, Add	*46.35*	
		For Each Additional Top Copes >2, Add	*1.62*	
		For Structural Tees, WT, MT Or ST, Deduct	*-70.57*	
		For Skewed Or Sloped Connections, Add	*27.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0283	LF	W24 x 131 A992/A36 Structural Beam Or Girder	211.95	62.85
		For High Strength Low Alloy A572-50 Steel, Add	*19.08*	
		For High Strength Low Alloy A588 Steel, Add	*42.39*	
		For Each Additional Top Copes >2, Add	*1.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-64.13*	
		For Skewed Or Sloped Connections, Add	*25.43*	
05 12 23 00-0284	LF	W24 x 117 A992/A36 Structural Beam Or Girder	193.11	59.72
		For High Strength Low Alloy A572-50 Steel, Add	*17.38*	
		For High Strength Low Alloy A588 Steel, Add	*38.62*	
		For Each Additional Top Copes >2, Add	*1.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-58.04*	
		For Skewed Or Sloped Connections, Add	*23.17*	
05 12 23 00-0285	LF	W24 x 104 A992/A36 Structural Beam Or Girder	175.27	56.47
		For High Strength Low Alloy A572-50 Steel, Add	*15.77*	
		For High Strength Low Alloy A588 Steel, Add	*35.05*	
		For Each Additional Top Copes >2, Add	*1.15*	
		For Structural Tees, WT, MT Or ST, Deduct	*-52.31*	
		For Skewed Or Sloped Connections, Add	*21.03*	
05 12 23 00-0286	LF	W24 x 94 A992/A36 Structural Beam Or Girder	168.48	60.47
		For High Strength Low Alloy A572-50 Steel, Add	*15.16*	
		For High Strength Low Alloy A588 Steel, Add	*33.70*	
		For Each Additional Top Copes >2, Add	*1.04*	
		For Structural Tees, WT, MT Or ST, Deduct	*-49.29*	
		For Skewed Or Sloped Connections, Add	*20.22*	
05 12 23 00-0287	LF	W24 x 84 A992/A36 Structural Beam Or Girder	153.29	53.60
		For High Strength Low Alloy A572-50 Steel, Add	*13.80*	
		For High Strength Low Alloy A588 Steel, Add	*30.66*	
		For Each Additional Top Copes >2, Add	*0.96*	
		For Structural Tees, WT, MT Or ST, Deduct	*-45.07*	
		For Skewed Or Sloped Connections, Add	*18.39*	
05 12 23 00-0288	LF	W24 x 76 A992/A36 Structural Beam Or Girder	146.39	53.20
		For High Strength Low Alloy A572-50 Steel, Add	*13.18*	
		For High Strength Low Alloy A588 Steel, Add	*29.28*	
		For Each Additional Top Copes >2, Add	*0.90*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.71*	
		For Skewed Or Sloped Connections, Add	*17.57*	
05 12 23 00-0289	LF	W24 x 68 A992/A36 Structural Beam Or Girder	137.70	52.90
		For High Strength Low Alloy A572-50 Steel, Add	*12.39*	
		For High Strength Low Alloy A588 Steel, Add	*27.54*	
		For Each Additional Top Copes >2, Add	*0.81*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.73*	
		For Skewed Or Sloped Connections, Add	*16.52*	
05 12 23 00-0290	LF	W24 x 62 A992/A36 Structural Beam Or Girder	133.14	52.60
		For High Strength Low Alloy A572-50 Steel, Add	*11.98*	
		For High Strength Low Alloy A588 Steel, Add	*26.63*	
		For Each Additional Top Copes >2, Add	*0.77*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.18*	
		For Skewed Or Sloped Connections, Add	*15.98*	
05 12 23 00-0291	LF	W24 x 55 A992/A36 Structural Beam Or Girder	126.91	52.39
		For High Strength Low Alloy A572-50 Steel, Add	*11.42*	
		For High Strength Low Alloy A588 Steel, Add	*25.38*	
		For Each Additional Top Copes >2, Add	*0.71*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.05*	
		For Skewed Or Sloped Connections, Add	*15.23*	
05 12 23 00-0292	LF	W21 x 147 A992/A36 Structural Beam Or Girder	219.93	56.48
		For High Strength Low Alloy A572-50 Steel, Add	*19.79*	
		For High Strength Low Alloy A588 Steel, Add	*43.99*	
		For Each Additional Top Copes >2, Add	*1.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-67.94*	
		For Skewed Or Sloped Connections, Add	*26.39*	
05 12 23 00-0293	LF	W21 x 132 A992/A36 Structural Beam Or Girder	200.94	53.96
		For High Strength Low Alloy A572-50 Steel, Add	*18.08*	
		For High Strength Low Alloy A588 Steel, Add	*40.19*	
		For Each Additional Top Copes >2, Add	*1.43*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.70*	
		For Skewed Or Sloped Connections, Add	*24.11*	
05 12 23 00-0294	LF	W21 x 122 A992/A36 Structural Beam Or Girder	189.11	53.06
		For High Strength Low Alloy A572-50 Steel, Add	*17.02*	
		For High Strength Low Alloy A588 Steel, Add	*37.82*	
		For Each Additional Top Copes >2, Add	*1.33*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.70*	
		For Skewed Or Sloped Connections, Add	*22.69*	
05 12 23 00-0295	LF	W21 x 111 A992/A36 Structural Beam Or Girder	175.35	51.35
		For High Strength Low Alloy A572-50 Steel, Add	*15.78*	
		For High Strength Low Alloy A588 Steel, Add	*35.07*	
		For Each Additional Top Copes >2, Add	*1.21*	
		For Structural Tees, WT, MT Or ST, Deduct	*-53.16*	
		For Skewed Or Sloped Connections, Add	*21.04*	
05 12 23 00-0296	LF	W21 x 101 A992/A36 Structural Beam Or Girder	162.73	49.71
		For High Strength Low Alloy A572-50 Steel, Add	*14.65*	
		For High Strength Low Alloy A588 Steel, Add	*32.55*	
		For Each Additional Top Copes >2, Add	*1.10*	
		For Structural Tees, WT, MT Or ST, Deduct	*-49.00*	
		For Skewed Or Sloped Connections, Add	*19.53*	
05 12 23 00-0297	LF	W21 x 93 A992/A36 Structural Beam Or Girder	158.86	54.21
		For High Strength Low Alloy A572-50 Steel, Add	*14.30*	
		For High Strength Low Alloy A588 Steel, Add	*31.77*	
		For Each Additional Top Copes >2, Add	*1.01*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.93*	
		For Skewed Or Sloped Connections, Add	*19.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0298	LF	W21 x 83 A992/A36 Structural Beam Or Girder	150.69	53.60
		For High Strength Low Alloy A572-50 Steel, Add	*13.56*	
		For High Strength Low Alloy A588 Steel, Add	*30.14*	
		For Each Additional Top Copes >2, Add	*0.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.16*	
		For Skewed Or Sloped Connections, Add	*18.08*	
05 12 23 00-0299	LF	W21 x 73 A992/A36 Structural Beam Or Girder	140.72	53.20
		For High Strength Low Alloy A572-50 Steel, Add	*12.66*	
		For High Strength Low Alloy A588 Steel, Add	*28.14*	
		For Each Additional Top Copes >2, Add	*0.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.74*	
		For Skewed Or Sloped Connections, Add	*16.89*	
05 12 23 00-0300	LF	W21 x 68 A992/A36 Structural Beam Or Girder	135.69	52.90
		For High Strength Low Alloy A572-50 Steel, Add	*12.21*	
		For High Strength Low Alloy A588 Steel, Add	*27.14*	
		For Each Additional Top Copes >2, Add	*0.79*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.03*	
		For Skewed Or Sloped Connections, Add	*16.28*	
05 12 23 00-0301	LF	W21 x 62 A992/A36 Structural Beam Or Girder	131.13	52.60
		For High Strength Low Alloy A572-50 Steel, Add	*11.80*	
		For High Strength Low Alloy A588 Steel, Add	*26.23*	
		For Each Additional Top Copes >2, Add	*0.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.48*	
		For Skewed Or Sloped Connections, Add	*15.74*	
05 12 23 00-0302	LF	W21 x 57 A992/A36 Structural Beam Or Girder	127.02	52.49
		For High Strength Low Alloy A572-50 Steel, Add	*11.43*	
		For High Strength Low Alloy A588 Steel, Add	*25.40*	
		For Each Additional Top Copes >2, Add	*0.71*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.07*	
		For Skewed Or Sloped Connections, Add	*15.24*	
05 12 23 00-0303	LF	W21 x 50 A992/A36 Structural Beam Or Girder	112.42	45.53
		For High Strength Low Alloy A572-50 Steel, Add	*10.12*	
		For High Strength Low Alloy A588 Steel, Add	*22.48*	
		For Each Additional Top Copes >2, Add	*0.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.05*	
		For Skewed Or Sloped Connections, Add	*13.49*	
05 12 23 00-0304	LF	W21 x 44 A992/A36 Structural Beam Or Girder	107.61	45.33
		For High Strength Low Alloy A572-50 Steel, Add	*9.68*	
		For High Strength Low Alloy A588 Steel, Add	*21.52*	
		For Each Additional Top Copes >2, Add	*0.59*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.41*	
		For Skewed Or Sloped Connections, Add	*12.91*	
05 12 23 00-0305	LF	W18 x 119 A992/A36 Structural Beam Or Girder	184.25	52.87
		For High Strength Low Alloy A572-50 Steel, Add	*16.58*	
		For High Strength Low Alloy A588 Steel, Add	*36.85*	
		For Each Additional Top Copes >2, Add	*1.28*	
		For Structural Tees, WT, MT Or ST, Deduct	*-56.03*	
		For Skewed Or Sloped Connections, Add	*22.11*	
05 12 23 00-0306	LF	W18 x 106 A992/A36 Structural Beam Or Girder	167.33	50.11
		For High Strength Low Alloy A572-50 Steel, Add	*15.06*	
		For High Strength Low Alloy A588 Steel, Add	*33.47*	
		For Each Additional Top Copes >2, Add	*1.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-50.55*	
		For Skewed Or Sloped Connections, Add	*20.08*	
05 12 23 00-0307	LF	W18 x 97 A992/A36 Structural Beam Or Girder	162.17	54.21
		For High Strength Low Alloy A572-50 Steel, Add	*14.60*	
		For High Strength Low Alloy A588 Steel, Add	*32.43*	
		For Each Additional Top Copes >2, Add	*1.04*	
		For Structural Tees, WT, MT Or ST, Deduct	*-48.07*	
		For Skewed Or Sloped Connections, Add	*19.46*	
05 12 23 00-0308	LF	W18 x 86 A992/A36 Structural Beam Or Girder	152.79	53.71
		For High Strength Low Alloy A572-50 Steel, Add	*13.75*	
		For High Strength Low Alloy A588 Steel, Add	*30.56*	
		For Each Additional Top Copes >2, Add	*0.95*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.88*	
		For Skewed Or Sloped Connections, Add	*18.33*	
05 12 23 00-0309	LF	W18 x 76 A992/A36 Structural Beam Or Girder	144.38	53.20
		For High Strength Low Alloy A572-50 Steel, Add	*12.99*	
		For High Strength Low Alloy A588 Steel, Add	*28.88*	
		For Each Additional Top Copes >2, Add	*0.88*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.01*	
		For Skewed Or Sloped Connections, Add	*17.33*	
05 12 23 00-0310	LF	W18 x 71 A992/A36 Structural Beam Or Girder	138.26	53.10
		For High Strength Low Alloy A572-50 Steel, Add	*12.44*	
		For High Strength Low Alloy A588 Steel, Add	*27.65*	
		For Each Additional Top Copes >2, Add	*0.82*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.90*	
		For Skewed Or Sloped Connections, Add	*16.59*	
05 12 23 00-0311	LF	W18 x 65 A992/A36 Structural Beam Or Girder	132.27	52.90
		For High Strength Low Alloy A572-50 Steel, Add	*11.90*	
		For High Strength Low Alloy A588 Steel, Add	*26.45*	
		For Each Additional Top Copes >2, Add	*0.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.85*	
		For Skewed Or Sloped Connections, Add	*15.87*	
05 12 23 00-0312	LF	W18 x 60 A992/A36 Structural Beam Or Girder	126.88	52.49
		For High Strength Low Alloy A572-50 Steel, Add	*11.42*	
		For High Strength Low Alloy A588 Steel, Add	*25.38*	
		For Each Additional Top Copes >2, Add	*0.71*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.01*	
		For Skewed Or Sloped Connections, Add	*15.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0313	LF	W18 x 55 A992/A36 Structural Beam Or Girder	121.47	52.39
		For High Strength Low Alloy A572-50 Steel, Add	*10.93*	
		For High Strength Low Alloy A588 Steel, Add	*24.29*	
		For Each Additional Top Copes >2, Add	*0.66*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.14*	
		For Skewed Or Sloped Connections, Add	*14.58*	
05 12 23 00-0314	LF	W18 x 50 A992/A36 Structural Beam Or Girder	109.11	45.53
		For High Strength Low Alloy A572-50 Steel, Add	*9.82*	
		For High Strength Low Alloy A588 Steel, Add	*21.82*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.89*	
		For Skewed Or Sloped Connections, Add	*13.09*	
05 12 23 00-0315	LF	W18 x 46 A992/A36 Structural Beam Or Girder	104.89	45.42
		For High Strength Low Alloy A572-50 Steel, Add	*9.44*	
		For High Strength Low Alloy A588 Steel, Add	*20.98*	
		For Each Additional Top Copes >2, Add	*0.56*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.44*	
		For Skewed Or Sloped Connections, Add	*12.59*	
05 12 23 00-0316	LF	W18 x 40 A992/A36 Structural Beam Or Girder	91.55	38.76
		For High Strength Low Alloy A572-50 Steel, Add	*8.24*	
		For High Strength Low Alloy A588 Steel, Add	*18.31*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.83*	
		For Skewed Or Sloped Connections, Add	*10.99*	
05 12 23 00-0317	LF	W18 x 35 A992/A36 Structural Beam Or Girder	86.25	38.67
		For High Strength Low Alloy A572-50 Steel, Add	*7.76*	
		For High Strength Low Alloy A588 Steel, Add	*17.25*	
		For Each Additional Top Copes >2, Add	*0.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.01*	
		For Skewed Or Sloped Connections, Add	*10.35*	
05 12 23 00-0318	LF	W16 x 100 A992/A36 Structural Beam Or Girder	149.58	35.23
		For High Strength Low Alloy A572-50 Steel, Add	*13.46*	
		For High Strength Low Alloy A588 Steel, Add	*29.92*	
		For Each Additional Top Copes >2, Add	*1.12*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.72*	
		For Skewed Or Sloped Connections, Add	*17.95*	
05 12 23 00-0319	LF	W16 x 89 A992/A36 Structural Beam Or Girder	137.62	34.63
		For High Strength Low Alloy A572-50 Steel, Add	*12.39*	
		For High Strength Low Alloy A588 Steel, Add	*27.52*	
		For Each Additional Top Copes >2, Add	*1.01*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.62*	
		For Skewed Or Sloped Connections, Add	*16.51*	
05 12 23 00-0320	LF	W16 x 77 A992/A36 Structural Beam Or Girder	124.81	34.22
		For High Strength Low Alloy A572-50 Steel, Add	*11.23*	
		For High Strength Low Alloy A588 Steel, Add	*24.96*	
		For Each Additional Top Copes >2, Add	*0.88*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.22*	
		For Skewed Or Sloped Connections, Add	*14.98*	
05 12 23 00-0321	LF	W16 x 67 A992/A36 Structural Beam Or Girder	113.90	33.72
		For High Strength Low Alloy A572-50 Steel, Add	*10.25*	
		For High Strength Low Alloy A588 Steel, Add	*22.78*	
		For Each Additional Top Copes >2, Add	*0.78*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.47*	
		For Skewed Or Sloped Connections, Add	*13.67*	
05 12 23 00-0322	LF	W16 x 57 A992/A36 Structural Beam Or Girder	103.09	33.21
		For High Strength Low Alloy A572-50 Steel, Add	*9.28*	
		For High Strength Low Alloy A588 Steel, Add	*20.62*	
		For Each Additional Top Copes >2, Add	*0.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.77*	
		For Skewed Or Sloped Connections, Add	*12.37*	
05 12 23 00-0323	LF	W16 x 50 A992/A36 Structural Beam Or Girder	95.58	32.91
		For High Strength Low Alloy A572-50 Steel, Add	*8.60*	
		For High Strength Low Alloy A588 Steel, Add	*19.12*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.18*	
		For Skewed Or Sloped Connections, Add	*11.47*	
05 12 23 00-0324	LF	W16 x 45 A992/A36 Structural Beam Or Girder	90.29	32.71
		For High Strength Low Alloy A572-50 Steel, Add	*8.13*	
		For High Strength Low Alloy A588 Steel, Add	*18.06*	
		For Each Additional Top Copes >2, Add	*0.55*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.36*	
		For Skewed Or Sloped Connections, Add	*10.83*	
05 12 23 00-0325	LF	W16 x 40 A992/A36 Structural Beam Or Girder	84.79	32.41
		For High Strength Low Alloy A572-50 Steel, Add	*7.63*	
		For High Strength Low Alloy A588 Steel, Add	*16.96*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.48*	
		For Skewed Or Sloped Connections, Add	*10.17*	
05 12 23 00-0326	LF	W16 x 36 A992/A36 Structural Beam Or Girder	80.45	32.20
		For High Strength Low Alloy A572-50 Steel, Add	*7.24*	
		For High Strength Low Alloy A588 Steel, Add	*16.09*	
		For Each Additional Top Copes >2, Add	*0.46*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.01*	
		For Skewed Or Sloped Connections, Add	*9.65*	
05 12 23 00-0327	LF	W16 x 31 A992/A36 Structural Beam Or Girder	68.29	25.64
		For High Strength Low Alloy A572-50 Steel, Add	*6.15*	
		For High Strength Low Alloy A588 Steel, Add	*13.66*	
		For Each Additional Top Copes >2, Add	*0.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.80*	
		For Skewed Or Sloped Connections, Add	*8.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0328	LF	W16 x 26 A992/A36 Structural Beam Or Girder	61.37	25.34
		For High Strength Low Alloy A572-50 Steel, Add	*5.52*	
		For High Strength Low Alloy A588 Steel, Add	*12.27*	
		For Each Additional Top Copes >2, Add	*0.34*	
		For Structural Tees, WT, MT Or ST, Deduct	*-17.42*	
		For Skewed Or Sloped Connections, Add	*7.36*	
05 12 23 00-0329	LF	W14 x 99 A992/A36 Structural Beam Or Girder	141.75	28.87
		For High Strength Low Alloy A572-50 Steel, Add	*12.76*	
		For High Strength Low Alloy A588 Steel, Add	*28.35*	
		For Each Additional Top Copes >2, Add	*1.11*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.99*	
		For Skewed Or Sloped Connections, Add	*17.01*	
05 12 23 00-0330	LF	W14 x 90 A992/A36 Structural Beam Or Girder	132.01	28.37
		For High Strength Low Alloy A572-50 Steel, Add	*11.88*	
		For High Strength Low Alloy A588 Steel, Add	*26.40*	
		For Each Additional Top Copes >2, Add	*1.02*	
		For Structural Tees, WT, MT Or ST, Deduct	*-41.66*	
		For Skewed Or Sloped Connections, Add	*15.84*	
05 12 23 00-0331	LF	W14 x 82 A992/A36 Structural Beam Or Girder	123.33	28.07
		For High Strength Low Alloy A572-50 Steel, Add	*11.10*	
		For High Strength Low Alloy A588 Steel, Add	*24.67*	
		For Each Additional Top Copes >2, Add	*0.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.68*	
		For Skewed Or Sloped Connections, Add	*14.80*	
05 12 23 00-0332	LF	W14 x 74 A992/A36 Structural Beam Or Girder	114.66	27.66
		For High Strength Low Alloy A572-50 Steel, Add	*10.32*	
		For High Strength Low Alloy A588 Steel, Add	*22.93*	
		For Each Additional Top Copes >2, Add	*0.85*	
		For Structural Tees, WT, MT Or ST, Deduct	*-35.71*	
		For Skewed Or Sloped Connections, Add	*13.76*	
05 12 23 00-0333	LF	W14 x 68 A992/A36 Structural Beam Or Girder	108.20	27.36
		For High Strength Low Alloy A572-50 Steel, Add	*9.74*	
		For High Strength Low Alloy A588 Steel, Add	*21.64*	
		For Each Additional Top Copes >2, Add	*0.79*	
		For Structural Tees, WT, MT Or ST, Deduct	*-33.49*	
		For Skewed Or Sloped Connections, Add	*12.98*	
05 12 23 00-0334	LF	W14 x 61 A992/A36 Structural Beam Or Girder	100.67	27.05
		For High Strength Low Alloy A572-50 Steel, Add	*9.06*	
		For High Strength Low Alloy A588 Steel, Add	*20.13*	
		For Each Additional Top Copes >2, Add	*0.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-30.90*	
		For Skewed Or Sloped Connections, Add	*12.08*	
05 12 23 00-0335	LF	W14 x 53 A992/A36 Structural Beam Or Girder	92.11	26.65
		For High Strength Low Alloy A572-50 Steel, Add	*8.29*	
		For High Strength Low Alloy A588 Steel, Add	*18.42*	
		For Each Additional Top Copes >2, Add	*0.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.97*	
		For Skewed Or Sloped Connections, Add	*11.05*	
05 12 23 00-0336	LF	W14 x 48 A992/A36 Structural Beam Or Girder	86.60	26.35
		For High Strength Low Alloy A572-50 Steel, Add	*7.79*	
		For High Strength Low Alloy A588 Steel, Add	*17.32*	
		For Each Additional Top Copes >2, Add	*0.58*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.09*	
		For Skewed Or Sloped Connections, Add	*10.39*	
05 12 23 00-0337	LF	W14 x 43 A992/A36 Structural Beam Or Girder	81.19	26.25
		For High Strength Low Alloy A572-50 Steel, Add	*7.31*	
		For High Strength Low Alloy A588 Steel, Add	*16.24*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.22*	
		For Skewed Or Sloped Connections, Add	*9.74*	
05 12 23 00-0338	LF	W14 x 38 A992/A36 Structural Beam Or Girder	75.80	26.05
		For High Strength Low Alloy A572-50 Steel, Add	*6.82*	
		For High Strength Low Alloy A588 Steel, Add	*15.16*	
		For Each Additional Top Copes >2, Add	*0.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.38*	
		For Skewed Or Sloped Connections, Add	*9.10*	
05 12 23 00-0339	LF	W14 x 34 A992/A36 Structural Beam Or Girder	71.46	25.74
		For High Strength Low Alloy A572-50 Steel, Add	*6.43*	
		For High Strength Low Alloy A588 Steel, Add	*14.29*	
		For Each Additional Top Copes >2, Add	*0.44*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.89*	
		For Skewed Or Sloped Connections, Add	*8.58*	
05 12 23 00-0340	LF	W14 x 30 A992/A36 Structural Beam Or Girder	67.11	25.64
		For High Strength Low Alloy A572-50 Steel, Add	*6.04*	
		For High Strength Low Alloy A588 Steel, Add	*13.42*	
		For Each Additional Top Copes >2, Add	*0.40*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.40*	
		For Skewed Or Sloped Connections, Add	*8.05*	
05 12 23 00-0341	LF	W14 x 26 A992/A36 Structural Beam Or Girder	62.77	25.34
		For High Strength Low Alloy A572-50 Steel, Add	*5.65*	
		For High Strength Low Alloy A588 Steel, Add	*12.55*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-17.91*	
		For Skewed Or Sloped Connections, Add	*7.53*	
05 12 23 00-0342	LF	W14 x 22 A992/A36 Structural Beam Or Girder	58.55	25.23
		For High Strength Low Alloy A572-50 Steel, Add	*5.27*	
		For High Strength Low Alloy A588 Steel, Add	*11.71*	
		For Each Additional Top Copes >2, Add	*0.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.47*	
		For Skewed Or Sloped Connections, Add	*7.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0343	LF	W12 x 87 A992/A36 Structural Beam Or Girder	128.84	28.27
		For High Strength Low Alloy A572-50 Steel, Add	*11.60*	
		For High Strength Low Alloy A588 Steel, Add	*25.77*	
		For Each Additional Top Copes >2, Add	*0.99*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.57*	
		For Skewed Or Sloped Connections, Add	*15.46*	
05 12 23 00-0344	LF	W12 x 79 A992/A36 Structural Beam Or Girder	120.16	27.86
		For High Strength Low Alloy A572-50 Steel, Add	*10.81*	
		For High Strength Low Alloy A588 Steel, Add	*24.03*	
		For Each Additional Top Copes >2, Add	*0.90*	
		For Structural Tees, WT, MT Or ST, Deduct	*-37.59*	
		For Skewed Or Sloped Connections, Add	*14.42*	
05 12 23 00-0345	LF	W12 x 72 A992/A36 Structural Beam Or Girder	112.54	27.56
		For High Strength Low Alloy A572-50 Steel, Add	*10.13*	
		For High Strength Low Alloy A588 Steel, Add	*22.51*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.98*	
		For Skewed Or Sloped Connections, Add	*13.50*	
05 12 23 00-0346	LF	W12 x 65 A992/A36 Structural Beam Or Girder	105.01	27.25
		For High Strength Low Alloy A572-50 Steel, Add	*9.45*	
		For High Strength Low Alloy A588 Steel, Add	*21.00*	
		For Each Additional Top Copes >2, Add	*0.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.39*	
		For Skewed Or Sloped Connections, Add	*12.60*	
05 12 23 00-0347	LF	W12 x 58 A992/A36 Structural Beam Or Girder	97.40	26.85
		For High Strength Low Alloy A572-50 Steel, Add	*8.77*	
		For High Strength Low Alloy A588 Steel, Add	*19.48*	
		For Each Additional Top Copes >2, Add	*0.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.79*	
		For Skewed Or Sloped Connections, Add	*11.69*	
05 12 23 00-0348	LF	W12 x 53 A992/A36 Structural Beam Or Girder	92.11	26.65
		For High Strength Low Alloy A572-50 Steel, Add	*8.29*	
		For High Strength Low Alloy A588 Steel, Add	*18.42*	
		For Each Additional Top Copes >2, Add	*0.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.97*	
		For Skewed Or Sloped Connections, Add	*11.05*	
05 12 23 00-0349	LF	W12 x 50 A992/A36 Structural Beam Or Girder	88.72	26.55
		For High Strength Low Alloy A572-50 Steel, Add	*7.98*	
		For High Strength Low Alloy A588 Steel, Add	*17.74*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.81*	
		For Skewed Or Sloped Connections, Add	*10.65*	
05 12 23 00-0350	LF	W12 x 45 A992/A36 Structural Beam Or Girder	83.43	26.35
		For High Strength Low Alloy A572-50 Steel, Add	*7.51*	
		For High Strength Low Alloy A588 Steel, Add	*16.69*	
		For Each Additional Top Copes >2, Add	*0.55*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.99*	
		For Skewed Or Sloped Connections, Add	*10.01*	
05 12 23 00-0351	LF	W12 x 40 A992/A36 Structural Beam Or Girder	71.06	19.59
		For High Strength Low Alloy A572-50 Steel, Add	*6.40*	
		For High Strength Low Alloy A588 Steel, Add	*14.21*	
		For Each Additional Top Copes >2, Add	*0.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.74*	
		For Skewed Or Sloped Connections, Add	*8.53*	
05 12 23 00-0352	LF	W12 x 35 A992/A36 Structural Beam Or Girder	65.77	19.48
		For High Strength Low Alloy A572-50 Steel, Add	*5.92*	
		For High Strength Low Alloy A588 Steel, Add	*13.15*	
		For Each Additional Top Copes >2, Add	*0.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.91*	
		For Skewed Or Sloped Connections, Add	*7.89*	
05 12 23 00-0353	LF	W12 x 30 A992/A36 Structural Beam Or Girder	60.25	19.18
		For High Strength Low Alloy A572-50 Steel, Add	*5.42*	
		For High Strength Low Alloy A588 Steel, Add	*12.05*	
		For Each Additional Top Copes >2, Add	*0.40*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.03*	
		For Skewed Or Sloped Connections, Add	*7.23*	
05 12 23 00-0354	LF	W12 x 26 A992/A36 Structural Beam Or Girder	55.91	18.97
		For High Strength Low Alloy A572-50 Steel, Add	*5.03*	
		For High Strength Low Alloy A588 Steel, Add	*11.18*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.54*	
		For Skewed Or Sloped Connections, Add	*6.71*	
05 12 23 00-0355	LF	W12 x 22 A992/A36 Structural Beam Or Girder	51.69	18.77
		For High Strength Low Alloy A572-50 Steel, Add	*4.65*	
		For High Strength Low Alloy A588 Steel, Add	*10.34*	
		For Each Additional Top Copes >2, Add	*0.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.09*	
		For Skewed Or Sloped Connections, Add	*6.20*	
05 12 23 00-0356	LF	W12 x 19 A992/A36 Structural Beam Or Girder	48.39	18.68
		For High Strength Low Alloy A572-50 Steel, Add	*4.36*	
		For High Strength Low Alloy A588 Steel, Add	*9.68*	
		For Each Additional Top Copes >2, Add	*0.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-13.95*	
		For Skewed Or Sloped Connections, Add	*5.81*	
05 12 23 00-0357	LF	W12 x 16 A992/A36 Structural Beam Or Girder	45.11	18.37
		For High Strength Low Alloy A572-50 Steel, Add	*4.06*	
		For High Strength Low Alloy A588 Steel, Add	*9.02*	
		For Each Additional Top Copes >2, Add	*0.25*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.84*	
		For Skewed Or Sloped Connections, Add	*5.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0358	LF	W12 x 14 A992/A36 Structural Beam Or Girder	43.01	18.37
		For High Strength Low Alloy A572-50 Steel, Add	*3.87*	
		For High Strength Low Alloy A588 Steel, Add	*8.60*	
		For Each Additional Top Copes >2, Add	*0.23*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.12*	
		For Skewed Or Sloped Connections, Add	*5.16*	
05 12 23 00-0359	LF	W10 x 68 A992/A36 Structural Beam Or Girder	101.67	21.10
		For High Strength Low Alloy A572-50 Steel, Add	*9.15*	
		For High Strength Low Alloy A588 Steel, Add	*20.33*	
		For Each Additional Top Copes >2, Add	*0.79*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.22*	
		For Skewed Or Sloped Connections, Add	*12.20*	
05 12 23 00-0360	LF	W10 x 60 A992/A36 Structural Beam Or Girder	93.10	20.70
		For High Strength Low Alloy A572-50 Steel, Add	*8.38*	
		For High Strength Low Alloy A588 Steel, Add	*18.62*	
		For Each Additional Top Copes >2, Add	*0.71*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.28*	
		For Skewed Or Sloped Connections, Add	*11.17*	
05 12 23 00-0361	LF	W10 x 54 A992/A36 Structural Beam Or Girder	86.52	20.30
		For High Strength Low Alloy A572-50 Steel, Add	*7.79*	
		For High Strength Low Alloy A588 Steel, Add	*17.30*	
		For Each Additional Top Copes >2, Add	*0.65*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.03*	
		For Skewed Or Sloped Connections, Add	*10.38*	
05 12 23 00-0362	LF	W10 x 49 A992/A36 Structural Beam Or Girder	81.15	20.08
		For High Strength Low Alloy A572-50 Steel, Add	*7.30*	
		For High Strength Low Alloy A588 Steel, Add	*16.23*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-25.19*	
		For Skewed Or Sloped Connections, Add	*9.74*	
05 12 23 00-0363	LF	W10 x 45 A992/A36 Structural Beam Or Girder	76.79	19.99
		For High Strength Low Alloy A572-50 Steel, Add	*6.91*	
		For High Strength Low Alloy A588 Steel, Add	*15.36*	
		For Each Additional Top Copes >2, Add	*0.56*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.70*	
		For Skewed Or Sloped Connections, Add	*9.21*	
05 12 23 00-0364	LF	W10 x 39 A992/A36 Structural Beam Or Girder	70.35	19.59
		For High Strength Low Alloy A572-50 Steel, Add	*6.33*	
		For High Strength Low Alloy A588 Steel, Add	*14.07*	
		For Each Additional Top Copes >2, Add	*0.49*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.49*	
		For Skewed Or Sloped Connections, Add	*8.44*	
05 12 23 00-0365	LF	W10 x 33 A992/A36 Structural Beam Or Girder	63.89	19.28
		For High Strength Low Alloy A572-50 Steel, Add	*5.75*	
		For High Strength Low Alloy A588 Steel, Add	*12.78*	
		For Each Additional Top Copes >2, Add	*0.43*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.27*	
		For Skewed Or Sloped Connections, Add	*7.67*	
05 12 23 00-0366	LF	W10 x 30 A992/A36 Structural Beam Or Girder	60.60	19.18
		For High Strength Low Alloy A572-50 Steel, Add	*5.45*	
		For High Strength Low Alloy A588 Steel, Add	*12.12*	
		For Each Additional Top Copes >2, Add	*0.40*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.14*	
		For Skewed Or Sloped Connections, Add	*7.27*	
05 12 23 00-0367	LF	W10 x 26 A992/A36 Structural Beam Or Girder	56.38	19.08
		For High Strength Low Alloy A572-50 Steel, Add	*5.07*	
		For High Strength Low Alloy A588 Steel, Add	*11.28*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-16.69*	
		For Skewed Or Sloped Connections, Add	*6.77*	
05 12 23 00-0368	LF	W10 x 22 A992/A36 Structural Beam Or Girder	51.93	18.77
		For High Strength Low Alloy A572-50 Steel, Add	*4.67*	
		For High Strength Low Alloy A588 Steel, Add	*10.39*	
		For Each Additional Top Copes >2, Add	*0.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.18*	
		For Skewed Or Sloped Connections, Add	*6.23*	
05 12 23 00-0369	LF	W10 x 19 A992/A36 Structural Beam Or Girder	48.74	18.68
		For High Strength Low Alloy A572-50 Steel, Add	*4.39*	
		For High Strength Low Alloy A588 Steel, Add	*9.75*	
		For Each Additional Top Copes >2, Add	*0.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-14.08*	
		For Skewed Or Sloped Connections, Add	*5.85*	
05 12 23 00-0370	LF	W10 x 17 A992/A36 Structural Beam Or Girder	46.52	18.57
		For High Strength Low Alloy A572-50 Steel, Add	*4.19*	
		For High Strength Low Alloy A588 Steel, Add	*9.30*	
		For Each Additional Top Copes >2, Add	*0.27*	
		For Structural Tees, WT, MT Or ST, Deduct	*-13.31*	
		For Skewed Or Sloped Connections, Add	*5.58*	
05 12 23 00-0371	LF	W10 x 15 A992/A36 Structural Beam Or Girder	44.40	18.37
		For High Strength Low Alloy A572-50 Steel, Add	*4.00*	
		For High Strength Low Alloy A588 Steel, Add	*8.88*	
		For Each Additional Top Copes >2, Add	*0.25*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.59*	
		For Skewed Or Sloped Connections, Add	*5.33*	
05 12 23 00-0372	LF	W10 x 12 A992/A36 Structural Beam Or Girder	41.24	18.37
		For High Strength Low Alloy A572-50 Steel, Add	*3.71*	
		For High Strength Low Alloy A588 Steel, Add	*8.25*	
		For Each Additional Top Copes >2, Add	*0.22*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.50*	
		For Skewed Or Sloped Connections, Add	*4.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0373	LF	W8 x 35 A992/A36 Structural Beam Or Girder	66.01	19.48
		For High Strength Low Alloy A572-50 Steel, Add	*5.94*	
		For High Strength Low Alloy A588 Steel, Add	*13.20*	
		For Each Additional Top Copes >2, Add	*0.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.00*	
		For Skewed Or Sloped Connections, Add	*7.92*	
05 12 23 00-0374	LF	W8 x 31 A992/A36 Structural Beam Or Girder	61.67	19.18
		For High Strength Low Alloy A572-50 Steel, Add	*5.55*	
		For High Strength Low Alloy A588 Steel, Add	*12.33*	
		For Each Additional Top Copes >2, Add	*0.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.51*	
		For Skewed Or Sloped Connections, Add	*7.40*	
05 12 23 00-0375	LF	W8 x 28 A992/A36 Structural Beam Or Girder	57.37	18.07
		For High Strength Low Alloy A572-50 Steel, Add	*5.16*	
		For High Strength Low Alloy A588 Steel, Add	*11.47*	
		For Each Additional Top Copes >2, Add	*0.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-17.19*	
		For Skewed Or Sloped Connections, Add	*6.88*	
05 12 23 00-0376	LF	W8 x 24 A992/A36 Structural Beam Or Girder	52.39	16.96
		For High Strength Low Alloy A572-50 Steel, Add	*4.72*	
		For High Strength Low Alloy A588 Steel, Add	*10.48*	
		For Each Additional Top Copes >2, Add	*0.34*	
		For Structural Tees, WT, MT Or ST, Deduct	*-15.63*	
		For Skewed Or Sloped Connections, Add	*6.29*	
05 12 23 00-0377	LF	W8 x 21 A992/A36 Structural Beam Or Girder	48.76	15.75
		For High Strength Low Alloy A572-50 Steel, Add	*4.39*	
		For High Strength Low Alloy A588 Steel, Add	*9.75*	
		For Each Additional Top Copes >2, Add	*0.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-14.54*	
		For Skewed Or Sloped Connections, Add	*5.85*	
05 12 23 00-0378	LF	W8 x 18 A992/A36 Structural Beam Or Girder	42.80	14.64
		For High Strength Low Alloy A572-50 Steel, Add	*3.85*	
		For High Strength Low Alloy A588 Steel, Add	*8.56*	
		For Each Additional Top Copes >2, Add	*0.27*	
		For Structural Tees, WT, MT Or ST, Deduct	*-12.63*	
		For Skewed Or Sloped Connections, Add	*5.14*	
05 12 23 00-0379	LF	W8 x 10 A992/A36 Structural Beam Or Girder	25.60	10.50
		For High Strength Low Alloy A572-50 Steel, Add	*2.30*	
		For High Strength Low Alloy A588 Steel, Add	*5.12*	
		For Each Additional Top Copes >2, Add	*0.15*	
		For Structural Tees, WT, MT Or ST, Deduct	*-7.30*	
		For Skewed Or Sloped Connections, Add	*3.07*	
05 12 23 00-0380	LF	W6 x 9 A992/A36 Structural Beam Or Girder	23.39	8.58
		For High Strength Low Alloy A572-50 Steel, Add	*2.11*	
		For High Strength Low Alloy A588 Steel, Add	*4.68*	
		For Each Additional Top Copes >2, Add	*0.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-6.82*	
		For Skewed Or Sloped Connections, Add	*2.81*	

05 12 23 00-0381 A992/A36 Structural Steel, M Shapes *(05 12 23 00-0163)*

Note: Includes material delivery and erection.

05 12 23 00-0382	LF	M14 x 18 A992/A36 Structural Steel	47.78	13.94
		For High Strength Low Alloy A572-50 Steel, Add	*4.30*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.56*	
05 12 23 00-0383	LF	M12 x 11.8 A992/A36 Structural Steel	34.72	12.32
		For High Strength Low Alloy A572-50 Steel, Add	*3.12*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.94*	
05 12 23 00-0384	LF	M10 x 9 A992/A36 Structural Steel	27.01	9.89
		For High Strength Low Alloy A572-50 Steel, Add	*2.43*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*5.40*	
05 12 23 00-0385	LF	M8 x 6.5 A992/A36 Structural Steel	19.51	7.14
		For High Strength Low Alloy A572-50 Steel, Add	*1.76*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*3.90*	
05 12 23 00-0386	LF	M6 x 20 A992/A36 Structural Steel	53.75	16.26
		For High Strength Low Alloy A572-50 Steel, Add	*4.84*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.75*	
05 12 23 00-0387	LF	M6 x 4.4 A992/A36 Structural Steel	13.20	4.83
		For High Strength Low Alloy A572-50 Steel, Add	*1.19*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*2.64*	
05 12 23 00-0388	LF	M5 x 18.9 A992/A36 Structural Steel	51.89	16.26
		For High Strength Low Alloy A572-50 Steel, Add	*4.67*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.38*	
05 12 23 00-0389	LF	M4 x 13 A992/A36 Structural Steel	42.98	15.95
		For High Strength Low Alloy A572-50 Steel, Add	*3.87*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.60*	

05 12 23 00-0390 A992/A36 Structural Steel, S Shapes *(05 12 23 00-0163)*

Note: Includes material delivery and erection.

05 12 23 00-0391	LF	S24 x 121 A992/A36 Structural Steel	284.92	70.55
		For High Strength Low Alloy A572-50 Steel, Add	*25.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*56.98*	
05 12 23 00-0392	LF	S24 x 106 A992/A36 Structural Steel	253.08	65.06
		For High Strength Low Alloy A572-50 Steel, Add	*22.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*50.62*	
05 12 23 00-0393	LF	S24 x 100 A992/A36 Structural Steel	242.19	64.61
		For High Strength Low Alloy A572-50 Steel, Add	*21.80*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*48.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0394	LF	S24 x 90 A992/A36 Structural Steel	221.24	61.21
		For High Strength Low Alloy A572-50 Steel, Add	*19.91*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*44.25*	
05 12 23 00-0395	LF	S24 x 80 A992/A36 Structural Steel	199.70	57.27
		For High Strength Low Alloy A572-50 Steel, Add	*17.97*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.94*	
05 12 23 00-0396	LF	S20 x 96 A992/A36 Structural Steel	232.52	62.03
		For High Strength Low Alloy A572-50 Steel, Add	*20.93*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*46.50*	
05 12 23 00-0397	LF	S20 x 86 A992/A36 Structural Steel	211.41	58.49
		For High Strength Low Alloy A572-50 Steel, Add	*19.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*42.28*	
05 12 23 00-0398	LF	S20 x 75 A992/A36 Structural Steel	187.22	53.70
		For High Strength Low Alloy A572-50 Steel, Add	*16.85*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*37.44*	
05 12 23 00-0399	LF	S20 x 66 A992/A36 Structural Steel	167.41	49.74
		For High Strength Low Alloy A572-50 Steel, Add	*15.07*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*33.48*	
05 12 23 00-0400	LF	S18 x 70 A992/A36 Structural Steel	177.57	52.75
		For High Strength Low Alloy A572-50 Steel, Add	*15.98*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.51*	
05 12 23 00-0401	LF	S18 x 54.7 A992/A36 Structural Steel	141.06	43.39
		For High Strength Low Alloy A572-50 Steel, Add	*12.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.21*	
05 12 23 00-0402	LF	S15 x 50 A992/A36 Structural Steel	131.17	41.75
		For High Strength Low Alloy A572-50 Steel, Add	*11.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.23*	
05 12 23 00-0403	LF	S15 x 42.9 A992/A36 Structural Steel	114.55	37.71
		For High Strength Low Alloy A572-50 Steel, Add	*10.31*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.91*	
05 12 23 00-0404	LF	S12 x 50 A992/A36 Structural Steel	128.94	39.66
		For High Strength Low Alloy A572-50 Steel, Add	*11.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.79*	
05 12 23 00-0405	LF	S12 x 40.8 A992/A36 Structural Steel	107.03	34.07
		For High Strength Low Alloy A572-50 Steel, Add	*9.63*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.41*	
05 12 23 00-0406	LF	S12 x 35 A992/A36 Structural Steel	93.45	30.76
		For High Strength Low Alloy A572-50 Steel, Add	*8.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.69*	
05 12 23 00-0407	LF	S12 x 31.8 A992/A36 Structural Steel	86.48	29.42
		For High Strength Low Alloy A572-50 Steel, Add	*7.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.30*	
05 12 23 00-0408	LF	S10 x 35 A992/A36 Structural Steel	95.18	32.39
		For High Strength Low Alloy A572-50 Steel, Add	*8.57*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.04*	
05 12 23 00-0409	LF	S10 x 25.4 A992/A36 Structural Steel	70.39	24.73
		For High Strength Low Alloy A572-50 Steel, Add	*6.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.08*	
05 12 23 00-0410	LF	S8 x 23 A992/A36 Structural Steel	63.75	22.40
		For High Strength Low Alloy A572-50 Steel, Add	*5.74*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.75*	
05 12 23 00-0411	LF	S8 x 18.4 A992/A36 Structural Steel	52.00	18.87
		For High Strength Low Alloy A572-50 Steel, Add	*4.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.40*	
05 12 23 00-0412	LF	S7 x 20 A992/A36 Structural Steel	56.52	20.51
		For High Strength Low Alloy A572-50 Steel, Add	*5.09*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.30*	
05 12 23 00-0413	LF	S7 x 15.3 A992/A36 Structural Steel	44.12	16.51
		For High Strength Low Alloy A572-50 Steel, Add	*3.97*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.82*	
05 12 23 00-0414	LF	S6 x 17.25 A992/A36 Structural Steel	48.08	17.05
		For High Strength Low Alloy A572-50 Steel, Add	*4.33*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.62*	
05 12 23 00-0415	LF	S6 x 12.5 A992/A36 Structural Steel	41.38	15.75
		For High Strength Low Alloy A572-50 Steel, Add	*3.72*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.28*	
05 12 23 00-0416	LF	S5 x 14.75 A992/A36 Structural Steel	43.94	16.05
		For High Strength Low Alloy A572-50 Steel, Add	*3.95*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.79*	
05 12 23 00-0417	LF	S5 x 10 A992/A36 Structural Steel	37.62	15.64
		For High Strength Low Alloy A572-50 Steel, Add	*3.39*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.52*	
05 12 23 00-0418	LF	S4 x 9.5 A992/A36 Structural Steel	36.65	15.64
		For High Strength Low Alloy A572-50 Steel, Add	*3.30*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*7.33*	
05 12 23 00-0419	LF	S4 x 7.7 A992/A36 Structural Steel	34.40	15.64
		For High Strength Low Alloy A572-50 Steel, Add	*3.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.88*	
05 12 23 00-0420	LF	S3 x 7.5 A992/A36 Structural Steel	34.19	15.64
		For High Strength Low Alloy A572-50 Steel, Add	*3.08*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.84*	
05 12 23 00-0421	LF	S3 x 5.7 A992/A36 Structural Steel	31.50	15.55
		For High Strength Low Alloy A572-50 Steel, Add	*2.84*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*6.30*	

05 12 23 00-0422 A992/A36 Structural Steel, HP Shapes *(05 12 23 00-0163)*
Note: Includes material delivery and erection.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0423	LF	HP14 x 117 A992/A36 Structural Steel	171.22	20.90
		For High Strength Low Alloy A572-50 Steel, Add	*15.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.24*	
05 12 23 00-0424	LF	HP14 x 102 A992/A36 Structural Steel	150.04	19.45
		For High Strength Low Alloy A572-50 Steel, Add	*13.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*30.01*	
05 12 23 00-0425	LF	HP14 x 89 A992/A36 Structural Steel	133.86	18.24
		For High Strength Low Alloy A572-50 Steel, Add	*12.05*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.77*	
05 12 23 00-0426	LF	HP14 x 73 A992/A36 Structural Steel	111.22	17.20
		For High Strength Low Alloy A572-50 Steel, Add	*10.01*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.24*	
05 12 23 00-0427	LF	HP13 x 100 A992/A36 Structural Steel	147.11	19.07
		For High Strength Low Alloy A572-50 Steel, Add	*13.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.42*	
05 12 23 00-0428	LF	HP13 x 87 A992/A36 Structural Steel	130.85	17.84
		For High Strength Low Alloy A572-50 Steel, Add	*11.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.17*	
05 12 23 00-0429	LF	HP13 x 73 A992/A36 Structural Steel	111.22	17.20
		For High Strength Low Alloy A572-50 Steel, Add	*10.01*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.24*	
05 12 23 00-0430	LF	HP13 x 60 A992/A36 Structural Steel	94.60	16.48
		For High Strength Low Alloy A572-50 Steel, Add	*8.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.92*	
05 12 23 00-0431	LF	HP12 x 84 A992/A36 Structural Steel	123.82	18.81
		For High Strength Low Alloy A572-50 Steel, Add	*11.14*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.76*	
05 12 23 00-0432	LF	HP12 x 74 A992/A36 Structural Steel	109.61	17.74
		For High Strength Low Alloy A572-50 Steel, Add	*9.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.92*	
05 12 23 00-0433	LF	HP12 x 63 A992/A36 Structural Steel	94.56	16.32
		For High Strength Low Alloy A572-50 Steel, Add	*8.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.91*	
05 12 23 00-0434	LF	HP12 x 53 A992/A36 Structural Steel	86.80	15.51
		For High Strength Low Alloy A572-50 Steel, Add	*7.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.36*	
05 12 23 00-0435	LF	HP10 x 57 A992/A36 Structural Steel	91.35	15.92
		For High Strength Low Alloy A572-50 Steel, Add	*8.22*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.27*	
05 12 23 00-0436	LF	HP10 x 42 A992/A36 Structural Steel	75.64	14.92
		For High Strength Low Alloy A572-50 Steel, Add	*6.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.13*	
05 12 23 00-0437	LF	HP8 x 36 A992/A36 Structural Steel	65.97	14.07
		For High Strength Low Alloy A572-50 Steel, Add	*5.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.19*	

05 12 23 00-0438 Lightweight Framing Steel Shapes *(05 12 23)*

05 12 23 00-0439 Angle Iron - L *(05 12 23 00-0438)*

05 12 23 00-0440 1/8" Thick *(05 12 23 00-0439)*

05 12 23 00-0441	LF	1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	2.31	1.43
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.31*	
		For >1,000, Deduct	*-0.41*	
		For Galvanized Steel, Add	*0.25*	
		For 304 Stainless Steel, Add	*1.17*	
		For High Strength Steel (HSS), Add	*0.46*	
05 12 23 00-0442	LF	3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	2.66	1.62
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000, Deduct	*-0.47*	
		For Galvanized Steel, Add	*0.32*	
		For 304 Stainless Steel, Add	*1.45*	
		For High Strength Steel (HSS), Add	*0.53*	
05 12 23 00-0443	LF	3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	3.00	1.78
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1,000, Deduct	*-0.39*	
		For >1,000, Deduct	*-0.52*	
		For Galvanized Steel, Add	*0.39*	
		For 304 Stainless Steel, Add	*1.80*	
		For High Strength Steel (HSS), Add	*0.60*	
05 12 23 00-0444	LF	1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	3.38	1.98
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-0.43*	
		For >1,000, Deduct	*-0.58*	
		For Galvanized Steel, Add	*0.45*	
		For 304 Stainless Steel, Add	*2.08*	
		For High Strength Steel (HSS), Add	*0.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0445	LF	1" x 1" x 1/8" Thick, Plain Steel Angle Iron	3.72	2.14
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.47*	
		For >1,000, Deduct	*-0.64*	
		For Galvanized Steel, Add	*0.53*	
		For 304 Stainless Steel, Add	*2.45*	
		For High Strength Steel (HSS), Add	*0.74*	
05 12 23 00-0446	LF	1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron	4.44	2.53
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000, Deduct	*-0.75*	
		For Galvanized Steel, Add	*0.67*	
		For 304 Stainless Steel, Add	*3.08*	
		For High Strength Steel (HSS), Add	*0.89*	
05 12 23 00-0447	LF	1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron	4.44	2.53
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000, Deduct	*-0.75*	
		For Galvanized Steel, Add	*0.67*	
		For 304 Stainless Steel, Add	*3.08*	
		For High Strength Steel (HSS), Add	*0.89*	
05 12 23 00-0448	LF	1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	5.32	3.02
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000, Deduct	*-0.90*	
		For Galvanized Steel, Add	*0.81*	
		For 304 Stainless Steel, Add	*3.71*	
		For High Strength Steel (HSS), Add	*1.06*	
05 12 23 00-0449	LF	2" x 2" x 1/8" Thick, Plain Steel Angle Iron	7.24	4.11
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000, Deduct	*-1.23*	
		For Galvanized Steel, Add	*1.10*	
		For 304 Stainless Steel, Add	*5.04*	
		For High Strength Steel (HSS), Add	*1.45*	

05 12 23 00-0450 3/16" Thick *(05 12 23 00-0439)*

05 12 23 00-0451	LF	1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	5.13	2.67
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000, Deduct	*-0.83*	
		For Galvanized Steel, Add	*0.98*	
		For 304 Stainless Steel, Add	*4.50*	
		For High Strength Steel (HSS), Add	*1.03*	
05 12 23 00-0452	LF	1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	5.13	2.67
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000, Deduct	*-0.83*	
		For Galvanized Steel, Add	*0.98*	
		For 304 Stainless Steel, Add	*4.50*	
		For High Strength Steel (HSS), Add	*1.03*	
05 12 23 00-0453	LF	1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	5.73	2.86
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000, Deduct	*-0.90*	
		For Galvanized Steel, Add	*1.20*	
		For 304 Stainless Steel, Add	*5.50*	
		For High Strength Steel (HSS), Add	*1.15*	
05 12 23 00-0454	LF	2" x 2" x 3/16" Thick, Plain Steel Angle Iron	6.69	3.06
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000, Deduct	*-1.01*	
		For Galvanized Steel, Add	*1.62*	
		For 304 Stainless Steel, Add	*7.47*	
		For High Strength Steel (HSS), Add	*1.34*	
05 12 23 00-0455	LF	2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	7.32	3.28
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.80*	
		For >1,000, Deduct	*-1.10*	
		For Galvanized Steel, Add	*1.83*	
		For 304 Stainless Steel, Add	*8.41*	
		For High Strength Steel (HSS), Add	*1.46*	
05 12 23 00-0456	LF	2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.98	3.51
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000, Deduct	*-1.18*	
		For Galvanized Steel, Add	*2.05*	
		For 304 Stainless Steel, Add	*9.41*	
		For High Strength Steel (HSS), Add	*1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0457	LF	3" x 2" x 3/16" Thick, Plain Steel Angle Iron	7.98	3.51
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.87*	
		For >1,000, Deduct	*-1.18*	
		For Galvanized Steel, Add	*2.05*	
		For 304 Stainless Steel, Add	*9.41*	
		For High Strength Steel (HSS), Add	*1.60*	
05 12 23 00-0458	LF	3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	8.81	3.87
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000, Deduct	*-1.31*	
		For Galvanized Steel, Add	*2.26*	
		For 304 Stainless Steel, Add	*10.37*	
		For High Strength Steel (HSS), Add	*1.76*	
05 12 23 00-0459	LF	3" x 3" x 3/16" Thick, Plain Steel Angle Iron	9.63	4.25
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.05*	
		For >1,000, Deduct	*-1.43*	
		For Galvanized Steel, Add	*2.47*	
		For 304 Stainless Steel, Add	*11.34*	
		For High Strength Steel (HSS), Add	*1.93*	

05 12 23 00-0460 1/4" Thick *(05 12 23 00-0439)*

05 12 23 00-0461	LF	1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	5.79	2.82
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.66*	
		For >1,000, Deduct	*-0.90*	
		For Galvanized Steel, Add	*1.26*	
		For 304 Stainless Steel, Add	*5.81*	
		For High Strength Steel (HSS), Add	*1.16*	
05 12 23 00-0462	LF	1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	6.50	3.01
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.73*	
		For >1,000, Deduct	*-0.99*	
		For Galvanized Steel, Add	*1.54*	
		For 304 Stainless Steel, Add	*7.10*	
		For High Strength Steel (HSS), Add	*1.30*	
05 12 23 00-0463	LF	2" x 2" x 1/4" Thick, Plain Steel Angle Iron	7.71	3.21
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000, Deduct	*-1.11*	
		For Galvanized Steel, Add	*2.12*	
		For 304 Stainless Steel, Add	*9.75*	
		For High Strength Steel (HSS), Add	*1.54*	
05 12 23 00-0464	LF	2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	8.64	3.56
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000, Deduct	*-1.24*	
		For Galvanized Steel, Add	*2.41*	
		For 304 Stainless Steel, Add	*11.09*	
		For High Strength Steel (HSS), Add	*1.73*	
05 12 23 00-0465	LF	2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	9.59	3.90
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-1.00*	
		For >1,000, Deduct	*-1.37*	
		For Galvanized Steel, Add	*2.72*	
		For 304 Stainless Steel, Add	*12.51*	
		For High Strength Steel (HSS), Add	*1.92*	
05 12 23 00-0466	LF	3" x 2" x 1/4" Thick, Plain Steel Angle Iron	9.59	3.90
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-1.00*	
		For >1,000, Deduct	*-1.37*	
		For Galvanized Steel, Add	*2.72*	
		For 304 Stainless Steel, Add	*12.51*	
		For High Strength Steel (HSS), Add	*1.92*	
05 12 23 00-0467	LF	3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	10.61	4.33
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.11*	
		For >1,000, Deduct	*-1.52*	
		For Galvanized Steel, Add	*2.99*	
		For 304 Stainless Steel, Add	*13.77*	
		For High Strength Steel (HSS), Add	*2.12*	
05 12 23 00-0468	LF	3" x 3" x 1/4" Thick, Plain Steel Angle Iron	11.60	4.76
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000, Deduct	*-1.66*	
		For Galvanized Steel, Add	*3.26*	
		For 304 Stainless Steel, Add	*14.96*	
		For High Strength Steel (HSS), Add	*2.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0469	LF	3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	12.60	5.11
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000, Deduct	*-1.80*	
		For Galvanized Steel, Add	*3.58*	
		For 304 Stainless Steel, Add	*16.47*	
		For High Strength Steel (HSS), Add	*2.52*	
05 12 23 00-0470	LF	3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.35	0.53
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.38*	
		For >1,000, Deduct	*-1.89*	
		For Galvanized Steel, Add	*3.86*	
		For 304 Stainless Steel, Add	*17.76*	
		For High Strength Steel (HSS), Add	*2.67*	
05 12 23 00-0471	LF	4" x 3" x 1/4" Thick, Plain Steel Angle Iron	13.35	5.34
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.38*	
		For >1,000, Deduct	*-1.89*	
		For Galvanized Steel, Add	*3.86*	
		For 304 Stainless Steel, Add	*17.76*	
		For High Strength Steel (HSS), Add	*2.67*	
05 12 23 00-0472	LF	4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	14.07	5.56
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-1.98*	
		For Galvanized Steel, Add	*4.12*	
		For 304 Stainless Steel, Add	*18.92*	
		For High Strength Steel (HSS), Add	*2.81*	
05 12 23 00-0473	LF	4" x 4" x 1/4" Thick, Plain Steel Angle Iron	14.83	5.81
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000, Deduct	*-2.08*	
		For Galvanized Steel, Add	*4.40*	
		For 304 Stainless Steel, Add	*20.21*	
		For High Strength Steel (HSS), Add	*2.97*	
05 12 23 00-0474	LF	5" x 3" x 1/4" Thick, Plain Steel Angle Iron	14.83	5.81
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000, Deduct	*-2.08*	
		For Galvanized Steel, Add	*4.40*	
		For 304 Stainless Steel, Add	*20.21*	
		For High Strength Steel (HSS), Add	*2.97*	
05 12 23 00-0475	LF	5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	15.66	6.12
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.00*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.19*	
		For Galvanized Steel, Add	*4.65*	
		For 304 Stainless Steel, Add	*21.38*	
		For High Strength Steel (HSS), Add	*3.13*	

05 12 23 00-0476 5/16" Thick *(05 12 23 00-0439)*

05 12 23 00-0477	LF	2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	10.34	4.14
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.67*	
		For >500 To 1,000, Deduct	*-1.07*	
		For >1,000, Deduct	*-1.46*	
		For Galvanized Steel, Add	*2.99*	
		For 304 Stainless Steel, Add	*13.77*	
		For High Strength Steel (HSS), Add	*2.07*	
05 12 23 00-0478	LF	2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	11.22	4.39
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.15*	
		For >1,000, Deduct	*-1.57*	
		For Galvanized Steel, Add	*3.33*	
		For 304 Stainless Steel, Add	*15.30*	
		For High Strength Steel (HSS), Add	*2.24*	
05 12 23 00-0479	LF	3" x 2" x 5/16" Thick, Plain Steel Angle Iron	11.22	4.39
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.15*	
		For >1,000, Deduct	*-1.57*	
		For Galvanized Steel, Add	*3.33*	
		For 304 Stainless Steel, Add	*15.30*	
		For High Strength Steel (HSS), Add	*2.24*	
05 12 23 00-0480	LF	3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	12.42	4.81
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000, Deduct	*-1.73*	
		For Galvanized Steel, Add	*3.73*	
		For 304 Stainless Steel, Add	*17.13*	
		For High Strength Steel (HSS), Add	*2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0481	LF	3" x 3" x 5/16" Thick, Plain Steel Angle Iron	13.52	5.22
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1,000, Deduct	*-1.37*	
		For >1,000, Deduct	*-1.89*	
		For Galvanized Steel, Add	*4.06*	
		For 304 Stainless Steel, Add	*18.67*	
		For High Strength Steel (HSS), Add	*2.70*	
05 12 23 00-0482	LF	3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	14.41	5.49
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-2.00*	
		For Galvanized Steel, Add	*4.40*	
		For 304 Stainless Steel, Add	*20.21*	
		For High Strength Steel (HSS), Add	*2.88*	
05 12 23 00-0483	LF	3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	15.39	5.77
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.54*	
		For >1,000, Deduct	*-2.11*	
		For Galvanized Steel, Add	*4.78*	
		For 304 Stainless Steel, Add	*21.97*	
		For High Strength Steel (HSS), Add	*3.08*	
05 12 23 00-0484	LF	4" x 3" x 5/16" Thick, Plain Steel Angle Iron	15.39	5.77
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.54*	
		For >1,000, Deduct	*-2.11*	
		For Galvanized Steel, Add	*4.78*	
		For 304 Stainless Steel, Add	*21.97*	
		For High Strength Steel (HSS), Add	*3.08*	
05 12 23 00-0485	LF	4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	16.37	6.10
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1,000, Deduct	*-1.63*	
		For >1,000, Deduct	*-2.24*	
		For Galvanized Steel, Add	*5.12*	
		For 304 Stainless Steel, Add	*23.51*	
		For High Strength Steel (HSS), Add	*3.27*	
05 12 23 00-0486	LF	4" x 4" x 5/16" Thick, Plain Steel Angle Iron	17.28	6.36
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000, Deduct	*-2.36*	
		For Galvanized Steel, Add	*5.46*	
		For 304 Stainless Steel, Add	*25.08*	
		For High Strength Steel (HSS), Add	*3.46*	
05 12 23 00-0487	LF	5" x 3" x 5/16" Thick, Plain Steel Angle Iron	17.28	6.36
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000, Deduct	*-2.36*	
		For Galvanized Steel, Add	*5.46*	
		For 304 Stainless Steel, Add	*25.08*	
		For High Strength Steel (HSS), Add	*3.46*	
05 12 23 00-0488	LF	5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	18.15	6.63
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.12*	
		For >500 To 1,000, Deduct	*-1.79*	
		For >1,000, Deduct	*-2.47*	
		For Galvanized Steel, Add	*5.78*	
		For 304 Stainless Steel, Add	*26.56*	
		For High Strength Steel (HSS), Add	*3.63*	
05 12 23 00-0489	LF	5" x 5" x 5/16" Thick, Plain Steel Angle Iron	20.27	6.91
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000, Deduct	*-2.67*	
		For Galvanized Steel, Add	*6.86*	
		For 304 Stainless Steel, Add	*31.52*	
		For High Strength Steel (HSS), Add	*4.05*	
05 12 23 00-0490	LF	6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	20.09	7.19
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000, Deduct	*-2.71*	
		For Galvanized Steel, Add	*6.50*	
		For 304 Stainless Steel, Add	*29.90*	
		For High Strength Steel (HSS), Add	*4.02*	
05 12 23 00-0491		3/8" Thick *(05 12 23 00-0439)*		
05 12 23 00-0492	LF	3" x 2" x 3/8" Thick, Plain Steel Angle Iron	12.44	4.59
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.23*	
		For >1,000, Deduct	*-1.70*	
		For Galvanized Steel, Add	*3.92*	
		For 304 Stainless Steel, Add	*18.01*	
		For High Strength Steel (HSS), Add	*2.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0493	LF	3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	13.72	4.97
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.84*	
		For >500 To 1,000, Deduct	*-1.35*	
		For >1,000, Deduct	*-1.86*	
		For Galvanized Steel, Add	*4.40*	
		For 304 Stainless Steel, Add	*20.21*	
		For High Strength Steel (HSS), Add	*2.74*	
05 12 23 00-0494	LF	3" x 3" x 3/8" Thick, Plain Steel Angle Iron	14.84	5.35
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.91*	
		For >500 To 1,000, Deduct	*-1.46*	
		For >1,000, Deduct	*-2.00*	
		For Galvanized Steel, Add	*4.78*	
		For 304 Stainless Steel, Add	*21.97*	
		For High Strength Steel (HSS), Add	*2.97*	
05 12 23 00-0495	LF	3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	15.81	5.50
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.95*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000, Deduct	*-2.10*	
		For Galvanized Steel, Add	*5.26*	
		For 304 Stainless Steel, Add	*24.17*	
		For High Strength Steel (HSS), Add	*3.16*	
05 12 23 00-0496	LF	3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	16.84	5.81
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.00*	
		For >500 To 1,000, Deduct	*-1.62*	
		For >1,000, Deduct	*-2.23*	
		For Galvanized Steel, Add	*5.64*	
		For 304 Stainless Steel, Add	*25.94*	
		For High Strength Steel (HSS), Add	*3.37*	
05 12 23 00-0497	LF	4" x 3" x 3/8" Thick, Plain Steel Angle Iron	16.84	5.81
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.00*	
		For >500 To 1,000, Deduct	*-1.62*	
		For >1,000, Deduct	*-2.23*	
		For Galvanized Steel, Add	*5.64*	
		For 304 Stainless Steel, Add	*25.94*	
		For High Strength Steel (HSS), Add	*3.37*	
05 12 23 00-0498	LF	4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	18.17	6.32
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-1.75*	
		For >1,000, Deduct	*-2.42*	
		For Galvanized Steel, Add	*6.04*	
		For 304 Stainless Steel, Add	*27.76*	
		For High Strength Steel (HSS), Add	*3.63*	
05 12 23 00-0499	LF	4" x 4" x 3/8" Thick, Plain Steel Angle Iron	19.16	6.51
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.83*	
		For >1,000, Deduct	*-2.52*	
		For Galvanized Steel, Add	*6.50*	
		For 304 Stainless Steel, Add	*29.90*	
		For High Strength Steel (HSS), Add	*3.83*	
05 12 23 00-0500	LF	5" x 3" x 3/8" Thick, Plain Steel Angle Iron	19.51	6.76
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-1.88*	
		For >1,000, Deduct	*-2.59*	
		For Galvanized Steel, Add	*6.50*	
		For 304 Stainless Steel, Add	*29.90*	
		For High Strength Steel (HSS), Add	*3.90*	
05 12 23 00-0501	LF	5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	20.86	7.29
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.25*	
		For >500 To 1,000, Deduct	*-2.02*	
		For >1,000, Deduct	*-2.78*	
		For Galvanized Steel, Add	*6.91*	
		For 304 Stainless Steel, Add	*31.75*	
		For High Strength Steel (HSS), Add	*4.17*	
05 12 23 00-0502	LF	5" x 5" x 3/8" Thick, Plain Steel Angle Iron	24.53	8.49
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.46*	
		For >500 To 1,000, Deduct	*-2.36*	
		For >1,000, Deduct	*-3.26*	
		For Galvanized Steel, Add	*8.18*	
		For 304 Stainless Steel, Add	*37.62*	
		For High Strength Steel (HSS), Add	*4.91*	
05 12 23 00-0503	LF	6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	23.06	7.90
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.37*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-3.05*	
		For Galvanized Steel, Add	*7.77*	
		For 304 Stainless Steel, Add	*35.71*	
		For High Strength Steel (HSS), Add	*4.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0504	LF	6" x 4" x 3/8" Thick, Plain Steel Angle Iron	24.53	8.49
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.46*	
		For >500 To 1,000, Deduct	*-2.36*	
		For >1,000, Deduct	*-3.26*	
		For Galvanized Steel, Add	*8.18*	
		For 304 Stainless Steel, Add	*37.62*	
		For High Strength Steel (HSS), Add	*4.91*	
05 12 23 00-0505	LF	6" x 6" x 3/8" Thick, Plain Steel Angle Iron	29.58	10.19
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.76*	
		For >500 To 1,000, Deduct	*-2.84*	
		For >1,000, Deduct	*-3.92*	
		For Galvanized Steel, Add	*9.92*	
		For 304 Stainless Steel, Add	*45.60*	
		For High Strength Steel (HSS), Add	*5.92*	
05 12 23 00-0506	LF	7" x 4" x 3/8" Thick, Plain Steel Angle Iron	27.07	9.35
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.61*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-3.59*	
		For Galvanized Steel, Add	*9.05*	
		For 304 Stainless Steel, Add	*41.61*	
		For High Strength Steel (HSS), Add	*5.41*	

05 12 23 00-0507 1/2" Thick *(05 12 23 00-0439)*

05 12 23 00-0508	LF	3" x 3" x 1/2" Thick, Plain Steel Angle Iron	17.38	5.47
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.98*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.21*	
		For Galvanized Steel, Add	*6.26*	
		For 304 Stainless Steel, Add	*28.76*	
		For High Strength Steel (HSS), Add	*3.48*	
05 12 23 00-0509	LF	4" x 3" x 1/2" Thick, Plain Steel Angle Iron	20.53	6.46
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-1.89*	
		For >1,000, Deduct	*-2.62*	
		For Galvanized Steel, Add	*7.39*	
		For 304 Stainless Steel, Add	*33.97*	
		For High Strength Steel (HSS), Add	*4.11*	
05 12 23 00-0510	LF	4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	22.01	6.92
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.24*	
		For >500 To 1,000, Deduct	*-2.02*	
		For >1,000, Deduct	*-2.81*	
		For Galvanized Steel, Add	*7.92*	
		For 304 Stainless Steel, Add	*36.39*	
		For High Strength Steel (HSS), Add	*4.40*	
05 12 23 00-0511	LF	4" x 4" x 1/2" Thick, Plain Steel Angle Iron	23.67	7.45
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.34*	
		For >500 To 1,000, Deduct	*-2.18*	
		For >1,000, Deduct	*-3.02*	
		For Galvanized Steel, Add	*8.52*	
		For 304 Stainless Steel, Add	*39.16*	
		For High Strength Steel (HSS), Add	*4.73*	
05 12 23 00-0512	LF	5" x 3" x 1/2" Thick, Plain Steel Angle Iron	23.67	7.45
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.34*	
		For >500 To 1,000, Deduct	*-2.18*	
		For >1,000, Deduct	*-3.02*	
		For Galvanized Steel, Add	*8.52*	
		For 304 Stainless Steel, Add	*39.16*	
		For High Strength Steel (HSS), Add	*4.73*	
05 12 23 00-0513	LF	5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	25.15	7.91
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.42*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000, Deduct	*-3.21*	
		For Galvanized Steel, Add	*9.05*	
		For 304 Stainless Steel, Add	*41.61*	
		For High Strength Steel (HSS), Add	*5.03*	
05 12 23 00-0514	LF	5" x 5" x 1/2" Thick, Plain Steel Angle Iron	29.96	9.43
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1,000, Deduct	*-2.76*	
		For >1,000, Deduct	*-3.82*	
		For Galvanized Steel, Add	*10.78*	
		For 304 Stainless Steel, Add	*49.56*	
		For High Strength Steel (HSS), Add	*5.99*	
05 12 23 00-0515	LF	6" x 4" x 1/2" Thick, Plain Steel Angle Iron	29.96	9.43
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1,000, Deduct	*-2.76*	
		For >1,000, Deduct	*-3.82*	
		For Galvanized Steel, Add	*10.78*	
		For 304 Stainless Steel, Add	*49.56*	
		For High Strength Steel (HSS), Add	*5.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0516	LF	6" x 6" x 1/2" Thick, Plain Steel Angle Iron	36.25	11.40
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-2.05*	
		For >500 To 1,000, Deduct	*-3.33*	
		For >1,000, Deduct	*-4.62*	
		For Galvanized Steel, Add	*13.04*	
		For 304 Stainless Steel, Add	*59.96*	
		For High Strength Steel (HSS), Add	*7.25*	
05 12 23 00-0517	LF	7" x 4" x 1/2" Thick, Plain Steel Angle Iron	33.10	10.41
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.87*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000, Deduct	*-4.22*	
		For Galvanized Steel, Add	*11.91*	
		For 304 Stainless Steel, Add	*54.75*	
		For High Strength Steel (HSS), Add	*6.62*	
05 12 23 00-0518	LF	8" x 4" x 1/2" Thick, Plain Steel Angle Iron	36.25	11.40
		For >100 To 250, Deduct	*-1.14*	
		For >250 To 500, Deduct	*-2.05*	
		For >500 To 1,000, Deduct	*-3.33*	
		For >1,000, Deduct	*-4.62*	
		For Galvanized Steel, Add	*13.04*	
		For 304 Stainless Steel, Add	*59.96*	
		For High Strength Steel (HSS), Add	*7.25*	
05 12 23 00-0519	LF	8" x 6" x 1/2" Thick, Plain Steel Angle Iron	42.54	13.39
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.40*	
		For >500 To 1,000, Deduct	*-3.91*	
		For >1,000, Deduct	*-5.42*	
		For Galvanized Steel, Add	*15.31*	
		For 304 Stainless Steel, Add	*70.37*	
		For High Strength Steel (HSS), Add	*8.51*	
05 12 23 00-0520	LF	8" x 8" x 1/2" Thick, Plain Steel Angle Iron	48.83	15.36
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-2.76*	
		For >500 To 1,000, Deduct	*-4.49*	
		For >1,000, Deduct	*-6.22*	
		For Galvanized Steel, Add	*17.57*	
		For 304 Stainless Steel, Add	*80.77*	
		For High Strength Steel (HSS), Add	*9.77*	

05 12 23 00-0521 5/8" Thick *(05 12 23 00-0439)*

05 12 23 00-0522	LF	4" x 4" x 5/8" Thick, Plain Steel Angle Iron	28.23	8.54
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.56*	
		For >500 To 1,000, Deduct	*-2.55*	
		For >1,000, Deduct	*-3.54*	
		For Galvanized Steel, Add	*10.45*	
		For High Strength Steel (HSS), Add	*5.65*	
05 12 23 00-0523	LF	5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	30.22	9.14
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.67*	
		For >500 To 1,000, Deduct	*-2.73*	
		For >1,000, Deduct	*-3.79*	
		For Galvanized Steel, Add	*11.18*	
		For High Strength Steel (HSS), Add	*6.04*	
05 12 23 00-0524	LF	5" x 5" x 5/8" Thick, Plain Steel Angle Iron	35.97	10.88
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-3.25*	
		For >1,000, Deduct	*-4.51*	
		For Galvanized Steel, Add	*13.31*	
		For High Strength Steel (HSS), Add	*7.19*	
05 12 23 00-0525	LF	6" x 4" x 5/8" Thick, Plain Steel Angle Iron	35.97	10.88
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-3.25*	
		For >1,000, Deduct	*-4.51*	
		For Galvanized Steel, Add	*13.31*	
		For High Strength Steel (HSS), Add	*7.19*	
05 12 23 00-0526	LF	6" x 6" x 5/8" Thick, Plain Steel Angle Iron	43.53	13.16
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-2.40*	
		For >500 To 1,000, Deduct	*-3.93*	
		For >1,000, Deduct	*-5.46*	
		For Galvanized Steel, Add	*16.11*	
		For High Strength Steel (HSS), Add	*8.71*	
05 12 23 00-0527	LF	7" x 4" x 5/8" Thick, Plain Steel Angle Iron	39.75	12.02
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.20*	
		For >500 To 1,000, Deduct	*-3.59*	
		For >1,000, Deduct	*-4.99*	
		For Galvanized Steel, Add	*14.71*	
		For High Strength Steel (HSS), Add	*7.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0528	LF	8" x 6" x 5/8" Thick, Plain Steel Angle Iron	51.26	15.50
		For >100 To 250, Deduct	*-1.55*	
		For >250 To 500, Deduct	*-2.83*	
		For >500 To 1,000, Deduct	*-4.63*	
		For >1,000, Deduct	*-6.43*	
		For Galvanized Steel, Add	*18.97*	
		For High Strength Steel (HSS), Add	*10.25*	
05 12 23 00-0529	LF	8" x 8" x 5/8" Thick, Plain Steel Angle Iron	58.83	17.78
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-3.25*	
		For >500 To 1,000, Deduct	*-5.31*	
		For >1,000, Deduct	*-7.38*	
		For Galvanized Steel, Add	*21.77*	
		For High Strength Steel (HSS), Add	*11.77*	
05 12 23 00-0530		3/4" Thick *(05 12 23 00-0439)*		
05 12 23 00-0531	LF	4" x 4" x 3/4" Thick, Plain Steel Angle Iron	32.45	9.44
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.75*	
		For >500 To 1,000, Deduct	*-2.88*	
		For >1,000, Deduct	*-4.01*	
		For Galvanized Steel, Add	*12.32*	
		For High Strength Steel (HSS), Add	*6.49*	
05 12 23 00-0532	LF	5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	34.71	10.10
		For >100 To 250, Deduct	*-1.01*	
		For >250 To 500, Deduct	*-1.88*	
		For >500 To 1,000, Deduct	*-3.08*	
		For >1,000, Deduct	*-4.29*	
		For Galvanized Steel, Add	*13.18*	
		For High Strength Steel (HSS), Add	*6.94*	
05 12 23 00-0533	LF	5" x 5" x 3/4" Thick, Plain Steel Angle Iron	41.38	12.03
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.24*	
		For >500 To 1,000, Deduct	*-3.67*	
		For >1,000, Deduct	*-5.11*	
		For Galvanized Steel, Add	*15.71*	
		For High Strength Steel (HSS), Add	*8.28*	
05 12 23 00-0534	LF	6" x 4" x 3/4" Thick, Plain Steel Angle Iron	41.38	12.03
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.24*	
		For >500 To 1,000, Deduct	*-3.67*	
		For >1,000, Deduct	*-5.11*	
		For Galvanized Steel, Add	*15.71*	
		For High Strength Steel (HSS), Add	*8.28*	
05 12 23 00-0535	LF	6" x 6" x 3/4" Thick, Plain Steel Angle Iron	50.33	14.63
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.72*	
		For >500 To 1,000, Deduct	*-4.47*	
		For >1,000, Deduct	*-6.21*	
		For Galvanized Steel, Add	*19.10*	
		For High Strength Steel (HSS), Add	*10.07*	
05 12 23 00-0536	LF	7" x 4" x 3/4" Thick, Plain Steel Angle Iron	45.93	13.36
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.48*	
		For >500 To 1,000, Deduct	*-4.08*	
		For >1,000, Deduct	*-5.67*	
		For Galvanized Steel, Add	*17.43*	
		For High Strength Steel (HSS), Add	*9.19*	
05 12 23 00-0537	LF	8" x 4" x 3/4" Thick, Plain Steel Angle Iron	50.33	14.63
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.72*	
		For >500 To 1,000, Deduct	*-4.47*	
		For >1,000, Deduct	*-6.21*	
		For Galvanized Steel, Add	*19.10*	
		For High Strength Steel (HSS), Add	*10.07*	
05 12 23 00-0538	LF	8" x 6" x 3/4" Thick, Plain Steel Angle Iron	59.27	17.24
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-3.21*	
		For >500 To 1,000, Deduct	*-5.26*	
		For >1,000, Deduct	*-7.32*	
		For Galvanized Steel, Add	*22.50*	
		For High Strength Steel (HSS), Add	*11.85*	
05 12 23 00-0539	LF	8" x 8" x 3/4" Thick, Plain Steel Angle Iron	68.21	19.83
		For >100 To 250, Deduct	*-1.98*	
		For >250 To 500, Deduct	*-3.69*	
		For >500 To 1,000, Deduct	*-6.06*	
		For >1,000, Deduct	*-8.42*	
		For Galvanized Steel, Add	*25.89*	
		For High Strength Steel (HSS), Add	*13.64*	
05 12 23 00-0540		7/8" Thick *(05 12 23 00-0439)*		
05 12 23 00-0541	LF	5" x 5" x 7/8" Thick, Plain Steel Angle Iron	46.45	12.94
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.46*	
		For >500 To 1,000, Deduct	*-4.05*	
		For >1,000, Deduct	*-5.64*	
		For Galvanized Steel, Add	*18.10*	
		For High Strength Steel (HSS), Add	*9.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0542	LF	6" x 4" x 7/8" Thick, Plain Steel Angle Iron	46.45	12.94
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.46*	
		For >500 To 1,000, Deduct	*-4.05*	
		For >1,000, Deduct	*-5.64*	
		For Galvanized Steel, Add	*18.10*	
		For High Strength Steel (HSS), Add	*9.29*	
05 12 23 00-0543	LF	6" x 6" x 7/8" Thick, Plain Steel Angle Iron	56.53	15.76
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.99*	
		For >500 To 1,000, Deduct	*-4.93*	
		For >1,000, Deduct	*-6.86*	
		For Galvanized Steel, Add	*22.03*	
		For High Strength Steel (HSS), Add	*11.31*	
05 12 23 00-0544	LF	8" x 6" x 7/8" Thick, Plain Steel Angle Iron	66.79	18.60
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-3.53*	
		For >500 To 1,000, Deduct	*-5.82*	
		For >1,000, Deduct	*-8.11*	
		For Galvanized Steel, Add	*26.03*	
		For High Strength Steel (HSS), Add	*13.36*	
05 12 23 00-0545	LF	8" x 8" x 7/8" Thick, Plain Steel Angle Iron	76.86	21.42
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-4.06*	
		For >500 To 1,000, Deduct	*-6.70*	
		For >1,000, Deduct	*-9.33*	
		For Galvanized Steel, Add	*29.95*	
		For High Strength Steel (HSS), Add	*15.37*	

05 12 23 00-0546 Bar Channel *(05 12 23 00-0438)*

05 12 23 00-0547	LF	1" x 1/2" x 1/8" Thick Bar Channel	4.03	
		For 316 Stainless Steel, Add	*3.74*	
		For Aluminum, Add	*0.21*	
		For Galvanized Steel, Add	*0.73*	
		For 304 Stainless Steel, Add	*3.33*	
		For High Strength Steel (HSS), Add	*0.81*	
05 12 23 00-0548	LF	1-1/4" x 1/2" x 1/8" Thick Bar Channel	4.51	
		For 316 Stainless Steel, Add	*4.48*	
		For Aluminum, Add	*0.25*	
		For Galvanized Steel, Add	*0.87*	
		For 304 Stainless Steel, Add	*3.99*	
		For High Strength Steel (HSS), Add	*0.90*	
05 12 23 00-0549	LF	1-1/2" x 1/2" x 1/8" Thick Bar Channel	4.91	
		For 316 Stainless Steel, Add	*4.96*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.96*	
		For 304 Stainless Steel, Add	*4.42*	
		For High Strength Steel (HSS), Add	*0.98*	
05 12 23 00-0550	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel	5.63	
		For 316 Stainless Steel, Add	*5.15*	
		For Aluminum, Add	*0.29*	
		For Galvanized Steel, Add	*1.00*	
		For 304 Stainless Steel, Add	*4.59*	
		For High Strength Steel (HSS), Add	*1.13*	
05 12 23 00-0551	LF	2" x 1/2" x 1/8" Thick Bar Channel	6.00	
		For 316 Stainless Steel, Add	*6.34*	
		For Aluminum, Add	*0.36*	
		For Galvanized Steel, Add	*1.23*	
		For 304 Stainless Steel, Add	*5.64*	
05 12 23 00-0552	LF	2" x 1" x 1/8" Thick Bar Channel	7.96	
		For 316 Stainless Steel, Add	*7.07*	
		For Aluminum, Add	*0.40*	
		For Galvanized Steel, Add	*1.37*	
		For 304 Stainless Steel, Add	*6.30*	

05 12 23 00-0553 Channels - C *(05 12 23 00-0438)*

05 12 23 00-0554	LF	C2 x 1.78 - 2" Wide Channel	6.61	3.54
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-0.80*	
		For >1,000, Deduct	*-1.09*	
		For 316 Stainless Steel, Add	*6.02*	
		For Aluminum, Add	*0.34*	
		For Galvanized Steel, Add	*1.17*	
		For 304 Stainless Steel, Add	*5.36*	
05 12 23 00-0555	LF	C3 x 4.1 - 3" Wide Channel	11.20	5.09
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1,000, Deduct	*-1.24*	
		For >1,000, Deduct	*-1.69*	
		For 316 Stainless Steel, Add	*14.08*	
		For Aluminum, Add	*0.79*	
		For Galvanized Steel, Add	*2.73*	
		For 304 Stainless Steel, Add	*12.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0556	LF	C3 x 5 - 3" Wide Channel	13.66	6.22
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.51*	
		For >1,000, Deduct	*-2.06*	
		For 316 Stainless Steel, Add	*17.18*	
		For Aluminum, Add	*0.97*	
		For Galvanized Steel, Add	*3.33*	
		For 304 Stainless Steel, Add	*15.30*	
05 12 23 00-0557	LF	C3 x 6 - 3" Wide Channel	16.39	7.46
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.16*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.47*	
		For 316 Stainless Steel, Add	*20.61*	
		For Aluminum, Add	*1.16*	
		For Galvanized Steel, Add	*3.99*	
		For 304 Stainless Steel, Add	*18.35*	
05 12 23 00-0558	LF	C4 x 5.4 - 4" Wide Channel	13.96	6.12
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-0.96*	
		For >500 To 1,000, Deduct	*-1.51*	
		For >1,000, Deduct	*-2.07*	
		For 316 Stainless Steel, Add	*18.56*	
		For Aluminum, Add	*1.04*	
		For Galvanized Steel, Add	*3.60*	
		For 304 Stainless Steel, Add	*16.53*	
05 12 23 00-0559	LF	C4 x 7.25 - 4" Wide Channel	18.73	8.21
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.29*	
		For >500 To 1,000, Deduct	*-2.03*	
		For >1,000, Deduct	*-2.77*	
		For 316 Stainless Steel, Add	*24.90*	
		For Aluminum, Add	*1.40*	
		For Galvanized Steel, Add	*4.82*	
		For 304 Stainless Steel, Add	*22.17*	
05 12 23 00-0560	LF	C5 x 6.7 - 5" Wide Channel	16.71	7.13
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.13*	
		For >500 To 1,000, Deduct	*-1.79*	
		For >1,000, Deduct	*-2.44*	
		For 316 Stainless Steel, Add	*23.01*	
		For Aluminum, Add	*1.29*	
		For Galvanized Steel, Add	*4.46*	
		For 304 Stainless Steel, Add	*20.49*	
05 12 23 00-0561	LF	C5 x 9 - 5" Wide Channel	22.44	9.59
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000, Deduct	*-3.28*	
		For 316 Stainless Steel, Add	*30.91*	
		For Aluminum, Add	*1.74*	
		For Galvanized Steel, Add	*5.99*	
		For 304 Stainless Steel, Add	*27.53*	
05 12 23 00-0562	LF	C6 x 8.2 - 6" Wide Channel	20.22	8.56
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000, Deduct	*-2.94*	
		For 316 Stainless Steel, Add	*28.16*	
		For Aluminum, Add	*1.58*	
		For Galvanized Steel, Add	*5.46*	
		For 304 Stainless Steel, Add	*25.08*	
05 12 23 00-0563	LF	C6 x 10.5 - 6" Wide Channel	25.89	10.97
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.74*	
		For >500 To 1,000, Deduct	*-2.76*	
		For >1,000, Deduct	*-3.77*	
		For 316 Stainless Steel, Add	*36.06*	
		For Aluminum, Add	*2.03*	
		For Galvanized Steel, Add	*6.99*	
		For 304 Stainless Steel, Add	*32.12*	
05 12 23 00-0564	LF	C6 x 13 - 6" Wide Channel	32.06	13.57
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.16*	
		For >500 To 1,000, Deduct	*-3.41*	
		For >1,000, Deduct	*-4.67*	
		For 316 Stainless Steel, Add	*44.64*	
		For Aluminum, Add	*2.51*	
		For Galvanized Steel, Add	*8.65*	
		For 304 Stainless Steel, Add	*39.76*	
05 12 23 00-0565	LF	C7 x 9.8 - 7" Wide Channel	24.11	10.19
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000, Deduct	*-3.51*	
		For 316 Stainless Steel, Add	*33.66*	
		For Aluminum, Add	*1.89*	
		For Galvanized Steel, Add	*6.52*	
		For 304 Stainless Steel, Add	*29.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0566	LF	C7 x 12.25 - 7" Wide Channel	30.14	12.75
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-2.03*	
		For >500 To 1,000, Deduct	*-3.21*	
		For >1,000, Deduct	*-4.38*	
		For 316 Stainless Steel, Add	*42.08*	
		For Aluminum, Add	*2.37*	
		For Galvanized Steel, Add	*8.15*	
		For 304 Stainless Steel, Add	*37.48*	
05 12 23 00-0567	LF	C7 x 14.75 - 7" Wide Channel	36.30	15.34
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-2.44*	
		For >500 To 1,000, Deduct	*-3.86*	
		For >1,000, Deduct	*-5.28*	
		For 316 Stainless Steel, Add	*50.66*	
		For Aluminum, Add	*2.85*	
		For Galvanized Steel, Add	*9.81*	
		For 304 Stainless Steel, Add	*45.12*	
05 12 23 00-0568	LF	C8 x 11.5 - 8" Wide Channel	27.30	11.22
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-1.80*	
		For >500 To 1,000, Deduct	*-2.86*	
		For >1,000, Deduct	*-3.92*	
		For 316 Stainless Steel, Add	*39.49*	
		For Aluminum, Add	*2.22*	
		For Galvanized Steel, Add	*7.65*	
		For 304 Stainless Steel, Add	*35.17*	
05 12 23 00-0569	LF	C8 x 13.75 - 8" Wide Channel	32.64	13.41
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.16*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-4.68*	
		For 316 Stainless Steel, Add	*47.23*	
		For Aluminum, Add	*2.66*	
		For Galvanized Steel, Add	*9.15*	
		For 304 Stainless Steel, Add	*42.07*	
05 12 23 00-0570	LF	C8 x 18.75 - 8" Wide Channel	44.50	18.29
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.94*	
		For >500 To 1,000, Deduct	*-4.66*	
		For >1,000, Deduct	*-6.39*	
		For 316 Stainless Steel, Add	*64.38*	
		For Aluminum, Add	*3.62*	
		For Galvanized Steel, Add	*12.47*	
		For 304 Stainless Steel, Add	*57.34*	
05 12 23 00-0571	LF	C9 x 13.4 - 9" Wide Channel	31.81	13.07
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-3.33*	
		For >1,000, Deduct	*-4.56*	
		For 316 Stainless Steel, Add	*46.02*	
		For Aluminum, Add	*2.59*	
		For Galvanized Steel, Add	*8.92*	
		For 304 Stainless Steel, Add	*40.98*	
05 12 23 00-0572	LF	C9 x 15 - 9" Wide Channel	35.61	14.63
		For >100 To 250, Deduct	*-1.46*	
		For >250 To 500, Deduct	*-2.35*	
		For >500 To 1,000, Deduct	*-3.73*	
		For >1,000, Deduct	*-5.11*	
		For 316 Stainless Steel, Add	*51.52*	
		For Aluminum, Add	*2.90*	
		For Galvanized Steel, Add	*9.98*	
		For 304 Stainless Steel, Add	*45.89*	
05 12 23 00-0573	LF	C9 x 20 - 9" Wide Channel	47.48	19.51
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-3.14*	
		For >500 To 1,000, Deduct	*-4.98*	
		For >1,000, Deduct	*-6.81*	
		For 316 Stainless Steel, Add	*68.70*	
		For Aluminum, Add	*3.86*	
		For Galvanized Steel, Add	*13.31*	
		For 304 Stainless Steel, Add	*61.19*	
05 12 23 00-0574	LF	C10 x 15.3 - 10" Wide Channel	36.31	14.92
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.40*	
		For >500 To 1,000, Deduct	*-3.80*	
		For >1,000, Deduct	*-5.21*	
		For 316 Stainless Steel, Add	*52.54*	
		For Aluminum, Add	*2.96*	
		For Galvanized Steel, Add	*10.18*	
		For 304 Stainless Steel, Add	*46.80*	
05 12 23 00-0575	LF	C10 x 20 - 10" Wide Channel	47.48	19.51
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-3.14*	
		For >500 To 1,000, Deduct	*-4.98*	
		For >1,000, Deduct	*-6.81*	
		For 316 Stainless Steel, Add	*68.70*	
		For Aluminum, Add	*3.86*	
		For Galvanized Steel, Add	*13.31*	
		For 304 Stainless Steel, Add	*61.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0576	LF	C10 x 25 - 10" Wide Channel	59.34	24.38
		For >100 To 250, Deduct	*-2.44*	
		For >250 To 500, Deduct	*-3.92*	
		For >500 To 1,000, Deduct	*-6.22*	
		For >1,000, Deduct	*-8.51*	
		For 316 Stainless Steel, Add	*85.86*	
		For Aluminum, Add	*4.83*	
		For Galvanized Steel, Add	*16.63*	
		For 304 Stainless Steel, Add	*76.47*	
05 12 23 00-0577	LF	C10 x 30 - 10" Wide Channel	71.21	29.26
		For >100 To 250, Deduct	*-2.93*	
		For >250 To 500, Deduct	*-4.71*	
		For >500 To 1,000, Deduct	*-7.46*	
		For >1,000, Deduct	*-10.22*	
		For 316 Stainless Steel, Add	*103.04*	
		For Aluminum, Add	*5.80*	
		For Galvanized Steel, Add	*19.96*	
		For 304 Stainless Steel, Add	*91.77*	
05 12 23 00-0578	LF	C12 x 20.7 - 12" Wide Channel	49.15	20.19
		For >100 To 250, Deduct	*-2.02*	
		For >250 To 500, Deduct	*-3.25*	
		For >500 To 1,000, Deduct	*-5.15*	
		For >1,000, Deduct	*-7.05*	
		For 316 Stainless Steel, Add	*71.10*	
		For Aluminum, Add	*4.00*	
		For Galvanized Steel, Add	*13.78*	
		For 304 Stainless Steel, Add	*63.33*	
05 12 23 00-0579	LF	C12 x 25 - 12" Wide Channel	59.34	24.38
		For >100 To 250, Deduct	*-2.44*	
		For >250 To 500, Deduct	*-3.92*	
		For >500 To 1,000, Deduct	*-6.22*	
		For >1,000, Deduct	*-8.51*	
		For 316 Stainless Steel, Add	*85.86*	
		For Aluminum, Add	*4.83*	
		For Galvanized Steel, Add	*16.63*	
		For 304 Stainless Steel, Add	*76.47*	
05 12 23 00-0580	LF	C12 x 30 - 12" Wide Channel	71.21	29.26
		For >100 To 250, Deduct	*-2.93*	
		For >250 To 500, Deduct	*-4.71*	
		For >500 To 1,000, Deduct	*-7.46*	
		For >1,000, Deduct	*-10.22*	
		For 316 Stainless Steel, Add	*103.04*	
		For Aluminum, Add	*5.80*	
		For Galvanized Steel, Add	*19.96*	
		For 304 Stainless Steel, Add	*91.77*	
05 12 23 00-0581	LF	C15 x 33.9 - 15" Wide Channel	80.48	33.06
		For >100 To 250, Deduct	*-3.31*	
		For >250 To 500, Deduct	*-5.32*	
		For >500 To 1,000, Deduct	*-8.43*	
		For >1,000, Deduct	*-11.55*	
		For 316 Stainless Steel, Add	*116.45*	
		For Aluminum, Add	*6.55*	
		For Galvanized Steel, Add	*22.56*	
		For 304 Stainless Steel, Add	*103.71*	
05 12 23 00-0582	LF	C15 x 40 - 15" Wide Channel	94.95	39.01
		For >100 To 250, Deduct	*-3.90*	
		For >250 To 500, Deduct	*-6.28*	
		For >500 To 1,000, Deduct	*-9.95*	
		For >1,000, Deduct	*-13.62*	
		For 316 Stainless Steel, Add	*137.38*	
		For Aluminum, Add	*7.73*	
		For Galvanized Steel, Add	*26.62*	
		For 304 Stainless Steel, Add	*122.35*	
05 12 23 00-0583	LF	C15 x 50 - 15" Wide Channel	118.70	48.77
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-7.84*	
		For >500 To 1,000, Deduct	*-12.44*	
		For >1,000, Deduct	*-17.03*	
		For 316 Stainless Steel, Add	*171.74*	
		For Aluminum, Add	*9.66*	
		For Galvanized Steel, Add	*33.28*	
		For 304 Stainless Steel, Add	*152.96*	

05 12 23 00-0584 Miscellaneous Channels - MC *(05 12 23 00-0438)*

05 12 23 00-0585	LF	MC6 x 12 - 6" Wide Channel	29.59	12.54
		For >100 To 250, Deduct	*-1.25*	
		For >250 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-3.15*	
		For >1,000, Deduct	*-4.31*	
		For 316 Stainless Steel, Add	*41.22*	
		For Aluminum, Add	*2.32*	
		For Galvanized Steel, Add	*7.99*	
		For 304 Stainless Steel, Add	*36.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0586	LF	MC6 x 15.1 - 6" Wide Channel	37.24	15.77
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.51*	
		For >500 To 1,000, Deduct	*-3.97*	
		For >1,000, Deduct	*-5.42*	
		For 316 Stainless Steel, Add	*51.87*	
		For Aluminum, Add	*2.92*	
		For Galvanized Steel, Add	*10.05*	
		For 304 Stainless Steel, Add	*46.20*	
05 12 23 00-0587	LF	MC6 x 15.3 - 6" Wide Channel	37.73	15.98
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.02*	
		For >1,000, Deduct	*-5.49*	
		For 316 Stainless Steel, Add	*52.54*	
		For Aluminum, Add	*2.96*	
		For Galvanized Steel, Add	*10.18*	
		For 304 Stainless Steel, Add	*46.80*	
05 12 23 00-0588	LF	MC6 x 16.3 - 6" Wide Channel	40.20	17.02
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.71*	
		For >500 To 1,000, Deduct	*-4.28*	
		For >1,000, Deduct	*-5.85*	
		For 316 Stainless Steel, Add	*55.97*	
		For Aluminum, Add	*3.15*	
		For Galvanized Steel, Add	*10.84*	
		For 304 Stainless Steel, Add	*49.85*	
05 12 23 00-0589	LF	MC6 x 18 - 6" Wide Channel	44.39	18.80
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.99*	
		For >500 To 1,000, Deduct	*-4.73*	
		For >1,000, Deduct	*-6.46*	
		For 316 Stainless Steel, Add	*61.82*	
		For Aluminum, Add	*3.48*	
		For Galvanized Steel, Add	*11.98*	
		For 304 Stainless Steel, Add	*55.06*	
05 12 23 00-0590	LF	MC7 x 17.6 - 7" Wide Channel	43.31	18.32
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-2.91*	
		For >500 To 1,000, Deduct	*-4.61*	
		For >1,000, Deduct	*-6.30*	
		For 316 Stainless Steel, Add	*60.45*	
		For Aluminum, Add	*3.40*	
		For Galvanized Steel, Add	*11.71*	
		For 304 Stainless Steel, Add	*53.84*	
05 12 23 00-0591	LF	MC7 x 19.1 - 7" Wide Channel	47.00	19.88
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-3.16*	
		For >500 To 1,000, Deduct	*-5.00*	
		For >1,000, Deduct	*-6.84*	
		For 316 Stainless Steel, Add	*65.60*	
		For Aluminum, Add	*3.69*	
		For Galvanized Steel, Add	*12.71*	
		For 304 Stainless Steel, Add	*58.43*	
05 12 23 00-0592	LF	MC7 x 22.7 - 7" Wide Channel	55.85	23.62
		For >100 To 250, Deduct	*-2.36*	
		For >250 To 500, Deduct	*-3.76*	
		For >500 To 1,000, Deduct	*-5.94*	
		For >1,000, Deduct	*-8.13*	
		For 316 Stainless Steel, Add	*77.95*	
		For Aluminum, Add	*4.38*	
		For Galvanized Steel, Add	*15.10*	
		For 304 Stainless Steel, Add	*69.43*	
05 12 23 00-0593	LF	MC8 x 8.5 - 8" Wide Channel	20.18	8.29
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000, Deduct	*-2.90*	
		For 316 Stainless Steel, Add	*29.18*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.65*	
		For 304 Stainless Steel, Add	*25.99*	
05 12 23 00-0594	LF	MC8 x 18.7 - 8" Wide Channel	44.39	18.24
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-2.93*	
		For >500 To 1,000, Deduct	*-4.65*	
		For >1,000, Deduct	*-6.37*	
		For 316 Stainless Steel, Add	*64.22*	
		For Aluminum, Add	*3.61*	
		For Galvanized Steel, Add	*12.44*	
		For 304 Stainless Steel, Add	*57.20*	
05 12 23 00-0595	LF	MC8 x 20 - 8" Wide Channel	47.48	19.51
		For >100 To 250, Deduct	*-1.95*	
		For >250 To 500, Deduct	*-3.14*	
		For >500 To 1,000, Deduct	*-4.98*	
		For >1,000, Deduct	*-6.81*	
		For 316 Stainless Steel, Add	*68.70*	
		For Aluminum, Add	*3.86*	
		For Galvanized Steel, Add	*13.31*	
		For 304 Stainless Steel, Add	*61.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0596	LF	MC8 x 21.4 - 8" Wide Channel	50.81	20.88
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-3.36*	
		For >500 To 1,000, Deduct	*-5.32*	
		For >1,000, Deduct	*-7.29*	
		For 316 Stainless Steel, Add	*73.50*	
		For Aluminum, Add	*4.13*	
		For Galvanized Steel, Add	*14.24*	
		For 304 Stainless Steel, Add	*65.46*	
05 12 23 00-0597	LF	MC8 x 22.8 - 8" Wide Channel	54.12	22.25
		For >100 To 250, Deduct	*-2.22*	
		For >250 To 500, Deduct	*-3.58*	
		For >500 To 1,000, Deduct	*-5.67*	
		For >1,000, Deduct	*-7.77*	
		For 316 Stainless Steel, Add	*78.30*	
		For Aluminum, Add	*4.40*	
		For Galvanized Steel, Add	*15.17*	
		For 304 Stainless Steel, Add	*69.74*	
05 12 23 00-0598	LF	MC9 x 23.9 - 9" Wide Channel	56.73	23.31
		For >100 To 250, Deduct	*-2.33*	
		For >250 To 500, Deduct	*-3.75*	
		For >500 To 1,000, Deduct	*-5.94*	
		For >1,000, Deduct	*-8.14*	
		For 316 Stainless Steel, Add	*82.08*	
		For Aluminum, Add	*4.62*	
		For Galvanized Steel, Add	*15.90*	
		For 304 Stainless Steel, Add	*73.10*	
05 12 23 00-0599	LF	MC9 x 25.4 - 9" Wide Channel	60.29	24.77
		For >100 To 250, Deduct	*-2.48*	
		For >250 To 500, Deduct	*-3.98*	
		For >500 To 1,000, Deduct	*-6.32*	
		For >1,000, Deduct	*-8.65*	
		For 316 Stainless Steel, Add	*87.23*	
		For Aluminum, Add	*4.91*	
		For Galvanized Steel, Add	*16.90*	
		For 304 Stainless Steel, Add	*77.69*	
05 12 23 00-0600	LF	MC10 x 6.5 - 10" Wide Channel	15.43	6.34
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1,000, Deduct	*-1.62*	
		For >1,000, Deduct	*-2.21*	
		For 316 Stainless Steel, Add	*22.34*	
		For Aluminum, Add	*1.26*	
		For Galvanized Steel, Add	*4.33*	
		For 304 Stainless Steel, Add	*19.89*	
05 12 23 00-0601	LF	MC10 x 8.4 - 10" Wide Channel	19.95	8.19
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000, Deduct	*-2.86*	
		For 316 Stainless Steel, Add	*28.86*	
		For Aluminum, Add	*1.62*	
		For Galvanized Steel, Add	*5.59*	
		For 304 Stainless Steel, Add	*25.71*	
05 12 23 00-0602	LF	MC10 x 21.9 - 10" Wide Channel	51.98	21.36
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-3.43*	
		For >500 To 1,000, Deduct	*-5.45*	
		For >1,000, Deduct	*-7.46*	
		For 316 Stainless Steel, Add	*75.23*	
		For Aluminum, Add	*4.23*	
		For Galvanized Steel, Add	*14.58*	
		For 304 Stainless Steel, Add	*67.00*	
05 12 23 00-0603	LF	MC10 x 24.9 - 10" Wide Channel	59.12	24.29
		For >100 To 250, Deduct	*-2.43*	
		For >250 To 500, Deduct	*-3.91*	
		For >500 To 1,000, Deduct	*-6.20*	
		For >1,000, Deduct	*-8.48*	
		For 316 Stainless Steel, Add	*85.54*	
		For Aluminum, Add	*4.81*	
		For Galvanized Steel, Add	*16.57*	
		For 304 Stainless Steel, Add	*76.18*	
05 12 23 00-0604	LF	MC10 x 25.3 - 10" Wide Channel	60.05	24.68
		For >100 To 250, Deduct	*-2.47*	
		For >250 To 500, Deduct	*-3.97*	
		For >500 To 1,000, Deduct	*-6.29*	
		For >1,000, Deduct	*-8.62*	
		For 316 Stainless Steel, Add	*86.88*	
		For Aluminum, Add	*4.89*	
		For Galvanized Steel, Add	*16.83*	
		For 304 Stainless Steel, Add	*77.38*	
05 12 23 00-0605	LF	MC10 x 28.3 - 10" Wide Channel	67.18	27.60
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.44*	
		For >500 To 1,000, Deduct	*-7.04*	
		For >1,000, Deduct	*-9.64*	
		For 316 Stainless Steel, Add	*97.18*	
		For Aluminum, Add	*5.47*	
		For Galvanized Steel, Add	*18.83*	
		For 304 Stainless Steel, Add	*86.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0606	LF	MC10 x 28.5 - 10" Wide Channel	67.66	27.80
		For >100 To 250, Deduct	*-2.78*	
		For >250 To 500, Deduct	*-4.47*	
		For >500 To 1,000, Deduct	*-7.09*	
		For >1,000, Deduct	*-9.71*	
		For 316 Stainless Steel, Add	*97.89*	
		For Aluminum, Add	*5.51*	
		For Galvanized Steel, Add	*18.97*	
		For 304 Stainless Steel, Add	*87.18*	
05 12 23 00-0607	LF	MC10 x 33.6 - 10" Wide Channel	79.76	32.77
		For >100 To 250, Deduct	*-3.28*	
		For >250 To 500, Deduct	*-5.27*	
		For >500 To 1,000, Deduct	*-8.36*	
		For >1,000, Deduct	*-11.44*	
		For 316 Stainless Steel, Add	*115.39*	
		For Aluminum, Add	*6.49*	
		For Galvanized Steel, Add	*22.36*	
		For 304 Stainless Steel, Add	*102.77*	
05 12 23 00-0608	LF	MC10 x 41.1 - 10" Wide Channel	97.56	40.09
		For >100 To 250, Deduct	*-4.01*	
		For >250 To 500, Deduct	*-6.45*	
		For >500 To 1,000, Deduct	*-10.22*	
		For >1,000, Deduct	*-14.00*	
		For 316 Stainless Steel, Add	*141.15*	
		For Aluminum, Add	*7.94*	
		For Galvanized Steel, Add	*27.35*	
		For 304 Stainless Steel, Add	*125.71*	
05 12 23 00-0609	LF	MC12 x 30.9 - 12" Wide Channel	73.36	30.13
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-4.85*	
		For >500 To 1,000, Deduct	*-7.69*	
		For >1,000, Deduct	*-10.53*	
		For 316 Stainless Steel, Add	*106.14*	
		For Aluminum, Add	*5.97*	
		For Galvanized Steel, Add	*20.57*	
		For 304 Stainless Steel, Add	*94.53*	
05 12 23 00-0610	LF	MC12 x 32.9 - 12" Wide Channel	78.10	32.09
		For >100 To 250, Deduct	*-3.21*	
		For >250 To 500, Deduct	*-5.16*	
		For >500 To 1,000, Deduct	*-8.18*	
		For >1,000, Deduct	*-11.21*	
		For 316 Stainless Steel, Add	*112.99*	
		For Aluminum, Add	*6.36*	
		For Galvanized Steel, Add	*21.89*	
		For 304 Stainless Steel, Add	*100.63*	
05 12 23 00-0611	LF	MC12 x 35 - 12" Wide Channel	83.09	34.14
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 500, Deduct	*-5.49*	
		For >500 To 1,000, Deduct	*-8.71*	
		For >1,000, Deduct	*-11.92*	
		For 316 Stainless Steel, Add	*120.22*	
		For Aluminum, Add	*6.76*	
		For Galvanized Steel, Add	*23.29*	
		For 304 Stainless Steel, Add	*107.07*	
05 12 23 00-0612	LF	MC12 x 37 - 12" Wide Channel	87.84	36.09
		For >100 To 250, Deduct	*-3.61*	
		For >250 To 500, Deduct	*-5.81*	
		For >500 To 1,000, Deduct	*-9.21*	
		For >1,000, Deduct	*-12.60*	
		For 316 Stainless Steel, Add	*127.07*	
		For Aluminum, Add	*7.15*	
		For Galvanized Steel, Add	*24.62*	
		For 304 Stainless Steel, Add	*113.17*	
05 12 23 00-0613	LF	MC12 x 40 - 12" Wide Channel	94.95	39.01
		For >100 To 250, Deduct	*-3.90*	
		For >250 To 500, Deduct	*-6.28*	
		For >500 To 1,000, Deduct	*-9.95*	
		For >1,000, Deduct	*-13.62*	
		For 316 Stainless Steel, Add	*137.38*	
		For Aluminum, Add	*7.73*	
		For Galvanized Steel, Add	*26.62*	
		For 304 Stainless Steel, Add	*122.35*	
05 12 23 00-0614	LF	MC12 x 45 - 12" Wide Channel	106.83	43.90
		For >100 To 250, Deduct	*-4.39*	
		For >250 To 500, Deduct	*-7.06*	
		For >500 To 1,000, Deduct	*-11.19*	
		For >1,000, Deduct	*-15.33*	
		For 316 Stainless Steel, Add	*154.56*	
		For Aluminum, Add	*8.69*	
		For Galvanized Steel, Add	*29.95*	
		For 304 Stainless Steel, Add	*137.66*	
05 12 23 00-0615	LF	MC12 x 50 - 12" Wide Channel	118.70	48.77
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-7.84*	
		For >500 To 1,000, Deduct	*-12.44*	
		For >1,000, Deduct	*-17.03*	
		For 316 Stainless Steel, Add	*171.74*	
		For Aluminum, Add	*9.66*	
		For Galvanized Steel, Add	*33.28*	
		For 304 Stainless Steel, Add	*152.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0616	LF	MC13 x 31.8 - 13" Wide Channel	75.49	31.02
		For >100 To 250, Deduct	*-3.10*	
		For >250 To 500, Deduct	*-4.99*	
		For >500 To 1,000, Deduct	*-7.91*	
		For >1,000, Deduct	*-10.83*	
		For 316 Stainless Steel, Add	*109.22*	
		For Aluminum, Add	*6.14*	
		For Galvanized Steel, Add	*21.16*	
		For 304 Stainless Steel, Add	*97.27*	
05 12 23 00-0617	LF	MC13 x 35 - 13" Wide Channel	83.09	34.14
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 500, Deduct	*-5.49*	
		For >500 To 1,000, Deduct	*-8.71*	
		For >1,000, Deduct	*-11.92*	
		For 316 Stainless Steel, Add	*120.22*	
		For Aluminum, Add	*6.76*	
		For Galvanized Steel, Add	*23.29*	
		For 304 Stainless Steel, Add	*107.07*	
05 12 23 00-0618	LF	MC13 x 40 - 13" Wide Channel	94.95	39.01
		For >100 To 250, Deduct	*-3.90*	
		For >250 To 500, Deduct	*-6.28*	
		For >500 To 1,000, Deduct	*-9.95*	
		For >1,000, Deduct	*-13.62*	
		For 316 Stainless Steel, Add	*137.38*	
		For Aluminum, Add	*7.73*	
		For Galvanized Steel, Add	*26.62*	
		For 304 Stainless Steel, Add	*122.35*	
05 12 23 00-0619	LF	MC13 x 50 - 13" Wide Channel	118.70	48.77
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-7.84*	
		For >500 To 1,000, Deduct	*-12.44*	
		For >1,000, Deduct	*-17.03*	
		For 316 Stainless Steel, Add	*171.74*	
		For Aluminum, Add	*9.66*	
		For Galvanized Steel, Add	*33.28*	
		For 304 Stainless Steel, Add	*152.96*	
05 12 23 00-0620	LF	MC18 x 42.7 - 18" Wide Channel	101.37	41.65
		For >100 To 250, Deduct	*-4.17*	
		For >250 To 500, Deduct	*-6.70*	
		For >500 To 1,000, Deduct	*-10.62*	
		For >1,000, Deduct	*-14.55*	
		For 316 Stainless Steel, Add	*146.66*	
		For Aluminum, Add	*8.25*	
		For Galvanized Steel, Add	*28.41*	
		For 304 Stainless Steel, Add	*130.62*	
05 12 23 00-0621	LF	MC18 x 45.8 - 18" Wide Channel	108.72	44.67
		For >100 To 250, Deduct	*-4.47*	
		For >250 To 500, Deduct	*-7.19*	
		For >500 To 1,000, Deduct	*-11.39*	
		For >1,000, Deduct	*-15.60*	
		For 316 Stainless Steel, Add	*157.31*	
		For Aluminum, Add	*8.85*	
		For Galvanized Steel, Add	*30.48*	
		For 304 Stainless Steel, Add	*140.11*	
05 12 23 00-0622	LF	MC18 x 51.9 - 18" Wide Channel	123.20	50.62
		For >100 To 250, Deduct	*-5.06*	
		For >250 To 500, Deduct	*-8.14*	
		For >500 To 1,000, Deduct	*-12.91*	
		For >1,000, Deduct	*-17.68*	
		For 316 Stainless Steel, Add	*178.24*	
		For Aluminum, Add	*10.03*	
		For Galvanized Steel, Add	*34.53*	
		For 304 Stainless Steel, Add	*158.75*	
05 12 23 00-0623	LF	MC18 x 58 - 18" Wide Channel	137.68	56.57
		For >100 To 250, Deduct	*-5.66*	
		For >250 To 500, Deduct	*-9.10*	
		For >500 To 1,000, Deduct	*-14.43*	
		For >1,000, Deduct	*-19.75*	
		For 316 Stainless Steel, Add	*199.20*	
		For Aluminum, Add	*11.21*	
		For Galvanized Steel, Add	*38.60*	
		For 304 Stainless Steel, Add	*177.41*	

05 12 23 00-0624 Structural Bar Tees *(05 12 23 00-0438)*

05 12 23 00-0625	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	4.33	2.60
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.37*	
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000, Deduct	*-0.76*	
		For 316 Stainless Steel, Add	*2.78*	
		For Aluminum, Add	*0.16*	
		For Galvanized Steel, Add	*0.54*	
		For 304 Stainless Steel, Add	*2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0626	LF	1" x 1" x 1/8" Structural Bar Tee	5.26	3.06
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000, Deduct	*-0.90*	
		For 316 Stainless Steel, Add	*3.81*	
		For Aluminum, Add	*0.21*	
		For Galvanized Steel, Add	*0.74*	
		For 304 Stainless Steel, Add	*3.39*	
05 12 23 00-0627	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	8.11	3.53
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000, Deduct	*-1.20*	
		For 316 Stainless Steel, Add	*10.88*	
		For Aluminum, Add	*0.61*	
		For Galvanized Steel, Add	*2.11*	
		For 304 Stainless Steel, Add	*9.69*	
05 12 23 00-0628	LF	2" x 2" x 1/4" Structural Bar Tee	11.23	4.62
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000, Deduct	*-1.61*	
		For 316 Stainless Steel, Add	*16.22*	
		For Aluminum, Add	*0.91*	
		For Galvanized Steel, Add	*3.14*	
		For 304 Stainless Steel, Add	*14.45*	
05 12 23 00-0629	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	16.54	5.57
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.97*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000, Deduct	*-2.17*	
		For 316 Stainless Steel, Add	*29.12*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.64*	
		For 304 Stainless Steel, Add	*25.94*	
05 12 23 00-0630	LF	3" x 3" x 3/8" Structural Bar Tee	20.44	7.13
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.23*	
		For >500 To 1,000, Deduct	*-1.97*	
		For >1,000, Deduct	*-2.72*	
		For 316 Stainless Steel, Add	*34.94*	
		For Aluminum, Add	*1.97*	
		For Galvanized Steel, Add	*6.77*	
		For 304 Stainless Steel, Add	*31.12*	

05 12 23 00-0631 Structural Zees *(05 12 23 00-0438)*

05 12 23 00-0632	LF	1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee	9.78	3.53
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000, Deduct	*-1.32*	
		For 316 Stainless Steel, Add	*16.22*	
		For Aluminum, Add	*0.91*	
		For Galvanized Steel, Add	*3.14*	
		For 304 Stainless Steel, Add	*14.45*	
05 12 23 00-0633	LF	2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee	17.75	4.22
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-2.03*	
		For 316 Stainless Steel, Add	*38.85*	
		For Aluminum, Add	*2.19*	
		For Galvanized Steel, Add	*7.53*	
		For 304 Stainless Steel, Add	*34.60*	
05 12 23 00-0634	LF	3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee	21.20	4.76
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-1.69*	
		For >1,000, Deduct	*-2.38*	
		For 316 Stainless Steel, Add	*47.55*	
		For Aluminum, Add	*2.67*	
		For Galvanized Steel, Add	*9.21*	
		For 304 Stainless Steel, Add	*42.35*	
05 12 23 00-0635	LF	3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee	28.27	5.43
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.25*	
		For >500 To 1,000, Deduct	*-2.14*	
		For >1,000, Deduct	*-3.03*	
		For 316 Stainless Steel, Add	*67.26*	
		For Aluminum, Add	*3.78*	
		For Galvanized Steel, Add	*13.03*	
		For 304 Stainless Steel, Add	*59.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0636	LF	3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee	36.34	5.92
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.50*	
		For >500 To 1,000, Deduct	*-2.61*	
		For >1,000, Deduct	*-3.71*	
		For 316 Stainless Steel, Add	*91.04*	
		For Aluminum, Add	*5.12*	
		For Galvanized Steel, Add	*17.64*	
		For 304 Stainless Steel, Add	*81.08*	

05 12 23 00-0637 Junior I-Beams *(05 12 23 00-0438)*

05 12 23 00-0638	LF	3" Junior I-Beam, 2.9 LB/LF	13.49	5.10
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.35*	
		For >1,000, Deduct	*-1.86*	
		For 316 Stainless Steel, Add	*21.41*	
		For Aluminum, Add	*1.20*	
		For Galvanized Steel, Add	*4.15*	
		For 304 Stainless Steel, Add	*19.07*	
05 12 23 00-0639	LF	4" Junior I-Beam, 3.2 LB/LF	14.82	5.57
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000, Deduct	*-2.04*	
		For 316 Stainless Steel, Add	*23.62*	
		For Aluminum, Add	*1.33*	
		For Galvanized Steel, Add	*4.58*	
		For 304 Stainless Steel, Add	*21.03*	
05 12 23 00-0640	LF	5" Junior I-Beam, 3.8 LB/LF	16.92	6.12
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000, Deduct	*-2.29*	
		For 316 Stainless Steel, Add	*28.03*	
		For Aluminum, Add	*1.58*	
		For Galvanized Steel, Add	*5.43*	
		For 304 Stainless Steel, Add	*24.97*	
05 12 23 00-0641	LF	6" Junior I-Beam, 4.4 LB/LF	19.03	6.66
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.54*	
		For 316 Stainless Steel, Add	*32.48*	
		For Aluminum, Add	*1.83*	
		For Galvanized Steel, Add	*6.29*	
		For 304 Stainless Steel, Add	*28.93*	
05 12 23 00-0642	LF	7" Junior I-Beam, 5.5 LB/LF	22.20	7.13
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.27*	
		For >500 To 1,000, Deduct	*-2.06*	
		For >1,000, Deduct	*-2.86*	
		For 316 Stainless Steel, Add	*40.58*	
		For Aluminum, Add	*2.28*	
		For Galvanized Steel, Add	*7.86*	
		For 304 Stainless Steel, Add	*36.14*	
05 12 23 00-0643	LF	8" Junior I-Beam, 6.5 LB/LF	25.14	7.62
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.39*	
		For >500 To 1,000, Deduct	*-2.27*	
		For >1,000, Deduct	*-3.15*	
		For 316 Stainless Steel, Add	*47.97*	
		For Aluminum, Add	*2.70*	
		For Galvanized Steel, Add	*9.29*	
		For 304 Stainless Steel, Add	*42.72*	
05 12 23 00-0644	LF	10" Junior I-Beam, 9 LB/LF	32.36	8.70
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.78*	
		For >1,000, Deduct	*-3.88*	
		For 316 Stainless Steel, Add	*66.43*	
		For Aluminum, Add	*3.74*	
		For Galvanized Steel, Add	*12.87*	
		For 304 Stainless Steel, Add	*59.17*	
05 12 23 00-0645	LF	12" Junior I-Beam, 11.8 LB/LF	40.99	10.33
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000, Deduct	*-4.80*	
		For 316 Stainless Steel, Add	*87.10*	
		For Aluminum, Add	*4.90*	
		For Galvanized Steel, Add	*16.88*	
		For 304 Stainless Steel, Add	*77.58*	

05 12 23 00-0646 Round Stock *(05 12 23 00-0438)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0647	LF	1/4" Carbon Steel Rounds, ASTM A108	1.67	
		For 316 Stainless Steel, Add	*2.43*	
		For Aluminum, Add	*0.14*	
		For Galvanized Steel, Add	*0.47*	
		For 304 Stainless Steel, Add	*2.17*	
05 12 23 00-0648	LF	3/8" Carbon Steel Rounds, ASTM A108	2.54	
		For 316 Stainless Steel, Add	*4.83*	
		For Aluminum, Add	*0.27*	
		For Galvanized Steel, Add	*0.94*	
		For 304 Stainless Steel, Add	*4.30*	
05 12 23 00-0649	LF	1/2" Carbon Steel Rounds, ASTM A108	3.43	
		For 316 Stainless Steel, Add	*7.33*	
		For Aluminum, Add	*0.41*	
		For Galvanized Steel, Add	*1.42*	
		For 304 Stainless Steel, Add	*6.53*	
05 12 23 00-0650	LF	5/8" Carbon Steel Rounds, ASTM A108	5.08	
		For 316 Stainless Steel, Add	*12.22*	
		For Aluminum, Add	*0.69*	
		For Galvanized Steel, Add	*2.37*	
		For 304 Stainless Steel, Add	*10.89*	
05 12 23 00-0651	LF	3/4" Carbon Steel Rounds, ASTM A108	6.05	
		For 316 Stainless Steel, Add	*14.53*	
		For Aluminum, Add	*0.82*	
		For Galvanized Steel, Add	*2.81*	
		For 304 Stainless Steel, Add	*12.94*	
05 12 23 00-0652	LF	7/8" Carbon Steel Rounds, ASTM A108	7.04	
		For 316 Stainless Steel, Add	*16.96*	
		For Aluminum, Add	*0.95*	
		For Galvanized Steel, Add	*3.29*	
		For 304 Stainless Steel, Add	*15.11*	
05 12 23 00-0653	LF	1" Carbon Steel Rounds, ASTM A108	10.14	
		For 316 Stainless Steel, Add	*25.86*	
		For Aluminum, Add	*1.45*	
		For Galvanized Steel, Add	*5.01*	
		For 304 Stainless Steel, Add	*23.03*	
05 12 23 00-0654	LF	1-1/8" Carbon Steel Rounds, ASTM A108	12.34	
		For 316 Stainless Steel, Add	*31.42*	
		For Aluminum, Add	*1.77*	
		For Galvanized Steel, Add	*6.09*	
		For 304 Stainless Steel, Add	*27.99*	
05 12 23 00-0655	LF	1-1/4" Carbon Steel Rounds, ASTM A108	14.80	
		For 316 Stainless Steel, Add	*36.99*	
		For Aluminum, Add	*2.08*	
		For Galvanized Steel, Add	*7.17*	
		For 304 Stainless Steel, Add	*32.95*	
05 12 23 00-0656	LF	1-3/8" Carbon Steel Rounds, ASTM A108	17.87	
		For 316 Stainless Steel, Add	*45.12*	
		For Aluminum, Add	*2.54*	
		For Galvanized Steel, Add	*8.74*	
		For 304 Stainless Steel, Add	*40.19*	
05 12 23 00-0657	LF	1-1/2" Carbon Steel Rounds, ASTM A108	20.00	
		For 316 Stainless Steel, Add	*49.50*	
		For Aluminum, Add	*2.78*	
		For Galvanized Steel, Add	*9.59*	
		For 304 Stainless Steel, Add	*44.09*	
05 12 23 00-0658	LF	1-5/8" Carbon Steel Rounds, ASTM A108	23.19	
		For 316 Stainless Steel, Add	*56.10*	
		For Aluminum, Add	*3.16*	
		For Galvanized Steel, Add	*10.87*	
		For 304 Stainless Steel, Add	*49.96*	
05 12 23 00-0659	LF	1-3/4" Carbon Steel Rounds, ASTM A108	27.96	
		For 316 Stainless Steel, Add	*65.28*	
		For Aluminum, Add	*3.67*	
		For Galvanized Steel, Add	*12.65*	
		For 304 Stainless Steel, Add	*58.14*	
05 12 23 00-0660	LF	1-7/8" Carbon Steel Rounds, ASTM A108	33.87	
		For 316 Stainless Steel, Add	*76.48*	
		For Aluminum, Add	*4.30*	
		For Galvanized Steel, Add	*14.82*	
		For 304 Stainless Steel, Add	*68.12*	
05 12 23 00-0661	LF	2" Carbon Steel Rounds, ASTM A108	38.92	
		For 316 Stainless Steel, Add	*85.09*	
		For Aluminum, Add	*4.79*	
		For Galvanized Steel, Add	*16.49*	
		For 304 Stainless Steel, Add	*75.78*	
05 12 23 00-0662	LF	2-1/8" Carbon Steel Rounds, ASTM A108	45.67	
		For 316 Stainless Steel, Add	*97.15*	
		For Aluminum, Add	*5.46*	
		For Galvanized Steel, Add	*18.82*	
		For 304 Stainless Steel, Add	*86.53*	
05 12 23 00-0663	LF	2-1/4" Carbon Steel Rounds, ASTM A108	51.75	
		For 316 Stainless Steel, Add	*109.25*	
		For Aluminum, Add	*6.15*	
		For Galvanized Steel, Add	*21.17*	
		For 304 Stainless Steel, Add	*97.30*	
05 12 23 00-0664	LF	2-3/8" Carbon Steel Rounds, ASTM A108	59.29	
		For 316 Stainless Steel, Add	*124.96*	
		For Aluminum, Add	*7.03*	
		For Galvanized Steel, Add	*24.21*	
		For 304 Stainless Steel, Add	*111.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0665	LF	2-1/2" Carbon Steel Rounds, ASTM A108	65.85	
		For 316 Stainless Steel, Add	*134.66*	
		For Aluminum, Add	*7.57*	
		For Galvanized Steel, Add	*26.09*	
		For 304 Stainless Steel, Add	*119.93*	
05 12 23 00-0666	LF	2-5/8" Carbon Steel Rounds, ASTM A108	79.87	
		For 316 Stainless Steel, Add	*171.07*	
		For Aluminum, Add	*9.62*	
		For Galvanized Steel, Add	*33.15*	
		For 304 Stainless Steel, Add	*152.36*	
05 12 23 00-0667	LF	2-3/4" Carbon Steel Rounds, ASTM A108	90.90	
		For 316 Stainless Steel, Add	*195.07*	
		For Aluminum, Add	*10.97*	
		For Galvanized Steel, Add	*37.80*	
		For 304 Stainless Steel, Add	*173.74*	
05 12 23 00-0668	LF	2-7/8 Carbon Steel Rounds, ASTM A108	101.39	
		For 316 Stainless Steel, Add	*217.38*	
		For Aluminum, Add	*12.23*	
		For Galvanized Steel, Add	*42.12*	
		For 304 Stainless Steel, Add	*193.60*	
05 12 23 00-0669	LF	3" Carbon Steel Rounds, ASTM A108	106.94	
		For 316 Stainless Steel, Add	*223.90*	
		For Aluminum, Add	*12.59*	
		For Galvanized Steel, Add	*43.38*	
		For 304 Stainless Steel, Add	*199.41*	
05 12 23 00-0670	LF	3-1/8" Carbon Steel Rounds, ASTM A108	112.02	
		For 316 Stainless Steel, Add	*228.86*	
		For Aluminum, Add	*12.87*	
		For Galvanized Steel, Add	*44.34*	
		For 304 Stainless Steel, Add	*203.83*	
05 12 23 00-0671	LF	3-1/4" Carbon Steel Rounds, ASTM A108	118.46	
		For 316 Stainless Steel, Add	*238.21*	
		For Aluminum, Add	*13.40*	
		For Galvanized Steel, Add	*46.15*	
		For 304 Stainless Steel, Add	*212.15*	
05 12 23 00-0672	LF	3-1/2" Carbon Steel Rounds, ASTM A108	142.88	
		For 316 Stainless Steel, Add	*302.24*	
		For Aluminum, Add	*17.00*	
		For Galvanized Steel, Add	*58.56*	
		For 304 Stainless Steel, Add	*269.18*	
05 12 23 00-0673	LF	3-5/8" Carbon Steel Rounds, ASTM A108	158.49	
		For 316 Stainless Steel, Add	*338.11*	
		For Aluminum, Add	*19.02*	
		For Galvanized Steel, Add	*65.51*	
		For 304 Stainless Steel, Add	*301.13*	
05 12 23 00-0674	LF	3-3/4" Carbon Steel Rounds, ASTM A108	170.25	
		For 316 Stainless Steel, Add	*361.70*	
		For Aluminum, Add	*20.35*	
		For Galvanized Steel, Add	*70.08*	
		For 304 Stainless Steel, Add	*322.14*	
05 12 23 00-0675	LF	4" Carbon Steel Rounds, ASTM A108	190.31	
		For 316 Stainless Steel, Add	*411.78*	
		For Aluminum, Add	*23.16*	
		For Galvanized Steel, Add	*79.78*	
		For 304 Stainless Steel, Add	*366.74*	

05 12 23 00-0676 Square Stock *(05 12 23 00-0438)*

05 12 23 00-0677	LF	3/8" Square Bar Stock	1.54	
		For 316 Stainless Steel, Add	*1.63*	
		For Aluminum, Add	*0.09*	
		For Galvanized Steel, Add	*0.32*	
		For 304 Stainless Steel, Add	*1.45*	
05 12 23 00-0678	LF	1/2" Square Bar Stock	2.05	
		For 316 Stainless Steel, Add	*2.91*	
		For Aluminum, Add	*0.16*	
		For Galvanized Steel, Add	*0.56*	
		For 304 Stainless Steel, Add	*2.59*	
05 12 23 00-0679	LF	5/8" Square Bar Stock	2.68	
		For 316 Stainless Steel, Add	*4.54*	
		For Aluminum, Add	*0.26*	
		For Galvanized Steel, Add	*0.88*	
		For 304 Stainless Steel, Add	*4.05*	
05 12 23 00-0680	LF	3/4" Square Bar Stock	3.55	
		For 316 Stainless Steel, Add	*6.53*	
		For Aluminum, Add	*0.37*	
		For Galvanized Steel, Add	*1.26*	
		For 304 Stainless Steel, Add	*5.81*	
05 12 23 00-0681	LF	7/8" Square Bar Stock	4.59	
		For 316 Stainless Steel, Add	*9.12*	
		For Aluminum, Add	*0.51*	
		For Galvanized Steel, Add	*1.77*	
		For 304 Stainless Steel, Add	*8.12*	
05 12 23 00-0682	LF	1" Square Bar Stock	5.70	
		For 316 Stainless Steel, Add	*11.65*	
		For Aluminum, Add	*0.66*	
		For Galvanized Steel, Add	*2.26*	
		For 304 Stainless Steel, Add	*10.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0683	LF	1-1/4" Square Bar Stock	8.92	
		For 316 Stainless Steel, Add	*18.18*	
		For Aluminum, Add	*1.02*	
		For Galvanized Steel, Add	*3.52*	
		For 304 Stainless Steel, Add	*16.19*	
05 12 23 00-0684	LF	1-1/2" Square Bar Stock	12.72	
		For 316 Stainless Steel, Add	*26.21*	
		For Aluminum, Add	*1.47*	
		For Galvanized Steel, Add	*5.08*	
		For 304 Stainless Steel, Add	*23.34*	
05 12 23 00-0685	LF	1-3/4" Square Bar Stock	18.94	
		For 316 Stainless Steel, Add	*36.42*	
		For Aluminum, Add	*2.05*	
		For Galvanized Steel, Add	*7.06*	
		For 304 Stainless Steel, Add	*32.43*	
05 12 23 00-0686	LF	2" Square Bar Stock	27.25	
		For 316 Stainless Steel, Add	*46.59*	
		For Aluminum, Add	*2.62*	
		For Galvanized Steel, Add	*9.03*	
		For 304 Stainless Steel, Add	*41.50*	

05 12 23 00-0687 Steel Tubing *(05 12 23 00-0438)*

Note: General purpose low-carbon steel.

05 12 23 00-0688 Square Steel Tubing *(05 12 23 00-0687)*

05 12 23 00-0689 0.06" Wall Thickness *(05 12 23 00-0688)*

05 12 23 00-0690	LF	1/2" x 1/2" x 0.06" Square Steel Tubing	1.99	0.49
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.16*	
		For >1,000, Deduct	*-0.23*	
		For Galvanized Steel, Add	*0.83*	
05 12 23 00-0691	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	3.07	0.76
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.26*	
		For >1,000, Deduct	*-0.36*	
		For Galvanized Steel, Add	*1.26*	
05 12 23 00-0692	LF	1" x 1" x 0.06" Square Steel Tubing	4.12	1.39
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000, Deduct	*-0.48*	
		For Galvanized Steel, Add	*1.69*	
05 12 23 00-0693	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	5.43	1.32
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.45*	
		For >1,000, Deduct	*-0.63*	
		For Galvanized Steel, Add	*2.28*	
05 12 23 00-0694	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	6.44	1.60
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000, Deduct	*-0.75*	
		For Galvanized Steel, Add	*2.67*	

05 12 23 00-0695 0.083" Wall Thickness *(05 12 23 00-0688)*

05 12 23 00-0696	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	3.56	0.90
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.30*	
		For >1,000, Deduct	*-0.42*	
		For Galvanized Steel, Add	*1.46*	
05 12 23 00-0697	LF	1" x 1" x 0.083" Square Steel Tubing	5.18	1.23
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1,000, Deduct	*-0.42*	
		For >1,000, Deduct	*-0.59*	
		For Galvanized Steel, Add	*2.19*	
05 12 23 00-0698	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	6.26	1.57
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.52*	
		For >1,000, Deduct	*-0.73*	
		For Galvanized Steel, Add	*2.59*	
05 12 23 00-0699	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	7.58	1.90
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000, Deduct	*-0.89*	
		For Galvanized Steel, Add	*3.12*	
05 12 23 00-0700	LF	2" x 2" x 0.083" Square Steel Tubing	9.72	2.54
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.15*	
		For Galvanized Steel, Add	*3.93*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0701		**0.12" Wall Thickness** *(05 12 23 00-0688)*		
05 12 23 00-0702	LF	1" x 1" x 0.12" Square Steel Tubing	5.72	1.47
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.48*	
		For >1,000, Deduct	*-0.67*	
		For Galvanized Steel, Add	*2.34*	
05 12 23 00-0703	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	7.37	1.88
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.37*	
		For >500 To 1,000, Deduct	*-0.62*	
		For >1,000, Deduct	*-0.87*	
		For Galvanized Steel, Add	*3.01*	
05 12 23 00-0704	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	9.05	2.29
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.06*	
		For Galvanized Steel, Add	*3.71*	
05 12 23 00-0705	LF	2" x 2" x 0.12" Square Steel Tubing	12.26	3.13
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000, Deduct	*-1.44*	
		For Galvanized Steel, Add	*5.01*	
05 12 23 00-0706		**1/8" Wall Thickness** *(05 12 23 00-0688)*		
05 12 23 00-0707	LF	2" x 2" x 1/8" Square Steel Tubing	11.07	3.25
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.99*	
		For >1,000, Deduct	*-1.37*	
		For Galvanized Steel, Add	*4.17*	
05 12 23 00-0708	LF	2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	14.58	4.13
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000, Deduct	*-1.78*	
		For Galvanized Steel, Add	*5.64*	
05 12 23 00-0709	LF	3" x 3" x 1/8" Square Steel Tubing	17.11	4.99
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000, Deduct	*-2.11*	
		For Galvanized Steel, Add	*6.49*	
05 12 23 00-0710	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	19.83	5.86
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.46*	
		For Galvanized Steel, Add	*7.45*	
05 12 23 00-0711	LF	4" x 4" x 1/8" Square Steel Tubing	21.88	6.72
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000, Deduct	*-2.76*	
		For Galvanized Steel, Add	*8.00*	
05 12 23 00-0712		**3/16" Wall Thickness** *(05 12 23 00-0688)*		
05 12 23 00-0713	LF	2" x 2" x 3/16" Square Steel Tubing	12.55	3.67
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.12*	
		For >1,000, Deduct	*-1.55*	
		For Galvanized Steel, Add	*4.75*	
05 12 23 00-0714	LF	2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	16.24	4.75
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-2.01*	
		For Galvanized Steel, Add	*6.14*	
05 12 23 00-0715	LF	3" x 3" x 3/16" Square Steel Tubing	19.97	5.84
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000, Deduct	*-2.47*	
		For Galvanized Steel, Add	*7.55*	
05 12 23 00-0716	LF	3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	23.69	6.92
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.29*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.93*	
		For Galvanized Steel, Add	*8.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0717	LF	4" x 4" x 3/16" Square Steel Tubing	27.39	8.01
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.39*	
		For Galvanized Steel, Add	*10.36*	
05 12 23 00-0718	LF	4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	31.10	9.10
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1,000, Deduct	*-2.77*	
		For >1,000, Deduct	*-3.85*	
		For Galvanized Steel, Add	*11.77*	
05 12 23 00-0719	LF	5" x 5" x 3/16" Square Steel Tubing	34.79	10.17
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.89*	
		For >500 To 1,000, Deduct	*-3.10*	
		For >1,000, Deduct	*-4.30*	
		For Galvanized Steel, Add	*13.16*	
05 12 23 00-0720	LF	6" x 6" x 3/16" Square Steel Tubing	42.23	12.35
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-2.29*	
		For >500 To 1,000, Deduct	*-3.76*	
		For >1,000, Deduct	*-5.22*	
		For Galvanized Steel, Add	*15.98*	

05 12 23 00-0721 1/4" Wall Thickness *(05 12 23 00-0688)*

05 12 23 00-0722	LF	2" x 2" x 1/4" Square Steel Tubing	13.37	3.68
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.70*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000, Deduct	*-1.62*	
		For Galvanized Steel, Add	*5.25*	
05 12 23 00-0723	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	17.57	4.83
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000, Deduct	*-2.12*	
		For Galvanized Steel, Add	*6.90*	
05 12 23 00-0724	LF	3" x 3" x 1/4" Square Steel Tubing	21.78	5.99
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.89*	
		For >1,000, Deduct	*-2.63*	
		For Galvanized Steel, Add	*8.55*	
05 12 23 00-0725	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	25.98	7.14
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000, Deduct	*-3.14*	
		For Galvanized Steel, Add	*10.20*	
05 12 23 00-0726	LF	4" x 4" x 1/4" Square Steel Tubing	30.18	8.30
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.62*	
		For >1,000, Deduct	*-3.65*	
		For Galvanized Steel, Add	*11.85*	
05 12 23 00-0727	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	34.38	9.46
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-2.98*	
		For >1,000, Deduct	*-4.15*	
		For Galvanized Steel, Add	*13.50*	
05 12 23 00-0728	LF	5" x 5" x 1/4" Square Steel Tubing	38.61	10.62
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-2.03*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000, Deduct	*-4.67*	
		For Galvanized Steel, Add	*15.16*	
05 12 23 00-0729	LF	6" x 6" x 1/4" Square Steel Tubing	47.01	12.93
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.47*	
		For >500 To 1,000, Deduct	*-4.07*	
		For >1,000, Deduct	*-5.68*	
		For Galvanized Steel, Add	*18.46*	

05 12 23 00-0730 Rectangular Steel Tubing *(05 12 23 00-0687)*

05 12 23 00-0731 3/16" Wall Thickness *(05 12 23 00-0730)*

05 12 23 00-0732	LF	3" x 2" x 3/16" Square Steel Tubing	16.24	4.75
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-2.01*	
		For Galvanized Steel, Add	*6.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0733	LF	4" x 2" x 3/16" Square Steel Tubing	19.97	5.84
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000, Deduct	*-2.47*	
		For Galvanized Steel, Add	*7.55*	
05 12 23 00-0734	LF	4" x 3" x 3/16" Square Steel Tubing	23.69	6.92
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.29*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.93*	
		For Galvanized Steel, Add	*8.96*	
05 12 23 00-0735	LF	5" x 2" x 3/16" Square Steel Tubing	23.69	6.92
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.29*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.93*	
		For Galvanized Steel, Add	*8.96*	
05 12 23 00-0736	LF	5" x 3" x 3/16" Square Steel Tubing	27.39	8.01
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.39*	
		For Galvanized Steel, Add	*10.36*	
05 12 23 00-0737	LF	5" x 4" x 3/16" Square Steel Tubing	31.10	9.10
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1,000, Deduct	*-2.77*	
		For >1,000, Deduct	*-3.85*	
		For Galvanized Steel, Add	*11.77*	
05 12 23 00-0738	LF	6" x 2" x 3/16" Square Steel Tubing	27.39	8.01
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000, Deduct	*-3.39*	
		For Galvanized Steel, Add	*10.36*	
05 12 23 00-0739	LF	6" x 3" x 3/16" Square Steel Tubing	31.10	9.10
		For >100 To 250, Deduct	*-0.91*	
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1,000, Deduct	*-2.77*	
		For >1,000, Deduct	*-3.85*	
		For Galvanized Steel, Add	*11.77*	
05 12 23 00-0740	LF	6" x 4" x 3/16" Square Steel Tubing	34.79	10.17
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.89*	
		For >500 To 1,000, Deduct	*-3.10*	
		For >1,000, Deduct	*-4.30*	
		For Galvanized Steel, Add	*13.16*	

05 12 23 00-0741 1/4" Wall Thickness *(05 12 23 00-0730)*

05 12 23 00-0742	LF	3" x 2" x 1/4" Square Steel Tubing	17.57	4.83
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000, Deduct	*-2.12*	
		For Galvanized Steel, Add	*6.90*	
05 12 23 00-0743	LF	4" x 2" x 1/4" Square Steel Tubing	21.78	5.99
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.14*	
		For >500 To 1,000, Deduct	*-1.89*	
		For >1,000, Deduct	*-2.63*	
		For Galvanized Steel, Add	*8.55*	
05 12 23 00-0744	LF	4" x 3" x 1/4" Square Steel Tubing	25.98	7.14
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000, Deduct	*-3.14*	
		For Galvanized Steel, Add	*10.20*	
05 12 23 00-0745	LF	5" x 2" x 1/4" Square Steel Tubing	25.98	7.14
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.36*	
		For >500 To 1,000, Deduct	*-2.25*	
		For >1,000, Deduct	*-3.14*	
		For Galvanized Steel, Add	*10.20*	
05 12 23 00-0746	LF	5" x 3" x 1/4" Square Steel Tubing	30.18	8.30
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.62*	
		For >1,000, Deduct	*-3.65*	
		For Galvanized Steel, Add	*11.85*	
05 12 23 00-0747	LF	5" x 4" x 1/4" Square Steel Tubing	34.38	9.46
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-2.98*	
		For >1,000, Deduct	*-4.15*	
		For Galvanized Steel, Add	*13.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0748	LF	6" x 2" x 1/4" Square Steel Tubing	30.18	8.30
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.62*	
		For >1,000, Deduct	*-3.65*	
		For Galvanized Steel, Add	*11.85*	
05 12 23 00-0749	LF	6" x 3" x 1/4" Square Steel Tubing	34.38	9.46
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.81*	
		For >500 To 1,000, Deduct	*-2.98*	
		For >1,000, Deduct	*-4.15*	
		For Galvanized Steel, Add	*13.50*	
05 12 23 00-0750	LF	6" x 4" x 1/4" Square Steel Tubing	38.61	10.62
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-2.03*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000, Deduct	*-4.67*	
		For Galvanized Steel, Add	*15.16*	

05 12 23 00-0751 Round Steel Tubing *(05 12 23 00-0687)*

05 12 23 00-0752 0.065" Wall Thickness *(05 12 23 00-0751)*

05 12 23 00-0753	LF	1" Diameter x 0.065" Round Steel Tubing	3.56	0.89
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.30*	
		For >1,000, Deduct	*-0.41*	
		For Galvanized Steel, Add	*1.48*	
05 12 23 00-0754	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	4.51	1.12
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000, Deduct	*-0.52*	
		For Galvanized Steel, Add	*1.87*	
05 12 23 00-0755	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	5.45	1.36
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.45*	
		For >1,000, Deduct	*-0.63*	
		For Galvanized Steel, Add	*2.26*	
05 12 23 00-0756	LF	2" Diameter x 0.065" Round Steel Tubing	7.35	1.82
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.37*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000, Deduct	*-0.86*	
		For Galvanized Steel, Add	*3.05*	
05 12 23 00-0757	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	9.26	2.29
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000, Deduct	*-1.08*	
		For Galvanized Steel, Add	*3.84*	
05 12 23 00-0758	LF	3" Diameter x 0.065" Round Steel Tubing	11.16	2.77
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.56*	
		For >500 To 1,000, Deduct	*-0.93*	
		For >1,000, Deduct	*-1.30*	
		For Galvanized Steel, Add	*4.63*	
05 12 23 00-0759	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	13.07	3.24
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000, Deduct	*-1.52*	
		For Galvanized Steel, Add	*5.42*	
05 12 23 00-0760	LF	4" Diameter x 0.065" Round Steel Tubing	14.97	3.71
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.24*	
		For >1,000, Deduct	*-1.74*	
		For Galvanized Steel, Add	*6.21*	

05 12 23 00-0761 0.083" Wall Thickness *(05 12 23 00-0751)*

05 12 23 00-0762	LF	1" Diameter x 0.083" Round Steel Tubing	3.86	0.97
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000, Deduct	*-0.45*	
		For Galvanized Steel, Add	*1.59*	
05 12 23 00-0763	LF	1-1/4" Diameter x 0.083" Round Steel Tubing	4.92	1.23
		For >100 To 250, Deduct	*-0.12*	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1,000, Deduct	*-0.41*	
		For >1,000, Deduct	*-0.57*	
		For Galvanized Steel, Add	*2.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0764	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	5.97	1.50
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.70*	
		For Galvanized Steel, Add	*2.47*	
05 12 23 00-0765	LF	2" Diameter x 0.083" Round Steel Tubing	8.08	2.02
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.40*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000, Deduct	*-0.94*	
		For Galvanized Steel, Add	*3.34*	
05 12 23 00-0766	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	10.19	2.55
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000, Deduct	*-1.19*	
		For Galvanized Steel, Add	*4.21*	
05 12 23 00-0767	LF	3" Diameter x 0.083" Round Steel Tubing	12.30	3.08
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000, Deduct	*-1.44*	
		For Galvanized Steel, Add	*5.08*	
05 12 23 00-0768	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	14.40	3.60
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.20*	
		For >1,000, Deduct	*-1.68*	
		For Galvanized Steel, Add	*5.95*	
05 12 23 00-0769	LF	4" Diameter x 0.083" Round Steel Tubing	16.50	4.14
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1,000, Deduct	*-1.38*	
		For >1,000, Deduct	*-1.93*	
		For Galvanized Steel, Add	*6.82*	

05 12 23 00-0770 0.125" Wall Thickness *(05 12 23 00-0751)*

05 12 23 00-0771	LF	2" Diameter x 0.125" Round Steel Tubing	8.68	2.56
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000, Deduct	*-1.08*	
		For Galvanized Steel, Add	*3.27*	
05 12 23 00-0772	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	11.00	3.23
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000, Deduct	*-1.36*	
		For Galvanized Steel, Add	*4.15*	
05 12 23 00-0773	LF	3" Diameter x 0.125" Round Steel Tubing	13.32	3.91
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000, Deduct	*-1.65*	
		For Galvanized Steel, Add	*5.02*	
05 12 23 00-0774	LF	3-1/2" Diameter x 0.125" Round Steel Tubing	15.64	4.60
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.40*	
		For >1,000, Deduct	*-1.94*	
		For Galvanized Steel, Add	*5.90*	
05 12 23 00-0775	LF	4" Diameter x 0.125" Round Steel Tubing	17.94	5.27
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.98*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.22*	
		For Galvanized Steel, Add	*6.76*	

05 12 23 00-0776 Flat Steel Bar *(05 12 23 00-0438)*

05 12 23 00-0777 1/8" Thick *(05 12 23 00-0776)*

05 12 23 00-0778	LF	1/8" Thick x 1" Wide Flat Steel Bar	2.48	1.27
		For Galvanized Steel, Add	*0.36*	
05 12 23 00-0779	LF	1/8" Thick x 2" Wide Flat Steel Bar	3.82	1.90
		For Galvanized Steel, Add	*0.60*	
05 12 23 00-0780	LF	1/8" Thick x 4" Wide Flat Steel Bar	5.77	2.69
		For Galvanized Steel, Add	*1.09*	
05 12 23 00-0781	LF	1/8" Thick x 6" Wide Flat Steel Bar	7.82	3.64
		For Galvanized Steel, Add	*1.46*	

05 12 23 00-0782 3/16" Thick *(05 12 23 00-0776)*

05 12 23 00-0783	LF	3/16" Thick x 1" Wide Flat Steel Bar	3.24	1.58
		For Galvanized Steel, Add	*0.55*	
05 12 23 00-0784	LF	3/16" Thick x 2" Wide Flat Steel Bar	5.07	2.36
		For Galvanized Steel, Add	*0.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0785	LF	3/16" Thick x 4" Wide Flat Steel Bar	6.63	2.72
		For Galvanized Steel, Add	*1.59*	
05 12 23 00-0786	LF	3/16" Thick x 6" Wide Flat Steel Bar	9.19	3.77
		For Galvanized Steel, Add	*2.19*	
05 12 23 00-0787		1/4" Thick *(05 12 23 00-0776)*		
05 12 23 00-0788	LF	1/4" Thick x 1" Wide Flat Steel Bar	3.38	1.67
		For Galvanized Steel, Add	*0.54*	
05 12 23 00-0789	LF	1/4" Thick x 2" Wide Flat Steel Bar	5.51	2.51
		For Galvanized Steel, Add	*1.09*	
05 12 23 00-0790	LF	1/4" Thick x 4" Wide Flat Steel Bar	7.69	2.86
		For Galvanized Steel, Add	*2.11*	
05 12 23 00-0791	LF	1/4" Thick x 6" Wide Flat Steel Bar	11.17	4.23
		For Galvanized Steel, Add	*2.99*	
05 12 23 00-0792		3/8" Thick *(05 12 23 00-0776)*		
05 12 23 00-0793	LF	3/8" Thick x 1" Wide Flat Steel Bar	4.18	1.87
		For Galvanized Steel, Add	*0.84*	
05 12 23 00-0794	LF	3/8" Thick x 2" Wide Flat Steel Bar	6.74	2.81
		For Galvanized Steel, Add	*1.56*	
05 12 23 00-0795	LF	3/8" Thick x 4" Wide Flat Steel Bar	9.85	3.21
		For Galvanized Steel, Add	*3.12*	
05 12 23 00-0796	LF	3/8" Thick x 6" Wide Flat Steel Bar	14.22	4.75
		For Galvanized Steel, Add	*4.39*	
05 12 23 00-0797		1/2" Thick *(05 12 23 00-0776)*		
05 12 23 00-0798	LF	1/2" Thick x 1" Wide Flat Steel Bar	4.85	2.05
		For Galvanized Steel, Add	*1.09*	
05 12 23 00-0799	LF	1/2" Thick x 2" Wide Flat Steel Bar	7.86	3.10
		For Galvanized Steel, Add	*1.99*	
05 12 23 00-0800	LF	1/2" Thick x 4" Wide Flat Steel Bar	10.77	3.52
		For Galvanized Steel, Add	*3.39*	
05 12 23 00-0801	LF	1/2" Thick x 6" Wide Flat Steel Bar	18.76	5.23
		For Galvanized Steel, Add	*6.76*	
05 12 23 00-0802		Flat Steel Plate *(05 12 23 00-0438)*		
05 12 23 00-0803	SF	1/8" Thick Flat Steel Plate	12.32	5.46
		For 316 Stainless Steel, Add	*13.18*	
		For Aluminum, Add	*0.74*	
		For Galvanized Steel, Add	*2.55*	
		For 304 Stainless Steel, Add	*11.74*	
05 12 23 00-0804	SF	3/16" Thick Flat Steel Plate	13.64	5.65
		For 316 Stainless Steel, Add	*16.48*	
		For Aluminum, Add	*0.93*	
		For Galvanized Steel, Add	*3.19*	
		For 304 Stainless Steel, Add	*14.68*	
05 12 23 00-0805	SF	1/4" Thick Flat Steel Plate	16.09	6.34
		For 316 Stainless Steel, Add	*21.02*	
		For Aluminum, Add	*1.18*	
		For Galvanized Steel, Add	*4.07*	
		For 304 Stainless Steel, Add	*18.72*	
05 12 23 00-0806	SF	3/8" Thick Flat Steel Plate	21.02	7.13
		For 316 Stainless Steel, Add	*32.99*	
		For Aluminum, Add	*1.86*	
		For Galvanized Steel, Add	*6.39*	
		For 304 Stainless Steel, Add	*29.38*	
05 12 23 00-0807	SF	1/2" Thick Flat Steel Plate	24.61	7.84
		For 316 Stainless Steel, Add	*41.09*	
		For Aluminum, Add	*2.31*	
		For Galvanized Steel, Add	*7.96*	
		For 304 Stainless Steel, Add	*36.59*	
05 12 23 00-0808	SF	3/4" Thick Flat Steel Plate	38.80	9.71
		For 316 Stainless Steel, Add	*77.06*	
		For Aluminum, Add	*4.33*	
		For Galvanized Steel, Add	*14.93*	
		For 304 Stainless Steel, Add	*68.63*	
05 12 23 00-0809	SF	1" Thick Flat Steel Plate	51.36	12.14
		For 316 Stainless Steel, Add	*105.50*	
		For Aluminum, Add	*5.93*	
		For Galvanized Steel, Add	*20.44*	
		For 304 Stainless Steel, Add	*93.96*	

05 14 Structural Aluminum Framing *(05 10)*

05 14 13 Architecturally-Exposed Structural Aluminum Framing *(05 14)*

05 14 13 00-0001 Rolled Or Plate Shapes *(05 14 13)*
Note: 1" through 10" member.

05 14 13 00-0002	LB	Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members	5.15	0.71
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members	4.55	0.66

05 14 13 00-0004 Aluminum Extrusions *(05 14 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	9.34	2.93
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	9.78	2.93
05 14 13 00-0007		Aluminum Tubing *(05 14 13)*		
05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	10.64	3.08
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	12.34	4.98
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	14.18	5.44
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	16.41	6.35
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	18.56	6.80
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	40.09	8.61
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	33.64	7.71
05 14 13 00-0015		Columns *(05 14 13)*		
		Note: Baked on paint finish, load bearing.		
05 14 13 00-0016		Round Columns *(05 14 13 00-0015)*		
05 14 13 00-0017	LF	6" Diameter Aluminum Column	31.87	5.90
05 14 13 00-0018	LF	8" Diameter Aluminum Column	42.37	8.45
05 14 13 00-0019	LF	10" Diameter Aluminum Column	51.13	9.51
05 14 13 00-0020	LF	12" Diameter Aluminum Column	73.72	9.94
05 14 13 00-0021	LF	15" Diameter Aluminum Column	93.29	11.54
05 14 13 00-0022	EA	6" Diameter Aluminum Base And Cap	60.92	11.00
05 14 13 00-0023	EA	8" Diameter Aluminum Base And Cap	69.24	11.89
05 14 13 00-0024	EA	10" Diameter Aluminum Base And Cap	86.17	13.21
05 14 13 00-0025	EA	12" Diameter Aluminum Base And Cap	143.01	14.08
05 14 13 00-0026	EA	15" Diameter Aluminum Base And Cap	214.79	15.41
05 14 13 00-0027		Octagonal Columns *(05 14 13 00-0015)*		
05 14 13 00-0028	LF	6" Diameter Aluminum Column	34.61	5.90
05 14 13 00-0029	LF	8" Diameter Aluminum Column	47.45	8.45
05 14 13 00-0030	LF	10" Diameter Aluminum Column	57.55	9.51
05 14 13 00-0031	LF	12" Diameter Aluminum Column	84.50	9.94
05 14 13 00-0032	LF	15" Diameter Aluminum Column	107.35	11.54
05 14 13 00-0033	EA	6" Diameter Aluminum Base And Cap	68.70	11.00
05 14 13 00-0034	EA	8" Diameter Aluminum Base And Cap	78.33	11.89
05 14 13 00-0035	EA	10" Diameter Aluminum Base And Cap	98.12	13.21
05 14 13 00-0036	EA	12" Diameter Aluminum Base And Cap	165.97	14.08
05 14 13 00-0037	EA	15" Diameter Aluminum Base And Cap	251.59	15.41
05 14 13 00-0038		Fluted Columns *(05 14 13 00-0015)*		
05 14 13 00-0039	LF	6" Diameter Aluminum Column	38.05	5.90
05 14 13 00-0040	LF	8" Diameter Aluminum Column	52.03	8.45
05 14 13 00-0041	LF	10" Diameter Aluminum Column	63.33	9.51
05 14 13 00-0042	LF	12" Diameter Aluminum Column	94.21	9.94
05 14 13 00-0043	LF	15" Diameter Aluminum Column	120.00	11.54
05 14 13 00-0044	EA	6" Diameter Aluminum Base And Cap	75.71	11.00
05 14 13 00-0045	EA	8" Diameter Aluminum Base And Cap	86.51	11.89
05 14 13 00-0046	EA	10" Diameter Aluminum Base And Cap	108.88	13.21
05 14 13 00-0047	EA	12" Diameter Aluminum Base And Cap	186.64	14.08
05 14 13 00-0048	EA	15" Diameter Aluminum Base And Cap	284.70	15.41
05 14 13 00-0049		Square Columns *(05 14 13 00-0015)*		
05 14 13 00-0050	LF	6" Aluminum Column	40.40	5.90
05 14 13 00-0051	LF	8" Aluminum Column	55.16	8.45
05 14 13 00-0052	LF	10" Aluminum Column	67.28	9.51
05 14 13 00-0053	LF	12" Aluminum Column	100.84	9.94
05 14 13 00-0054	LF	15" Aluminum Column	128.66	11.54
05 14 13 00-0055	EA	6" Aluminum Base And Cap	80.50	11.00
05 14 13 00-0056	EA	8" Aluminum Base And Cap	92.11	11.89
05 14 13 00-0057	EA	10" Aluminum Base And Cap	116.24	13.21
05 14 13 00-0058	EA	12" Aluminum Base And Cap	200.78	14.08
05 14 13 00-0059	EA	15" Aluminum Base And Cap	307.34	15.41
05 14 13 00-0060		Ornamental Or Decorative Cap And Bases *(05 14 13 00-0015)*		
05 14 13 00-0061	EA	8" Corinthian Capital And Base	422.48	13.21
05 14 13 00-0062	EA	10" Corinthian Capital And Base	619.00	15.41
05 14 13 00-0063	EA	12" Corinthian Capital And Base	974.61	17.61
05 14 13 00-0064	EA	8" Scamozzi Capital And Base	214.29	13.21
05 14 13 00-0065	EA	10" Scamozzi Capital And Base	285.56	15.41
05 14 13 00-0066	EA	12" Scamozzi Capital And Base	565.34	17.61

05 15 Wire Rope Assemblies *(05 10)*

05 15 16 Steel Wire Rope Assemblies *(05 15)*

05 15 16 00-0001		6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.13	0.09
		For >500, Deduct	*-0.19*	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.52	0.09
		For >500, Deduct	*-0.26*	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.82	0.18
		For >500, Deduct	*-0.29*	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.20	0.18
		For >500, Deduct	*-0.35*	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.58	0.27
		For >500, Deduct	*-0.39*	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.17	0.36
		For >500, Deduct	*-0.47*	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.79	0.36
		For >500, Deduct	*-0.56*	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.26	0.63
		For >500, Deduct	*-0.77*	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.07	0.72
		For >500, Deduct	*-1.03*	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.84	1.00
		For >500, Deduct	*-1.26*	
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.93	1.27
		For >500, Deduct	*-1.55*	
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	13.32	1.54
		For >500, Deduct	*-1.89*	

05 15 16 00-0014 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.32	0.09
		For >500, Deduct	*-0.23*	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.71	0.09
		For >500, Deduct	*-0.29*	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.14	0.18
		For >500, Deduct	*-0.36*	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.44	0.18
		For >500, Deduct	*-0.39*	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.94	0.27
		For >500, Deduct	*-0.46*	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.40	0.36
		For >500, Deduct	*-0.52*	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.98	0.36
		For >500, Deduct	*-0.60*	
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.83	0.63
		For >500, Deduct	*-0.88*	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.50	0.72
		For >500, Deduct	*-1.11*	
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	9.25	1.00
		For >500, Deduct	*-1.35*	
05 15 16 00-0025	LF	1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	11.85	1.27
		For >500, Deduct	*-1.72*	
05 15 16 00-0026	LF	1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	14.39	1.54
		For >500, Deduct	*-2.10*	

05 15 16 00-0027 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0028	LF	1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.05	0.09
		For >500, Deduct	*-0.18*	
05 15 16 00-0029	LF	5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.43	0.09
		For >500, Deduct	*-0.24*	
05 15 16 00-0030	LF	3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.72	0.18
		For >500, Deduct	*-0.27*	
05 15 16 00-0031	LF	7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.02	0.18
		For >500, Deduct	*-0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0032	LF	1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.46	0.27
		For >500, Deduct	*-0.37*	
05 15 16 00-0033	LF	9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	3.11	0.36
		For >500, Deduct	*-0.46*	
05 15 16 00-0034	LF	5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	3.65	0.36
		For >500, Deduct	*-0.53*	
05 15 16 00-0035	LF	3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	5.13	0.63
		For >500, Deduct	*-0.74*	
05 15 16 00-0036	LF	7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	6.32	0.72
		For >500, Deduct	*-0.88*	
05 15 16 00-0037	LF	1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	8.05	1.00
		For >500, Deduct	*-1.10*	

05 15 16 00-0038 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0039	LF	1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.04	0.09
		For >500, Deduct	*-0.18*	
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.38	0.09
		For >500, Deduct	*-0.23*	
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.72	0.18
		For >500, Deduct	*-0.27*	
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.02	0.18
		For >500, Deduct	*-0.31*	
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.56	0.27
		For >500, Deduct	*-0.39*	
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.06	0.36
		For >500, Deduct	*-0.45*	
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.84	0.36
		For >500, Deduct	*-0.57*	
05 15 16 00-0046	LF	3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.36	0.63
		For >500, Deduct	*-0.79*	
05 15 16 00-0047	LF	7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.02	0.72
		For >500, Deduct	*-1.02*	
05 15 16 00-0048	LF	1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.69	1.00
		For >500, Deduct	*-1.23*	

05 15 16 00-0049 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0050	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	1.94	0.18
		For >500, Deduct	*-0.32*	
05 15 16 00-0051	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.28	0.18
		For >500, Deduct	*-0.36*	
05 15 16 00-0052	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.69	0.27
		For >500, Deduct	*-0.41*	
05 15 16 00-0053	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.61	0.36
		For >500, Deduct	*-0.56*	
05 15 16 00-0054	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.00	0.36
		For >500, Deduct	*-0.60*	
05 15 16 00-0055	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.47	0.63
		For >500, Deduct	*-0.81*	
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.05	0.72
		For >500, Deduct	*-1.02*	
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	9.28	1.00
		For >500, Deduct	*-1.34*	
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	11.26	1.27
		For >500, Deduct	*-1.61*	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	13.60	1.54
		For >500, Deduct	*-1.94*	

05 15 16 00-0060 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	1.99	0.18
		For >500, Deduct	*-0.33*	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.41	0.18
		For >500, Deduct	*-0.39*	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.87	0.27
		For >500, Deduct	*-0.45*	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.00	0.36
		For >500, Deduct	*-0.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.07	0.36
		For >500, Deduct	*-0.62*	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.60	0.63
		For >500, Deduct	*-0.83*	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.43	0.72
		For >500, Deduct	*-1.10*	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	9.41	1.00
		For >500, Deduct	*-1.37*	

05 15 16 00-0069 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope *(05 15 16)*

05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.02	0.09
		For >500, Deduct	*-0.37*	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.19	0.09
		For >500, Deduct	*-0.39*	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.58	0.18
		For >500, Deduct	*-0.45*	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.47	0.18
		For >500, Deduct	*-0.60*	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.94	0.18
		For >500, Deduct	*-0.69*	
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	4.61	0.36
		For >500, Deduct	*-0.76*	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	5.49	0.36
		For >500, Deduct	*-0.90*	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	7.56	0.54
		For >500, Deduct	*-1.23*	

05 15 16 00-0078 7x7, Galvanized Finish, Aircraft Cable *(05 15 16)*

05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.25	0.06
		For >500, Deduct	*-0.03*	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.28	0.07
		For >500, Deduct	*-0.03*	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.31	0.08
		For >500, Deduct	*-0.04*	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.37	0.09
		For >500, Deduct	*-0.04*	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.45	0.09
		For >500, Deduct	*-0.06*	

05 15 16 00-0084 7x19, Galvanized Finish, Aircraft Cable *(05 15 16)*

05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.43	0.08
		For >500, Deduct	*-0.06*	
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.47	0.09
		For >500, Deduct	*-0.06*	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.54	0.09
		For >500, Deduct	*-0.07*	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.62	0.09
		For >500, Deduct	*-0.09*	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.93	0.09
		For >500, Deduct	*-0.14*	
05 15 16 00-0090	LF	3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.26	0.09
		For >500, Deduct	*-0.18*	

05 15 16 00-0091 Heavy Duty, Galvanized Steel, Wire Rope Thimbles *(05 15 16)*

05 15 16 00-0092	EA	1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	11.09	2.72
05 15 16 00-0093	EA	5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	12.34	2.72
05 15 16 00-0094	EA	3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	13.73	2.72
05 15 16 00-0095	EA	7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	17.54	2.72
05 15 16 00-0096	EA	1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	17.56	2.72
05 15 16 00-0097	EA	9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	17.56	2.72
05 15 16 00-0098	EA	5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	18.85	2.72
05 15 16 00-0099	EA	3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	33.92	4.17
05 15 16 00-0100	EA	7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	40.15	5.07
05 15 16 00-0101	EA	1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	70.97	8.34
05 15 16 00-0102	EA	1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	101.44	11.33
05 15 16 00-0103	EA	1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	101.44	11.33

05 15 16 00-0104 Galvanized Steel, Wire Rope Clips *(05 15 16)*

05 15 16 00-0105	EA	1/8" Diameter, Galvanized Steel, Wire Rope Clip	13.89	2.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0106	EA	3/16" Diameter, Galvanized Steel, Wire Rope Clip	14.19	2.72
05 15 16 00-0107	EA	1/4" Diameter, Galvanized Steel, Wire Rope Clip	16.23	2.72
05 15 16 00-0108	EA	5/16" Diameter, Galvanized Steel, Wire Rope Clip	16.55	2.72
05 15 16 00-0109	EA	3/8" Diameter, Galvanized Steel, Wire Rope Clip	17.00	2.72
05 15 16 00-0110	EA	7/16" Diameter, Galvanized Steel, Wire Rope Clip	21.39	2.72
05 15 16 00-0111	EA	1/2" Diameter, Galvanized Steel, Wire Rope Clip	21.72	2.72
05 15 16 00-0112	EA	9/16" Diameter, Galvanized Steel, Wire Rope Clip	24.89	2.72
05 15 16 00-0113	EA	5/8" Diameter, Galvanized Steel, Wire Rope Clip	25.35	2.72
05 15 16 00-0114	EA	3/4" Diameter, Galvanized Steel, Wire Rope Clip	34.72	3.62
05 15 16 00-0115	EA	7/8" Diameter, Galvanized Steel, Wire Rope Clip	51.90	5.44
05 15 16 00-0116	EA	1" Diameter, Galvanized Steel, Wire Rope Clip	57.09	5.44
05 15 16 00-0117	EA	1-1/8" Diameter, Galvanized Steel, Wire Rope Clip	67.06	7.25
05 15 16 00-0118	EA	1-1/4" Diameter, Galvanized Steel, Wire Rope Clip	97.40	10.88

05 15 16 00-0119 Steel, Open Swage Sockets *(05 15 16)*

05 15 16 00-0120	EA	1/4" Diameter, Steel, Open Swage Socket	64.17	2.72
05 15 16 00-0121	EA	5/16" Diameter, Steel, Open Swage Socket	101.66	2.72
05 15 16 00-0122	EA	3/8" Diameter, Steel, Open Swage Socket	105.25	3.62
05 15 16 00-0123	EA	7/16" Diameter, Steel, Open Swage Socket	125.56	4.53
05 15 16 00-0124	EA	1/2" Diameter, Steel, Open Swage Socket	125.56	4.53
05 15 16 00-0125	EA	9/16" Diameter, Steel, Open Swage Socket	185.89	9.97
05 15 16 00-0126	EA	5/8" Diameter, Steel, Open Swage Socket	185.89	9.97
05 15 16 00-0127	EA	3/4" Diameter, Steel, Open Swage Socket	241.32	19.04
05 15 16 00-0128	EA	7/8" Diameter, Steel, Open Swage Socket	325.66	27.20
05 15 16 00-0129	EA	1" Diameter, Steel, Open Swage Socket	460.88	41.70
05 15 16 00-0130	EA	1-1/8" Diameter, Steel, Open Swage Socket	612.30	65.26
05 15 16 00-0131	EA	1-1/4" Diameter, Steel, Open Swage Socket	712.99	75.23

05 15 16 00-0132 Steel, Closed Swage Sockets *(05 15 16)*

05 15 16 00-0133	EA	1/4" Diameter, Steel, Closed Swage Socket	51.91	2.72
05 15 16 00-0134	EA	5/16" Diameter, Steel, Closed Swage Socket	69.74	2.72
05 15 16 00-0135	EA	3/8" Diameter, Steel, Closed Swage Socket	69.74	2.72
05 15 16 00-0136	EA	7/16" Diameter, Steel, Closed Swage Socket	87.21	3.62
05 15 16 00-0137	EA	1/2" Diameter, Steel, Closed Swage Socket	88.21	3.62
05 15 16 00-0138	EA	9/16" Diameter, Steel, Closed Swage Socket	122.14	6.35
05 15 16 00-0139	EA	5/8" Diameter, Steel, Closed Swage Socket	126.46	7.25
05 15 16 00-0140	EA	3/4" Diameter, Steel, Closed Swage Socket	157.70	11.78
05 15 16 00-0141	EA	7/8" Diameter, Steel, Closed Swage Socket	205.26	17.23
05 15 16 00-0142	EA	1" Diameter, Steel, Closed Swage Socket	293.50	23.56
05 15 16 00-0143	EA	1-1/8" Diameter, Steel, Closed Swage Socket	365.61	32.63
05 15 16 00-0144	EA	1-1/4" Diameter, Steel, Closed Swage Socket	499.91	50.76

05 15 16 00-0145 Galvanized Steel, Open Spelter Sockets *(05 15 16)*

05 15 16 00-0146	EA	1/4" Galvanized Steel, Open Spelter Socket	106.44	2.72
05 15 16 00-0147	EA	5/16" Galvanized Steel, Open Spelter Socket	109.60	2.72
05 15 16 00-0148	EA	3/8" Galvanized Steel, Open Spelter Socket	109.60	2.72
05 15 16 00-0149	EA	7/16" Galvanized Steel, Open Spelter Socket	123.72	5.44
05 15 16 00-0150	EA	1/2" Galvanized Steel, Open Spelter Socket	123.72	5.44
05 15 16 00-0151	EA	9/16" Galvanized Steel, Open Spelter Socket	163.66	9.07
05 15 16 00-0152	EA	5/8" Galvanized Steel, Open Spelter Socket	163.66	9.07
05 15 16 00-0153	EA	3/4" Galvanized Steel, Open Spelter Socket	208.73	13.59
05 15 16 00-0154	EA	7/8" Galvanized Steel, Open Spelter Socket	313.65	22.66
05 15 16 00-0155	EA	1" Galvanized Steel, Open Spelter Socket	566.30	35.35
05 15 16 00-0156	EA	1-1/8" Galvanized Steel, Open Spelter Socket	675.84	57.10
05 15 16 00-0157	EA	1-1/4" Galvanized Steel, Open Spelter Socket	912.84	75.23

05 15 16 00-0158 Galvanized Steel, Closed Spelter Sockets *(05 15 16)*

05 15 16 00-0159	EA	1/4" Galvanized Steel, Closed Spelter Socket	89.48	2.72
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket	89.87	2.72
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket	89.87	2.72
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket	101.69	4.53
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket	101.69	4.53
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket	143.63	8.16
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket	143.63	8.16
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket	177.67	11.78
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket	259.89	18.13
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket	393.09	28.10
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket	515.03	38.07
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket	650.67	50.76

05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles *(05 15 16)*

05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle	61.99	2.72
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-7.94*	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle	66.39	2.72
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-8.60*	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	74.54	2.72
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-9.82*	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	83.34	3.62
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-10.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	109.53	4.53
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-13.60*	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	124.48	5.44
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-15.40*	
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	127.50	7.25
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-14.94*	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	157.16	7.25
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-19.04*	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	178.17	8.16
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-21.87*	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	172.05	9.97
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-20.02*	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	196.38	11.78
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-22.30*	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	241.57	12.69
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-28.47*	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	290.64	15.40
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-34.22*	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	332.85	21.75
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-36.98*	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	403.18	25.38
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-45.37*	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	345.32	21.75
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-38.85*	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	397.08	28.10
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-42.57*	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	542.32	35.35
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-60.43*	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	607.64	41.70
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-66.43*	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	679.45	50.76
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-71.70*	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	818.13	57.10
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-88.73*	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,055.14	65.26
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-119.42*	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,046.27	69.80
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-115.11*	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,158.73	90.64
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-119.42*	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	2,059.92	117.83
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-241.01*	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	3,400.41	226.60
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-374.10*	

05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts *(05 15 16)*

05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	13.68
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	13.74
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	15.40
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	18.36
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	18.28
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	24.80
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	29.62
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	39.81
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	53.06
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	76.89
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	91.39
05 15 16 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	165.25
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	189.45
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	234.09

05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts *(05 15 16)*

05 15 16 00-0214	EA	1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	17.80
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	16.15
05 15 16 00-0216	EA	5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.63
05 15 16 00-0217	EA	5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	14.77
05 15 16 00-0218	EA	3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	19.67
05 15 16 00-0219	EA	3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	29.29
05 15 16 00-0220	EA	3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	28.44
05 15 16 00-0221	EA	3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	27.06
05 15 16 00-0222	EA	3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	24.33
05 15 16 00-0223	EA	3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	25.11
05 15 16 00-0224	EA	1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	22.33
05 15 16 00-0225	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	17.99
05 15 16 00-0226	EA	1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.19
05 15 16 00-0227	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	31.39
05 15 16 00-0228	EA	1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	24.03
05 15 16 00-0229	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	38.19
05 15 16 00-0230	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.73
05 15 16 00-0231	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	30.87
05 15 16 00-0232	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	36.16
05 15 16 00-0233	EA	5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	36.73
05 15 16 00-0234	EA	5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	32.80
05 15 16 00-0235	EA	5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	41.05
05 15 16 00-0236	EA	5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	46.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0237	EA	5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	54.01	
05 15 16 00-0238	EA	5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	44.79	
05 15 16 00-0239	EA	3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	44.71	
05 15 16 00-0240	EA	3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	45.60	
05 15 16 00-0241	EA	3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	50.32	
05 15 16 00-0242	EA	3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	54.23	
05 15 16 00-0243	EA	3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	63.21	
05 15 16 00-0244	EA	1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	83.48	

05 15 19 Stainless Steel Wire Rope Assemblies *(05 15)*

05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0002	LF	1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.36	0.06
		For >500, Deduct	*-0.05*	
05 15 19 00-0003	LF	3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.47	0.07
		For >500, Deduct	*-0.07*	
05 15 19 00-0004	LF	1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.65	0.08
		For >500, Deduct	*-0.10*	
05 15 19 00-0005	LF	5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.89	0.09
		For >500, Deduct	*-0.15*	
05 15 19 00-0006	LF	3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	1.13	0.09
		For >500, Deduct	*-0.19*	

05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0008	LF	1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.76	0.08
		For >500, Deduct	*-0.13*	
05 15 19 00-0009	LF	5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.90	0.09
		For >500, Deduct	*-0.15*	
05 15 19 00-0010	LF	3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.06	0.09
		For >500, Deduct	*-0.18*	
05 15 19 00-0011	LF	1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.43	0.09
		For >500, Deduct	*-0.25*	
05 15 19 00-0012	LF	5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	2.16	0.09
		For >500, Deduct	*-0.38*	
05 15 19 00-0013	LF	3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	3.26	0.18
		For >500, Deduct	*-0.58*	

05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0015	LF	1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.36	0.06
		For >500, Deduct	*-0.05*	
05 15 19 00-0016	LF	3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.47	0.07
		For >500, Deduct	*-0.07*	
05 15 19 00-0017	LF	1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.65	0.08
		For >500, Deduct	*-0.10*	
05 15 19 00-0018	LF	5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.89	0.09
		For >500, Deduct	*-0.15*	
05 15 19 00-0019	LF	3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	1.13	0.09
		For >500, Deduct	*-0.19*	

05 15 19 00-0020 7x19, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0021	LF	1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.76	0.08
		For >500, Deduct	*-0.13*	
05 15 19 00-0022	LF	5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.90	0.09
		For >500, Deduct	*-0.15*	
05 15 19 00-0023	LF	3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.06	0.09
		For >500, Deduct	*-0.18*	
05 15 19 00-0024	LF	1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.43	0.09
		For >500, Deduct	*-0.25*	
05 15 19 00-0025	LF	5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	2.16	0.09
		For >500, Deduct	*-0.38*	
05 15 19 00-0026	LF	3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	3.26	0.09
		For >500, Deduct	*-0.58*	

05 20 Metal Joists *(05)*

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing *(05 20)*

05 21 19 Open Web Steel Joist Framing *(05 21)*

05 21 19 00-0001	TON	H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,415.55	154.63
		For Welded Cross Bridging, Add	*193.28*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*212.55*	
05 21 19 00-0002	TON	H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging	2,217.44	144.97
		For Welded Cross Bridging, Add	*171.80*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*197.37*	
05 21 19 00-0003	TON	LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging	2,679.20	144.97
		For Welded Cross Bridging, Add	*178.41*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*250.14*	
05 21 19 00-0004	TON	DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging	3,049.78	144.97
		For Welded Cross Bridging, Add	*178.41*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*294.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 21 19 00-0005	TON	CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,682.44	144.97
		For Welded Cross Bridging, Add	*193.28*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*244.58*	
05 21 19 00-0006	TON	SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging	3,374.03	144.97
		For Welded Cross Bridging, Add	*178.41*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*333.52*	

05 30 Metal Decking *(05)*

Note: Includes all connecting bolts and welds.

05 31 Steel Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete where required.

05 31 13 Steel Floor Decking *(05 31)*

Note: Floor or roof decking

05 31 13 00-0001 Open Ribbed Galvanized Steel Deck *(05 31 13)*

05 31 13 00-0002	SF	1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.59	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Site Installed Insulation Between Ribs, Add	*0.98*	
		For Up To 100, Add	*1.28*	
		For >100 To 500, Add	*0.67*	
		For >500 To 1,500, Add	*0.26*	
05 31 13 00-0003	SF	1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.11	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Site Installed Insulation Between Ribs, Add	*1.12*	
		For Up To 100, Add	*1.49*	
		For >100 To 500, Add	*0.77*	
		For >500 To 1,500, Add	*0.30*	
05 31 13 00-0004	SF	1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.13	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Site Installed Insulation Between Ribs, Add	*1.39*	
		For Up To 100, Add	*1.82*	
		For >100 To 500, Add	*0.95*	
		For >500 To 1,500, Add	*0.36*	
05 31 13 00-0005	SF	1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.95	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Site Installed Insulation Between Ribs, Add	*1.07*	
		For Up To 100, Add	*1.43*	
		For >100 To 500, Add	*0.74*	
		For >500 To 1,500, Add	*0.29*	
05 31 13 00-0006	SF	1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.55	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Site Installed Insulation Between Ribs, Add	*1.24*	
		For Up To 100, Add	*1.64*	
		For >100 To 500, Add	*0.85*	
		For >500 To 1,500, Add	*0.33*	
05 31 13 00-0007	SF	1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.69	
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Site Installed Insulation Between Ribs, Add	*1.54*	
		For Up To 100, Add	*2.02*	
		For >100 To 500, Add	*1.05*	
		For >500 To 1,500, Add	*0.40*	
05 31 13 00-0008	SF	2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.45	0.61
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Site Installed Insulation Between Ribs, Add	*1.20*	
		For Up To 100, Add	*1.54*	
		For >100 To 500, Add	*0.81*	
		For >500 To 1,500, Add	*0.31*	
05 31 13 00-0009	SF	2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	5.14	0.69
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Site Installed Insulation Between Ribs, Add	*1.39*	
		For Up To 100, Add	*1.76*	
		For >100 To 500, Add	*0.93*	
		For >500 To 1,500, Add	*0.35*	
05 31 13 00-0010	SF	2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	6.41	0.85
		For Painted, Deduct	*-0.24*	
		For Perforated Or Slotted, Add	*0.24*	
		For Site Installed Insulation Between Ribs, Add	*1.73*	
		For Up To 100, Add	*2.17*	
		For >100 To 500, Add	*1.15*	
		For >500 To 1,500, Add	*0.43*	
05 31 13 00-0011	SF	2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	7.79	0.85
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Site Installed Insulation Between Ribs, Add	*2.08*	
		For Up To 100, Add	*2.31*	
		For >100 To 500, Add	*1.29*	
		For >500 To 1,500, Add	*0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0012	SF	3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.93	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Site Installed Insulation Between Ribs, Add	*1.33*	
		For Up To 100, Add	*1.65*	
		For >100 To 500, Add	*0.88*	
		For >500 To 1,500, Add	*0.32*	
05 31 13 00-0013	SF	3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	5.74	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Site Installed Insulation Between Ribs, Add	*1.54*	
		For Up To 100, Add	*1.88*	
		For >100 To 500, Add	*1.01*	
		For >500 To 1,500, Add	*0.36*	
05 31 13 00-0014	SF	3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	7.14	
		For Painted, Deduct	*-0.27*	
		For Perforated Or Slotted, Add	*0.27*	
		For Site Installed Insulation Between Ribs, Add	*1.92*	
		For Up To 100, Add	*2.33*	
		For >100 To 500, Add	*1.25*	
		For >500 To 1,500, Add	*0.45*	
05 31 13 00-0015	SF	3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	8.96	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Site Installed Insulation Between Ribs, Add	*2.40*	
		For Up To 100, Add	*2.85*	
		For >100 To 500, Add	*1.55*	
		For >500 To 1,500, Add	*0.54*	
05 31 13 00-0016	SF	4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	12.75	
		For Painted, Deduct	*-0.54*	
		For Perforated Or Slotted, Add	*0.54*	
		For Site Installed Insulation Between Ribs, Add	*3.33*	
		For Up To 100, Add	*3.04*	
		For >100 To 500, Add	*1.86*	
		For >500 To 1,500, Add	*0.49*	
05 31 13 00-0017	SF	4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	16.10	
		For Painted, Deduct	*-0.69*	
		For Perforated Or Slotted, Add	*0.69*	
		For Site Installed Insulation Between Ribs, Add	*4.21*	
		For Up To 100, Add	*3.75*	
		For >100 To 500, Add	*2.32*	
		For >500 To 1,500, Add	*0.60*	
05 31 13 00-0018	SF	6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	14.41	
		For Painted, Deduct	*-0.63*	
		For Perforated Or Slotted, Add	*0.63*	
		For Site Installed Insulation Between Ribs, Add	*3.73*	
		For Up To 100, Add	*3.02*	
		For >100 To 500, Add	*1.97*	
		For >500 To 1,500, Add	*0.44*	
05 31 13 00-0019	SF	6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	15.26	
		For Painted, Deduct	*-0.65*	
		For Perforated Or Slotted, Add	*0.65*	
		For Site Installed Insulation Between Ribs, Add	*3.98*	
		For Up To 100, Add	*3.48*	
		For >100 To 500, Add	*2.18*	
		For >500 To 1,500, Add	*0.54*	
05 31 13 00-0020	SF	6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	19.03	
		For Painted, Deduct	*-0.82*	
		For Perforated Or Slotted, Add	*0.82*	
		For Site Installed Insulation Between Ribs, Add	*4.96*	
		For Up To 100, Add	*4.28*	
		For >100 To 500, Add	*2.70*	
		For >500 To 1,500, Add	*0.66*	
05 31 13 00-0021	SF	7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	16.86	
		For Painted, Deduct	*-0.72*	
		For Perforated Or Slotted, Add	*0.72*	
		For Site Installed Insulation Between Ribs, Add	*4.40*	
		For Up To 100, Add	*3.83*	
		For >100 To 500, Add	*2.40*	
		For >500 To 1,500, Add	*0.60*	
05 31 13 00-0022	SF	7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	20.98	
		For Painted, Deduct	*-0.90*	
		For Perforated Or Slotted, Add	*0.90*	
		For Site Installed Insulation Between Ribs, Add	*5.46*	
		For Up To 100, Add	*4.70*	
		For >100 To 500, Add	*2.97*	
		For >500 To 1,500, Add	*0.72*	

05 31 13 00-0023 Cellular Galvanized Steel Deck *(05 31 13)*

Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.

05 31 13 00-0024	SF	1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	11.24	
		For Painted, Deduct	*-0.47*	
		For Perforated Or Slotted, Add	*0.47*	
		For Insulated Cells, Add	*2.12*	
		For Site Installed Insulation Between Ribs, Add	*2.95*	
		For Up To 100, Add	*2.77*	
		For >100 To 500, Add	*1.67*	
		For >500 To 1,500, Add	*0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0025	SF	1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	12.40	
		For Painted, Deduct	*-0.50*	
		For Perforated Or Slotted, Add	*0.50*	
		For Insulated Cells, Add	*2.24*	
		For Site Installed Insulation Between Ribs, Add	*3.28*	
		For Up To 100, Add	*3.43*	
		For >100 To 500, Add	*1.97*	
		For >500 To 1,500, Add	*0.61*	
05 31 13 00-0026	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	13.68	
		For Painted, Deduct	*-0.59*	
		For Perforated Or Slotted, Add	*0.59*	
		For Insulated Cells, Add	*2.65*	
		For Site Installed Insulation Between Ribs, Add	*3.56*	
		For Up To 100, Add	*3.10*	
		For >100 To 500, Add	*1.94*	
		For >500 To 1,500, Add	*0.48*	
05 31 13 00-0027	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	14.99	
		For Painted, Deduct	*-0.62*	
		For Perforated Or Slotted, Add	*0.62*	
		For Insulated Cells, Add	*2.80*	
		For Site Installed Insulation Between Ribs, Add	*3.94*	
		For Up To 100, Add	*3.80*	
		For >100 To 500, Add	*2.27*	
		For >500 To 1,500, Add	*0.64*	
05 31 13 00-0028	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	15.74	
		For Painted, Deduct	*-0.67*	
		For Perforated Or Slotted, Add	*0.67*	
		For Insulated Cells, Add	*3.02*	
		For Site Installed Insulation Between Ribs, Add	*4.11*	
		For Up To 100, Add	*3.68*	
		For >100 To 500, Add	*2.28*	
		For >500 To 1,500, Add	*0.59*	
05 31 13 00-0029	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	18.73	
		For Painted, Deduct	*-0.80*	
		For Perforated Or Slotted, Add	*0.80*	
		For Insulated Cells, Add	*3.61*	
		For Site Installed Insulation Between Ribs, Add	*4.88*	
		For Up To 100, Add	*4.29*	
		For >100 To 500, Add	*2.68*	
		For >500 To 1,500, Add	*0.67*	
05 31 13 00-0030	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	20.97	
		For Painted, Deduct	*-0.90*	
		For Perforated Or Slotted, Add	*0.90*	
		For Insulated Cells, Add	*4.07*	
		For Site Installed Insulation Between Ribs, Add	*5.46*	
		For Up To 100, Add	*4.70*	
		For >100 To 500, Add	*2.96*	
		For >500 To 1,500, Add	*0.72*	
05 31 13 00-0031	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	22.83	
		For Painted, Deduct	*-0.98*	
		For Perforated Or Slotted, Add	*0.98*	
		For Insulated Cells, Add	*4.40*	
		For Site Installed Insulation Between Ribs, Add	*5.95*	
		For Up To 100, Add	*5.24*	
		For >100 To 500, Add	*3.27*	
		For >500 To 1,500, Add	*0.82*	
05 31 13 00-0032	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	23.84	
		For Painted, Deduct	*-1.08*	
		For Perforated Or Slotted, Add	*1.08*	
		For Insulated Cells, Add	*4.85*	
		For Site Installed Insulation Between Ribs, Add	*6.13*	
		For Up To 100, Add	*4.45*	
		For >100 To 500, Add	*3.07*	
		For >500 To 1,500, Add	*0.58*	
05 31 13 00-0033	SF	4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	25.49	
		For Painted, Deduct	*-1.14*	
		For Perforated Or Slotted, Add	*1.14*	
		For Insulated Cells, Add	*5.12*	
		For Site Installed Insulation Between Ribs, Add	*6.58*	
		For Up To 100, Add	*5.01*	
		For >100 To 500, Add	*3.37*	
		For >500 To 1,500, Add	*0.68*	
05 31 13 00-0034	SF	4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	26.96	
		For Painted, Deduct	*-1.20*	
		For Perforated Or Slotted, Add	*1.20*	
		For Insulated Cells, Add	*5.40*	
		For Site Installed Insulation Between Ribs, Add	*6.96*	
		For Up To 100, Add	*5.34*	
		For >100 To 500, Add	*3.58*	
		For >500 To 1,500, Add	*0.74*	
05 31 13 00-0035	SF	4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	28.77	
		For Painted, Deduct	*-1.28*	
		For Perforated Or Slotted, Add	*1.28*	
		For Insulated Cells, Add	*5.76*	
		For Site Installed Insulation Between Ribs, Add	*7.43*	
		For Up To 100, Add	*5.72*	
		For >100 To 500, Add	*3.83*	
		For >500 To 1,500, Add	*0.79*	

05 31 23 Steel Roof Decking *(05 31)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

See CSI section 05 31 13 00-0000 for Steel floor or roof decking.

05 31 33 Steel Form Decking *(05 31)*

05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck *(05 31 33)*

05 31 33 00-0002	SF	9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck	2.72	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*0.97*	
		For >100 To 500, Add	*0.50*	
		For >500 To 1,500, Add	*0.19*	
05 31 33 00-0003	SF	9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	2.88	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*1.02*	
		For >100 To 500, Add	*0.53*	
		For >500 To 1,500, Add	*0.20*	
05 31 33 00-0004	SF	9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	3.17	
		For Painted, Deduct	*-0.11*	
		For Perforated Or Slotted, Add	*0.11*	
		For Up To 100, Add	*1.15*	
		For >100 To 500, Add	*0.60*	
		For >500 To 1,500, Add	*0.23*	
05 31 33 00-0005	SF	9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	3.44	
		For Painted, Deduct	*-0.12*	
		For Perforated Or Slotted, Add	*0.12*	
		For Up To 100, Add	*1.31*	
		For >100 To 500, Add	*0.67*	
		For >500 To 1,500, Add	*0.27*	
05 31 33 00-0006	SF	15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	3.29	
		For Painted, Deduct	*-0.12*	
		For Perforated Or Slotted, Add	*0.12*	
		For Up To 100, Add	*1.06*	
		For >100 To 500, Add	*0.57*	
		For >500 To 1,500, Add	*0.20*	
05 31 33 00-0007	SF	15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck	3.45	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Up To 100, Add	*1.11*	
		For >100 To 500, Add	*0.60*	
		For >500 To 1,500, Add	*0.21*	
05 31 33 00-0008	SF	15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	3.62	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Up To 100, Add	*1.20*	
		For >100 To 500, Add	*0.64*	
		For >500 To 1,500, Add	*0.23*	
05 31 33 00-0009	SF	15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	3.86	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Up To 100, Add	*1.35*	
		For >100 To 500, Add	*0.71*	
		For >500 To 1,500, Add	*0.27*	
05 31 33 00-0010	SF	1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	4.07	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*1.41*	
		For >100 To 500, Add	*0.74*	
		For >500 To 1,500, Add	*0.28*	
05 31 33 00-0011	SF	1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	4.45	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.48*	
		For >100 To 500, Add	*0.79*	
		For >500 To 1,500, Add	*0.29*	
05 31 33 00-0012	SF	1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	5.13	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*1.63*	
		For >100 To 500, Add	*0.89*	
		For >500 To 1,500, Add	*0.31*	
05 31 33 00-0013	SF	1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck	5.67	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Up To 100, Add	*1.83*	
		For >100 To 500, Add	*0.99*	
		For >500 To 1,500, Add	*0.35*	

05 36 Composite Metal Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF	1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.11	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*1.41*	
		For >100 To 500, Add	*0.74*	
		For >500 To 1,500, Add	*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0003	SF	1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	4.39	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.56*	
		For >100 To 500, Add	*0.81*	
		For >500 To 1,500, Add	*0.31*	
05 36 00 00-0004	SF	1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	4.86	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.86*	
		For >100 To 500, Add	*0.95*	
		For >500 To 1,500, Add	*0.38*	
05 36 00 00-0005	SF	1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	5.27	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*2.17*	
		For >100 To 500, Add	*1.08*	
		For >500 To 1,500, Add	*0.46*	
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.39	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*1.56*	
		For >100 To 500, Add	*0.81*	
		For >500 To 1,500, Add	*0.31*	
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	4.73	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.70*	
		For >100 To 500, Add	*0.88*	
		For >500 To 1,500, Add	*0.34*	
05 36 00 00-0008	SF	2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.21	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*2.02*	
		For >100 To 500, Add	*1.02*	
		For >500 To 1,500, Add	*0.42*	
05 36 00 00-0009	SF	2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	5.65	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*2.33*	
		For >100 To 500, Add	*1.15*	
		For >500 To 1,500, Add	*0.49*	
05 36 00 00-0010	SF	3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.61	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.61*	
		For >100 To 500, Add	*0.85*	
		For >500 To 1,500, Add	*0.32*	
05 36 00 00-0011	SF	3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	4.93	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*1.80*	
		For >100 To 500, Add	*0.93*	
		For >500 To 1,500, Add	*0.36*	
05 36 00 00-0012	SF	3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.48	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*2.16*	
		For >100 To 500, Add	*1.09*	
		For >500 To 1,500, Add	*0.45*	
05 36 00 00-0013	SF	3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	6.08	
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Up To 100, Add	*2.53*	
		For >100 To 500, Add	*1.25*	
		For >500 To 1,500, Add	*0.53*	

05 36 00 00-0014 Composite Cellular Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.

05 36 00 00-0015	SF	1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	7.54	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.25*	
		For Up To 100, Add	*2.55*	
		For >100 To 500, Add	*1.35*	
		For >500 To 1,500, Add	*0.50*	
05 36 00 00-0016	SF	1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	8.04	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.31*	
		For Up To 100, Add	*2.79*	
		For >100 To 500, Add	*1.47*	
		For >500 To 1,500, Add	*0.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0017	SF	1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	8.13	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.31*	
		For Up To 100, Add	*2.88*	
		For >100 To 500, Add	*1.50*	
		For >500 To 1,500, Add	*0.58*	
05 36 00 00-0018	SF	1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	8.61	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.36*	
		For Up To 100, Add	*3.17*	
		For >100 To 500, Add	*1.63*	
		For >500 To 1,500, Add	*0.64*	
05 36 00 00-0019	SF	1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	9.21	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.45*	
		For Up To 100, Add	*3.41*	
		For >100 To 500, Add	*1.75*	
		For >500 To 1,500, Add	*0.69*	
05 36 00 00-0020	SF	1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	9.29	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.45*	
		For Up To 100, Add	*3.49*	
		For >100 To 500, Add	*1.78*	
		For >500 To 1,500, Add	*0.71*	
05 36 00 00-0021	SF	1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	9.77	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.50*	
		For Up To 100, Add	*3.78*	
		For >100 To 500, Add	*1.91*	
		For >500 To 1,500, Add	*0.78*	
05 36 00 00-0022	SF	2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	7.78	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.27*	
		For Up To 100, Add	*2.70*	
		For >100 To 500, Add	*1.42*	
		For >500 To 1,500, Add	*0.53*	
05 36 00 00-0023	SF	2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	8.20	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.33*	
		For Up To 100, Add	*2.89*	
		For >100 To 500, Add	*1.51*	
		For >500 To 1,500, Add	*0.58*	
05 36 00 00-0024	SF	2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	8.28	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.33*	
		For Up To 100, Add	*2.97*	
		For >100 To 500, Add	*1.54*	
		For >500 To 1,500, Add	*0.60*	
05 36 00 00-0025	SF	2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	8.87	
		For Painted, Deduct	*-0.31*	
		For Perforated Or Slotted, Add	*0.31*	
		For Insulated Cells, Add	*1.40*	
		For Up To 100, Add	*3.26*	
		For >100 To 500, Add	*1.68*	
		For >500 To 1,500, Add	*0.66*	
05 36 00 00-0026	SF	2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	9.37	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.47*	
		For Up To 100, Add	*3.50*	
		For >100 To 500, Add	*1.79*	
		For >500 To 1,500, Add	*0.71*	
05 36 00 00-0027	SF	2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	9.50	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.47*	
		For Up To 100, Add	*3.63*	
		For >100 To 500, Add	*1.84*	
		For >500 To 1,500, Add	*0.75*	
05 36 00 00-0028	SF	2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	10.01	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.53*	
		For Up To 100, Add	*3.88*	
		For >100 To 500, Add	*1.96*	
		For >500 To 1,500, Add	*0.80*	
05 36 00 00-0029	SF	3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	7.81	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.28*	
		For Up To 100, Add	*2.70*	
		For >100 To 500, Add	*1.42*	
		For >500 To 1,500, Add	*0.53*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0030		SF	3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	8.24	
			For Painted, Deduct	*-0.30*	
			For Perforated Or Slotted, Add	*0.30*	
			For Insulated Cells, Add	*1.33*	
			For Up To 100, Add	*2.93*	
			For >100 To 500, Add	*1.53*	
			For >500 To 1,500, Add	*0.59*	
05 36 00 00-0031		SF	3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	8.37	
			For Painted, Deduct	*-0.30*	
			For Perforated Or Slotted, Add	*0.30*	
			For Insulated Cells, Add	*1.33*	
			For Up To 100, Add	*3.06*	
			For >100 To 500, Add	*1.58*	
			For >500 To 1,500, Add	*0.62*	
05 36 00 00-0032		SF	3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	8.94	
			For Painted, Deduct	*-0.31*	
			For Perforated Or Slotted, Add	*0.31*	
			For Insulated Cells, Add	*1.41*	
			For Up To 100, Add	*3.31*	
			For >100 To 500, Add	*1.70*	
			For >500 To 1,500, Add	*0.67*	
05 36 00 00-0033		SF	3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	9.51	
			For Painted, Deduct	*-0.33*	
			For Perforated Or Slotted, Add	*0.33*	
			For Insulated Cells, Add	*1.49*	
			For Up To 100, Add	*3.55*	
			For >100 To 500, Add	*1.82*	
			For >500 To 1,500, Add	*0.72*	
05 36 00 00-0034		SF	3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	9.68	
			For Painted, Deduct	*-0.33*	
			For Perforated Or Slotted, Add	*0.33*	
			For Insulated Cells, Add	*1.49*	
			For Up To 100, Add	*3.72*	
			For >100 To 500, Add	*1.89*	
			For >500 To 1,500, Add	*0.77*	
05 36 00 00-0035		SF	3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	10.09	
			For Painted, Deduct	*-0.34*	
			For Perforated Or Slotted, Add	*0.34*	
			For Insulated Cells, Add	*1.53*	
			For Up To 100, Add	*3.96*	
			For >100 To 500, Add	*1.99*	
			For >500 To 1,500, Add	*0.82*	

05 36 00 00-0036 Non-Cellular, Composite Deck, Galvanized *(05 36)*

05 36 00 00-0037		SF	1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	5.96	
05 36 00 00-0038		SF	1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	4.87	
05 36 00 00-0039		SF	1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	4.02	
05 36 00 00-0040		SF	1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	3.45	
05 36 00 00-0041		SF	1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	6.57	
05 36 00 00-0042		SF	1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	5.32	
05 36 00 00-0043		SF	1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	4.39	
05 36 00 00-0044		SF	1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	3.76	
05 36 00 00-0045		SF	3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	7.57	
05 36 00 00-0046		SF	3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	6.02	
05 36 00 00-0047		SF	3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	5.01	
05 36 00 00-0048		SF	3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	4.52	

05 40 Cold-Formed Metal Framing *(05)*

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing *(05 40)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0002		SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	3.58	0.81
			For Walls >10' High, Add	*0.72*	
			For Curved Wall, Add	*0.57*	
			For Up To 200, Add	*1.09*	
			For >200 To 500, Add	*0.55*	
			For 12" On Center, Add	*0.62*	
			For 24" On Center, Deduct	*-0.62*	
05 41 00 00-0003		SF	3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	3.97	0.81
			For Walls >10' High, Add	*0.79*	
			For Curved Wall, Add	*0.60*	
			For Up To 200, Add	*1.19*	
			For >200 To 500, Add	*0.60*	
			For 12" On Center, Add	*0.69*	
			For 24" On Center, Deduct	*-0.69*	
05 41 00 00-0004		SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.14	0.81
			For Walls >10' High, Add	*0.83*	
			For Curved Wall, Add	*0.62*	
			For Up To 200, Add	*1.24*	
			For >200 To 500, Add	*0.62*	
			For 12" On Center, Add	*0.72*	
			For 24" On Center, Deduct	*-0.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.14	0.90
		For Walls >10' High, Add	*1.03*	
		For Curved Wall, Add	*0.65*	
		For Up To 200, Add	*1.46*	
		For >200 To 500, Add	*0.73*	
		For 12" On Center, Add	*0.92*	
		For 24" On Center, Deduct	*-0.92*	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.70	0.99
		For Walls >10' High, Add	*1.14*	
		For Curved Wall, Add	*0.68*	
		For Up To 200, Add	*1.59*	
		For >200 To 500, Add	*0.80*	
		For 12" On Center, Add	*1.03*	
		For 24" On Center, Deduct	*-1.03*	

05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	3.84	0.81
		For Walls >10' High, Add	*0.77*	
		For Curved Wall, Add	*0.60*	
		For Up To 200, Add	*1.17*	
		For >200 To 500, Add	*0.58*	
		For 12" On Center, Add	*0.67*	
		For 24" On Center, Deduct	*-0.67*	
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.39	0.82
		For Walls >10' High, Add	*0.88*	
		For Curved Wall, Add	*0.63*	
		For Up To 200, Add	*1.30*	
		For >200 To 500, Add	*0.65*	
		For 12" On Center, Add	*0.77*	
		For 24" On Center, Deduct	*-0.77*	
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.62	0.82
		For Walls >10' High, Add	*0.92*	
		For Curved Wall, Add	*0.65*	
		For Up To 200, Add	*1.36*	
		For >200 To 500, Add	*0.68*	
		For 12" On Center, Add	*0.82*	
		For 24" On Center, Deduct	*-0.82*	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.72	0.99
		For Walls >10' High, Add	*1.14*	
		For Curved Wall, Add	*0.68*	
		For Up To 200, Add	*1.60*	
		For >200 To 500, Add	*0.80*	
		For 12" On Center, Add	*1.03*	
		For 24" On Center, Deduct	*-1.03*	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.27	1.08
		For Walls >10' High, Add	*1.25*	
		For Curved Wall, Add	*0.71*	
		For Up To 200, Add	*1.73*	
		For >200 To 500, Add	*0.87*	
		For 12" On Center, Add	*1.14*	
		For 24" On Center, Deduct	*-1.14*	

05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.21	1.12
		For Walls >10' High, Add	*1.04*	
		For Curved Wall, Add	*0.75*	
		For Up To 200, Add	*1.54*	
		For >200 To 500, Add	*0.77*	
		For 12" On Center, Add	*0.92*	
		For 24" On Center, Deduct	*-0.92*	
05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.36	1.15
		For Walls >10' High, Add	*1.07*	
		For Curved Wall, Add	*0.77*	
		For Up To 200, Add	*1.58*	
		For >200 To 500, Add	*0.79*	
		For 12" On Center, Add	*0.94*	
		For 24" On Center, Deduct	*-0.94*	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.58	1.21
		For Walls >10' High, Add	*1.32*	
		For Curved Wall, Add	*0.80*	
		For Up To 200, Add	*1.85*	
		For >200 To 500, Add	*0.93*	
		For 12" On Center, Add	*1.18*	
		For 24" On Center, Deduct	*-1.18*	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.20	1.26
		For Walls >10' High, Add	*1.44*	
		For Curved Wall, Add	*0.84*	
		For Up To 200, Add	*2.00*	
		For >200 To 500, Add	*1.00*	
		For 12" On Center, Add	*1.30*	
		For 24" On Center, Deduct	*-1.30*	

05 42 Cold-Formed Metal Joist Framing *(05 40)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 42 13 Cold-Formed Metal Floor Joist Framing *(05 42)*

Note: Floor or roof joist framing

05 42 13 00-0001 Steel Joists, 20 Gauge *(05 42 13)*

05 42 13 00-0002	LF	5-1/2" - 20 Gauge Steel Joists	7.25	1.94
05 42 13 00-0003	LF	6" - 20 Gauge Steel Joists	8.03	2.43
05 42 13 00-0004	LF	7-1/4" - 20 Gauge Steel Joists	8.69	2.66
05 42 13 00-0005	LF	8" - 20 Gauge Steel Joists	9.69	2.83

05 42 13 00-0006 Steel Joists, 18 Gauge *(05 42 13)*

05 42 13 00-0007	LF	5-1/2" - 18 Gauge Steel Joists	8.07	2.15
05 42 13 00-0008	LF	6" - 18 Gauge Steel Joists	8.95	2.70
05 42 13 00-0009	LF	7-1/4" - 18 Gauge Steel Joists	9.71	2.96
05 42 13 00-0010	LF	8" - 18 Gauge Steel Joists	10.03	3.15

05 42 13 00-0011 Steel Joists, 16 Gauge *(05 42 13)*

05 42 13 00-0012	LF	7-1/4" - 16 Gauge Steel Joists	10.43	2.98
05 42 13 00-0013	LF	8" - 16 Gauge Steel Joists	11.01	3.15

05 42 13 00-0014 Steel Joists, 14 Gauge *(05 42 13)*

05 42 13 00-0015	LF	9-1/4" - 14 Gauge Steel Joists	12.29	3.15
05 42 13 00-0016	LF	11-1/2" - 14 Gauge Steel Joists	13.31	3.32

05 42 13 00-0017 Steel Joists, 12 Gauge *(05 42 13)*

05 42 13 00-0018	LF	9-1/4" - 12 Gauge Steel Joists	14.53	3.47
05 42 13 00-0019	LF	11-1/2" - 12 Gauge Steel Joists	15.85	3.66

05 42 13 00-0020 Steel Joists, 10 Gauge *(05 42 13)*

05 42 13 00-0021	LF	9-1/4" - 10 Gauge Steel Joists	16.81	3.82
05 42 13 00-0022	LF	11-1/2" - 10 Gauge Steel Joists	18.43	4.02

05 42 13 00-0023 Steel Joists, 8 Gauge *(05 42 13)*

05 42 13 00-0024	LF	9-1/4" - 8 Gauge Steel Joists	19.17	4.19
05 42 13 00-0025	LF	11-1/2" - 8 Gauge Steel Joists	21.04	4.42

05 42 23 Cold-Formed Metal Roof Joist Framing *(05 42)*

See CSI section 05 42 13 00-0000 for metal joist framing.

05 43 Slotted Channel Framing *(05 40)*

05 43 00 00-0001 Unistrut Channel *(05 43)*

Note: Excludes fasteners and accessories.

05 43 00 00-0002 Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	8.78	2.04
		For Galvanizing, Add	*0.80*	
		For Powder Coating, Add	*0.70*	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	9.01	2.04
		For Galvanizing, Add	*0.84*	
		For Powder Coating, Add	*0.74*	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	9.35	2.04
		For Galvanizing, Add	*0.89*	
		For Powder Coating, Add	*0.79*	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	8.32	2.04
		For Galvanizing, Add	*0.72*	
		For Powder Coating, Add	*0.63*	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	7.33	2.04
		For Galvanizing, Add	*0.55*	
		For Powder Coating, Add	*0.49*	

05 43 00 00-0008 Stainless Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0009 304 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*

05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	19.13	2.04
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	22.81	2.04
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	21.90	2.04
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	27.58	2.04

05 43 00 00-0014 316 Stainless Steel Unistrut Channel *(05 43 00 00-0008)*

05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	31.06	2.04

05 43 00 00-0016 Unistrut Closure Strips *(05 43)*

05 43 00 00-0017	LF	Steel Raceway Closure Strip For Unistrut Channel	4.44	0.45

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0018		Lock Nuts With Spring For Unistrut Channel *(05 43)* Note: Includes hex bolt.		
05 43 00 00-0019		Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0018)* Note: Includes hex bolt.		
05 43 00 00-0020	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	5.90	
05 43 00 00-0021	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	6.38	
05 43 00 00-0022	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	6.74	
05 43 00 00-0023	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	8.70	
05 43 00 00-0024		Stainless Steel Lock Nuts With Spring For Unistrut Channel *(05 43 00 00-0018)* Note: Includes hex bolt.		
05 43 00 00-0025	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	11.44	
05 43 00 00-0026	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	12.11	
05 43 00 00-0027	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	16.73	
05 43 00 00-0028	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	27.93	
05 43 00 00-0029		Lock Nuts Without Spring For Unistrut Channel *(05 43)* Note: Includes hex bolt.		
05 43 00 00-0030		Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0029)* Note: Includes hex bolt.		
05 43 00 00-0031	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	5.91	
05 43 00 00-0032	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	6.45	
05 43 00 00-0033	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	6.77	
05 43 00 00-0034	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	9.26	
05 43 00 00-0035		Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(05 43 00 00-0029)* Note: Includes hex bolt.		
05 43 00 00-0036	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	8.47	
05 43 00 00-0037	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	10.01	
05 43 00 00-0038	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	10.83	
05 43 00 00-0039	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	27.23	
05 43 00 00-0040		Beam Clamp For Unistrut Channel *(05 43)*		
05 43 00 00-0041	EA	Unistrut Beam Clamp, 1-5/8" Channel P2675	17.59	6.80
05 43 00 00-0042	EA	Unistrut Beam Clamp, 1-5/8" Channel P2676	21.31	6.80
05 43 00 00-0043	EA	Add For Unistrut Swivel Nut, P2676	2.02	
05 43 00 00-0044		Beam Clamp Clevis Hangers For Unistrut Channel *(05 43)*		
05 43 00 00-0045	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	18.88	6.80
05 43 00 00-0046	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	21.84	6.80
05 43 00 00-0047	EA	Add For Unistrut Swivel Nut	2.02	
05 43 00 00-0048	EA	6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut	107.97	9.07
05 43 00 00-0049		Pipe And Rigid Conduit Clamps *(05 43)*		
05 43 00 00-0050		Pipe And Rigid Conduit Clamps *(05 43 00 00-0049)* Note: Includes stainless steel (316) hardware.		
05 43 00 00-0051	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	6.69	1.89
05 43 00 00-0052	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	6.87	1.89
05 43 00 00-0053	PR	1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.81	2.29
05 43 00 00-0054	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	8.25	2.49
05 43 00 00-0055	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	10.68	2.80
05 43 00 00-0056	PR	2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	10.68	2.80
05 43 00 00-0057	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	16.20	4.69
05 43 00 00-0058	PR	3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	16.55	4.69
05 43 00 00-0059	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	17.61	5.19
05 43 00 00-0060	PR	4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	19.54	5.59
05 43 00 00-0061		Pipe And Rigid Conduit Clamps *(05 43 00 00-0049)* Note: Includes nylon hardware.		
05 43 00 00-0062	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	7.21	1.89
05 43 00 00-0063	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	7.42	1.89
05 43 00 00-0064	PR	1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	8.36	2.29
05 43 00 00-0065	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	8.82	2.49
05 43 00 00-0066	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	11.59	2.80
05 43 00 00-0067	PR	2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	11.59	2.80
05 43 00 00-0068	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	17.41	4.69
05 43 00 00-0069	PR	3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	17.83	4.69
05 43 00 00-0070	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	18.91	5.19
05 43 00 00-0071	PR	4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	21.02	5.59

05 44 Cold-Formed Metal Trusses *(05 40)*

05 44 13 Cold-Formed Metal Roof Trusses *(05 44)*

05 44 13 00-0001 Metal Trusses *(05 44 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 44 13 00-0002		**4:12 Pitch Metal Trusses** *(05 44 13 00-0001)*		
05 44 13 00-0003	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	419.50	87.94
		For 4" Chords, Deduct	*-72.48*	
		For 14 Gauge, Add	*101.02*	
		For 16 Gauge, Add	*38.10*	
05 44 13 00-0004	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	434.79	88.71
		For 4" Chords, Deduct	*-76.94*	
		For 14 Gauge, Add	*105.51*	
		For 16 Gauge, Add	*40.29*	
05 44 13 00-0005	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	446.84	89.49
		For 4" Chords, Deduct	*-80.34*	
		For 14 Gauge, Add	*108.99*	
		For 16 Gauge, Add	*41.96*	
05 44 13 00-0006	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	473.09	93.92
		For 4" Chords, Deduct	*-85.68*	
		For 14 Gauge, Add	*115.67*	
		For 16 Gauge, Add	*44.70*	
05 44 13 00-0007	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	496.12	98.35
		For 4" Chords, Deduct	*-89.96*	
		For 14 Gauge, Add	*121.34*	
		For 16 Gauge, Add	*46.92*	
05 44 13 00-0008	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	508.65	99.28
		For 4" Chords, Deduct	*-93.39*	
		For 14 Gauge, Add	*124.92*	
		For 16 Gauge, Add	*48.62*	
05 44 13 00-0009	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	524.42	100.22
		For 4" Chords, Deduct	*-97.90*	
		For 14 Gauge, Add	*129.50*	
		For 16 Gauge, Add	*50.84*	
05 44 13 00-0010	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	549.19	105.23
		For 4" Chords, Deduct	*-102.31*	
		For 14 Gauge, Add	*135.52*	
		For 16 Gauge, Add	*53.14*	
05 44 13 00-0011	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	577.20	110.24
		For 4" Chords, Deduct	*-107.80*	
		For 14 Gauge, Add	*142.55*	
		For 16 Gauge, Add	*55.97*	
05 44 13 00-0012	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	601.95	115.25
		For 4" Chords, Deduct	*-112.21*	
		For 14 Gauge, Add	*148.57*	
		For 16 Gauge, Add	*58.28*	
05 44 13 00-0013	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	629.96	120.26
		For 4" Chords, Deduct	*-117.69*	
		For 14 Gauge, Add	*155.60*	
		For 16 Gauge, Add	*61.11*	
05 44 13 00-0014		**5:12 To 6:12 Pitch Metal Trusses** *(05 44 13 00-0001)*		
05 44 13 00-0015	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	506.66	109.43
		For 4" Chords, Deduct	*-85.13*	
		For 14 Gauge, Add	*120.95*	
		For 16 Gauge, Add	*44.95*	
05 44 13 00-0016	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	522.77	110.48
		For 4" Chords, Deduct	*-89.66*	
		For 14 Gauge, Add	*125.60*	
		For 16 Gauge, Add	*47.19*	
05 44 13 00-0017	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	538.89	111.52
		For 4" Chords, Deduct	*-94.19*	
		For 14 Gauge, Add	*130.25*	
		For 16 Gauge, Add	*49.42*	
05 44 13 00-0018	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	573.88	118.86
		For 4" Chords, Deduct	*-100.23*	
		For 14 Gauge, Add	*138.68*	
		For 16 Gauge, Add	*52.60*	
05 44 13 00-0019	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	608.86	126.21
		For 4" Chords, Deduct	*-106.27*	
		For 14 Gauge, Add	*147.10*	
		For 16 Gauge, Add	*55.77*	
05 44 13 00-0020	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	541.08	127.53
		For 4" Chords, Deduct	*-104.09*	
		For 14 Gauge, Add	*134.97*	
		For 16 Gauge, Add	*53.81*	
05 44 13 00-0021	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	642.76	128.85
		For 4" Chords, Deduct	*-115.47*	
		For 14 Gauge, Add	*156.73*	
		For 16 Gauge, Add	*60.32*	
05 44 13 00-0022	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	675.07	135.30
		For 4" Chords, Deduct	*-121.30*	
		For 14 Gauge, Add	*164.62*	
		For 16 Gauge, Add	*63.36*	
05 44 13 00-0023	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	707.37	141.74
		For 4" Chords, Deduct	*-127.13*	
		For 14 Gauge, Add	*172.51*	
		For 16 Gauge, Add	*66.41*	
05 44 13 00-0024	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	739.67	148.18
		For 4" Chords, Deduct	*-132.95*	
		For 14 Gauge, Add	*180.40*	
		For 16 Gauge, Add	*69.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 44 13 00-0025	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	771.97	154.63
		For 4" Chords, Deduct	*-138.78*	
		For 14 Gauge, Add	*188.28*	
		For 16 Gauge, Add	*72.49*	

05 45 Metal Support Assemblies *(05 40)*

05 45 13 Mechanical Metal Supports *(05 45)*

See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports *(05 45)*

See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications *(05)*

05 51 Metal Stairs *(05 50)*

05 51 13 Metal Pan Stairs *(05 51)*

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001 Open Concrete Filled Metal Pan Stair And Landing *(05 51 13)*

Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.

05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair	608.45	26.41
		For Closed Riser, Add	*69.39*	
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair	692.07	30.82
		For Closed Riser, Add	*78.82*	
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair	772.37	36.10
		For Closed Riser, Add	*87.73*	
05 51 13 00-0005	SF	Concrete Filled Steel Pan Landing Note: Conventional shape.	69.98	4.40

05 51 19 Metal Grating Stairs *(05 51)*

Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing *(05 51 19)*

Note: Includes steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0002	RSR	3'-6" Wide Open Steel Grating Tread Metal Stair	303.97	35.22
		For Closed Riser, Add	*35.64*	
		For Galvanized Steel, Add	*58.39*	
05 51 19 00-0003	RSR	4'-0" Wide Open Steel Grating Tread Metal Stair	325.66	40.50
		For Closed Riser, Add	*37.88*	
		For Galvanized Steel, Add	*61.17*	
05 51 19 00-0004	RSR	5'-0" Wide Open Steel Grating Tread Metal Stair	361.99	47.55
		For Closed Riser, Add	*41.83*	
		For Galvanized Steel, Add	*66.73*	
05 51 19 00-0005	SF	Steel Grating Landing With Framing And 2 Pipe Handrail Note: Conventional shape.	57.64	4.40
		For Galvanized Steel, Add	*10.01*	

05 51 33 Metal Ladders *(05 51)*

Note: Includes factory prime.

05 51 33 13 Vertical Metal Ladders *(05 51 33)*

05 51 33 13-0001 Vertical Ladders *(05 51 33 13)*

Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"

05 51 33 13-0002	VLF	20" Wide Vertical Steel Ladder Primed	75.21	10.56
		For Galvanized Steel, Add	*10.52*	
		For Aluminum, Add	*21.04*	
05 51 33 13-0003	VLF	24" Wide Vertical Steel Ladder Primed	85.87	10.56
		For Galvanized Steel, Add	*13.18*	
		For Aluminum, Add	*26.37*	
05 51 33 13-0004	VLF	20" Wide Vertical Steel Caged Ladder Primed	178.32	17.61
		For Galvanized Steel, Add	*30.55*	
		For Aluminum, Add	*61.10*	
05 51 33 13-0005	VLF	24" Wide Vertical Steel Caged Ladder Primed	199.64	17.61
		For Galvanized Steel, Add	*35.88*	
		For Aluminum, Add	*71.76*	

05 51 33 13-0006 Vertical Ladders Options *(05 51 33 13)*

05 51 33 13-0007	EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	229.42	33.02
		For Galvanized Steel, Add	*40.85*	
		For Aluminum, Add	*81.69*	
05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	250.63	35.22
		For Galvanized Steel, Add	*45.05*	
		For Aluminum, Add	*90.10*	
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	322.34	11.00
05 51 33 13-0010	EA	6' Security Ladder Guard	712.29	66.04
05 51 33 13-0011	EA	8' Security Ladder Guard	850.83	77.04
05 51 33 13-0012	EA	Safety Chain Attachment	128.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0013		Welded Steel Ladder Cages *(05 51 33 13)* Note: For existing fixed ladders up to 20" wide. Excludes the ladder.		
05 51 33 13-0014		Powder Coated, Welded Steel Ladder Cages *(05 51 33 13-0013)*		
05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,320.46	132.06
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,430.63	136.47
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,518.77	140.87
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,612.78	145.28
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,668.61	149.67
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,758.21	154.08
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,837.53	158.48
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,940.37	162.88
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,040.25	167.28
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,122.52	171.69
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,222.41	176.09
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,319.37	180.49
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,414.85	184.89
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,586.73	189.30
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,639.61	193.69
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,729.22	198.10
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,811.48	202.50
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,887.87	206.91
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,055.34	211.30
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,146.42	215.71
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,231.61	220.11
05 51 33 13-0036		Stainless Steel, Welded Steel Ladder Cages *(05 51 33 13-0013)*		
05 51 33 13-0037	EA	7-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,057.67	132.06
05 51 33 13-0038	EA	8-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,264.21	136.47
05 51 33 13-0039	EA	9-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,606.78	140.87
05 51 33 13-0040	EA	10-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,776.86	145.28
05 51 33 13-0041	EA	11-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,920.30	149.67
05 51 33 13-0042	EA	12-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,110.00	154.08
05 51 33 13-0043	EA	13-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,449.76	158.48
05 51 33 13-0044	EA	14-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,622.65	162.88
05 51 33 13-0045	EA	15-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,801.14	167.28
05 51 33 13-0046	EA	16-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,996.47	171.69
05 51 33 13-0047	EA	17-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,343.24	176.09
05 51 33 13-0048	EA	18-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,517.53	180.49
05 51 33 13-0049	EA	19-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,683.40	184.89
05 51 33 13-0050	EA	20-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,957.25	189.30
05 51 33 13-0051	EA	21-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,264.76	193.69
05 51 33 13-0052	EA	22-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,436.24	198.10
05 51 33 13-0053	EA	23-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,611.93	202.50
05 51 33 13-0054	EA	24-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,776.40	206.91
05 51 33 13-0055	EA	25-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	7,196.11	211.30
05 51 33 13-0056	EA	26-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	7,360.57	215.71
05 51 33 13-0057	EA	27-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	7,529.24	220.11

05 51 33 16 Inclined Metal Ladders *(05 51 33)*

05 51 33 16-0001		Industrial Ship Ladder, Incline Stairs *(05 51 33 16)* Note: Includes factory prime.		
05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	227.82	44.02
		For Aluminum, Add	*69.89*	

05 51 33 23 Alternating Tread Ladders *(05 51 33)*

05 51 33 23-0001		Vertical Ladders With Alternating Tread *(05 51 33 23)*		
05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	1,319.77	132.06
		For Stainless Steel, Add	*196.80*	
		For Primed Steel, Deduct	*-191.42*	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	1,498.42	139.98
		For Stainless Steel, Add	*240.90*	
		For Primed Steel, Deduct	*-223.30*	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	1,644.02	139.98
		For Stainless Steel, Add	*288.67*	
		For Primed Steel, Deduct	*-241.55*	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	1,896.08	175.91
		For Stainless Steel, Add	*347.24*	
		For Primed Steel, Deduct	*-256.61*	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	2,068.01	182.15
		For Stainless Steel, Add	*388.99*	
		For Primed Steel, Deduct	*-298.53*	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	2,196.66	182.15
		For Stainless Steel, Add	*453.51*	
		For Primed Steel, Deduct	*-293.53*	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder	2,416.23	203.18
		For Stainless Steel, Add	*497.40*	
		For Primed Steel, Deduct	*-327.55*	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder	2,560.37	203.18
		For Stainless Steel, Add	*546.61*	
		For Primed Steel, Deduct	*-347.07*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder	2,672.52	203.18
		For Stainless Steel, Add	*623.99*	
		For Primed Steel, Deduct	*-346.65*	

05 52 Metal Railings *(05 50)*

05 52 13 Pipe And Tube Railings *(05 52)*

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 Welded Steel Pipe Railing *(05 52 13)*

Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 One Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and one rail.

05 52 13 00-0003	LF	1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	38.56	8.80
		For Schedule 80 Handrail, Add	*3.04*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.61*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.24*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-6.91*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.17*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.01*	
		For Aluminum, Satin Finish, Add	*8.80*	
		For Aluminum, Clear Anodized Finish, Add	*13.62*	
		For Aluminum, Dark Anodized Finish, Add	*15.71*	
		For Galvanizing, Add	*8.38*	
		For Wrought Iron, Add	*3.86*	
		For Solid Steel Rails, Add	*7.71*	
		For 304 Stainless Steel, Add	*67.04*	
		For 316 Stainless Steel, Add	*75.42*	
		For 2" Wheel Guard, Add	*1.99*	
		For 4" High Kick Plate, Add	*2.62*	
		For 6" High Kick Plate, Add	*4.19*	
		For Curved Rail, Add	*17.85*	
		For Mounting On Stairs, Add	*4.74*	
		For Mounting On Slopes, Add	*1.76*	
		For Post Base Flange With Screws, Add Per Post	*19.26*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*14.88*	
		For Nylon Coating, Add	*3.14*	
05 52 13 00-0004	LF	1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	42.16	8.80
		For Schedule 80 Handrail, Add	*4.47*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.40*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.14*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-8.10*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.57*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.01*	
		For Aluminum, Satin Finish, Add	*10.31*	
		For Aluminum, Clear Anodized Finish, Add	*15.96*	
		For Aluminum, Dark Anodized Finish, Add	*18.41*	
		For Galvanizing, Add	*9.82*	
		For Wrought Iron, Add	*4.22*	
		For Solid Steel Rails, Add	*8.43*	
		For 304 Stainless Steel, Add	*78.56*	
		For 316 Stainless Steel, Add	*88.38*	
		For 2" Wheel Guard, Add	*2.33*	
		For 4" High Kick Plate, Add	*3.07*	
		For 6" High Kick Plate, Add	*4.91*	
		For Curved Rail, Add	*20.01*	
		For Mounting On Stairs, Add	*5.10*	
		For Mounting On Slopes, Add	*1.76*	
		For Post Base Flange With Screws, Add Per Post	*19.26*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*16.68*	
		For Nylon Coating, Add	*3.68*	
05 52 13 00-0005	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	45.77	8.80
		For Schedule 80 Handrail, Add	*4.47*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.20*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.04*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.29*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-10.98*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.01*	
		For Aluminum, Satin Finish, Add	*11.83*	
		For Aluminum, Clear Anodized Finish, Add	*18.30*	
		For Aluminum, Dark Anodized Finish, Add	*21.12*	
		For Galvanizing, Add	*11.26*	
		For Wrought Iron, Add	*4.58*	
		For Solid Steel Rails, Add	*9.15*	
		For 304 Stainless Steel, Add	*90.11*	
		For 316 Stainless Steel, Add	*101.38*	
		For 2" Wheel Guard, Add	*2.68*	
		For 4" High Kick Plate, Add	*3.52*	
		For 6" High Kick Plate, Add	*5.63*	
		For Curved Rail, Add	*22.18*	
		For Mounting On Stairs, Add	*5.46*	
		For Mounting On Slopes, Add	*1.76*	
		For Post Base Flange With Screws, Add Per Post	*19.26*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*18.48*	
		For Nylon Coating, Add	*4.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0006	LF	2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	52.03	8.80
		For Schedule 80 Handrail, Add	*5.05*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.57*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.61*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.36*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-13.42*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.01*	
		For Aluminum, Satin Finish, Add	*14.46*	
		For Aluminum, Clear Anodized Finish, Add	*22.37*	
		For Aluminum, Dark Anodized Finish, Add	*25.82*	
		For Galvanizing, Add	*13.77*	
		For Wrought Iron, Add	*5.20*	
		For Solid Steel Rails, Add	*10.41*	
		For 304 Stainless Steel, Add	*110.14*	
		For 316 Stainless Steel, Add	*123.91*	
		For 2" Wheel Guard, Add	*3.27*	
		For 4" High Kick Plate, Add	*4.30*	
		For 6" High Kick Plate, Add	*6.88*	
		For Curved Rail, Add	*25.94*	
		For Mounting On Stairs, Add	*6.08*	
		For Mounting On Slopes, Add	*1.76*	
		For Post Base Flange With Screws, Add Per Post	*19.26*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*21.61*	
		For Nylon Coating, Add	*5.16*	
05 52 13 00-0007	LF	2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	59.53	8.80
		For Schedule 80 Handrail, Add	*5.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.22*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.48*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-13.83*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-16.35*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.01*	
		For Aluminum, Satin Finish, Add	*17.61*	
		For Aluminum, Clear Anodized Finish, Add	*27.25*	
		For Aluminum, Dark Anodized Finish, Add	*31.44*	
		For Galvanizing, Add	*16.77*	
		For Wrought Iron, Add	*5.95*	
		For Solid Steel Rails, Add	*11.91*	
		For 304 Stainless Steel, Add	*134.14*	
		For 316 Stainless Steel, Add	*150.91*	
		For 2" Wheel Guard, Add	*3.98*	
		For 4" High Kick Plate, Add	*5.24*	
		For 6" High Kick Plate, Add	*8.38*	
		For Curved Rail, Add	*30.44*	
		For Mounting On Stairs, Add	*6.83*	
		For Mounting On Slopes, Add	*1.76*	
		For Post Base Flange With Screws, Add Per Post	*19.26*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*25.36*	
		For Nylon Coating, Add	*6.29*	

05 52 13 00-0008 Two Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and two rails.

05 52 13 00-0009	LF	1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	43.79	8.80
		For Schedule 80 Handrail, Add	*3.04*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.76*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.55*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-8.64*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-10.21*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.01*	
		For Aluminum, Satin Finish, Add	*11.00*	
		For Aluminum, Clear Anodized Finish, Add	*17.02*	
		For Aluminum, Dark Anodized Finish, Add	*19.64*	
		For Galvanizing, Add	*10.47*	
		For Wrought Iron, Add	*4.38*	
		For Solid Steel Rails, Add	*8.76*	
		For 304 Stainless Steel, Add	*83.78*	
		For 316 Stainless Steel, Add	*94.25*	
		For 2" Wheel Guard, Add	*2.49*	
		For 4" High Kick Plate, Add	*3.27*	
		For 6" High Kick Plate, Add	*5.24*	
		For Curved Rail, Add	*20.99*	
		For Mounting On Stairs, Add	*5.26*	
		For Mounting On Slopes, Add	*1.76*	
		For Post Base Flange With Screws, Add Per Post	*19.26*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*17.49*	
		For Nylon Coating, Add	*3.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0010	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	48.30	8.80
		For Schedule 80 Handrail, Add	*4.47*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.75*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.67*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.13*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.97*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.01*	
		For Aluminum, Satin Finish, Add	*12.89*	
		For Aluminum, Clear Anodized Finish, Add	*19.95*	
		For Aluminum, Dark Anodized Finish, Add	*23.02*	
		For Galvanizing, Add	*12.28*	
		For Wrought Iron, Add	*4.83*	
		For Solid Steel Rails, Add	*9.66*	
		For 304 Stainless Steel, Add	*98.21*	
		For 316 Stainless Steel, Add	*110.48*	
		For 2" Wheel Guard, Add	*2.92*	
		For 4" High Kick Plate, Add	*3.84*	
		For 6" High Kick Plate, Add	*6.14*	
		For Curved Rail, Add	*23.70*	
		For Mounting On Stairs, Add	*5.71*	
		For Mounting On Slopes, Add	*1.76*	
		For Post Base Flange With Screws, Add Per Post	*19.26*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*19.75*	
		For Nylon Coating, Add	*4.60*	
05 52 13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	52.81	8.80
		For Schedule 80 Handrail, Add	*4.47*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.74*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.80*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.62*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-13.73*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.01*	
		For Aluminum, Satin Finish, Add	*14.78*	
		For Aluminum, Clear Anodized Finish, Add	*22.88*	
		For Aluminum, Dark Anodized Finish, Add	*26.40*	
		For Galvanizing, Add	*14.08*	
		For Wrought Iron, Add	*5.28*	
		For Solid Steel Rails, Add	*10.56*	
		For 304 Stainless Steel, Add	*112.64*	
		For 316 Stainless Steel, Add	*126.72*	
		For 2" Wheel Guard, Add	*3.34*	
		For 4" High Kick Plate, Add	*4.40*	
		For 6" High Kick Plate, Add	*7.04*	
		For Curved Rail, Add	*26.40*	
		For Mounting On Stairs, Add	*6.16*	
		For Mounting On Slopes, Add	*1.76*	
		For Post Base Flange With Screws, Add Per Post	*19.26*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*22.00*	
		For Nylon Coating, Add	*5.28*	
05 52 13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	60.63	8.80
		For Schedule 80 Handrail, Add	*5.05*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.46*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.76*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.20*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-16.78*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.01*	
		For Aluminum, Satin Finish, Add	*18.07*	
		For Aluminum, Clear Anodized Finish, Add	*27.96*	
		For Aluminum, Dark Anodized Finish, Add	*32.27*	
		For Galvanizing, Add	*17.21*	
		For Wrought Iron, Add	*6.06*	
		For Solid Steel Rails, Add	*12.13*	
		For 304 Stainless Steel, Add	*137.66*	
		For 316 Stainless Steel, Add	*154.87*	
		For 2" Wheel Guard, Add	*4.09*	
		For 4" High Kick Plate, Add	*5.38*	
		For 6" High Kick Plate, Add	*8.60*	
		For Curved Rail, Add	*31.10*	
		For Mounting On Stairs, Add	*6.94*	
		For Mounting On Slopes, Add	*1.76*	
		For Post Base Flange With Screws, Add Per Post	*19.26*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*25.91*	
		For Nylon Coating, Add	*6.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0013	LF	2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	70.01	8.80
		For Schedule 80 Handrail, Add	*5.63*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.53*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-13.10*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-17.29*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.44*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.01*	
		For Aluminum, Satin Finish, Add	*22.01*	
		For Aluminum, Clear Anodized Finish, Add	*34.06*	
		For Aluminum, Dark Anodized Finish, Add	*39.30*	
		For Galvanizing, Add	*20.96*	
		For Wrought Iron, Add	*7.00*	
		For Solid Steel Rails, Add	*14.00*	
		For 304 Stainless Steel, Add	*167.68*	
		For 316 Stainless Steel, Add	*188.64*	
		For 2" Wheel Guard, Add	*4.98*	
		For 4" High Kick Plate, Add	*6.55*	
		For 6" High Kick Plate, Add	*10.48*	
		For Curved Rail, Add	*36.72*	
		For Mounting On Stairs, Add	*7.88*	
		For Mounting On Slopes, Add	*1.76*	
		For Post Base Flange With Screws, Add Per Post	*19.26*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*30.60*	
		For Nylon Coating, Add	*7.86*	

05 52 13 00-0014 Three Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and three rails.

05 52 13 00-0015	LF	1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	58.55	10.56
		For Schedule 80 Handrail, Add	*4.52*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.23*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.36*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.35*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-14.59*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.72*	
		For Aluminum, Satin Finish, Add	*15.72*	
		For Aluminum, Clear Anodized Finish, Add	*24.32*	
		For Aluminum, Dark Anodized Finish, Add	*28.07*	
		For Galvanizing, Add	*14.97*	
		For Wrought Iron, Add	*5.86*	
		For Solid Steel Rails, Add	*11.71*	
		For 304 Stainless Steel, Add	*119.74*	
		For 316 Stainless Steel, Add	*134.71*	
		For 2" Wheel Guard, Add	*3.55*	
		For 4" High Kick Plate, Add	*4.68*	
		For 6" High Kick Plate, Add	*7.48*	
		For Curved Rail, Add	*28.79*	
		For Mounting On Stairs, Add	*6.91*	
		For Mounting On Slopes, Add	*2.11*	
		For Post Base Flange With Screws, Add Per Post	*19.61*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.67*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*23.99*	
		For Nylon Coating, Add	*5.61*	
05 52 13 00-0016	LF	1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	65.00	10.56
		For Schedule 80 Handrail, Add	*6.42*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.65*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.97*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.48*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-17.11*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.72*	
		For Aluminum, Satin Finish, Add	*18.43*	
		For Aluminum, Clear Anodized Finish, Add	*28.52*	
		For Aluminum, Dark Anodized Finish, Add	*32.90*	
		For Galvanizing, Add	*17.55*	
		For Wrought Iron, Add	*6.50*	
		For Solid Steel Rails, Add	*13.00*	
		For 304 Stainless Steel, Add	*140.38*	
		For 316 Stainless Steel, Add	*157.93*	
		For 2" Wheel Guard, Add	*4.17*	
		For 4" High Kick Plate, Add	*5.48*	
		For 6" High Kick Plate, Add	*8.77*	
		For Curved Rail, Add	*32.66*	
		For Mounting On Stairs, Add	*7.56*	
		For Mounting On Slopes, Add	*2.11*	
		For Post Base Flange With Screws, Add Per Post	*19.61*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.67*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*27.22*	
		For Nylon Coating, Add	*6.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0017	LF	1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	71.44	10.56
		For Schedule 80 Handrail, Add	*6.42*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.07*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.58*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-16.60*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-19.62*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.72*	
		For Aluminum, Satin Finish, Add	*21.13*	
		For Aluminum, Clear Anodized Finish, Add	*32.70*	
		For Aluminum, Dark Anodized Finish, Add	*37.73*	
		For Galvanizing, Add	*20.12*	
		For Wrought Iron, Add	*7.14*	
		For Solid Steel Rails, Add	*14.29*	
		For 304 Stainless Steel, Add	*160.99*	
		For 316 Stainless Steel, Add	*181.12*	
		For 2" Wheel Guard, Add	*4.78*	
		For 4" High Kick Plate, Add	*6.29*	
		For 6" High Kick Plate, Add	*10.06*	
		For Curved Rail, Add	*36.53*	
		For Mounting On Stairs, Add	*8.20*	
		For Mounting On Slopes, Add	*2.11*	
		For Post Base Flange With Screws, Add Per Post	*19.61*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.67*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*30.44*	
		For Nylon Coating, Add	*7.55*	
05 52 13 00-0018	LF	2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	82.64	10.56
		For Schedule 80 Handrail, Add	*7.19*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-13.53*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-15.38*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-20.30*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-23.99*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.72*	
		For Aluminum, Satin Finish, Add	*25.83*	
		For Aluminum, Clear Anodized Finish, Add	*39.98*	
		For Aluminum, Dark Anodized Finish, Add	*46.13*	
		For Galvanizing, Add	*24.60*	
		For Wrought Iron, Add	*8.26*	
		For Solid Steel Rails, Add	*16.53*	
		For 304 Stainless Steel, Add	*196.83*	
		For 316 Stainless Steel, Add	*221.44*	
		For 2" Wheel Guard, Add	*5.84*	
		For 4" High Kick Plate, Add	*7.69*	
		For 6" High Kick Plate, Add	*12.30*	
		For Curved Rail, Add	*43.25*	
		For Mounting On Stairs, Add	*9.32*	
		For Mounting On Slopes, Add	*2.11*	
		For Post Base Flange With Screws, Add Per Post	*19.61*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.67*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*36.04*	
		For Nylon Coating, Add	*9.23*	
05 52 13 00-0019	LF	2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	95.97	10.56
		For Schedule 80 Handrail, Add	*7.96*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-16.46*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-18.71*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-24.70*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-29.19*	
		For Additional Off Set Handrail, ADA Attachment, Add	*12.72*	
		For Aluminum, Satin Finish, Add	*31.43*	
		For Aluminum, Clear Anodized Finish, Add	*48.65*	
		For Aluminum, Dark Anodized Finish, Add	*56.13*	
		For Galvanizing, Add	*29.94*	
		For Wrought Iron, Add	*9.60*	
		For Solid Steel Rails, Add	*19.19*	
		For 304 Stainless Steel, Add	*239.49*	
		For 316 Stainless Steel, Add	*269.42*	
		For 2" Wheel Guard, Add	*7.11*	
		For 4" High Kick Plate, Add	*9.36*	
		For 6" High Kick Plate, Add	*14.97*	
		For Curved Rail, Add	*51.24*	
		For Mounting On Stairs, Add	*10.65*	
		For Mounting On Slopes, Add	*2.11*	
		For Post Base Flange With Screws, Add Per Post	*19.61*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*29.67*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*42.70*	
		For Nylon Coating, Add	*11.23*	

05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and four rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0021	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	70.59	12.33
		For Schedule 80 Handrail, Add	*6.21*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-10.10*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-11.48*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-15.16*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-17.91*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.42*	
		For Aluminum, Satin Finish, Add	*19.29*	
		For Aluminum, Clear Anodized Finish, Add	*29.85*	
		For Aluminum, Dark Anodized Finish, Add	*34.45*	
		For Galvanizing, Add	*18.37*	
		For Wrought Iron, Add	*7.06*	
		For Solid Steel Rails, Add	*14.12*	
		For 304 Stainless Steel, Add	*146.98*	
		For 316 Stainless Steel, Add	*165.35*	
		For 2" Wheel Guard, Add	*4.36*	
		For 4" High Kick Plate, Add	*5.74*	
		For 6" High Kick Plate, Add	*9.19*	
		For Curved Rail, Add	*34.96*	
		For Mounting On Stairs, Add	*8.29*	
		For Mounting On Slopes, Add	*2.47*	
		For Post Base Flange With Screws, Add Per Post	*19.97*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.20*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*29.13*	
		For Nylon Coating, Add	*6.89*	
05 52 13 00-0022	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	76.31	12.33
		For Schedule 80 Handrail, Add	*8.58*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.36*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.91*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-17.04*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.14*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.42*	
		For Aluminum, Satin Finish, Add	*21.69*	
		For Aluminum, Clear Anodized Finish, Add	*33.57*	
		For Aluminum, Dark Anodized Finish, Add	*38.74*	
		For Galvanizing, Add	*20.66*	
		For Wrought Iron, Add	*7.63*	
		For Solid Steel Rails, Add	*15.26*	
		For 304 Stainless Steel, Add	*165.28*	
		For 316 Stainless Steel, Add	*185.94*	
		For 2" Wheel Guard, Add	*4.91*	
		For 4" High Kick Plate, Add	*6.46*	
		For 6" High Kick Plate, Add	*10.33*	
		For Curved Rail, Add	*38.39*	
		For Mounting On Stairs, Add	*8.86*	
		For Mounting On Slopes, Add	*2.47*	
		For Post Base Flange With Screws, Add Per Post	*19.97*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.20*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*31.99*	
		For Nylon Coating, Add	*7.75*	
05 52 13 00-0023	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	82.03	12.33
		For Schedule 80 Handrail, Add	*8.58*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-12.62*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-14.34*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-18.93*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-22.37*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.42*	
		For Aluminum, Satin Finish, Add	*24.10*	
		For Aluminum, Clear Anodized Finish, Add	*37.29*	
		For Aluminum, Dark Anodized Finish, Add	*43.03*	
		For Galvanizing, Add	*22.95*	
		For Wrought Iron, Add	*8.20*	
		For Solid Steel Rails, Add	*16.41*	
		For 304 Stainless Steel, Add	*183.58*	
		For 316 Stainless Steel, Add	*206.53*	
		For 2" Wheel Guard, Add	*5.45*	
		For 4" High Kick Plate, Add	*7.17*	
		For 6" High Kick Plate, Add	*11.47*	
		For Curved Rail, Add	*41.82*	
		For Mounting On Stairs, Add	*9.44*	
		For Mounting On Slopes, Add	*2.47*	
		For Post Base Flange With Screws, Add Per Post	*19.97*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.20*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*34.85*	
		For Nylon Coating, Add	*8.61*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0024	LF	2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	94.78	12.33
		For Schedule 80 Handrail, Add	*9.55*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-15.43*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-17.53*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-23.14*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-27.35*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.42*	
		For Aluminum, Satin Finish, Add	*29.45*	
		For Aluminum, Clear Anodized Finish, Add	*45.58*	
		For Aluminum, Dark Anodized Finish, Add	*52.59*	
		For Galvanizing, Add	*28.05*	
		For Wrought Iron, Add	*9.48*	
		For Solid Steel Rails, Add	*18.96*	
		For 304 Stainless Steel, Add	*224.38*	
		For 316 Stainless Steel, Add	*252.43*	
		For 2" Wheel Guard, Add	*6.66*	
		For 4" High Kick Plate, Add	*8.77*	
		For 6" High Kick Plate, Add	*14.02*	
		For Curved Rail, Add	*49.47*	
		For Mounting On Stairs, Add	*10.71*	
		For Mounting On Slopes, Add	*2.47*	
		For Post Base Flange With Screws, Add Per Post	*19.97*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.20*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*41.23*	
		For Nylon Coating, Add	*10.52*	
05 52 13 00-0025	LF	2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	109.71	12.33
		For Schedule 80 Handrail, Add	*10.52*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-18.71*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-21.26*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-28.07*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-33.17*	
		For Additional Off Set Handrail, ADA Attachment, Add	*13.42*	
		For Aluminum, Satin Finish, Add	*35.72*	
		For Aluminum, Clear Anodized Finish, Add	*55.28*	
		For Aluminum, Dark Anodized Finish, Add	*63.79*	
		For Galvanizing, Add	*34.02*	
		For Wrought Iron, Add	*10.97*	
		For Solid Steel Rails, Add	*21.94*	
		For 304 Stainless Steel, Add	*272.16*	
		For 316 Stainless Steel, Add	*306.18*	
		For 2" Wheel Guard, Add	*8.08*	
		For 4" High Kick Plate, Add	*10.63*	
		For 6" High Kick Plate, Add	*17.01*	
		For Curved Rail, Add	*58.43*	
		For Mounting On Stairs, Add	*12.20*	
		For Mounting On Slopes, Add	*2.47*	
		For Post Base Flange With Screws, Add Per Post	*19.97*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.20*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*48.69*	
		For Nylon Coating, Add	*12.76*	

05 52 13 00-0026 Railing Infill Panels *(05 52 13)*

Note: Includes field welds and touch-up of welds.

05 52 13 00-0027 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels *(05 52 13 00-0026)*

Note: Square weave or square welded wire mesh.

05 52 13 00-0028	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	8.52
05 52 13 00-0029	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	9.05
05 52 13 00-0030	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	9.51
05 52 13 00-0031	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	16.08

05 52 13 00-0032 Perforated Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0033	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	8.36
05 52 13 00-0034	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel	8.64
05 52 13 00-0035	SF	Aluminum, Perforated Metal, Railing Infill Panel	9.25
05 52 13 00-0036	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	18.56

05 52 13 00-0037 Expanded Metal, Railing Infill Panels *(05 52 13 00-0026)*

05 52 13 00-0038	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel	3.77
05 52 13 00-0039	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel	7.70
05 52 13 00-0040	SF	Aluminum, Expanded Metal, Railing Infill Panel	10.11
05 52 13 00-0041	SF	Stainless Steel, Expanded Metal, Railing Infill Panel	15.08

05 52 13 00-0042 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0043	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	33.25	5.28
		For Schedule 80 Handrail, Add	*1.82*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.41*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.01*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-6.61*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-7.82*	
		For Stainless Steel, Add	*40.08*	
		For Aluminum, Satin Finish, Add	*8.42*	
		For Curved Rail, Add	*9.98*	
		For Aluminum, Clear Anodized Finish, Add	*13.03*	
		For Aluminum, Dark Anodized Finish, Add	*15.03*	
		For Galvanized Finish, Add	*6.01*	
05 52 13 00-0044	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	33.90	5.28
		For Schedule 80 Handrail, Add	*2.06*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.55*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.17*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-6.83*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.07*	
		For Stainless Steel, Add	*41.38*	
		For Aluminum, Satin Finish, Add	*8.69*	
		For Curved Rail, Add	*10.17*	
		For Aluminum, Clear Anodized Finish, Add	*13.45*	
		For Aluminum, Dark Anodized Finish, Add	*15.52*	
		For Galvanized Finish, Add	*6.21*	
05 52 13 00-0045	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	34.54	5.28
		For Schedule 80 Handrail, Add	*5.23*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.69*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.33*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.04*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.32*	
		For Stainless Steel, Add	*42.66*	
		For Aluminum, Satin Finish, Add	*8.96*	
		For Curved Rail, Add	*10.36*	
		For Aluminum, Clear Anodized Finish, Add	*13.86*	
		For Aluminum, Dark Anodized Finish, Add	*16.00*	
		For Galvanized Finish, Add	*6.40*	
05 52 13 00-0046	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	41.98	5.28
		For Schedule 80 Handrail, Add	*2.49*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.33*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.19*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.49*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.22*	
		For Stainless Steel, Add	*57.54*	
		For Aluminum, Satin Finish, Add	*12.08*	
		For Curved Rail, Add	*12.59*	
		For Aluminum, Clear Anodized Finish, Add	*18.70*	
		For Aluminum, Dark Anodized Finish, Add	*21.58*	
		For Galvanized Finish, Add	*8.63*	
05 52 13 00-0047	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	48.12	5.28
		For Schedule 80 Handrail, Add	*2.68*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.68*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.73*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.52*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-13.61*	
		For Stainless Steel, Add	*69.82*	
		For Aluminum, Satin Finish, Add	*14.66*	
		For Curved Rail, Add	*14.44*	
		For Aluminum, Clear Anodized Finish, Add	*22.69*	
		For Aluminum, Dark Anodized Finish, Add	*26.18*	
		For Galvanized Finish, Add	*10.47*	

05 52 13 00-0048 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0049	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	40.85	5.55
		For Schedule 80 Handrail, Add	*1.82*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.08*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-6.91*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.12*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-10.78*	
		For Stainless Steel, Add	*55.28*	
		For Aluminum, Satin Finish, Add	*11.61*	
		For Curved Rail, Add	*12.26*	
		For Aluminum, Clear Anodized Finish, Add	*17.97*	
		For Aluminum, Dark Anodized Finish, Add	*20.73*	
		For Galvanized Finish, Add	*8.29*	
05 52 13 00-0050	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	41.75	5.55
		For Schedule 80 Handrail, Add	*2.06*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.28*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.14*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.42*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.13*	
		For Stainless Steel, Add	*57.08*	
		For Aluminum, Satin Finish, Add	*11.99*	
		For Curved Rail, Add	*12.53*	
		For Aluminum, Clear Anodized Finish, Add	*18.55*	
		For Aluminum, Dark Anodized Finish, Add	*21.41*	
		For Galvanized Finish, Add	*8.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0051	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	42.43	5.55
		For Schedule 80 Handrail, Add	*5.23*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.43*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.31*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.64*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.40*	
		For Stainless Steel, Add	*58.44*	
		For Aluminum, Satin Finish, Add	*12.27*	
		For Curved Rail, Add	*12.73*	
		For Aluminum, Clear Anodized Finish, Add	*18.99*	
		For Aluminum, Dark Anodized Finish, Add	*21.92*	
		For Galvanized Finish, Add	*8.77*	
05 52 13 00-0052	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	52.81	5.55
		For Schedule 80 Handrail, Add	*2.49*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.71*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.90*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-13.07*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.44*	
		For Stainless Steel, Add	*79.20*	
		For Aluminum, Satin Finish, Add	*16.63*	
		For Curved Rail, Add	*15.84*	
		For Aluminum, Clear Anodized Finish, Add	*25.74*	
		For Aluminum, Dark Anodized Finish, Add	*29.70*	
		For Galvanized Finish, Add	*11.88*	
05 52 13 00-0053	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	59.59	5.55
		For Schedule 80 Handrail, Add	*2.68*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-10.20*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-11.60*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-15.31*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-18.09*	
		For Stainless Steel, Add	*92.76*	
		For Aluminum, Satin Finish, Add	*19.48*	
		For Curved Rail, Add	*17.88*	
		For Aluminum, Clear Anodized Finish, Add	*30.15*	
		For Aluminum, Dark Anodized Finish, Add	*34.79*	
		For Galvanized Finish, Add	*13.91*	

05 52 13 00-0054 Remove/Reinstall Pipe Railing *(05 52 13)*

05 52 13 00-0055	LF	Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	19.81	
05 52 13 00-0056	LF	Removal And Reinstallation Of Floor Mounted Pipe Railing	25.93	
05 52 13 00-0057	EA	Install New Galvanized Steel Pipe Railing Bracket	45.16	
		For Stainless Steel, Add	*37.50*	

05 53 Metal Gratings *(05 50)*

05 53 13 Bar Gratings *(05 53)*

05 53 13 00-0001 Welded Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 13 00-0002 Steel, Welded Grating *(05 53 13 00-0001)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	7.13	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*0.88*	
		For 304 Stainless Steel, Add	*16.66*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*1.52*	
		For Crossbars At 2" On-Center, Add	*0.56*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.43*	
05 53 13 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	9.27	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.25*	
		For 304 Stainless Steel, Add	*23.53*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*2.14*	
		For Crossbars At 2" On-Center, Add	*0.79*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.48*	
05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating	8.51	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.12*	
		For 304 Stainless Steel, Add	*21.09*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*1.92*	
		For Crossbars At 2" On-Center, Add	*0.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating	11.42	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.61*	
		For 304 Stainless Steel, Add	*30.43*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*2.77*	
		For Crossbars At 2" On-Center, Add	*1.02*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.54*	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating	14.34	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.11*	
		For 304 Stainless Steel, Add	*39.80*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.62*	
		For Crossbars At 2" On-Center, Add	*1.34*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.61*	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	9.90	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.35*	
		For 304 Stainless Steel, Add	*25.55*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*2.32*	
		For Crossbars At 2" On-Center, Add	*0.86*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.50*	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	13.45	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.96*	
		For 304 Stainless Steel, Add	*36.95*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.36*	
		For Crossbars At 2" On-Center, Add	*1.24*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.59*	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	11.30	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.59*	
		For 304 Stainless Steel, Add	*30.05*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*2.73*	
		For Crossbars At 2" On-Center, Add	*1.01*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.53*	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	16.01	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.32*	
		For 304 Stainless Steel, Add	*43.78*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.98*	
		For Crossbars At 2" On-Center, Add	*1.47*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.93*	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	20.44	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.07*	
		For 304 Stainless Steel, Add	*58.00*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.28*	
		For Crossbars At 2" On-Center, Add	*1.95*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.04*	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	18.17	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.69*	
		For 304 Stainless Steel, Add	*50.72*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.61*	
		For Crossbars At 2" On-Center, Add	*1.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.98*	
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating	20.20	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.03*	
		For 304 Stainless Steel, Add	*57.23*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.21*	
		For Crossbars At 2" On-Center, Add	*1.93*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.03*	
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	22.34	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.39*	
		For 304 Stainless Steel, Add	*64.10*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.83*	
		For Crossbars At 2" On-Center, Add	*2.16*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	24.37	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.74*	
		For 304 Stainless Steel, Add	*70.62*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.42*	
		For Crossbars At 2" On-Center, Add	*2.38*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.14*	

05 53 13 00-0017 Pressure Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.

05 53 13 00-0018 Steel, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating	12.76	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.77*	
		For 304 Stainless Steel, Add	*20.24*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.16*	
		For Crossbars At 2" On-Center, Add	*1.17*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.57*	
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating	15.52	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.23*	
		For 304 Stainless Steel, Add	*25.41*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.97*	
		For Crossbars At 2" On-Center, Add	*1.47*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.64*	
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating	13.94	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.97*	
		For 304 Stainless Steel, Add	*22.45*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.50*	
		For Crossbars At 2" On-Center, Add	*1.30*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.60*	
05 53 13 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating	18.68	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.75*	
		For 304 Stainless Steel, Add	*31.32*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*24.27*	
		For Bearing Bars At 15/16" On-Center, Add	*4.89*	
		For Crossbars At 2" On-Center, Add	*1.81*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.72*	
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating	15.52	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.23*	
		For 304 Stainless Steel, Add	*25.41*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.97*	
		For Crossbars At 2" On-Center, Add	*1.47*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.64*	
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating	20.87	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.10*	
		For 304 Stainless Steel, Add	*35.42*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.53*	
		For Crossbars At 2" On-Center, Add	*2.04*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.77*	
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating	17.17	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.50*	
		For 304 Stainless Steel, Add	*28.50*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.45*	
		For Crossbars At 2" On-Center, Add	*1.64*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating	23.60	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.48*	
		For 304 Stainless Steel, Add	*39.72*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*30.78*	
		For Bearing Bars At 15/16" On-Center, Add	*6.20*	
		For Crossbars At 2" On-Center, Add	*2.29*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.12*	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating	25.92	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.86*	
		For 304 Stainless Steel, Add	*44.06*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.88*	
		For Crossbars At 2" On-Center, Add	*2.54*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.18*	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating	27.81	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.17*	
		For 304 Stainless Steel, Add	*47.60*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.43*	
		For Crossbars At 2" On-Center, Add	*2.75*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.22*	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating	29.62	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.47*	
		For 304 Stainless Steel, Add	*50.98*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.96*	
		For Crossbars At 2" On-Center, Add	*2.94*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.27*	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating	31.18	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.72*	
		For 304 Stainless Steel, Add	*53.90*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*8.41*	
		For Crossbars At 2" On-Center, Add	*3.11*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.31*	

05 53 13 00-0031 Aluminum, Type 6063, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	13.25	0.97
		For Bearing Bars At 15/16" On-Center, Add	*3.30*	
		For Crossbars At 2" On-Center, Add	*1.22*	
		For Set In Place Without Bolting, Deduct	*-1.58*	
		For Powder Coating, Add	*1.70*	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	17.89	0.97
		For Bearing Bars At 15/16" On-Center, Add	*4.66*	
		For Crossbars At 2" On-Center, Add	*1.72*	
		For Set In Place Without Bolting, Deduct	*-1.70*	
		For Powder Coating, Add	*2.39*	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	16.89	0.97
		For Bearing Bars At 15/16" On-Center, Add	*4.37*	
		For Crossbars At 2" On-Center, Add	*1.61*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.67*	
		For Powder Coating, Add	*2.24*	
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	22.89	0.97
		For Bearing Bars At 7/16" On-Center, Add	*30.38*	
		For Bearing Bars At 15/16" On-Center, Add	*6.12*	
		For Crossbars At 2" On-Center, Add	*2.26*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.82*	
		For Powder Coating, Add	*3.14*	
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	19.53	0.97
		For Bearing Bars At 15/16" On-Center, Add	*5.14*	
		For Crossbars At 2" On-Center, Add	*1.90*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.74*	
		For Powder Coating, Add	*2.64*	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	26.07	0.97
		For Bearing Bars At 15/16" On-Center, Add	*7.05*	
		For Crossbars At 2" On-Center, Add	*2.61*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.90*	
		For Powder Coating, Add	*3.62*	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	22.01	0.97
		For Bearing Bars At 15/16" On-Center, Add	*5.86*	
		For Crossbars At 2" On-Center, Add	*2.17*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.80*	
		For Powder Coating, Add	*3.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	29.34	0.97
		For Bearing Bars At 7/16" On-Center, Add	*39.73*	
		For Bearing Bars At 15/16" On-Center, Add	*8.00*	
		For Crossbars At 2" On-Center, Add	*2.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.98*	
		For Powder Coating, Add	*4.11*	
05 53 13 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	32.48	0.97
		For Bearing Bars At 15/16" On-Center, Add	*8.92*	
		For Crossbars At 2" On-Center, Add	*3.30*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.06*	
		For Powder Coating, Add	*4.58*	
05 53 13 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	36.20	0.97
		For Bearing Bars At 15/16" On-Center, Add	*10.00*	
		For Crossbars At 2" On-Center, Add	*3.70*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.16*	
		For Powder Coating, Add	*5.14*	
05 53 13 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	39.12	0.97
		For Bearing Bars At 15/16" On-Center, Add	*10.86*	
		For Crossbars At 2" On-Center, Add	*4.02*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.23*	
		For Powder Coating, Add	*5.58*	
05 53 13 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	42.60	0.97
		For Bearing Bars At 15/16" On-Center, Add	*11.87*	
		For Crossbars At 2" On-Center, Add	*4.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.32*	
		For Powder Coating, Add	*6.10*	

05 53 13 00-0044 Swage Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

05 53 13 00-0045 Steel, Swage Locked Grating *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0046	SF	1" x 3/16" Steel, Swaged Grating	20.36	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.69*	
		For 304 Stainless Steel, Add	*30.54*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*11.79*	
		For Crossbars At 2" On-Center, Add	*1.47*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.76*	
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating	22.64	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.90*	
		For 304 Stainless Steel, Add	*34.32*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*13.25*	
		For Crossbars At 2" On-Center, Add	*1.66*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-1.82*	
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating	24.84	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.07*	
		For 304 Stainless Steel, Add	*37.26*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*14.38*	
		For Crossbars At 2" On-Center, Add	*1.80*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.15*	
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating	28.33	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.39*	
		For 304 Stainless Steel, Add	*43.04*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*16.61*	
		For Crossbars At 2" On-Center, Add	*2.08*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.24*	
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating	31.83	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.71*	
		For 304 Stainless Steel, Add	*48.84*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*18.85*	
		For Crossbars At 2" On-Center, Add	*2.36*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating	35.31	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.03*	
		For 304 Stainless Steel, Add	*54.61*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*21.08*	
		For Crossbars At 2" On-Center, Add	*2.64*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.41*	
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating	38.81	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.35*	
		For 304 Stainless Steel, Add	*60.42*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*23.32*	
		For Crossbars At 2" On-Center, Add	*2.92*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.50*	

05 53 13 00-0053 Aluminum Grating, Type 6063, Swage Locked *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating	15.61	0.97
		For Bearing Bars At 15/16" On-Center, Add	*8.75*	
		For Crossbars At 2" On-Center, Add	*1.09*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.64*	
		For Powder Coating, Add	*2.05*	
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating	20.19	0.97
		For Bearing Bars At 15/16" On-Center, Add	*11.68*	
		For Crossbars At 2" On-Center, Add	*1.46*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.76*	
		For Powder Coating, Add	*2.74*	
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating	17.67	0.97
		For Bearing Bars At 15/16" On-Center, Add	*10.07*	
		For Crossbars At 2" On-Center, Add	*1.26*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.69*	
		For Powder Coating, Add	*2.36*	
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating	23.27	0.97
		For Bearing Bars At 15/16" On-Center, Add	*13.65*	
		For Crossbars At 2" On-Center, Add	*1.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.83*	
		For Powder Coating, Add	*3.20*	
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating	20.11	0.97
		For Bearing Bars At 15/16" On-Center, Add	*11.63*	
		For Crossbars At 2" On-Center, Add	*1.45*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.75*	
		For Powder Coating, Add	*2.73*	
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating	26.56	0.97
		For Bearing Bars At 15/16" On-Center, Add	*15.76*	
		For Crossbars At 2" On-Center, Add	*1.97*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-1.92*	
		For Powder Coating, Add	*3.69*	
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating	30.36	0.97
		For Bearing Bars At 15/16" On-Center, Add	*18.19*	
		For Crossbars At 2" On-Center, Add	*2.27*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.01*	
		For Powder Coating, Add	*4.26*	
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating	34.14	0.97
		For Bearing Bars At 15/16" On-Center, Add	*20.61*	
		For Crossbars At 2" On-Center, Add	*2.58*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.10*	
		For Powder Coating, Add	*4.83*	
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating	37.94	0.97
		For Bearing Bars At 15/16" On-Center, Add	*23.04*	
		For Crossbars At 2" On-Center, Add	*2.88*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.20*	
		For Powder Coating, Add	*5.40*	
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating	41.72	0.97
		For Bearing Bars At 15/16" On-Center, Add	*25.46*	
		For Crossbars At 2" On-Center, Add	*3.18*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.29*	
		For Powder Coating, Add	*5.97*	

05 53 13 00-0064 Riveted Grating *(05 53 13)*

Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0065		**Steel, Riveted Grating** *(05 53 13 00-0064)* Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.		
05 53 13 00-0066	SF	3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating	37.98	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.73*	
		For 304 Stainless Steel, Add	*30.96*	
		For 5/8" Clear Opening, Add	*12.43*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.20*	
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating	44.57	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.05*	
		For 304 Stainless Steel, Add	*36.62*	
		For 5/8" Clear Opening, Add	*14.71*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.37*	
05 53 13 00-0068	SF	1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating	41.01	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*1.88*	
		For 304 Stainless Steel, Add	*33.56*	
		For 5/8" Clear Opening, Add	*13.48*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.28*	
05 53 13 00-0069	SF	1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating	47.09	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.17*	
		For 304 Stainless Steel, Add	*38.78*	
		For 5/8" Clear Opening, Add	*15.58*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.43*	
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating	43.53	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.00*	
		For 304 Stainless Steel, Add	*35.73*	
		For 5/8" Clear Opening, Add	*14.35*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.34*	
05 53 13 00-0071	SF	1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating	51.77	0.97
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.39*	
		For 304 Stainless Steel, Add	*42.80*	
		For 5/8" Clear Opening, Add	*17.19*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.55*	
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating	46.38	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.11*	
		For 304 Stainless Steel, Add	*37.80*	
		For 5/8" Clear Opening, Add	*15.18*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.69*	
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	55.19	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.54*	
		For 304 Stainless Steel, Add	*45.37*	
		For 5/8" Clear Opening, Add	*18.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.91*	
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	59.68	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.75*	
		For 304 Stainless Steel, Add	*49.23*	
		For 5/8" Clear Opening, Add	*19.77*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.02*	
05 53 13 00-0075	SF	2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating	69.72	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.23*	
		For 304 Stainless Steel, Add	*57.85*	
		For 5/8" Clear Opening, Add	*23.24*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.27*	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating	73.22	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.40*	
		For 304 Stainless Steel, Add	*60.86*	
		For 5/8" Clear Opening, Add	*24.44*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.36*	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating	76.33	1.19
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.55*	
		For 304 Stainless Steel, Add	*63.53*	
		For 5/8" Clear Opening, Add	*25.52*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.44*	
05 53 13 00-0078		**Aluminum, Riveted Grating** *(05 53 13 00-0064)* Note: 1" clear opening, bolted in place and in all sizes.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0079	SF	3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating	33.16	0.97
		For 5/8" Clear Opening, Add	*10.77*	
		For Powder Coating, Add	*4.68*	
		For Set In Place Without Bolting, Deduct	*-2.08*	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating	39.34	0.97
		For 5/8" Clear Opening, Add	*12.90*	
		For Powder Coating, Add	*5.61*	
		For Set In Place Without Bolting, Deduct	*-2.23*	
05 53 13 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating	36.46	0.97
		For 5/8" Clear Opening, Add	*11.91*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*5.18*	
		For Set In Place Without Bolting, Deduct	*-2.16*	
05 53 13 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating	42.50	0.97
		For 5/8" Clear Opening, Add	*13.99*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*6.08*	
		For Set In Place Without Bolting, Deduct	*-2.31*	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating	40.88	0.97
		For 5/8" Clear Opening, Add	*13.43*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*5.84*	
		For Set In Place Without Bolting, Deduct	*-2.27*	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating	49.25	0.97
		For 5/8" Clear Opening, Add	*16.32*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.10*	
		For Set In Place Without Bolting, Deduct	*-2.48*	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating	43.89	0.97
		For 5/8" Clear Opening, Add	*14.47*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*6.29*	
		For Set In Place Without Bolting, Deduct	*-2.35*	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating	54.53	0.97
		For 5/8" Clear Opening, Add	*18.14*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.89*	
		For Set In Place Without Bolting, Deduct	*-2.61*	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating	60.10	0.97
		For 5/8" Clear Opening, Add	*20.07*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*8.72*	
		For Set In Place Without Bolting, Deduct	*-2.75*	
05 53 13 00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating	71.56	0.97
		For 5/8" Clear Opening, Add	*24.02*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*10.44*	
		For Set In Place Without Bolting, Deduct	*-3.04*	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating	78.05	0.97
		For 5/8" Clear Opening, Add	*26.26*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*11.42*	
		For Set In Place Without Bolting, Deduct	*-3.20*	
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating	86.77	0.97
		For 5/8" Clear Opening, Add	*29.27*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*12.72*	
		For Set In Place Without Bolting, Deduct	*-3.42*	

05 54 Metal Floor Plates *(05 50)*

05 54 00 00-0001 Steel Floor Plates *(05 54)*

05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates	12.09	1.14
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates	13.76	1.14
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates	17.12	1.14
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates	22.84	1.23
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates	28.86	1.33

05 54 00 00-0007 Aluminum Alloy Floor Plates *(05 54)*

05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	17.74	0.97
		For Powder Coating, Add	*2.37*	
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	20.34	1.14
		For Powder Coating, Add	*2.72*	
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	22.97	1.23
		For Powder Coating, Add	*3.08*	

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates *(05 54)*

05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	27.03	1.33
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	32.30	1.50
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate	41.81	1.76

05 55 Metal Stair Treads And Nosings *(05 50)*

05 55 13 Metal Stair Treads *(05 55)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0001		**Abrasive Cast Aluminum Stair Treads** *(05 55 13)* Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	44.28	5.36
		For 3/8" Thick, Add	*8.92*	
05 55 13 00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	48.48	5.36
		For 3/8" Thick, Add	*9.97*	
05 55 13 00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	52.67	5.36
		For 3/8" Thick, Add	*11.02*	
05 55 13 00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	56.89	5.36
		For 3/8" Thick, Add	*12.08*	
05 55 13 00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	61.06	5.36
		For 3/8" Thick, Add	*13.12*	
05 55 13 00-0007		**Abrasive Cast Iron Stair Treads** *(05 55 13)* Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	60.57	5.36
05 55 13 00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	66.80	5.36
05 55 13 00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	73.04	5.36
05 55 13 00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	79.26	5.36
05 55 13 00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	85.50	5.36
05 55 13 00-0013		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads** *(05 55 13)* Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0014	LF	6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	24.63	5.36
05 55 13 00-0015	LF	9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	28.44	5.36
05 55 13 00-0016	LF	11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	30.12	5.36
05 55 13 00-0017		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads** *(05 55 13)* Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018	LF	8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	35.14	5.36
		For Epoxy Sealed For Corrosive Environment, Add	*2.64*	
		For Two Color Tread, Add	*1.98*	
05 55 13 00-0019	LF	9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	35.45	5.36
		For Epoxy Sealed For Corrosive Environment, Add	*2.64*	
		For Two Color Tread, Add	*1.98*	
05 55 13 00-0020	LF	11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	42.30	5.36
		For Epoxy Sealed For Corrosive Environment, Add	*2.64*	
		For Two Color Tread, Add	*1.98*	
05 55 13 00-0021	LF	12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	48.30	5.36
		For Epoxy Sealed For Corrosive Environment, Add	*2.64*	
		For Two Color Tread, Add	*1.98*	
05 55 13 00-0022	LF	15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	56.12	5.36
		For Epoxy Sealed For Corrosive Environment, Add	*2.64*	
		For Two Color Tread, Add	*1.98*	
05 55 13 00-0023		**Stair Landing Treads** *(05 55 13)*		
05 55 13 00-0024		**Abrasive Cast Aluminum Stair Landing Treads** *(05 55 13 00-0023)* Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF	5/16" Thick, Abrasive Cast Aluminum Landing Treads	61.06	5.36
		For 3/8" Thick, Add	*13.12*	
05 55 13 00-0026		**Abrasive Cast Iron Stair Landing Treads** *(05 55 13 00-0023)* Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF	3/8" Thick, Abrasive Cast Iron Landing Treads	85.50	5.36
05 55 13 00-0028		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads** *(05 55 13 00-0023)* Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF	9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	56.81	5.36
		For Epoxy Sealed For Corrosive Environment, Add	*2.64*	
05 55 13 00-0030		**Open Cast Iron Stair Tread** *(05 55 13)* Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR	3'-6" Wide, Open Cast Iron Stair Tread	419.12	35.22
		For Closed Riser, Add	*35.71*	
05 55 13 00-0032	RSR	4'-0" Wide, Open Cast Iron Stair Tread	473.17	40.50
		For Closed Riser, Add	*40.19*	
05 55 13 00-0033	RSR	5'-0" Wide, Open Cast Iron Stair Tread	522.91	47.55
		For Closed Riser, Add	*44.35*	

05 55 16 Metal Stair Nosings *(05 55)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0001		**Abrasive Cast Aluminum Nosings** *(05 55 16)* Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	19.39	3.66
		For 3/8" Thick, Add	*3.39*	
05 55 16 00-0003	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	23.44	3.66
		For 3/8" Thick, Add	*4.40*	
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	32.48	3.66
		For 3/8" Thick, Add	*6.66*	
05 55 16 00-0005		**Abrasive Cast Iron Nosings** *(05 55 16)* Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	22.35	3.66
		For 3/8" Thick, Add	*4.13*	
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	27.34	3.66
		For 3/8" Thick, Add	*5.37*	
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	37.21	3.66
		For 3/8" Thick, Add	*7.84*	
05 55 16 00-0009		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings** *(05 55 16)* Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	16.64	3.66
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	18.59	3.66
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	20.09	3.66
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	24.73	3.66
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	17.17	3.66
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	18.83	3.66
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	20.48	3.66
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	19.48	3.66

05 56 Metal Castings *(05 50)*

05 56 00 00-0001		**Castings** *(05 56)*		
05 56 00 00-0002	LB	Up To 150 LB, Miscellaneous Castings, Light Section	3.41	0.44
05 56 00 00-0003	LB	>150 LB, Miscellaneous Castings, Heavy Section	5.61	0.35

05 58 Formed Metal Fabrications *(05 50)*

05 58 13 Column Covers *(05 58)*

05 58 13 00-0001		**Architectural Column Cover, Aluminum** *(05 58 13)* Note: Includes snapform column joint, anodized finish, and column collars at top and bottom (Pittcon Series 1500).		
05 58 13 00-0002	LF	10" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	82.53	
05 58 13 00-0003	LF	12" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	97.32	
05 58 13 00-0004	LF	14" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	116.40	
05 58 13 00-0005	LF	16" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	131.19	
05 58 13 00-0006	LF	18" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	147.70	
05 58 13 00-0007	LF	20" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	164.04	
05 58 13 00-0008	LF	24" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	194.84	
05 58 13 00-0009	LF	30" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	240.54	
05 58 13 00-0010	LF	36" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	262.36	
05 58 13 00-0011	LF	42" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	284.18	
05 58 13 00-0012	LF	48" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	320.37	
05 58 13 00-0013	LF	54" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section Note: Includes column base and top collar.	373.70	
05 58 13 00-0014		**Monolithic Column Cover, Aluminum** *(05 58 13)* Note: Includes painted, and column collars at top and bottom (Pittcon Series 100).		
05 58 13 00-0015	LF	7" Diameter Monolithic Column Cover, Aluminum, Factory	32.20	
05 58 13 00-0016	LF	8" Diameter Monolithic Column Cover, Aluminum, Factory	36.50	
05 58 13 00-0017	LF	9" Diameter Monolithic Column Cover, Aluminum, Factory	40.65	
05 58 13 00-0018	LF	10" Diameter Monolithic Column Cover, Aluminum, Factory	45.09	
05 58 13 00-0019	LF	12" Diameter Monolithic Column Cover, Aluminum, Factory Primed, Including Column Base And Top Collar	53.42	

05 58 16 Formed Metal Enclosures *(05 58)*

05 58 16 00-0001		**Drip Pan** *(05 58 16)*		
05 58 16 00-0002	SF	Stainless Steel Drip Pan	67.50	5.19
05 58 16 00-0003	SF	Galvanized Steel Drip Pan	66.71	5.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 58 16 00-0004	SF	Aluminum Drip Pan	47.07	4.15
05 58 16 00-0005	SF	Plastic Drip Pan	13.47	3.64

05 58 23 Formed Metal Guards *(05 58)*

05 58 23 00-0001 Protective Guard Rails *(05 58 23)*
Note: Includes painted finish.

05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*
Note: Steel King Armor Guard.

05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0002)*
Note: Excludes posts. Includes fasteners.

05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	127.18	17.56
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	148.18	17.56
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	167.99	17.56
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	188.99	17.56
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	208.91	17.56
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	234.74	17.56
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	252.34	17.56
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	279.58	17.56
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	297.47	17.56
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	310.24	17.56

05 58 23 00-0014 Posts For 2-Rib Guard Rails *(05 58 23 00-0002)*
Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	259.33	36.57
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	332.27	36.57

05 58 23 00-0017 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*
Note: Steel King Steel Guard.

05 58 23 00-0018 Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*
Note: Excludes posts. Includes fasteners.

05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	139.83	17.56
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	153.80	17.56
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	171.22	17.56
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	187.52	17.56
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	206.36	17.56
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	215.44	17.56
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	237.30	17.56
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	255.74	17.56
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	275.33	17.56
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	295.19	17.56

05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*
Note: Excludes posts. Includes fasteners and lift-out mounting plate.

05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	202.67	17.56
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	218.00	17.56
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	233.89	17.56
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	252.34	17.56
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	270.79	17.56
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	285.83	17.56
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	303.14	17.56
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	322.72	17.56
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	343.73	17.56
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	362.18	17.56

05 58 23 00-0040 Posts For 3-Rib Guard Rails *(05 58 23 00-0017)*
Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	230.27	36.57
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	289.42	36.57

05 58 23 00-0043 All-Welded, Protective Guards *(05 58 23)*
Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.

05 58 23 00-0044 All-Welded, Protective Guards *(05 58 23 00-0043)*

05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	301.02	48.77
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	315.21	48.77
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	323.44	48.77
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	335.64	48.77
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	332.80	48.77
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	347.84	48.77
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	352.10	48.77
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	356.93	48.77
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	379.92	48.77

05 58 23 00-0054 Corner Style, All-Welded, Protective Guards *(05 58 23 00-0043)*

05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	389.00	48.77
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	406.03	48.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	413.12	48.77
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	448.03	48.77

05 58 23 00-0059 Warehouse Safety Bollards *(05 58 23)*

Note: Includes painted finish, drilling, surface mounting plate and anchors.

05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	193.55	36.57
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	221.59	36.57
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	251.28	36.57
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	259.40	36.57
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	278.13	36.57

05 59 Metal Specialties *(05 50)*

05 59 65 Metal Chain *(05 59)*

05 59 65 00-0001 Alloy Steel Chain, Self Colored, Cut Length *(05 59 65)*

Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.

05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	4.18	0.85
		For Plastic Dipped, Add	*0.37*	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	5.60	1.14
		For Plastic Dipped, Add	*0.50*	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	9.02	2.26
		For Plastic Dipped, Add	*0.67*	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	14.55	3.82
		For Plastic Dipped, Add	*1.04*	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	24.57	6.46
		For Plastic Dipped, Add	*1.75*	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	34.48	9.07
		For Plastic Dipped, Add	*2.45*	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	46.63	11.33
		For Plastic Dipped, Add	*3.60*	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	66.98	15.10
		For Plastic Dipped, Add	*5.51*	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	108.23	22.66
		For Plastic Dipped, Add	*9.44*	

05 59 69 Metal Panels *(05 59)*

05 59 69 00-0001 Woven And Welded Wire Cloth *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0129 for spot welding.

05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels *(05 59 69 00-0001)*

05 59 69 00-0003 2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0004	SF	0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels	6.96	2.43
		For Up To 2, Add	*2.04*	
		For >2 To 6, Add	*1.18*	
		For >15 To 40, Deduct	*-0.19*	
		For >40, Deduct	*-0.56*	
		For Galvanized, Add	*1.87*	
		For Aluminum, Add	*2.24*	
		For 304 Stainless Steel, Add	*8.95*	
		For 316 Stainless Steel, Add	*10.26*	
05 59 69 00-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels	7.46	2.52
		For Up To 2, Add	*2.16*	
		For >2 To 6, Add	*1.25*	
		For >15 To 40, Deduct	*-0.21*	
		For >40, Deduct	*-0.62*	
		For Galvanized, Add	*2.05*	
		For Aluminum, Add	*2.46*	
		For 304 Stainless Steel, Add	*9.84*	
		For 316 Stainless Steel, Add	*11.28*	
05 59 69 00-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels	7.96	2.79
		For Up To 2, Add	*2.34*	
		For >2 To 6, Add	*1.35*	
		For >15 To 40, Deduct	*-0.21*	
		For >40, Deduct	*-0.64*	
		For Galvanized, Add	*2.12*	
		For Aluminum, Add	*2.54*	
		For 304 Stainless Steel, Add	*10.18*	
		For 316 Stainless Steel, Add	*11.66*	
05 59 69 00-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels	8.39	2.91
		For Up To 2, Add	*2.45*	
		For >2 To 6, Add	*1.42*	
		For >15 To 40, Deduct	*-0.23*	
		For >40, Deduct	*-0.68*	
		For Galvanized, Add	*2.26*	
		For Aluminum, Add	*2.71*	
		For 304 Stainless Steel, Add	*10.82*	
		For 316 Stainless Steel, Add	*12.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0008	SF	0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels	9.19	3.26
		For Up To 2, Add	*2.71*	
		For >2 To 6, Add	*1.57*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.73*	
		For Galvanized, Add	*2.42*	
		For Aluminum, Add	*2.90*	
		For 304 Stainless Steel, Add	*11.62*	
		For 316 Stainless Steel, Add	*13.31*	
05 59 69 00-0009	SF	0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels	10.53	3.63
		For Up To 2, Add	*3.08*	
		For >2 To 6, Add	*1.78*	
		For >15 To 40, Deduct	*-0.28*	
		For >40, Deduct	*-0.85*	
		For Galvanized, Add	*2.84*	
		For Aluminum, Add	*3.41*	
		For 304 Stainless Steel, Add	*13.63*	
		For 316 Stainless Steel, Add	*15.62*	
05 59 69 00-0010	SF	0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels	11.91	3.99
		For Up To 2, Add	*3.45*	
		For >2 To 6, Add	*1.99*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-0.99*	
		For Galvanized, Add	*3.29*	
		For Aluminum, Add	*3.95*	
		For 304 Stainless Steel, Add	*15.79*	
		For 316 Stainless Steel, Add	*18.10*	
05 59 69 00-0011	SF	0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	13.60	4.44
		For Up To 2, Add	*3.90*	
		For >2 To 6, Add	*2.25*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.15*	
		For Galvanized, Add	*3.84*	
		For Aluminum, Add	*4.61*	
		For 304 Stainless Steel, Add	*18.43*	
		For 316 Stainless Steel, Add	*21.12*	

05 59 69 00-0012 1-3/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0013	SF	0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	7.31	2.57
		For Up To 2, Add	*2.15*	
		For >2 To 6, Add	*1.24*	
		For >15 To 40, Deduct	*-0.19*	
		For >40, Deduct	*-0.58*	
		For Galvanized, Add	*1.95*	
		For Aluminum, Add	*2.33*	
		For 304 Stainless Steel, Add	*9.34*	
		For 316 Stainless Steel, Add	*10.70*	
05 59 69 00-0014	SF	0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	8.01	2.70
		For Up To 2, Add	*2.32*	
		For >2 To 6, Add	*1.34*	
		For >15 To 40, Deduct	*-0.22*	
		For >40, Deduct	*-0.66*	
		For Galvanized, Add	*2.20*	
		For Aluminum, Add	*2.64*	
		For 304 Stainless Steel, Add	*10.56*	
		For 316 Stainless Steel, Add	*12.10*	
05 59 69 00-0015	SF	0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	8.64	3.03
		For Up To 2, Add	*2.54*	
		For >2 To 6, Add	*1.47*	
		For >15 To 40, Deduct	*-0.23*	
		For >40, Deduct	*-0.69*	
		For Galvanized, Add	*2.30*	
		For Aluminum, Add	*2.75*	
		For 304 Stainless Steel, Add	*11.02*	
		For 316 Stainless Steel, Add	*12.62*	
05 59 69 00-0016	SF	0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	9.01	3.13
		For Up To 2, Add	*2.64*	
		For >2 To 6, Add	*1.53*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.73*	
		For Galvanized, Add	*2.42*	
		For Aluminum, Add	*2.90*	
		For 304 Stainless Steel, Add	*11.62*	
		For 316 Stainless Steel, Add	*13.31*	
05 59 69 00-0017	SF	0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	9.89	3.51
		For Up To 2, Add	*2.91*	
		For >2 To 6, Add	*1.69*	
		For >15 To 40, Deduct	*-0.26*	
		For >40, Deduct	*-0.78*	
		For Galvanized, Add	*2.61*	
		For Aluminum, Add	*3.13*	
		For 304 Stainless Steel, Add	*12.50*	
		For 316 Stainless Steel, Add	*14.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0018	SF	0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	11.33	3.91
		For Up To 2, Add	*3.31*	
		For >2 To 6, Add	*1.92*	
		For >15 To 40, Deduct	*-0.31*	
		For >40, Deduct	*-0.92*	
		For Galvanized, Add	*3.06*	
		For Aluminum, Add	*3.67*	
		For 304 Stainless Steel, Add	*14.66*	
		For 316 Stainless Steel, Add	*16.80*	
05 59 69 00-0019	SF	0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	12.79	4.30
		For Up To 2, Add	*3.70*	
		For >2 To 6, Add	*2.14*	
		For >15 To 40, Deduct	*-0.35*	
		For >40, Deduct	*-1.06*	
		For Galvanized, Add	*3.53*	
		For Aluminum, Add	*4.24*	
		For 304 Stainless Steel, Add	*16.94*	
		For 316 Stainless Steel, Add	*19.42*	
05 59 69 00-0020	SF	0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	14.64	4.78
		For Up To 2, Add	*4.20*	
		For >2 To 6, Add	*2.42*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.24*	
		For Galvanized, Add	*4.14*	
		For Aluminum, Add	*4.96*	
		For 304 Stainless Steel, Add	*19.85*	
		For 316 Stainless Steel, Add	*22.74*	

05 59 69 00-0021 1-1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0022	SF	0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	8.09	2.85
		For Up To 2, Add	*2.38*	
		For >2 To 6, Add	*1.38*	
		For >15 To 40, Deduct	*-0.22*	
		For >40, Deduct	*-0.65*	
		For Galvanized, Add	*2.15*	
		For Aluminum, Add	*2.58*	
		For 304 Stainless Steel, Add	*10.32*	
		For 316 Stainless Steel, Add	*11.83*	
05 59 69 00-0023	SF	0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	8.85	2.99
		For Up To 2, Add	*2.57*	
		For >2 To 6, Add	*1.48*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.73*	
		For Galvanized, Add	*2.44*	
		For Aluminum, Add	*2.92*	
		For 304 Stainless Steel, Add	*11.69*	
		For 316 Stainless Steel, Add	*13.39*	
05 59 69 00-0024	SF	0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	9.46	3.32
		For Up To 2, Add	*2.78*	
		For >2 To 6, Add	*1.61*	
		For >15 To 40, Deduct	*-0.25*	
		For >40, Deduct	*-0.75*	
		For Galvanized, Add	*2.52*	
		For Aluminum, Add	*3.02*	
		For 304 Stainless Steel, Add	*12.07*	
		For 316 Stainless Steel, Add	*13.83*	
05 59 69 00-0025	SF	0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	9.96	3.45
		For Up To 2, Add	*2.91*	
		For >2 To 6, Add	*1.69*	
		For >15 To 40, Deduct	*-0.27*	
		For >40, Deduct	*-0.80*	
		For Galvanized, Add	*2.68*	
		For Aluminum, Add	*3.21*	
		For 304 Stainless Steel, Add	*12.84*	
		For 316 Stainless Steel, Add	*14.71*	
05 59 69 00-0026	SF	0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	10.88	3.86
		For Up To 2, Add	*3.21*	
		For >2 To 6, Add	*1.86*	
		For >15 To 40, Deduct	*-0.29*	
		For >40, Deduct	*-0.86*	
		For Galvanized, Add	*2.87*	
		For Aluminum, Add	*3.44*	
		For 304 Stainless Steel, Add	*13.75*	
		For 316 Stainless Steel, Add	*15.76*	
05 59 69 00-0027	SF	0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	12.39	4.28
		For Up To 2, Add	*3.62*	
		For >2 To 6, Add	*2.10*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-1.00*	
		For Galvanized, Add	*3.34*	
		For Aluminum, Add	*4.01*	
		For 304 Stainless Steel, Add	*16.03*	
		For 316 Stainless Steel, Add	*18.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0028	SF	0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	13.99	4.71
		For Up To 2, Add	*4.05*	
		For >2 To 6, Add	*2.34*	
		For >15 To 40, Deduct	*-0.39*	
		For >40, Deduct	*-1.16*	
		For Galvanized, Add	*3.87*	
		For Aluminum, Add	*4.64*	
		For 304 Stainless Steel, Add	*18.55*	
		For 316 Stainless Steel, Add	*21.26*	
05 59 69 00-0029	SF	0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	15.96	5.21
		For Up To 2, Add	*4.58*	
		For >2 To 6, Add	*2.64*	
		For >15 To 40, Deduct	*-0.45*	
		For >40, Deduct	*-1.35*	
		For Galvanized, Add	*4.51*	
		For Aluminum, Add	*5.41*	
		For 304 Stainless Steel, Add	*21.65*	
		For 316 Stainless Steel, Add	*24.81*	

05 59 69 00-0030 1-1/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0031	SF	0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels	8.33	3.07
		For Up To 2, Add	*2.49*	
		For >2 To 6, Add	*1.45*	
		For >15 To 40, Deduct	*-0.21*	
		For >40, Deduct	*-0.63*	
		For Galvanized, Add	*2.11*	
		For Aluminum, Add	*2.53*	
		For 304 Stainless Steel, Add	*10.13*	
		For 316 Stainless Steel, Add	*11.61*	
05 59 69 00-0032	SF	0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	8.98	3.23
		For Up To 2, Add	*2.66*	
		For >2 To 6, Add	*1.54*	
		For >15 To 40, Deduct	*-0.23*	
		For >40, Deduct	*-0.70*	
		For Galvanized, Add	*2.34*	
		For Aluminum, Add	*2.80*	
		For 304 Stainless Steel, Add	*11.21*	
		For 316 Stainless Steel, Add	*12.84*	
05 59 69 00-0033	SF	0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	9.71	3.36
		For Up To 2, Add	*2.84*	
		For >2 To 6, Add	*1.64*	
		For >15 To 40, Deduct	*-0.26*	
		For >40, Deduct	*-0.78*	
		For Galvanized, Add	*2.61*	
		For Aluminum, Add	*3.13*	
		For 304 Stainless Steel, Add	*12.53*	
		For 316 Stainless Steel, Add	*14.36*	
05 59 69 00-0034	SF	0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	10.00	3.43
		For Up To 2, Add	*2.91*	
		For >2 To 6, Add	*1.69*	
		For >15 To 40, Deduct	*-0.27*	
		For >40, Deduct	*-0.81*	
		For Galvanized, Add	*2.72*	
		For Aluminum, Add	*3.26*	
		For 304 Stainless Steel, Add	*13.03*	
		For 316 Stainless Steel, Add	*14.93*	
05 59 69 00-0035	SF	0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	10.88	3.87
		For Up To 2, Add	*3.21*	
		For >2 To 6, Add	*1.86*	
		For >15 To 40, Deduct	*-0.29*	
		For >40, Deduct	*-0.86*	
		For Galvanized, Add	*2.86*	
		For Aluminum, Add	*3.43*	
		For 304 Stainless Steel, Add	*13.73*	
		For 316 Stainless Steel, Add	*15.73*	
05 59 69 00-0036	SF	0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	12.26	4.35
		For Up To 2, Add	*3.61*	
		For >2 To 6, Add	*2.10*	
		For >15 To 40, Deduct	*-0.32*	
		For >40, Deduct	*-0.97*	
		For Galvanized, Add	*3.23*	
		For Aluminum, Add	*3.87*	
		For 304 Stainless Steel, Add	*15.48*	
		For 316 Stainless Steel, Add	*17.74*	
05 59 69 00-0037	SF	0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	13.90	4.80
		For Up To 2, Add	*4.06*	
		For >2 To 6, Add	*2.35*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.13*	
		For Galvanized, Add	*3.75*	
		For Aluminum, Add	*4.50*	
		For 304 Stainless Steel, Add	*18.00*	
		For 316 Stainless Steel, Add	*20.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0038	SF	0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	15.62	5.25
		For Up To 2, Add	*4.52*	
		For >2 To 6, Add	*2.61*	
		For >15 To 40, Deduct	*-0.43*	
		For >40, Deduct	*-1.29*	
		For Galvanized, Add	*4.32*	
		For Aluminum, Add	*5.18*	
		For 304 Stainless Steel, Add	*20.71*	
		For 316 Stainless Steel, Add	*23.73*	
05 59 69 00-0039	SF	0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	17.86	5.83
		For Up To 2, Add	*5.13*	
		For >2 To 6, Add	*2.95*	
		For >15 To 40, Deduct	*-0.50*	
		For >40, Deduct	*-1.51*	
		For Galvanized, Add	*5.05*	
		For Aluminum, Add	*6.05*	
		For 304 Stainless Steel, Add	*24.22*	
		For 316 Stainless Steel, Add	*27.75*	

05 59 69 00-0040 1" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0041	SF	0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels	9.52	3.61
		For Up To 2, Add	*2.86*	
		For >2 To 6, Add	*1.67*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.71*	
		For Galvanized, Add	*2.36*	
		For Aluminum, Add	*2.83*	
		For 304 Stainless Steel, Add	*11.33*	
		For 316 Stainless Steel, Add	*12.98*	
05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	10.18	3.75
		For Up To 2, Add	*3.04*	
		For >2 To 6, Add	*1.77*	
		For >15 To 40, Deduct	*-0.26*	
		For >40, Deduct	*-0.78*	
		For Galvanized, Add	*2.59*	
		For Aluminum, Add	*3.11*	
		For 304 Stainless Steel, Add	*12.43*	
		For 316 Stainless Steel, Add	*14.25*	
05 59 69 00-0043	SF	0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	10.61	3.91
		For Up To 2, Add	*3.17*	
		For >2 To 6, Add	*1.85*	
		For >15 To 40, Deduct	*-0.27*	
		For >40, Deduct	*-0.81*	
		For Galvanized, Add	*2.69*	
		For Aluminum, Add	*3.23*	
		For 304 Stainless Steel, Add	*12.91*	
		For 316 Stainless Steel, Add	*14.80*	
05 59 69 00-0044	SF	0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels	11.31	3.97
		For Up To 2, Add	*3.32*	
		For >2 To 6, Add	*1.93*	
		For >15 To 40, Deduct	*-0.30*	
		For >40, Deduct	*-0.90*	
		For Galvanized, Add	*3.01*	
		For Aluminum, Add	*3.61*	
		For 304 Stainless Steel, Add	*14.42*	
		For 316 Stainless Steel, Add	*16.53*	
05 59 69 00-0045	SF	0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	12.60	4.48
		For Up To 2, Add	*3.72*	
		For >2 To 6, Add	*2.16*	
		For >15 To 40, Deduct	*-0.33*	
		For >40, Deduct	*-0.99*	
		For Galvanized, Add	*3.31*	
		For Aluminum, Add	*3.97*	
		For 304 Stainless Steel, Add	*15.89*	
		For 316 Stainless Steel, Add	*18.21*	
05 59 69 00-0046	SF	0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels	14.13	5.01
		For Up To 2, Add	*4.16*	
		For >2 To 6, Add	*2.42*	
		For >15 To 40, Deduct	*-0.37*	
		For >40, Deduct	*-1.12*	
		For Galvanized, Add	*3.72*	
		For Aluminum, Add	*4.46*	
		For 304 Stainless Steel, Add	*17.86*	
		For 316 Stainless Steel, Add	*20.46*	
05 59 69 00-0047	SF	0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels	16.13	5.56
		For Up To 2, Add	*4.71*	
		For >2 To 6, Add	*2.73*	
		For >15 To 40, Deduct	*-0.44*	
		For >40, Deduct	*-1.31*	
		For Galvanized, Add	*4.35*	
		For Aluminum, Add	*5.22*	
		For 304 Stainless Steel, Add	*20.88*	
		For 316 Stainless Steel, Add	*23.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0048	SF	0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	18.10	6.08
		For Up To 2, Add	*5.24*	
		For >2 To 6, Add	*3.03*	
		For >15 To 40, Deduct	*-0.50*	
		For >40, Deduct	*-1.50*	
		For Galvanized, Add	*5.00*	
		For Aluminum, Add	*6.00*	
		For 304 Stainless Steel, Add	*24.00*	
		For 316 Stainless Steel, Add	*27.50*	
05 59 69 00-0049	SF	0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	20.61	6.72
		For Up To 2, Add	*5.92*	
		For >2 To 6, Add	*3.41*	
		For >15 To 40, Deduct	*-0.58*	
		For >40, Deduct	*-1.75*	
		For Galvanized, Add	*5.82*	
		For Aluminum, Add	*6.98*	
		For 304 Stainless Steel, Add	*27.94*	
		For 316 Stainless Steel, Add	*32.01*	

05 59 69 00-0050 3/4" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0051	SF	0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	9.63	3.60
		For Up To 2, Add	*2.89*	
		For >2 To 6, Add	*1.68*	
		For >15 To 40, Deduct	*-0.24*	
		For >40, Deduct	*-0.72*	
		For Galvanized, Add	*2.42*	
		For Aluminum, Add	*2.90*	
		For 304 Stainless Steel, Add	*11.59*	
		For 316 Stainless Steel, Add	*13.28*	
05 59 69 00-0052	SF	0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	10.75	4.04
		For Up To 2, Add	*3.22*	
		For >2 To 6, Add	*1.88*	
		For >15 To 40, Deduct	*-0.27*	
		For >40, Deduct	*-0.81*	
		For Galvanized, Add	*2.69*	
		For Aluminum, Add	*3.23*	
		For 304 Stainless Steel, Add	*12.91*	
		For 316 Stainless Steel, Add	*14.80*	
05 59 69 00-0053	SF	0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	11.93	4.56
		For Up To 2, Add	*3.60*	
		For >2 To 6, Add	*2.11*	
		For >15 To 40, Deduct	*-0.29*	
		For >40, Deduct	*-0.88*	
		For Galvanized, Add	*2.93*	
		For Aluminum, Add	*3.51*	
		For 304 Stainless Steel, Add	*14.04*	
		For 316 Stainless Steel, Add	*16.09*	
05 59 69 00-0054	SF	0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	12.88	4.86
		For Up To 2, Add	*3.87*	
		For >2 To 6, Add	*2.26*	
		For >15 To 40, Deduct	*-0.32*	
		For >40, Deduct	*-0.96*	
		For Galvanized, Add	*3.20*	
		For Aluminum, Add	*3.84*	
		For 304 Stainless Steel, Add	*15.36*	
		For 316 Stainless Steel, Add	*17.60*	
05 59 69 00-0055	SF	0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	14.86	5.46
		For Up To 2, Add	*4.43*	
		For >2 To 6, Add	*2.58*	
		For >15 To 40, Deduct	*-0.38*	
		For >40, Deduct	*-1.14*	
		For Galvanized, Add	*3.79*	
		For Aluminum, Add	*4.54*	
		For 304 Stainless Steel, Add	*18.17*	
		For 316 Stainless Steel, Add	*20.82*	
05 59 69 00-0056	SF	0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	17.06	6.11
		For Up To 2, Add	*5.04*	
		For >2 To 6, Add	*2.93*	
		For >15 To 40, Deduct	*-0.45*	
		For >40, Deduct	*-1.34*	
		For Galvanized, Add	*4.46*	
		For Aluminum, Add	*5.35*	
		For 304 Stainless Steel, Add	*21.38*	
		For 316 Stainless Steel, Add	*24.50*	
05 59 69 00-0057	SF	0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	19.38	6.75
		For Up To 2, Add	*5.68*	
		For >2 To 6, Add	*3.29*	
		For >15 To 40, Deduct	*-0.52*	
		For >40, Deduct	*-1.56*	
		For Galvanized, Add	*5.19*	
		For Aluminum, Add	*6.22*	
		For 304 Stainless Steel, Add	*24.89*	
		For 316 Stainless Steel, Add	*28.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0058	SF	0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels	21.65	7.35
		For Up To 2, Add	*6.29*	
		For >2 To 6, Add	*3.63*	
		For >15 To 40, Deduct	*-0.59*	
		For >40, Deduct	*-1.78*	
		For Galvanized, Add	*5.93*	
		For Aluminum, Add	*7.12*	
		For 304 Stainless Steel, Add	*28.46*	
		For 316 Stainless Steel, Add	*32.62*	
05 59 69 00-0059	SF	0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels	24.64	8.12
		For Up To 2, Add	*7.09*	
		For >2 To 6, Add	*4.09*	
		For >15 To 40, Deduct	*-0.69*	
		For >40, Deduct	*-2.07*	
		For Galvanized, Add	*6.91*	
		For Aluminum, Add	*8.29*	
		For 304 Stainless Steel, Add	*33.14*	
		For 316 Stainless Steel, Add	*37.98*	

05 59 69 00-0060 1/2" Square Wire Spacing *(05 59 69 00-0002)*

05 59 69 00-0061	SF	0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels	10.07	3.85
		For Up To 2, Add	*3.04*	
		For >2 To 6, Add	*1.78*	
		For >15 To 40, Deduct	*-0.25*	
		For >40, Deduct	*-0.74*	
		For Galvanized, Add	*2.47*	
		For Aluminum, Add	*2.96*	
		For 304 Stainless Steel, Add	*11.86*	
		For 316 Stainless Steel, Add	*13.59*	
05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels	11.84	4.68
		For Up To 2, Add	*3.62*	
		For >2 To 6, Add	*2.12*	
		For >15 To 40, Deduct	*-0.28*	
		For >40, Deduct	*-0.84*	
		For Galvanized, Add	*2.80*	
		For Aluminum, Add	*3.35*	
		For 304 Stainless Steel, Add	*13.42*	
		For 316 Stainless Steel, Add	*15.37*	
05 59 69 00-0063	SF	0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels	14.27	5.53
		For Up To 2, Add	*4.33*	
		For >2 To 6, Add	*2.53*	
		For >15 To 40, Deduct	*-0.34*	
		For >40, Deduct	*-1.03*	
		For Galvanized, Add	*3.45*	
		For Aluminum, Add	*4.13*	
		For 304 Stainless Steel, Add	*16.54*	
		For 316 Stainless Steel, Add	*18.95*	
05 59 69 00-0064	SF	0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	16.42	6.21
		For Up To 2, Add	*4.94*	
		For >2 To 6, Add	*2.88*	
		For >15 To 40, Deduct	*-0.41*	
		For >40, Deduct	*-1.22*	
		For Galvanized, Add	*4.07*	
		For Aluminum, Add	*4.88*	
		For 304 Stainless Steel, Add	*19.54*	
		For 316 Stainless Steel, Add	*22.39*	
05 59 69 00-0065	SF	0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels	18.82	6.93
		For Up To 2, Add	*5.61*	
		For >2 To 6, Add	*3.27*	
		For >15 To 40, Deduct	*-0.48*	
		For >40, Deduct	*-1.44*	
		For Galvanized, Add	*4.79*	
		For Aluminum, Add	*5.74*	
		For 304 Stainless Steel, Add	*22.97*	
		For 316 Stainless Steel, Add	*26.32*	
05 59 69 00-0066	SF	0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels	21.52	7.73
		For Up To 2, Add	*6.36*	
		For >2 To 6, Add	*3.70*	
		For >15 To 40, Deduct	*-0.56*	
		For >40, Deduct	*-1.68*	
		For Galvanized, Add	*5.61*	
		For Aluminum, Add	*6.73*	
		For 304 Stainless Steel, Add	*26.93*	
		For 316 Stainless Steel, Add	*30.86*	
05 59 69 00-0067	SF	0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels	24.29	8.49
		For Up To 2, Add	*7.12*	
		For >2 To 6, Add	*4.13*	
		For >15 To 40, Deduct	*-0.65*	
		For >40, Deduct	*-1.95*	
		For Galvanized, Add	*6.49*	
		For Aluminum, Add	*7.78*	
		For 304 Stainless Steel, Add	*31.13*	
		For 316 Stainless Steel, Add	*35.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0068	SF	0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	27.09	9.21
		For Up To 2, Add	*7.87*	
		For >2 To 6, Add	*4.55*	
		For >15 To 40, Deduct	*-0.74*	
		For >40, Deduct	*-2.22*	
		For Galvanized, Add	*7.41*	
		For Aluminum, Add	*8.89*	
		For 304 Stainless Steel, Add	*35.54*	
		For 316 Stainless Steel, Add	*40.73*	
05 59 69 00-0069	SF	0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	28.31	10.13
		For Up To 2, Add	*8.36*	
		For >2 To 6, Add	*4.86*	
		For >15 To 40, Deduct	*-0.74*	
		For >40, Deduct	*-2.22*	
		For Galvanized, Add	*7.41*	
		For Aluminum, Add	*8.89*	
		For 304 Stainless Steel, Add	*35.54*	
		For 316 Stainless Steel, Add	*40.73*	

05 59 69 00-0070 Expanded Metal Panels *(05 59 69)*

Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0129 for spot welding.

05 59 69 00-0071 Plain Flattened Expanded Metal Diamond Shape Panels *(05 59 69 00-0070)*

Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0129 for spot welding.

05 59 69 00-0072	SF	1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	8.98	3.32
		For Galvanized, Add	*2.28*	
		For Aluminum, Add	*2.73*	
		For 304 Stainless Steel, Add	*10.92*	
		For 316 Stainless Steel, Add	*12.51*	
05 59 69 00-0073	SF	1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	11.28	3.63
		For Galvanized, Add	*3.22*	
		For Aluminum, Add	*3.86*	
		For 304 Stainless Steel, Add	*15.43*	
		For 316 Stainless Steel, Add	*17.68*	
05 59 69 00-0074	SF	1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	6.47	2.57
		For Galvanized, Add	*1.53*	
		For Aluminum, Add	*1.83*	
		For 304 Stainless Steel, Add	*7.32*	
		For 316 Stainless Steel, Add	*8.39*	
05 59 69 00-0075	SF	1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	7.06	2.79
		For Galvanized, Add	*1.67*	
		For Aluminum, Add	*2.00*	
		For 304 Stainless Steel, Add	*8.02*	
		For 316 Stainless Steel, Add	*9.19*	
05 59 69 00-0076	SF	1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	8.00	3.32
		For Galvanized, Add	*1.79*	
		For Aluminum, Add	*2.14*	
		For 304 Stainless Steel, Add	*8.57*	
		For 316 Stainless Steel, Add	*9.82*	
05 59 69 00-0077	SF	1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	10.25	4.28
		For Galvanized, Add	*2.27*	
		For Aluminum, Add	*2.72*	
		For 304 Stainless Steel, Add	*10.90*	
		For 316 Stainless Steel, Add	*12.49*	
05 59 69 00-0078	SF	3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	5.64	2.52
		For Galvanized, Add	*1.14*	
		For Aluminum, Add	*1.37*	
		For 304 Stainless Steel, Add	*5.47*	
		For 316 Stainless Steel, Add	*6.27*	
05 59 69 00-0079	SF	3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	6.32	2.70
		For Galvanized, Add	*1.36*	
		For Aluminum, Add	*1.63*	
		For 304 Stainless Steel, Add	*6.50*	
		For 316 Stainless Steel, Add	*7.45*	
05 59 69 00-0080	SF	3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	7.22	3.03
		For Galvanized, Add	*1.59*	
		For Aluminum, Add	*1.90*	
		For 304 Stainless Steel, Add	*7.61*	
		For 316 Stainless Steel, Add	*8.72*	
05 59 69 00-0081	SF	3/4" #9-F Plain Expanded Metal Panel, 1.71 LB/SF	11.38	5.01
		For Galvanized, Add	*2.35*	
		For Aluminum, Add	*2.81*	
		For 304 Stainless Steel, Add	*11.26*	
		For 316 Stainless Steel, Add	*12.90*	
05 59 69 00-0082	SF	1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	6.32	3.07
		For Galvanized, Add	*1.11*	
		For Aluminum, Add	*1.33*	
		For 304 Stainless Steel, Add	*5.30*	
		For 316 Stainless Steel, Add	*6.08*	
05 59 69 00-0083	SF	1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	5.45	2.43
		For Galvanized, Add	*1.11*	
		For Aluminum, Add	*1.33*	
		For 304 Stainless Steel, Add	*5.33*	
		For 316 Stainless Steel, Add	*6.11*	
05 59 69 00-0084	SF	1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF	6.29	2.85
		For Galvanized, Add	*1.25*	
		For Aluminum, Add	*1.50*	
		For 304 Stainless Steel, Add	*6.00*	
		For 316 Stainless Steel, Add	*6.88*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 59 69 00-0085	SF	1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF	9.74	3.85
			For Galvanized, Add	*2.31*	
			For Aluminum, Add	*2.77*	
			For 304 Stainless Steel, Add	*11.06*	
			For 316 Stainless Steel, Add	*12.68*	

05 70 Decorative Metal *(05)*

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs *(05 70)*

05 71 13 Fabricated Metal Spiral Stairs *(05 71)*

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units *(05 71 13)*

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread *(05 71 13 00-0001)*

	05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails	287.22	44.02
			For Galvanized, Add	*139.43*	
	05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	326.14	48.43
			For Galvanized, Add	*160.50*	
	05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails	360.42	52.83
			For Galvanized, Add	*178.34*	
	05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	386.60	57.23
			For Galvanized, Add	*190.50*	

05 73 Decorative Metal Railings *(05 70)*

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings *(05 73)*

05 73 23 00-0001 Railings; Vertical Square Bars At 6" *(05 73 23)*

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

	05 73 23 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	66.77	9.69
			For Rake Or Angle Railings, Add	*8.86*	
			For Curved Railings, Add	*18.90*	
			For 4" On Center Standards, Add	*2.08*	
			For 4-1/2" On Center Standards, Add	*1.67*	
			For 5" On Center Standards, Add	*1.11*	
			For 5-1/2" On Center Standards, Add	*0.56*	
			For Each Field Bending Of Rails, Add	*12.26*	
			For Galvanized, Add	*3.89*	
	05 73 23 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	110.01	13.21
			For Rake Or Angle Railings, Add	*13.38*	
			For Curved Railings, Add	*34.53*	
			For 4" On Center Standards, Add	*4.23*	
			For 4-1/2" On Center Standards, Add	*3.38*	
			For 5" On Center Standards, Add	*2.25*	
			For 5-1/2" On Center Standards, Add	*1.13*	
			For Each Field Bending Of Rails, Add	*15.92*	
	05 73 23 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	160.57	22.02
			For Rake Or Angle Railings, Add	*19.43*	
			For Curved Railings, Add	*50.67*	
			For 4" On Center Standards, Add	*6.23*	
			For 4-1/2" On Center Standards, Add	*4.99*	
			For 5" On Center Standards, Add	*3.32*	
			For 5-1/2" On Center Standards, Add	*1.66*	
			For Each Field Bending Of Rails, Add	*21.87*	
	05 73 23 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	212.05	17.61
			For Rake Or Angle Railings, Add	*22.15*	
			For Curved Railings, Add	*76.78*	
			For 4" On Center Standards, Add	*10.54*	
			For 4-1/2" On Center Standards, Add	*8.43*	
			For 5" On Center Standards, Add	*5.62*	
			For 5-1/2" On Center Standards, Add	*2.81*	
			For Each Field Bending Of Rails, Add	*20.38*	
	05 73 23 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	147.91	26.85
			For Rake Or Angle Railings, Add	*15.89*	
			For Curved Railings, Add	*52.33*	
			For 4" On Center Standards, Add	*7.07*	
			For 4-1/2" On Center Standards, Add	*5.65*	
			For 5" On Center Standards, Add	*3.77*	
			For 5-1/2" On Center Standards, Add	*1.88*	
			For Each Field Bending Of Rails, Add	*15.93*	

05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports *(05 73 23)*

	05 73 23 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	103.09	4.40
			For Rake Or Angle Railings, Add	*8.59*	
			For Curved Railings, Add	*43.44*	
			For 4" On Center Standards, Add	*6.56*	
			For 4-1/2" On Center Standards, Add	*5.25*	
			For 5" On Center Standards, Add	*3.50*	
			For 5-1/2" On Center Standards, Add	*1.75*	
			For Each Field Bending Of Rails, Add	*6.42*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 73 23 00-0009		**Plain Handrails** *(05 73 23)*		
05 73 23 00-0010	LF	2" Brass Handrail	40.40	9.27
05 73 23 00-0011	EA	90 Degree Angle For 2" Brass Handrail	93.18	34.78
05 73 23 00-0012	EA	End Cap For 2" Brass Handrail	42.83	17.44
05 73 23 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	70.75	34.78
05 73 23 00-0014	LF	2" Stainless Steel Handrail	51.97	11.58
05 73 23 00-0015		**Restoration Of Existing Metal Handrail And Railing** *(05 73 23)*		
		Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0367 for painting.		
05 73 23 00-0016	LF	Refinish Metal Handrail	8.86	
05 73 23 00-0017	LF	Refinish Wrought Iron Balustrade	8.81	
05 73 23 00-0018		**Remove/Reinstall Ornamental Railing** *(05 73 23)*		
05 73 23 00-0019	LF	Removal And Reinstallation Of Ornamental Handrail And Pickets	81.01	

05 75 Decorative Formed Metal *(05 70)*

05 75 00 00-0001 Metal Sheets, Installed On Walls *(05 75)*

Note: Includes field fabrication (bending) where noted. See CSI section 05 54 00 00-0000 for metal floor plates.

05 75 00 00-0002 Copper Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	19.07	1.90
		For >16 To 200, Deduct	*-1.10*	
		For >200 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-3.15*	
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	23.68	2.13
		For >16 To 200, Deduct	*-1.34*	
		For >200 To 500, Deduct	*-2.69*	
		For >500, Deduct	*-3.87*	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	25.90	2.29
		For >16 To 200, Deduct	*-1.47*	
		For >200 To 500, Deduct	*-2.93*	
		For >500, Deduct	*-4.23*	
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	27.93	2.41
		For >16 To 200, Deduct	*-1.58*	
		For >200 To 500, Deduct	*-3.15*	
		For >500, Deduct	*-4.55*	
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	31.72	2.51
		For >16 To 200, Deduct	*-1.78*	
		For >200 To 500, Deduct	*-3.55*	
		For >500, Deduct	*-5.14*	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	39.87	2.63
		For >16 To 200, Deduct	*-2.19*	
		For >200 To 500, Deduct	*-4.38*	
		For >500, Deduct	*-6.38*	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	46.53	2.75
		For >16 To 200, Deduct	*-2.53*	
		For >200 To 500, Deduct	*-5.07*	
		For >500, Deduct	*-7.39*	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	56.14	2.98
		For >16 To 200, Deduct	*-3.03*	
		For >200 To 500, Deduct	*-6.06*	
		For >500, Deduct	*-8.87*	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	68.71	3.20
		For >16 To 200, Deduct	*-3.68*	
		For >200 To 500, Deduct	*-7.35*	
		For >500, Deduct	*-10.79*	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	100.18	3.43
		For >16 To 200, Deduct	*-5.27*	
		For >200 To 500, Deduct	*-10.53*	
		For >500, Deduct	*-15.54*	

05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	10.77	1.96
		For >16 To 200, Deduct	*-0.69*	
		For >200 To 500, Deduct	*-1.37*	
		For >500, Deduct	*-1.91*	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	12.11	2.11
		For >16 To 200, Deduct	*-0.76*	
		For >200 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.13*	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	13.12	2.22
		For >16 To 200, Deduct	*-0.82*	
		For >200 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-2.30*	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	15.19	2.32
		For >16 To 200, Deduct	*-0.93*	
		For >200 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	17.19	2.42
		For >16 To 200, Deduct	*-1.04*	
		For >200 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.94*	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	19.70	2.54
		For >16 To 200, Deduct	*-1.18*	
		For >200 To 500, Deduct	*-2.35*	
		For >500, Deduct	*-3.34*	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	27.86	2.96
		For >16 To 200, Deduct	*-1.62*	
		For >200 To 500, Deduct	*-3.23*	
		For >500, Deduct	*-4.62*	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	37.09	3.14
		For >16 To 200, Deduct	*-2.09*	
		For >200 To 500, Deduct	*-4.18*	
		For >500, Deduct	*-6.04*	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	50.43	3.80
		For >16 To 200, Deduct	*-2.81*	
		For >200 To 500, Deduct	*-5.61*	
		For >500, Deduct	*-8.14*	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	82.73	4.07
		For >16 To 200, Deduct	*-4.44*	
		For >200 To 500, Deduct	*-8.89*	
		For >500, Deduct	*-13.02*	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	105.54	4.75
		For >16 To 200, Deduct	*-5.63*	
		For >200 To 500, Deduct	*-11.27*	
		For >500, Deduct	*-16.55*	

05 75 00 00-0025 Aluminum Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	7.58	1.90
		For >16 To 200, Deduct	*-0.52*	
		For >200 To 500, Deduct	*-1.04*	
		For >500, Deduct	*-1.42*	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	8.56	2.13
		For >16 To 200, Deduct	*-0.59*	
		For >200 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.60*	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	9.45	2.29
		For >16 To 200, Deduct	*-0.64*	
		For >200 To 500, Deduct	*-1.29*	
		For >500, Deduct	*-1.76*	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	10.29	2.41
		For >16 To 200, Deduct	*-0.70*	
		For >200 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.90*	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	11.14	2.51
		For >16 To 200, Deduct	*-0.75*	
		For >200 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-2.05*	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	12.06	2.63
		For >16 To 200, Deduct	*-0.80*	
		For >200 To 500, Deduct	*-1.60*	
		For >500, Deduct	*-2.20*	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	13.14	2.75
		For >16 To 200, Deduct	*-0.86*	
		For >200 To 500, Deduct	*-1.73*	
		For >500, Deduct	*-2.38*	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	15.55	3.20
		For >16 To 200, Deduct	*-1.02*	
		For >200 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.81*	

05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	7.63	1.90
		For >16 To 200, Deduct	*-0.52*	
		For >200 To 500, Deduct	*-1.05*	
		For >500, Deduct	*-1.43*	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	8.48	2.13
		For >16 To 200, Deduct	*-0.58*	
		For >200 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.59*	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.03	2.29
		For >16 To 200, Deduct	*-0.62*	
		For >200 To 500, Deduct	*-1.25*	
		For >500, Deduct	*-1.70*	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.57	2.41
		For >16 To 200, Deduct	*-0.66*	
		For >200 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.80*	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.25	2.51
		For >16 To 200, Deduct	*-0.70*	
		For >200 To 500, Deduct	*-1.40*	
		For >500, Deduct	*-1.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.99	2.63
		For >16 To 200, Deduct	*-0.75*	
		For >200 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-2.04*	
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.13	2.75
		For >16 To 200, Deduct	*-0.81*	
		For >200 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-2.23*	
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.80	2.98
		For >16 To 200, Deduct	*-0.91*	
		For >200 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.52*	
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	15.90	3.43
		For >16 To 200, Deduct	*-1.05*	
		For >200 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-2.90*	

05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	9.40	1.80
		For >16 To 200, Deduct	*-0.65*	
		For >200 To 500, Deduct	*-1.30*	
		For >500, Deduct	*-1.77*	
05 75 00 00-0046	SF	0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	10.80	2.05
		For >16 To 200, Deduct	*-0.74*	
		For >200 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-2.03*	
05 75 00 00-0047	SF	0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	12.17	2.27
		For >16 To 200, Deduct	*-0.84*	
		For >200 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.28*	
05 75 00 00-0048	SF	0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	13.36	2.45
		For >16 To 200, Deduct	*-0.91*	
		For >200 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.50*	

END OF SECTION 05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites *(06)*

06 01 20 Maintenance of Finish Carpentry *(06 01)*

06 01 20 91 Finish Carpentry Restoration ***(06 01 20)***

06 01 20 91-0001 Wood Trim Repair *(06 01 20 91)*

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork	7.32	
		Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.		

06 05 Common Work Results For Wood, Plastics, And Composites *(06)*

06 05 23 Wood, Plastic, And Composite Fastenings *(06 05)*

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts *(06 05 23)*

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt	11.11	
		For >10 To 50, Deduct	*-0.35*	
		For >50 To 100, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.75*	
		For >500, Deduct	*-3.90*	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	14.68	
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-3.16*	
		For >500, Deduct	*-4.47*	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	16.12	
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.97*	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-3.27*	
		For >500, Deduct	*-4.61*	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt	31.61	
		For >10 To 50, Deduct	*-0.51*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.19*	
		For >500, Deduct	*-7.27*	

06 05 23 00-0006 Framing Anchors *(06 05 23)*

06 05 23 00-0007	EA	10 Gauge Framing Anchor	5.96	2.93
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.82*	

06 05 23 00-0008 Hold Down Anchors *(06 05 23)*

06 05 23 00-0009	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Hold Downs, (Simpson Strong Tie® HD3B)	40.13	
		For >10 To 50, Deduct	*-1.51*	
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-6.54*	
		For >250 To 500, Deduct	*-11.32*	
		For >500, Deduct	*-16.11*	
06 05 23 00-0010	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs, (Simpson Strong Tie® HD5B)	54.82	
		For >10 To 50, Deduct	*-1.51*	
		For >50 To 100, Deduct	*-3.64*	
		For >100 To 250, Deduct	*-7.28*	
		For >250 To 500, Deduct	*-12.42*	
		For >500, Deduct	*-17.57*	
06 05 23 00-0011	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs, (Simpson Strong Tie® HD7B)	62.06	
		For >10 To 50, Deduct	*-1.66*	
		For >50 To 100, Deduct	*-4.04*	
		For >100 To 250, Deduct	*-8.08*	
		For >250 To 500, Deduct	*-13.77*	
		For >500, Deduct	*-19.47*	
06 05 23 00-0012	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Hold Downs, (Simpson Strong Tie® HD9B)	75.50	
		For >10 To 50, Deduct	*-1.85*	
		For >50 To 100, Deduct	*-4.67*	
		For >100 To 250, Deduct	*-9.33*	
		For >250 To 500, Deduct	*-15.85*	
		For >500, Deduct	*-22.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0013	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs, (Simpson Strong Tie® HD12)	146.78	
		For >10 To 50, Deduct	*-2.34*	
		For >50 To 100, Deduct	*-7.18*	
		For >100 To 250, Deduct	*-14.36*	
		For >250 To 500, Deduct	*-23.88*	
		For >500, Deduct	*-33.40*	
06 05 23 00-0014	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs, (Simpson Strong Tie® HD19)	168.36	
		For >10 To 50, Deduct	*-2.44*	
		For >50 To 100, Deduct	*-7.87*	
		For >100 To 250, Deduct	*-15.73*	
		For >250 To 500, Deduct	*-26.03*	
		For >500, Deduct	*-36.34*	

06 05 23 00-0015 Joist And Beam Hangers *(06 05 23)*

06 05 23 00-0016	EA	18 Gauge Joist Hanger, For 2" x 4" Joist, Also Acceptable For Beam Hangers	5.97	2.73
		For >10 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.83*	
06 05 23 00-0017	EA	18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers	6.65	2.73
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-3.03*	
06 05 23 00-0018	EA	16 Gauge Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers	7.88	2.73
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-3.22*	
06 05 23 00-0019	EA	16 Gauge Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers	7.99	2.73
		For >10 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-3.24*	
06 05 23 00-0020	EA	14 Gauge Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers	8.12	2.82
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.34*	
		For >500, Deduct	*-3.33*	
06 05 23 00-0021	EA	14 Gauge Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers	8.43	2.82
		For >10 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.37*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-3.36*	

06 05 23 00-0022 Anchor And Ties *(06 05 23)*

06 05 23 00-0023	EA	Pre-Deflected Hold Down With SDS Screws (Simpson Strong Tie® PHD5-SDS)	36.26	
06 05 23 00-0024	EA	12-3/8" Heavy Tension Tie (Simpson Strong Tie® HTT4)	23.40	
06 05 23 00-0025	EA	16" Heavy Tension Tie (Simpson Strong Tie® HTT5)	33.93	
06 05 23 00-0026	EA	2" x 4" Or 2" x 6" Mudsill Anchor 16 Gauge Zinc Galvanized Finish (Simpson Strong Tie® MAS)	3.40	

06 05 23 00-0027 Hurricane Clips *(06 05 23)*

06 05 23 00-0028	EA	18 Gauge Zinc Galvanized Finish Hurricane Clips (Simpson Strong Tie® H2.5A)	2.58	
06 05 23 00-0029	EA	18 Gauge Stainless Steel Hurricane Clips (Simpson Strong Tie® H2.5SS)	5.96	
06 05 23 00-0030	EA	Hurricane Strap (Simpson Strong Tie® H6)	9.77	

06 05 23 00-0031 Post Framing *(06 05 23)*

06 05 23 00-0032	EA	16 Gauge Post Framing With 4" x 4" Base	10.42	3.41
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-4.04*	
06 05 23 00-0033	EA	16 Gauge Post Framing With 4" x 4" Cap	9.27	3.41
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-2.76*	
		For >500, Deduct	*-3.93*	

06 05 23 00-0034 Rafter Anchors *(06 05 23)*

06 05 23 00-0035	EA	1-1/2" Wide x 5-1/4" Long, 18 Gauge Rafter Anchor	6.93	3.03
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-3.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0036	EA	1-1/2" Wide x 10-3/4" Long, 18 Gauge Rafter Anchor	7.05	3.03
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.36*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-3.39*	
06 05 23 00-0037	EA	Galvanized Rigid Rafter Connector, For 2" x 6"	8.67	3.03
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.50*	
		For >500, Deduct	*-3.56*	

06 05 23 00-0038 Bolts And Fasteners *(06 05 23)*

06 05 23 00-0039 Carriage Bolts *(06 05 23 00-0038)*

Note: Includes drilling of holes in any material. Includes nut and washer.

06 05 23 00-0040 Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0039)*

06 05 23 00-0041	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	12.96	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.27*	
		For >100 To 250, Deduct	*-2.55*	
		For >250 To 500, Deduct	*-4.46*	
		For >500, Deduct	*-6.36*	
06 05 23 00-0042	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	13.09	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-4.47*	
		For >500, Deduct	*-6.38*	
06 05 23 00-0043	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	13.17	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-4.47*	
		For >500, Deduct	*-6.39*	
06 05 23 00-0044	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.36	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.48*	
		For >100 To 250, Deduct	*-2.96*	
		For >250 To 500, Deduct	*-5.18*	
		For >500, Deduct	*-7.39*	
06 05 23 00-0045	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	14.29	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.38*	
		For >100 To 250, Deduct	*-2.76*	
		For >250 To 500, Deduct	*-4.83*	
		For >500, Deduct	*-6.89*	
06 05 23 00-0046	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.48	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.48*	
		For >100 To 250, Deduct	*-2.97*	
		For >250 To 500, Deduct	*-5.18*	
		For >500, Deduct	*-7.40*	
06 05 23 00-0047	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.68	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.98*	
		For >250 To 500, Deduct	*-5.20*	
		For >500, Deduct	*-7.42*	
06 05 23 00-0048	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.75	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-1.79*	
		For >100 To 250, Deduct	*-3.57*	
		For >250 To 500, Deduct	*-6.23*	
		For >500, Deduct	*-8.90*	
06 05 23 00-0049	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.35	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-1.90*	
		For >100 To 250, Deduct	*-3.80*	
		For >250 To 500, Deduct	*-6.62*	
		For >500, Deduct	*-9.45*	
06 05 23 00-0050	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.90	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.11*	
		For >100 To 250, Deduct	*-4.22*	
		For >250 To 500, Deduct	*-7.35*	
		For >500, Deduct	*-10.48*	
06 05 23 00-0051	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.91	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-5.22*	
		For >500, Deduct	*-7.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0052	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.42	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 250, Deduct	*-3.21*	
		For >250 To 500, Deduct	*-5.60*	
		For >500, Deduct	*-7.98*	
06 05 23 00-0053	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.56	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 500, Deduct	*-5.95*	
		For >500, Deduct	*-8.48*	
06 05 23 00-0054	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.81	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.82*	
		For >250 To 500, Deduct	*-6.66*	
		For >500, Deduct	*-9.49*	
06 05 23 00-0055	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.45	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-7.73*	
		For >500, Deduct	*-11.03*	
06 05 23 00-0056	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.37	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 250, Deduct	*-4.88*	
		For >250 To 500, Deduct	*-8.49*	
		For >500, Deduct	*-12.10*	
06 05 23 00-0057	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.64	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 250, Deduct	*-3.71*	
		For >250 To 500, Deduct	*-6.45*	
		For >500, Deduct	*-9.18*	
06 05 23 00-0058	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	23.45	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.95*	
		For >250 To 500, Deduct	*-6.85*	
		For >500, Deduct	*-9.76*	
06 05 23 00-0059	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	28.06	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.31*	
		For >100 To 250, Deduct	*-4.62*	
		For >250 To 500, Deduct	*-8.00*	
		For >500, Deduct	*-11.39*	
06 05 23 00-0060	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	31.48	
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 250, Deduct	*-4.94*	
		For >250 To 500, Deduct	*-8.53*	
		For >500, Deduct	*-12.12*	
06 05 23 00-0061	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	34.18	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.68*	
		For >100 To 250, Deduct	*-5.36*	
		For >250 To 500, Deduct	*-9.27*	
		For >500, Deduct	*-13.17*	
06 05 23 00-0062	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	34.87	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.77*	
		For >100 To 250, Deduct	*-5.55*	
		For >250 To 500, Deduct	*-9.59*	
		For >500, Deduct	*-13.63*	

06 05 23 00-0063 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0039)*

06 05 23 00-0064	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.19	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.56*	
		For >250 To 500, Deduct	*-4.47*	
		For >500, Deduct	*-6.39*	
06 05 23 00-0065	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.43	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.29*	
		For >100 To 250, Deduct	*-2.57*	
		For >250 To 500, Deduct	*-4.49*	
		For >500, Deduct	*-6.41*	
06 05 23 00-0066	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.70	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.29*	
		For >100 To 250, Deduct	*-2.59*	
		For >250 To 500, Deduct	*-4.51*	
		For >500, Deduct	*-6.44*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0067	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.26	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-5.24*	
		For >500, Deduct	*-7.48*	
06 05 23 00-0068	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.61	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 250, Deduct	*-2.78*	
		For >250 To 500, Deduct	*-4.85*	
		For >500, Deduct	*-6.92*	
06 05 23 00-0069	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.98	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-5.22*	
		For >500, Deduct	*-7.45*	
06 05 23 00-0070	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.27	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-5.24*	
		For >500, Deduct	*-7.48*	
06 05 23 00-0071	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.65	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-1.81*	
		For >100 To 250, Deduct	*-3.62*	
		For >250 To 500, Deduct	*-6.30*	
		For >500, Deduct	*-8.99*	
06 05 23 00-0072	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.35	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 250, Deduct	*-3.85*	
		For >250 To 500, Deduct	*-6.70*	
		For >500, Deduct	*-9.55*	
06 05 23 00-0073	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.84	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 250, Deduct	*-4.26*	
		For >250 To 500, Deduct	*-7.42*	
		For >500, Deduct	*-10.57*	
06 05 23 00-0074	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.66	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.03*	
		For >250 To 500, Deduct	*-5.27*	
		For >500, Deduct	*-7.52*	
06 05 23 00-0075	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.01	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.62*	
		For >100 To 250, Deduct	*-3.24*	
		For >250 To 500, Deduct	*-5.64*	
		For >500, Deduct	*-8.04*	
06 05 23 00-0076	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.26	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-3.45*	
		For >250 To 500, Deduct	*-6.00*	
		For >500, Deduct	*-8.55*	
06 05 23 00-0077	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.83	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-1.94*	
		For >100 To 250, Deduct	*-3.87*	
		For >250 To 500, Deduct	*-6.73*	
		For >500, Deduct	*-9.60*	
06 05 23 00-0078	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.44	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-4.49*	
		For >250 To 500, Deduct	*-7.81*	
		For >500, Deduct	*-11.12*	
06 05 23 00-0079	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	28.13	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.92*	
		For >250 To 500, Deduct	*-8.54*	
		For >500, Deduct	*-12.17*	
06 05 23 00-0080	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.90	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.83*	
		For >250 To 500, Deduct	*-6.62*	
		For >500, Deduct	*-9.41*	
06 05 23 00-0081	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.02	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 250, Deduct	*-4.03*	
		For >250 To 500, Deduct	*-6.97*	
		For >500, Deduct	*-9.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0082	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	29.18	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.34*	
		For >100 To 250, Deduct	*-4.68*	
		For >250 To 500, Deduct	*-8.09*	
		For >500, Deduct	*-11.50*	
06 05 23 00-0083	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	31.39	
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 250, Deduct	*-4.93*	
		For >250 To 500, Deduct	*-8.52*	
		For >500, Deduct	*-12.11*	
06 05 23 00-0084	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	35.63	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-2.72*	
		For >100 To 250, Deduct	*-5.44*	
		For >250 To 500, Deduct	*-9.37*	
		For >500, Deduct	*-13.31*	
06 05 23 00-0085	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	37.91	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 250, Deduct	*-5.70*	
		For >250 To 500, Deduct	*-9.81*	
		For >500, Deduct	*-13.93*	

06 05 23 00-0086 304/18-8 Stainless Steel, Carriage Bolts *(06 05 23 00-0039)*

06 05 23 00-0087	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	13.68	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.29*	
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 500, Deduct	*-4.51*	
		For >500, Deduct	*-6.44*	
06 05 23 00-0088	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	14.77	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 250, Deduct	*-2.64*	
		For >250 To 500, Deduct	*-4.59*	
		For >500, Deduct	*-6.55*	
06 05 23 00-0089	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	15.49	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 250, Deduct	*-2.68*	
		For >250 To 500, Deduct	*-4.65*	
		For >500, Deduct	*-6.62*	
06 05 23 00-0090	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	25.21	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 250, Deduct	*-3.46*	
		For >250 To 500, Deduct	*-5.91*	
		For >500, Deduct	*-8.37*	
06 05 23 00-0091	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	15.67	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.83*	
		For >250 To 500, Deduct	*-4.93*	
		For >500, Deduct	*-7.03*	
06 05 23 00-0092	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	18.25	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.55*	
		For >100 To 250, Deduct	*-3.11*	
		For >250 To 500, Deduct	*-5.39*	
		For >500, Deduct	*-7.68*	
06 05 23 00-0093	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	18.60	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.42*	
		For >500, Deduct	*-7.71*	
06 05 23 00-0094	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	32.99	
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 250, Deduct	*-4.28*	
		For >250 To 500, Deduct	*-7.30*	
		For >500, Deduct	*-10.32*	
06 05 23 00-0095	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	39.70	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 250, Deduct	*-4.76*	
		For >250 To 500, Deduct	*-8.07*	
		For >500, Deduct	*-11.38*	
06 05 23 00-0096	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	44.43	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.65*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-8.96*	
		For >500, Deduct	*-12.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0097	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.53	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-5.49*	
		For >500, Deduct	*-7.81*	
06 05 23 00-0098	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	22.04	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-1.72*	
		For >100 To 250, Deduct	*-3.44*	
		For >250 To 500, Deduct	*-5.94*	
		For >500, Deduct	*-8.44*	
06 05 23 00-0099	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	26.35	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.90*	
		For >100 To 250, Deduct	*-3.80*	
		For >250 To 500, Deduct	*-6.53*	
		For >500, Deduct	*-9.26*	
06 05 23 00-0100	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	40.71	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.41*	
		For >100 To 250, Deduct	*-4.82*	
		For >250 To 500, Deduct	*-8.15*	
		For >500, Deduct	*-11.48*	
06 05 23 00-0101	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	46.06	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.76*	
		For >100 To 250, Deduct	*-5.52*	
		For >250 To 500, Deduct	*-9.35*	
		For >500, Deduct	*-13.19*	
06 05 23 00-0102	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	70.76	
		For >10 To 50, Deduct	*-1.17*	
		For >50 To 100, Deduct	*-3.52*	
		For >100 To 250, Deduct	*-7.05*	
		For >250 To 500, Deduct	*-11.74*	
		For >500, Deduct	*-16.44*	
06 05 23 00-0103	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	55.01	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.77*	
		For >100 To 250, Deduct	*-5.53*	
		For >250 To 500, Deduct	*-9.22*	
		For >500, Deduct	*-12.91*	
06 05 23 00-0104	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	77.16	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-7.08*	
		For >250 To 500, Deduct	*-11.69*	
		For >500, Deduct	*-16.30*	
06 05 23 00-0105	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	85.30	
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-3.81*	
		For >100 To 250, Deduct	*-7.63*	
		For >250 To 500, Deduct	*-12.57*	
		For >500, Deduct	*-17.50*	
06 05 23 00-0106	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	124.57	
		For >10 To 50, Deduct	*-1.22*	
		For >50 To 100, Deduct	*-4.94*	
		For >100 To 250, Deduct	*-9.88*	
		For >250 To 500, Deduct	*-16.04*	
		For >500, Deduct	*-22.21*	
06 05 23 00-0107	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	130.99	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-5.18*	
		For >100 To 250, Deduct	*-10.35*	
		For >250 To 500, Deduct	*-16.80*	
		For >500, Deduct	*-23.24*	

06 05 23 00-0108 316 Stainless Steel, Carriage Bolts *(06 05 23 00-0039)*

06 05 23 00-0109	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	18.76	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.42*	
		For >100 To 250, Deduct	*-2.84*	
		For >250 To 500, Deduct	*-4.89*	
		For >500, Deduct	*-6.94*	
06 05 23 00-0110	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	20.69	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 250, Deduct	*-2.94*	
		For >250 To 500, Deduct	*-5.04*	
		For >500, Deduct	*-7.14*	
06 05 23 00-0111	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	22.33	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-1.58*	
		For >100 To 250, Deduct	*-3.16*	
		For >250 To 500, Deduct	*-5.43*	
		For >500, Deduct	*-7.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0112	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	25.99	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 250, Deduct	*-3.49*	
		For >250 To 500, Deduct	*-5.97*	
		For >500, Deduct	*-8.45*	
06 05 23 00-0113	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	34.58	
		For >10 To 50, Deduct	*-0.73*	
		For >50 To 100, Deduct	*-1.96*	
		For >100 To 250, Deduct	*-3.92*	
		For >250 To 500, Deduct	*-6.62*	
		For >500, Deduct	*-9.31*	
06 05 23 00-0114	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	37.63	
		For >10 To 50, Deduct	*-0.78*	
		For >50 To 100, Deduct	*-2.11*	
		For >100 To 250, Deduct	*-4.22*	
		For >250 To 500, Deduct	*-7.11*	
		For >500, Deduct	*-10.00*	
06 05 23 00-0115	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt	40.52	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-4.51*	
		For >250 To 500, Deduct	*-7.60*	
		For >500, Deduct	*-10.68*	

06 05 23 00-0116 Hex Lag Bolts *(06 05 23 00-0038)*

Note: Includes drilling of holes in any material.

06 05 23 00-0117 Zinc Plated Steel, Hex Lag Bolts *(06 05 23 00-0116)*

06 05 23 00-0118	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	12.36	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 250, Deduct	*-2.45*	
		For >250 To 500, Deduct	*-4.28*	
		For >500, Deduct	*-6.11*	
06 05 23 00-0119	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	12.47	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 250, Deduct	*-2.45*	
		For >250 To 500, Deduct	*-4.28*	
		For >500, Deduct	*-6.12*	
06 05 23 00-0120	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	12.70	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 250, Deduct	*-2.46*	
		For >250 To 500, Deduct	*-4.30*	
		For >500, Deduct	*-6.14*	
06 05 23 00-0121	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	13.62	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 250, Deduct	*-2.67*	
		For >250 To 500, Deduct	*-4.67*	
		For >500, Deduct	*-6.67*	
06 05 23 00-0122	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	14.79	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.87*	
		For >250 To 500, Deduct	*-5.02*	
		For >500, Deduct	*-7.17*	
06 05 23 00-0123	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	15.04	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.89*	
		For >250 To 500, Deduct	*-5.04*	
		For >500, Deduct	*-7.20*	
06 05 23 00-0124	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	18.40	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.74*	
		For >100 To 250, Deduct	*-3.48*	
		For >250 To 500, Deduct	*-6.08*	
		For >500, Deduct	*-8.67*	
06 05 23 00-0125	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	19.48	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-6.42*	
		For >500, Deduct	*-9.16*	
06 05 23 00-0126	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	15.05	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-5.07*	
		For >500, Deduct	*-7.24*	
06 05 23 00-0127	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	16.37	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.11*	
		For >250 To 500, Deduct	*-5.43*	
		For >500, Deduct	*-7.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0128	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	17.78	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.66*	
		For >100 To 250, Deduct	*-3.33*	
		For >250 To 500, Deduct	*-5.80*	
		For >500, Deduct	*-8.27*	
06 05 23 00-0129	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	20.24	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-1.87*	
		For >100 To 250, Deduct	*-3.74*	
		For >250 To 500, Deduct	*-6.51*	
		For >500, Deduct	*-9.29*	
06 05 23 00-0130	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	23.82	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.17*	
		For >100 To 250, Deduct	*-4.35*	
		For >250 To 500, Deduct	*-7.57*	
		For >500, Deduct	*-10.79*	
06 05 23 00-0131	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	26.00	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 250, Deduct	*-4.74*	
		For >250 To 500, Deduct	*-8.26*	
		For >500, Deduct	*-11.78*	
06 05 23 00-0132	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	21.75	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.81*	
		For >250 To 500, Deduct	*-6.63*	
		For >500, Deduct	*-9.44*	
06 05 23 00-0133	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	25.92	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 250, Deduct	*-4.45*	
		For >250 To 500, Deduct	*-7.73*	
		For >500, Deduct	*-11.00*	
06 05 23 00-0134	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	28.59	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.36*	
		For >100 To 250, Deduct	*-4.73*	
		For >250 To 500, Deduct	*-8.19*	
		For >500, Deduct	*-11.65*	
06 05 23 00-0135	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	32.08	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 250, Deduct	*-5.19*	
		For >250 To 500, Deduct	*-8.98*	
		For >500, Deduct	*-12.76*	
06 05 23 00-0136	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	35.81	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.76*	
		For >100 To 250, Deduct	*-5.52*	
		For >250 To 500, Deduct	*-9.52*	
		For >500, Deduct	*-13.52*	

06 05 23 00-0137 Hot Dipped Galvanized Steel, Hex Lag Bolts *(06 05 23 00-0116)*

06 05 23 00-0138	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.41	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 250, Deduct	*-2.45*	
		For >250 To 500, Deduct	*-4.28*	
		For >500, Deduct	*-6.11*	
06 05 23 00-0139	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.58	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 250, Deduct	*-2.46*	
		For >250 To 500, Deduct	*-4.29*	
		For >500, Deduct	*-6.13*	
06 05 23 00-0140	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	12.76	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 250, Deduct	*-2.47*	
		For >250 To 500, Deduct	*-4.31*	
		For >500, Deduct	*-6.15*	
06 05 23 00-0141	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	13.72	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 250, Deduct	*-2.68*	
		For >250 To 500, Deduct	*-4.68*	
		For >500, Deduct	*-6.68*	
06 05 23 00-0142	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	14.94	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 250, Deduct	*-2.88*	
		For >250 To 500, Deduct	*-5.03*	
		For >500, Deduct	*-7.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0143	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.22	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 250, Deduct	*-2.90*	
		For >250 To 500, Deduct	*-5.05*	
		For >500, Deduct	*-7.21*	
06 05 23 00-0144	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.73	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 250, Deduct	*-3.50*	
		For >250 To 500, Deduct	*-6.10*	
		For >500, Deduct	*-8.71*	
06 05 23 00-0145	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	20.05	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 250, Deduct	*-3.71*	
		For >250 To 500, Deduct	*-6.46*	
		For >500, Deduct	*-9.21*	
06 05 23 00-0146	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.30	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 250, Deduct	*-2.91*	
		For >250 To 500, Deduct	*-5.09*	
		For >500, Deduct	*-7.26*	
06 05 23 00-0147	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	16.51	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.44*	
		For >500, Deduct	*-7.77*	
06 05 23 00-0148	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.03	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.67*	
		For >100 To 250, Deduct	*-3.34*	
		For >250 To 500, Deduct	*-5.82*	
		For >500, Deduct	*-8.30*	
06 05 23 00-0149	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	21.00	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-1.89*	
		For >100 To 250, Deduct	*-3.77*	
		For >250 To 500, Deduct	*-6.57*	
		For >500, Deduct	*-9.36*	
06 05 23 00-0150	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	24.20	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.18*	
		For >100 To 250, Deduct	*-4.36*	
		For >250 To 500, Deduct	*-7.60*	
		For >500, Deduct	*-10.83*	
06 05 23 00-0151	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	26.91	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.39*	
		For >100 To 250, Deduct	*-4.79*	
		For >250 To 500, Deduct	*-8.33*	
		For >500, Deduct	*-11.87*	
06 05 23 00-0152	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	22.31	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 250, Deduct	*-3.84*	
		For >250 To 500, Deduct	*-6.67*	
		For >500, Deduct	*-9.50*	
06 05 23 00-0153	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	26.43	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-4.48*	
		For >250 To 500, Deduct	*-7.77*	
		For >500, Deduct	*-11.06*	
06 05 23 00-0154	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	29.45	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 250, Deduct	*-4.77*	
		For >250 To 500, Deduct	*-8.25*	
		For >500, Deduct	*-11.74*	
06 05 23 00-0155	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	34.10	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-2.64*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-9.13*	
		For >500, Deduct	*-12.97*	
06 05 23 00-0156	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	37.98	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-5.63*	
		For >250 To 500, Deduct	*-9.68*	
		For >500, Deduct	*-13.74*	

06 05 23 00-0157 304/18-8 Stainless Steel, Hex Lag Bolts *(06 05 23 00-0116)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0158	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	12.87	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.47*	
		For >250 To 500, Deduct	*-4.31*	
		For >500, Deduct	*-6.16*	
06 05 23 00-0159	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	13.39	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.25*	
		For >100 To 250, Deduct	*-2.50*	
		For >250 To 500, Deduct	*-4.35*	
		For >500, Deduct	*-6.21*	
06 05 23 00-0160	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	14.79	
		For >10 To 50, Deduct	*-0.61*	
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.57*	
		For >250 To 500, Deduct	*-4.46*	
		For >500, Deduct	*-6.35*	
06 05 23 00-0161	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	15.05	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.37*	
		For >100 To 250, Deduct	*-2.74*	
		For >250 To 500, Deduct	*-4.78*	
		For >500, Deduct	*-6.82*	
06 05 23 00-0162	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	16.78	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.97*	
		For >250 To 500, Deduct	*-5.17*	
		For >500, Deduct	*-7.37*	
06 05 23 00-0163	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	17.67	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.02*	
		For >250 To 500, Deduct	*-5.24*	
		For >500, Deduct	*-7.46*	
06 05 23 00-0164	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	33.00	
		For >10 To 50, Deduct	*-0.85*	
		For >50 To 100, Deduct	*-2.11*	
		For >100 To 250, Deduct	*-4.21*	
		For >250 To 500, Deduct	*-7.17*	
		For >500, Deduct	*-10.13*	
06 05 23 00-0165	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	44.86	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 250, Deduct	*-4.95*	
		For >250 To 500, Deduct	*-8.32*	
		For >500, Deduct	*-11.69*	
06 05 23 00-0166	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	17.80	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.04*	
		For >250 To 500, Deduct	*-5.28*	
		For >500, Deduct	*-7.51*	
06 05 23 00-0167	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	20.63	
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.66*	
		For >100 To 250, Deduct	*-3.33*	
		For >250 To 500, Deduct	*-5.75*	
		For >500, Deduct	*-8.18*	
06 05 23 00-0168	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	24.81	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-6.33*	
		For >500, Deduct	*-8.98*	
06 05 23 00-0169	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	47.53	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-2.55*	
		For >100 To 250, Deduct	*-5.10*	
		For >250 To 500, Deduct	*-8.56*	
		For >500, Deduct	*-12.02*	
06 05 23 00-0170	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	63.76	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.17*	
		For >100 To 250, Deduct	*-6.34*	
		For >250 To 500, Deduct	*-10.57*	
		For >500, Deduct	*-14.79*	
06 05 23 00-0171	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	74.08	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-3.57*	
		For >100 To 250, Deduct	*-7.15*	
		For >250 To 500, Deduct	*-11.86*	
		For >500, Deduct	*-16.58*	
06 05 23 00-0172	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	67.93	
		For >10 To 50, Deduct	*-0.91*	
		For >50 To 100, Deduct	*-3.06*	
		For >100 To 250, Deduct	*-6.12*	
		For >250 To 500, Deduct	*-10.09*	
		For >500, Deduct	*-14.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0173	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	77.72	
		For >10 To 50, Deduct	*-1.05*	
		For >50 To 100, Deduct	*-3.52*	
		For >100 To 250, Deduct	*-7.04*	
		For >250 To 500, Deduct	*-11.61*	
		For >500, Deduct	*-16.18*	
06 05 23 00-0174	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	80.90	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-3.67*	
		For >100 To 250, Deduct	*-7.34*	
		For >250 To 500, Deduct	*-12.11*	
		For >500, Deduct	*-16.88*	
06 05 23 00-0175	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	110.44	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-4.55*	
		For >100 To 250, Deduct	*-9.11*	
		For >250 To 500, Deduct	*-14.85*	
		For >500, Deduct	*-20.60*	
06 05 23 00-0176	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	120.20	
		For >10 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-4.87*	
		For >100 To 250, Deduct	*-9.74*	
		For >250 To 500, Deduct	*-15.85*	
		For >500, Deduct	*-21.96*	

06 05 23 00-0177 Timber Bolts *(06 05 23 00-0038)*

Note: Includes drilling of holes in any material.

06 05 23 00-0178	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)	27.24	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 250, Deduct	*-4.39*	
		For >250 To 500, Deduct	*-7.59*	
		For >500, Deduct	*-10.80*	
06 05 23 00-0179	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915)	30.72	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.92*	
		For >250 To 500, Deduct	*-8.52*	
		For >500, Deduct	*-12.11*	
06 05 23 00-0180	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916)	33.06	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.63*	
		For >100 To 250, Deduct	*-5.26*	
		For >250 To 500, Deduct	*-9.10*	
		For >500, Deduct	*-12.93*	
06 05 23 00-0181	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917)	36.40	
		For >10 To 50, Deduct	*-1.27*	
		For >50 To 100, Deduct	*-2.82*	
		For >100 To 250, Deduct	*-5.64*	
		For >250 To 500, Deduct	*-9.73*	
		For >500, Deduct	*-13.82*	
06 05 23 00-0182	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)	38.64	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-2.98*	
		For >100 To 250, Deduct	*-5.95*	
		For >250 To 500, Deduct	*-10.27*	
		For >500, Deduct	*-14.59*	
06 05 23 00-0183	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)	40.18	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-3.10*	
		For >100 To 250, Deduct	*-6.21*	
		For >250 To 500, Deduct	*-10.71*	
		For >500, Deduct	*-15.21*	
06 05 23 00-0184	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)	35.69	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.70*	
		For >100 To 250, Deduct	*-5.39*	
		For >250 To 500, Deduct	*-9.29*	
		For >500, Deduct	*-13.19*	
06 05 23 00-0185	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)	37.29	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.81*	
		For >100 To 250, Deduct	*-5.62*	
		For >250 To 500, Deduct	*-9.68*	
		For >500, Deduct	*-13.75*	
06 05 23 00-0186	EA	3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	40.91	
		For >10 To 50, Deduct	*-1.33*	
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-6.02*	
		For >250 To 500, Deduct	*-10.36*	
		For >500, Deduct	*-14.70*	
06 05 23 00-0187	EA	3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	43.73	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 250, Deduct	*-6.37*	
		For >250 To 500, Deduct	*-10.95*	
		For >500, Deduct	*-15.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0188	EA	3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	46.74	
		For >10 To 50, Deduct	*-1.46*	
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 250, Deduct	*-6.73*	
		For >250 To 500, Deduct	*-11.55*	
		For >500, Deduct	*-16.38*	

06 05 23 00-0189 Supports *(06 05 23)*

06 05 23 00-0190 Shear Plates *(06 05 23 00-0189)*

06 05 23 00-0191	EA	2-5/8" Diameter, Shear Plate	9.44	3.61
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-4.19*	
06 05 23 00-0192	EA	4" Diameter, Shear Plate	11.53	3.80
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-3.19*	
		For >500, Deduct	*-4.54*	

06 05 23 00-0193 Sill Anchors *(06 05 23 00-0189)*

06 05 23 00-0194	EA	Sill Anchor Embedded In Concrete	8.83	3.80
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.99*	
		For >500, Deduct	*-4.27*	

06 05 23 00-0195 Spike Grids *(06 05 23 00-0189)*

06 05 23 00-0196	EA	4" x 4" Flat Or Curved Spike Grid	8.59	3.61
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.88*	
		For >500, Deduct	*-4.11*	

06 05 23 00-0197 Split Rings *(06 05 23 00-0189)*

06 05 23 00-0198	EA	2-1/2" Diameter Split Ring	8.88	3.61
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.83*	
		For >100 To 250, Deduct	*-1.66*	
		For >250 To 500, Deduct	*-2.90*	
		For >500, Deduct	*-4.14*	
06 05 23 00-0199	EA	4" Diameter Split Ring	10.15	4.00
		For >10 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-3.20*	
		For >500, Deduct	*-4.56*	

06 05 23 00-0200 Toothed Rings *(06 05 23 00-0189)*

06 05 23 00-0201	EA	2-5/8" Or 4" Toothed Ring	10.00	3.61
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.98*	
		For >500, Deduct	*-4.25*	

06 05 23 00-0202 Straps And Shields *(06 05 23)*

06 05 23 00-0203 Shield Plate *(06 05 23 00-0202)*

06 05 23 00-0204	EA	5" Wide x 8" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN58Z)	5.96	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.15*	
06 05 23 00-0205	EA	5" Wide x 16" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN516Z)	8.89	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.03*	
		For >500, Deduct	*-1.56*	

06 05 23 00-0206 Strap Ties *(06 05 23 00-0202)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0207	EA	1-1/4" Wide x 9" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA9)	2.54	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.70*	
06 05 23 00-0208	EA	1-1/4" Wide x 12" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA12)	2.59	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.71*	
06 05 23 00-0209	EA	1-1/4" Wide x 15" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA15)	3.40	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.90*	
06 05 23 00-0210	EA	1-1/4" Wide x 18" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA18)	3.56	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.91*	
06 05 23 00-0211	EA	1-1/4" Wide x 21" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA21)	3.70	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.93*	
06 05 23 00-0212	EA	1-1/4" Wide x 24" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA24)	4.35	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.11*	
06 05 23 00-0213	EA	1-1/4" Wide x 30" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA30)	4.75	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.15*	
06 05 23 00-0214	EA	1-1/4" Wide x 36" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA36)	5.63	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.35*	
06 05 23 00-0215	EA	1-1/4" Wide x 9" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA9)	2.59	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.71*	
06 05 23 00-0216	EA	1-1/4" Wide x 12" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA12)	2.79	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.73*	
06 05 23 00-0217	EA	1-1/4" Wide x 15" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA15)	3.52	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.91*	
06 05 23 00-0218	EA	1-1/4" Wide x 18" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA18)	3.74	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.93*	
06 05 23 00-0219	EA	1-1/4" Wide x 21" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA21)	3.94	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.95*	
06 05 23 00-0220	EA	1-1/4" Wide x 24" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA24)	4.66	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.14*	
06 05 23 00-0221	EA	1-1/4" Wide x 30" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA30)	4.98	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.17*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0222	EA	1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA36)	6.01	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.39*	
06 05 23 00-0223	EA	1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA49)	7.70	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.67*	
06 05 23 00-0224	EA	1-1/4" Wide x 9" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST9)	2.85	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.73*	
06 05 23 00-0225	EA	1-1/4" Wide x 12" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST12)	3.08	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.76*	
06 05 23 00-0226	EA	1-1/4" Wide x 18" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST18)	4.11	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.97*	
06 05 23 00-0227	EA	1-1/4" Wide x 22" Long, 16 Gauge, Strap Tie® (Simpson Strong Tie ST22)	5.31	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.20*	
06 05 23 00-0228	EA	1-3/8" Wide x 6" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS6)	3.52	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.80*	
06 05 23 00-0229	EA	1-3/8" Wide x 8" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS8)	3.70	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.82*	
06 05 23 00-0230	EA	1-3/8" Wide x 12" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS12)	4.98	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.06*	
06 05 23 00-0231	EA	2-1/16" Wide x 27" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST27)	8.65	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.02*	
		For >500, Deduct	*-1.54*	
06 05 23 00-0232	EA	2-1/16" Wide x 37" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST37)	11.59	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.30*	
		For >500, Deduct	*-1.94*	
06 05 23 00-0233	EA	2-1/16" Wide x 48" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST48)	15.21	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.63*	
		For >500, Deduct	*-2.42*	
06 05 23 00-0234	EA	2-1/16" Wide x 60" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST60)	21.79	
		For >10 To 50, Deduct	*-0.11*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.31*	
		For >250 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-3.19*	
06 05 23 00-0235	EA	2-1/16" Wide x 72" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST72)	27.94	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 250, Deduct	*-1.64*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.91*	
06 05 23 00-0236	EA	3" Wide x 28" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC28)	9.23	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0237	EA	3" Wide x 40" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC40)	12.44	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-2.03*	
06 05 23 00-0238	EA	3" Wide x 52" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC52)	15.45	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-2.44*	
06 05 23 00-0239	EA	3" Wide x 66" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC66)	22.25	
		For >10 To 50, Deduct	*-0.11*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-3.23*	

06 05 23 00-0240 Twist Strap Ties *(06 05 23 00-0202)*

06 05 23 00-0241	EA	1-1/4" Wide x 9" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS9)	3.16	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.76*	
06 05 23 00-0242	EA	1-1/4" Wide x 12" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS12)	3.59	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.81*	
06 05 23 00-0243	EA	1-1/4" Wide x 18" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS18)	4.81	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-1.04*	
06 05 23 00-0244	EA	1-1/4" Wide x 22" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS22)	5.72	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.25*	

06 05 23 00-0245 Retrofit Plate Strap *(06 05 23 00-0202)*

06 05 23 00-0246	EA	1-3/8" Wide x 18" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS18)	4.33	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.99*	
06 05 23 00-0247	EA	1-3/8" Wide x 22" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS22)	4.73	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-1.03*	
06 05 23 00-0248	EA	1-3/8" Wide x 28" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS28)	5.36	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.09*	

06 05 23 00-0249 Stud Shoe *(06 05 23 00-0202)*

06 05 23 00-0250	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS1.5)	7.69	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.44*	
06 05 23 00-0251	EA	6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS2.5)	11.30	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.21*	
		For >500, Deduct	*-1.80*	
06 05 23 00-0252	EA	6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS3)	12.33	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.29*	
		For >500, Deduct	*-1.91*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0253	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie SS4.5)	15.78	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-2.25*	
06 05 23 00-0254	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-SDS1.5)	17.65	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 250, Deduct	*-1.03*	
		For >250 To 500, Deduct	*-1.69*	
		For >500, Deduct	*-2.44*	
06 05 23 00-0255	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	21.66	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.84*	
06 05 23 00-0256	EA	7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-3-SDS3)	21.66	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.84*	
06 05 23 00-0257	EA	7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS4-SDS3)	21.66	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.84*	

06 05 23 00-0258 Nail Stops *(06 05 23 00-0202)*

06 05 23 00-0259	EA	1-1/2" Wide x 3" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS1)	2.40	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.69*	
06 05 23 00-0260	EA	1-1/2" Wide x 6" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS2)	2.71	
		For >10 To 50, Deduct	*-0.05*	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.72*	

06 05 73 Wood Treatment *(06 05)*

06 05 73 13 Fire-Retardant Wood Treatment *(06 05 73)*

06 05 73 13-0001 Preservative Treated Lumber *(06 05 73 13)*

06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber *(06 05 73 13-0001)*

06 05 73 13-0003	MBF	Fire Retardant Treatment (FRT) For Lumber	439.03	

06 05 73 33 Preservative Wood Treatment *(06 05 73)*

06 05 73 33-0001 Preservative Treatment For Marine And Fresh Water Uses *(06 05 73 33)*

06 05 73 33-0002	MBF	Preservative Treatment For Marine And Fresh Water Lumber	90.84	

06 10 Rough Carpentry *(06)*

06 11 Wood Framing *(06 10)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products *(06 11)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members *(06 11 13)*

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists *(06 11 13 00-0001)*

06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist	3.67	1.67
		For Each Additional 2" x_" In The Built Up Member, Add	*0.56*	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist	4.53	1.97
		For Each Additional 2" x_" In The Built Up Member, Add	*0.79*	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist	5.74	2.36
		For Each Additional 2" x_" In The Built Up Member, Add	*1.10*	

06 11 13 00-0006 Built-Up Posts *(06 11 13 00-0001)*

06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post	3.67	1.67
		For Each Additional 2" x_" In The Built Up Member, Add	*0.56*	
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post	4.53	1.97
		For Each Additional 2" x_" In The Built Up Member, Add	*0.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 13 00-0009	LF	Two 2" x 10" Built-up Wood Post	5.74	2.36
		For Each Additional 2" x_" In The Built Up Member, Add	*1.10*	

06 11 16 Mechanically Graded Lumber *(06 11)*

06 11 16 00-0001 Sills And Plates *(06 11 16)*

06 11 16 00-0002 Sills *(06 11 16 00-0001)*

Note: A horizontal member which rests on and is attached to the foundation.

06 11 16 00-0003	LF	2" x 4" Wood Sill	2.54	1.47
06 11 16 00-0004	LF	2" x 6" Wood Sill	3.01	1.67
06 11 16 00-0005	LF	2" x 8" Wood Sill	3.57	1.86
06 11 16 00-0006	LF	2" x 4" Pressure Treated Wood Sill	2.77	1.47
06 11 16 00-0007	LF	2" x 6" Pressure Treated Wood Sill	3.38	1.67
06 11 16 00-0008	LF	2" x 8" Pressure Treated Wood Sill	4.09	1.86

06 11 16 00-0009 Plates *(06 11 16 00-0001)*

Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.

06 11 16 00-0010	LF	2" x 4" Wood Plate	2.54	1.47
06 11 16 00-0011	LF	2" x 6" Wood Plate	3.01	1.67
06 11 16 00-0012	LF	2" x 8" Wood Plate	3.54	1.86
06 11 16 00-0013	LF	2" x 4" Pressure Treated Wood Plate	2.77	1.47
06 11 16 00-0014	LF	2" x 6" Pressure Treated Wood Plate	3.38	1.67
06 11 16 00-0015	LF	2" x 8" Pressure Treated Wood Plate	4.06	1.86

06 11 16 00-0016 Sills And Plates From Redwood *(06 11 16 00-0001)*

06 11 16 00-0017 Construction Grade/Rough *(06 11 16 00-0016)*

06 11 16 00-0018	LF	2" x 6" Redwood, Construction Grade/Rough	4.30	1.67
06 11 16 00-0019	LF	2" x 8" Redwood, Construction Grade/Rough	5.60	1.86
06 11 16 00-0020	LF	2" x 10" Redwood, Construction Grade/Rough	6.79	2.07
06 11 16 00-0021	LF	2" x 12" Redwood, Construction Grade/Rough	8.18	2.26

06 11 16 00-0022 Con Heart/Smooth *(06 11 16 00-0016)*

06 11 16 00-0023	LF	2" x 6" Redwood, Con Heart/Smooth	5.09	1.67
06 11 16 00-0024	LF	2" x 8" Redwood, Con Heart/Smooth	6.78	1.86
06 11 16 00-0025	LF	2" x 10" Redwood, Con Heart/Smooth	8.79	2.07
06 11 16 00-0026	LF	2" x 12" Redwood, Con Heart/Smooth	10.56	2.26

06 11 16 00-0027 Suspended Ceiling Framing *(06 11 16)*

06 11 16 00-0028	LF	1" x 2" Wood Suspended Ceiling Framing	2.12	1.28
06 11 16 00-0029	LF	1" x 3" Wood Suspended Ceiling Framing	2.30	1.38
06 11 16 00-0030	LF	2" x 2" Wood Suspended Ceiling Framing	2.46	1.47
06 11 16 00-0031	LF	2" x 4" Wood Suspended Ceiling Framing	2.92	1.67
06 11 16 00-0032	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.30	1.28
06 11 16 00-0033	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.29	1.38
06 11 16 00-0034	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.66	1.47
06 11 16 00-0035	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.11	1.67

06 11 16 00-0036 Posts And Girts *(06 11 16)*

06 11 16 00-0037 Posts *(06 11 16 00-0036)*

Note: A vertical, upright framing member.

06 11 16 00-0038	LF	4" x 4" Wood Post	3.49	1.86
06 11 16 00-0039	LF	4" x 5" Wood Post	3.98	2.16
06 11 16 00-0040	LF	4" x 6" Wood Post	4.39	2.36
06 11 16 00-0041	LF	6" x 6" Wood Post	4.87	2.55
06 11 16 00-0042	LF	8" x 8" Wood Post	5.36	2.65
06 11 16 00-0043	LF	10" x 10" Wood Post	5.83	3.05
06 11 16 00-0044	LF	4" x 4" Pressure Treated Wood Post	4.25	1.86
06 11 16 00-0045	LF	3" x 6" Pressure Treated Wood Post	4.79	2.36
06 11 16 00-0046	LF	4" x 6" Pressure Treated Wood Post	5.48	2.36
06 11 16 00-0047	LF	6" x 6" Pressure Treated Wood Post	6.80	2.55

06 11 16 00-0048 Girts *(06 11 16 00-0036)*

Note: A horizontal member at intermediate level between columns, studs, or posts.

06 11 16 00-0049	LF	2" x 4" Wood Girt	1.75	0.71
06 11 16 00-0050	LF	2" x 6" Wood Girt	2.11	0.78
06 11 16 00-0051	LF	2" x 8" Wood Girt	2.50	0.85
06 11 16 00-0052	LF	2" x 10" Wood Girt	2.98	0.94
06 11 16 00-0053	LF	4" x 4" Wood Girt	3.41	1.42
06 11 16 00-0054	LF	4" x 5" Wood Girt	3.90	1.59
06 11 16 00-0055	LF	4" x 6" Wood Girt	4.38	1.77
06 11 16 00-0056	LF	6" x 6" Wood Girt	4.85	1.95
06 11 16 00-0057	LF	8" x 8" Wood Girt	5.35	2.12
06 11 16 00-0058	LF	10" x 10" Wood Girt	5.82	2.31
06 11 16 00-0059	LF	2" x 4" Pressure Treated Wood Girt	1.98	0.71
06 11 16 00-0060	LF	2" x 6" Pressure Treated Wood Girt	2.48	0.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0061	LF	2" x 8" Pressure Treated Wood Girt	3.02	0.85
06 11 16 00-0062	LF	2" x 10" Pressure Treated Wood Girt	3.50	0.94
06 11 16 00-0063	LF	4" x 4" Pressure Treated Wood Girt	4.25	1.42
06 11 16 00-0064	LF	3" x 6" Pressure Treated Wood Girt	4.79	1.77
06 11 16 00-0065	LF	4" x 6" Pressure Treated Wood Girt	5.48	1.77
06 11 16 00-0066	LF	6" x 6" Pressure Treated Wood Girt	6.80	1.95

06 11 16 00-0067 Construction Grade/Rough Redwood Posts *(06 11 16 00-0036)*

06 11 16 00-0068	LF	4" x 4" Redwood, Construction Grade/Rough Post	6.40	1.86
		For Smooth "Clear", Add	*0.72*	
06 11 16 00-0069	LF	4" x 5" Redwood, Construction Grade/Rough Post	7.64	2.16
		For Smooth "Clear", Add	*0.89*	
06 11 16 00-0070	LF	4" x 6" Redwood, Construction Grade/Rough Post	8.91	2.36
		For Smooth "Clear", Add	*1.07*	
06 11 16 00-0071	LF	4" x 8" Redwood, Construction Grade/Rough Post	10.85	2.42
		For Smooth "Clear", Add	*1.43*	
06 11 16 00-0072	LF	4" x 10" Redwood, Construction Grade/Rough Post	12.85	2.58
		For Smooth "Clear", Add	*1.79*	
06 11 16 00-0073	LF	6" x 6" Redwood, Construction Grade/Rough Post	11.94	2.55
		For Smooth "Clear", Add	*1.61*	
06 11 16 00-0074	LF	6" x 8" Redwood, Construction Grade/Rough Post	14.77	2.65
		For Smooth "Clear", Add	*2.15*	
06 11 16 00-0075	LF	6" x 10" Redwood, Construction Grade/Rough Post	17.56	2.49
		For Smooth "Clear", Add	*2.68*	
06 11 16 00-0076	LF	8" x 8" Redwood, Construction Grade/Rough Post	18.57	2.65
		For Smooth "Clear", Add	*2.86*	

06 11 16 00-0077 Stair Stringers *(06 11 16)*

See CSI section 06 43 13 00-0001 for treads and risers.

06 11 16 00-0078	LF	2" x 10" Wood Stair Stringer	6.98	3.93
06 11 16 00-0079	LF	2" x 12" Wood Stair Stringer	8.23	4.62
06 11 16 00-0080	LF	2" x 10" Pressure Treated Wood Stair Stringer	7.52	3.93
06 11 16 00-0081	LF	2" x 12" Pressure Treated Wood Stair Stringer	8.99	4.62

06 11 16 00-0082 Blocking *(06 11 16)*

06 11 16 00-0083 Blocking *(06 11 16 00-0082)*

06 11 16 00-0084 Blocking To Wood *(06 11 16 00-0083)*

06 11 16 00-0085	LF	2" x 4" Pressure Treated Wood Blocking To Wood	5.52	2.36
06 11 16 00-0086	LF	2" x 6" Pressure Treated Wood Blocking To Wood	6.52	2.59
06 11 16 00-0087	LF	2" x 8" Pressure Treated Wood Blocking To Wood	7.44	2.85
06 11 16 00-0088	LF	4" x 4" Pressure Treated Wood Blocking To Wood	8.61	3.13
06 11 16 00-0089	LF	4" x 6" Pressure Treated Wood Blocking To Wood	9.28	3.44
06 11 16 00-0090	LF	2" x 4" Wood Blocking To Wood	5.05	2.36
06 11 16 00-0091	LF	2" x 6" Wood Blocking To Wood	5.74	2.59
06 11 16 00-0092	LF	2" x 8" Wood Blocking To Wood	6.50	2.85
06 11 16 00-0093	LF	4" x 4" Wood Blocking To Wood	6.95	3.13
06 11 16 00-0094	LF	4" x 6" Wood Blocking To Wood	7.76	3.44

06 11 16 00-0095 Blocking To Steel *(06 11 16 00-0083)*

06 11 16 00-0096	LF	2" x 4" Pressure Treated Wood Blocking To Steel	6.30	2.71
06 11 16 00-0097	LF	2" x 6" Pressure Treated Wood Blocking To Steel	7.44	2.99
06 11 16 00-0098	LF	2" x 8" Pressure Treated Wood Blocking To Steel	8.46	3.28
06 11 16 00-0099	LF	2" x 4" Wood Blocking To Steel	5.79	2.71
06 11 16 00-0100	LF	2" x 6" Wood Blocking To Steel	6.57	2.99
06 11 16 00-0101	LF	2" x 8" Wood Blocking To Steel	7.43	3.28

06 11 16 00-0102 Blocking To Concrete *(06 11 16 00-0083)*

06 11 16 00-0103	LF	2" x 4" Pressure Treated Wood Blocking To Concrete	6.30	2.71
06 11 16 00-0104	LF	2" x 6" Pressure Treated Wood Blocking To Concrete	7.44	2.99
06 11 16 00-0105	LF	2" x 8" Pressure Treated Wood Blocking To Concrete	8.46	3.28
06 11 16 00-0106	LF	2" x 4" Wood Blocking To Concrete	5.79	2.71
06 11 16 00-0107	LF	2" x 6" Wood Blocking To Concrete	6.57	2.99
06 11 16 00-0108	LF	2" x 8" Wood Blocking To Concrete	7.43	3.28

06 11 16 00-0109 Pressure Treated Lattice *(06 11 16 00-0082)*

06 11 16 00-0110	SF	3/4" Thick Pressure Treated Wood Lattice	5.27	2.07

06 11 16 00-0111 Roofing Nailers *(06 11 16)*

06 11 16 00-0112	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers	2.82	0.79
06 11 16 00-0113	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers	3.29	0.83
06 11 16 00-0114	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers	3.76	0.88

06 11 16 00-0115 Roofing Sleepers *(06 11 16)*

06 11 16 00-0116	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers	1.30	
06 11 16 00-0117	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers	2.86	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0118	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers	3.71	
06 11 16 00-0119	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers	4.88	
06 11 16 00-0120		Canopy Framing, Bridging, And Furring *(06 11 16)*		
06 11 16 00-0121		Wood And Steel Bridging *(06 11 16 00-0120)*		
06 11 16 00-0122		Wood Bridging *(06 11 16 00-0121)*		
06 11 16 00-0123	EA	1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	7.84	3.43
06 11 16 00-0124	EA	1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	8.02	3.43
06 11 16 00-0125		Steel Bridging *(06 11 16 00-0121)*		
06 11 16 00-0126	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center	9.03	3.43
06 11 16 00-0127	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center	9.01	3.43
06 11 16 00-0128		Light Framing, Trim And Furring *(06 11 16 00-0120)*		
06 11 16 00-0129		Pine/Spruce/Fir Light Framing, Trim And Furring *(06 11 16 00-0128)*		
06 11 16 00-0130	LF	1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring	1.71	0.81
06 11 16 00-0131	LF	1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	1.92	0.88
06 11 16 00-0132	LF	1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.20	0.97
06 11 16 00-0133	LF	1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	2.43	1.07
06 11 16 00-0134	LF	1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	2.70	1.18
06 11 16 00-0135	LF	1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	2.98	1.30
06 11 16 00-0136	LF	2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.44	1.07
06 11 16 00-0137	LF	2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.73	1.18
06 11 16 00-0138	LF	2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	3.15	1.30
06 11 16 00-0139	LF	2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	3.64	1.43
06 11 16 00-0140	LF	2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	4.23	1.57
06 11 16 00-0141		Cedar Light Framing, Trim And Furring *(06 11 16 00-0128)*		
06 11 16 00-0142	LF	1" x 1" Cedar Light Framing, Trim And Furring	1.73	0.81
06 11 16 00-0143	LF	1" x 2" Cedar Light Framing, Trim And Furring	2.01	0.88
06 11 16 00-0144	LF	1" x 4" Cedar Light Framing, Trim And Furring	2.55	0.97
06 11 16 00-0145	LF	1" x 6" Cedar Light Framing, Trim And Furring	3.04	1.07
06 11 16 00-0146	LF	1" x 8" Cedar Light Framing, Trim And Furring	4.30	1.18
06 11 16 00-0147	LF	1" x 10" Cedar Light Framing, Trim And Furring	5.02	1.30
06 11 16 00-0148	LF	2" x 2" Cedar Light Framing, Trim And Furring	2.67	1.07
06 11 16 00-0149	LF	2" x 4" Cedar Light Framing, Trim And Furring	3.07	1.18
06 11 16 00-0150		Oak Light Framing, Trim And Furring *(06 11 16 00-0128)*		
06 11 16 00-0151	LF	1" x 1" Oak Light Framing, Trim And Furring	1.74	0.81
06 11 16 00-0152	LF	1" x 2" Oak Light Framing, Trim And Furring	2.03	0.88
06 11 16 00-0153	LF	1" x 4" Oak Light Framing, Trim And Furring	2.46	0.97
06 11 16 00-0154	LF	1" x 6" Oak Light Framing, Trim And Furring	2.91	1.07
06 11 16 00-0155	LF	1" x 8" Oak Light Framing, Trim And Furring	3.38	1.18
06 11 16 00-0156	LF	1" x 10" Oak Light Framing, Trim And Furring	3.87	1.30
06 11 16 00-0157	LF	2" x 2" Oak Light Framing, Trim And Furring	2.65	1.07
06 11 16 00-0158	LF	2" x 4" Oak Light Framing, Trim And Furring	3.39	1.18
06 11 16 00-0159		Redwood Light Framing, Trim And Furring *(06 11 16 00-0128)*		
06 11 16 00-0160	LF	1" x 1" Redwood Light Framing, Trim And Furring	1.70	0.81
06 11 16 00-0161	LF	1" x 2" Redwood Light Framing, Trim And Furring	1.96	0.88
06 11 16 00-0162	LF	1" x 4" Redwood Light Framing, Trim And Furring	2.34	0.97
06 11 16 00-0163	LF	1" x 6" Redwood Light Framing, Trim And Furring	2.76	1.07
06 11 16 00-0164	LF	1" x 8" Redwood Light Framing, Trim And Furring	3.22	1.18
06 11 16 00-0165	LF	1" x 10" Redwood Light Framing, Trim And Furring	3.73	1.30
06 11 16 00-0166	LF	2" x 2" Redwood Light Framing, Trim And Furring	2.77	1.07
06 11 16 00-0167	LF	2" x 4" Redwood Light Framing, Trim And Furring	3.24	1.18
06 11 16 00-0168		Poplar Light Framing, Trim And Furring *(06 11 16 00-0128)*		
06 11 16 00-0169	LF	1" x 1" Poplar Light Framing, Trim And Furring	1.92	0.81
06 11 16 00-0170	LF	1" x 2" Poplar Light Framing, Trim And Furring	2.30	0.88
06 11 16 00-0171	LF	1" x 4" Poplar Light Framing, Trim And Furring	2.82	0.97
06 11 16 00-0172	LF	1" x 6" Poplar Light Framing, Trim And Furring	3.50	1.07
06 11 16 00-0173	LF	1" x 8" Poplar Light Framing, Trim And Furring	4.03	1.18
06 11 16 00-0174	LF	1" x 10" Poplar Light Framing, Trim And Furring	5.18	1.30
06 11 16 00-0175	LF	1" x 12" Poplar Light Framing, Trim And Furring	5.55	1.30
06 11 16 00-0176	LF	2" x 2" Poplar Light Framing, Trim And Furring	4.42	1.07
06 11 16 00-0177	LF	2" x 4" Poplar Light Framing, Trim And Furring	4.94	1.18
06 11 16 00-0178	LF	2" x 6" Poplar Light Framing, Trim And Furring	6.46	1.30
06 11 16 00-0179		Maple Light Framing, Trim And Furring *(06 11 16 00-0128)*		
06 11 16 00-0180	LF	1" x 4" Maple Light Framing, Trim And Furring	3.75	0.97
06 11 16 00-0181	LF	1" x 6" Maple Light Framing, Trim And Furring	4.95	1.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0182	LF	1" x 8" Maple Light Framing, Trim And Furring	6.19	1.18
06 11 16 00-0183		**Rafters And Joists** *(06 11 16)*		
06 11 16 00-0184		**Rafters** *(06 11 16 00-0183)*		
		Note: An inclined roof framing member to which a roof covering is attached.		
06 11 16 00-0185	LF	2" x 6" Wood Rafter	2.13	1.18
06 11 16 00-0186	LF	2" x 8" Wood Rafter	2.46	1.28
06 11 16 00-0187	LF	2" x 10" Wood Rafter	3.55	1.86
06 11 16 00-0188	LF	2" x 12" Wood Rafter	4.08	2.07
06 11 16 00-0189	LF	2" x 14" Wood Rafter	4.43	2.26
06 11 16 00-0190	LF	2" x 6" Pressure Treated Wood Rafter	2.50	1.18
06 11 16 00-0191	LF	2" x 8" Pressure Treated Wood Rafter	2.98	1.28
06 11 16 00-0192	LF	2" x 10" Pressure Treated Wood Rafter	4.07	1.86
06 11 16 00-0193	LF	2" x 12" Pressure Treated Wood Rafter	4.86	2.07
06 11 16 00-0194		**Joists** *(06 11 16 00-0183)*		
		Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0195	LF	2" x 6" Wood Floor Joist	1.84	0.98
06 11 16 00-0196	LF	2" x 8" Wood Floor Joist	2.26	1.08
06 11 16 00-0197	LF	2" x 10" Wood Floor Joist	2.87	1.38
06 11 16 00-0198	LF	2" x 12" Wood Floor Joist	3.40	1.57
06 11 16 00-0199	LF	2" x 14" Wood Floor Joist	3.74	1.67
06 11 16 00-0200	LF	2" x 6" Pressure Treated Wood Floor Joist	2.21	0.98
06 11 16 00-0201	LF	2" x 8" Pressure Treated Wood Floor Joist	2.78	1.08
06 11 16 00-0202	LF	2" x 10" Pressure Treated Wood Floor Joist	3.39	1.38
06 11 16 00-0203	LF	2" x 12" Pressure Treated Wood Floor Joist	4.18	1.57
06 11 16 00-0204		**Purlins** *(06 11 16 00-0183)*		
		Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0205	LF	2" x 4" Wood Purlin	1.51	0.59
06 11 16 00-0206	LF	2" x 6" Wood Purlin	1.86	0.65
06 11 16 00-0207	LF	2" x 8" Wood Purlin	2.22	0.72
06 11 16 00-0208	LF	2" x 10" Wood Purlin	2.67	0.79
06 11 16 00-0209	LF	2" x 4" Pressure Treated Wood Purlin	1.74	0.59
06 11 16 00-0210	LF	2" x 6" Pressure Treated Wood Purlin	2.23	0.65
06 11 16 00-0211	LF	2" x 8" Pressure Treated Wood Purlin	2.74	0.72
06 11 16 00-0212	LF	2" x 10" Pressure Treated Wood Purlin	3.19	0.79
06 11 16 00-0213		**Exposed Rafters Or Joists** *(06 11 16 00-0183)*		
06 11 16 00-0214		**Redwood Rafters Or Joists** *(06 11 16 00-0213)*		
06 11 16 00-0215	LF	2" x 6" Redwood Rafter Or Joist	2.66	0.98
06 11 16 00-0216	LF	2" x 8" Redwood Rafter Or Joist	3.22	1.08
06 11 16 00-0217	LF	2" x 10" Redwood Rafter Or Joist	4.00	1.38
06 11 16 00-0218	LF	2" x 12" Redwood Rafter Or Joist	4.83	1.57
06 11 16 00-0219		**Cedar Rafters Or Joists** *(06 11 16 00-0213)*		
06 11 16 00-0220	LF	2" x 6" Cedar Rafter Or Joist	1.85	0.98
06 11 16 00-0221	LF	2" x 8" Cedar Rafter Or Joist	2.07	1.08
06 11 16 00-0222	LF	2" x 10" Cedar Rafter Or Joist	2.41	1.38
06 11 16 00-0223	LF	2" x 12" Cedar Rafter Or Joist	2.74	1.57
06 11 16 00-0224		**Oak Rafters Or Joists** *(06 11 16 00-0213)*		
06 11 16 00-0225	LF	2" x 6" Oak Rafter Or Joist	2.18	0.98
06 11 16 00-0226	LF	2" x 8" Oak Rafter Or Joist	2.92	1.08
06 11 16 00-0227	LF	2" x 10" Oak Rafter Or Joist	3.76	1.38
06 11 16 00-0228	LF	2" x 12" Oak Rafter Or Joist	4.61	1.57
06 11 16 00-0229		**Framing** *(06 11 16)*		
06 11 16 00-0230		**Partition Framing** *(06 11 16 00-0229)*		
06 11 16 00-0231	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.45	0.79
06 11 16 00-0232	LF	2" x 6" Wood Stud Framing, For Partition Walls	1.74	0.83
06 11 16 00-0233	LF	2" x 8" Wood Stud Framing, For Partition Walls	2.02	0.88
06 11 16 00-0234	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls	1.68	0.79
06 11 16 00-0235	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls	2.11	0.83
06 11 16 00-0236	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls	2.54	0.88
06 11 16 00-0237		**Wall Framing Assemblies By The SF** *(06 11 16 00-0229)*		
		Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.		
06 11 16 00-0238		**Wall Framing By The SF, 12" On Center** *(06 11 16 00-0237)*		
06 11 16 00-0239	SF	2" x 4" Wood Wall Framing At 12" On Center	1.88	0.94
		For Up To 200, Add	*0.66*	
		For >200 To 500, Add	*0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0240	SF	2" x 6" Wood Wall Framing At 12" On Center	2.51	1.22
		For Up To 200, Add	*0.86*	
		For >200 To 500, Add	*0.43*	
06 11 16 00-0241	SF	2" x 8" Wood Wall Framing At 12" On Center	3.36	1.62
		For Up To 200, Add	*1.15*	
		For >200 To 500, Add	*0.58*	

06 11 16 00-0242 Wall Framing By The SF, 16" On Center *(06 11 16 00-0237)*

06 11 16 00-0243	SF	2" x 4" Wood Wall Framing At 16" On Center	1.53	0.77
		For Up To 200, Add	*0.53*	
		For >200 To 500, Add	*0.27*	
06 11 16 00-0244	SF	2" x 6" Wood Wall Framing At 16" On Center	2.09	1.01
		For Up To 200, Add	*0.72*	
		For >200 To 500, Add	*0.36*	
06 11 16 00-0245	SF	2" x 8" Wood Wall Framing At 16" On Center	2.79	1.36
		For Up To 200, Add	*0.96*	
		For >200 To 500, Add	*0.48*	

06 11 16 00-0246 Wall Framing By The SF, 24" On Center *(06 11 16 00-0237)*

06 11 16 00-0247	SF	2" x 4" Wood Wall Framing At 24" On Center	1.21	0.60
		For Up To 200, Add	*0.42*	
		For >200 To 500, Add	*0.21*	
06 11 16 00-0248	SF	2" x 6" Wood Wall Framing At 24" On Center	1.64	0.79
		For Up To 200, Add	*0.56*	
		For >200 To 500, Add	*0.28*	
06 11 16 00-0249	SF	2" x 8" Wood Wall Framing At 24" On Center	2.19	1.05
		For Up To 200, Add	*0.75*	
		For >200 To 500, Add	*0.38*	

06 13 Heavy Timber Construction *(06 10)*

06 13 23 Heavy Timber Framing *(06 13)*

06 13 23 00-0001 Heavy Timber Framing *(06 13 23)*

Note: Excludes fasteners.

06 13 23 00-0002 Heavy Timber Beams *(06 13 23 00-0001)*

06 13 23 00-0003 Pine, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0004	LF	4" x 4", Pine, Heavy Timber Beam	4.98	1.74
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam	5.88	1.81
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam	6.77	1.89
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam	8.55	2.02
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam	10.05	2.14
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam	7.25	1.97
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam	8.54	2.07
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam	11.22	2.21
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam	13.16	2.26
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam	10.25	2.14
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam	13.49	2.21
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam	16.12	2.26
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam	15.95	2.26
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam	19.32	2.45
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam	22.69	2.71

06 13 23 00-0019 Douglas Fir, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0020	LF	4" x 4", Douglas Fir, Heavy Timber Beam	5.14	1.74
06 13 23 00-0021	LF	4" x 6", Douglas Fir, Heavy Timber Beam	6.10	1.81
06 13 23 00-0022	LF	4" x 8", Douglas Fir, Heavy Timber Beam	7.07	1.89
06 13 23 00-0023	LF	4" x 10", Douglas Fir, Heavy Timber Beam	9.01	2.02
06 13 23 00-0024	LF	4" x 12", Douglas Fir, Heavy Timber Beam	10.62	2.14
06 13 23 00-0025	LF	6" x 6", Douglas Fir, Heavy Timber Beam	7.58	1.97
06 13 23 00-0026	LF	6" x 8", Douglas Fir, Heavy Timber Beam	8.98	2.07
06 13 23 00-0027	LF	6" x 10", Douglas Fir, Heavy Timber Beam	11.90	2.21
06 13 23 00-0028	LF	6" x 12", Douglas Fir, Heavy Timber Beam	14.03	2.26
06 13 23 00-0029	LF	8" x 8", Douglas Fir, Heavy Timber Beam	10.85	2.14
06 13 23 00-0030	LF	8" x 10", Douglas Fir, Heavy Timber Beam	14.40	2.21
06 13 23 00-0031	LF	8" x 12", Douglas Fir, Heavy Timber Beam	17.27	2.26
06 13 23 00-0032	LF	10" x 10", Douglas Fir, Heavy Timber Beam	17.08	2.26
06 13 23 00-0033	LF	10" x 12", Douglas Fir, Heavy Timber Beam	20.75	2.45
06 13 23 00-0034	LF	12" x 12", Douglas Fir, Heavy Timber Beam	24.41	2.71

06 13 23 00-0035 Pressure Treated, Heavy Timber Beams *(06 13 23 00-0002)*

06 13 23 00-0036	LF	4" x 4", Pressure Treated, Heavy Timber Beam	5.56	1.74
06 13 23 00-0037	LF	4" x 6", Pressure Treated, Heavy Timber Beam	6.93	1.81
06 13 23 00-0038	LF	4" x 8", Pressure Treated, Heavy Timber Beam	8.13	1.89
06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam	10.61	2.02
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam	12.65	2.14
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam	9.45	1.97
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam	11.50	2.07
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam	13.74	2.21
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam	16.76	2.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam	16.89	2.14
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam	19.56	2.21
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam	22.95	2.26
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam	23.06	2.26
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam	30.38	2.45
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam	35.97	2.71
06 13 23 00-0051		Heavy Timber Columns *(06 13 23 00-0001)*		
06 13 23 00-0052		Pine, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column	3.32	0.92
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column	4.18	0.97
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column	4.98	0.99
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column	6.65	1.06
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column	8.02	1.12
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column	5.41	1.02
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column	6.62	1.07
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column	9.13	1.17
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column	11.02	1.19
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column	8.22	1.12
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column	11.40	1.17
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column	13.94	1.22
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column	13.76	1.22
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column	16.99	1.30
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column	20.14	1.42
06 13 23 00-0068		Douglas Fir, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column	3.48	0.92
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column	4.40	0.97
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column	5.28	0.99
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column	7.11	1.06
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column	8.59	1.12
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column	5.74	1.02
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column	7.06	1.07
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column	9.81	1.17
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column	11.89	1.19
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column	8.82	1.12
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column	12.31	1.17
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column	15.09	1.22
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column	14.89	1.22
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column	18.42	1.30
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column	21.86	1.42
06 13 23 00-0084		Pressure Treated, Heavy Timber Columns *(06 13 23 00-0051)*		
06 13 23 00-0085	LF	4" x 4", Pressure Treated, Heavy Timber Column	3.90	0.92
06 13 23 00-0086	LF	4" x 6", Pressure Treated, Heavy Timber Column	5.23	0.97
06 13 23 00-0087	LF	4" x 8", Pressure Treated, Heavy Timber Column	6.34	0.99
06 13 23 00-0088	LF	4" x 10", Pressure Treated, Heavy Timber Column	8.71	1.06
06 13 23 00-0089	LF	4" x 12", Pressure Treated, Heavy Timber Column	10.62	1.12
06 13 23 00-0090	LF	6" x 6", Pressure Treated, Heavy Timber Column	7.61	1.02
06 13 23 00-0091	LF	6" x 8", Pressure Treated, Heavy Timber Column	9.58	1.07
06 13 23 00-0092	LF	6" x 10", Pressure Treated, Heavy Timber Column	11.65	1.17
06 13 23 00-0093	LF	6" x 12", Pressure Treated, Heavy Timber Column	14.62	1.19
06 13 23 00-0094	LF	8" x 8", Pressure Treated, Heavy Timber Column	14.86	1.12
06 13 23 00-0095	LF	8" x 10", Pressure Treated, Heavy Timber Column	17.47	1.17
06 13 23 00-0096	LF	8" x 12", Pressure Treated, Heavy Timber Column	20.77	1.22
06 13 23 00-0097	LF	10" x 10", Pressure Treated, Heavy Timber Column	20.87	1.22
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column	28.05	1.30
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column	33.42	1.42

06 15 Wood Decking *(06 10)*

06 15 13 Wood Floor Decking *(06 15)*

06 15 13 00-0001		Wood Deck Systems *(06 15 13)* Note: Includes the deck, joists, girders, posts 8' on-center, pickets and railing.		
06 15 13 00-0002		Pressure Treated Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0003		2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*		
06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	30.26	6.10
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	29.22	5.80
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	31.35	6.26
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	30.31	5.95
06 15 13 00-0008		2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*		
06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	31.24	6.26
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	30.17	5.95
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	32.35	6.42
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	31.29	6.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0013		2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*		
06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	30.26	6.10
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	29.22	5.80
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	31.35	6.26
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	30.31	5.95
06 15 13 00-0018		Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0019		2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*		
06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	32.05	6.10
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	31.09	5.96
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	33.59	6.26
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	32.42	5.95
06 15 13 00-0024		2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*		
06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	34.05	6.26
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	33.06	5.95
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	35.71	6.42
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	34.54	6.09
06 15 13 00-0029		2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*		
06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	32.77	6.10
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	31.81	5.80
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	34.35	6.26
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	33.76	5.95
06 15 13 00-0034		Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0035		2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*		
06 15 13 00-0036	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	31.24	6.10
06 15 13 00-0037	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	30.25	5.80
06 15 13 00-0038	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	32.68	6.26
06 15 13 00-0039	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	31.49	5.95
06 15 13 00-0040		2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*		
06 15 13 00-0041	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	33.08	6.26
06 15 13 00-0042	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	32.05	5.95
06 15 13 00-0043	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	34.62	6.42
06 15 13 00-0044	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	33.76	6.09
06 15 13 00-0045		2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*		
06 15 13 00-0046	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	32.43	6.10
06 15 13 00-0047	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	30.88	5.80
06 15 13 00-0048	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	33.36	6.26
06 15 13 00-0049	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	32.49	5.95
06 15 13 00-0050		Cedar With Pressure Treated Joists Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0051		2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0052	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	30.91	6.10
06 15 13 00-0053	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	29.89	5.80
06 15 13 00-0054	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	32.05	6.26
06 15 13 00-0055	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	31.04	5.95
06 15 13 00-0056		2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0057	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	31.94	6.26
06 15 13 00-0058	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	31.18	5.95
06 15 13 00-0059	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	33.09	6.42
06 15 13 00-0060	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	32.12	6.09
06 15 13 00-0061		2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0062	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	31.31	6.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0063	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	30.30	5.80
06 15 13 00-0064	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	32.47	6.26
06 15 13 00-0065	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	31.46	5.95

06 15 13 00-0066 Wood Stair Systems *(06 15 13)*

Note: Includes the decking, joists, girders, posts at corners and along stairs, pickets and railing.

06 15 13 00-0067 Pressure Treated Wood Stair System *(06 15 13 00-0066)*

06 15 13 00-0068 2" x 10" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0067)*

06 15 13 00-0069	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	95.12	14.65
06 15 13 00-0070	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	92.52	13.92
06 15 13 00-0071	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	98.01	15.03
06 15 13 00-0072	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	94.96	14.27
06 15 13 00-0073	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	99.88	15.39
06 15 13 00-0074	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	97.15	14.62
06 15 13 00-0075	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	102.90	15.78
06 15 13 00-0076	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	99.71	14.99
06 15 13 00-0077	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	104.78	16.16
06 15 13 00-0078	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	101.89	15.34
06 15 13 00-0079	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	107.94	16.57
06 15 13 00-0080	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	104.59	15.74
06 15 13 00-0081	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	111.11	16.96
06 15 13 00-0082	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	108.15	16.12
06 15 13 00-0083	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	114.48	17.40
06 15 13 00-0084	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	111.00	16.53

06 15 13 00-0085 2" x 12" Joists, Pressure Treated Wood Stair System *(06 15 13 00-0067)*

06 15 13 00-0086	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	97.20	15.02
06 15 13 00-0087	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	94.19	14.27
06 15 13 00-0088	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	100.23	15.41
06 15 13 00-0089	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	97.16	14.64
06 15 13 00-0090	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	102.07	15.77
06 15 13 00-0091	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	98.89	14.99
06 15 13 00-0092	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	105.25	16.17
06 15 13 00-0093	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	102.02	15.37
06 15 13 00-0094	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	107.06	16.55
06 15 13 00-0095	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	103.73	15.73
06 15 13 00-0096	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	110.41	16.98
06 15 13 00-0097	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	107.01	16.14
06 15 13 00-0098	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	113.51	17.39
06 15 13 00-0099	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	110.08	16.52
06 15 13 00-0100	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	117.07	17.83
06 15 13 00-0101	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	113.55	16.94

06 15 13 00-0102 Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0066)*

06 15 13 00-0103 2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0102)*

06 15 13 00-0104	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	105.06	14.65
06 15 13 00-0105	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	102.37	13.92
06 15 13 00-0106	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	108.57	15.03
06 15 13 00-0107	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	105.84	14.27
06 15 13 00-0108	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	110.32	15.39
06 15 13 00-0109	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	107.50	14.62
06 15 13 00-0110	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	113.99	15.78
06 15 13 00-0111	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	111.13	14.99
06 15 13 00-0112	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	115.69	16.16
06 15 13 00-0113	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	112.71	15.34
06 15 13 00-0114	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	119.54	16.57
06 15 13 00-0115	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	116.52	15.74
06 15 13 00-0116	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	123.11	16.96
06 15 13 00-0117	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	120.04	16.12
06 15 13 00-0118	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	127.23	17.40
06 15 13 00-0119	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	124.13	16.53

06 15 13 00-0120 2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System *(06 15 13 00-0102)*

06 15 13 00-0121	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	104.22	15.02
06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	101.45	14.27
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	107.53	15.41
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	104.80	14.64
06 15 13 00-0125	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	109.43	15.77
06 15 13 00-0126	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	106.52	14.99
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	112.91	16.17
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	110.05	15.37
06 15 13 00-0129	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	114.76	16.55
06 15 13 00-0130	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	111.70	15.73
06 15 13 00-0131	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	118.42	16.98
06 15 13 00-0132	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	115.40	16.14
06 15 13 00-0133	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	121.98	17.39
06 15 13 00-0134	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	118.84	16.52
06 15 13 00-0135	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	125.88	17.83

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0136	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	122.78	16.94
06 15 13 00-0137		**Wood Deck And Ramp Systems Repairs** *(06 15 13)* Note: Includes removal of material and screws. Excludes anchors and bolts.		
06 15 13 00-0138		**Deck Joist Or Girt** *(06 15 13 00-0137)* See CSI section 06 11 16 00-0194 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.		
06 15 13 00-0139		**Deck Boards** *(06 15 13 00-0137)* See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.		
06 15 13 00-0140	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards	1.79	0.76
06 15 13 00-0141	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	1.99	0.89
06 15 13 00-0142	LF	2" x 4" Round Edge Pressure Treated Deck Boards	1.91	0.89
06 15 13 00-0143	LF	2" x 6" Round Edge Pressure Treated Deck Boards	2.48	1.03
06 15 13 00-0144	LF	2" x 8" Round Edge Pressure Treated Deck Boards	3.15	1.24
06 15 13 00-0145	LF	2" x 10" Round Edge Pressure Treated Deck Boards	3.85	1.51
06 15 13 00-0146	LF	2" x 12" Round Edge Pressure Treated Deck Boards	4.73	1.78
06 15 13 00-0147	LF	2" x 4" Round Edge Cedar Deck Boards	2.07	0.89
06 15 13 00-0148	LF	2" x 6" Round Edge Cedar Deck Boards	2.61	1.03
06 15 13 00-0149	LF	2" x 4" Round Edge Redwood Deck Boards	2.23	0.89
06 15 13 00-0150	LF	2" x 6" Round Edge Redwood Deck Boards	2.86	1.03
06 15 13 00-0151		**Deck Posts** *(06 15 13 00-0137)* See CSI section 06 11 16 00-0036 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.		
06 15 13 00-0152		**Deck Railing And Pickets** *(06 15 13 00-0137)* See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.		
06 15 13 00-0153	LF	2" x 4" Pressure Treated Deck Railing	1.91	0.89
06 15 13 00-0154	LF	2" x 2" Pressure Treated Deck Railing Picket	1.32	0.69
06 15 13 00-0155	LF	2" x 4" Cedar Deck Railing	2.07	0.89
06 15 13 00-0156	LF	2" x 2" Cedar Deck Railing Picket	1.55	0.69
06 15 13 00-0157	LF	2" x 4" Redwood Deck Railing	2.23	0.89
06 15 13 00-0158	LF	2" x 2" Redwood Deck Railing Picket	1.68	0.69
06 15 13 00-0159		**Wood Ramp Systems** *(06 15 13)* Note: Includes the decking, joists, girders, posts at corners and along ramp, pickets and railing.		
06 15 13 00-0160		**Pressure Treated Wood Ramp System** *(06 15 13 00-0159)*		
06 15 13 00-0161		**2" x 6" Joists, Pressure Treated Wood Ramp System** *(06 15 13 00-0160)*		
06 15 13 00-0162	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	35.43	5.95
06 15 13 00-0163	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	34.11	5.66
06 15 13 00-0164	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	36.63	6.10
06 15 13 00-0165	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	35.31	5.80
06 15 13 00-0166		**2" x 8" Joists, Pressure Treated Wood Ramp System** *(06 15 13 00-0160)*		
06 15 13 00-0167	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	36.52	6.10
06 15 13 00-0168	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	35.18	5.80
06 15 13 00-0169	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	37.78	6.26
06 15 13 00-0170	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	36.43	5.95
06 15 13 00-0171		**2" x 10" Joists, Pressure Treated Wood Ramp System** *(06 15 13 00-0160)*		
06 15 13 00-0172	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	37.65	6.25
06 15 13 00-0173	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	36.29	5.95
06 15 13 00-0174	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	38.95	6.42
06 15 13 00-0175	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	37.56	6.09
06 15 13 00-0176		**Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0159)*		
06 15 13 00-0177		**2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0176)*		
06 15 13 00-0178	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	37.11	5.95
06 15 13 00-0179	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	35.87	5.66
06 15 13 00-0180	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	38.74	6.10
06 15 13 00-0181	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	37.29	5.80
06 15 13 00-0182		**2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0176)*		
06 15 13 00-0183	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	38.31	6.10
06 15 13 00-0184	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	37.05	5.80
06 15 13 00-0185	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	40.02	6.26
06 15 13 00-0186	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	38.54	5.95
06 15 13 00-0187		**2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0176)*		
06 15 13 00-0188	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	40.47	6.25
06 15 13 00-0189	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	39.18	5.95
06 15 13 00-0190	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	42.31	6.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0191	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	41.18	6.09
06 15 13 00-0192		Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0159)*		
06 15 13 00-0193		2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0192)*		
06 15 13 00-0194	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	36.03	5.95
06 15 13 00-0195	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	34.73	5.66
06 15 13 00-0196	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	37.28	6.10
06 15 13 00-0197	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	35.98	5.80
06 15 13 00-0198		2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0192)*		
06 15 13 00-0199	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	37.16	6.10
06 15 13 00-0200	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	35.84	5.80
06 15 13 00-0201	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	38.46	6.26
06 15 13 00-0202	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	37.15	5.95
06 15 13 00-0203		2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0192)*		
06 15 13 00-0204	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	38.34	6.25
06 15 13 00-0205	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	36.99	5.95
06 15 13 00-0206	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	39.68	6.42
06 15 13 00-0207	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	38.33	6.09

06 16 Sheathing *(06 10)*

06 16 23 Subflooring *(06 16)*

06 16 23 00-0001		Board Type Subflooring *(06 16 23)*		
06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor Note: 4 Sides Laid In A Regular Pattern.	2.46	0.79
		For Water Resistant Coating Or Treatment, Add	*0.04*	
		For Foil Backing, Add	*0.07*	
		For Tongue And Groove, Add	*0.05*	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor Note: 4 Sides Laid In A Diagonal Pattern.	2.78	0.98
		For Water Resistant Coating Or Treatment, Add	*0.04*	
		For Foil Backing, Add	*0.07*	
		For Tongue And Groove, Add	*0.05*	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor Note: 4 sides laid in a regular pattern.	2.33	0.69
		For Water Resistant Coating Or Treatment, Add	*0.04*	
		For Foil Backing, Add	*0.07*	
		For Tongue And Groove, Add	*0.05*	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor Note: 4 sides laid in a diagonal pattern.	2.56	0.79
		For Water Resistant Coating Or Treatment, Add	*0.04*	
		For Foil Backing, Add	*0.07*	
		For Tongue And Groove, Add	*0.05*	

06 16 33 Wood Board Sheathing *(06 16)*

06 16 33 00-0001		Plywood *(06 16 33)*		
06 16 33 00-0002		Roof Decking *(06 16 33 00-0001)*		
06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	1.59	0.49
		For Shear Wall Construction, Add	*0.23*	
		For Exterior CC Grade Plywood, Add	*0.06*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.23*	
		For ACQ Preservative Treatment, Add	*0.21*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.74*	
		For Fire Retardant Treatment, Add	*0.34*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.11*	
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	1.79	0.59
		For Shear Wall Construction, Add	*0.25*	
		For Exterior CC Grade Plywood, Add	*0.08*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.25*	
		For ACQ Preservative Treatment, Add	*0.25*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.91*	
		For Fire Retardant Treatment, Add	*0.41*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking	2.05	0.59
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.27*	
		For Exterior CC Grade Plywood, Add	*0.10*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.27*	
		For ACQ Preservative Treatment, Add	*0.33*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.04*	
		For Fire Retardant Treatment, Add	*0.55*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.15*	
		For Tongue And Groove, Add	*0.05*	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking	2.27	0.69
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.29*	
		For Exterior CC Grade Plywood, Add	*0.12*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.29*	
		For ACQ Preservative Treatment, Add	*0.38*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.21*	
		For Fire Retardant Treatment, Add	*0.63*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking	2.69	0.79
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.32*	
		For Exterior CC Grade Plywood, Add	*0.16*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.32*	
		For ACQ Preservative Treatment, Add	*0.52*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.40*	
		For Fire Retardant Treatment, Add	*0.86*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.21*	
		For Tongue And Groove, Add	*0.08*	

06 16 33 00-0008 Wall Sheathing *(06 16 33 00-0001)*

06 16 33 00-0009	SF	1/4" Interior BC Plywood Wall Sheathing	1.89	0.69
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.29*	
		For Exterior CC Grade Plywood, Add	*0.06*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.29*	
		For Ceiling Installation, Add	*0.15*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.21*	
		For Fire Retardant Treatment, Add	*0.33*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
06 16 33 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing	1.92	0.69
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.29*	
		For Exterior CC Grade Plywood, Add	*0.07*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.29*	
		For Ceiling Installation, Add	*0.15*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.21*	
		For Fire Retardant Treatment, Add	*0.36*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing	1.96	0.79
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.29*	
		For Exterior CC Grade Plywood, Add	*0.07*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.29*	
		For Ceiling Installation, Add	*0.15*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.21*	
		For Fire Retardant Treatment, Add	*0.39*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing	2.17	0.79
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.31*	
		For Exterior CC Grade Plywood, Add	*0.09*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.31*	
		For Ceiling Installation, Add	*0.16*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.34*	
		For Fire Retardant Treatment, Add	*0.48*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing	2.47	0.88
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.34*	
		For Exterior CC Grade Plywood, Add	*0.12*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.34*	
		For Ceiling Installation, Add	*0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.52*	
		For Fire Retardant Treatment, Add	*0.62*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.18*	
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing	2.71	0.98
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	*0.36*	
		For Exterior CC Grade Plywood, Add	*0.14*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.36*	
		For Ceiling Installation, Add	*0.18*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.72*	
		For Fire Retardant Treatment, Add	*0.71*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.20*	
06 16 33 00-0015		Floor Decking *(06 16 33 00-0001)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0016	SF	5/16" CD Grade Plywood Floor Decking	1.45	0.59
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.65*	
		For Fire Retardant Treatment, Add	*0.28*	
		For >1,696 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.10*	
		For ACQ Preservative Treatment, Add	*0.17*	
		For Fir Plywood, Add	*0.06*	
		For BC Grade Plywood, Add	*0.05*	
		For Exterior Glue, Add	*0.03*	
		For Marine Grade, Add	*0.27*	
06 16 33 00-0017	SF	3/8" CD Grade Plywood Floor Decking	1.52	0.59
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.76*	
		For Fire Retardant Treatment, Add	*0.28*	
		For >1,696 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.10*	
		For ACQ Preservative Treatment, Add	*0.17*	
		For Fir Plywood, Add	*0.06*	
		For BC Grade Plywood, Add	*0.05*	
		For Exterior Glue, Add	*0.03*	
		For Marine Grade, Add	*0.27*	
06 16 33 00-0018	SF	1/2" CD Grade Plywood Floor Decking	1.70	0.59
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.85*	
		For Fire Retardant Treatment, Add	*0.37*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For ACQ Preservative Treatment, Add	*0.23*	
		For Fir Plywood, Add	*0.09*	
		For BC Grade Plywood, Add	*0.07*	
		For Exterior Glue, Add	*0.04*	
		For Marine Grade, Add	*0.37*	
06 16 33 00-0019	SF	5/8" CD Grade Plywood Floor Decking	1.94	0.59
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.01*	
		For Fire Retardant Treatment, Add	*0.47*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	
		For ACQ Preservative Treatment, Add	*0.29*	
		For Fir Plywood, Add	*0.11*	
		For BC Grade Plywood, Add	*0.09*	
		For Exterior Glue, Add	*0.06*	
		For Marine Grade, Add	*0.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0020	SF	3/4" CD Grade Plywood Floor Decking	2.19	0.59
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.13*	
		For Fire Retardant Treatment, Add	*0.61*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.16*	
		For ACQ Preservative Treatment, Add	*0.37*	
		For Fir Plywood, Add	*0.14*	
		For BC Grade Plywood, Add	*0.11*	
		For Exterior Glue, Add	*0.07*	
		For Marine Grade, Add	*0.60*	
06 16 33 00-0021	SF	1-1/8" CD Grade Plywood Floor Decking	3.15	0.88
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.54*	
		For Fire Retardant Treatment, Add	*1.15*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.20*	
		For >12,800, Deduct	*-0.26*	
		For ACQ Preservative Treatment, Add	*0.70*	
		For Fir Plywood, Add	*0.27*	
		For BC Grade Plywood, Add	*0.22*	
		For Exterior Glue, Add	*0.14*	
		For Marine Grade, Add	*1.14*	
06 16 33 00-0022	SF	1/2" AC Fir Plywood Floor Decking	1.98	0.59
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*1.85*	
		For Fire Retardant Treatment, Add	*0.59*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.15*	
		For ACQ Preservative Treatment, Add	*0.36*	
		For Exterior Glue, Add	*0.07*	
		For Marine Grade, Add	*0.59*	
		For Tongue And Groove, Add	*0.05*	
06 16 33 00-0023	SF	5/8" AC Fir Plywood Floor Decking	2.28	0.59
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.01*	
		For Fire Retardant Treatment, Add	*0.74*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.18*	
		For ACQ Preservative Treatment, Add	*0.45*	
		For Exterior Glue, Add	*0.09*	
		For Marine Grade, Add	*0.74*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0024	SF	3/4" AC Fir Plywood Floor Decking	2.43	0.59
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.13*	
		For Fire Retardant Treatment, Add	*0.80*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.19*	
		For ACQ Preservative Treatment, Add	*0.48*	
		For Exterior Glue, Add	*0.09*	
		For Marine Grade, Add	*0.79*	
		For Tongue And Groove, Add	*0.07*	

06 16 33 00-0025 Underlayment Grade *(06 16 33 00-0001)*

Note: Includes patching of seams and all fastener holes where necessary.

06 16 33 00-0026	SF	1/4" Thick Plywood Underlayment BC Grade	1.54	0.59
		For Fire Retardant Treatment, Add	*0.32*	
		For >1,696 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.11*	
06 16 33 00-0027	SF	3/8" Thick Plywood Underlayment BC Grade	1.65	0.59
		For Fire Retardant Treatment, Add	*0.36*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.11*	
06 16 33 00-0028	SF	1/2" Thick Plywood Underlayment BC Grade	1.70	0.69
		For Fire Retardant Treatment, Add	*0.38*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.12*	
06 16 33 00-0029	SF	5/8" Thick Plywood Underlayment BC Grade	1.93	0.69
		For Fire Retardant Treatment, Add	*0.45*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
		For Tongue And Groove, Add	*0.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0030	SF	3/4" Thick Plywood Underlayment BC Grade	2.06	0.69
		For Fire Retardant Treatment, Add	*0.55*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
		For Tongue And Groove, Add	*0.05*	
06 16 33 00-0031	SF	1-1/8" Thick Plywood Underlayment BC Grade	2.58	0.79
		For Fire Retardant Treatment, Add	*0.84*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.20*	
		For Tongue And Groove, Add	*0.07*	
06 16 33 00-0032	SF	3/8" Thick Plywood CDX Grade	1.74	0.59
		For Fire Retardant Treatment, Add	*0.43*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
06 16 33 00-0033	SF	5/8" Thick Plywood CDX Grade	2.16	0.69
		For Fire Retardant Treatment, Add	*0.65*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.17*	

06 16 33 00-0034 Oriented Strand Board *(06 16 33)*

06 16 33 00-0035 On Roof *(06 16 33 00-0034)*

06 16 33 00-0036	SF	3/8" Thick Structural Oriented Strand Board On Roof	1.41	0.59
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.02*	
		For >6,400 To 12,800, Deduct	*-0.06*	
		For >12,800, Deduct	*-0.09*	
		For Fire Retardant Treatment, Add	*0.20*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.74*	
06 16 33 00-0037	SF	1/2" Thick Structural Oriented Strand Board On Roof	1.56	0.59
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.06*	
		For >12,800, Deduct	*-0.10*	
		For Fire Retardant Treatment, Add	*0.23*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.91*	
06 16 33 00-0038	SF	5/8" Thick Structural Oriented Strand Board On Roof	1.78	0.69
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For Fire Retardant Treatment, Add	*0.33*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.04*	
06 16 33 00-0039	SF	3/4" Thick Structural Oriented Strand Board On Roof	2.03	0.69
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.14*	
		For Fire Retardant Treatment, Add	*0.44*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.21*	

06 16 33 00-0040 On Walls *(06 16 33 00-0034)*

06 16 33 00-0041	SF	3/8" Thick Structural Oriented Strand Board On Walls	1.72	0.69
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.02*	
		For >6,400 To 12,800, Deduct	*-0.06*	
		For >12,800, Deduct	*-0.10*	
		For Fire Retardant Treatment, Add	*0.20*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.21*	
06 16 33 00-0042	SF	1/2" Thick Structural Oriented Strand Board On Walls	1.85	0.79
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.11*	
		For Fire Retardant Treatment, Add	*0.23*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.34*	
06 16 33 00-0043	SF	5/8" Thick Structural Oriented Strand Board On Walls	2.10	0.88
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.33*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.52*	
06 16 33 00-0044	SF	3/4" Thick Structural Oriented Strand Board On Walls	2.37	0.88
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
		For Fire Retardant Treatment, Add	*0.44*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0045		On Floors *(06 16 33 00-0034)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0046	SF	3/8" Thick Structural Oriented Strand Board On Floors	1.44	0.59
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.02*	
		For >6,400 To 12,800, Deduct	*-0.06*	
		For >12,800, Deduct	*-0.09*	
		For Fire Retardant Treatment, Add	*0.20*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*1.79*	
06 16 33 00-0047	SF	1/2" Thick Structural Oriented Strand Board On Floors	1.71	0.69
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.11*	
		For Fire Retardant Treatment, Add	*0.23*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.13*	
06 16 33 00-0048	SF	5/8" Thick Structural Oriented Strand Board On Floors	1.96	0.79
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.33*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.31*	
06 16 33 00-0049	SF	3/4" Thick Structural Oriented Strand Board On Floors	2.24	0.88
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
		For Fire Retardant Treatment, Add	*0.44*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.52*	
06 16 33 00-0050		Particle Board *(06 16 33)*		
06 16 33 00-0051		Particle Board Floor Decking *(06 16 33 00-0050)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0052	SF	3/8" Particle Board Floor Decking	1.50	0.49
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.27*	
		For >1,536 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.03*	
		For >6,400 To 12,800, Deduct	*-0.07*	
		For >12,800, Deduct	*-0.10*	
		For Tongue And Groove, Add	*0.02*	
06 16 33 00-0053	SF	1/2" Particle Board Floor Decking	1.69	0.49
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.36*	
		For >1,536 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For Tongue And Groove, Add	*0.03*	
06 16 33 00-0054	SF	5/8" Particle Board Floor Decking	1.87	0.59
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.46*	
		For >1,536 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.13*	
		For Tongue And Groove, Add	*0.04*	
06 16 33 00-0055	SF	3/4" Particle Board Floor Decking	2.04	0.59
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.53*	
		For >1,536 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.15*	
		For Tongue And Groove, Add	*0.05*	
06 16 43		**Gypsum Sheathing** *(06 16)*		
06 16 43 00-0001		Exterior Gypsum Sheathing *(06 16 43)*		
		Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.		
06 16 43 00-0002	SF	1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.35	0.79
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.31*	
		For Ceiling Installation, Add	*0.16*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.17*	
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.34*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 43 00-0003	SF	5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.54	0.98
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.34*	
		For Ceiling Installation, Add	*0.17*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.19*	
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.52*	

06 17 Shop-Fabricated Structural Wood *(06 10)*

06 17 13 Laminated Veneer Lumber *(06 17)*

06 17 13 00-0001 Laminated Veneer Lumber (LVL) *(06 17 13)*

06 17 13 00-0002	LF	1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL)	5.83	1.70
06 17 13 00-0003	LF	1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL)	6.31	1.72
06 17 13 00-0004	LF	1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL)	6.88	1.75
06 17 13 00-0005	LF	1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	7.59	1.78
06 17 13 00-0006	LF	1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL)	8.12	1.81
06 17 13 00-0007	LF	1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL)	8.88	1.87
06 17 13 00-0008	LF	1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL)	9.94	1.90
06 17 13 00-0009	LF	1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL)	13.36	2.16

06 17 23 Parallel Strand Lumber *(06 17)*

06 17 23 00-0001 Laminated Strand Lumber (LSL) *(06 17 23)*

06 17 23 00-0002	LF	2" x 4" Laminated Strand Lumber (LSL)	1.99	0.79
06 17 23 00-0003	LF	2" x 6" Laminated Strand Lumber (LSL)	2.60	0.83

06 17 33 Wood I-Joists *(06 17)*

06 17 33 00-0001 Prefabricated Wood I-Joists *(06 17 33)*

06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	3.53	1.06
		For I-Joists 30' To 40' In Length, Add	*0.46*	
		For I-Joists >40' In Length, Add	*1.13*	
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	3.82	1.17
		For I-Joists 30' To 40' In Length, Add	*0.51*	
		For I-Joists >40' In Length, Add	*1.26*	
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.45	1.32
		For I-Joists 30' To 40' In Length, Add	*0.58*	
		For I-Joists >40' In Length, Add	*1.42*	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.01	1.46
		For I-Joists 30' To 40' In Length, Add	*0.64*	
		For I-Joists >40' In Length, Add	*1.58*	

06 17 43 Rim Boards *(06 17)*

06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board *(06 17 43)*

06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	4.95	1.75
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	5.34	1.78
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	5.79	1.81

06 17 53 Shop-Fabricated Wood Trusses *(06 17)*

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses *(06 17 53)*

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	149.40	61.51
		For Up To 15, Add	*1.98*	
		For >35, Deduct	*-1.32*	
		For 3 In 12 Slope, Add	*0.79*	
		For 5 In 12 Slope, Add	*2.11*	
		For 6 In 12 Slope, Add	*3.96*	
		For 7 In 12 Slope, Add	*5.28*	
		For 8 In 12 Slope, Add	*6.33*	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	165.54	67.36
		For Up To 15, Add	*2.31*	
		For >35, Deduct	*-1.54*	
		For 3 In 12 Slope, Add	*0.92*	
		For 5 In 12 Slope, Add	*2.46*	
		For 6 In 12 Slope, Add	*4.62*	
		For 7 In 12 Slope, Add	*6.16*	
		For 8 In 12 Slope, Add	*7.39*	
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	183.52	73.23
		For Up To 15, Add	*2.78*	
		For >35, Deduct	*-1.85*	
		For 3 In 12 Slope, Add	*1.11*	
		For 5 In 12 Slope, Add	*2.97*	
		For 6 In 12 Slope, Add	*5.56*	
		For 7 In 12 Slope, Add	*7.42*	
		For 8 In 12 Slope, Add	*8.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	206.35	79.08
		For Up To 15, Add	*3.61*	
		For >35, Deduct	*-2.41*	
		For 3 In 12 Slope, Add	*1.45*	
		For 5 In 12 Slope, Add	*3.85*	
		For 6 In 12 Slope, Add	*7.23*	
		For 7 In 12 Slope, Add	*9.64*	
		For 8 In 12 Slope, Add	*11.56*	
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	226.39	84.94
		For Up To 15, Add	*4.24*	
		For >35, Deduct	*-2.83*	
		For 3 In 12 Slope, Add	*1.70*	
		For 5 In 12 Slope, Add	*4.52*	
		For 6 In 12 Slope, Add	*8.48*	
		For 7 In 12 Slope, Add	*11.30*	
		For 8 In 12 Slope, Add	*13.56*	
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	240.21	93.72
		For Up To 15, Add	*3.96*	
		For >35, Deduct	*-2.64*	
		For 3 In 12 Slope, Add	*1.58*	
		For 5 In 12 Slope, Add	*4.22*	
		For 6 In 12 Slope, Add	*7.91*	
		For 7 In 12 Slope, Add	*10.55*	
		For 8 In 12 Slope, Add	*12.66*	
06 17 53 00-0008	EA	22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	253.47	149.37
		For Up To 15, Add	*4.07*	
		For >35, Deduct	*-2.72*	
		For 3 In 12 Slope, Add	*1.63*	
		For 5 In 12 Slope, Add	*4.34*	
		For 6 In 12 Slope, Add	*8.15*	
		For 7 In 12 Slope, Add	*10.86*	
		For 8 In 12 Slope, Add	*13.03*	
06 17 53 00-0009	EA	24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	269.79	105.44
		For Up To 15, Add	*4.42*	
		For >35, Deduct	*-2.95*	
		For 3 In 12 Slope, Add	*1.77*	
		For 5 In 12 Slope, Add	*4.71*	
		For 6 In 12 Slope, Add	*8.84*	
		For 7 In 12 Slope, Add	*11.78*	
		For 8 In 12 Slope, Add	*14.14*	
06 17 53 00-0010	EA	26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	286.60	166.95
		For Up To 15, Add	*4.80*	
		For >35, Deduct	*-3.20*	
		For 3 In 12 Slope, Add	*1.92*	
		For 5 In 12 Slope, Add	*5.12*	
		For 6 In 12 Slope, Add	*9.60*	
		For 7 In 12 Slope, Add	*12.80*	
		For 8 In 12 Slope, Add	*15.36*	
06 17 53 00-0011	EA	28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	304.09	117.16
		For Up To 15, Add	*5.23*	
		For >35, Deduct	*-3.49*	
		For 3 In 12 Slope, Add	*2.09*	
		For 5 In 12 Slope, Add	*5.58*	
		For 6 In 12 Slope, Add	*10.47*	
		For 7 In 12 Slope, Add	*13.95*	
		For 8 In 12 Slope, Add	*16.74*	
06 17 53 00-0012	EA	30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	318.02	184.53
		For Up To 15, Add	*5.40*	
		For >35, Deduct	*-3.60*	
		For 3 In 12 Slope, Add	*2.16*	
		For 5 In 12 Slope, Add	*5.76*	
		For 6 In 12 Slope, Add	*10.80*	
		For 7 In 12 Slope, Add	*14.40*	
		For 8 In 12 Slope, Add	*17.28*	
06 17 53 00-0013	EA	32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	331.07	125.95
		For Up To 15, Add	*5.94*	
		For >35, Deduct	*-3.96*	
		For 3 In 12 Slope, Add	*2.38*	
		For 5 In 12 Slope, Add	*6.33*	
		For 6 In 12 Slope, Add	*11.88*	
		For 7 In 12 Slope, Add	*15.84*	
		For 8 In 12 Slope, Add	*19.00*	
06 17 53 00-0014	EA	34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	358.55	197.77
		For Up To 15, Add	*7.12*	
		For >35, Deduct	*-4.75*	
		For 3 In 12 Slope, Add	*2.85*	
		For 5 In 12 Slope, Add	*7.60*	
		For 6 In 12 Slope, Add	*14.24*	
		For 7 In 12 Slope, Add	*18.99*	
		For 8 In 12 Slope, Add	*22.79*	
06 17 53 00-0015	EA	36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	371.88	134.73
		For Up To 15, Add	*7.68*	
		For >35, Deduct	*-5.12*	
		For 3 In 12 Slope, Add	*3.07*	
		For 5 In 12 Slope, Add	*8.19*	
		For 6 In 12 Slope, Add	*15.36*	
		For 7 In 12 Slope, Add	*20.48*	
		For 8 In 12 Slope, Add	*24.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0016	EA	38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	390.58	210.89
		For Up To 15, Add	*8.21*	
		For >35, Deduct	*-5.47*	
		For 3 In 12 Slope, Add	*3.28*	
		For 5 In 12 Slope, Add	*8.75*	
		For 6 In 12 Slope, Add	*16.41*	
		For 7 In 12 Slope, Add	*21.88*	
		For 8 In 12 Slope, Add	*26.26*	
06 17 53 00-0017	EA	40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	404.65	146.44
		For Up To 15, Add	*8.38*	
		For >35, Deduct	*-5.59*	
		For 3 In 12 Slope, Add	*3.35*	
		For 5 In 12 Slope, Add	*8.94*	
		For 6 In 12 Slope, Add	*16.76*	
		For 7 In 12 Slope, Add	*22.35*	
		For 8 In 12 Slope, Add	*26.82*	
06 17 53 00-0018	EA	42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	439.99	228.46
		For Up To 15, Add	*10.15*	
		For >35, Deduct	*-6.77*	
		For 3 In 12 Slope, Add	*4.06*	
		For 5 In 12 Slope, Add	*10.83*	
		For 6 In 12 Slope, Add	*20.31*	
		For 7 In 12 Slope, Add	*27.08*	
		For 8 In 12 Slope, Add	*32.49*	
06 17 53 00-0019	EA	44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	474.70	158.17
		For Up To 15, Add	*11.88*	
		For >35, Deduct	*-7.92*	
		For 3 In 12 Slope, Add	*4.75*	
		For 5 In 12 Slope, Add	*12.67*	
		For 6 In 12 Slope, Add	*23.76*	
		For 7 In 12 Slope, Add	*31.67*	
		For 8 In 12 Slope, Add	*38.01*	
06 17 53 00-0020	EA	46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	491.51	164.02
		For Up To 15, Add	*12.26*	
		For >35, Deduct	*-8.17*	
		For 3 In 12 Slope, Add	*4.90*	
		For 5 In 12 Slope, Add	*13.08*	
		For 6 In 12 Slope, Add	*24.52*	
		For 7 In 12 Slope, Add	*32.69*	
		For 8 In 12 Slope, Add	*39.23*	
06 17 53 00-0021	EA	48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	514.50	169.88
		For Up To 15, Add	*13.11*	
		For >35, Deduct	*-8.74*	
		For 3 In 12 Slope, Add	*5.24*	
		For 5 In 12 Slope, Add	*13.98*	
		For 6 In 12 Slope, Add	*26.21*	
		For 7 In 12 Slope, Add	*34.95*	
		For 8 In 12 Slope, Add	*41.94*	
06 17 53 00-0022	EA	50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	575.16	175.73
		For Up To 15, Add	*16.78*	
		For >35, Deduct	*-11.18*	
		For 3 In 12 Slope, Add	*6.71*	
		For 5 In 12 Slope, Add	*17.89*	
		For 6 In 12 Slope, Add	*33.55*	
		For 7 In 12 Slope, Add	*44.74*	
		For 8 In 12 Slope, Add	*53.68*	
06 17 53 00-0023	EA	52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	551.54	158.05
		For Up To 15, Add	*15.00*	
		For >35, Deduct	*-10.00*	
		For 3 In 12 Slope, Add	*6.00*	
		For 5 In 12 Slope, Add	*16.00*	
		For 6 In 12 Slope, Add	*30.01*	
		For 7 In 12 Slope, Add	*40.01*	
		For 8 In 12 Slope, Add	*48.01*	
06 17 53 00-0024	EA	54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	578.77	184.53
		For Up To 15, Add	*15.73*	
		For >35, Deduct	*-10.49*	
		For 3 In 12 Slope, Add	*6.29*	
		For 5 In 12 Slope, Add	*16.78*	
		For 6 In 12 Slope, Add	*31.46*	
		For 7 In 12 Slope, Add	*41.94*	
		For 8 In 12 Slope, Add	*50.33*	
06 17 53 00-0025	EA	56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	600.80	171.05
		For Up To 15, Add	*16.50*	
		For >35, Deduct	*-11.00*	
		For 3 In 12 Slope, Add	*6.60*	
		For 5 In 12 Slope, Add	*17.60*	
		For 6 In 12 Slope, Add	*33.00*	
		For 7 In 12 Slope, Add	*44.01*	
		For 8 In 12 Slope, Add	*52.81*	
06 17 53 00-0026	EA	58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	618.86	193.31
		For Up To 15, Add	*17.42*	
		For >35, Deduct	*-11.61*	
		For 3 In 12 Slope, Add	*6.97*	
		For 5 In 12 Slope, Add	*18.58*	
		For 6 In 12 Slope, Add	*34.84*	
		For 7 In 12 Slope, Add	*46.45*	
		For 8 In 12 Slope, Add	*55.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0027	EA	60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	631.01	196.24
		For Up To 15, Add	*17.89*	
		For >35, Deduct	*-11.93*	
		For 3 In 12 Slope, Add	*7.16*	
		For 5 In 12 Slope, Add	*19.08*	
		For 6 In 12 Slope, Add	*35.78*	
		For 7 In 12 Slope, Add	*47.71*	
		For 8 In 12 Slope, Add	*57.25*	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses *(06 17 53)*

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0029	EA	10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	152.76	61.51
		For 3 In 12 Slope, Add	*0.89*	
		For 5 In 12 Slope, Add	*2.38*	
		For 6 In 12 Slope, Add	*4.46*	
		For 7 In 12 Slope, Add	*5.95*	
		For 8 In 12 Slope, Add	*7.14*	
		For 16" On Center Gable Studs, Add	*5.95*	
06 17 53 00-0030	EA	12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	169.46	67.36
		For 3 In 12 Slope, Add	*1.04*	
		For 5 In 12 Slope, Add	*2.78*	
		For 6 In 12 Slope, Add	*5.21*	
		For 7 In 12 Slope, Add	*6.95*	
		For 8 In 12 Slope, Add	*8.34*	
		For 16" On Center Gable Studs, Add	*6.95*	
06 17 53 00-0031	EA	14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	188.23	73.23
		For 3 In 12 Slope, Add	*1.25*	
		For 5 In 12 Slope, Add	*3.34*	
		For 6 In 12 Slope, Add	*6.27*	
		For 7 In 12 Slope, Add	*8.36*	
		For 8 In 12 Slope, Add	*10.03*	
		For 16" On Center Gable Studs, Add	*8.36*	
06 17 53 00-0032	EA	16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	212.48	79.08
		For 3 In 12 Slope, Add	*1.63*	
		For 5 In 12 Slope, Add	*4.34*	
		For 6 In 12 Slope, Add	*8.15*	
		For 7 In 12 Slope, Add	*10.86*	
		For 8 In 12 Slope, Add	*13.03*	
		For 16" On Center Gable Studs, Add	*10.86*	
06 17 53 00-0033	EA	18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	233.57	84.94
		For 3 In 12 Slope, Add	*1.91*	
		For 5 In 12 Slope, Add	*5.10*	
		For 6 In 12 Slope, Add	*9.55*	
		For 7 In 12 Slope, Add	*12.74*	
		For 8 In 12 Slope, Add	*15.29*	
		For 16" On Center Gable Studs, Add	*12.74*	
06 17 53 00-0034	EA	20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	254.47	93.72
		For 3 In 12 Slope, Add	*2.01*	
		For 5 In 12 Slope, Add	*5.36*	
		For 6 In 12 Slope, Add	*10.05*	
		For 7 In 12 Slope, Add	*13.40*	
		For 8 In 12 Slope, Add	*16.08*	
		For 16" On Center Gable Studs, Add	*13.40*	
06 17 53 00-0035	EA	22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	268.14	99.59
		For 3 In 12 Slope, Add	*2.07*	
		For 5 In 12 Slope, Add	*5.52*	
		For 6 In 12 Slope, Add	*10.35*	
		For 7 In 12 Slope, Add	*13.79*	
		For 8 In 12 Slope, Add	*16.55*	
		For 16" On Center Gable Studs, Add	*13.79*	
06 17 53 00-0036	EA	24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	285.70	105.44
		For 3 In 12 Slope, Add	*2.24*	
		For 5 In 12 Slope, Add	*5.98*	
		For 6 In 12 Slope, Add	*11.22*	
		For 7 In 12 Slope, Add	*14.96*	
		For 8 In 12 Slope, Add	*17.95*	
		For 16" On Center Gable Studs, Add	*14.96*	
06 17 53 00-0037	EA	26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	303.89	111.30
		For 3 In 12 Slope, Add	*2.44*	
		For 5 In 12 Slope, Add	*6.50*	
		For 6 In 12 Slope, Add	*12.19*	
		For 7 In 12 Slope, Add	*16.26*	
		For 8 In 12 Slope, Add	*19.51*	
		For 16" On Center Gable Studs, Add	*16.26*	
06 17 53 00-0038	EA	28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	322.94	117.16
		For 3 In 12 Slope, Add	*2.66*	
		For 5 In 12 Slope, Add	*7.09*	
		For 6 In 12 Slope, Add	*13.29*	
		For 7 In 12 Slope, Add	*17.72*	
		For 8 In 12 Slope, Add	*21.27*	
		For 16" On Center Gable Studs, Add	*17.72*	
06 17 53 00-0039	EA	30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	338.24	123.02
		For 3 In 12 Slope, Add	*2.77*	
		For 5 In 12 Slope, Add	*7.38*	
		For 6 In 12 Slope, Add	*13.83*	
		For 7 In 12 Slope, Add	*18.44*	
		For 8 In 12 Slope, Add	*22.13*	
		For 16" On Center Gable Studs, Add	*18.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0040	EA	32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	353.32	125.95
		For 3 In 12 Slope, Add	*3.04*	
		For 5 In 12 Slope, Add	*8.11*	
		For 6 In 12 Slope, Add	*15.21*	
		For 7 In 12 Slope, Add	*20.29*	
		For 8 In 12 Slope, Add	*24.34*	
		For 16" On Center Gable Studs, Add	*20.29*	
06 17 53 00-0041	EA	34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	385.22	131.81
		For 3 In 12 Slope, Add	*3.65*	
		For 5 In 12 Slope, Add	*9.73*	
		For 6 In 12 Slope, Add	*18.24*	
		For 7 In 12 Slope, Add	*24.32*	
		For 8 In 12 Slope, Add	*29.19*	
		For 16" On Center Gable Studs, Add	*24.32*	
06 17 53 00-0042	EA	36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	400.67	134.73
		For 3 In 12 Slope, Add	*3.94*	
		For 5 In 12 Slope, Add	*10.50*	
		For 6 In 12 Slope, Add	*19.68*	
		For 7 In 12 Slope, Add	*26.24*	
		For 8 In 12 Slope, Add	*31.49*	
		For 16" On Center Gable Studs, Add	*26.24*	
06 17 53 00-0043	EA	38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	421.33	140.59
		For 3 In 12 Slope, Add	*4.20*	
		For 5 In 12 Slope, Add	*11.21*	
		For 6 In 12 Slope, Add	*21.02*	
		For 7 In 12 Slope, Add	*28.03*	
		For 8 In 12 Slope, Add	*33.64*	
		For 16" On Center Gable Studs, Add	*28.03*	
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	445.07	146.44
		For 3 In 12 Slope, Add	*4.57*	
		For 5 In 12 Slope, Add	*12.17*	
		For 6 In 12 Slope, Add	*22.83*	
		For 7 In 12 Slope, Add	*30.43*	
		For 8 In 12 Slope, Add	*36.52*	
		For 16" On Center Gable Studs, Add	*30.43*	
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	488.96	152.31
		For 3 In 12 Slope, Add	*5.53*	
		For 5 In 12 Slope, Add	*14.75*	
		For 6 In 12 Slope, Add	*27.65*	
		For 7 In 12 Slope, Add	*36.87*	
		For 8 In 12 Slope, Add	*44.24*	
		For 16" On Center Gable Studs, Add	*36.87*	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	531.98	158.17
		For 3 In 12 Slope, Add	*6.47*	
		For 5 In 12 Slope, Add	*17.25*	
		For 6 In 12 Slope, Add	*32.35*	
		For 7 In 12 Slope, Add	*43.13*	
		For 8 In 12 Slope, Add	*51.76*	
		For 16" On Center Gable Studs, Add	*43.13*	
06 17 53 00-0047	EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	550.64	164.02
		For 3 In 12 Slope, Add	*6.68*	
		For 5 In 12 Slope, Add	*17.81*	
		For 6 In 12 Slope, Add	*33.39*	
		For 7 In 12 Slope, Add	*44.52*	
		For 8 In 12 Slope, Add	*53.42*	
		For 16" On Center Gable Studs, Add	*44.52*	
06 17 53 00-0048	EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	577.70	169.88
		For 3 In 12 Slope, Add	*7.14*	
		For 5 In 12 Slope, Add	*19.04*	
		For 6 In 12 Slope, Add	*35.69*	
		For 7 In 12 Slope, Add	*47.59*	
		For 8 In 12 Slope, Add	*57.11*	
		For 16" On Center Gable Studs, Add	*47.59*	
06 17 53 00-0049	EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	624.51	175.73
		For 3 In 12 Slope, Add	*8.19*	
		For 5 In 12 Slope, Add	*21.84*	
		For 6 In 12 Slope, Add	*40.95*	
		For 7 In 12 Slope, Add	*54.61*	
		For 8 In 12 Slope, Add	*65.53*	
		For 16" On Center Gable Studs, Add	*54.61*	
06 17 53 00-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	639.86	181.60
		For 3 In 12 Slope, Add	*8.30*	
		For 5 In 12 Slope, Add	*22.13*	
		For 6 In 12 Slope, Add	*41.50*	
		For 7 In 12 Slope, Add	*55.33*	
		For 8 In 12 Slope, Add	*66.40*	
		For 16" On Center Gable Studs, Add	*55.33*	
06 17 53 00-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	659.09	184.53
		For 3 In 12 Slope, Add	*8.70*	
		For 5 In 12 Slope, Add	*23.20*	
		For 6 In 12 Slope, Add	*43.51*	
		For 7 In 12 Slope, Add	*58.01*	
		For 8 In 12 Slope, Add	*69.61*	
		For 16" On Center Gable Studs, Add	*58.01*	
06 17 53 00-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	685.06	190.38
		For 3 In 12 Slope, Add	*9.13*	
		For 5 In 12 Slope, Add	*24.34*	
		For 6 In 12 Slope, Add	*45.64*	
		For 7 In 12 Slope, Add	*60.86*	
		For 8 In 12 Slope, Add	*73.03*	
		For 16" On Center Gable Studs, Add	*60.86*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	707.80	193.31
		For 3 In 12 Slope, Add	*9.64*	
		For 5 In 12 Slope, Add	*25.69*	
		For 6 In 12 Slope, Add	*48.18*	
		For 7 In 12 Slope, Add	*64.24*	
		For 8 In 12 Slope, Add	*77.08*	
		For 16" On Center Gable Studs, Add	*64.24*	
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	722.37	196.24
		For 3 In 12 Slope, Add	*9.90*	
		For 5 In 12 Slope, Add	*26.39*	
		For 6 In 12 Slope, Add	*49.48*	
		For 7 In 12 Slope, Add	*65.98*	
		For 8 In 12 Slope, Add	*79.17*	
		For 16" On Center Gable Studs, Add	*65.98*	

06 18 Glued-Laminated Construction *(06 10)*

06 18 13 Glued-Laminated Beams *(06 18)*

06 18 13 00-0001 Glue Laminated Straight Beams *(06 18 13)*

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	7.26	2.57
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	9.07	3.22
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	10.88	3.86
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	11.49	4.07
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	12.70	4.50
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	14.51	5.14
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	16.33	5.78
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	16.92	6.00
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	18.14	6.43
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	19.35	6.86
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	19.95	7.08
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	21.76	7.72
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	23.57	8.37
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	25.38	9.01
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	27.21	9.65
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	11.40	4.05
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	14.25	5.06
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	17.10	6.06
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	18.05	6.41
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	19.95	7.08
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	22.80	8.08
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	25.66	9.10
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	26.61	9.43
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	28.50	10.11
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	30.40	10.78
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	31.35	11.12
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	34.20	12.13
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	37.06	13.14
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	39.90	14.15
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	42.75	15.17
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	45.60	16.17
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	21.00	7.44
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	22.15	7.86
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	24.48	8.69
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	27.99	9.92
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	31.49	11.17
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	32.64	11.58
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	34.97	12.41
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	37.31	13.22
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	38.47	13.64
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	41.97	14.89
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	45.47	16.13
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	48.97	17.36
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	52.47	18.61
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	55.96	19.86
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	27.21	9.65
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	28.71	10.18
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	31.74	11.26
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	36.27	12.86
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	40.80	14.47
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	42.31	15.01
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	45.34	16.08
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	48.35	17.16
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	49.88	17.69
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	54.41	19.29
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	58.95	20.90
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	63.47	22.51
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	68.02	24.12
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	72.54	25.73

06 18 13 00-0061 Glue Laminated Decking *(06 18 13)*

06 18 13 00-0062	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking	3.79	1.68
06 18 13 00-0063	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking	3.93	1.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 13 00-0064	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking	4.07	1.59

06 18 16 Glued-Laminated Columns *(06 18)*

06 18 16 00-0001 Glue Laminated Structural Units *(06 18 16)*

Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.

06 18 16 00-0002	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	10.77	3.43
06 18 16 00-0003	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	12.13	3.82
06 18 16 00-0004	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	23.15	8.16
06 18 16 00-0005	LF	5-1/4" x 13" Glue Laminated Purlin Or Column	25.30	8.54

06 20 Finish Carpentry *(06)*

06 22 Millwork *(06 20)*

06 22 13 Standard Pattern Wood Trim *(06 22)*

06 22 13 00-0001 Pine Moldings (All Dimensions Are Nominal) *(06 22 13)*

06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip	2.56	0.97
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip	2.67	0.78
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip	3.31	0.78
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip	3.69	0.78
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	

06 22 13 00-0006 Ceilings (All Dimensions Are Nominal) *(06 22 13)*

06 22 13 00-0007 White Pine *(06 22 13 00-0006)*

06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	11.57	3.41
		For Birch, Add	*2.41*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.50*	
		For Poplar, Add	*1.34*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
		For Stain Grade Material (No Finger Joints), Add	*0.87*	
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding	15.41	4.09
		For Birch, Add	*3.44*	
		For Mahogany, Oak, Maple Or Walnut, Add	*4.89*	
		For Poplar, Add	*1.91*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
		For Stain Grade Material (No Finger Joints), Add	*1.24*	
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	5.89	2.34
		For Birch, Add	*0.72*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.29*	
		For Poplar, Add	*0.40*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
		For Stain Grade Material (No Finger Joints), Add	*0.26*	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	6.62	2.34
		For Birch, Add	*0.98*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.61*	
		For Poplar, Add	*0.54*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
		For Stain Grade Material (No Finger Joints), Add	*0.35*	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	8.64	2.93
		For Birch, Add	*1.36*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.18*	
		For Poplar, Add	*0.75*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
		For Stain Grade Material (No Finger Joints), Add	*0.49*	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	9.84	2.93
		For Birch, Add	*1.79*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.72*	
		For Poplar, Add	*0.99*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
		For Stain Grade Material (No Finger Joints), Add	*0.65*	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	12.20	3.51
		For Birch, Add	*2.29*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.44*	
		For Poplar, Add	*1.27*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.35*	
		For Stain Grade Material (No Finger Joints), Add	*0.83*	
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	6.08	2.73
		For Birch, Add	*0.78*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.37*	
		For Poplar, Add	*0.44*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
		For Stain Grade Material (No Finger Joints), Add	*0.28*	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	5.08	2.05
		For Birch, Add	*0.77*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.26*	
		For Poplar, Add	*0.43*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.67*	
		For Stain Grade Material (No Finger Joints), Add	*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	7.37	2.05
		For Birch, Add	*1.60*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.29*	
		For Poplar, Add	*0.89*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.67*	
		For Stain Grade Material (No Finger Joints), Add	*0.58*	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	3.05	1.17
		For Birch, Add	*0.37*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.66*	
		For Poplar, Add	*0.20*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.47*	
		For Stain Grade Material (No Finger Joints), Add	*0.13*	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	3.30	1.17
		For Birch, Add	*0.46*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.77*	
		For Poplar, Add	*0.25*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.47*	
		For Stain Grade Material (No Finger Joints), Add	*0.17*	
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	4.35	1.46
		For Birch, Add	*0.69*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.11*	
		For Poplar, Add	*0.38*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.56*	
		For Stain Grade Material (No Finger Joints), Add	*0.25*	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	4.35	1.46
		For Birch, Add	*0.69*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.11*	
		For Poplar, Add	*0.38*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.56*	
		For Stain Grade Material (No Finger Joints), Add	*0.25*	
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	5.51	1.46
		For Birch, Add	*1.11*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.63*	
		For Poplar, Add	*0.62*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.56*	
		For Stain Grade Material (No Finger Joints), Add	*0.40*	
06 22 13 00-0023	LF	7-1/2" Wide Mullion Covers	33.74	1.76
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 22 13 00-0024	LF	Three Piece Mullion Trim, 2 Cove Moldings	42.56	1.76
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	

06 22 13 00-0025 Cedar Trim *(06 22 13 00-0006)*

06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim	10.35	4.91
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.63*	

06 22 13 00-0027 Oak Trim *(06 22 13 00-0006)*

06 22 13 00-0028	LF	1" x 8" Clear Oak Ceiling Trim	10.62	4.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.51*	

06 22 13 00-0029 Closet Poles *(06 22 13)*

06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles	7.53	2.53
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles	10.65	2.53
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles	14.19	2.82

06 25 Prefinished Paneling *(06 20)*

06 25 16 Prefinished Plywood Paneling *(06 25)*

06 25 16 00-0001 Hardboard Panels *(06 25 16)*

Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0003	SF	1/4" Tempered Hardboard Panels	4.79	1.77
		For Waterproof Glue, Add	*0.05*	
		For Ceiling Installation, Add	*1.21*	
		For Glue Laminated Installation, Add	*0.24*	
		For 1/8" Thick Paneling, Deduct	*-0.41*	
		For 1/2" Thick Paneling, Add	*0.90*	
		For 5/8" Thick Paneling, Add	*1.06*	
		For 3/4" Thick Paneling, Add	*1.27*	
		For Fire Retardant Treatment (Class I), Add	*0.61*	
06 25 16 00-0004	SF	1/4" Plastic Faced Tempered Hardboard Panels	5.41	2.16
		For Waterproof Glue, Add	*0.05*	
		For Ceiling Installation, Add	*1.41*	
		For Glue Laminated Installation, Add	*0.27*	
		For 1/8" Thick Paneling, Deduct	*-0.45*	
		For 1/2" Thick Paneling, Add	*0.94*	
		For 5/8" Thick Paneling, Add	*1.09*	
		For 3/4" Thick Paneling, Add	*1.28*	
		For Fire Retardant Treatment (Class I), Add	*0.55*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0005	SF	1/4" Pegboard Tempered Hardboard Panels	5.31	1.77
		For Waterproof Glue, Add	*0.09*	
		For Ceiling Installation, Add	*1.21*	
		For Glue Laminated Installation, Add	*0.27*	
		For 1/8" Thick Paneling, Deduct	*-0.50*	
		For 1/2" Thick Paneling, Add	*1.18*	
		For 5/8" Thick Paneling, Add	*1.45*	
		For 3/4" Thick Paneling, Add	*1.80*	
		For Fire Retardant Treatment (Class I), Add	*1.02*	
06 25 16 00-0006	SF	1/4" Plastic Faced Pegboard Tempered Hardboard	5.57	2.16
		For Waterproof Glue, Add	*0.06*	
		For Ceiling Installation, Add	*1.41*	
		For Glue Laminated Installation, Add	*0.28*	
		For 1/8" Thick Paneling, Deduct	*-0.47*	
		For 1/2" Thick Paneling, Add	*1.03*	
		For 5/8" Thick Paneling, Add	*1.21*	
		For 3/4" Thick Paneling, Add	*1.44*	
		For Fire Retardant Treatment (Class I), Add	*0.68*	

06 25 16 00-0007 Untempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0008	SF	1/4" Untempered Hardboard Panels	4.62	1.77
		For Waterproof Glue, Add	*0.04*	
		For Glue Laminated Installation, Add	*0.23*	
		For Lumber Core, Add	*0.07*	
		For Fire Retardant Treatment (Class I), Add	*0.47*	

06 40 Architectural Woodwork *(06)*

06 41 Architectural Wood Casework *(06 40)*

06 41 13 Wood-Veneer-Faced Architectural Cabinets *(06 41)*

Note: NNote: Cabinets Include Hinges, Mounting Hardware And Door Pulls. Refer To WIC For Grade Listing. Basic Is Custom.

06 41 13 00-0001 Residential Housing Cabinetwork *(06 41 13)*

Note: Include hinges, mounting hardware and door pulls. Economy grade: Stock-grade cabinets with flush-face doors. Doors made from veneered particleboard. Standard grade: Stock-grade cabinets with raised panel or cathedral doors. Interior panel may be plywood. Lower grade plastic-laminate face cabinets. High grade: Semi-custom cabinets with raised panel or cathedral doors. Higher grade: Same as High Grade but with plastic-laminate face and foil-face face cabinets. Deluxe grade: Semi-custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, glass doors, or foil-face. Materials include cherry, pecan, and Shaker-style maple or pine. Custom grade: Custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, mullion or leaded glass doors. Materials include cherry, pecan, and Shaker-style maple or pine. Custom deluxe grade: Same as Custom Grade, may have some curved wood cabinets and more custom features.

06 41 13 00-0002	EA	9" x 30" Wall Cabinet	184.16	26.81
		For Plastic Laminate On Particle Board, Deduct	*-45.69*	
		For Economy Grade, Deduct	*-26.11*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.05*	
		For High Grade, Add	*13.05*	
		For Higher Grade, Add	*26.11*	
		For Deluxe Grade, Add	*52.22*	
		For Custom Deluxe Grade, Add	*57.58*	
		For Custom Built In Place, Add	*38.00*	
06 41 13 00-0003	EA	12" x 30" Wall Cabinet	193.49	26.81
		For Plastic Laminate On Particle Board, Deduct	*-48.95*	
		For Economy Grade, Deduct	*-27.97*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.99*	
		For High Grade, Add	*13.99*	
		For Higher Grade, Add	*27.97*	
		For Deluxe Grade, Add	*55.95*	
		For Custom Deluxe Grade, Add	*61.31*	
		For Custom Built In Place, Add	*40.33*	
06 41 13 00-0004	EA	15" x 30" Wall Cabinet	205.14	26.81
		For Plastic Laminate On Particle Board, Deduct	*-53.03*	
		For Economy Grade, Deduct	*-30.30*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.15*	
		For High Grade, Add	*15.15*	
		For Higher Grade, Add	*30.30*	
		For Deluxe Grade, Add	*60.61*	
		For Custom Deluxe Grade, Add	*65.97*	
		For Custom Built In Place, Add	*43.24*	
06 41 13 00-0005	EA	18" x 30" Wall Cabinet	216.80	26.81
		For Plastic Laminate On Particle Board, Deduct	*-57.11*	
		For Economy Grade, Deduct	*-32.64*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.32*	
		For High Grade, Add	*16.32*	
		For Higher Grade, Add	*32.64*	
		For Deluxe Grade, Add	*65.27*	
		For Custom Deluxe Grade, Add	*70.63*	
		For Custom Built In Place, Add	*46.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0006	EA	21" x 30" Wall Cabinet	232.95	30.23
		For Plastic Laminate On Particle Board, Deduct	*-60.38*	
		For Economy Grade, Deduct	*-34.50*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.25*	
		For High Grade, Add	*17.25*	
		For Higher Grade, Add	*34.50*	
		For Deluxe Grade, Add	*69.00*	
		For Custom Deluxe Grade, Add	*75.05*	
		For Custom Built In Place, Add	*49.17*	
06 41 13 00-0007	EA	24" x 30" Wall Cabinet	246.94	30.23
		For Plastic Laminate On Particle Board, Deduct	*-65.27*	
		For Economy Grade, Deduct	*-37.30*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.65*	
		For High Grade, Add	*18.65*	
		For Higher Grade, Add	*37.30*	
		For Deluxe Grade, Add	*74.60*	
		For Custom Deluxe Grade, Add	*80.64*	
		For Custom Built In Place, Add	*52.67*	
06 41 13 00-0008	EA	24" x 30" Wall Cabinet, 2 Doors	258.60	30.23
		For Plastic Laminate On Particle Board, Deduct	*-69.35*	
		For Economy Grade, Deduct	*-39.63*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.82*	
		For High Grade, Add	*19.82*	
		For Higher Grade, Add	*39.63*	
		For Deluxe Grade, Add	*79.26*	
		For Custom Deluxe Grade, Add	*85.31*	
		For Custom Built In Place, Add	*55.58*	
06 41 13 00-0009	EA	27" x 30" Wall Cabinet	270.25	30.23
		For Plastic Laminate On Particle Board, Deduct	*-73.43*	
		For Economy Grade, Deduct	*-41.96*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.98*	
		For High Grade, Add	*20.98*	
		For Higher Grade, Add	*41.96*	
		For Deluxe Grade, Add	*83.92*	
		For Custom Deluxe Grade, Add	*89.97*	
		For Custom Built In Place, Add	*58.50*	
06 41 13 00-0010	EA	30" x 30" Wall Cabinet	297.66	34.61
		For Plastic Laminate On Particle Board, Deduct	*-79.96*	
		For Economy Grade, Deduct	*-45.69*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.85*	
		For High Grade, Add	*22.85*	
		For Higher Grade, Add	*45.69*	
		For Deluxe Grade, Add	*91.38*	
		For Custom Deluxe Grade, Add	*98.30*	
		For Custom Built In Place, Add	*64.03*	
06 41 13 00-0011	EA	33" x 30" Wall Cabinet	317.53	37.53
		For Plastic Laminate On Particle Board, Deduct	*-84.85*	
		For Economy Grade, Deduct	*-48.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.24*	
		For High Grade, Add	*24.24*	
		For Higher Grade, Add	*48.49*	
		For Deluxe Grade, Add	*96.98*	
		For Custom Deluxe Grade, Add	*104.49*	
		For Custom Built In Place, Add	*68.12*	
06 41 13 00-0012	EA	36" x 30" Wall Cabinet	328.42	39.48
		For Plastic Laminate On Particle Board, Deduct	*-87.30*	
		For Economy Grade, Deduct	*-49.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.94*	
		For High Grade, Add	*24.94*	
		For Higher Grade, Add	*49.89*	
		For Deluxe Grade, Add	*99.77*	
		For Custom Deluxe Grade, Add	*107.67*	
		For Custom Built In Place, Add	*70.26*	
06 41 13 00-0013	EA	39" x 30" Wall Cabinet	348.59	41.43
		For Plastic Laminate On Particle Board, Deduct	*-93.01*	
		For Economy Grade, Deduct	*-53.15*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.58*	
		For High Grade, Add	*26.58*	
		For Higher Grade, Add	*53.15*	
		For Deluxe Grade, Add	*106.30*	
		For Custom Deluxe Grade, Add	*114.58*	
		For Custom Built In Place, Add	*74.72*	
06 41 13 00-0014	EA	42" x 30" Wall Cabinet	362.58	41.43
		For Plastic Laminate On Particle Board, Deduct	*-97.91*	
		For Economy Grade, Deduct	*-55.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.97*	
		For High Grade, Add	*27.97*	
		For Higher Grade, Add	*55.95*	
		For Deluxe Grade, Add	*111.90*	
		For Custom Deluxe Grade, Add	*120.18*	
		For Custom Built In Place, Add	*78.22*	
06 41 13 00-0015	EA	45" x 30" Wall Cabinet	382.41	44.36
		For Plastic Laminate On Particle Board, Deduct	*-102.80*	
		For Economy Grade, Deduct	*-58.74*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.37*	
		For High Grade, Add	*29.37*	
		For Higher Grade, Add	*58.74*	
		For Deluxe Grade, Add	*117.49*	
		For Custom Deluxe Grade, Add	*126.36*	
		For Custom Built In Place, Add	*82.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0016	EA	48" x 30" Wall Cabinet	396.40	44.36
		For Plastic Laminate On Particle Board, Deduct	*-107.70*	
		For Economy Grade, Deduct	*-61.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.77*	
		For High Grade, Add	*30.77*	
		For Higher Grade, Add	*61.54*	
		For Deluxe Grade, Add	*123.08*	
		For Custom Deluxe Grade, Add	*131.95*	
		For Custom Built In Place, Add	*85.80*	
06 41 13 00-0017	EA	24" x 30" Blind Corner Wall Cabinet	246.91	30.23
		For Plastic Laminate On Particle Board, Deduct	*-65.27*	
		For Economy Grade, Deduct	*-37.30*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.65*	
		For High Grade, Add	*18.65*	
		For Higher Grade, Add	*37.30*	
		For Deluxe Grade, Add	*74.60*	
		For Custom Deluxe Grade, Add	*80.64*	
		For Custom Built In Place, Add	*52.66*	
06 41 13 00-0018	EA	24" x 30" Blind Corner Wall Cabinet	270.22	30.23
		For Plastic Laminate On Particle Board, Deduct	*-73.43*	
		For Economy Grade, Deduct	*-41.96*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.98*	
		For High Grade, Add	*20.98*	
		For Higher Grade, Add	*41.96*	
		For Deluxe Grade, Add	*83.92*	
		For Custom Deluxe Grade, Add	*89.96*	
		For Custom Built In Place, Add	*58.49*	
06 41 13 00-0019	EA	30" x 30" Blind Corner Wall Cabinet	297.66	34.61
		For Plastic Laminate On Particle Board, Deduct	*-79.96*	
		For Economy Grade, Deduct	*-45.69*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.85*	
		For High Grade, Add	*22.85*	
		For Higher Grade, Add	*45.69*	
		For Deluxe Grade, Add	*91.38*	
		For Custom Deluxe Grade, Add	*98.30*	
		For Custom Built In Place, Add	*64.03*	
06 41 13 00-0020	EA	33" x 30" Blind Corner Wall Cabinet	317.48	37.53
		For Plastic Laminate On Particle Board, Deduct	*-84.85*	
		For Economy Grade, Deduct	*-48.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.24*	
		For High Grade, Add	*24.24*	
		For Higher Grade, Add	*48.49*	
		For Deluxe Grade, Add	*96.98*	
		For Custom Deluxe Grade, Add	*104.48*	
		For Custom Built In Place, Add	*68.11*	
06 41 13 00-0021	EA	36" x 30" Blind Corner Wall Cabinet	328.35	39.48
		For Plastic Laminate On Particle Board, Deduct	*-87.30*	
		For Economy Grade, Deduct	*-49.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.94*	
		For High Grade, Add	*24.94*	
		For Higher Grade, Add	*49.89*	
		For Deluxe Grade, Add	*99.77*	
		For Custom Deluxe Grade, Add	*107.66*	
		For Custom Built In Place, Add	*70.25*	
06 41 13 00-0022	EA	42" x 30" Blind Corner Wall Cabinet	362.58	41.43
		For Plastic Laminate On Particle Board, Deduct	*-97.91*	
		For Economy Grade, Deduct	*-55.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.97*	
		For High Grade, Add	*27.97*	
		For Higher Grade, Add	*55.95*	
		For Deluxe Grade, Add	*111.90*	
		For Custom Deluxe Grade, Add	*120.18*	
		For Custom Built In Place, Add	*78.22*	
06 41 13 00-0023	EA	48" x 30" Blind Corner Wall Cabinet	396.40	44.36
		For Plastic Laminate On Particle Board, Deduct	*-107.70*	
		For Economy Grade, Deduct	*-61.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.77*	
		For High Grade, Add	*30.77*	
		For Higher Grade, Add	*61.54*	
		For Deluxe Grade, Add	*123.08*	
		For Custom Deluxe Grade, Add	*131.95*	
		For Custom Built In Place, Add	*85.80*	
06 41 13 00-0024	EA	30" x 34-1/2" Microwave Cabinet	417.72	37.53
		For Plastic Laminate On Particle Board, Deduct	*-119.94*	
		For Economy Grade, Deduct	*-68.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.27*	
		For High Grade, Add	*34.27*	
		For Higher Grade, Add	*68.54*	
		For Deluxe Grade, Add	*137.07*	
		For Custom Deluxe Grade, Add	*144.58*	
		For Custom Built In Place, Add	*93.17*	
06 41 13 00-0025	EA	30" x 46-1/2" Microwave Cabinet	550.25	44.36
		For Plastic Laminate On Particle Board, Deduct	*-161.55*	
		For Economy Grade, Deduct	*-92.31*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-46.16*	
		For High Grade, Add	*46.16*	
		For Higher Grade, Add	*92.31*	
		For Deluxe Grade, Add	*184.62*	
		For Custom Deluxe Grade, Add	*193.49*	
		For Custom Built In Place, Add	*124.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0026	EA	30" x 12" x 34-1/2" Microwave Cabinet	411.89	34.61
		For Plastic Laminate On Particle Board, Deduct	*-119.94*	
		For Economy Grade, Deduct	*-68.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.27*	
		For High Grade, Add	*34.27*	
		For Higher Grade, Add	*68.54*	
		For Deluxe Grade, Add	*137.07*	
		For Custom Deluxe Grade, Add	*143.99*	
		For Custom Built In Place, Add	*92.59*	
06 41 13 00-0027	EA	30" x 12" x 46-1/2" Microwave Cabinet	550.25	44.36
		For Plastic Laminate On Particle Board, Deduct	*-161.55*	
		For Economy Grade, Deduct	*-92.31*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-46.16*	
		For High Grade, Add	*46.16*	
		For Higher Grade, Add	*92.31*	
		For Deluxe Grade, Add	*184.62*	
		For Custom Deluxe Grade, Add	*193.49*	
		For Custom Built In Place, Add	*124.26*	
06 41 13 00-0028	EA	30" x 21" Microwave Cabinet	293.53	30.23
		For Plastic Laminate On Particle Board, Deduct	*-81.59*	
		For Economy Grade, Deduct	*-46.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.31*	
		For High Grade, Add	*23.31*	
		For Higher Grade, Add	*46.62*	
		For Deluxe Grade, Add	*93.24*	
		For Custom Deluxe Grade, Add	*99.29*	
		For Custom Built In Place, Add	*64.32*	
06 41 13 00-0029	EA	30" x 30" Washer / Dryer Cabinet	297.66	34.61
		For Plastic Laminate On Particle Board, Deduct	*-79.96*	
		For Economy Grade, Deduct	*-45.69*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.85*	
		For High Grade, Add	*22.85*	
		For Higher Grade, Add	*45.69*	
		For Deluxe Grade, Add	*91.38*	
		For Custom Deluxe Grade, Add	*98.30*	
		For Custom Built In Place, Add	*64.03*	
06 41 13 00-0030	EA	24" x 24" x 48" Diagonal Corner Cabinet	595.73	41.43
		For Plastic Laminate On Particle Board, Deduct	*-179.50*	
		For Economy Grade, Deduct	*-102.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-51.29*	
		For High Grade, Add	*51.29*	
		For Higher Grade, Add	*102.57*	
		For Deluxe Grade, Add	*205.14*	
		For Custom Deluxe Grade, Add	*213.43*	
		For Custom Built In Place, Add	*136.50*	
06 41 13 00-0031	EA	24" x 24" x 48" Diagonal Corner Cabinet (RS)	363.45	41.43
		For Plastic Laminate On Particle Board, Deduct	*-98.20*	
		For Economy Grade, Deduct	*-56.11*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.06*	
		For High Grade, Add	*28.06*	
		For Higher Grade, Add	*56.11*	
		For Deluxe Grade, Add	*112.23*	
		For Custom Deluxe Grade, Add	*120.52*	
		For Custom Built In Place, Add	*78.43*	
06 41 13 00-0032	EA	24" x 24" x 60" Diagonal Corner Cabinet	704.15	44.36
		For Plastic Laminate On Particle Board, Deduct	*-215.40*	
		For Economy Grade, Deduct	*-123.08*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-61.54*	
		For High Grade, Add	*61.54*	
		For Higher Grade, Add	*123.08*	
		For Deluxe Grade, Add	*246.17*	
		For Custom Deluxe Grade, Add	*255.04*	
		For Custom Built In Place, Add	*162.73*	
06 41 13 00-0033	EA	24" x 24" x 60" Diagonal Corner Cabinet (RS)	797.40	44.36
		For Plastic Laminate On Particle Board, Deduct	*-248.03*	
		For Economy Grade, Deduct	*-141.73*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-70.87*	
		For High Grade, Add	*70.87*	
		For Higher Grade, Add	*141.73*	
		For Deluxe Grade, Add	*283.47*	
		For Custom Deluxe Grade, Add	*292.34*	
		For Custom Built In Place, Add	*186.04*	
06 41 13 00-0034	EA	24" x 24" x 30" Diagonal Corner Wall Cabinet	348.93	34.61
		For Plastic Laminate On Particle Board, Deduct	*-97.91*	
		For Economy Grade, Deduct	*-55.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.97*	
		For High Grade, Add	*27.97*	
		For Higher Grade, Add	*55.95*	
		For Deluxe Grade, Add	*111.90*	
		For Custom Deluxe Grade, Add	*118.82*	
		For Custom Built In Place, Add	*76.85*	
06 41 13 00-0035	EA	24" x 24" x 30" Diagonal Corner Wall Cabinet (RS)	442.17	34.61
		For Plastic Laminate On Particle Board, Deduct	*-130.54*	
		For Economy Grade, Deduct	*-74.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.30*	
		For High Grade, Add	*37.30*	
		For Higher Grade, Add	*74.60*	
		For Deluxe Grade, Add	*149.19*	
		For Custom Deluxe Grade, Add	*156.11*	
		For Custom Built In Place, Add	*100.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0036	EA	24" x 24" x 42" Diagonal Corner Wall Cabinet	404.87	34.61
		For Plastic Laminate On Particle Board, Deduct	*-117.49*	
		For Economy Grade, Deduct	*-67.14*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.57*	
		For High Grade, Add	*33.57*	
		For Higher Grade, Add	*67.14*	
		For Deluxe Grade, Add	*134.27*	
		For Custom Deluxe Grade, Add	*141.19*	
		For Custom Built In Place, Add	*90.84*	
06 41 13 00-0037	EA	24" x 24" x 42" Diagonal Corner Wall Cabinet (RS)	516.77	34.61
		For Plastic Laminate On Particle Board, Deduct	*-156.65*	
		For Economy Grade, Deduct	*-89.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-44.76*	
		For High Grade, Add	*44.76*	
		For Higher Grade, Add	*89.52*	
		For Deluxe Grade, Add	*179.03*	
		For Custom Deluxe Grade, Add	*185.95*	
		For Custom Built In Place, Add	*118.81*	
06 41 13 00-0038	EA	18" x 12" Wall Cabinet	142.19	26.81
		For Plastic Laminate On Particle Board, Deduct	*-31.00*	
		For Economy Grade, Deduct	*-17.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.86*	
		For High Grade, Add	*8.86*	
		For Higher Grade, Add	*17.72*	
		For Deluxe Grade, Add	*35.43*	
		For Custom Deluxe Grade, Add	*40.79*	
		For Custom Built In Place, Add	*27.51*	
06 41 13 00-0039	EA	24" x 12" Wall Cabinet	190.97	30.23
		For Plastic Laminate On Particle Board, Deduct	*-45.69*	
		For Economy Grade, Deduct	*-26.11*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.05*	
		For High Grade, Add	*13.05*	
		For Higher Grade, Add	*26.11*	
		For Deluxe Grade, Add	*52.22*	
		For Custom Deluxe Grade, Add	*58.26*	
		For Custom Built In Place, Add	*38.68*	
06 41 13 00-0040	EA	30" x 12" Wall Cabinet	218.38	34.61
		For Plastic Laminate On Particle Board, Deduct	*-52.22*	
		For Economy Grade, Deduct	*-29.84*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.92*	
		For High Grade, Add	*14.92*	
		For Higher Grade, Add	*29.84*	
		For Deluxe Grade, Add	*59.68*	
		For Custom Deluxe Grade, Add	*66.60*	
		For Custom Built In Place, Add	*44.22*	
06 41 13 00-0041	EA	33" x 12" Wall Cabinet	233.56	37.53
		For Plastic Laminate On Particle Board, Deduct	*-55.48*	
		For Economy Grade, Deduct	*-31.70*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.85*	
		For High Grade, Add	*15.85*	
		For Higher Grade, Add	*31.70*	
		For Deluxe Grade, Add	*63.41*	
		For Custom Deluxe Grade, Add	*70.91*	
		For Custom Built In Place, Add	*47.13*	
06 41 13 00-0042	EA	36" x 12" Wall Cabinet	242.12	39.48
		For Plastic Laminate On Particle Board, Deduct	*-57.11*	
		For Economy Grade, Deduct	*-32.64*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.32*	
		For High Grade, Add	*16.32*	
		For Higher Grade, Add	*32.64*	
		For Deluxe Grade, Add	*65.27*	
		For Custom Deluxe Grade, Add	*73.17*	
		For Custom Built In Place, Add	*48.69*	
06 41 13 00-0043	EA	39" x 12" Wall Cabinet	250.68	41.43
		For Plastic Laminate On Particle Board, Deduct	*-58.74*	
		For Economy Grade, Deduct	*-33.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.78*	
		For High Grade, Add	*16.78*	
		For Higher Grade, Add	*33.57*	
		For Deluxe Grade, Add	*67.14*	
		For Custom Deluxe Grade, Add	*75.42*	
		For Custom Built In Place, Add	*50.24*	
06 41 13 00-0044	EA	42" x 12" Wall Cabinet	255.34	41.43
		For Plastic Laminate On Particle Board, Deduct	*-60.38*	
		For Economy Grade, Deduct	*-34.50*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.25*	
		For High Grade, Add	*17.25*	
		For Higher Grade, Add	*34.50*	
		For Deluxe Grade, Add	*69.00*	
		For Custom Deluxe Grade, Add	*77.28*	
		For Custom Built In Place, Add	*51.41*	
06 41 13 00-0045	EA	18" x 15" Wall Cabinet	142.19	26.81
		For Plastic Laminate On Particle Board, Deduct	*-31.00*	
		For Economy Grade, Deduct	*-17.72*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.86*	
		For High Grade, Add	*8.86*	
		For Higher Grade, Add	*17.72*	
		For Deluxe Grade, Add	*35.43*	
		For Custom Deluxe Grade, Add	*40.79*	
		For Custom Built In Place, Add	*27.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0046	EA	24" x 15" Wall Cabinet	190.97	30.23
		For Plastic Laminate On Particle Board, Deduct	*-45.69*	
		For Economy Grade, Deduct	*-26.11*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.05*	
		For High Grade, Add	*13.05*	
		For Higher Grade, Add	*26.11*	
		For Deluxe Grade, Add	*52.22*	
		For Custom Deluxe Grade, Add	*58.26*	
		For Custom Built In Place, Add	*38.68*	
06 41 13 00-0047	EA	30" x 15" Wall Cabinet	218.38	34.61
		For Plastic Laminate On Particle Board, Deduct	*-52.22*	
		For Economy Grade, Deduct	*-29.84*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.92*	
		For High Grade, Add	*14.92*	
		For Higher Grade, Add	*29.84*	
		For Deluxe Grade, Add	*59.68*	
		For Custom Deluxe Grade, Add	*66.60*	
		For Custom Built In Place, Add	*44.22*	
06 41 13 00-0048	EA	33" x 15" Wall Cabinet	233.56	37.53
		For Plastic Laminate On Particle Board, Deduct	*-55.48*	
		For Economy Grade, Deduct	*-31.70*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.85*	
		For High Grade, Add	*15.85*	
		For Higher Grade, Add	*31.70*	
		For Deluxe Grade, Add	*63.41*	
		For Custom Deluxe Grade, Add	*70.91*	
		For Custom Built In Place, Add	*47.13*	
06 41 13 00-0049	EA	36" x 15" Wall Cabinet	246.78	39.48
		For Plastic Laminate On Particle Board, Deduct	*-58.74*	
		For Economy Grade, Deduct	*-33.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.78*	
		For High Grade, Add	*16.78*	
		For Higher Grade, Add	*33.57*	
		For Deluxe Grade, Add	*67.14*	
		For Custom Deluxe Grade, Add	*75.03*	
		For Custom Built In Place, Add	*49.85*	
06 41 13 00-0050	EA	39" x 15" Wall Cabinet	264.67	41.43
		For Plastic Laminate On Particle Board, Deduct	*-63.64*	
		For Economy Grade, Deduct	*-36.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.18*	
		For High Grade, Add	*18.18*	
		For Higher Grade, Add	*36.37*	
		For Deluxe Grade, Add	*72.73*	
		For Custom Deluxe Grade, Add	*81.02*	
		For Custom Built In Place, Add	*53.74*	
06 41 13 00-0051	EA	42" x 15" Wall Cabinet	278.66	41.43
		For Plastic Laminate On Particle Board, Deduct	*-68.54*	
		For Economy Grade, Deduct	*-39.16*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.58*	
		For High Grade, Add	*19.58*	
		For Higher Grade, Add	*39.16*	
		For Deluxe Grade, Add	*78.33*	
		For Custom Deluxe Grade, Add	*86.61*	
		For Custom Built In Place, Add	*57.24*	
06 41 13 00-0052	EA	48" x 15" Wall Cabinet	298.49	44.36
		For Plastic Laminate On Particle Board, Deduct	*-73.43*	
		For Economy Grade, Deduct	*-41.96*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.98*	
		For High Grade, Add	*20.98*	
		For Higher Grade, Add	*41.96*	
		For Deluxe Grade, Add	*83.92*	
		For Custom Deluxe Grade, Add	*92.79*	
		For Custom Built In Place, Add	*61.32*	
06 41 13 00-0053	EA	18" x 18" Wall Cabinet	170.18	26.81
		For Plastic Laminate On Particle Board, Deduct	*-40.80*	
		For Economy Grade, Deduct	*-23.31*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.66*	
		For High Grade, Add	*11.66*	
		For Higher Grade, Add	*23.31*	
		For Deluxe Grade, Add	*46.62*	
		For Custom Deluxe Grade, Add	*51.99*	
		For Custom Built In Place, Add	*34.50*	
06 41 13 00-0054	EA	24" x 18" Wall Cabinet	190.96	30.23
		For Plastic Laminate On Particle Board, Deduct	*-45.69*	
		For Economy Grade, Deduct	*-26.11*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.05*	
		For High Grade, Add	*13.05*	
		For Higher Grade, Add	*26.11*	
		For Deluxe Grade, Add	*52.22*	
		For Custom Deluxe Grade, Add	*58.26*	
		For Custom Built In Place, Add	*38.68*	
06 41 13 00-0055	EA	30" x 18" Wall Cabinet	227.73	34.61
		For Plastic Laminate On Particle Board, Deduct	*-55.48*	
		For Economy Grade, Deduct	*-31.70*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.85*	
		For High Grade, Add	*15.85*	
		For Higher Grade, Add	*31.70*	
		For Deluxe Grade, Add	*63.41*	
		For Custom Deluxe Grade, Add	*70.33*	
		For Custom Built In Place, Add	*46.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0056	EA	33" x 18" Wall Cabinet	242.88	37.53
		For Plastic Laminate On Particle Board, Deduct	*-58.74*	
		For Economy Grade, Deduct	*-33.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.78*	
		For High Grade, Add	*16.78*	
		For Higher Grade, Add	*33.57*	
		For Deluxe Grade, Add	*67.14*	
		For Custom Deluxe Grade, Add	*74.64*	
		For Custom Built In Place, Add	*49.46*	
06 41 13 00-0057	EA	36" x 18" Wall Cabinet	256.09	39.48
		For Plastic Laminate On Particle Board, Deduct	*-62.01*	
		For Economy Grade, Deduct	*-35.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.72*	
		For High Grade, Add	*17.72*	
		For Higher Grade, Add	*35.43*	
		For Deluxe Grade, Add	*70.87*	
		For Custom Deluxe Grade, Add	*78.76*	
		For Custom Built In Place, Add	*52.18*	
06 41 13 00-0058	EA	39" x 18" Wall Cabinet	271.66	41.43
		For Plastic Laminate On Particle Board, Deduct	*-66.09*	
		For Economy Grade, Deduct	*-37.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.88*	
		For High Grade, Add	*18.88*	
		For Higher Grade, Add	*37.76*	
		For Deluxe Grade, Add	*75.53*	
		For Custom Deluxe Grade, Add	*83.81*	
		For Custom Built In Place, Add	*55.49*	
06 41 13 00-0059	EA	42" x 18" Wall Cabinet	283.32	41.43
		For Plastic Laminate On Particle Board, Deduct	*-70.17*	
		For Economy Grade, Deduct	*-40.10*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.05*	
		For High Grade, Add	*20.05*	
		For Higher Grade, Add	*40.10*	
		For Deluxe Grade, Add	*80.19*	
		For Custom Deluxe Grade, Add	*88.48*	
		For Custom Built In Place, Add	*58.40*	
06 41 13 00-0060	EA	48" x 18" Wall Cabinet	307.82	44.36
		For Plastic Laminate On Particle Board, Deduct	*-76.70*	
		For Economy Grade, Deduct	*-43.83*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.91*	
		For High Grade, Add	*21.91*	
		For Higher Grade, Add	*43.83*	
		For Deluxe Grade, Add	*87.65*	
		For Custom Deluxe Grade, Add	*96.52*	
		For Custom Built In Place, Add	*63.65*	
06 41 13 00-0061	EA	12" x 24" Wall Cabinet	172.51	26.81
		For Plastic Laminate On Particle Board, Deduct	*-41.61*	
		For Economy Grade, Deduct	*-23.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.89*	
		For High Grade, Add	*11.89*	
		For Higher Grade, Add	*23.78*	
		For Deluxe Grade, Add	*47.56*	
		For Custom Deluxe Grade, Add	*52.92*	
		For Custom Built In Place, Add	*35.08*	
06 41 13 00-0062	EA	15" x 24" Wall Cabinet	181.83	26.81
		For Plastic Laminate On Particle Board, Deduct	*-44.87*	
		For Economy Grade, Deduct	*-25.64*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.82*	
		For High Grade, Add	*12.82*	
		For Higher Grade, Add	*25.64*	
		For Deluxe Grade, Add	*51.28*	
		For Custom Deluxe Grade, Add	*56.65*	
		For Custom Built In Place, Add	*37.41*	
06 41 13 00-0063	EA	18" x 24" Wall Cabinet	191.16	26.81
		For Plastic Laminate On Particle Board, Deduct	*-48.14*	
		For Economy Grade, Deduct	*-27.51*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.75*	
		For High Grade, Add	*13.75*	
		For Higher Grade, Add	*27.51*	
		For Deluxe Grade, Add	*55.02*	
		For Custom Deluxe Grade, Add	*60.38*	
		For Custom Built In Place, Add	*39.75*	
06 41 13 00-0064	EA	24" x 24" Wall Cabinet	216.64	30.23
		For Plastic Laminate On Particle Board, Deduct	*-54.67*	
		For Economy Grade, Deduct	*-31.24*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.62*	
		For High Grade, Add	*15.62*	
		For Higher Grade, Add	*31.24*	
		For Deluxe Grade, Add	*62.48*	
		For Custom Deluxe Grade, Add	*68.52*	
		For Custom Built In Place, Add	*45.09*	
06 41 13 00-0065	EA	24" x 24" Wall Cabinet, 2 Doors	223.63	30.23
		For Plastic Laminate On Particle Board, Deduct	*-57.11*	
		For Economy Grade, Deduct	*-32.64*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.32*	
		For High Grade, Add	*16.32*	
		For Higher Grade, Add	*32.64*	
		For Deluxe Grade, Add	*65.27*	
		For Custom Deluxe Grade, Add	*71.32*	
		For Custom Built In Place, Add	*46.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0066	EA	27" x 24" Wall Cabinet	230.62	30.23
		For Plastic Laminate On Particle Board, Deduct	*-59.56*	
		For Economy Grade, Deduct	*-34.03*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.02*	
		For High Grade, Add	*17.02*	
		For Higher Grade, Add	*34.03*	
		For Deluxe Grade, Add	*68.07*	
		For Custom Deluxe Grade, Add	*74.11*	
		For Custom Built In Place, Add	*48.59*	
06 41 13 00-0067	EA	30" x 24" Wall Cabinet	244.05	34.61
		For Plastic Laminate On Particle Board, Deduct	*-61.19*	
		For Economy Grade, Deduct	*-34.97*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.48*	
		For High Grade, Add	*17.48*	
		For Higher Grade, Add	*34.97*	
		For Deluxe Grade, Add	*69.94*	
		For Custom Deluxe Grade, Add	*76.86*	
		For Custom Built In Place, Add	*50.63*	
06 41 13 00-0068	EA	33" x 24" Wall Cabinet	259.25	37.53
		For Plastic Laminate On Particle Board, Deduct	*-64.46*	
		For Economy Grade, Deduct	*-36.83*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.42*	
		For High Grade, Add	*18.42*	
		For Higher Grade, Add	*36.83*	
		For Deluxe Grade, Add	*73.66*	
		For Custom Deluxe Grade, Add	*81.17*	
		For Custom Built In Place, Add	*53.55*	
06 41 13 00-0069	EA	36" x 24" Wall Cabinet	267.81	39.48
		For Plastic Laminate On Particle Board, Deduct	*-66.09*	
		For Economy Grade, Deduct	*-37.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.88*	
		For High Grade, Add	*18.88*	
		For Higher Grade, Add	*37.76*	
		For Deluxe Grade, Add	*75.53*	
		For Custom Deluxe Grade, Add	*83.43*	
		For Custom Built In Place, Add	*55.10*	
06 41 13 00-0070	EA	39" x 24" Wall Cabinet	280.99	41.43
		For Plastic Laminate On Particle Board, Deduct	*-69.35*	
		For Economy Grade, Deduct	*-39.63*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.82*	
		For High Grade, Add	*19.82*	
		For Higher Grade, Add	*39.63*	
		For Deluxe Grade, Add	*79.26*	
		For Custom Deluxe Grade, Add	*87.54*	
		For Custom Built In Place, Add	*57.82*	
06 41 13 00-0071	EA	42" x 24" Wall Cabinet	294.97	41.43
		For Plastic Laminate On Particle Board, Deduct	*-74.25*	
		For Economy Grade, Deduct	*-42.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.21*	
		For High Grade, Add	*21.21*	
		For Higher Grade, Add	*42.43*	
		For Deluxe Grade, Add	*84.85*	
		For Custom Deluxe Grade, Add	*93.14*	
		For Custom Built In Place, Add	*61.32*	
06 41 13 00-0072	EA	45" x 24" Wall Cabinet	319.47	44.36
		For Plastic Laminate On Particle Board, Deduct	*-80.77*	
		For Economy Grade, Deduct	*-46.16*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.08*	
		For High Grade, Add	*23.08*	
		For Higher Grade, Add	*46.16*	
		For Deluxe Grade, Add	*92.31*	
		For Custom Deluxe Grade, Add	*101.18*	
		For Custom Built In Place, Add	*66.56*	
06 41 13 00-0073	EA	48" x 24" Wall Cabinet	333.46	44.36
		For Plastic Laminate On Particle Board, Deduct	*-85.67*	
		For Economy Grade, Deduct	*-48.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.48*	
		For High Grade, Add	*24.48*	
		For Higher Grade, Add	*48.95*	
		For Deluxe Grade, Add	*97.91*	
		For Custom Deluxe Grade, Add	*106.78*	
		For Custom Built In Place, Add	*70.06*	
06 41 13 00-0074	EA	24" x 24" Blind Corner Wall Cabinet	216.61	30.23
		For Plastic Laminate On Particle Board, Deduct	*-54.67*	
		For Economy Grade, Deduct	*-31.24*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.62*	
		For High Grade, Add	*15.62*	
		For Higher Grade, Add	*31.24*	
		For Deluxe Grade, Add	*62.48*	
		For Custom Deluxe Grade, Add	*68.52*	
		For Custom Built In Place, Add	*45.09*	
06 41 13 00-0075	EA	30" x 24" Blind Corner Wall Cabinet	244.05	34.61
		For Plastic Laminate On Particle Board, Deduct	*-61.19*	
		For Economy Grade, Deduct	*-34.97*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.48*	
		For High Grade, Add	*17.48*	
		For Higher Grade, Add	*34.97*	
		For Deluxe Grade, Add	*69.94*	
		For Custom Deluxe Grade, Add	*76.86*	
		For Custom Built In Place, Add	*50.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0076	EA	36" x 24" Blind Corner Wall Cabinet	267.74	39.48
		For Plastic Laminate On Particle Board, Deduct	*-66.09*	
		For Economy Grade, Deduct	*-37.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.88*	
		For High Grade, Add	*18.88*	
		For Higher Grade, Add	*37.76*	
		For Deluxe Grade, Add	*75.53*	
		For Custom Deluxe Grade, Add	*83.42*	
		For Custom Built In Place, Add	*55.10*	
06 41 13 00-0077	EA	42" x 24" Blind Corner Wall Cabinet	294.97	41.43
		For Plastic Laminate On Particle Board, Deduct	*-74.25*	
		For Economy Grade, Deduct	*-42.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.21*	
		For High Grade, Add	*21.21*	
		For Higher Grade, Add	*42.43*	
		For Deluxe Grade, Add	*84.85*	
		For Custom Deluxe Grade, Add	*93.14*	
		For Custom Built In Place, Add	*61.32*	
06 41 13 00-0078	EA	48" x 24" Blind Corner Wall Cabinet	333.46	44.36
		For Plastic Laminate On Particle Board, Deduct	*-85.67*	
		For Economy Grade, Deduct	*-48.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.48*	
		For High Grade, Add	*24.48*	
		For Higher Grade, Add	*48.95*	
		For Deluxe Grade, Add	*97.91*	
		For Custom Deluxe Grade, Add	*106.78*	
		For Custom Built In Place, Add	*70.06*	
06 41 13 00-0079	EA	9" x 42" Wall Cabinet	216.64	30.23
		For Plastic Laminate On Particle Board, Deduct	*-54.67*	
		For Economy Grade, Deduct	*-31.24*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.62*	
		For High Grade, Add	*15.62*	
		For Higher Grade, Add	*31.24*	
		For Deluxe Grade, Add	*62.48*	
		For Custom Deluxe Grade, Add	*68.52*	
		For Custom Built In Place, Add	*45.09*	
06 41 13 00-0080	EA	12" x 42" Wall Cabinet	228.29	30.23
		For Plastic Laminate On Particle Board, Deduct	*-58.74*	
		For Economy Grade, Deduct	*-33.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.78*	
		For High Grade, Add	*16.78*	
		For Higher Grade, Add	*33.57*	
		For Deluxe Grade, Add	*67.14*	
		For Custom Deluxe Grade, Add	*73.18*	
		For Custom Built In Place, Add	*48.01*	
06 41 13 00-0081	EA	15" x 42" Wall Cabinet	242.28	30.23
		For Plastic Laminate On Particle Board, Deduct	*-63.64*	
		For Economy Grade, Deduct	*-36.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.18*	
		For High Grade, Add	*18.18*	
		For Higher Grade, Add	*36.37*	
		For Deluxe Grade, Add	*72.73*	
		For Custom Deluxe Grade, Add	*78.78*	
		For Custom Built In Place, Add	*51.50*	
06 41 13 00-0082	EA	18" x 42" Wall Cabinet	256.27	30.23
		For Plastic Laminate On Particle Board, Deduct	*-68.54*	
		For Economy Grade, Deduct	*-39.16*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.58*	
		For High Grade, Add	*19.58*	
		For Higher Grade, Add	*39.16*	
		For Deluxe Grade, Add	*78.33*	
		For Custom Deluxe Grade, Add	*84.37*	
		For Custom Built In Place, Add	*55.00*	
06 41 13 00-0083	EA	21" x 42" Wall Cabinet	276.68	34.61
		For Plastic Laminate On Particle Board, Deduct	*-72.61*	
		For Economy Grade, Deduct	*-41.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.75*	
		For High Grade, Add	*20.75*	
		For Higher Grade, Add	*41.49*	
		For Deluxe Grade, Add	*82.99*	
		For Custom Deluxe Grade, Add	*89.91*	
		For Custom Built In Place, Add	*58.79*	
06 41 13 00-0084	EA	24" x 42" Wall Cabinet	293.00	34.61
		For Plastic Laminate On Particle Board, Deduct	*-78.33*	
		For Economy Grade, Deduct	*-44.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.38*	
		For High Grade, Add	*22.38*	
		For Higher Grade, Add	*44.76*	
		For Deluxe Grade, Add	*89.52*	
		For Custom Deluxe Grade, Add	*96.44*	
		For Custom Built In Place, Add	*62.87*	
06 41 13 00-0085	EA	24" x 42" Wall Cabinet, 2 Doors	318.64	34.61
		For Plastic Laminate On Particle Board, Deduct	*-87.30*	
		For Economy Grade, Deduct	*-49.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.94*	
		For High Grade, Add	*24.94*	
		For Higher Grade, Add	*49.89*	
		For Deluxe Grade, Add	*99.77*	
		For Custom Deluxe Grade, Add	*106.69*	
		For Custom Built In Place, Add	*69.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0086	EA	30" x 42" Wall Cabinet	350.11	37.53
		For Plastic Laminate On Particle Board, Deduct	*-96.27*	
		For Economy Grade, Deduct	*-55.01*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.51*	
		For High Grade, Add	*27.51*	
		For Higher Grade, Add	*55.01*	
		For Deluxe Grade, Add	*110.03*	
		For Custom Deluxe Grade, Add	*117.53*	
		For Custom Built In Place, Add	*76.27*	
06 41 13 00-0087	EA	33" x 42" Wall Cabinet	370.38	39.48
		For Plastic Laminate On Particle Board, Deduct	*-101.99*	
		For Economy Grade, Deduct	*-58.28*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.14*	
		For High Grade, Add	*29.14*	
		For Higher Grade, Add	*58.28*	
		For Deluxe Grade, Add	*116.56*	
		For Custom Deluxe Grade, Add	*124.46*	
		For Custom Built In Place, Add	*80.75*	
06 41 13 00-0088	EA	36" x 42" Wall Cabinet	381.30	41.43
		For Plastic Laminate On Particle Board, Deduct	*-104.44*	
		For Economy Grade, Deduct	*-59.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.84*	
		For High Grade, Add	*29.84*	
		For Higher Grade, Add	*59.68*	
		For Deluxe Grade, Add	*119.36*	
		For Custom Deluxe Grade, Add	*127.65*	
		For Custom Built In Place, Add	*82.89*	
06 41 13 00-0089	EA	24" x 42" Blind Corner Wall Cabinet	293.00	34.61
		For Plastic Laminate On Particle Board, Deduct	*-78.33*	
		For Economy Grade, Deduct	*-44.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.38*	
		For High Grade, Add	*22.38*	
		For Higher Grade, Add	*44.76*	
		For Deluxe Grade, Add	*89.52*	
		For Custom Deluxe Grade, Add	*96.44*	
		For Custom Built In Place, Add	*62.87*	
06 41 13 00-0090	EA	30" x 42" Blind Corner Wall Cabinet	350.11	37.53
		For Plastic Laminate On Particle Board, Deduct	*-96.27*	
		For Economy Grade, Deduct	*-55.01*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.51*	
		For High Grade, Add	*27.51*	
		For Higher Grade, Add	*55.01*	
		For Deluxe Grade, Add	*110.03*	
		For Custom Deluxe Grade, Add	*117.53*	
		For Custom Built In Place, Add	*76.27*	
06 41 13 00-0091	EA	36" x 42" Blind Corner Wall Cabinet	381.23	41.43
		For Plastic Laminate On Particle Board, Deduct	*-104.44*	
		For Economy Grade, Deduct	*-59.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.84*	
		For High Grade, Add	*29.84*	
		For Higher Grade, Add	*59.68*	
		For Deluxe Grade, Add	*119.36*	
		For Custom Deluxe Grade, Add	*127.64*	
		For Custom Built In Place, Add	*82.88*	
06 41 13 00-0092	EA	24" Angle End Wall Cabinet	288.87	30.23
		For Plastic Laminate On Particle Board, Deduct	*-79.96*	
		For Economy Grade, Deduct	*-45.69*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.85*	
		For High Grade, Add	*22.85*	
		For Higher Grade, Add	*45.69*	
		For Deluxe Grade, Add	*91.38*	
		For Custom Deluxe Grade, Add	*97.42*	
		For Custom Built In Place, Add	*63.15*	
06 41 13 00-0093	EA	30" Angle End Wall Cabinet	318.61	34.61
		For Plastic Laminate On Particle Board, Deduct	*-87.30*	
		For Economy Grade, Deduct	*-49.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.94*	
		For High Grade, Add	*24.94*	
		For Higher Grade, Add	*49.89*	
		For Deluxe Grade, Add	*99.77*	
		For Custom Deluxe Grade, Add	*106.69*	
		For Custom Built In Place, Add	*69.28*	
06 41 13 00-0094	EA	42" Angle End Wall Cabinet	413.84	41.43
		For Plastic Laminate On Particle Board, Deduct	*-115.86*	
		For Economy Grade, Deduct	*-66.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.10*	
		For High Grade, Add	*33.10*	
		For Higher Grade, Add	*66.20*	
		For Deluxe Grade, Add	*132.41*	
		For Custom Deluxe Grade, Add	*140.69*	
		For Custom Built In Place, Add	*91.04*	
06 41 13 00-0095	EA	9" Base Cabinet	219.83	19.01
		For Plastic Laminate On Particle Board, Deduct	*-63.64*	
		For Economy Grade, Deduct	*-36.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.18*	
		For High Grade, Add	*18.18*	
		For Higher Grade, Add	*36.37*	
		For Deluxe Grade, Add	*72.73*	
		For Custom Deluxe Grade, Add	*76.53*	
		For Custom Built In Place, Add	*49.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0096	EA	12" Base Cabinet	238.13	25.83
		For Plastic Laminate On Particle Board, Deduct	*-65.27*	
		For Economy Grade, Deduct	*-37.30*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.65*	
		For High Grade, Add	*18.65*	
		For Higher Grade, Add	*37.30*	
		For Deluxe Grade, Add	*74.60*	
		For Custom Deluxe Grade, Add	*79.76*	
		For Custom Built In Place, Add	*51.79*	
06 41 13 00-0097	EA	15" Base Cabinet	263.25	30.23
		For Plastic Laminate On Particle Board, Deduct	*-70.98*	
		For Economy Grade, Deduct	*-40.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.28*	
		For High Grade, Add	*20.28*	
		For Higher Grade, Add	*40.56*	
		For Deluxe Grade, Add	*81.12*	
		For Custom Deluxe Grade, Add	*87.17*	
		For Custom Built In Place, Add	*56.75*	
06 41 13 00-0098	EA	18" Base Cabinet	281.36	34.61
		For Plastic Laminate On Particle Board, Deduct	*-74.25*	
		For Economy Grade, Deduct	*-42.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.21*	
		For High Grade, Add	*21.21*	
		For Higher Grade, Add	*42.43*	
		For Deluxe Grade, Add	*84.85*	
		For Custom Deluxe Grade, Add	*91.78*	
		For Custom Built In Place, Add	*59.96*	
06 41 13 00-0099	EA	21" Base Cabinet	305.47	38.51
		For Plastic Laminate On Particle Board, Deduct	*-79.96*	
		For Economy Grade, Deduct	*-45.69*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.85*	
		For High Grade, Add	*22.85*	
		For Higher Grade, Add	*45.69*	
		For Deluxe Grade, Add	*91.38*	
		For Custom Deluxe Grade, Add	*99.08*	
		For Custom Built In Place, Add	*64.81*	
06 41 13 00-0100	EA	24" Base Cabinet	326.06	39.48
		For Plastic Laminate On Particle Board, Deduct	*-86.49*	
		For Economy Grade, Deduct	*-49.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.71*	
		For High Grade, Add	*24.71*	
		For Higher Grade, Add	*49.42*	
		For Deluxe Grade, Add	*98.84*	
		For Custom Deluxe Grade, Add	*106.74*	
		For Custom Built In Place, Add	*69.67*	
06 41 13 00-0101	EA	24" Base Cabinet, 2 Doors	344.71	39.48
		For Plastic Laminate On Particle Board, Deduct	*-93.01*	
		For Economy Grade, Deduct	*-53.15*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.58*	
		For High Grade, Add	*26.58*	
		For Higher Grade, Add	*53.15*	
		For Deluxe Grade, Add	*106.30*	
		For Custom Deluxe Grade, Add	*114.20*	
		For Custom Built In Place, Add	*74.33*	
06 41 13 00-0102	EA	27" Base Cabinet	367.27	41.43
		For Plastic Laminate On Particle Board, Deduct	*-99.54*	
		For Economy Grade, Deduct	*-56.88*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.44*	
		For High Grade, Add	*28.44*	
		For Higher Grade, Add	*56.88*	
		For Deluxe Grade, Add	*113.76*	
		For Custom Deluxe Grade, Add	*122.05*	
		For Custom Built In Place, Add	*79.39*	
06 41 13 00-0103	EA	30" Base Cabinet	388.08	44.85
		For Plastic Laminate On Particle Board, Deduct	*-104.44*	
		For Economy Grade, Deduct	*-59.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.84*	
		For High Grade, Add	*29.84*	
		For Higher Grade, Add	*59.68*	
		For Deluxe Grade, Add	*119.36*	
		For Custom Deluxe Grade, Add	*128.33*	
		For Custom Built In Place, Add	*83.57*	
06 41 13 00-0104	EA	33" Base Cabinet	402.02	44.85
		For Plastic Laminate On Particle Board, Deduct	*-109.33*	
		For Economy Grade, Deduct	*-62.47*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.24*	
		For High Grade, Add	*31.24*	
		For Higher Grade, Add	*62.47*	
		For Deluxe Grade, Add	*124.95*	
		For Custom Deluxe Grade, Add	*133.91*	
		For Custom Built In Place, Add	*87.06*	
06 41 13 00-0105	EA	36" Base Cabinet	421.85	47.77
		For Plastic Laminate On Particle Board, Deduct	*-114.23*	
		For Economy Grade, Deduct	*-65.27*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.64*	
		For High Grade, Add	*32.64*	
		For Higher Grade, Add	*65.27*	
		For Deluxe Grade, Add	*130.54*	
		For Custom Deluxe Grade, Add	*140.09*	
		For Custom Built In Place, Add	*91.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0106	EA	39" Base Cabinet	435.84	47.77
		For Plastic Laminate On Particle Board, Deduct	*-119.12*	
		For Economy Grade, Deduct	*-68.07*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.04*	
		For High Grade, Add	*34.04*	
		For Higher Grade, Add	*68.07*	
		For Deluxe Grade, Add	*136.14*	
		For Custom Deluxe Grade, Add	*145.69*	
		For Custom Built In Place, Add	*94.64*	
06 41 13 00-0107	EA	42" Base Cabinet	456.64	51.18
		For Plastic Laminate On Particle Board, Deduct	*-124.02*	
		For Economy Grade, Deduct	*-70.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-35.43*	
		For High Grade, Add	*35.43*	
		For Higher Grade, Add	*70.87*	
		For Deluxe Grade, Add	*141.73*	
		For Custom Deluxe Grade, Add	*151.96*	
		For Custom Built In Place, Add	*98.81*	
06 41 13 00-0108	EA	45" Base Cabinet	470.63	51.18
		For Plastic Laminate On Particle Board, Deduct	*-128.91*	
		For Economy Grade, Deduct	*-73.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-36.83*	
		For High Grade, Add	*36.83*	
		For Higher Grade, Add	*73.66*	
		For Deluxe Grade, Add	*147.33*	
		For Custom Deluxe Grade, Add	*157.56*	
		For Custom Built In Place, Add	*102.31*	
06 41 13 00-0109	EA	48" Base Cabinet	491.65	57.03
		For Plastic Laminate On Particle Board, Deduct	*-132.17*	
		For Economy Grade, Deduct	*-75.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.76*	
		For High Grade, Add	*37.76*	
		For Higher Grade, Add	*75.53*	
		For Deluxe Grade, Add	*151.06*	
		For Custom Deluxe Grade, Add	*162.46*	
		For Custom Built In Place, Add	*105.81*	
06 41 13 00-0110	EA	12"-4 Drawer Base Cabinet	359.35	25.83
		For Plastic Laminate On Particle Board, Deduct	*-107.70*	
		For Economy Grade, Deduct	*-61.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.77*	
		For High Grade, Add	*30.77*	
		For Higher Grade, Add	*61.54*	
		For Deluxe Grade, Add	*123.08*	
		For Custom Deluxe Grade, Add	*128.25*	
		For Custom Built In Place, Add	*82.09*	
06 41 13 00-0111	EA	15"-4 Drawer Base Cabinet	391.43	30.23
		For Plastic Laminate On Particle Board, Deduct	*-115.86*	
		For Economy Grade, Deduct	*-66.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.10*	
		For High Grade, Add	*33.10*	
		For Higher Grade, Add	*66.20*	
		For Deluxe Grade, Add	*132.41*	
		For Custom Deluxe Grade, Add	*138.45*	
		For Custom Built In Place, Add	*88.80*	
06 41 13 00-0112	EA	18"-4 Drawer Base Cabinet	423.51	34.61
		For Plastic Laminate On Particle Board, Deduct	*-124.02*	
		For Economy Grade, Deduct	*-70.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-35.43*	
		For High Grade, Add	*35.43*	
		For Higher Grade, Add	*70.87*	
		For Deluxe Grade, Add	*141.73*	
		For Custom Deluxe Grade, Add	*148.65*	
		For Custom Built In Place, Add	*95.50*	
06 41 13 00-0113	EA	21"-4 Drawer Base Cabinet	454.62	38.51
		For Plastic Laminate On Particle Board, Deduct	*-132.17*	
		For Economy Grade, Deduct	*-75.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.76*	
		For High Grade, Add	*37.76*	
		For Higher Grade, Add	*75.53*	
		For Deluxe Grade, Add	*151.06*	
		For Custom Deluxe Grade, Add	*158.75*	
		For Custom Built In Place, Add	*102.11*	
06 41 13 00-0114	EA	24"-4 Drawer Base Cabinet	456.56	39.48
		For Plastic Laminate On Particle Board, Deduct	*-132.17*	
		For Economy Grade, Deduct	*-75.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.76*	
		For High Grade, Add	*37.76*	
		For Higher Grade, Add	*75.53*	
		For Deluxe Grade, Add	*151.06*	
		For Custom Deluxe Grade, Add	*158.95*	
		For Custom Built In Place, Add	*102.30*	
06 41 13 00-0115	EA	30"-4 Drawer Base Cabinet	537.23	44.85
		For Plastic Laminate On Particle Board, Deduct	*-156.65*	
		For Economy Grade, Deduct	*-89.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-44.76*	
		For High Grade, Add	*44.76*	
		For Higher Grade, Add	*89.52*	
		For Deluxe Grade, Add	*179.03*	
		For Custom Deluxe Grade, Add	*188.00*	
		For Custom Built In Place, Add	*120.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0116	EA	33"-4 Drawer Base Cabinet	560.54	44.85
		For Plastic Laminate On Particle Board, Deduct	*-164.81*	
		For Economy Grade, Deduct	*-94.18*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-47.09*	
		For High Grade, Add	*47.09*	
		For Higher Grade, Add	*94.18*	
		For Deluxe Grade, Add	*188.36*	
		For Custom Deluxe Grade, Add	*197.32*	
		For Custom Built In Place, Add	*126.69*	
06 41 13 00-0117	EA	36"-4 Drawer Base Cabinet	608.34	47.77
		For Plastic Laminate On Particle Board, Deduct	*-179.50*	
		For Economy Grade, Deduct	*-102.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-51.29*	
		For High Grade, Add	*51.29*	
		For Higher Grade, Add	*102.57*	
		For Deluxe Grade, Add	*205.14*	
		For Custom Deluxe Grade, Add	*214.69*	
		For Custom Built In Place, Add	*137.76*	
06 41 13 00-0118	EA	12"-3 Drawer Base Cabinet	359.34	25.83
		For Plastic Laminate On Particle Board, Deduct	*-107.70*	
		For Economy Grade, Deduct	*-61.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.77*	
		For High Grade, Add	*30.77*	
		For Higher Grade, Add	*61.54*	
		For Deluxe Grade, Add	*123.08*	
		For Custom Deluxe Grade, Add	*128.25*	
		For Custom Built In Place, Add	*82.09*	
06 41 13 00-0119	EA	15"-3 Drawer Base Cabinet	391.44	30.23
		For Plastic Laminate On Particle Board, Deduct	*-115.86*	
		For Economy Grade, Deduct	*-66.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.10*	
		For High Grade, Add	*33.10*	
		For Higher Grade, Add	*66.20*	
		For Deluxe Grade, Add	*132.41*	
		For Custom Deluxe Grade, Add	*138.45*	
		For Custom Built In Place, Add	*88.80*	
06 41 13 00-0120	EA	18"-3 Drawer Base Cabinet	423.49	34.61
		For Plastic Laminate On Particle Board, Deduct	*-124.02*	
		For Economy Grade, Deduct	*-70.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-35.43*	
		For High Grade, Add	*35.43*	
		For Higher Grade, Add	*70.87*	
		For Deluxe Grade, Add	*141.73*	
		For Custom Deluxe Grade, Add	*148.65*	
		For Custom Built In Place, Add	*95.50*	
06 41 13 00-0121	EA	21"-3 Drawer Base Cabinet	454.62	38.51
		For Plastic Laminate On Particle Board, Deduct	*-132.17*	
		For Economy Grade, Deduct	*-75.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.76*	
		For High Grade, Add	*37.76*	
		For Higher Grade, Add	*75.53*	
		For Deluxe Grade, Add	*151.06*	
		For Custom Deluxe Grade, Add	*158.75*	
		For Custom Built In Place, Add	*102.11*	
06 41 13 00-0122	EA	24"-3 Drawer Base Cabinet	456.56	39.48
		For Plastic Laminate On Particle Board, Deduct	*-132.17*	
		For Economy Grade, Deduct	*-75.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.76*	
		For High Grade, Add	*37.76*	
		For Higher Grade, Add	*75.53*	
		For Deluxe Grade, Add	*151.06*	
		For Custom Deluxe Grade, Add	*158.95*	
		For Custom Built In Place, Add	*102.30*	
06 41 13 00-0123	EA	30"-3 Drawer Base Cabinet	537.25	44.85
		For Plastic Laminate On Particle Board, Deduct	*-156.65*	
		For Economy Grade, Deduct	*-89.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-44.76*	
		For High Grade, Add	*44.76*	
		For Higher Grade, Add	*89.52*	
		For Deluxe Grade, Add	*179.03*	
		For Custom Deluxe Grade, Add	*188.00*	
		For Custom Built In Place, Add	*120.86*	
06 41 13 00-0124	EA	33"-3 Drawer Base Cabinet	560.56	44.85
		For Plastic Laminate On Particle Board, Deduct	*-164.81*	
		For Economy Grade, Deduct	*-94.18*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-47.09*	
		For High Grade, Add	*47.09*	
		For Higher Grade, Add	*94.18*	
		For Deluxe Grade, Add	*188.36*	
		For Custom Deluxe Grade, Add	*197.32*	
		For Custom Built In Place, Add	*126.69*	
06 41 13 00-0125	EA	36"-3 Drawer Base Cabinet	608.36	47.77
		For Plastic Laminate On Particle Board, Deduct	*-179.50*	
		For Economy Grade, Deduct	*-102.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-51.29*	
		For High Grade, Add	*51.29*	
		For Higher Grade, Add	*102.57*	
		For Deluxe Grade, Add	*205.14*	
		For Custom Deluxe Grade, Add	*214.69*	
		For Custom Built In Place, Add	*137.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0126	EA	30" Pantry Drawer Base Cabinet	660.79	44.85
		For Plastic Laminate On Particle Board, Deduct	*-199.90*	
		For Economy Grade, Deduct	*-114.23*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-57.11*	
		For High Grade, Add	*57.11*	
		For Higher Grade, Add	*114.23*	
		For Deluxe Grade, Add	*228.45*	
		For Custom Deluxe Grade, Add	*237.42*	
		For Custom Built In Place, Add	*151.75*	
06 41 13 00-0127	EA	33" Pantry Drawer Base Cabinet	684.10	44.85
		For Plastic Laminate On Particle Board, Deduct	*-208.05*	
		For Economy Grade, Deduct	*-118.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-59.44*	
		For High Grade, Add	*59.44*	
		For Higher Grade, Add	*118.89*	
		For Deluxe Grade, Add	*237.78*	
		For Custom Deluxe Grade, Add	*246.74*	
		For Custom Built In Place, Add	*157.58*	
06 41 13 00-0128	EA	36" Pantry Drawer Base Cabinet	713.26	47.77
		For Plastic Laminate On Particle Board, Deduct	*-216.21*	
		For Economy Grade, Deduct	*-123.55*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-61.78*	
		For High Grade, Add	*61.78*	
		For Higher Grade, Add	*123.55*	
		For Deluxe Grade, Add	*247.10*	
		For Custom Deluxe Grade, Add	*256.65*	
		For Custom Built In Place, Add	*163.99*	
06 41 13 00-0129	EA	36" x 36" Corner Base Cabinet L/R	794.85	47.77
		For Plastic Laminate On Particle Board, Deduct	*-244.77*	
		For Economy Grade, Deduct	*-139.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-69.93*	
		For High Grade, Add	*69.93*	
		For Higher Grade, Add	*139.87*	
		For Deluxe Grade, Add	*279.74*	
		For Custom Deluxe Grade, Add	*289.29*	
		For Custom Built In Place, Add	*184.39*	
06 41 13 00-0130	EA	36" x 36" Corner Base Cabinet (90)	794.85	47.77
		For Plastic Laminate On Particle Board, Deduct	*-244.77*	
		For Economy Grade, Deduct	*-139.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-69.93*	
		For High Grade, Add	*69.93*	
		For Higher Grade, Add	*139.87*	
		For Deluxe Grade, Add	*279.74*	
		For Custom Deluxe Grade, Add	*289.29*	
		For Custom Built In Place, Add	*184.39*	
06 41 13 00-0131	EA	42" x 42" Corner Base Cabinet (90)	894.91	51.18
		For Plastic Laminate On Particle Board, Deduct	*-277.41*	
		For Economy Grade, Deduct	*-158.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-79.26*	
		For High Grade, Add	*79.26*	
		For Higher Grade, Add	*158.52*	
		For Deluxe Grade, Add	*317.04*	
		For Custom Deluxe Grade, Add	*327.27*	
		For Custom Built In Place, Add	*208.38*	
06 41 13 00-0132	EA	36" x 27" Reverse Blind Corner Base	384.57	47.77
		For Plastic Laminate On Particle Board, Deduct	*-101.17*	
		For Economy Grade, Deduct	*-57.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.91*	
		For High Grade, Add	*28.91*	
		For Higher Grade, Add	*57.81*	
		For Deluxe Grade, Add	*115.62*	
		For Custom Deluxe Grade, Add	*125.18*	
		For Custom Built In Place, Add	*81.82*	
06 41 13 00-0133	EA	39" x 33" Reverse Blind Corner Base	393.90	47.77
		For Plastic Laminate On Particle Board, Deduct	*-104.44*	
		For Economy Grade, Deduct	*-59.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.84*	
		For High Grade, Add	*29.84*	
		For Higher Grade, Add	*59.68*	
		For Deluxe Grade, Add	*119.36*	
		For Custom Deluxe Grade, Add	*128.91*	
		For Custom Built In Place, Add	*84.15*	
06 41 13 00-0134	EA	42" x 39" Reverse Blind Corner Base	410.03	51.18
		For Plastic Laminate On Particle Board, Deduct	*-107.70*	
		For Economy Grade, Deduct	*-61.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.77*	
		For High Grade, Add	*30.77*	
		For Higher Grade, Add	*61.54*	
		For Deluxe Grade, Add	*123.08*	
		For Custom Deluxe Grade, Add	*133.32*	
		For Custom Built In Place, Add	*87.16*	
06 41 13 00-0135	EA	45" x 45" Reverse Blind Corner Base	424.02	51.18
		For Plastic Laminate On Particle Board, Deduct	*-112.60*	
		For Economy Grade, Deduct	*-64.34*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.17*	
		For High Grade, Add	*32.17*	
		For Higher Grade, Add	*64.34*	
		For Deluxe Grade, Add	*128.68*	
		For Custom Deluxe Grade, Add	*138.91*	
		For Custom Built In Place, Add	*90.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0136	EA	36" Blind Corner Base Cabinet L/R	347.27	47.77
		For Plastic Laminate On Particle Board, Deduct	*-88.12*	
		For Economy Grade, Deduct	*-50.35*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.18*	
		For High Grade, Add	*25.18*	
		For Higher Grade, Add	*50.35*	
		For Deluxe Grade, Add	*100.70*	
		For Custom Deluxe Grade, Add	*110.26*	
		For Custom Built In Place, Add	*72.49*	
06 41 13 00-0137	EA	42" Blind Corner Base Cabinet L/R	382.07	51.18
		For Plastic Laminate On Particle Board, Deduct	*-97.91*	
		For Economy Grade, Deduct	*-55.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.97*	
		For High Grade, Add	*27.97*	
		For Higher Grade, Add	*55.95*	
		For Deluxe Grade, Add	*111.90*	
		For Custom Deluxe Grade, Add	*122.13*	
		For Custom Built In Place, Add	*80.17*	
06 41 13 00-0138	EA	48" Blind Corner Base Cabinet L/R	421.73	57.03
		For Plastic Laminate On Particle Board, Deduct	*-107.70*	
		For Economy Grade, Deduct	*-61.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.77*	
		For High Grade, Add	*30.77*	
		For Higher Grade, Add	*61.54*	
		For Deluxe Grade, Add	*123.08*	
		For Custom Deluxe Grade, Add	*134.49*	
		For Custom Built In Place, Add	*88.33*	
06 41 13 00-0139	EA	54" Blind Corner Base Cabinet L/R	458.86	60.45
		For Plastic Laminate On Particle Board, Deduct	*-118.30*	
		For Economy Grade, Deduct	*-67.60*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.80*	
		For High Grade, Add	*33.80*	
		For Higher Grade, Add	*67.60*	
		For Deluxe Grade, Add	*135.20*	
		For Custom Deluxe Grade, Add	*147.29*	
		For Custom Built In Place, Add	*96.59*	
06 41 13 00-0140	EA	60" Blind Corner Base Cabinet L/R	522.61	64.35
		For Plastic Laminate On Particle Board, Deduct	*-137.89*	
		For Economy Grade, Deduct	*-78.79*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-39.40*	
		For High Grade, Add	*39.40*	
		For Higher Grade, Add	*78.79*	
		For Deluxe Grade, Add	*157.58*	
		For Custom Deluxe Grade, Add	*170.45*	
		For Custom Built In Place, Add	*111.36*	
06 41 13 00-0141	EA	24" Roll Out Shelf Base Cabinet	493.87	39.48
		For Plastic Laminate On Particle Board, Deduct	*-145.23*	
		For Economy Grade, Deduct	*-82.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.49*	
		For High Grade, Add	*41.49*	
		For Higher Grade, Add	*82.99*	
		For Deluxe Grade, Add	*165.98*	
		For Custom Deluxe Grade, Add	*173.87*	
		For Custom Built In Place, Add	*111.63*	
06 41 13 00-0142	EA	30" Roll Out Shelf Base Cabinet	555.89	44.85
		For Plastic Laminate On Particle Board, Deduct	*-163.18*	
		For Economy Grade, Deduct	*-93.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-46.62*	
		For High Grade, Add	*46.62*	
		For Higher Grade, Add	*93.25*	
		For Deluxe Grade, Add	*186.49*	
		For Custom Deluxe Grade, Add	*195.46*	
		For Custom Built In Place, Add	*125.52*	
06 41 13 00-0143	EA	33" Roll Out Shelf Base Cabinet	569.87	44.85
		For Plastic Laminate On Particle Board, Deduct	*-168.07*	
		For Economy Grade, Deduct	*-96.04*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-48.02*	
		For High Grade, Add	*48.02*	
		For Higher Grade, Add	*96.04*	
		For Deluxe Grade, Add	*192.08*	
		For Custom Deluxe Grade, Add	*201.05*	
		For Custom Built In Place, Add	*129.02*	
06 41 13 00-0144	EA	36" Roll Out Shelf Base Cabinet	589.71	47.77
		For Plastic Laminate On Particle Board, Deduct	*-172.97*	
		For Economy Grade, Deduct	*-98.84*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-49.42*	
		For High Grade, Add	*49.42*	
		For Higher Grade, Add	*98.84*	
		For Deluxe Grade, Add	*197.68*	
		For Custom Deluxe Grade, Add	*207.23*	
		For Custom Built In Place, Add	*133.10*	
06 41 13 00-0145	EA	24" Enclosed Sink Base Cabinet, 1 Door, 1 Drawer With Tamper-Proof Screw Mounted Front Panel	293.39	39.48
		For Plastic Laminate On Particle Board, Deduct	*-75.06*	
		For Economy Grade, Deduct	*-42.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.45*	
		For High Grade, Add	*21.45*	
		For Higher Grade, Add	*42.89*	
		For Deluxe Grade, Add	*85.78*	
		For Custom Deluxe Grade, Add	*93.68*	
		For Custom Built In Place, Add	*61.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0146	EA	24" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	298.06	39.48
		For Plastic Laminate On Particle Board, Deduct	*-76.70*	
		For Economy Grade, Deduct	*-43.83*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.91*	
		For High Grade, Add	*21.91*	
		For Higher Grade, Add	*43.83*	
		For Deluxe Grade, Add	*87.65*	
		For Custom Deluxe Grade, Add	*95.55*	
		For Custom Built In Place, Add	*62.68*	
06 41 13 00-0147	EA	27" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	306.63	41.43
		For Plastic Laminate On Particle Board, Deduct	*-78.33*	
		For Economy Grade, Deduct	*-44.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.38*	
		For High Grade, Add	*22.38*	
		For Higher Grade, Add	*44.76*	
		For Deluxe Grade, Add	*89.52*	
		For Custom Deluxe Grade, Add	*97.80*	
		For Custom Built In Place, Add	*64.23*	
06 41 13 00-0148	EA	30" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	322.77	44.85
		For Plastic Laminate On Particle Board, Deduct	*-81.59*	
		For Economy Grade, Deduct	*-46.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.31*	
		For High Grade, Add	*23.31*	
		For Higher Grade, Add	*46.62*	
		For Deluxe Grade, Add	*93.24*	
		For Custom Deluxe Grade, Add	*102.21*	
		For Custom Built In Place, Add	*67.24*	
06 41 13 00-0149	EA	33" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	332.10	44.85
		For Plastic Laminate On Particle Board, Deduct	*-84.85*	
		For Economy Grade, Deduct	*-48.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.24*	
		For High Grade, Add	*24.24*	
		For Higher Grade, Add	*48.49*	
		For Deluxe Grade, Add	*96.98*	
		For Custom Deluxe Grade, Add	*105.94*	
		For Custom Built In Place, Add	*69.58*	
06 41 13 00-0150	EA	36" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	347.27	47.77
		For Plastic Laminate On Particle Board, Deduct	*-88.12*	
		For Economy Grade, Deduct	*-50.35*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.18*	
		For High Grade, Add	*25.18*	
		For Higher Grade, Add	*50.35*	
		For Deluxe Grade, Add	*100.70*	
		For Custom Deluxe Grade, Add	*110.26*	
		For Custom Built In Place, Add	*72.49*	
06 41 13 00-0151	EA	39" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	361.26	47.77
		For Plastic Laminate On Particle Board, Deduct	*-93.01*	
		For Economy Grade, Deduct	*-53.15*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.58*	
		For High Grade, Add	*26.58*	
		For Higher Grade, Add	*53.15*	
		For Deluxe Grade, Add	*106.30*	
		For Custom Deluxe Grade, Add	*115.85*	
		For Custom Built In Place, Add	*75.99*	
06 41 13 00-0152	EA	42" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	382.07	51.18
		For Plastic Laminate On Particle Board, Deduct	*-97.91*	
		For Economy Grade, Deduct	*-55.95*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.97*	
		For High Grade, Add	*27.97*	
		For Higher Grade, Add	*55.95*	
		For Deluxe Grade, Add	*111.90*	
		For Custom Deluxe Grade, Add	*122.13*	
		For Custom Built In Place, Add	*80.17*	
06 41 13 00-0153	EA	45" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	396.05	51.18
		For Plastic Laminate On Particle Board, Deduct	*-102.80*	
		For Economy Grade, Deduct	*-58.74*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.37*	
		For High Grade, Add	*29.37*	
		For Higher Grade, Add	*58.74*	
		For Deluxe Grade, Add	*117.49*	
		For Custom Deluxe Grade, Add	*127.72*	
		For Custom Built In Place, Add	*83.66*	
06 41 13 00-0154	EA	48" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	421.73	57.03
		For Plastic Laminate On Particle Board, Deduct	*-107.70*	
		For Economy Grade, Deduct	*-61.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.77*	
		For High Grade, Add	*30.77*	
		For Higher Grade, Add	*61.54*	
		For Deluxe Grade, Add	*123.08*	
		For Custom Deluxe Grade, Add	*134.49*	
		For Custom Built In Place, Add	*88.33*	
06 41 13 00-0155	EA	12" Base Cabinet (Full Height Doors)	238.12	25.83
		For Plastic Laminate On Particle Board, Deduct	*-65.27*	
		For Economy Grade, Deduct	*-37.30*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.65*	
		For High Grade, Add	*18.65*	
		For Higher Grade, Add	*37.30*	
		For Deluxe Grade, Add	*74.60*	
		For Custom Deluxe Grade, Add	*79.76*	
		For Custom Built In Place, Add	*51.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0156	EA	15" Base Cabinet (Full Height Doors)	263.26	30.23
		For Plastic Laminate On Particle Board, Deduct	*-70.98*	
		For Economy Grade, Deduct	*-40.56*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.28*	
		For High Grade, Add	*20.28*	
		For Higher Grade, Add	*40.56*	
		For Deluxe Grade, Add	*81.12*	
		For Custom Deluxe Grade, Add	*87.17*	
		For Custom Built In Place, Add	*56.75*	
06 41 13 00-0157	EA	18" Base Cabinet (Full Height Doors)	281.34	34.61
		For Plastic Laminate On Particle Board, Deduct	*-74.25*	
		For Economy Grade, Deduct	*-42.43*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.21*	
		For High Grade, Add	*21.21*	
		For Higher Grade, Add	*42.43*	
		For Deluxe Grade, Add	*84.85*	
		For Custom Deluxe Grade, Add	*91.77*	
		For Custom Built In Place, Add	*59.95*	
06 41 13 00-0158	EA	21" Base Cabinet (Full Height Doors)	305.49	38.51
		For Plastic Laminate On Particle Board, Deduct	*-79.96*	
		For Economy Grade, Deduct	*-45.69*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.85*	
		For High Grade, Add	*22.85*	
		For Higher Grade, Add	*45.69*	
		For Deluxe Grade, Add	*91.38*	
		For Custom Deluxe Grade, Add	*99.08*	
		For Custom Built In Place, Add	*64.82*	
06 41 13 00-0159	EA	24" Base Cabinet (Full Height Doors)	326.09	39.48
		For Plastic Laminate On Particle Board, Deduct	*-86.49*	
		For Economy Grade, Deduct	*-49.42*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-24.71*	
		For High Grade, Add	*24.71*	
		For Higher Grade, Add	*49.42*	
		For Deluxe Grade, Add	*98.84*	
		For Custom Deluxe Grade, Add	*106.74*	
		For Custom Built In Place, Add	*69.67*	
06 41 13 00-0160	EA	24" Base Cabinet, 2 Doors (Full Height Doors)	344.74	39.48
		For Plastic Laminate On Particle Board, Deduct	*-93.01*	
		For Economy Grade, Deduct	*-53.15*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.58*	
		For High Grade, Add	*26.58*	
		For Higher Grade, Add	*53.15*	
		For Deluxe Grade, Add	*106.30*	
		For Custom Deluxe Grade, Add	*114.20*	
		For Custom Built In Place, Add	*74.34*	
06 41 13 00-0161	EA	27" Base Cabinet (Full Height Doors)	367.24	41.43
		For Plastic Laminate On Particle Board, Deduct	*-99.54*	
		For Economy Grade, Deduct	*-56.88*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.44*	
		For High Grade, Add	*28.44*	
		For Higher Grade, Add	*56.88*	
		For Deluxe Grade, Add	*113.76*	
		For Custom Deluxe Grade, Add	*122.04*	
		For Custom Built In Place, Add	*79.38*	
06 41 13 00-0162	EA	30" Base Cabinet (Full Height Doors)	388.06	44.85
		For Plastic Laminate On Particle Board, Deduct	*-104.44*	
		For Economy Grade, Deduct	*-59.68*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.84*	
		For High Grade, Add	*29.84*	
		For Higher Grade, Add	*59.68*	
		For Deluxe Grade, Add	*119.36*	
		For Custom Deluxe Grade, Add	*128.32*	
		For Custom Built In Place, Add	*83.56*	
06 41 13 00-0163	EA	33" Base Cabinet (Full Height Doors)	402.04	44.85
		For Plastic Laminate On Particle Board, Deduct	*-109.33*	
		For Economy Grade, Deduct	*-62.47*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.24*	
		For High Grade, Add	*31.24*	
		For Higher Grade, Add	*62.47*	
		For Deluxe Grade, Add	*124.95*	
		For Custom Deluxe Grade, Add	*133.92*	
		For Custom Built In Place, Add	*87.06*	
06 41 13 00-0164	EA	36" Base Cabinet (Full Height Doors)	421.87	47.77
		For Plastic Laminate On Particle Board, Deduct	*-114.23*	
		For Economy Grade, Deduct	*-65.27*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.64*	
		For High Grade, Add	*32.64*	
		For Higher Grade, Add	*65.27*	
		For Deluxe Grade, Add	*130.54*	
		For Custom Deluxe Grade, Add	*140.10*	
		For Custom Built In Place, Add	*91.14*	
06 41 13 00-0165	EA	39" Base Cabinet (Full Height Doors)	435.86	47.77
		For Plastic Laminate On Particle Board, Deduct	*-119.12*	
		For Economy Grade, Deduct	*-68.07*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.04*	
		For High Grade, Add	*34.04*	
		For Higher Grade, Add	*68.07*	
		For Deluxe Grade, Add	*136.14*	
		For Custom Deluxe Grade, Add	*145.69*	
		For Custom Built In Place, Add	*94.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0166	EA	42" Base Cabinet (Full Height Doors)	456.65	51.18
		For Plastic Laminate On Particle Board, Deduct	*-124.02*	
		For Economy Grade, Deduct	*-70.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-35.43*	
		For High Grade, Add	*35.43*	
		For Higher Grade, Add	*70.87*	
		For Deluxe Grade, Add	*141.73*	
		For Custom Deluxe Grade, Add	*151.96*	
		For Custom Built In Place, Add	*98.81*	
06 41 13 00-0167	EA	48" Base Cabinet (Full Height Doors)	491.64	57.03
		For Plastic Laminate On Particle Board, Deduct	*-132.17*	
		For Economy Grade, Deduct	*-75.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.76*	
		For High Grade, Add	*37.76*	
		For Higher Grade, Add	*75.53*	
		For Deluxe Grade, Add	*151.06*	
		For Custom Deluxe Grade, Add	*162.46*	
		For Custom Built In Place, Add	*105.81*	
06 41 13 00-0168	EA	36" Lazy Susan Base Cabinet	561.71	47.77
		For Plastic Laminate On Particle Board, Deduct	*-163.18*	
		For Economy Grade, Deduct	*-93.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-46.62*	
		For High Grade, Add	*46.62*	
		For Higher Grade, Add	*93.25*	
		For Deluxe Grade, Add	*186.49*	
		For Custom Deluxe Grade, Add	*196.04*	
		For Custom Built In Place, Add	*126.11*	
06 41 13 00-0169	EA	27" Island Base Corner Cabinet	423.17	41.43
		For Plastic Laminate On Particle Board, Deduct	*-119.12*	
		For Economy Grade, Deduct	*-68.07*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.04*	
		For High Grade, Add	*34.04*	
		For Higher Grade, Add	*68.07*	
		For Deluxe Grade, Add	*136.14*	
		For Custom Deluxe Grade, Add	*144.42*	
		For Custom Built In Place, Add	*93.37*	
06 41 13 00-0170	EA	18" Sink Fronts	195.05	34.61
		For Plastic Laminate On Particle Board, Deduct	*-44.06*	
		For Economy Grade, Deduct	*-25.18*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.59*	
		For High Grade, Add	*12.59*	
		For Higher Grade, Add	*25.18*	
		For Deluxe Grade, Add	*50.35*	
		For Custom Deluxe Grade, Add	*57.27*	
		For Custom Built In Place, Add	*38.39*	
06 41 13 00-0171	EA	24" Sink Fronts	218.79	39.48
		For Plastic Laminate On Particle Board, Deduct	*-48.95*	
		For Economy Grade, Deduct	*-27.97*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.99*	
		For High Grade, Add	*13.99*	
		For Higher Grade, Add	*27.97*	
		For Deluxe Grade, Add	*55.95*	
		For Custom Deluxe Grade, Add	*63.84*	
		For Custom Built In Place, Add	*42.86*	
06 41 13 00-0172	EA	30" Sink Fronts	243.49	44.85
		For Plastic Laminate On Particle Board, Deduct	*-53.85*	
		For Economy Grade, Deduct	*-30.77*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.39*	
		For High Grade, Add	*15.39*	
		For Higher Grade, Add	*30.77*	
		For Deluxe Grade, Add	*61.54*	
		For Custom Deluxe Grade, Add	*70.50*	
		For Custom Built In Place, Add	*47.43*	
06 41 13 00-0173	EA	42" Sink Fronts	293.45	51.18
		For Plastic Laminate On Particle Board, Deduct	*-66.90*	
		For Economy Grade, Deduct	*-38.23*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.12*	
		For High Grade, Add	*19.12*	
		For Higher Grade, Add	*38.23*	
		For Deluxe Grade, Add	*76.46*	
		For Custom Deluxe Grade, Add	*86.69*	
		For Custom Built In Place, Add	*58.02*	
06 41 13 00-0174	EA	48" Sink Fronts	337.79	57.03
		For Plastic Laminate On Particle Board, Deduct	*-78.33*	
		For Economy Grade, Deduct	*-44.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.38*	
		For High Grade, Add	*22.38*	
		For Higher Grade, Add	*44.76*	
		For Deluxe Grade, Add	*89.52*	
		For Custom Deluxe Grade, Add	*100.92*	
		For Custom Built In Place, Add	*67.35*	
06 41 13 00-0175	EA	36" x 36" Diagonal Sink Fronts	235.38	47.77
		For Plastic Laminate On Particle Board, Deduct	*-48.95*	
		For Economy Grade, Deduct	*-27.97*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.99*	
		For High Grade, Add	*13.99*	
		For Higher Grade, Add	*27.97*	
		For Deluxe Grade, Add	*55.95*	
		For Custom Deluxe Grade, Add	*65.50*	
		For Custom Built In Place, Add	*44.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0176	EA	39" x 39" Diagonal Sink Fronts	249.36	47.77
		For Plastic Laminate On Particle Board, Deduct	*-53.85*	
		For Economy Grade, Deduct	*-30.77*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.39*	
		For High Grade, Add	*15.39*	
		For Higher Grade, Add	*30.77*	
		For Deluxe Grade, Add	*61.54*	
		For Custom Deluxe Grade, Add	*71.09*	
		For Custom Built In Place, Add	*48.01*	
06 41 13 00-0177	EA	42" x 42" Diagonal Sink Fronts	270.16	51.18
		For Plastic Laminate On Particle Board, Deduct	*-58.74*	
		For Economy Grade, Deduct	*-33.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.78*	
		For High Grade, Add	*16.78*	
		For Higher Grade, Add	*33.57*	
		For Deluxe Grade, Add	*67.14*	
		For Custom Deluxe Grade, Add	*77.37*	
		For Custom Built In Place, Add	*52.19*	
06 41 13 00-0178	EA	12" x 24" x 84" Broom Cabinet	517.86	25.83
		For Plastic Laminate On Particle Board, Deduct	*-163.18*	
		For Economy Grade, Deduct	*-93.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-46.62*	
		For High Grade, Add	*46.62*	
		For Higher Grade, Add	*93.25*	
		For Deluxe Grade, Add	*186.49*	
		For Custom Deluxe Grade, Add	*191.66*	
		For Custom Built In Place, Add	*121.72*	
06 41 13 00-0179	EA	15" x 24" x 84" Broom Cabinet	539.86	32.17
		For Plastic Laminate On Particle Board, Deduct	*-166.44*	
		For Economy Grade, Deduct	*-95.11*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-47.56*	
		For High Grade, Add	*47.56*	
		For Higher Grade, Add	*95.11*	
		For Deluxe Grade, Add	*190.22*	
		For Custom Deluxe Grade, Add	*196.65*	
		For Custom Built In Place, Add	*125.32*	
06 41 13 00-0180	EA	18" x 24" x 84" Broom Cabinet	545.30	30.23
		For Plastic Laminate On Particle Board, Deduct	*-169.71*	
		For Economy Grade, Deduct	*-96.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-48.49*	
		For High Grade, Add	*48.49*	
		For Higher Grade, Add	*96.98*	
		For Deluxe Grade, Add	*193.95*	
		For Custom Deluxe Grade, Add	*199.99*	
		For Custom Built In Place, Add	*127.26*	
06 41 13 00-0181	EA	24" x 24" x 84" Broom Cabinet	624.41	39.48
		For Plastic Laminate On Particle Board, Deduct	*-190.92*	
		For Economy Grade, Deduct	*-109.10*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-54.55*	
		For High Grade, Add	*54.55*	
		For Higher Grade, Add	*109.10*	
		For Deluxe Grade, Add	*218.20*	
		For Custom Deluxe Grade, Add	*226.09*	
		For Custom Built In Place, Add	*144.26*	
06 41 13 00-0182	EA	27" x 24" x 84" Broom Cabinet	681.89	41.43
		For Plastic Laminate On Particle Board, Deduct	*-209.69*	
		For Economy Grade, Deduct	*-119.82*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-59.91*	
		For High Grade, Add	*59.91*	
		For Higher Grade, Add	*119.82*	
		For Deluxe Grade, Add	*239.64*	
		For Custom Deluxe Grade, Add	*247.92*	
		For Custom Built In Place, Add	*158.05*	
06 41 13 00-0183	EA	30" x 24" x 84" Broom Cabinet	695.71	44.85
		For Plastic Laminate On Particle Board, Deduct	*-212.14*	
		For Economy Grade, Deduct	*-121.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-60.61*	
		For High Grade, Add	*60.61*	
		For Higher Grade, Add	*121.22*	
		For Deluxe Grade, Add	*242.44*	
		For Custom Deluxe Grade, Add	*251.40*	
		For Custom Built In Place, Add	*160.49*	
06 41 13 00-0184	EA	33" x 24" x 84" Broom Cabinet	812.26	44.85
		For Plastic Laminate On Particle Board, Deduct	*-252.93*	
		For Economy Grade, Deduct	*-144.53*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-72.27*	
		For High Grade, Add	*72.27*	
		For Higher Grade, Add	*144.53*	
		For Deluxe Grade, Add	*289.06*	
		For Custom Deluxe Grade, Add	*298.02*	
		For Custom Built In Place, Add	*189.62*	
06 41 13 00-0185	EA	36" x 24" x 84" Broom Cabinet	878.77	47.77
		For Plastic Laminate On Particle Board, Deduct	*-274.14*	
		For Economy Grade, Deduct	*-156.65*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-78.33*	
		For High Grade, Add	*78.33*	
		For Higher Grade, Add	*156.65*	
		For Deluxe Grade, Add	*313.30*	
		For Custom Deluxe Grade, Add	*322.86*	
		For Custom Built In Place, Add	*205.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0186	EA	12" x 12" x 84" Broom Cabinet	471.23	25.83
		For Plastic Laminate On Particle Board, Deduct	*-146.86*	
		For Economy Grade, Deduct	*-83.92*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.96*	
		For High Grade, Add	*41.96*	
		For Higher Grade, Add	*83.92*	
		For Deluxe Grade, Add	*167.84*	
		For Custom Deluxe Grade, Add	*173.00*	
		For Custom Built In Place, Add	*110.06*	
06 41 13 00-0187	EA	15" x 12" x 84" Broom Cabinet	493.24	32.17
		For Plastic Laminate On Particle Board, Deduct	*-150.13*	
		For Economy Grade, Deduct	*-85.79*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-42.89*	
		For High Grade, Add	*42.89*	
		For Higher Grade, Add	*85.79*	
		For Deluxe Grade, Add	*171.57*	
		For Custom Deluxe Grade, Add	*178.00*	
		For Custom Built In Place, Add	*113.66*	
06 41 13 00-0188	EA	18" x 12" x 84" Broom Cabinet	498.67	30.23
		For Plastic Laminate On Particle Board, Deduct	*-153.39*	
		For Economy Grade, Deduct	*-87.65*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-43.83*	
		For High Grade, Add	*43.83*	
		For Higher Grade, Add	*87.65*	
		For Deluxe Grade, Add	*175.30*	
		For Custom Deluxe Grade, Add	*181.34*	
		For Custom Built In Place, Add	*115.60*	
06 41 13 00-0189	EA	24" x 12" x 84" Broom Cabinet	577.78	39.48
		For Plastic Laminate On Particle Board, Deduct	*-174.60*	
		For Economy Grade, Deduct	*-99.77*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-49.89*	
		For High Grade, Add	*49.89*	
		For Higher Grade, Add	*99.77*	
		For Deluxe Grade, Add	*199.54*	
		For Custom Deluxe Grade, Add	*207.44*	
		For Custom Built In Place, Add	*132.61*	
06 41 13 00-0190	EA	27" x 12" x 84" Broom Cabinet	635.27	41.43
		For Plastic Laminate On Particle Board, Deduct	*-193.37*	
		For Economy Grade, Deduct	*-110.50*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-55.25*	
		For High Grade, Add	*55.25*	
		For Higher Grade, Add	*110.50*	
		For Deluxe Grade, Add	*220.99*	
		For Custom Deluxe Grade, Add	*229.27*	
		For Custom Built In Place, Add	*146.40*	
06 41 13 00-0191	EA	30" x 12" x 84" Broom Cabinet	649.08	44.85
		For Plastic Laminate On Particle Board, Deduct	*-195.81*	
		For Economy Grade, Deduct	*-111.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-55.95*	
		For High Grade, Add	*55.95*	
		For Higher Grade, Add	*111.89*	
		For Deluxe Grade, Add	*223.79*	
		For Custom Deluxe Grade, Add	*232.75*	
		For Custom Built In Place, Add	*148.83*	
06 41 13 00-0192	EA	33" x 12" x 84" Broom Cabinet	765.64	44.85
		For Plastic Laminate On Particle Board, Deduct	*-236.61*	
		For Economy Grade, Deduct	*-135.21*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-67.60*	
		For High Grade, Add	*67.60*	
		For Higher Grade, Add	*135.21*	
		For Deluxe Grade, Add	*270.41*	
		For Custom Deluxe Grade, Add	*279.37*	
		For Custom Built In Place, Add	*177.97*	
06 41 13 00-0193	EA	36" x 12" x 84" Broom Cabinet	832.15	47.77
		For Plastic Laminate On Particle Board, Deduct	*-257.82*	
		For Economy Grade, Deduct	*-147.33*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-73.66*	
		For High Grade, Add	*73.66*	
		For Higher Grade, Add	*147.33*	
		For Deluxe Grade, Add	*294.66*	
		For Custom Deluxe Grade, Add	*304.21*	
		For Custom Built In Place, Add	*193.71*	
06 41 13 00-0194	EA	27" x 24" x 84" Oven / Microwave Cabinet	782.18	41.43
		For Plastic Laminate On Particle Board, Deduct	*-244.77*	
		For Economy Grade, Deduct	*-139.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-69.93*	
		For High Grade, Add	*69.93*	
		For Higher Grade, Add	*139.87*	
		For Deluxe Grade, Add	*279.74*	
		For Custom Deluxe Grade, Add	*288.02*	
		For Custom Built In Place, Add	*183.12*	
06 41 13 00-0195	EA	30" x 24" x 84" Oven / Microwave Cabinet	835.63	44.85
		For Plastic Laminate On Particle Board, Deduct	*-261.09*	
		For Economy Grade, Deduct	*-149.19*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-74.60*	
		For High Grade, Add	*74.60*	
		For Higher Grade, Add	*149.19*	
		For Deluxe Grade, Add	*298.38*	
		For Custom Deluxe Grade, Add	*307.35*	
		For Custom Built In Place, Add	*195.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0196	EA	33" x 24" x 84" Oven / Microwave Cabinet	882.26	44.85
		For Plastic Laminate On Particle Board, Deduct	*-277.41*	
		For Economy Grade, Deduct	*-158.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-79.26*	
		For High Grade, Add	*79.26*	
		For Higher Grade, Add	*158.52*	
		For Deluxe Grade, Add	*317.04*	
		For Custom Deluxe Grade, Add	*326.00*	
		For Custom Built In Place, Add	*207.11*	
06 41 13 00-0197	EA	27" x 24" x 84" Universal Oven Cabinet	782.18	41.43
		For Plastic Laminate On Particle Board, Deduct	*-244.77*	
		For Economy Grade, Deduct	*-139.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-69.93*	
		For High Grade, Add	*69.93*	
		For Higher Grade, Add	*139.87*	
		For Deluxe Grade, Add	*279.74*	
		For Custom Deluxe Grade, Add	*288.02*	
		For Custom Built In Place, Add	*183.12*	
06 41 13 00-0198	EA	30" x 24" x 84" Universal Oven Cabinet	835.63	44.85
		For Plastic Laminate On Particle Board, Deduct	*-261.09*	
		For Economy Grade, Deduct	*-149.19*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-74.60*	
		For High Grade, Add	*74.60*	
		For Higher Grade, Add	*149.19*	
		For Deluxe Grade, Add	*298.38*	
		For Custom Deluxe Grade, Add	*307.35*	
		For Custom Built In Place, Add	*195.46*	
06 41 13 00-0199	EA	33" x 24" x 84" Universal Oven Cabinet	882.26	44.85
		For Plastic Laminate On Particle Board, Deduct	*-277.41*	
		For Economy Grade, Deduct	*-158.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-79.26*	
		For High Grade, Add	*79.26*	
		For Higher Grade, Add	*158.52*	
		For Deluxe Grade, Add	*317.04*	
		For Custom Deluxe Grade, Add	*326.00*	
		For Custom Built In Place, Add	*207.11*	
06 41 13 00-0200	EA	27" x 24" x 84" Double Oven Cabinet	782.18	41.43
		For Plastic Laminate On Particle Board, Deduct	*-244.77*	
		For Economy Grade, Deduct	*-139.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-69.93*	
		For High Grade, Add	*69.93*	
		For Higher Grade, Add	*139.87*	
		For Deluxe Grade, Add	*279.74*	
		For Custom Deluxe Grade, Add	*288.02*	
		For Custom Built In Place, Add	*183.12*	
06 41 13 00-0201	EA	30" x 24" x 84" Double Oven Cabinet	835.62	44.85
		For Plastic Laminate On Particle Board, Deduct	*-261.09*	
		For Economy Grade, Deduct	*-149.19*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-74.60*	
		For High Grade, Add	*74.60*	
		For Higher Grade, Add	*149.19*	
		For Deluxe Grade, Add	*298.38*	
		For Custom Deluxe Grade, Add	*307.35*	
		For Custom Built In Place, Add	*195.46*	
06 41 13 00-0202	EA	33" x 24" x 84" Double Oven Cabinet	882.25	44.85
		For Plastic Laminate On Particle Board, Deduct	*-277.41*	
		For Economy Grade, Deduct	*-158.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-79.26*	
		For High Grade, Add	*79.26*	
		For Higher Grade, Add	*158.52*	
		For Deluxe Grade, Add	*317.04*	
		For Custom Deluxe Grade, Add	*326.00*	
		For Custom Built In Place, Add	*207.11*	
06 41 13 00-0203	EA	30" x 12" x 48" Library Cabinet	580.30	57.03
		For Plastic Laminate On Particle Board, Deduct	*-163.18*	
		For Economy Grade, Deduct	*-93.25*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-46.62*	
		For High Grade, Add	*46.62*	
		For Higher Grade, Add	*93.25*	
		For Deluxe Grade, Add	*186.49*	
		For Custom Deluxe Grade, Add	*197.90*	
		For Custom Built In Place, Add	*127.96*	
06 41 13 00-0204	EA	30" x 12" x 54" Library Cabinet	664.05	60.45
		For Plastic Laminate On Particle Board, Deduct	*-190.10*	
		For Economy Grade, Deduct	*-108.63*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-54.32*	
		For High Grade, Add	*54.32*	
		For Higher Grade, Add	*108.63*	
		For Deluxe Grade, Add	*217.26*	
		For Custom Deluxe Grade, Add	*229.35*	
		For Custom Built In Place, Add	*147.88*	
06 41 13 00-0205	EA	30" x 12" x 60" Library Cabinet	746.44	64.35
		For Plastic Laminate On Particle Board, Deduct	*-216.21*	
		For Economy Grade, Deduct	*-123.55*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-61.78*	
		For High Grade, Add	*61.78*	
		For Higher Grade, Add	*123.55*	
		For Deluxe Grade, Add	*247.10*	
		For Custom Deluxe Grade, Add	*259.97*	
		For Custom Built In Place, Add	*167.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0206	EA	30" x 12" x 66" Library Cabinet	830.95	65.81
		For Plastic Laminate On Particle Board, Deduct	*-244.77*	
		For Economy Grade, Deduct	*-139.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-69.93*	
		For High Grade, Add	*69.93*	
		For Higher Grade, Add	*139.87*	
		For Deluxe Grade, Add	*279.74*	
		For Custom Deluxe Grade, Add	*292.90*	
		For Custom Built In Place, Add	*188.00*	
06 41 13 00-0207	EA	30" x 12" x 48" Library Cabinet - C	650.27	57.03
		For Plastic Laminate On Particle Board, Deduct	*-187.66*	
		For Economy Grade, Deduct	*-107.23*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-53.62*	
		For High Grade, Add	*53.62*	
		For Higher Grade, Add	*107.23*	
		For Deluxe Grade, Add	*214.46*	
		For Custom Deluxe Grade, Add	*225.88*	
		For Custom Built In Place, Add	*145.45*	
06 41 13 00-0208	EA	30" x 12" x 54" Library Cabinet - C	738.65	60.45
		For Plastic Laminate On Particle Board, Deduct	*-216.21*	
		For Economy Grade, Deduct	*-123.55*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-61.78*	
		For High Grade, Add	*61.78*	
		For Higher Grade, Add	*123.55*	
		For Deluxe Grade, Add	*247.10*	
		For Custom Deluxe Grade, Add	*259.19*	
		For Custom Built In Place, Add	*166.53*	
06 41 13 00-0209	EA	30" x 12" x 60" Library Cabinet - C	828.04	64.35
		For Plastic Laminate On Particle Board, Deduct	*-244.77*	
		For Economy Grade, Deduct	*-139.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-69.93*	
		For High Grade, Add	*69.93*	
		For Higher Grade, Add	*139.87*	
		For Deluxe Grade, Add	*279.74*	
		For Custom Deluxe Grade, Add	*292.61*	
		For Custom Built In Place, Add	*187.71*	
06 41 13 00-0210	EA	30" x 12" x 66" Library Cabinet - C	900.89	65.81
		For Plastic Laminate On Particle Board, Deduct	*-269.24*	
		For Economy Grade, Deduct	*-153.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-76.93*	
		For High Grade, Add	*76.93*	
		For Higher Grade, Add	*153.85*	
		For Deluxe Grade, Add	*307.71*	
		For Custom Deluxe Grade, Add	*320.87*	
		For Custom Built In Place, Add	*205.48*	
06 41 13 00-0211	LF	Finished Wood Tops	69.98	5.85
		For Plastic Laminate On Particle Board, Deduct	*-20.40*	
		For Economy Grade, Deduct	*-11.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-5.83*	
		For High Grade, Add	*5.83*	
		For Higher Grade, Add	*11.66*	
		For Deluxe Grade, Add	*23.31*	
		For Custom Deluxe Grade, Add	*24.48*	
		For Custom Built In Place, Add	*15.74*	
06 41 13 00-0212	EA	24" Vanity Sink Base, 2 Drawer	274.80	39.48
		For Plastic Laminate On Particle Board, Deduct	*-68.54*	
		For Economy Grade, Deduct	*-39.16*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.58*	
		For High Grade, Add	*19.58*	
		For Higher Grade, Add	*39.16*	
		For Deluxe Grade, Add	*78.33*	
		For Custom Deluxe Grade, Add	*86.23*	
		For Custom Built In Place, Add	*56.85*	
06 41 13 00-0213	EA	27" Vanity Sink Base	288.02	41.43
		For Plastic Laminate On Particle Board, Deduct	*-71.80*	
		For Economy Grade, Deduct	*-41.03*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.51*	
		For High Grade, Add	*20.51*	
		For Higher Grade, Add	*41.03*	
		For Deluxe Grade, Add	*82.06*	
		For Custom Deluxe Grade, Add	*90.34*	
		For Custom Built In Place, Add	*59.57*	
06 41 13 00-0214	EA	30" Vanity Sink Base	299.50	44.85
		For Plastic Laminate On Particle Board, Deduct	*-73.43*	
		For Economy Grade, Deduct	*-41.96*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.98*	
		For High Grade, Add	*20.98*	
		For Higher Grade, Add	*41.96*	
		For Deluxe Grade, Add	*83.92*	
		For Custom Deluxe Grade, Add	*92.89*	
		For Custom Built In Place, Add	*61.42*	
06 41 13 00-0215	EA	36" Vanity Sink Base	328.66	47.77
		For Plastic Laminate On Particle Board, Deduct	*-81.59*	
		For Economy Grade, Deduct	*-46.62*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.31*	
		For High Grade, Add	*23.31*	
		For Higher Grade, Add	*46.62*	
		For Deluxe Grade, Add	*93.24*	
		For Custom Deluxe Grade, Add	*102.80*	
		For Custom Built In Place, Add	*67.83*	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0216 EA 42" Vanity Sink Base	405.43	51.18
For Plastic Laminate On Particle Board, Deduct	*-106.07*	
For Economy Grade, Deduct	*-60.61*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.31*	
For High Grade, Add	*30.31*	
For Higher Grade, Add	*60.61*	
For Deluxe Grade, Add	*121.22*	
For Custom Deluxe Grade, Add	*131.46*	
For Custom Built In Place, Add	*86.00*	
06 41 13 00-0217 EA 36" Vanity Sink Base With Drawer On Each End	365.96	47.77
For Plastic Laminate On Particle Board, Deduct	*-94.64*	
For Economy Grade, Deduct	*-54.08*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.04*	
For High Grade, Add	*27.04*	
For Higher Grade, Add	*54.08*	
For Deluxe Grade, Add	*108.16*	
For Custom Deluxe Grade, Add	*117.72*	
For Custom Built In Place, Add	*77.16*	
06 41 13 00-0218 EA 42" Vanity Sink Base With Drawer On Each End	396.10	51.18
For Plastic Laminate On Particle Board, Deduct	*-102.80*	
For Economy Grade, Deduct	*-58.74*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.37*	
For High Grade, Add	*29.37*	
For Higher Grade, Add	*58.74*	
For Deluxe Grade, Add	*117.49*	
For Custom Deluxe Grade, Add	*127.73*	
For Custom Built In Place, Add	*83.67*	
06 41 13 00-0219 EA 48" Vanity Sink Base With Drawer On Each End	435.78	57.03
For Plastic Laminate On Particle Board, Deduct	*-112.60*	
For Economy Grade, Deduct	*-64.34*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.17*	
For High Grade, Add	*32.17*	
For Higher Grade, Add	*64.34*	
For Deluxe Grade, Add	*128.68*	
For Custom Deluxe Grade, Add	*140.09*	
For Custom Built In Place, Add	*91.83*	
06 41 13 00-0220 EA 54" Combo Vanity With Sink Center	470.57	60.45
For Plastic Laminate On Particle Board, Deduct	*-122.38*	
For Economy Grade, Deduct	*-69.93*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.97*	
For High Grade, Add	*34.97*	
For Higher Grade, Add	*69.93*	
For Deluxe Grade, Add	*139.87*	
For Custom Deluxe Grade, Add	*151.96*	
For Custom Built In Place, Add	*99.51*	
06 41 13 00-0221 EA 60" Combo Vanity With Sink Center	520.33	64.35
For Plastic Laminate On Particle Board, Deduct	*-137.07*	
For Economy Grade, Deduct	*-78.33*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-39.16*	
For High Grade, Add	*39.16*	
For Higher Grade, Add	*78.33*	
For Deluxe Grade, Add	*156.65*	
For Custom Deluxe Grade, Add	*169.52*	
For Custom Built In Place, Add	*110.78*	
06 41 13 00-0222 EA 66" Combo Vanity With Sink Center	551.24	65.81
For Plastic Laminate On Particle Board, Deduct	*-146.86*	
For Economy Grade, Deduct	*-83.92*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-41.96*	
For High Grade, Add	*41.96*	
For Higher Grade, Add	*83.92*	
For Deluxe Grade, Add	*167.84*	
For Custom Deluxe Grade, Add	*181.00*	
For Custom Built In Place, Add	*118.06*	
06 41 13 00-0223 EA 72" Combo Vanity With Sink Center	579.42	68.25
For Plastic Laminate On Particle Board, Deduct	*-155.02*	
For Economy Grade, Deduct	*-88.58*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-44.29*	
For High Grade, Add	*44.29*	
For Higher Grade, Add	*88.58*	
For Deluxe Grade, Add	*177.17*	
For Custom Deluxe Grade, Add	*190.82*	
For Custom Built In Place, Add	*124.38*	
06 41 13 00-0224 EA 24" Vanity Sink Base, Full Height Doors, 2 Doors	265.47	39.48
For Plastic Laminate On Particle Board, Deduct	*-65.27*	
For Economy Grade, Deduct	*-37.30*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.65*	
For High Grade, Add	*18.65*	
For Higher Grade, Add	*37.30*	
For Deluxe Grade, Add	*74.60*	
For Custom Deluxe Grade, Add	*82.49*	
For Custom Built In Place, Add	*54.52*	
06 41 13 00-0225 EA 27" Vanity Sink Base, Full Height Doors	278.70	41.43
For Plastic Laminate On Particle Board, Deduct	*-68.54*	
For Economy Grade, Deduct	*-39.16*	
For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.58*	
For High Grade, Add	*19.58*	
For Higher Grade, Add	*39.16*	
For Deluxe Grade, Add	*78.33*	
For Custom Deluxe Grade, Add	*86.62*	
For Custom Built In Place, Add	*57.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0226	EA	30" Vanity Sink Base, Full Height Doors	290.18	44.85
		For Plastic Laminate On Particle Board, Deduct	*-70.17*	
		For Economy Grade, Deduct	*-40.10*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.05*	
		For High Grade, Add	*20.05*	
		For Higher Grade, Add	*40.10*	
		For Deluxe Grade, Add	*80.19*	
		For Custom Deluxe Grade, Add	*89.16*	
		For Custom Built In Place, Add	*59.09*	
06 41 13 00-0227	EA	36" Vanity Sink Base, Full Height Doors	319.34	47.77
		For Plastic Laminate On Particle Board, Deduct	*-78.33*	
		For Economy Grade, Deduct	*-44.76*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.38*	
		For High Grade, Add	*22.38*	
		For Higher Grade, Add	*44.76*	
		For Deluxe Grade, Add	*89.52*	
		For Custom Deluxe Grade, Add	*99.07*	
		For Custom Built In Place, Add	*65.50*	
06 41 13 00-0228	EA	42" Vanity Sink Base, Full Height Doors	363.47	51.18
		For Plastic Laminate On Particle Board, Deduct	*-91.38*	
		For Economy Grade, Deduct	*-52.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.11*	
		For High Grade, Add	*26.11*	
		For Higher Grade, Add	*52.22*	
		For Deluxe Grade, Add	*104.44*	
		For Custom Deluxe Grade, Add	*114.67*	
		For Custom Built In Place, Add	*75.51*	
06 41 13 00-0229	EA	48" Vanity Sink Base, Full Height Doors	398.48	57.03
		For Plastic Laminate On Particle Board, Deduct	*-99.54*	
		For Economy Grade, Deduct	*-56.88*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.44*	
		For High Grade, Add	*28.44*	
		For Higher Grade, Add	*56.88*	
		For Deluxe Grade, Add	*113.76*	
		For Custom Deluxe Grade, Add	*125.17*	
		For Custom Built In Place, Add	*82.51*	
06 41 13 00-0230	EA	24" Vanity Sink Base With 2 Sink Blanks And Drawers	354.05	39.48
		For Plastic Laminate On Particle Board, Deduct	*-96.27*	
		For Economy Grade, Deduct	*-55.01*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.51*	
		For High Grade, Add	*27.51*	
		For Higher Grade, Add	*55.01*	
		For Deluxe Grade, Add	*110.03*	
		For Custom Deluxe Grade, Add	*117.93*	
		For Custom Built In Place, Add	*76.67*	
06 41 13 00-0231	EA	30" Vanity Sink Base With 2 Sink Blanks And Drawers	378.76	44.85
		For Plastic Laminate On Particle Board, Deduct	*-101.17*	
		For Economy Grade, Deduct	*-57.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.91*	
		For High Grade, Add	*28.91*	
		For Higher Grade, Add	*57.81*	
		For Deluxe Grade, Add	*115.62*	
		For Custom Deluxe Grade, Add	*124.59*	
		For Custom Built In Place, Add	*81.24*	
06 41 13 00-0232	EA	36" Vanity Sink Base With 2 Sink Blanks And Drawers	398.60	47.77
		For Plastic Laminate On Particle Board, Deduct	*-106.07*	
		For Economy Grade, Deduct	*-60.61*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.31*	
		For High Grade, Add	*30.31*	
		For Higher Grade, Add	*60.61*	
		For Deluxe Grade, Add	*121.22*	
		For Custom Deluxe Grade, Add	*130.78*	
		For Custom Built In Place, Add	*85.32*	
06 41 13 00-0233	EA	18" Vanity Drawer Base, 2 Drawer	355.96	34.61
		For Plastic Laminate On Particle Board, Deduct	*-100.36*	
		For Economy Grade, Deduct	*-57.35*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.67*	
		For High Grade, Add	*28.67*	
		For Higher Grade, Add	*57.35*	
		For Deluxe Grade, Add	*114.69*	
		For Custom Deluxe Grade, Add	*121.62*	
		For Custom Built In Place, Add	*78.61*	
06 41 13 00-0234	EA	21" Vanity Drawer Base, 2 Drawer	408.05	38.51
		For Plastic Laminate On Particle Board, Deduct	*-115.86*	
		For Economy Grade, Deduct	*-66.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.10*	
		For High Grade, Add	*33.10*	
		For Higher Grade, Add	*66.20*	
		For Deluxe Grade, Add	*132.41*	
		For Custom Deluxe Grade, Add	*140.11*	
		For Custom Built In Place, Add	*90.46*	
06 41 13 00-0235	EA	24" Vanity Drawer Base, 2 Drawer	433.31	39.48
		For Plastic Laminate On Particle Board, Deduct	*-124.02*	
		For Economy Grade, Deduct	*-70.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-35.43*	
		For High Grade, Add	*35.43*	
		For Higher Grade, Add	*70.87*	
		For Deluxe Grade, Add	*141.73*	
		For Custom Deluxe Grade, Add	*149.63*	
		For Custom Built In Place, Add	*96.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0236	EA	12" Vanity Drawer Base, 3 Drawer	312.77	25.83
		For Plastic Laminate On Particle Board, Deduct	*-91.38*	
		For Economy Grade, Deduct	*-52.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.11*	
		For High Grade, Add	*26.11*	
		For Higher Grade, Add	*52.22*	
		For Deluxe Grade, Add	*104.44*	
		For Custom Deluxe Grade, Add	*109.60*	
		For Custom Built In Place, Add	*70.44*	
06 41 13 00-0237	EA	15" Vanity Drawer Base, 3 Drawer	344.85	30.23
		For Plastic Laminate On Particle Board, Deduct	*-99.54*	
		For Economy Grade, Deduct	*-56.88*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.44*	
		For High Grade, Add	*28.44*	
		For Higher Grade, Add	*56.88*	
		For Deluxe Grade, Add	*113.76*	
		For Custom Deluxe Grade, Add	*119.81*	
		For Custom Built In Place, Add	*77.15*	
06 41 13 00-0238	EA	18" Vanity Drawer Base, 3 Drawer	376.94	34.61
		For Plastic Laminate On Particle Board, Deduct	*-107.70*	
		For Economy Grade, Deduct	*-61.54*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.77*	
		For High Grade, Add	*30.77*	
		For Higher Grade, Add	*61.54*	
		For Deluxe Grade, Add	*123.08*	
		For Custom Deluxe Grade, Add	*130.01*	
		For Custom Built In Place, Add	*83.85*	
06 41 13 00-0239	EA	21" Vanity Drawer Base, 3 Drawer	408.05	38.51
		For Plastic Laminate On Particle Board, Deduct	*-115.86*	
		For Economy Grade, Deduct	*-66.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.10*	
		For High Grade, Add	*33.10*	
		For Higher Grade, Add	*66.20*	
		For Deluxe Grade, Add	*132.41*	
		For Custom Deluxe Grade, Add	*140.11*	
		For Custom Built In Place, Add	*90.46*	
06 41 13 00-0240	EA	24" Vanity Drawer Base, 3 Drawer	433.31	39.48
		For Plastic Laminate On Particle Board, Deduct	*-124.02*	
		For Economy Grade, Deduct	*-70.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-35.43*	
		For High Grade, Add	*35.43*	
		For Higher Grade, Add	*70.87*	
		For Deluxe Grade, Add	*141.73*	
		For Custom Deluxe Grade, Add	*149.63*	
		For Custom Built In Place, Add	*96.48*	
06 41 13 00-0241	EA	12" Vanity Base Cabinet	214.86	25.83
		For Plastic Laminate On Particle Board, Deduct	*-57.11*	
		For Economy Grade, Deduct	*-32.64*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.32*	
		For High Grade, Add	*16.32*	
		For Higher Grade, Add	*32.64*	
		For Deluxe Grade, Add	*65.27*	
		For Custom Deluxe Grade, Add	*70.44*	
		For Custom Built In Place, Add	*45.96*	
06 41 13 00-0242	EA	15" Vanity Base Cabinet	228.29	30.23
		For Plastic Laminate On Particle Board, Deduct	*-58.74*	
		For Economy Grade, Deduct	*-33.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.78*	
		For High Grade, Add	*16.78*	
		For Higher Grade, Add	*33.57*	
		For Deluxe Grade, Add	*67.14*	
		For Custom Deluxe Grade, Add	*73.18*	
		For Custom Built In Place, Add	*48.01*	
06 41 13 00-0243	EA	18" Vanity Base Cabinet	241.73	34.61
		For Plastic Laminate On Particle Board, Deduct	*-60.38*	
		For Economy Grade, Deduct	*-34.50*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.25*	
		For High Grade, Add	*17.25*	
		For Higher Grade, Add	*34.50*	
		For Deluxe Grade, Add	*69.00*	
		For Custom Deluxe Grade, Add	*75.92*	
		For Custom Built In Place, Add	*50.05*	
06 41 13 00-0244	EA	21" Vanity Base Cabinet	268.18	38.51
		For Plastic Laminate On Particle Board, Deduct	*-66.90*	
		For Economy Grade, Deduct	*-38.23*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.12*	
		For High Grade, Add	*19.12*	
		For Higher Grade, Add	*38.23*	
		For Deluxe Grade, Add	*76.46*	
		For Custom Deluxe Grade, Add	*84.16*	
		For Custom Built In Place, Add	*55.49*	
06 41 13 00-0245	EA	24" Vanity Base Cabinet	279.46	39.48
		For Plastic Laminate On Particle Board, Deduct	*-70.17*	
		For Economy Grade, Deduct	*-40.10*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.05*	
		For High Grade, Add	*20.05*	
		For Higher Grade, Add	*40.10*	
		For Deluxe Grade, Add	*80.19*	
		For Custom Deluxe Grade, Add	*88.09*	
		For Custom Built In Place, Add	*58.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0246	EA	24" Vanity Base Cabinet, 2 Drawer	293.44	39.48
		For Plastic Laminate On Particle Board, Deduct	*-75.06*	
		For Economy Grade, Deduct	*-42.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.45*	
		For High Grade, Add	*21.45*	
		For Higher Grade, Add	*42.89*	
		For Deluxe Grade, Add	*85.78*	
		For Custom Deluxe Grade, Add	*93.68*	
		For Custom Built In Place, Add	*61.51*	
06 41 13 00-0247	EA	27" Vanity Base Cabinet	313.66	41.43
		For Plastic Laminate On Particle Board, Deduct	*-80.77*	
		For Economy Grade, Deduct	*-46.16*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.08*	
		For High Grade, Add	*23.08*	
		For Higher Grade, Add	*46.16*	
		For Deluxe Grade, Add	*92.31*	
		For Custom Deluxe Grade, Add	*100.60*	
		For Custom Built In Place, Add	*65.98*	
06 41 13 00-0248	EA	30" Vanity Base Cabinet	350.79	44.85
		For Plastic Laminate On Particle Board, Deduct	*-91.38*	
		For Economy Grade, Deduct	*-52.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.11*	
		For High Grade, Add	*26.11*	
		For Higher Grade, Add	*52.22*	
		For Deluxe Grade, Add	*104.44*	
		For Custom Deluxe Grade, Add	*113.41*	
		For Custom Built In Place, Add	*74.24*	
06 41 13 00-0249	EA	33" Vanity Base Cabinet	378.76	44.85
		For Plastic Laminate On Particle Board, Deduct	*-101.17*	
		For Economy Grade, Deduct	*-57.81*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.91*	
		For High Grade, Add	*28.91*	
		For Higher Grade, Add	*57.81*	
		For Deluxe Grade, Add	*115.62*	
		For Custom Deluxe Grade, Add	*124.59*	
		For Custom Built In Place, Add	*81.24*	
06 41 13 00-0250	EA	36" Vanity Base Cabinet	410.25	47.77
		For Plastic Laminate On Particle Board, Deduct	*-110.15*	
		For Economy Grade, Deduct	*-62.94*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.47*	
		For High Grade, Add	*31.47*	
		For Higher Grade, Add	*62.94*	
		For Deluxe Grade, Add	*125.88*	
		For Custom Deluxe Grade, Add	*135.44*	
		For Custom Built In Place, Add	*88.23*	
06 41 13 00-0251	EA	24" x 36" x 8" Toilet Topper	330.86	30.23
		For Plastic Laminate On Particle Board, Deduct	*-94.64*	
		For Economy Grade, Deduct	*-54.08*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.04*	
		For High Grade, Add	*27.04*	
		For Higher Grade, Add	*54.08*	
		For Deluxe Grade, Add	*108.16*	
		For Custom Deluxe Grade, Add	*114.21*	
		For Custom Built In Place, Add	*73.65*	
06 41 13 00-0252	EA	18" x 16" Full Height Vanity	218.44	34.61
		For Plastic Laminate On Particle Board, Deduct	*-52.22*	
		For Economy Grade, Deduct	*-29.84*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.92*	
		For High Grade, Add	*14.92*	
		For Higher Grade, Add	*29.84*	
		For Deluxe Grade, Add	*59.68*	
		For Custom Deluxe Grade, Add	*66.60*	
		For Custom Built In Place, Add	*44.22*	
06 41 13 00-0253	EA	54" Combo Vanity For 2 Sinks	507.87	60.45
		For Plastic Laminate On Particle Board, Deduct	*-135.44*	
		For Economy Grade, Deduct	*-77.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-38.70*	
		For High Grade, Add	*38.70*	
		For Higher Grade, Add	*77.39*	
		For Deluxe Grade, Add	*154.79*	
		For Custom Deluxe Grade, Add	*166.88*	
		For Custom Built In Place, Add	*108.83*	
06 41 13 00-0254	EA	60" Combo Vanity For 2 Sinks	532.58	65.81
		For Plastic Laminate On Particle Board, Deduct	*-140.34*	
		For Economy Grade, Deduct	*-80.19*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-40.10*	
		For High Grade, Add	*40.10*	
		For Higher Grade, Add	*80.19*	
		For Deluxe Grade, Add	*160.38*	
		For Custom Deluxe Grade, Add	*173.55*	
		For Custom Built In Place, Add	*113.40*	
06 41 13 00-0255	EA	48" Combo Vanity With Drawer Base Each End	603.62	57.03
		For Plastic Laminate On Particle Board, Deduct	*-171.34*	
		For Economy Grade, Deduct	*-97.91*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-48.95*	
		For High Grade, Add	*48.95*	
		For Higher Grade, Add	*97.91*	
		For Deluxe Grade, Add	*195.82*	
		For Custom Deluxe Grade, Add	*207.22*	
		For Custom Built In Place, Add	*133.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0256	EA	54" Combo Vanity With Drawer Base Each End	638.41	60.45
		For Plastic Laminate On Particle Board, Deduct	*-181.13*	
		For Economy Grade, Deduct	*-103.50*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-51.75*	
		For High Grade, Add	*51.75*	
		For Higher Grade, Add	*103.50*	
		For Deluxe Grade, Add	*207.00*	
		For Custom Deluxe Grade, Add	*219.09*	
		For Custom Built In Place, Add	*141.47*	
06 41 13 00-0257	EA	60" Combo Vanity With Drawer Base Each End	688.17	64.35
		For Plastic Laminate On Particle Board, Deduct	*-195.81*	
		For Economy Grade, Deduct	*-111.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-55.95*	
		For High Grade, Add	*55.95*	
		For Higher Grade, Add	*111.89*	
		For Deluxe Grade, Add	*223.79*	
		For Custom Deluxe Grade, Add	*236.66*	
		For Custom Built In Place, Add	*152.74*	
06 41 13 00-0258	EA	66" Combo Vanity With Drawer Base Each End	719.07	65.81
		For Plastic Laminate On Particle Board, Deduct	*-205.61*	
		For Economy Grade, Deduct	*-117.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-58.75*	
		For High Grade, Add	*58.75*	
		For Higher Grade, Add	*117.49*	
		For Deluxe Grade, Add	*234.98*	
		For Custom Deluxe Grade, Add	*248.14*	
		For Custom Built In Place, Add	*160.02*	
06 41 13 00-0259	EA	72" Combo Vanity With Drawer Base Each End	747.26	68.25
		For Plastic Laminate On Particle Board, Deduct	*-213.77*	
		For Economy Grade, Deduct	*-122.15*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-61.08*	
		For High Grade, Add	*61.08*	
		For Higher Grade, Add	*122.15*	
		For Deluxe Grade, Add	*244.30*	
		For Custom Deluxe Grade, Add	*257.95*	
		For Custom Built In Place, Add	*166.34*	
06 41 13 00-0260	EA	6" x 30" Wall Quarter Circle Shelf	128.61	25.83
		For Plastic Laminate On Particle Board, Deduct	*-26.93*	
		For Economy Grade, Deduct	*-15.39*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.69*	
		For High Grade, Add	*7.69*	
		For Higher Grade, Add	*15.39*	
		For Deluxe Grade, Add	*30.77*	
		For Custom Deluxe Grade, Add	*35.94*	
		For Custom Built In Place, Add	*24.40*	
06 41 13 00-0261	EA	6" x 52" Wall Quarter Circle Shelf	151.36	30.23
		For Plastic Laminate On Particle Board, Deduct	*-31.82*	
		For Economy Grade, Deduct	*-18.18*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.09*	
		For High Grade, Add	*9.09*	
		For Higher Grade, Add	*18.18*	
		For Deluxe Grade, Add	*36.36*	
		For Custom Deluxe Grade, Add	*42.41*	
		For Custom Built In Place, Add	*28.77*	
06 41 13 00-0262	EA	12" x 96", 3/4" Utility Shelf	61.25	7.31
		For Plastic Laminate On Particle Board, Deduct	*-16.32*	
		For Economy Grade, Deduct	*-9.32*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-4.66*	
		For High Grade, Add	*4.66*	
		For Higher Grade, Add	*9.32*	
		For Deluxe Grade, Add	*18.65*	
		For Custom Deluxe Grade, Add	*20.11*	
		For Custom Built In Place, Add	*13.12*	
06 41 13 00-0263	EA	24" x 96", 3/4" Utility Shelf	107.88	7.31
		For Plastic Laminate On Particle Board, Deduct	*-32.64*	
		For Economy Grade, Deduct	*-18.65*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.33*	
		For High Grade, Add	*9.33*	
		For Higher Grade, Add	*18.65*	
		For Deluxe Grade, Add	*37.30*	
		For Custom Deluxe Grade, Add	*38.76*	
		For Custom Built In Place, Add	*24.78*	
06 41 13 00-0264	EA	9" x 9" Shelf Brace Support	47.47	9.75
		For Plastic Laminate On Particle Board, Deduct	*-9.79*	
		For Economy Grade, Deduct	*-5.59*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.80*	
		For High Grade, Add	*2.80*	
		For Higher Grade, Add	*5.59*	
		For Deluxe Grade, Add	*11.19*	
		For Custom Deluxe Grade, Add	*13.14*	
		For Custom Built In Place, Add	*8.94*	
06 41 13 00-0265	EA	24" Wall Decorator End Panels	77.78	9.75
		For Plastic Laminate On Particle Board, Deduct	*-20.40*	
		For Economy Grade, Deduct	*-11.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-5.83*	
		For High Grade, Add	*5.83*	
		For Higher Grade, Add	*11.66*	
		For Deluxe Grade, Add	*23.31*	
		For Custom Deluxe Grade, Add	*25.26*	
		For Custom Built In Place, Add	*16.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0266	EA	30" Wall Decorator End Panels	79.73	10.73
		For Plastic Laminate On Particle Board, Deduct	*-20.40*	
		For Economy Grade, Deduct	*-11.66*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-5.83*	
		For High Grade, Add	*5.83*	
		For Higher Grade, Add	*11.66*	
		For Deluxe Grade, Add	*23.31*	
		For Custom Deluxe Grade, Add	*25.46*	
		For Custom Built In Place, Add	*16.72*	
06 41 13 00-0267	EA	42" Wall Decorator End Panels	94.30	12.18
		For Plastic Laminate On Particle Board, Deduct	*-24.48*	
		For Economy Grade, Deduct	*-13.99*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-6.99*	
		For High Grade, Add	*6.99*	
		For Higher Grade, Add	*13.99*	
		For Deluxe Grade, Add	*27.97*	
		For Custom Deluxe Grade, Add	*30.41*	
		For Custom Built In Place, Add	*19.92*	
06 41 13 00-0268	EA	24" Wine Glass Stem Holder	59.01	19.01
		For Plastic Laminate On Particle Board, Deduct	*-7.34*	
		For Economy Grade, Deduct	*-4.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.10*	
		For High Grade, Add	*2.10*	
		For Higher Grade, Add	*4.20*	
		For Deluxe Grade, Add	*8.39*	
		For Custom Deluxe Grade, Add	*12.20*	
		For Custom Built In Place, Add	*9.05*	
06 41 13 00-0269	EA	30" Wine Glass Stem Holder	123.89	19.98
		For Plastic Laminate On Particle Board, Deduct	*-29.37*	
		For Economy Grade, Deduct	*-16.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.39*	
		For High Grade, Add	*8.39*	
		For Higher Grade, Add	*16.78*	
		For Deluxe Grade, Add	*33.57*	
		For Custom Deluxe Grade, Add	*37.57*	
		For Custom Built In Place, Add	*24.98*	
06 41 13 00-0270	EA	36" Wine Glass Stem Holder	125.85	20.96
		For Plastic Laminate On Particle Board, Deduct	*-29.37*	
		For Economy Grade, Deduct	*-16.78*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.39*	
		For High Grade, Add	*8.39*	
		For Higher Grade, Add	*16.78*	
		For Deluxe Grade, Add	*33.57*	
		For Custom Deluxe Grade, Add	*37.76*	
		For Custom Built In Place, Add	*25.17*	
06 41 13 00-0271	EA	36" Scalloped Valance	40.48	9.75
		For Plastic Laminate On Particle Board, Deduct	*-7.34*	
		For Economy Grade, Deduct	*-4.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.10*	
		For High Grade, Add	*2.10*	
		For Higher Grade, Add	*4.20*	
		For Deluxe Grade, Add	*8.39*	
		For Custom Deluxe Grade, Add	*10.34*	
		For Custom Built In Place, Add	*7.20*	
06 41 13 00-0272	EA	48" Scalloped Valance	45.14	9.75
		For Plastic Laminate On Particle Board, Deduct	*-8.97*	
		For Economy Grade, Deduct	*-5.13*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.56*	
		For High Grade, Add	*2.56*	
		For Higher Grade, Add	*5.13*	
		For Deluxe Grade, Add	*10.26*	
		For Custom Deluxe Grade, Add	*12.21*	
		For Custom Built In Place, Add	*8.36*	
06 41 13 00-0273	EA	60" Scalloped Valance	56.80	9.75
		For Plastic Laminate On Particle Board, Deduct	*-13.06*	
		For Economy Grade, Deduct	*-7.46*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-3.73*	
		For High Grade, Add	*3.73*	
		For Higher Grade, Add	*7.46*	
		For Deluxe Grade, Add	*14.92*	
		For Custom Deluxe Grade, Add	*16.87*	
		For Custom Built In Place, Add	*11.28*	
06 41 13 00-0274	EA	72" Scalloped Valance	70.78	9.75
		For Plastic Laminate On Particle Board, Deduct	*-17.95*	
		For Economy Grade, Deduct	*-10.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-5.13*	
		For High Grade, Add	*5.13*	
		For Higher Grade, Add	*10.26*	
		For Deluxe Grade, Add	*20.51*	
		For Custom Deluxe Grade, Add	*22.46*	
		For Custom Built In Place, Add	*14.77*	
06 41 13 00-0275	EA	36" Straight Valance	40.48	9.75
		For Plastic Laminate On Particle Board, Deduct	*-7.34*	
		For Economy Grade, Deduct	*-4.20*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.10*	
		For High Grade, Add	*2.10*	
		For Higher Grade, Add	*4.20*	
		For Deluxe Grade, Add	*8.39*	
		For Custom Deluxe Grade, Add	*10.34*	
		For Custom Built In Place, Add	*7.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0276	EA	48" Straight Valance	45.14	9.75
		For Plastic Laminate On Particle Board, Deduct	*-8.97*	
		For Economy Grade, Deduct	*-5.13*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-2.56*	
		For High Grade, Add	*2.56*	
		For Higher Grade, Add	*5.13*	
		For Deluxe Grade, Add	*10.26*	
		For Custom Deluxe Grade, Add	*12.21*	
		For Custom Built In Place, Add	*8.36*	
06 41 13 00-0277	EA	60" Straight Valance	56.80	9.75
		For Plastic Laminate On Particle Board, Deduct	*-13.06*	
		For Economy Grade, Deduct	*-7.46*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-3.73*	
		For High Grade, Add	*3.73*	
		For Higher Grade, Add	*7.46*	
		For Deluxe Grade, Add	*14.92*	
		For Custom Deluxe Grade, Add	*16.87*	
		For Custom Built In Place, Add	*11.28*	
06 41 13 00-0278	EA	72" Straight Valance	70.78	9.75
		For Plastic Laminate On Particle Board, Deduct	*-17.95*	
		For Economy Grade, Deduct	*-10.26*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-5.13*	
		For High Grade, Add	*5.13*	
		For Higher Grade, Add	*10.26*	
		For Deluxe Grade, Add	*20.51*	
		For Custom Deluxe Grade, Add	*22.46*	
		For Custom Built In Place, Add	*14.77*	

06 41 13 00-0279 Wood-Veneer Faced Cabinets *(06 41 13)*

Note: AWI Custom Grade, good quality mill-made modular units, prefinished with solid 3/4" hardwood face frames, 3/4" hardwood door frames and drawer fronts, hardwood veneer on raised door panels (front and back), glued mortise, dowel, and dado joint construction, full backs (1/8" vinyl laminated plywood), vinyl laminated cabinet interiors, vinyl laminated composition drawer bodies with nylon and metal guides. Includes self-closing hinges, door and drawer pulls, mounting hardware and adjustable shelves. Use appropriate modifiers for the following grades: Economy Grade - Cabinets with melamine laminated to particleboard, in textured colors or wood grain print finish; Premium Grade - Cabinets with solid hardwood fronts and frames, mitered corners and solid wood drawer bodies with steel guides and ball bearings; Laboratory Grade - Cabinets with chemical resistant finish on premium grade.

06 41 13 00-0280 Base Cabinets *(06 41 13 00-0279)*

Note: Excludes tops or finish.

06 41 13 00-0281 Base Cabinets, Single Drawer And Single Door *(06 41 13 00-0280)*

06 41 13 00-0282 34-1/2" High x 24" Deep, Single Drawer And Single Door, Base Cabinets *(06 41 13 00-0281)*

06 41 13 00-0283	EA	Up To 15" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	258.69	55.59
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*35.89*	
		For 3 Drawer Unit, Add	*71.77*	
		For 4 Drawer Unit, Add	*89.72*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-35.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.94*	
		For Economy Grade, Deduct	*-71.77*	
		For Premium Grade, Add	*89.72*	
		For Hospital Grade, Add	*116.63*	
		For Unfinished (Natural, Wood), Deduct	*-26.91*	
06 41 13 00-0284	EA	>15" To 18" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	289.02	68.27
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*38.36*	
		For 3 Drawer Unit, Add	*76.72*	
		For 4 Drawer Unit, Add	*95.91*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-38.36*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.18*	
		For Economy Grade, Deduct	*-76.72*	
		For Premium Grade, Add	*95.91*	
		For Hospital Grade, Add	*124.68*	
		For Unfinished (Natural, Wood), Deduct	*-28.77*	
06 41 13 00-0285	EA	>18" To 21" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	312.27	78.02
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*40.22*	
		For 3 Drawer Unit, Add	*80.44*	
		For 4 Drawer Unit, Add	*100.55*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-40.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.11*	
		For Economy Grade, Deduct	*-80.44*	
		For Premium Grade, Add	*100.55*	
		For Hospital Grade, Add	*130.71*	
		For Unfinished (Natural, Wood), Deduct	*-30.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0286	EA	>21" To 24" Width, 34-1/2" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	358.37	90.70
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*45.83*	
		For 3 Drawer Unit, Add	*91.66*	
		For 4 Drawer Unit, Add	*114.58*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-45.83*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.92*	
		For Economy Grade, Deduct	*-91.66*	
		For Premium Grade, Add	*114.58*	
		For Hospital Grade, Add	*148.95*	
		For Unfinished (Natural, Wood), Deduct	*-34.37*	
06 41 13 00-0287		30" High x 24" Deep, Single Drawer And Single Door, Base Cabinets *(06 41 13 00-0281)*		
06 41 13 00-0288	EA	Up To 15" Width, 30" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	231.78	55.59
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*30.50*	
		For 3 Drawer Unit, Add	*61.01*	
		For 4 Drawer Unit, Add	*76.26*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-30.50*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.25*	
		For Economy Grade, Deduct	*-61.01*	
		For Premium Grade, Add	*76.26*	
		For Hospital Grade, Add	*99.14*	
		For Unfinished (Natural, Wood), Deduct	*-22.88*	
06 41 13 00-0289	EA	>15" To 18" Width, 30" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	260.25	68.27
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*32.61*	
		For 3 Drawer Unit, Add	*65.22*	
		For 4 Drawer Unit, Add	*81.52*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-32.61*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.30*	
		For Economy Grade, Deduct	*-65.22*	
		For Premium Grade, Add	*81.52*	
		For Hospital Grade, Add	*105.98*	
		For Unfinished (Natural, Wood), Deduct	*-24.46*	
06 41 13 00-0290	EA	>18" To 21" Width, 30" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	282.10	78.02
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*34.18*	
		For 3 Drawer Unit, Add	*68.37*	
		For 4 Drawer Unit, Add	*85.46*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-34.18*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.09*	
		For Economy Grade, Deduct	*-68.37*	
		For Premium Grade, Add	*85.46*	
		For Hospital Grade, Add	*111.10*	
		For Unfinished (Natural, Wood), Deduct	*-25.64*	
06 41 13 00-0291	EA	>21" To 24" Width, 30" High x 24" Deep Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	324.00	89.72
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*38.96*	
		For 3 Drawer Unit, Add	*77.92*	
		For 4 Drawer Unit, Add	*97.40*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-38.96*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.48*	
		For Economy Grade, Deduct	*-77.92*	
		For Premium Grade, Add	*97.40*	
		For Hospital Grade, Add	*126.61*	
		For Unfinished (Natural, Wood), Deduct	*-29.22*	
06 41 13 00-0292		34-1/2" High x 24" Deep, Single Drawer And Single Door, Base Cabinets, Custom Built In Place *(06 41 13 00-0281)*		
06 41 13 00-0293	LF	Up To 15" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	243.02	69.25
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*28.71*	
		For 3 Drawer Unit, Add	*57.42*	
		For 4 Drawer Unit, Add	*71.78*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-28.71*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.36*	
		For Economy Grade, Deduct	*-57.42*	
		For Premium Grade, Add	*71.78*	
		For Hospital Grade, Add	*93.31*	
		For Unfinished (Natural, Wood), Deduct	*-21.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0294	LF	>15" To 18" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	224.42	67.30
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*25.57*	
		For 3 Drawer Unit, Add	*51.15*	
		For 4 Drawer Unit, Add	*63.94*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-25.57*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.79*	
		For Economy Grade, Deduct	*-51.15*	
		For Premium Grade, Add	*63.94*	
		For Hospital Grade, Add	*83.12*	
		For Unfinished (Natural, Wood), Deduct	*-19.18*	
06 41 13 00-0295	LF	>18" To 24" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	208.53	65.35
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*22.98*	
		For 3 Drawer Unit, Add	*45.96*	
		For 4 Drawer Unit, Add	*57.46*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-22.98*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.49*	
		For Economy Grade, Deduct	*-45.96*	
		For Premium Grade, Add	*57.46*	
		For Hospital Grade, Add	*74.69*	
		For Unfinished (Natural, Wood), Deduct	*-17.24*	
06 41 13 00-0296	LF	>24" To 30" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	193.24	62.42
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*20.70*	
		For 3 Drawer Unit, Add	*41.41*	
		For 4 Drawer Unit, Add	*51.76*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-20.70*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.35*	
		For Economy Grade, Deduct	*-41.41*	
		For Premium Grade, Add	*51.76*	
		For Hospital Grade, Add	*67.29*	
		For Unfinished (Natural, Wood), Deduct	*-15.53*	

06 41 13 00-0297 Base Cabinets, Double Drawer And Double Door *(06 41 13 00-0280)*

06 41 13 00-0298 34-1/2" High x 24" Deep, Double Drawer And Double Door Base Cabinet *(06 41 13 00-0297)*

06 41 13 00-0299	EA	24" To 27" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	419.39	74.61
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*54.04*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-54.04*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-27.02*	
		For Economy Grade, Deduct	*-108.07*	
		For Premium Grade, Add	*135.09*	
		For Hospital Grade, Add	*175.62*	
		For Unfinished (Natural, Wood), Deduct	*-40.53*	
		For 3 Drawer Unit, Add	*27.02*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-40.53*	
06 41 13 00-0300	EA	>27"-30" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	447.54	79.97
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*57.52*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-57.52*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.76*	
		For Economy Grade, Deduct	*-115.04*	
		For Premium Grade, Add	*143.80*	
		For Hospital Grade, Add	*186.94*	
		For Unfinished (Natural, Wood), Deduct	*-43.14*	
		For 3 Drawer Unit, Add	*28.76*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-43.14*	
06 41 13 00-0301	EA	>30"-33" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	464.96	81.92
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*60.22*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-60.22*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.11*	
		For Economy Grade, Deduct	*-120.45*	
		For Premium Grade, Add	*150.56*	
		For Hospital Grade, Add	*195.73*	
		For Unfinished (Natural, Wood), Deduct	*-45.17*	
		For 3 Drawer Unit, Add	*30.11*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-45.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0302	EA	>33"-36" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	477.12	83.87
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*61.87*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-61.87*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.94*	
		For Economy Grade, Deduct	*-123.75*	
		For Premium Grade, Add	*154.69*	
		For Hospital Grade, Add	*201.09*	
		For Unfinished (Natural, Wood), Deduct	*-46.41*	
		For 3 Drawer Unit, Add	*30.94*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-46.41*	
06 41 13 00-0303	EA	>36"-42" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	511.39	90.70
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*66.00*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-66.00*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-33.00*	
		For Economy Grade, Deduct	*-132.00*	
		For Premium Grade, Add	*165.00*	
		For Hospital Grade, Add	*214.49*	
		For Unfinished (Natural, Wood), Deduct	*-49.50*	
		For 3 Drawer Unit, Add	*33.00*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-49.50*	
06 41 13 00-0304	EA	>42"-48" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	550.28	102.40
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*69.09*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-69.09*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.55*	
		For Economy Grade, Deduct	*-138.18*	
		For Premium Grade, Add	*172.73*	
		For Hospital Grade, Add	*224.55*	
		For Unfinished (Natural, Wood), Deduct	*-51.82*	
		For 3 Drawer Unit, Add	*34.55*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-51.82*	
06 41 13 00-0305		30" High x 24" Deep, Double Drawer And Double Door Base Cabinet *(06 41 13 00-0297)*		
06 41 13 00-0306	EA	24" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	304.29	101.04
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*31.85*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-31.85*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.93*	
		For Economy Grade, Deduct	*-63.70*	
		For Premium Grade, Add	*79.63*	
		For Hospital Grade, Add	*103.51*	
		For Unfinished (Natural, Wood), Deduct	*-23.89*	
		For 3 Drawer Unit, Add	*15.93*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-23.89*	
06 41 13 00-0307	EA	30" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	415.91	112.64
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*51.21*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-51.21*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.60*	
		For Economy Grade, Deduct	*-102.41*	
		For Premium Grade, Add	*128.02*	
		For Hospital Grade, Add	*166.42*	
		For Unfinished (Natural, Wood), Deduct	*-38.40*	
		For 3 Drawer Unit, Add	*25.60*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-38.40*	
06 41 13 00-0308	EA	36" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	475.02	116.74
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*61.37*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-61.37*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-30.69*	
		For Economy Grade, Deduct	*-122.75*	
		For Premium Grade, Add	*153.44*	
		For Hospital Grade, Add	*199.47*	
		For Unfinished (Natural, Wood), Deduct	*-46.03*	
		For 3 Drawer Unit, Add	*30.69*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-46.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0309	EA	42" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet	560.73	126.98
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*75.86*	
		For Plastic Laminate On Particle Board, Deduct	*-75.86*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.93*	
		For Economy Grade, Deduct	*-151.73*	
		For Premium Grade, Add	*189.66*	
		For Hospital Grade, Add	*246.56*	
		For Unfinished (Natural, Wood), Deduct	*-56.90*	
		For 3 Drawer Unit, Add	*37.93*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-56.90*	
06 41 13 00-0310	EA	48" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet	635.89	143.36
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*86.22*	
		For Plastic Laminate On Particle Board, Deduct	*-86.22*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-43.11*	
		For Economy Grade, Deduct	*-172.44*	
		For Premium Grade, Add	*215.55*	
		For Hospital Grade, Add	*280.21*	
		For Unfinished (Natural, Wood), Deduct	*-64.66*	
		For 3 Drawer Unit, Add	*43.11*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-64.66*	
06 41 13 00-0311		34-1/2" High x 24" Deep, Double Drawer And Double Door Base Cabinet, Custom Built In Place *(06 41 13 00-0297)*		
06 41 13 00-0312	LF	24" To 30" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet	210.61	67.30
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*23.01*	
		For Plastic Laminate On Particle Board, Deduct	*-23.01*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.50*	
		For Economy Grade, Deduct	*-46.02*	
		For Premium Grade, Add	*57.52*	
		For Hospital Grade, Add	*74.78*	
		For Unfinished (Natural, Wood), Deduct	*-17.26*	
		For 3 Drawer Unit, Add	*11.50*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-17.26*	
06 41 13 00-0313	LF	>30" To 36" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet	191.01	61.45
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*20.65*	
		For Plastic Laminate On Particle Board, Deduct	*-20.65*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.32*	
		For Economy Grade, Deduct	*-41.30*	
		For Premium Grade, Add	*51.62*	
		For Hospital Grade, Add	*67.11*	
		For Unfinished (Natural, Wood), Deduct	*-15.49*	
		For 3 Drawer Unit, Add	*10.32*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-15.49*	
06 41 13 00-0314	LF	>36" To 42" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet	176.22	57.54
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*18.86*	
		For Plastic Laminate On Particle Board, Deduct	*-18.86*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.43*	
		For Economy Grade, Deduct	*-37.72*	
		For Premium Grade, Add	*47.15*	
		For Hospital Grade, Add	*61.30*	
		For Unfinished (Natural, Wood), Deduct	*-14.15*	
		For 3 Drawer Unit, Add	*9.43*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-14.15*	
06 41 13 00-0315	LF	>42" To 48" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet	164.41	54.62
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*17.28*	
		For Plastic Laminate On Particle Board, Deduct	*-17.28*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.64*	
		For Economy Grade, Deduct	*-34.56*	
		For Premium Grade, Add	*43.20*	
		For Hospital Grade, Add	*56.15*	
		For Unfinished (Natural, Wood), Deduct	*-12.96*	
		For 3 Drawer Unit, Add	*8.64*	
		For Sink Base With Sink Front (No Drawer), Deduct	*-12.96*	
06 41 13 00-0316		Vanity Bases *(06 41 13 00-0280)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0317	EA	30" High x 21" Deep x 24" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	336.39	72.56
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*38.27*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-38.27*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-19.14*	
		For Economy Grade, Deduct	*-76.54*	
		For Premium Grade, Add	*95.68*	
		For Hospital Grade, Add	*124.38*	
		For Unfinished (Natural, Wood), Deduct	*-28.70*	
06 41 13 00-0318	EA	30" High x 21" Deep x 30" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	379.87	80.75
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*44.00*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-44.00*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.00*	
		For Economy Grade, Deduct	*-88.00*	
		For Premium Grade, Add	*110.00*	
		For Hospital Grade, Add	*142.99*	
		For Unfinished (Natural, Wood), Deduct	*-33.00*	
06 41 13 00-0319	EA	30" High x 21" Deep x 36" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	462.62	84.07
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*58.89*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-58.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-29.45*	
		For Economy Grade, Deduct	*-117.79*	
		For Premium Grade, Add	*147.24*	
		For Hospital Grade, Add	*191.41*	
		For Unfinished (Natural, Wood), Deduct	*-44.17*	
06 41 13 00-0320	EA	30" High x 21" Deep x 48" Wide Vanity Bases, 2 Door Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.	554.19	102.40
		For ADA Cabinet Units (Includes All ADA Hardware), Add	*69.89*	
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-69.89*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-34.95*	
		For Economy Grade, Deduct	*-139.79*	
		For Premium Grade, Add	*174.74*	
		For Hospital Grade, Add	*227.16*	
		For Unfinished (Natural, Wood), Deduct	*-52.42*	

06 41 13 00-0321 Wall Cabinets *(06 41 13 00-0279)*

06 41 13 00-0322 36" High x 13" Deep, Wall Cabinets *(06 41 13 00-0321)*

06 41 13 00-0323 Single Door Type Units *(06 41 13 00-0322)*

06 41 13 00-0324	EA	Up To 15" Wide, 36" High x 13" Deep Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	227.14	70.22
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-27.88*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.94*	
		For Economy Grade, Deduct	*-55.75*	
		For Premium Grade, Add	*69.69*	
		For Hospital Grade, Add	*90.60*	
		For Unfinished (Natural, Wood), Deduct	*-20.91*	
06 41 13 00-0325	EA	>15" To 18" Wide, 36" High x 13" Deep Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	252.12	71.68
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-32.49*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.25*	
		For Economy Grade, Deduct	*-64.99*	
		For Premium Grade, Add	*81.24*	
		For Hospital Grade, Add	*105.61*	
		For Unfinished (Natural, Wood), Deduct	*-24.37*	
06 41 13 00-0326	EA	>18" To 24" Wide, 36" High x 13" Deep Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	278.44	74.12
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-37.12*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.56*	
		For Economy Grade, Deduct	*-74.25*	
		For Premium Grade, Add	*92.81*	
		For Hospital Grade, Add	*120.65*	
		For Unfinished (Natural, Wood), Deduct	*-27.84*	
06 41 13 00-0327	EA	>24" To 30" Wide, 36" High x 13" Deep Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	323.43	79.97
		For Plastic Laminate On Particle Board, Deduct *Note: (Plastic Laminate On Hardwood For Doors)*	*-44.55*	
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.27*	
		For Economy Grade, Deduct	*-89.10*	
		For Premium Grade, Add	*111.37*	
		For Hospital Grade, Add	*144.78*	
		For Unfinished (Natural, Wood), Deduct	*-33.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0328		Double Door Type Units *(06 41 13 00-0322)*		
06 41 13 00-0329	EA	Up To 24" Wide, 36" High x 13" Deep Double Door Wall Cabinet	289.43	81.92
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-37.18*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.59*	
		For Economy Grade, Deduct	*-74.36*	
		For Premium Grade, Add	*92.95*	
		For Hospital Grade, Add	*120.83*	
		For Unfinished (Natural, Wood), Deduct	*-27.88*	
06 41 13 00-0330	EA	>24" To 30" Wide, 36" High x 13" Deep Double Door Wall Cabinet	336.86	89.72
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-45.04*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-22.52*	
		For Economy Grade, Deduct	*-90.09*	
		For Premium Grade, Add	*112.61*	
		For Hospital Grade, Add	*146.39*	
		For Unfinished (Natural, Wood), Deduct	*-33.78*	
06 41 13 00-0331	EA	>30" To 36" Wide, 36" High x 13" Deep Double Door Wall Cabinet	371.84	91.67
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-51.48*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-25.74*	
		For Economy Grade, Deduct	*-102.96*	
		For Premium Grade, Add	*128.70*	
		For Hospital Grade, Add	*167.30*	
		For Unfinished (Natural, Wood), Deduct	*-38.61*	
06 41 13 00-0332	EA	>36" To 42" Wide, 36" High x 13" Deep Double Door Wall Cabinet	401.23	95.09
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-56.43*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-28.21*	
		For Economy Grade, Deduct	*-112.86*	
		For Premium Grade, Add	*141.07*	
		For Hospital Grade, Add	*183.39*	
		For Unfinished (Natural, Wood), Deduct	*-42.32*	
06 41 13 00-0333	EA	>42" To 48" Wide, 36" High x 13" Deep Double Door Wall Cabinet	443.07	99.47
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-63.61*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-31.80*	
		For Economy Grade, Deduct	*-127.21*	
		For Premium Grade, Add	*159.02*	
		For Hospital Grade, Add	*206.72*	
		For Unfinished (Natural, Wood), Deduct	*-47.70*	
06 41 13 00-0334		30" High x 13" Deep, Wall Cabinets *(06 41 13 00-0321)*		
06 41 13 00-0335		Single Door Type Units *(06 41 13 00-0334)*		
06 41 13 00-0336	EA	Up To 12" Wide, 30" High x 13" Deep Single Door Wall Cabinet	179.47	55.46
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-21.86*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.93*	
		For Economy Grade, Deduct	*-43.72*	
		For Premium Grade, Add	*54.66*	
		For Hospital Grade, Add	*71.05*	
		For Unfinished (Natural, Wood), Deduct	*-16.40*	
06 41 13 00-0337	EA	>12" To 15" Wide, 30" High x 13" Deep Single Door Wall Cabinet	201.01	57.86
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-25.57*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.79*	
		For Economy Grade, Deduct	*-51.15*	
		For Premium Grade, Add	*63.94*	
		For Hospital Grade, Add	*83.12*	
		For Unfinished (Natural, Wood), Deduct	*-19.18*	
06 41 13 00-0338	EA	>15" To 18" Wide, 30" High x 13" Deep Single Door Wall Cabinet	216.01	59.08
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-28.26*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.13*	
		For Economy Grade, Deduct	*-56.51*	
		For Premium Grade, Add	*70.64*	
		For Hospital Grade, Add	*91.83*	
		For Unfinished (Natural, Wood), Deduct	*-21.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0339	EA	>18" To 24" Wide, 30" High x 13" Deep Single Door Wall Cabinet	232.04	61.17
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-30.94*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.47*	
		For Economy Grade, Deduct	*-61.87*	
		For Premium Grade, Add	*77.34*	
		For Hospital Grade, Add	*100.54*	
		For Unfinished (Natural, Wood), Deduct	*-23.20*	

06 41 13 00-0340 Double Door Type Units *(06 41 13 00-0334)*

06 41 13 00-0341	EA	Up To 27" Wide, 30" High x 13" Deep Double Door Wall Cabinet	253.27	62.47
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-34.86*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.43*	
		For Economy Grade, Deduct	*-69.71*	
		For Premium Grade, Add	*87.14*	
		For Hospital Grade, Add	*113.28*	
		For Unfinished (Natural, Wood), Deduct	*-26.14*	
06 41 13 00-0342	EA	>27" To 30" Wide, 30" High x 13" Deep Double Door Wall Cabinet	268.63	64.03
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-37.54*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.77*	
		For Economy Grade, Deduct	*-75.07*	
		For Premium Grade, Add	*93.84*	
		For Hospital Grade, Add	*121.99*	
		For Unfinished (Natural, Wood), Deduct	*-28.15*	
06 41 13 00-0343	EA	>30" To 36" Wide, 30" High x 13" Deep Double Door Wall Cabinet	297.39	65.57
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-42.90*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-21.45*	
		For Economy Grade, Deduct	*-85.80*	
		For Premium Grade, Add	*107.25*	
		For Hospital Grade, Add	*139.42*	
		For Unfinished (Natural, Wood), Deduct	*-32.17*	
06 41 13 00-0344	EA	>36" To 42" Wide, 30" High x 13" Deep Double Door Wall Cabinet	319.96	67.10
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-47.02*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.51*	
		For Economy Grade, Deduct	*-94.05*	
		For Premium Grade, Add	*117.56*	
		For Hospital Grade, Add	*152.83*	
		For Unfinished (Natural, Wood), Deduct	*-35.27*	
06 41 13 00-0345	EA	>42" To 48" Wide, 30" High x 13" Deep Double Door Wall Cabinet	350.84	67.88
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-53.00*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-26.50*	
		For Economy Grade, Deduct	*-106.01*	
		For Premium Grade, Add	*132.51*	
		For Hospital Grade, Add	*172.26*	
		For Unfinished (Natural, Wood), Deduct	*-39.75*	

06 41 13 00-0346 24" High x 13" Deep, Wall Cabinets *(06 41 13 00-0321)*

06 41 13 00-0347 Double Door Type Units *(06 41 13 00-0346)*

06 41 13 00-0348	EA	Up To 24" Wide, 24" High x 13" Deep Double Door Wall Cabinet	220.87	50.72
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-31.35*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.68*	
		For Economy Grade, Deduct	*-62.70*	
		For Premium Grade, Add	*78.38*	
		For Hospital Grade, Add	*101.89*	
		For Unfinished (Natural, Wood), Deduct	*-23.51*	
06 41 13 00-0349	EA	>24" To 30" Wide, 24" High x 13" Deep Double Door Wall Cabinet	235.39	53.15
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-33.62*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-16.81*	
		For Economy Grade, Deduct	*-67.24*	
		For Premium Grade, Add	*84.05*	
		For Hospital Grade, Add	*109.26*	
		For Unfinished (Natural, Wood), Deduct	*-25.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0350	EA	>30" To 36" Wide, 24" High x 13" Deep Double Door Wall Cabinet	254.79	54.71
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-37.12*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.56*	
		For Economy Grade, Deduct	*-74.25*	
		For Premium Grade, Add	*92.81*	
		For Hospital Grade, Add	*120.65*	
		For Unfinished (Natural, Wood), Deduct	*-27.84*	
06 41 13 00-0351	EA	>36" To 42" Wide, 24" High x 13" Deep Double Door Wall Cabinet	275.42	55.59
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-41.04*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-20.52*	
		For Economy Grade, Deduct	*-82.08*	
		For Premium Grade, Add	*102.61*	
		For Hospital Grade, Add	*133.39*	
		For Unfinished (Natural, Wood), Deduct	*-30.78*	

06 41 13 00-0352 15" High x 13" Deep, Wall Cabinets *(06 41 13 00-0321)*

06 41 13 00-0353 Double Door Type Units *(06 41 13 00-0352)*

06 41 13 00-0354	EA	Up To 24" Wide, 15" High x 13" Deep Double Door Wall Cabinet	195.56	44.57
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-27.84*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.92*	
		For Economy Grade, Deduct	*-55.68*	
		For Premium Grade, Add	*69.61*	
		For Hospital Grade, Add	*90.49*	
		For Unfinished (Natural, Wood), Deduct	*-20.88*	
06 41 13 00-0355	EA	>24" To 30" Wide, 15" High x 13" Deep Double Door Wall Cabinet	206.90	47.79
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-29.29*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.64*	
		For Economy Grade, Deduct	*-58.57*	
		For Premium Grade, Add	*73.22*	
		For Hospital Grade, Add	*95.18*	
		For Unfinished (Natural, Wood), Deduct	*-21.96*	
06 41 13 00-0356	EA	>30" To 36" Wide, 15" High x 13" Deep Double Door Wall Cabinet	229.01	54.71
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-31.97*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.98*	
		For Economy Grade, Deduct	*-63.94*	
		For Premium Grade, Add	*79.92*	
		For Hospital Grade, Add	*103.90*	
		For Unfinished (Natural, Wood), Deduct	*-23.98*	
06 41 13 00-0357	EA	>36" To 42" Wide, 15" High x 13" Deep Double Door Wall Cabinet	245.57	54.71
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-35.27*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.63*	
		For Economy Grade, Deduct	*-70.54*	
		For Premium Grade, Add	*88.17*	
		For Hospital Grade, Add	*114.62*	
		For Unfinished (Natural, Wood), Deduct	*-26.45*	

06 41 13 00-0358 12" High x 13" Deep, Wall Cabinets *(06 41 13 00-0321)*

06 41 13 00-0359	EA	18" to 30" Wide, 12" High x 13" Deep Double Door Wall Cabinet	185.69	30.03
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-24.96*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.48*	
		For Economy Grade, Deduct	*-49.91*	
		For Premium Grade, Add	*62.39*	
		For Hospital Grade, Add	*81.11*	
		For Unfinished (Natural, Wood), Deduct	*-18.72*	
06 41 13 00-0360	EA	>30" Wide, 12" High x 13" Deep Double Door Wall Cabinet	216.05	22.53
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-29.29*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.64*	
		For Economy Grade, Deduct	*-58.57*	
		For Premium Grade, Add	*73.22*	
		For Hospital Grade, Add	*95.18*	
		For Unfinished (Natural, Wood), Deduct	*-21.96*	

06 41 13 00-0361 36" High x 13" Deep, Wall Cabinets, Custom Built In Place *(06 41 13 00-0321)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0362		**Single Door Type Units** *(06 41 13 00-0361)*		
06 41 13 00-0363	LF	Up To 15" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	216.81	74.12
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-22.30*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-11.15*	
		For Economy Grade, Deduct	*-44.60*	
		For Premium Grade, Add	*55.75*	
		For Hospital Grade, Add	*72.47*	
		For Unfinished (Natural, Wood), Deduct	*-16.72*	
06 41 13 00-0364	LF	>15 To 18" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	198.03	62.42
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-21.66*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-10.83*	
		For Economy Grade, Deduct	*-43.32*	
		For Premium Grade, Add	*54.16*	
		For Hospital Grade, Add	*70.40*	
		For Unfinished (Natural, Wood), Deduct	*-16.25*	
06 41 13 00-0365	LF	>18 To 24" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	162.06	48.77
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-18.56*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.28*	
		For Economy Grade, Deduct	*-37.12*	
		For Premium Grade, Add	*46.41*	
		For Hospital Grade, Add	*60.33*	
		For Unfinished (Natural, Wood), Deduct	*-13.92*	
06 41 13 00-0366	LF	>24 To 30" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	149.61	41.94
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-17.83*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.91*	
		For Economy Grade, Deduct	*-35.66*	
		For Premium Grade, Add	*44.57*	
		For Hospital Grade, Add	*57.94*	
		For Unfinished (Natural, Wood), Deduct	*-13.37*	
06 41 13 00-0367		**Double Door Type Units** *(06 41 13 00-0361)*		
06 41 13 00-0368	LF	Up To 24" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet	170.94	54.62
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-18.58*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.29*	
		For Economy Grade, Deduct	*-37.17*	
		For Premium Grade, Add	*46.46*	
		For Hospital Grade, Add	*60.40*	
		For Unfinished (Natural, Wood), Deduct	*-13.94*	
06 41 13 00-0369	LF	>24" To 30" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet	156.38	46.82
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-18.01*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.01*	
		For Economy Grade, Deduct	*-36.02*	
		For Premium Grade, Add	*45.03*	
		For Hospital Grade, Add	*58.54*	
		For Unfinished (Natural, Wood), Deduct	*-13.51*	
06 41 13 00-0370	LF	>30" To 36" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet	143.34	39.99
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-17.16*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.58*	
		For Economy Grade, Deduct	*-34.32*	
		For Premium Grade, Add	*42.90*	
		For Hospital Grade, Add	*55.77*	
		For Unfinished (Natural, Wood), Deduct	*-12.87*	
06 41 13 00-0371	LF	>36" To 42" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet	131.33	35.11
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-16.12*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-8.06*	
		For Economy Grade, Deduct	*-32.24*	
		For Premium Grade, Add	*40.31*	
		For Hospital Grade, Add	*52.40*	
		For Unfinished (Natural, Wood), Deduct	*-12.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0372	LF	>42" To 48" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	126.34	33.16
		For Plastic Laminate On Particle Board, Deduct	*-15.90*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-7.95*	
		For Economy Grade, Deduct	*-31.81*	
		For Premium Grade, Add	*39.76*	
		For Hospital Grade, Add	*51.69*	
		For Unfinished (Natural, Wood), Deduct	*-11.93*	

06 41 13 00-0373 Accessories *(06 41 13 00-0279)*

See CSI section 06 41 93 00-0001 for cabinet hardware, 08 71 00 00-0000 for cabinet hardware.

06 41 13 00-0374	EA	Wall Corner Cabinet With Shelving Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	336.26	109.68
		For Plastic Laminate On Particle Board, Deduct	*-18.51*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-9.25*	
		For Economy Grade, Deduct	*-37.01*	
		For Premium Grade, Add	*46.27*	
		For Hospital Grade, Add	*60.14*	
		For Unfinished (Natural, Wood), Deduct	*-13.88*	
06 41 13 00-0375	EA	Wall Lazy Susan With Cabinet Enclosure Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	428.60	87.74
		For Plastic Laminate On Particle Board, Deduct	*-46.72*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-23.36*	
		For Economy Grade, Deduct	*-93.44*	
		For Premium Grade, Add	*116.81*	
		For Hospital Grade, Add	*151.85*	
		For Unfinished (Natural, Wood), Deduct	*-35.04*	
06 41 13 00-0376	EA	Base Lazy Susan With Cabinet Enclosure Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	487.84	73.13
		For Plastic Laminate On Particle Board, Deduct	*-65.07*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-32.54*	
		For Economy Grade, Deduct	*-130.14*	
		For Premium Grade, Add	*162.68*	
		For Hospital Grade, Add	*211.48*	
		For Unfinished (Natural, Wood), Deduct	*-48.80*	
06 41 13 00-0377	EA	Broom Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	510.39	62.69
		For Plastic Laminate On Particle Board, Deduct	*-74.22*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-37.11*	
		For Economy Grade, Deduct	*-148.45*	
		For Premium Grade, Add	*185.56*	
		For Hospital Grade, Add	*241.23*	
		For Unfinished (Natural, Wood), Deduct	*-55.67*	
06 41 13 00-0378	EA	Base Corner Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	227.67	43.87
		For Plastic Laminate On Particle Board, Deduct	*-27.99*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.99*	
		For Economy Grade, Deduct	*-55.97*	
		For Premium Grade, Add	*69.97*	
		For Hospital Grade, Add	*90.95*	
		For Unfinished (Natural, Wood), Deduct	*-20.99*	
06 41 13 00-0379	EA	Base Range Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.	211.96	36.56
		For Plastic Laminate On Particle Board, Deduct	*-27.77*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-13.88*	
		For Economy Grade, Deduct	*-55.54*	
		For Premium Grade, Add	*69.42*	
		For Hospital Grade, Add	*90.25*	
		For Unfinished (Natural, Wood), Deduct	*-20.83*	
06 41 13 00-0380	EA	Double Oven Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames.	276.18	43.87
		For Plastic Laminate On Particle Board, Deduct	*-37.69*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-18.84*	
		For Economy Grade, Deduct	*-75.38*	
		For Premium Grade, Add	*94.22*	
		For Hospital Grade, Add	*122.49*	
		For Unfinished (Natural, Wood), Deduct	*-28.27*	
06 41 13 00-0381	EA	Microwave Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames.	187.44	29.25
		For Plastic Laminate On Particle Board, Deduct	*-25.79*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-12.89*	
		For Economy Grade, Deduct	*-51.58*	
		For Premium Grade, Add	*64.47*	
		For Hospital Grade, Add	*83.81*	
		For Unfinished (Natural, Wood), Deduct	*-19.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0382	EA	30" Flipper Door And Cabinet	252.40	56.06
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-28.06*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-14.03*	
		For Economy Grade, Deduct	*-56.11*	
		For Premium Grade, Add	*70.14*	
		For Hospital Grade, Add	*91.18*	
		For Unfinished (Natural, Wood), Deduct	*-21.04*	
06 41 13 00-0383	EA	36" Flipper Door And Cabinet	266.54	56.06
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-30.88*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-15.44*	
		For Economy Grade, Deduct	*-61.77*	
		For Premium Grade, Add	*77.21*	
		For Hospital Grade, Add	*100.37*	
		For Unfinished (Natural, Wood), Deduct	*-23.16*	
06 41 13 00-0384	EA	48" Flipper Door And Cabinet	289.98	56.06
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	*-35.57*	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	*-17.79*	
		For Economy Grade, Deduct	*-71.14*	
		For Premium Grade, Add	*88.93*	
		For Hospital Grade, Add	*115.61*	
		For Unfinished (Natural, Wood), Deduct	*-26.68*	
06 41 13 00-0385	EA	For Keyed Lock In Door Or Drawer	42.52	
06 41 13 00-0386	SET	Tamper-Proof Screw Sets Per Panel	8.65	
06 41 13 00-0387	EA	Rehab Room Cabinets	12,885.40	
		Note: Includes 2 End Towers 1 Middle Tower With Doors And Drawers, Corian Top With Open Sides, Upper Header With Curved Section, Trim And Crown, Hospital Grade Hardware.		
06 41 13 00-0388	EA	Hoist Cabinet With Panel And Trim	3,929.61	
06 41 13 00-0389	LF	Rehab Room Vertical And Horizontal Wall Trim	42.71	
		Note: Stained And Finished		

06 41 13 00-0390 Removal And Reinstallation Of Cabinet Or Counters *(06 41 13)*

Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0391	LF	Removal And Reinstallation Of Wood Base Cabinets	74.62	
06 41 13 00-0392	LF	Remove And Reinstall Wall Cabinets	64.88	
06 41 13 00-0393	LF	Remove And Reinstall Plastic Laminated Countertops	15.00	

06 41 93 Cabinet And Drawer Hardware *(06 41)*

06 41 93 00-0001 Cabinet Hardware *(06 41 93)*

Note: Includes all mounting screws.

06 41 93 00-0002	EA	Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges	31.50	9.75
06 41 93 00-0003	EA	Semi Concealed, Brass Cabinet Hinges	31.46	9.75
06 41 93 00-0004	EA	Solid Brass Cabinet Pull Handles	22.44	8.29
06 41 93 00-0005	EA	Solid Brass Cabinet Pull Knobs	20.49	6.33
06 41 93 00-0006	EA	Cabinet Ball And Catch	30.95	9.75
06 41 93 00-0007	EA	Cabinet Drawer Lock For Hollow Metal Drawers	39.03	8.29
06 41 93 00-0008	EA	Cabinet Door Catch	27.88	8.29
06 41 93 00-0009	EA	Solid Brass, Cabinet Surface Bolt	46.93	8.29
06 41 93 00-0010	EA	3" Stainless Steel Cabinet Bar Pull (Liberty P01010-SS-C)	28.98	12.19

06 42 Wood Paneling *(06 40)*

Note: Includes glue for installation.

06 42 13 Wood Board Paneling *(06 42)*

06 42 13 00-0001 Solid Wood Paneling *(06 42 13)*

06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide *(06 42 13 00-0001)*

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16"	6.70	2.05
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16"	6.95	2.05

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide *(06 42 13 00-0001)*

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16"	9.64	1.95
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16"	9.00	1.95

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide *(06 42 13 00-0001)*

06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2"	7.45	2.05

06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide *(06 42 13 00-0001)*

06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap	5.20	1.76

06 42 16 Flush Wood Paneling *(06 42)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0001		Veneer Hardboard Panels *(06 42 16)*		
06 42 16 00-0002	SF	1/4" Veneer Maple Paneling	5.23	1.77
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.21*	
06 42 16 00-0003		Plywood Unfinished With Trim 1/4" Thick *(06 42 16)*		
06 42 16 00-0004		Birch *(06 42 16 00-0003)*		
06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	4.44	1.57
		For Waterproof Glue, Add	*0.06*	
		For Ceiling Installation, Add	*1.06*	
		For Installation On Metal Studs Or Furring, Add	*0.39*	
		For Glue Laminated Installation, Add	*0.22*	
		For Lumber Core, Add	*0.10*	
		For 1/8" Thick Paneling, Deduct	*-0.40*	
		For 1/2" Thick Paneling, Add	*0.91*	
		For 5/8" Thick Paneling, Add	*1.10*	
		For 3/4" Thick Paneling, Add	*1.34*	
		For Fire Retardant Treatment (Class I), Add	*0.71*	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim	4.51	1.57
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.06*	
		For Installation On Metal Studs Or Furring, Add	*0.39*	
		For Glue Laminated Installation, Add	*0.23*	
		For Lumber Core, Add	*0.11*	
		For 1/8" Thick Paneling, Deduct	*-0.41*	
		For 1/2" Thick Paneling, Add	*0.95*	
		For 5/8" Thick Paneling, Add	*1.15*	
		For 3/4" Thick Paneling, Add	*1.41*	
		For Fire Retardant Treatment (Class I), Add	*0.77*	
06 42 16 00-0007		Knotty Pine *(06 42 16 00-0003)*		
06 42 16 00-0008	SF	1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	5.12	1.77
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.18*	
		For Installation On Metal Studs Or Furring, Add	*0.43*	
		For Glue Laminated Installation, Add	*0.26*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.47*	
		For 1/2" Thick Paneling, Add	*1.11*	
		For 5/8" Thick Paneling, Add	*1.36*	
		For 3/4" Thick Paneling, Add	*1.69*	
		For Fire Retardant Treatment (Class I), Add	*0.94*	
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	5.07	1.77
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.18*	
		For Installation On Metal Studs Or Furring, Add	*0.43*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.47*	
		For 1/2" Thick Paneling, Add	*1.09*	
		For 5/8" Thick Paneling, Add	*1.33*	
		For 3/4" Thick Paneling, Add	*1.63*	
		For Fire Retardant Treatment (Class I), Add	*0.90*	
06 42 16 00-0010		Cedar (Aromatic - Closet Lining) *(06 42 16 00-0003)*		
06 42 16 00-0011	SF	1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	5.18	1.97
		For Waterproof Glue, Add	*0.05*	
		For Ceiling Installation, Add	*1.33*	
		For Installation On Metal Studs Or Furring, Add	*0.49*	
		For Glue Laminated Installation, Add	*0.26*	
		For Lumber Core, Add	*0.08*	
		For 1/8" Thick Paneling, Deduct	*-0.44*	
		For 1/2" Thick Paneling, Add	*0.94*	
		For 5/8" Thick Paneling, Add	*1.10*	
		For 3/4" Thick Paneling, Add	*1.31*	
		For Fire Retardant Treatment (Class I), Add	*0.60*	
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	5.02	1.97
		For Waterproof Glue, Add	*0.04*	
		For Ceiling Installation, Add	*1.33*	
		For Installation On Metal Studs Or Furring, Add	*0.49*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.07*	
		For 1/8" Thick Paneling, Deduct	*-0.41*	
		For 1/2" Thick Paneling, Add	*0.85*	
		For 5/8" Thick Paneling, Add	*0.98*	
		For 3/4" Thick Paneling, Add	*1.14*	
		For Fire Retardant Treatment (Class I), Add	*0.47*	
06 42 16 00-0013		Top Grade Plywood Prefinished With Trim 1/4" Thick *(06 42 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0014	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	4.94	1.77
		For Flitch Matched Veneer, Add	*0.51*	
		For Second Grade Veneer, Deduct	*-0.10*	
		For Third Grade Veneer, Deduct	*-0.15*	
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.18*	
		For Installation On Metal Studs Or Furring, Add	*0.43*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.11*	
		For 1/8" Thick Paneling, Deduct	*-0.44*	
		For 1/2" Thick Paneling, Add	*1.02*	
		For 5/8" Thick Paneling, Add	*1.23*	
		For 3/4" Thick Paneling, Add	*1.50*	
		For Fire Retardant Treatment (Class I), Add	*0.80*	
06 42 16 00-0015	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	5.39	1.77
		For Flitch Matched Veneer, Add	*0.73*	
		For Second Grade Veneer, Deduct	*-0.15*	
		For Third Grade Veneer, Deduct	*-0.22*	
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.18*	
		For Installation On Metal Studs Or Furring, Add	*0.43*	
		For Glue Laminated Installation, Add	*0.27*	
		For Lumber Core, Add	*0.16*	
		For 1/8" Thick Paneling, Deduct	*-0.52*	
		For 1/2" Thick Paneling, Add	*1.26*	
		For 5/8" Thick Paneling, Add	*1.57*	
		For 3/4" Thick Paneling, Add	*1.96*	
		For Fire Retardant Treatment (Class I), Add	*1.15*	
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	7.84	1.77
		For Flitch Matched Veneer, Add	*1.57*	
		For Second Grade Veneer, Deduct	*-0.31*	
		For Third Grade Veneer, Deduct	*-0.47*	
		For Waterproof Glue, Add	*0.22*	
		For Ceiling Installation, Add	*1.41*	
		For Installation On Metal Studs Or Furring, Add	*0.52*	
		For Glue Laminated Installation, Add	*0.39*	
		For Lumber Core, Add	*0.35*	
		For 1/8" Thick Paneling, Deduct	*-0.85*	
		For 1/2" Thick Paneling, Add	*2.26*	
		For 5/8" Thick Paneling, Add	*2.92*	
		For 3/4" Thick Paneling, Add	*3.77*	
		For Fire Retardant Treatment (Class I), Add	*2.48*	
06 42 16 00-0017	SF	1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	4.20	1.77
		For Flitch Matched Veneer, Add	*0.34*	
		For Second Grade Veneer, Deduct	*-0.07*	
		For Third Grade Veneer, Deduct	*-0.10*	
		For Waterproof Glue, Add	*0.05*	
		For Ceiling Installation, Add	*1.06*	
		For Installation On Metal Studs Or Furring, Add	*0.39*	
		For Glue Laminated Installation, Add	*0.21*	
		For Lumber Core, Add	*0.07*	
		For 1/8" Thick Paneling, Deduct	*-0.36*	
		For 1/2" Thick Paneling, Add	*0.79*	
		For 5/8" Thick Paneling, Add	*0.93*	
		For 3/4" Thick Paneling, Add	*1.11*	
		For Fire Retardant Treatment (Class I), Add	*0.53*	
06 42 16 00-0018	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	6.94	1.77
		For Flitch Matched Veneer, Add	*1.26*	
		For Second Grade Veneer, Deduct	*-0.25*	
		For Third Grade Veneer, Deduct	*-0.38*	
		For Waterproof Glue, Add	*0.18*	
		For Ceiling Installation, Add	*1.33*	
		For Installation On Metal Studs Or Furring, Add	*0.49*	
		For Glue Laminated Installation, Add	*0.35*	
		For Lumber Core, Add	*0.28*	
		For 1/8" Thick Paneling, Deduct	*-0.73*	
		For 1/2" Thick Paneling, Add	*1.89*	
		For 5/8" Thick Paneling, Add	*2.42*	
		For 3/4" Thick Paneling, Add	*3.10*	
		For Fire Retardant Treatment (Class I), Add	*1.99*	
06 42 16 00-0019	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	5.05	1.77
		For Flitch Matched Veneer, Add	*0.56*	
		For Second Grade Veneer, Deduct	*-0.11*	
		For Third Grade Veneer, Deduct	*-0.17*	
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.18*	
		For Installation On Metal Studs Or Furring, Add	*0.43*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.12*	
		For 1/8" Thick Paneling, Deduct	*-0.46*	
		For 1/2" Thick Paneling, Add	*1.08*	
		For 5/8" Thick Paneling, Add	*1.31*	
		For 3/4" Thick Paneling, Add	*1.61*	
		For Fire Retardant Treatment (Class I), Add	*0.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	5.90	1.77
		For Flitch Matched Veneer, Add	*0.74*	
		For Second Grade Veneer, Deduct	*-0.15*	
		For Third Grade Veneer, Deduct	*-0.22*	
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.33*	
		For Installation On Metal Studs Or Furring, Add	*0.49*	
		For Glue Laminated Installation, Add	*0.30*	
		For Lumber Core, Add	*0.16*	
		For 1/8" Thick Paneling, Deduct	*-0.56*	
		For 1/2" Thick Paneling, Add	*1.33*	
		For 5/8" Thick Paneling, Add	*1.64*	
		For 3/4" Thick Paneling, Add	*2.04*	
		For Fire Retardant Treatment (Class I), Add	*1.17*	
06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	9.10	1.77
		For Flitch Matched Veneer, Add	*1.79*	
		For Second Grade Veneer, Deduct	*-0.36*	
		For Third Grade Veneer, Deduct	*-0.54*	
		For Waterproof Glue, Add	*0.25*	
		For Ceiling Installation, Add	*1.66*	
		For Installation On Metal Studs Or Furring, Add	*0.61*	
		For Glue Laminated Installation, Add	*0.46*	
		For Lumber Core, Add	*0.39*	
		For 1/8" Thick Paneling, Deduct	*-0.98*	
		For 1/2" Thick Paneling, Add	*2.60*	
		For 5/8" Thick Paneling, Add	*3.35*	
		For 3/4" Thick Paneling, Add	*4.31*	
		For Fire Retardant Treatment (Class I), Add	*2.83*	
06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	6.94	1.77
		For Flitch Matched Veneer, Add	*1.26*	
		For Second Grade Veneer, Deduct	*-0.25*	
		For Third Grade Veneer, Deduct	*-0.38*	
		For Waterproof Glue, Add	*0.18*	
		For Ceiling Installation, Add	*1.33*	
		For Installation On Metal Studs Or Furring, Add	*0.49*	
		For Glue Laminated Installation, Add	*0.35*	
		For Lumber Core, Add	*0.28*	
		For 1/8" Thick Paneling, Deduct	*-0.73*	
		For 1/2" Thick Paneling, Add	*1.89*	
		For 5/8" Thick Paneling, Add	*2.42*	
		For 3/4" Thick Paneling, Add	*3.10*	
		For Fire Retardant Treatment (Class I), Add	*1.99*	
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	6.08	1.77
		For Flitch Matched Veneer, Add	*1.08*	
		For Second Grade Veneer, Deduct	*-0.22*	
		For Third Grade Veneer, Deduct	*-0.32*	
		For Waterproof Glue, Add	*0.15*	
		For Ceiling Installation, Add	*1.18*	
		For Installation On Metal Studs Or Furring, Add	*0.43*	
		For Glue Laminated Installation, Add	*0.30*	
		For Lumber Core, Add	*0.24*	
		For 1/8" Thick Paneling, Deduct	*-0.63*	
		For 1/2" Thick Paneling, Add	*1.63*	
		For 5/8" Thick Paneling, Add	*2.08*	
		For 3/4" Thick Paneling, Add	*2.66*	
		For Fire Retardant Treatment (Class I), Add	*1.70*	
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	5.07	1.77
		For Flitch Matched Veneer, Add	*0.57*	
		For Second Grade Veneer, Deduct	*-0.11*	
		For Third Grade Veneer, Deduct	*-0.17*	
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.18*	
		For Installation On Metal Studs Or Furring, Add	*0.43*	
		For Glue Laminated Installation, Add	*0.25*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.47*	
		For 1/2" Thick Paneling, Add	*1.09*	
		For 5/8" Thick Paneling, Add	*1.33*	
		For 3/4" Thick Paneling, Add	*1.63*	
		For Fire Retardant Treatment (Class I), Add	*0.90*	
06 42 16 00-0025		Accessories *(06 42 16)*		
06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt	24.45	

06 42 19 Plastic-Laminate-Faced Wood Paneling *(06 42)*

06 42 19 00-0001		Plastic Laminate *(06 42 19)* Note: Standard colors and patterns.		
06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel Note: Includes cutting to fit.	7.86	3.41

06 43 Wood Stairs And Railings *(06 40)*

06 43 13 Wood Stairs *(06 43)*

06 43 13 00-0001		Stair Parts *(06 43 13)*		
06 43 13 00-0002	EA	30" Baluster, Pine	45.54	19.79
06 43 13 00-0003	EA	30" Baluster, Birch	52.94	19.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0004	EA	42" Baluster, Pine	50.96	20.47
06 43 13 00-0005	EA	42" Baluster, Birch	58.85	20.47
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	259.13	77.80
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing	377.97	109.19
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser	161.32	68.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*22.41*	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser	187.64	74.97
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*24.63*	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	31.81	10.23
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.36*	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread	40.05	5.75
		For Beech, Add	*8.58*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.63*	
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread	48.19	5.75
		For Beech, Add	*11.03*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.63*	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread	22.98	5.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.63*	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser	30.68	5.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.74*	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser	28.95	5.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.74*	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser	17.85	5.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.74*	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser	17.31	5.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.74*	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	37.21	

06 43 13 00-0019 Interior Box Stairs *(06 43 13)*

Note: Factory cut and assembled straight closed box stairs, unfinished.

06 43 13 00-0020	EA	30" Wide Pine Box Stair, Per Riser	224.95	59.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*19.51*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*69.44*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.60*	
		For Oak Or Maple Treads, Add	*63.06*	
06 43 13 00-0021	EA	32" Wide Pine Box Stair, Per Riser	237.91	60.74
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*19.95*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*70.02*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.84*	
		For Oak Or Maple Treads, Add	*68.03*	
06 43 13 00-0022	EA	34" Wide Pine Box Stair, Per Riser	249.95	61.43
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.18*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*70.32*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*22.97*	
		For Oak Or Maple Treads, Add	*72.99*	
06 43 13 00-0023	EA	36" Wide Pine Box Stair, Per Riser	263.84	62.10
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.40*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*70.61*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.09*	
		For Oak Or Maple Treads, Add	*78.82*	
06 43 13 00-0024	EA	38" Wide Pine Box Stair, Per Riser	272.14	62.78
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*20.62*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*70.90*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.21*	
		For Oak Or Maple Treads, Add	*82.11*	
06 43 13 00-0025	EA	40" Wide Pine Box Stair, Per Riser	281.41	64.15
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.07*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*71.49*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.45*	
		For Oak Or Maple Treads, Add	*85.40*	
06 43 13 00-0026	EA	42" Wide Pine Box Stair, Per Riser	289.71	64.83
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.30*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*71.78*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.58*	
		For Oak Or Maple Treads, Add	*88.70*	
06 43 13 00-0027	EA	44" Wide Pine Box Stair, Per Riser	298.01	65.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.53*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*72.08*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.70*	
		For Oak Or Maple Treads, Add	*91.98*	
06 43 13 00-0028	EA	46" Wide Pine Box Stair, Per Riser	306.27	66.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*21.74*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*72.36*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*23.82*	
		For Oak Or Maple Treads, Add	*95.28*	
06 43 13 00-0029	EA	48" Wide Pine Box Stair, Per Riser	316.45	68.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*22.42*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*73.25*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*24.19*	
		For Oak Or Maple Treads, Add	*98.53*	

06 43 16 Wood Railings *(06 43)*

06 43 16 00-0001 Handrails *(06 43 16)*

06 43 16 00-0002 Wood Handrail With Brackets *(06 43 16 00-0001)*

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 16 00-0003	LF	1-1/2" x 1-11/16", Wood Handrail With Brackets	14.08	4.87
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.24*	
06 43 16 00-0004	LF	1-7/8" x 2-5/8", Wood Handrail With Brackets	14.95	4.87
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.24*	
06 43 16 00-0005	LF	1-1/2" Diameter, Wood Handrail With Brackets	17.86	4.87
06 43 16 00-0006	LF	1-3/4" Diameter, Wood Handrail With Brackets	18.58	4.87
06 43 16 00-0007	LF	2" Diameter, Wood Handrail With Brackets	21.20	4.87
06 43 16 00-0008	LF	2-1/2" Diameter, Wood Handrail With Brackets	29.27	4.87

06 44 Ornamental Woodwork *(06 40)*

06 44 39 Wood Posts And Columns *(06 44)*

06 44 39 00-0001 Columns *(06 44 39)*

06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0003	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	53.98	5.72
06 44 39 00-0004	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	67.82	8.36
06 44 39 00-0005	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	83.00	9.69
06 44 39 00-0006	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	99.03	10.13
06 44 39 00-0007	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	218.88	11.44
06 44 39 00-0008	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	254.08	12.33
06 44 39 00-0009	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	305.49	13.21
06 44 39 00-0010	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	364.37	14.08
06 44 39 00-0011	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	61.96	5.72
06 44 39 00-0012	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	74.22	8.36
06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	91.84	9.69
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	108.48	10.13
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	238.08	11.44
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	322.93	12.33
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	348.14	13.21
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	391.79	14.08

06 44 39 00-0019 Pine Colonial Columns, Round Non Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0020	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	64.70	5.72
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	80.01	8.36
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	98.84	9.69
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	118.84	10.13
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	268.57	11.44
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	312.27	12.33
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	376.26	13.21
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	449.62	14.08
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	74.70	5.72
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	88.75	8.36
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	110.30	9.69
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	130.96	10.13
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	292.61	11.44
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	398.58	12.33
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	429.73	13.21
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base	484.02	14.08

06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0037	LF	6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	57.77	5.72
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	72.38	8.36
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	88.74	9.69
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	106.14	10.13
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	66.47	5.72
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	79.36	8.36
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	98.37	9.69
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	116.43	10.13

06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed redwood.

06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	89.69	5.72
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	108.04	8.36
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	134.49	9.69
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	164.23	10.13
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	103.09	5.72
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	122.36	8.36
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	151.25	9.69
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	186.17	10.13

06 44 39 00-0054 Ornamental Or Decorative Cap And Bases, Resin *(06 44 39 00-0001)*

Note: For tapered wood columns.

06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	279.69	11.89
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	422.48	13.21
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	588.36	15.41
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	751.20	17.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	249.23	11.89
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	346.31	13.21
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	429.94	15.41
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	562.30	17.61
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base	262.30	12.33
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base	346.31	13.21
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base	429.94	15.41
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base	547.07	17.61
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	265.35	12.33
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	376.78	13.21
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	445.16	15.41
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	611.05	17.61
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base	265.35	12.33
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base	410.29	13.21
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base	542.67	15.41
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base	671.98	17.61
06 44 39 00-0075		Ornamental Or Decorative Cap And Bases, Plaster *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	563.04	11.89
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	632.70	13.21
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	804.67	15.41
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	885.25	17.61
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	374.14	11.89
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	434.67	13.21
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	536.57	15.41
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	675.03	17.61
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	359.80	12.33
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	471.23	13.21
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	570.09	15.41
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base	675.03	17.61
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	426.83	12.33
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	565.68	13.21
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	637.10	15.41
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	809.08	17.61
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base	359.80	12.33
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base	465.14	13.21
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base	606.65	15.41
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base	775.57	17.61
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	405.50	12.33
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	495.60	13.21
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	603.60	15.41
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	675.03	17.61

06 46 Wood Trim *(06 40)*

06 46 13 Wood Door and Window Casings *(06 46)*

06 46 13 00-0001 Door and Window Casings *(06 46 13)*

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding	4.40	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding	4.44	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim	5.43	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.80*	

06 46 19 Wood Base And Shoe Moldings *(06 46)*

06 46 19 00-0001 Base And Shoe Molding *(06 46 19)*

06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim	4.63	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim	4.91	1.85
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal	5.71	1.17
		For Clear Birch, Add	*0.58*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.20*	
		For Stain Grade Material (No Finger Joints), Add	*0.33*	
		For Clear Poplar, Add	*0.36*	
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal	6.96	1.46
		For Clear Birch, Add	*0.67*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.43*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	
		For Clear Poplar, Add	*0.42*	
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal	8.59	1.66
		For Clear Birch, Add	*1.03*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.99*	
		For Stain Grade Material (No Finger Joints), Add	*0.58*	
		For Clear Poplar, Add	*0.65*	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	5.64	1.85
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade	5.48	1.85
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade	5.12	1.85

06 46 23 Wood Chair Rails *(06 46)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 23 00-0001		Chair Rails *(06 46 23)*		
06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail	6.87	1.76
		For Birch, Add	*0.95*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.73*	
		For Poplar, Add	*0.59*	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail	8.38	1.76
		For Birch, Add	*1.43*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.41*	
		For Poplar, Add	*0.90*	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail	5.11	1.76
		For Birch, Add	*0.70*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.27*	
		For Poplar, Add	*0.44*	
06 46 26		**Wood Cornices** *(06 46)*		
06 46 26 00-0001		Wood Cornices *(06 46 26)*		
06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal	5.26	1.76
		For Birch, Add	*0.49*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.00*	
		For Poplar, Add	*0.61*	
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal	6.51	1.85
		For Birch, Add	*0.88*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.51*	
		For Poplar, Add	*1.10*	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal	8.91	1.95
		For Birch, Add	*1.68*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*2.53*	
		For Poplar, Add	*2.10*	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal	10.23	1.95
		For Birch, Add	*2.09*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.05*	
		For Poplar, Add	*2.61*	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal	11.76	2.05
		For Birch, Add	*2.56*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.67*	
		For Poplar, Add	*3.20*	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal	15.00	2.24
		For Birch, Add	*3.65*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*5.05*	
		For Poplar, Add	*4.56*	
06 46 29		**Wood Fasciae And Soffits** *(06 46)*		
06 46 29 00-0001		Fascia Board *(06 46 29)*		
06 46 29 00-0002		Pine Fascia Board *(06 46 29 00-0001)*		
06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	4.42	1.95
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	5.02	2.16
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	5.40	2.27
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	6.30	2.54
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	4.38	1.95
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	4.97	2.16
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	5.48	2.27
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	6.53	2.54
06 46 29 00-0011		Cedar Fascia Board *(06 46 29 00-0001)*		
06 46 29 00-0012	LF	1" x 6" Cedar Fascia Board	4.67	1.95
06 46 29 00-0013	LF	1" x 8" Cedar Fascia Board	5.41	2.16
06 46 29 00-0014	LF	1" x 10" Cedar Fascia Board	6.14	2.27
06 46 29 00-0015	LF	1" x 12" Cedar Fascia Board	7.35	2.54
06 46 29 00-0016		Engineered Wood Fascia Board *(06 46 29 00-0001)*		
06 46 29 00-0017	LF	1" x 6" Engineered Wood Fascia Board	4.28	1.95
06 46 29 00-0018	LF	1" x 8" Engineered Wood Fascia Board	4.83	2.16
06 46 29 00-0019	LF	1" x 12" Engineered Wood Fascia Board	5.84	2.54
06 46 29 00-0020		Soffit *(06 46 29)*		
06 46 29 00-0021		Sanded Plywood Soffit *(06 46 29 00-0020)*		
06 46 29 00-0022	SF	3/8" Thick, Sanded Plywood Soffit	3.69	1.47
06 46 29 00-0023	SF	1/2" Thick, Sanded Plywood Soffit	4.01	1.55
06 46 29 00-0024	SF	5/8" Thick, Sanded Plywood Soffit	4.21	1.62
06 46 29 00-0025	SF	3/4" Thick, Sanded Plywood Soffit	4.61	1.71
06 46 29 00-0026		MDO Plywood Soffit *(06 46 29 00-0020)*		
06 46 29 00-0027	SF	3/8" Thick, MDO Plywood Soffit	4.04	1.47
06 46 29 00-0028	SF	1/2" Thick, MDO Plywood Soffit	4.44	1.55
06 46 29 00-0029	SF	3/4" Thick, MDO Plywood Soffit	5.45	1.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 29 00-0030		Exterior Ceiling Gypsum Board Soffit *(06 46 29 00-0020)*		
06 46 29 00-0031	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit	2.98	1.29
06 46 29 00-0032	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	3.20	1.36
06 46 36		**Custom Wood Molding** *(06 46)*		
		Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.		
06 46 36 00-0001		Basswood *(06 46 36)*		
06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Basswood	5.46	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Basswood	6.59	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Basswood	7.72	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Basswood	8.84	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Basswood	10.07	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Basswood	11.31	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Basswood	12.42	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Basswood	13.57	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Basswood	14.65	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Basswood	15.89	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Basswood	17.06	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Basswood	6.18	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Basswood	7.59	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Basswood	9.01	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Basswood	10.42	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Basswood	11.99	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Basswood	13.51	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Basswood	14.91	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Basswood	16.34	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Basswood	17.75	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Basswood	19.29	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Basswood	20.76	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0024	LF	1-1/2" x 1-1/2" Custom Shaped Basswood	8.27	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0025	LF	1-1/2" x 2-1/2" Custom Shaped Basswood	10.70	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0026	LF	1-1/2" x 3-1/2" Custom Shaped Basswood	13.14	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0027	LF	1-1/2" x 4-1/2" Custom Shaped Basswood	15.57	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0028	LF	1-1/2" x 5-1/2" Custom Shaped Basswood	18.11	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0029	LF	1-1/2" x 6-1/2" Custom Shaped Basswood	20.64	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0030	LF	1-1/2" x 7-1/2" Custom Shaped Basswood	23.06	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0031	LF	1-1/2" x 8-1/2" Custom Shaped Basswood	25.51	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0032	LF	1-1/2" x 9-1/2" Custom Shaped Basswood	27.89	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0033	LF	1-1/2" x 10-1/2" Custom Shaped Basswood	30.46	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0034	LF	1-1/2" x 11-1/2" Custom Shaped Basswood	32.94	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0035	LF	3-1/2" x 3-1/2" Custom Shaped Basswood	30.89	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0036	LF	3-1/2" x 4-1/2" Custom Shaped Basswood	37.75	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0037	LF	3-1/2" x 5-1/2" Custom Shaped Basswood	44.53	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0038	LF	3-1/2" x 6-1/2" Custom Shaped Basswood	51.49	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0039	LF	3-1/2" x 7-1/2" Custom Shaped Basswood	58.26	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0040	LF	3-1/2" x 8-1/2" Custom Shaped Basswood	65.21	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0041	LF	3-1/2" x 9-1/2" Custom Shaped Basswood	71.91	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0042	LF	3-1/2" x 10-1/2" Custom Shaped Basswood	78.68	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0043	LF	3-1/2" x 11-1/2" Custom Shaped Basswood	85.64	1.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0044		Clear Western Cedar *(06 46 36)*		
06 46 36 00-0045	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar	5.82	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0046	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar	7.13	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0047	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar	8.45	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0048	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar	9.74	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0049	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar	11.16	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0050	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar	12.58	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0051	LF	1" x 1-1/2" Custom Shaped Clear West Cedar	6.79	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0052	LF	1" x 2-1/2" Custom Shaped Clear West Cedar	8.54	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0053	LF	1" x 3-1/2" Custom Shaped Clear West Cedar	10.28	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0054	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	12.02	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0055	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	13.87	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0056	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	15.73	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0057	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	8.71	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0058	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	11.36	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0059	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	14.01	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0060	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	16.65	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0061	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	19.41	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0062	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	22.16	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0063	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	8.95	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0064	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	11.67	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0065	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	14.39	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0066	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	17.11	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0067	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	19.85	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0068	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	22.77	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0069	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	27.41	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0070	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	33.40	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0071	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	39.31	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0072	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	45.39	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0073	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	51.30	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0074	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	57.30	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0075	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	63.20	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0076	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	69.11	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0077	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	75.20	1.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	
06 46 36 00-0078		Cherry *(06 46 36)*		
06 46 36 00-0079	LF	3/4" x 1-1/2" Custom Shaped Cherry	6.98	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0080	LF	3/4" x 2-1/2" Custom Shaped Cherry	8.87	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0081	LF	3/4" x 3-1/2" Custom Shaped Cherry	10.77	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0082	LF	3/4" x 4-1/2" Custom Shaped Cherry	12.65	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0083	LF	3/4" x 5-1/2" Custom Shaped Cherry	14.64	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0084	LF	3/4" x 6-1/2" Custom Shaped Cherry	16.64	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0085	LF	3/4" x 7-1/2" Custom Shaped Cherry	18.52	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0086	LF	3/4" x 8-1/2" Custom Shaped Cherry	20.43	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0087	LF	3/4" x 9-1/2" Custom Shaped Cherry	22.26	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0088	LF	3/4" x 10-1/2" Custom Shaped Cherry	24.27	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0089	LF	3/4" x 11-1/2" Custom Shaped Cherry	26.20	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0090	LF	1" x 1-1/2" Custom Shaped Cherry	8.25	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0091	LF	1" x 2-1/2" Custom Shaped Cherry	10.71	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0092	LF	1" x 3-1/2" Custom Shaped Cherry	13.18	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0093	LF	1" x 4-1/2" Custom Shaped Cherry	15.65	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0094	LF	1" x 5-1/2" Custom Shaped Cherry	18.23	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0095	LF	1" x 6-1/2" Custom Shaped Cherry	20.80	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0096	LF	1" x 7-1/2" Custom Shaped Cherry	23.25	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0097	LF	1" x 8-1/2" Custom Shaped Cherry	25.77	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0098	LF	1" x 9-1/2" Custom Shaped Cherry	28.16	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0099	LF	1" x 10-1/2" Custom Shaped Cherry	30.75	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0100	LF	1" x 11-1/2" Custom Shaped Cherry	33.27	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0101	LF	1-1/4" x 1-1/2" Custom Shaped Cherry	9.61	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0102	LF	1-1/4" x 2-1/2" Custom Shaped Cherry	12.74	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0103	LF	1-1/4" x 3-1/2" Custom Shaped Cherry	15.82	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0104	LF	1-1/4" x 4-1/2" Custom Shaped Cherry	18.94	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0105	LF	1-1/4" x 5-1/2" Custom Shaped Cherry	22.13	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0106	LF	1-1/4" x 6-1/2" Custom Shaped Cherry	25.35	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0107	LF	1-1/4" x 7-1/2" Custom Shaped Cherry	28.43	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0108	LF	1-1/4" x 8-1/2" Custom Shaped Cherry	31.57	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0109	LF	1-1/4" x 9-1/2" Custom Shaped Cherry	34.60	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0110	LF	1-1/4" x 10-1/2" Custom Shaped Cherry	37.86	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0111	LF	1-1/4" x 11-1/2" Custom Shaped Cherry	40.99	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0112	LF	1-1/2" x 1-1/2" Custom Shaped Cherry	12.14	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0113	LF	1-1/2" x 2-1/2" Custom Shaped Cherry	16.46	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0114	LF	1-1/2" x 3-1/2" Custom Shaped Cherry	20.77	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0115	LF	1-1/2" x 4-1/2" Custom Shaped Cherry	25.09	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0116	LF	1-1/2" x 5-1/2" Custom Shaped Cherry	29.42	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0117	LF	1-1/2" x 6-1/2" Custom Shaped Cherry	33.94	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0118	LF	1-1/2" x 7-1/2" Custom Shaped Cherry	38.25	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0119	LF	1-1/2" x 8-1/2" Custom Shaped Cherry	42.59	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0120	LF	1-1/2" x 9-1/2" Custom Shaped Cherry	46.85	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0121	LF	1-1/2" x 10-1/2" Custom Shaped Cherry	51.37	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0122	LF	1-1/2" x 11-1/2" Custom Shaped Cherry	55.67	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	

06 46 36 00-0123 Cypress *(06 46 36)*

06 46 36 00-0124	LF	3/4" x 1-1/2" Custom Shaped Cypress	5.46	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0125	LF	3/4" x 2-1/2" Custom Shaped Cypress	6.59	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0126	LF	3/4" x 3-1/2" Custom Shaped Cypress	7.72	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0127	LF	3/4" x 4-1/2" Custom Shaped Cypress	8.84	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0128	LF	3/4" x 5-1/2" Custom Shaped Cypress	10.07	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0129	LF	3/4" x 6-1/2" Custom Shaped Cypress	11.31	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0130	LF	3/4" x 7-1/2" Custom Shaped Cypress	12.71	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0131	LF	3/4" x 8-1/2" Custom Shaped Cypress	13.90	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0132	LF	3/4" x 9-1/2" Custom Shaped Cypress	16.10	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0133	LF	3/4" x 10-1/2" Custom Shaped Cypress	17.49	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0134	LF	1" x 1-1/2" Custom Shaped Cypress	7.08	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0135	LF	1" x 2-1/2" Custom Shaped Cypress	8.94	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0136	LF	1" x 3-1/2" Custom Shaped Cypress	10.82	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0137	LF	1" x 4-1/2" Custom Shaped Cypress	12.71	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0138	LF	1" x 5-1/2" Custom Shaped Cypress	14.71	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0139	LF	1" x 6-1/2" Custom Shaped Cypress	16.67	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0140	LF	1" x 7-1/2" Custom Shaped Cypress	18.54	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0141	LF	1" x 8-1/2" Custom Shaped Cypress	20.44	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0142	LF	1" x 9-1/2" Custom Shaped Cypress	22.28	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0143	LF	1" x 10-1/2" Custom Shaped Cypress	24.33	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0144	LF	1" x 11-1/2" Custom Shaped Cypress	26.20	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0145	LF	1-1/2" x 1-1/2" Custom Shaped Cypress	8.23	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0146	LF	1-1/2" x 2-1/2" Custom Shaped Cypress	10.59	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0147	LF	1-1/2" x 3-1/2" Custom Shaped Cypress	12.94	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0148	LF	1-1/2" x 4-1/2" Custom Shaped Cypress	15.29	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0149	LF	1-1/2" x 5-1/2" Custom Shaped Cypress	17.67	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0150	LF	1-1/2" x 6-1/2" Custom Shaped Cypress	20.23	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0151	LF	1-1/2" x 7-1/2" Custom Shaped Cypress	22.58	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0152	LF	1-1/2" x 8-1/2" Custom Shaped Cypress	24.96	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0153	LF	1-1/2" x 9-1/2" Custom Shaped Cypress	29.44	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0154	LF	1-1/2" x 10-1/2" Custom Shaped Cypress	32.08	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	

06 46 36 00-0155 Honduran Mahogany *(06 46 36)*

06 46 36 00-0156	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany	7.42	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0157	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany	9.52	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0158	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany	11.64	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0159	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany	13.73	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0160	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany	15.95	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0161	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany	18.16	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0162	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany	20.26	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0163	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany	22.38	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0164	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany	24.44	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0165	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany	26.66	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0166	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany	28.81	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0167	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany	8.90	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0168	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany	11.66	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0169	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany	14.45	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0170	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany	17.24	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0171	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany	20.15	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0172	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany	23.02	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0173	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany	25.79	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0174	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany	28.60	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0175	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany	31.35	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0176	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany	34.24	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0177	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany	37.44	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0178	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany	10.05	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0179	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany	13.39	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0180	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	16.69	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0181	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	20.03	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0182	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	23.44	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0183	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	26.88	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0184	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	30.17	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0185	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	33.53	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0186	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany	36.05	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0187	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany	40.26	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0188	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany	43.60	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0189	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	12.29	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0190	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	16.68	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0191	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	21.06	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0192	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	25.45	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0193	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	29.86	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0194	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	34.45	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0195	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	38.83	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0196	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	43.24	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0197	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	47.58	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0198	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	52.10	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0199	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	56.61	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0200	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany	14.50	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.87*	
06 46 36 00-0201	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	19.97	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0202	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	25.40	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0203	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	30.96	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0204	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	36.39	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0205	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	42.05	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0206	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	47.48	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0207	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	53.04	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0208	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	58.47	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0209	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	63.94	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0210	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	69.57	1.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.24*	
06 46 36 00-0211	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	17.68	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0212	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	23.59	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0213	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	30.21	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0214	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	36.92	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0215	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	43.56	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0216	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	50.38	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0217	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	57.00	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0218	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	63.73	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0219	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	70.36	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0220	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	76.99	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0221	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	83.81	1.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.26*	
06 46 36 00-0222	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	40.76	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0223	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	50.08	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0224	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	59.33	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0225	LF	3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	68.75	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0226	LF	3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	77.99	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0227	LF	3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	87.33	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0228	LF	3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	96.57	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0229	LF	3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	105.81	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	
06 46 36 00-0230	LF	3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	115.24	1.66
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.28*	

06 46 36 00-0231 Appl Soft Maple *(06 46 36)*

06 46 36 00-0232	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple	5.82	1.08
06 46 36 00-0233	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple	7.13	1.08
06 46 36 00-0234	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple	8.45	1.08
06 46 36 00-0235	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple	9.74	1.17
06 46 36 00-0236	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple	11.16	1.17
06 46 36 00-0237	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple	12.58	1.27
06 46 36 00-0238	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple	13.88	1.27
06 46 36 00-0239	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple	15.20	1.27
06 46 36 00-0240	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple	16.46	1.37
06 46 36 00-0241	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple	17.89	1.46
06 46 36 00-0242	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple	19.23	1.46
06 46 36 00-0243	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple	6.54	1.08
06 46 36 00-0244	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple	8.14	1.08
06 46 36 00-0245	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple	9.73	1.17
06 46 36 00-0246	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple	11.30	1.17
06 46 36 00-0247	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple	13.08	1.27
06 46 36 00-0248	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple	14.78	1.27
06 46 36 00-0249	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple	16.36	1.27
06 46 36 00-0250	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple	17.98	1.37
06 46 36 00-0251	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple	19.56	1.37
06 46 36 00-0252	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple	21.29	1.46
06 46 36 00-0253	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple	22.93	1.46
06 46 36 00-0254	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple	7.22	1.08
06 46 36 00-0255	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple	9.14	1.08
06 46 36 00-0256	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple	11.03	1.17
06 46 36 00-0257	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple	12.96	1.17
06 46 36 00-0258	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple	14.95	1.27
06 46 36 00-0259	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple	16.98	1.27
06 46 36 00-0260	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple	18.85	1.37
06 46 36 00-0261	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple	20.80	1.37
06 46 36 00-0262	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple	22.63	1.37
06 46 36 00-0263	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple	24.70	1.46
06 46 36 00-0264	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple	26.62	1.56
06 46 36 00-0265	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple	8.52	1.08
06 46 36 00-0266	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	11.02	1.17
06 46 36 00-0267	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	13.52	1.17
06 46 36 00-0268	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	16.02	1.27
06 46 36 00-0269	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	18.54	1.27
06 46 36 00-0270	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	21.25	1.37
06 46 36 00-0271	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	23.74	1.37
06 46 36 00-0272	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	26.26	1.46
06 46 36 00-0273	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	28.72	1.46
06 46 36 00-0274	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	31.35	1.56
06 46 36 00-0275	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	33.91	1.56

06 46 36 00-0276 Clear Yellow Pine *(06 46 36)*

06 46 36 00-0277	LF	3/4" x 1-1/2" Custom Shaped "C" Y Pine	4.88	1.08
06 46 36 00-0278	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	5.72	1.08
06 46 36 00-0279	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	6.56	1.08
06 46 36 00-0280	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	7.39	1.17
06 46 36 00-0281	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	8.33	1.17
06 46 36 00-0282	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	9.28	1.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0283	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	10.10	1.27
06 46 36 00-0284	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	10.96	1.27
06 46 36 00-0285	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	5.52	1.08
06 46 36 00-0286	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	6.65	1.08
06 46 36 00-0287	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	7.74	1.17
06 46 36 00-0288	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	8.87	1.17
06 46 36 00-0289	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	10.06	1.27
06 46 36 00-0290	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	11.30	1.27
06 46 36 00-0291	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	12.73	1.27
06 46 36 00-0292	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	13.91	1.37
06 46 36 00-0293	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	6.34	1.08
06 46 36 00-0294	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	7.76	1.17
06 46 36 00-0295	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	9.16	1.17
06 46 36 00-0296	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	10.58	1.27
06 46 36 00-0297	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	12.01	1.27
06 46 36 00-0298	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	13.63	1.37
06 46 36 00-0299	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	15.04	1.37
06 46 36 00-0300	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	16.47	1.46
06 46 36 00-0301	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	18.93	1.46
06 46 36 00-0302	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	19.53	1.56
06 46 36 00-0303		Poplar *(06 46 36)*		
06 46 36 00-0304	LF	3/4" x 1-1/2" Custom Shaped Poplar	5.10	1.08
06 46 36 00-0305	LF	3/4" x 2-1/2" Custom Shaped Poplar	6.04	1.08
06 46 36 00-0306	LF	3/4" x 3-1/2" Custom Shaped Poplar	7.00	1.08
06 46 36 00-0307	LF	3/4" x 4-1/2" Custom Shaped Poplar	7.93	1.17
06 46 36 00-0308	LF	3/4" x 5-1/2" Custom Shaped Poplar	8.99	1.17
06 46 36 00-0309	LF	3/4" x 6-1/2" Custom Shaped Poplar	10.04	1.27
06 46 36 00-0310	LF	3/4" x 7-1/2" Custom Shaped Poplar	10.97	1.27
06 46 36 00-0311	LF	3/4" x 8-1/2" Custom Shaped Poplar	11.94	1.27
06 46 36 00-0312	LF	3/4" x 9-1/2" Custom Shaped Poplar	12.83	1.37
06 46 36 00-0313	LF	3/4" x 10-1/2" Custom Shaped Poplar	13.90	1.46
06 46 36 00-0314	LF	3/4" x 11-1/2" Custom Shaped Poplar	14.95	1.46
06 46 36 00-0315	LF	1" x 1-1/2" Custom Shaped Poplar	5.81	1.08
06 46 36 00-0316	LF	1" x 2-1/2" Custom Shaped Poplar	7.05	1.08
06 46 36 00-0317	LF	1" x 3-1/2" Custom Shaped Poplar	8.28	1.17
06 46 36 00-0318	LF	1" x 4-1/2" Custom Shaped Poplar	9.52	1.17
06 46 36 00-0319	LF	1" x 5-1/2" Custom Shaped Poplar	10.90	1.27
06 46 36 00-0320	LF	1" x 6-1/2" Custom Shaped Poplar	12.24	1.27
06 46 36 00-0321	LF	1" x 7-1/2" Custom Shaped Poplar	13.46	1.27
06 46 36 00-0322	LF	1" x 8-1/2" Custom Shaped Poplar	14.71	1.37
06 46 36 00-0323	LF	1" x 9-1/2" Custom Shaped Poplar	15.93	1.37
06 46 36 00-0324	LF	1" x 10-1/2" Custom Shaped Poplar	17.30	1.46
06 46 36 00-0325	LF	1" x 11-1/2" Custom Shaped Poplar	18.58	1.46
06 46 36 00-0326	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	6.46	1.08
06 46 36 00-0327	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	7.98	1.08
06 46 36 00-0328	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	9.51	1.17
06 46 36 00-0329	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	11.03	1.17
06 46 36 00-0330	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	12.67	1.27
06 46 36 00-0331	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	14.29	1.27
06 46 36 00-0332	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	15.81	1.37
06 46 36 00-0333	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	17.35	1.37
06 46 36 00-0334	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	18.83	1.37
06 46 36 00-0335	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	20.49	1.46
06 46 36 00-0336	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	22.05	1.56
06 46 36 00-0337	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	7.94	1.08
06 46 36 00-0338	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	10.15	1.17
06 46 36 00-0339	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	12.35	1.17
06 46 36 00-0340	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	14.57	1.27
06 46 36 00-0341	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	16.80	1.27
06 46 36 00-0342	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	19.22	1.37
06 46 36 00-0343	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	21.42	1.37
06 46 36 00-0344	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	23.65	1.46
06 46 36 00-0345	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	25.82	1.46
06 46 36 00-0346	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	28.16	1.56
06 46 36 00-0347	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	30.42	1.56
06 46 36 00-0348	LF	2" x 1-1/2" Custom Shaped Poplar	10.15	1.17
06 46 36 00-0349	LF	2" x 2-1/2" Custom Shaped Poplar	13.44	1.17
06 46 36 00-0350	LF	2" x 3-1/2" Custom Shaped Poplar	16.69	1.17
06 46 36 00-0351	LF	2" x 4-1/2" Custom Shaped Poplar	20.08	1.27
06 46 36 00-0352	LF	2" x 5-1/2" Custom Shaped Poplar	23.33	1.27
06 46 36 00-0353	LF	2" x 6-1/2" Custom Shaped Poplar	26.81	1.37
06 46 36 00-0354	LF	2" x 7-1/2" Custom Shaped Poplar	30.07	1.37
06 46 36 00-0355	LF	2" x 8-1/2" Custom Shaped Poplar	33.45	1.46
06 46 36 00-0356	LF	2" x 9-1/2" Custom Shaped Poplar	36.71	1.46
06 46 36 00-0357	LF	2" x 10-1/2" Custom Shaped Poplar	40.00	1.56
06 46 36 00-0358	LF	2" x 11-1/2" Custom Shaped Poplar	43.45	1.66
06 46 36 00-0359	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	12.39	1.17
06 46 36 00-0360	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	16.73	1.17
06 46 36 00-0361	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	21.07	1.27
06 46 36 00-0362	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	25.50	1.27
06 46 36 00-0363	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	29.85	1.27
06 46 36 00-0364	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	34.39	1.37
06 46 36 00-0365	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	38.72	1.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0366	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	43.16	1.46
06 46 36 00-0367	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	47.51	1.56
06 46 36 00-0368	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	51.85	1.56
06 46 36 00-0369	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	56.39	1.66
06 46 36 00-0370	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	28.57	1.27
06 46 36 00-0371	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	34.85	1.27
06 46 36 00-0372	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	41.05	1.37
06 46 36 00-0373	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	47.50	1.46
06 46 36 00-0374	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	53.62	1.46
06 46 36 00-0375	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	59.91	1.56
06 46 36 00-0376	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	66.10	1.56
06 46 36 00-0377	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	72.30	1.56
06 46 36 00-0378	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	78.68	1.66
06 46 36 00-0379		Teak *(06 46 36)*		
06 46 36 00-0380	LF	3/4" x 1-1/2" Custom Shaped Teak	15.83	1.08
06 46 36 00-0381	LF	3/4" x 2-1/2" Custom Shaped Teak	22.15	1.08
06 46 36 00-0382	LF	3/4" x 3-1/2" Custom Shaped Teak	28.47	1.08
06 46 36 00-0383	LF	3/4" x 4-1/2" Custom Shaped Teak	34.77	1.17
06 46 36 00-0384	LF	3/4" x 5-1/2" Custom Shaped Teak	41.19	1.17
06 46 36 00-0385	LF	3/4" x 6-1/2" Custom Shaped Teak	47.62	1.27
06 46 36 00-0386	LF	3/4" x 7-1/2" Custom Shaped Teak	53.92	1.27
06 46 36 00-0387	LF	3/4" x 8-1/2" Custom Shaped Teak	60.25	1.27
06 46 36 00-0388	LF	3/4" x 9-1/2" Custom Shaped Teak	66.51	1.37
06 46 36 00-0389	LF	3/4" x 10-1/2" Custom Shaped Teak	72.94	1.46
06 46 36 00-0390	LF	3/4" x 11-1/2" Custom Shaped Teak	79.30	1.46
06 46 36 00-0391	LF	1-1/2" x 1-1/2" Custom Shaped Teak	35.79	1.08
06 46 36 00-0392	LF	1-1/2" x 2-1/2" Custom Shaped Teak	41.05	1.17
06 46 36 00-0393	LF	1-1/2" x 3-1/2" Custom Shaped Teak	53.56	1.17
06 46 36 00-0394	LF	1-1/2" x 4-1/2" Custom Shaped Teak	66.07	1.27
06 46 36 00-0395	LF	1-1/2" x 5-1/2" Custom Shaped Teak	78.61	1.27
06 46 36 00-0396	LF	1-1/2" x 6-1/2" Custom Shaped Teak	90.96	1.37
06 46 36 00-0397	LF	1-1/2" x 7-1/2" Custom Shaped Teak	103.83	1.37
06 46 36 00-0398	LF	1-1/2" x 8-1/2" Custom Shaped Teak	116.36	1.46
06 46 36 00-0399	LF	1-1/2" x 9-1/2" Custom Shaped Teak	128.82	1.46
06 46 36 00-0400	LF	1-1/2" x 10-1/2" Custom Shaped Teak	141.47	1.56
06 46 36 00-0401	LF	1-1/2" x 11-1/2" Custom Shaped Teak	154.03	1.56
06 46 36 00-0402		Ash *(06 46 36)*		
06 46 36 00-0403	LF	3/4" x 1-1/2" Custom Shaped Ash	6.48	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0404	LF	3/4" x 2-1/2" Custom Shaped Ash	8.11	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0405	LF	3/4" x 3-1/2" Custom Shaped Ash	9.75	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0406	LF	3/4" x 4-1/2" Custom Shaped Ash	11.38	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0407	LF	3/4" x 5-1/2" Custom Shaped Ash	13.12	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0408	LF	3/4" x 6-1/2" Custom Shaped Ash	14.86	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0409	LF	3/4" x 7-1/2" Custom Shaped Ash	16.49	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0410	LF	3/4" x 8-1/2" Custom Shaped Ash	18.14	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0411	LF	3/4" x 9-1/2" Custom Shaped Ash	19.72	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0412	LF	3/4" x 10-1/2" Custom Shaped Ash	21.48	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0413	LF	3/4" x 11-1/2" Custom Shaped Ash	23.15	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0414	LF	1" x 1-1/2" Custom Shaped Ash	7.63	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0415	LF	1" x 2-1/2" Custom Shaped Ash	9.77	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0416	LF	1" x 3-1/2" Custom Shaped Ash	11.91	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0417	LF	1" x 4-1/2" Custom Shaped Ash	14.05	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0418	LF	1" x 5-1/2" Custom Shaped Ash	16.34	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0419	LF	1" x 6-1/2" Custom Shaped Ash	18.59	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0420	LF	1" x 7-1/2" Custom Shaped Ash	20.71	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0421	LF	1" x 8-1/2" Custom Shaped Ash	22.87	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0422	LF	1" x 9-1/2" Custom Shaped Ash	25.00	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0423	LF	1" x 10-1/2" Custom Shaped Ash	27.27	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0424	LF	1" x 11-1/2" Custom Shaped Ash	29.46	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0425	LF	1-1/4" x 1-1/2" Custom Shaped Ash	9.07	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0426	LF	1-1/4" x 2-1/2" Custom Shaped Ash	11.90	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0427	LF	1-1/4" x 3-1/2" Custom Shaped Ash	14.73	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0428	LF	1-1/4" x 4-1/2" Custom Shaped Ash	17.56	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0429	LF	1-1/4" x 5-1/2" Custom Shaped Ash	20.50	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0430	LF	1-1/4" x 6-1/2" Custom Shaped Ash	23.43	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0431	LF	1-1/4" x 7-1/2" Custom Shaped Ash	26.25	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0432	LF	1-1/4" x 8-1/2" Custom Shaped Ash	29.10	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0433	LF	1-1/4" x 9-1/2" Custom Shaped Ash	31.88	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0434	LF	1-1/4" x 10-1/2" Custom Shaped Ash	34.85	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0435	LF	1-1/4" x 11-1/2" Custom Shaped Ash	37.72	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0436	LF	1-1/2" x 1-1/2" Custom Shaped Ash	11.13	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0437	LF	1-1/2" x 2-1/2" Custom Shaped Ash	14.94	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0438	LF	1-1/2" x 3-1/2" Custom Shaped Ash	18.74	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0439	LF	1-1/2" x 4-1/2" Custom Shaped Ash	22.55	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0440	LF	1-1/2" x 5-1/2" Custom Shaped Ash	26.38	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0441	LF	1-1/2" x 6-1/2" Custom Shaped Ash	30.39	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0442	LF	1-1/2" x 7-1/2" Custom Shaped Ash	34.26	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0443	LF	1-1/2" x 8-1/2" Custom Shaped Ash	38.02	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0444	LF	1-1/2" x 9-1/2" Custom Shaped Ash	41.78	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0445	LF	1-1/2" x 10-1/2" Custom Shaped Ash	46.08	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0446	LF	1-1/2" x 11-1/2" Custom Shaped Ash	49.57	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	

06 46 36 00-0447 Birch *(06 46 36)*

06 46 36 00-0448	LF	3/4" x 1-1/2" Custom Shaped Birch	5.82	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0449	LF	3/4" x 2-1/2" Custom Shaped Birch	7.13	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0450	LF	3/4" x 3-1/2" Custom Shaped Birch	8.45	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0451	LF	3/4" x 4-1/2" Custom Shaped Birch	9.74	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0452	LF	3/4" x 5-1/2" Custom Shaped Birch	11.16	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0453	LF	3/4" x 6-1/2" Custom Shaped Birch	12.58	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0454	LF	3/4" x 7-1/2" Custom Shaped Birch	13.88	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0455	LF	3/4" x 8-1/2" Custom Shaped Birch	15.20	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0456	LF	3/4" x 9-1/2" Custom Shaped Birch	16.46	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0457	LF	3/4" x 10-1/2" Custom Shaped Birch	17.89	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0458	LF	3/4" x 11-1/2" Custom Shaped Birch	19.23	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0459	LF	1" x 1-1/2" Custom Shaped Birch	6.72	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0460	LF	1" x 2-1/2" Custom Shaped Birch	8.39	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0461	LF	1" x 3-1/2" Custom Shaped Birch	10.10	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0462	LF	1" x 4-1/2" Custom Shaped Birch	11.80	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0463	LF	1" x 5-1/2" Custom Shaped Birch	13.62	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0464	LF	1" x 6-1/2" Custom Shaped Birch	15.40	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0465	LF	1" x 7-1/2" Custom Shaped Birch	17.08	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0466	LF	1" x 8-1/2" Custom Shaped Birch	18.81	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0467	LF	1" x 9-1/2" Custom Shaped Birch	20.47	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0468	LF	1" x 10-1/2" Custom Shaped Birch	22.27	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0469	LF	1" x 11-1/2" Custom Shaped Birch	24.02	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0470	LF	1-1/4" x 1-1/2" Custom Shaped Birch	7.76	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0471	LF	1-1/4" x 2-1/2" Custom Shaped Birch	9.94	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0472	LF	1-1/4" x 3-1/2" Custom Shaped Birch	12.12	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0473	LF	1-1/4" x 4-1/2" Custom Shaped Birch	14.30	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0474	LF	1-1/4" x 5-1/2" Custom Shaped Birch	16.58	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0475	LF	1-1/4" x 6-1/2" Custom Shaped Birch	18.86	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0476	LF	1-1/4" x 7-1/2" Custom Shaped Birch	21.03	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0477	LF	1-1/4" x 8-1/2" Custom Shaped Birch	23.23	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0478	LF	1-1/4" x 9-1/2" Custom Shaped Birch	25.35	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0479	LF	1-1/4" x 10-1/2" Custom Shaped Birch	27.67	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0480	LF	1-1/4" x 11-1/2" Custom Shaped Birch	29.89	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0481	LF	1-1/2" x 1-1/2" Custom Shaped Birch	9.39	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0482	LF	1-1/2" x 2-1/2" Custom Shaped Birch	12.33	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0483	LF	1-1/2" x 3-1/2" Custom Shaped Birch	15.26	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0484	LF	1-1/2" x 4-1/2" Custom Shaped Birch	18.20	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0485	LF	1-1/2" x 5-1/2" Custom Shaped Birch	21.15	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0486	LF	1-1/2" x 6-1/2" Custom Shaped Birch	24.29	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0487	LF	1-1/2" x 7-1/2" Custom Shaped Birch	27.22	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0488	LF	1-1/2" x 8-1/2" Custom Shaped Birch	30.18	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0489	LF	1-1/2" x 9-1/2" Custom Shaped Birch	33.07	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0490	LF	1-1/2" x 10-1/2" Custom Shaped Birch	36.50	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0491	LF	1-1/2" x 11-1/2" Custom Shaped Birch	39.13	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0492		Fir *(06 46 36)*		
06 46 36 00-0493	LF	3/4" x 1-1/2" Custom Shaped Fir	6.04	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.79*	
06 46 36 00-0494	LF	3/4" x 2-1/2" Custom Shaped Fir	7.46	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0495	LF	3/4" x 3-1/2" Custom Shaped Fir	8.88	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0496	LF	3/4" x 4-1/2" Custom Shaped Fir	10.29	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0497	LF	3/4" x 5-1/2" Custom Shaped Fir	11.81	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0498	LF	3/4" x 6-1/2" Custom Shaped Fir	13.34	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0499	LF	3/4" x 7-1/2" Custom Shaped Fir	14.75	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0500	LF	3/4" x 8-1/2" Custom Shaped Fir	16.18	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.02*	
06 46 36 00-0501	LF	3/4" x 9-1/2" Custom Shaped Fir	17.55	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0502	LF	3/4" x 10-1/2" Custom Shaped Fir	19.08	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0503	LF	1" x 1-1/2" Custom Shaped Fir	7.08	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.81*	
06 46 36 00-0504	LF	1" x 2-1/2" Custom Shaped Fir	8.94	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.84*	
06 46 36 00-0505	LF	1" x 3-1/2" Custom Shaped Fir	10.82	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0506	LF	1" x 4-1/2" Custom Shaped Fir	12.71	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0507	LF	1" x 5-1/2" Custom Shaped Fir	14.71	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0508	LF	1" x 6-1/2" Custom Shaped Fir	16.67	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.99*	
06 46 36 00-0509	LF	1" x 7-1/2" Custom Shaped Fir	18.54	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0510	LF	1" x 8-1/2" Custom Shaped Fir	20.44	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.04*	
06 46 36 00-0511	LF	1" x 9-1/2" Custom Shaped Fir	22.28	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.05*	
06 46 36 00-0512	LF	1" x 10-1/2" Custom Shaped Fir	24.33	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.11*	
06 46 36 00-0513	LF	1" x 11-1/2" Custom Shaped Fir	26.20	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0514	LF	1-1/4" x 1-1/2" Custom Shaped Fir	7.87	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.83*	
06 46 36 00-0515	LF	1-1/4" x 2-1/2" Custom Shaped Fir	10.12	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0516	LF	1-1/4" x 3-1/2" Custom Shaped Fir	12.34	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.89*	
06 46 36 00-0517	LF	1-1/4" x 4-1/2" Custom Shaped Fir	14.59	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0518	LF	1-1/4" x 5-1/2" Custom Shaped Fir	16.91	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0519	LF	1-1/4" x 6-1/2" Custom Shaped Fir	19.26	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0520	LF	1-1/4" x 7-1/2" Custom Shaped Fir	21.46	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0521	LF	1-1/4" x 8-1/2" Custom Shaped Fir	23.73	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0522	LF	1-1/4" x 9-1/2" Custom Shaped Fir	25.90	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0523	LF	1-1/4" x 10-1/2" Custom Shaped Fir	28.29	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.13*	
06 46 36 00-0524	LF	1-1/4" x 11-1/2" Custom Shaped Fir	30.54	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0525	LF	1-1/2" x 1-1/2" Custom Shaped Fir	8.95	1.08
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.86*	
06 46 36 00-0526	LF	1-1/2" x 2-1/2" Custom Shaped Fir	11.67	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.88*	
06 46 36 00-0527	LF	1-1/2" x 3-1/2" Custom Shaped Fir	14.39	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.91*	
06 46 36 00-0528	LF	1-1/2" x 4-1/2" Custom Shaped Fir	17.11	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.93*	
06 46 36 00-0529	LF	1-1/2" x 5-1/2" Custom Shaped Fir	19.85	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.96*	
06 46 36 00-0530	LF	1-1/2" x 6-1/2" Custom Shaped Fir	22.77	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0531	LF	1-1/2" x 7-1/2" Custom Shaped Fir	25.48	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.06*	
06 46 36 00-0532	LF	1-1/2" x 8-1/2" Custom Shaped Fir	28.22	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
06 46 36 00-0533	LF	1-1/2" x 9-1/2" Custom Shaped Fir	30.89	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0534	LF	1-1/2" x 10-1/2" Custom Shaped Fir	33.75	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.15*	
06 46 36 00-0535	LF	1-1/2" x 11-1/2" Custom Shaped Fir	36.52	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0536	LF	2-1/2" x 1-1/2" Custom Shaped Fir	14.35	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.90*	
06 46 36 00-0537	LF	2-1/2" x 2-1/2" Custom Shaped Fir	19.67	1.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.92*	
06 46 36 00-0538	LF	2-1/2" x 3-1/2" Custom Shaped Fir	24.99	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.94*	
06 46 36 00-0539	LF	2-1/2" x 4-1/2" Custom Shaped Fir	30.39	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 36 00-0540	LF	2-1/2" x 5-1/2" Custom Shaped Fir	35.73	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0541	LF	2-1/2" x 6-1/2" Custom Shaped Fir	41.24	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.08*	
06 46 36 00-0542	LF	2-1/2" x 7-1/2" Custom Shaped Fir	46.55	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0543	LF	2-1/2" x 8-1/2" Custom Shaped Fir	52.05	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 36 00-0544	LF	2-1/2" x 9-1/2" Custom Shaped Fir	57.30	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0545	LF	2-1/2" x 10-1/2" Custom Shaped Fir	62.62	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0546	LF	3-1/2" x 3-1/2" Custom Shaped Fir	30.97	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.97*	
06 46 36 00-0547	LF	3-1/2" x 4-1/2" Custom Shaped Fir	37.75	1.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.01*	
06 46 36 00-0548	LF	3-1/2" x 5-1/2" Custom Shaped Fir	44.53	1.37
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.03*	
06 46 36 00-0549	LF	3-1/2" x 6-1/2" Custom Shaped Fir	51.49	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.10*	
06 46 36 00-0550	LF	3-1/2" x 7-1/2" Custom Shaped Fir	58.26	1.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.12*	
06 46 36 00-0551	LF	3-1/2" x 8-1/2" Custom Shaped Fir	65.13	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.17*	
06 46 36 00-0552	LF	3-1/2" x 9-1/2" Custom Shaped Fir	71.91	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.19*	
06 46 36 00-0553	LF	3-1/2" x 10-1/2" Custom Shaped Fir	78.68	1.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.21*	

06 46 36 00-0554 Maple *(06 46 36)*

06 46 36 00-0555	LF	3/4" x 1-1/2" Custom Shaped Maple	5.75	1.08
06 46 36 00-0556	LF	3/4" x 2-1/2" Custom Shaped Maple	7.02	1.08
06 46 36 00-0557	LF	3/4" x 3-1/2" Custom Shaped Maple	8.30	1.08
06 46 36 00-0558	LF	3/4" x 4-1/2" Custom Shaped Maple	9.56	1.17
06 46 36 00-0559	LF	3/4" x 5-1/2" Custom Shaped Maple	10.94	1.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0560	LF	3/4" x 6-1/2" Custom Shaped Maple	12.32	1.27
06 46 36 00-0561	LF	3/4" x 7-1/2" Custom Shaped Maple	13.59	1.27
06 46 36 00-0562	LF	3/4" x 8-1/2" Custom Shaped Maple	14.88	1.27
06 46 36 00-0563	LF	3/4" x 9-1/2" Custom Shaped Maple	16.10	1.37
06 46 36 00-0564	LF	3/4" x 10-1/2" Custom Shaped Maple	17.49	1.46
06 46 36 00-0565	LF	3/4" x 11-1/2" Custom Shaped Maple	18.80	1.46
06 46 36 00-0566	LF	1" x 1-1/2" Custom Shaped Maple	6.72	1.08
06 46 36 00-0567	LF	1" x 2-1/2" Custom Shaped Maple	8.39	1.08
06 46 36 00-0568	LF	1" x 3-1/2" Custom Shaped Maple	10.10	1.17
06 46 36 00-0569	LF	1" x 4-1/2" Custom Shaped Maple	11.80	1.17
06 46 36 00-0570	LF	1" x 5-1/2" Custom Shaped Maple	13.62	1.27
06 46 36 00-0571	LF	1" x 6-1/2" Custom Shaped Maple	15.40	1.27
06 46 36 00-0572	LF	1" x 7-1/2" Custom Shaped Maple	17.08	1.27
06 46 36 00-0573	LF	1" x 8-1/2" Custom Shaped Maple	18.81	1.37
06 46 36 00-0574	LF	1" x 9-1/2" Custom Shaped Maple	20.47	1.37
06 46 36 00-0575	LF	1" x 10-1/2" Custom Shaped Maple	21.54	1.46
06 46 36 00-0576	LF	1" x 11-1/2" Custom Shaped Maple	24.02	1.46
06 46 36 00-0577	LF	1-1/4" x 1-1/2" Custom Shaped Maple	7.55	1.08
06 46 36 00-0578	LF	1-1/4" x 2-1/2" Custom Shaped Maple	9.62	1.08
06 46 36 00-0579	LF	1-1/4" x 3-1/2" Custom Shaped Maple	11.68	1.17
06 46 36 00-0580	LF	1-1/4" x 4-1/2" Custom Shaped Maple	13.75	1.17
06 46 36 00-0581	LF	1-1/4" x 5-1/2" Custom Shaped Maple	15.93	1.27
06 46 36 00-0582	LF	1-1/4" x 6-1/2" Custom Shaped Maple	18.10	1.27
06 46 36 00-0583	LF	1-1/4" x 7-1/2" Custom Shaped Maple	20.16	1.37
06 46 36 00-0584	LF	1-1/4" x 8-1/2" Custom Shaped Maple	22.25	1.37
06 46 36 00-0585	LF	1-1/4" x 9-1/2" Custom Shaped Maple	24.27	1.37
06 46 36 00-0586	LF	1-1/4" x 10-1/2" Custom Shaped Maple	26.47	1.46
06 46 36 00-0587	LF	1-1/4" x 11-1/2" Custom Shaped Maple	28.58	1.56
06 46 36 00-0588	LF	1-1/2" x 1-1/2" Custom Shaped Maple	9.24	1.08
06 46 36 00-0589	LF	1-1/2" x 2-1/2" Custom Shaped Maple	12.11	1.17
06 46 36 00-0590	LF	1-1/2" x 3-1/2" Custom Shaped Maple	14.97	1.17
06 46 36 00-0591	LF	1-1/2" x 4-1/2" Custom Shaped Maple	17.83	1.27
06 46 36 00-0592	LF	1-1/2" x 5-1/2" Custom Shaped Maple	20.72	1.27
06 46 36 00-0593	LF	1-1/2" x 6-1/2" Custom Shaped Maple	23.79	1.37
06 46 36 00-0594	LF	1-1/2" x 7-1/2" Custom Shaped Maple	26.64	1.37
06 46 36 00-0595	LF	1-1/2" x 8-1/2" Custom Shaped Maple	29.89	1.46
06 46 36 00-0596	LF	1-1/2" x 9-1/2" Custom Shaped Maple	32.35	1.46
06 46 36 00-0597	LF	1-1/2" x 10-1/2" Custom Shaped Maple	35.41	1.56
06 46 36 00-0598	LF	1-1/2" x 11-1/2" Custom Shaped Maple	38.26	1.56
06 46 36 00-0599	LF	2" x 1-1/2" Custom Shaped Maple	11.96	1.17
06 46 36 00-0600	LF	2" x 2-1/2" Custom Shaped Maple	16.16	1.17
06 46 36 00-0601	LF	2" x 3-1/2" Custom Shaped Maple	20.32	1.17
06 46 36 00-0602	LF	2" x 4-1/2" Custom Shaped Maple	24.61	1.27
06 46 36 00-0603	LF	2" x 5-1/2" Custom Shaped Maple	28.77	1.27
06 46 36 00-0604	LF	2" x 6-1/2" Custom Shaped Maple	33.16	1.37
06 46 36 00-0605	LF	2" x 7-1/2" Custom Shaped Maple	37.32	1.37
06 46 36 00-0606	LF	2" x 8-1/2" Custom Shaped Maple	41.61	1.46
06 46 36 00-0607	LF	2" x 9-1/2" Custom Shaped Maple	45.77	1.46
06 46 36 00-0608	LF	2" x 10-1/2" Custom Shaped Maple	49.97	1.56
06 46 36 00-0609	LF	2" x 11-1/2" Custom Shaped Maple	54.70	1.66
06 46 36 00-0610	LF	3-1/2" x 3-1/2" Custom Shaped Maple	43.66	1.27
06 46 36 00-0611	LF	3-1/2" x 4-1/2" Custom Shaped Maple	53.71	1.27
06 46 36 00-0612	LF	3-1/2" x 5-1/2" Custom Shaped Maple	63.68	1.37
06 46 36 00-0613	LF	3-1/2" x 6-1/2" Custom Shaped Maple	73.83	1.46
06 46 36 00-0614	LF	3-1/2" x 7-1/2" Custom Shaped Maple	83.79	1.46
06 46 36 00-0615	LF	3-1/2" x 8-1/2" Custom Shaped Maple	93.86	1.56
06 46 36 00-0616	LF	3-1/2" x 9-1/2" Custom Shaped Maple	103.83	1.56
06 46 36 00-0617	LF	3-1/2" x 10-1/2" Custom Shaped Maple	113.79	1.56
06 46 36 00-0618	LF	3-1/2" x 11-1/2" Custom Shaped Maple	123.95	1.66

06 46 36 00-0619 Red Oak *(06 46 36)*

06 46 36 00-0620	LF	3/4" x 1-1/2" Custom Shaped Red Oak	6.19	1.08
06 46 36 00-0621	LF	3/4" x 2-1/2" Custom Shaped Red Oak	7.67	1.08
06 46 36 00-0622	LF	3/4" x 3-1/2" Custom Shaped Red Oak	9.17	1.08
06 46 36 00-0623	LF	3/4" x 4-1/2" Custom Shaped Red Oak	10.65	1.17
06 46 36 00-0624	LF	3/4" x 5-1/2" Custom Shaped Red Oak	12.25	1.17
06 46 36 00-0625	LF	3/4" x 6-1/2" Custom Shaped Red Oak	13.85	1.27
06 46 36 00-0626	LF	3/4" x 7-1/2" Custom Shaped Red Oak	15.33	1.27
06 46 36 00-0627	LF	3/4" x 8-1/2" Custom Shaped Red Oak	16.83	1.27
06 46 36 00-0628	LF	3/4" x 9-1/2" Custom Shaped Red Oak	18.27	1.37
06 46 36 00-0629	LF	3/4" x 10-1/2" Custom Shaped Red Oak	19.88	1.46
06 46 36 00-0630	LF	3/4" x 11-1/2" Custom Shaped Red Oak	21.41	1.46
06 46 36 00-0631	LF	1" x 1-1/2" Custom Shaped Red Oak	7.34	1.08
06 46 36 00-0632	LF	1" x 2-1/2" Custom Shaped Red Oak	9.37	1.08
06 46 36 00-0633	LF	1" x 3-1/2" Custom Shaped Red Oak	11.37	1.17
06 46 36 00-0634	LF	1" x 4-1/2" Custom Shaped Red Oak	14.12	1.17
06 46 36 00-0635	LF	1" x 5-1/2" Custom Shaped Red Oak	15.51	1.27
06 46 36 00-0636	LF	1" x 6-1/2" Custom Shaped Red Oak	17.65	1.27
06 46 36 00-0637	LF	1" x 7-1/2" Custom Shaped Red Oak	19.62	1.27
06 46 36 00-0638	LF	1" x 8-1/2" Custom Shaped Red Oak	21.64	1.37
06 46 36 00-0639	LF	1" x 9-1/2" Custom Shaped Red Oak	23.62	1.37
06 46 36 00-0640	LF	1" x 10-1/2" Custom Shaped Red Oak	25.78	1.46
06 46 36 00-0641	LF	1" x 11-1/2" Custom Shaped Red Oak	27.83	1.46
06 46 36 00-0642	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak	8.96	1.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0643	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak	11.76	1.08
06 46 36 00-0644	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak	14.51	1.17
06 46 36 00-0645	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak	17.31	1.17
06 46 36 00-0646	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak	20.18	1.27
06 46 36 00-0647	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak	23.07	1.27
06 46 36 00-0648	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak	25.82	1.37
06 46 36 00-0649	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak	28.63	1.37
06 46 36 00-0650	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak	31.34	1.37
06 46 36 00-0651	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak	34.27	1.46
06 46 36 00-0652	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak	37.07	1.56
06 46 36 00-0653	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak	12.29	1.08
06 46 36 00-0654	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak	16.68	1.17
06 46 36 00-0655	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak	21.06	1.17
06 46 36 00-0656	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak	25.45	1.17
06 46 36 00-0657	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak	29.86	1.27
06 46 36 00-0658	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak	34.52	1.37
06 46 36 00-0659	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	38.83	1.37
06 46 36 00-0660	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	43.96	1.46
06 46 36 00-0661	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	47.58	1.46
06 46 36 00-0662	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	52.10	1.46
06 46 36 00-0663	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	56.54	1.56
06 46 36 00-0664	LF	2" x 1-1/2" Custom Shaped Red Oak	18.49	1.17
06 46 36 00-0665	LF	2" x 2-1/2" Custom Shaped Red Oak	25.95	1.17
06 46 36 00-0666	LF	2" x 3-1/2" Custom Shaped Red Oak	33.38	1.17
06 46 36 00-0667	LF	2" x 4-1/2" Custom Shaped Red Oak	40.93	1.27
06 46 36 00-0668	LF	2" x 5-1/2" Custom Shaped Red Oak	48.36	1.27
06 46 36 00-0669	LF	2" x 6-1/2" Custom Shaped Red Oak	56.01	1.37
06 46 36 00-0670	LF	2" x 7-1/2" Custom Shaped Red Oak	63.44	1.37
06 46 36 00-0671	LF	2" x 8-1/2" Custom Shaped Red Oak	70.99	1.46
06 46 36 00-0672	LF	2" x 9-1/2" Custom Shaped Red Oak	78.42	1.46
06 46 36 00-0673	LF	2" x 10-1/2" Custom Shaped Red Oak	85.88	1.56
06 46 36 00-0674	LF	2" x 11-1/2" Custom Shaped Red Oak	93.51	1.66
06 46 36 00-0675		**White Oak** *(06 46 36)*		
06 46 36 00-0676	LF	3/4" x 1-1/2" Custom Shaped White Oak	6.26	1.08
06 46 36 00-0677	LF	3/4" x 2-1/2" Custom Shaped White Oak	7.78	1.08
06 46 36 00-0678	LF	3/4" x 3-1/2" Custom Shaped White Oak	9.32	1.08
06 46 36 00-0679	LF	3/4" x 4-1/2" Custom Shaped White Oak	10.83	1.17
06 46 36 00-0680	LF	3/4" x 5-1/2" Custom Shaped White Oak	12.47	1.17
06 46 36 00-0681	LF	3/4" x 6-1/2" Custom Shaped White Oak	14.10	1.27
06 46 36 00-0682	LF	3/4" x 7-1/2" Custom Shaped White Oak	15.62	1.27
06 46 36 00-0683	LF	3/4" x 8-1/2" Custom Shaped White Oak	17.16	1.27
06 46 36 00-0684	LF	3/4" x 9-1/2" Custom Shaped White Oak	18.64	1.37
06 46 36 00-0685	LF	3/4" x 10-1/2" Custom Shaped White Oak	20.28	1.46
06 46 36 00-0686	LF	3/4" x 11-1/2" Custom Shaped White Oak	21.84	1.46
06 46 36 00-0687	LF	1" x 1-1/2" Custom Shaped White Oak	7.34	1.08
06 46 36 00-0688	LF	1" x 2-1/2" Custom Shaped White Oak	9.37	1.08
06 46 36 00-0689	LF	1" x 3-1/2" Custom Shaped White Oak	11.37	1.17
06 46 36 00-0690	LF	1" x 4-1/2" Custom Shaped White Oak	14.12	1.17
06 46 36 00-0691	LF	1" x 5-1/2" Custom Shaped White Oak	15.51	1.27
06 46 36 00-0692	LF	1" x 6-1/2" Custom Shaped White Oak	17.65	1.27
06 46 36 00-0693	LF	1" x 7-1/2" Custom Shaped White Oak	19.62	1.27
06 46 36 00-0694	LF	1" x 8-1/2" Custom Shaped White Oak	21.64	1.37
06 46 36 00-0695	LF	1" x 9-1/2" Custom Shaped White Oak	23.62	1.37
06 46 36 00-0696	LF	1" x 10-1/2" Custom Shaped White Oak	25.78	1.46
06 46 36 00-0697	LF	1" x 11-1/2" Custom Shaped White Oak	27.83	1.46
06 46 36 00-0698	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	9.07	1.08
06 46 36 00-0699	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	11.90	1.08
06 46 36 00-0700	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	14.73	1.17
06 46 36 00-0701	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	17.56	1.17
06 46 36 00-0702	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	20.50	1.27
06 46 36 00-0703	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	23.43	1.27
06 46 36 00-0704	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	26.25	1.37
06 46 36 00-0705	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	29.10	1.37
06 46 36 00-0706	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	31.88	1.37
06 46 36 00-0707	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	34.85	1.46
06 46 36 00-0708	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	37.72	1.56
06 46 36 00-0709	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	14.47	1.08
06 46 36 00-0710	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	19.94	1.17
06 46 36 00-0711	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	25.41	1.17
06 46 36 00-0712	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	30.89	1.27
06 46 36 00-0713	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	36.39	1.27
06 46 36 00-0714	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	42.07	1.37
06 46 36 00-0715	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	47.53	1.37
06 46 36 00-0716	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	53.03	1.46
06 46 36 00-0717	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	57.73	1.46
06 46 36 00-0718	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	64.07	1.56
06 46 36 00-0719	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	69.60	1.56
06 46 36 00-0720		**White Pine** *(06 46 36)*		
06 46 36 00-0721	LF	3/4" x 1-1/2" Custom Shaped White Pine	6.91	1.08
06 46 36 00-0722	LF	3/4" x 2-1/2" Custom Shaped White Pine	8.76	1.08
06 46 36 00-0723	LF	3/4" x 3-1/2" Custom Shaped White Pine	10.62	1.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0724	LF	3/4" x 4-1/2" Custom Shaped White Pine	12.46	1.17
06 46 36 00-0725	LF	3/4" x 5-1/2" Custom Shaped White Pine	14.43	1.17
06 46 36 00-0726	LF	3/4" x 6-1/2" Custom Shaped White Pine	16.39	1.27
06 46 36 00-0727	LF	3/4" x 7-1/2" Custom Shaped White Pine	18.23	1.27
06 46 36 00-0728	LF	3/4" x 8-1/2" Custom Shaped White Pine	20.10	1.27
06 46 36 00-0729	LF	3/4" x 9-1/2" Custom Shaped White Pine	22.99	1.37
06 46 36 00-0730	LF	3/4" x 10-1/2" Custom Shaped White Pine	25.07	1.46
06 46 36 00-0731	LF	1" x 1-1/2" Custom Shaped White Pine	7.70	1.08
06 46 36 00-0732	LF	1" x 2-1/2" Custom Shaped White Pine	9.91	1.08
06 46 36 00-0733	LF	1" x 3-1/2" Custom Shaped White Pine	12.09	1.17
06 46 36 00-0734	LF	1" x 4-1/2" Custom Shaped White Pine	14.31	1.17
06 46 36 00-0735	LF	1" x 5-1/2" Custom Shaped White Pine	16.59	1.27
06 46 36 00-0736	LF	1" x 6-1/2" Custom Shaped White Pine	18.92	1.27
06 46 36 00-0737	LF	1" x 7-1/2" Custom Shaped White Pine	21.07	1.27
06 46 36 00-0738	LF	1" x 8-1/2" Custom Shaped White Pine	23.31	1.37
06 46 36 00-0739	LF	1" x 9-1/2" Custom Shaped White Pine	25.44	1.37
06 46 36 00-0740	LF	1" x 10-1/2" Custom Shaped White Pine	27.78	1.46
06 46 36 00-0741	LF	1" x 11-1/2" Custom Shaped White Pine	30.01	1.46
06 46 36 00-0742	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	8.64	1.08
06 46 36 00-0743	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	11.25	1.08
06 46 36 00-0744	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	13.93	1.17
06 46 36 00-0745	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	16.47	1.17
06 46 36 00-0746	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	19.20	1.27
06 46 36 00-0747	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	21.91	1.27
06 46 36 00-0748	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	24.51	1.37
06 46 36 00-0749	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	27.14	1.37
06 46 36 00-0750	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	29.71	1.37
06 46 36 00-0751	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	32.46	1.46
06 46 36 00-0752	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	35.11	1.56
06 46 36 00-0753	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	10.69	1.08
06 46 36 00-0754	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	14.29	1.17
06 46 36 00-0755	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	17.87	1.17
06 46 36 00-0756	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	21.46	1.27
06 46 36 00-0757	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	25.07	1.27
06 46 36 00-0758	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	28.86	1.37
06 46 36 00-0759	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	32.45	1.37
06 46 36 00-0760	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	36.06	1.46
06 46 36 00-0761	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	40.32	1.46
06 46 36 00-0762	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	43.32	1.56
06 46 36 00-0763	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	46.96	1.56
06 46 36 00-0764	LF	2" x 1-1/2" Custom Shaped White Pine	16.13	1.17
06 46 36 00-0765	LF	2" x 2-1/2" Custom Shaped White Pine	22.40	1.17
06 46 36 00-0766	LF	2" x 3-1/2" Custom Shaped White Pine	28.66	1.17
06 46 36 00-0767	LF	2" x 4-1/2" Custom Shaped White Pine	35.02	1.27
06 46 36 00-0768	LF	2" x 5-1/2" Custom Shaped White Pine	41.29	1.27
06 46 36 00-0769	LF	2" x 6-1/2" Custom Shaped White Pine	47.74	1.37
06 46 36 00-0770	LF	2" x 7-1/2" Custom Shaped White Pine	54.01	1.37
06 46 36 00-0771	LF	2" x 8-1/2" Custom Shaped White Pine	60.36	1.46
06 46 36 00-0772	LF	2" x 9-1/2" Custom Shaped White Pine	66.63	1.46
06 46 36 00-0773	LF	2" x 10-1/2" Custom Shaped White Pine	72.90	1.56
06 46 36 00-0774	LF	2" x 11-1/2" Custom Shaped White Pine	79.36	1.66
06 46 36 00-0775	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	19.13	1.17
06 46 36 00-0776	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	26.85	1.17
06 46 36 00-0777	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	34.57	1.27
06 46 36 00-0778	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	42.36	1.27
06 46 36 00-0779	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	50.09	1.27
06 46 36 00-0780	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	58.00	1.37
06 46 36 00-0781	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	65.70	1.46
06 46 36 00-0782	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	73.52	1.46
06 46 36 00-0783	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	81.24	1.56
06 46 36 00-0784	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	88.95	1.56
06 46 36 00-0785	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	96.87	1.66
06 46 36 00-0786	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	47.72	1.27
06 46 36 00-0787	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	58.79	1.27
06 46 36 00-0788	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	69.78	1.37
06 46 36 00-0789	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	80.94	1.46
06 46 36 00-0790	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	91.92	1.46
06 46 36 00-0791	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	103.00	1.56
06 46 36 00-0792	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	113.98	1.56
06 46 36 00-0793	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	124.96	1.56
06 46 36 00-0794	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	136.13	1.66

06 46 36 00-0795 Clear Heart Redwood *(06 46 36)*

06 46 36 00-0796	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	6.11	1.08
06 46 36 00-0797	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	7.57	1.08
06 46 36 00-0798	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	9.03	1.08
06 46 36 00-0799	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	10.47	1.17
06 46 36 00-0800	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	12.03	1.17
06 46 36 00-0801	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	13.59	1.27
06 46 36 00-0802	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	16.49	1.27
06 46 36 00-0803	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	18.14	1.27
06 46 36 00-0804	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	18.24	1.37
06 46 36 00-0805	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	19.48	1.46
06 46 36 00-0806	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	7.27	1.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0807	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	9.23	1.08
06 46 36 00-0808	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	11.19	1.17
06 46 36 00-0809	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	13.15	1.17
06 46 36 00-0810	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	15.25	1.27
06 46 36 00-0811	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	17.32	1.27
06 46 36 00-0812	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	21.80	1.27
06 46 36 00-0813	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	24.11	1.37
06 46 36 00-0814	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	26.34	1.37
06 46 36 00-0815	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	28.76	1.46
06 46 36 00-0816	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	9.39	1.08
06 46 36 00-0817	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	12.33	1.17
06 46 36 00-0818	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	15.26	1.17
06 46 36 00-0819	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	18.20	1.27
06 46 36 00-0820	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	21.15	1.27
06 46 36 00-0821	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	24.37	1.37
06 46 36 00-0822	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	32.45	1.37
06 46 36 00-0823	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	36.06	1.46
06 46 36 00-0824	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	42.50	1.46
06 46 36 00-0825	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	46.51	1.56
06 46 36 00-0826	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	44.82	1.27
06 46 36 00-0827	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	55.16	1.27
06 46 36 00-0828	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	65.42	1.37
06 46 36 00-0829	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	75.86	1.46
06 46 36 00-0830	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	86.12	1.46
06 46 36 00-0831	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	96.47	1.56
06 46 36 00-0832	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	106.73	1.56
06 46 36 00-0833	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	116.98	1.56
06 46 36 00-0834	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	127.43	1.66

06 46 36 00-0835 Walnut *(06 46 36)*

06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	8.94	1.08
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	11.81	1.08
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	14.69	1.08
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	17.54	1.17
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	20.52	1.17
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	23.50	1.27
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	26.35	1.27
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	29.24	1.27
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	32.06	1.37
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	35.04	1.46
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	37.95	1.46
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	10.60	1.08
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	14.27	1.08
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	17.90	1.17
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	21.56	1.17
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	25.30	1.27
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	29.07	1.27
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	32.68	1.27
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	36.37	1.37
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	39.94	1.37
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	43.74	1.46
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	47.42	1.46
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	12.88	1.08
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	17.63	1.08
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	22.35	1.17
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	27.10	1.17
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	31.93	1.27
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	36.78	1.27
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	41.49	1.37
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	46.26	1.37
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	50.92	1.37
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	55.82	1.46
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	60.57	1.56
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	17.22	1.08
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	24.08	1.17
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	30.93	1.17
06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut	37.78	1.27
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut	44.66	1.27
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut	51.71	1.37
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut	58.56	1.37
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut	65.44	1.46
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut	72.97	1.46
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut	79.23	1.56
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut	86.14	1.56
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut	28.46	1.17
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut	40.90	1.17
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut	53.33	1.17
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut	65.85	1.27
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut	78.28	1.27
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut	90.90	1.37
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut	103.34	1.37
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut	115.86	1.46
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut	128.29	1.46
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut	140.72	1.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut	153.35	1.66
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut	35.46	1.17
06 46 36 00-0892	LF	2-1/2" x 2-1/2" Custom Shaped Walnut	51.33	1.17
06 46 36 00-0893	LF	2-1/2" x 3-1/2" Custom Shaped Walnut	67.21	1.27
06 46 36 00-0894	LF	2-1/2" x 4-1/2" Custom Shaped Walnut	83.17	1.27
06 46 36 00-0895	LF	2-1/2" x 5-1/2" Custom Shaped Walnut	99.06	1.27
06 46 36 00-0896	LF	2-1/2" x 6-1/2" Custom Shaped Walnut	115.12	1.37
06 46 36 00-0897	LF	2-1/2" x 7-1/2" Custom Shaped Walnut	130.99	1.46
06 46 36 00-0898	LF	2-1/2" x 8-1/2" Custom Shaped Walnut	146.97	1.46
06 46 36 00-0899	LF	2-1/2" x 9-1/2" Custom Shaped Walnut	162.85	1.56
06 46 36 00-0900	LF	2-1/2" x 10-1/2" Custom Shaped Walnut	178.72	1.56
06 46 36 00-0901	LF	2-1/2" x 11-1/2" Custom Shaped Walnut	194.80	1.66

06 48 Wood Frames *(06 40)*

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames *(06 48)*

06 48 13 00-0001 Exterior Door Frames *(06 48 13)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	234.12	55.30
		For Birch, Add	*43.27*	
		For Mahogany, Add	*105.08*	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	246.00	57.95
		For Birch, Add	*45.72*	
		For Mahogany, Add	*111.03*	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	257.91	60.21
		For Birch, Add	*48.16*	
		For Mahogany, Add	*116.96*	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	280.50	64.43
		For Birch, Add	*53.05*	
		For Mahogany, Add	*128.83*	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	303.67	69.05
		For Birch, Add	*57.94*	
		For Mahogany, Add	*140.72*	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	338.06	55.50
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	344.84	57.95
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	351.58	60.40
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	363.22	64.33
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	376.89	69.25
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	270.05	55.50
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	282.97	57.95
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	295.97	60.40
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	319.87	64.33
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	345.72	69.25

06 48 16 Interior Wood Door Frames *(06 48)*

06 48 16 00-0001 Interior Door Frames *(06 48 16)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	116.60	26.32
		For Oak Or Maple, Add	*19.83*	
		For Birch, Add	*22.39*	
		For Mahogany, Add	*54.38*	
		For Walnut Frame, Add	*28.79*	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	117.39	26.42
		For Oak Or Maple, Add	*20.00*	
		For Birch, Add	*22.58*	
		For Mahogany, Add	*54.84*	
		For Walnut Frame, Add	*29.03*	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	118.91	26.91
		For Oak Or Maple, Add	*20.15*	
		For Birch, Add	*22.75*	
		For Mahogany, Add	*55.26*	
		For Walnut Frame, Add	*29.25*	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	120.90	27.60
		For Oak Or Maple, Add	*20.35*	
		For Birch, Add	*22.98*	
		For Mahogany, Add	*55.80*	
		For Walnut Frame, Add	*29.54*	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	123.70	28.29
		For Oak Or Maple, Add	*20.78*	
		For Birch, Add	*23.46*	
		For Mahogany, Add	*56.98*	
		For Walnut Frame, Add	*30.17*	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	130.74	30.06
		For Oak Or Maple, Add	*21.88*	
		For Birch, Add	*24.70*	
		For Mahogany, Add	*59.99*	
		For Walnut Frame, Add	*31.76*	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	139.21	32.51
		For Oak Or Maple, Add	*22.98*	
		For Birch, Add	*25.95*	
		For Mahogany, Add	*63.02*	
		For Walnut Frame, Add	*33.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	146.74	34.58
		For Oak Or Maple, Add	*24.08*	
		For Birch, Add	*27.19*	
		For Mahogany, Add	*66.03*	
		For Walnut Frame, Add	*34.96*	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	5.88	2.36
		For Oak Or Maple, Add	*0.36*	
		For Birch, Add	*0.41*	
		For Mahogany, Add	*0.99*	
		For Walnut Frame, Add	*0.53*	

06 49 Wood Screens and Exterior Wood Shutters *(06 40)*

06 49 19 Exterior Wood Shutters *(06 49)*

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics *(06)*

06 51 Structural Plastic Shapes And Plates *(06 50)*

06 51 13 Plastic Lumber *(06 51)*

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	8.88	1.58
		For Reinforced Structural Plastic Lumber, Add	*2.45*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.60*	
		For White Color, Add	*2.81*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.38*	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	11.26	1.72
		For Reinforced Structural Plastic Lumber, Add	*3.26*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.79*	
		For White Color, Add	*3.74*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.17*	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	13.41	1.85
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.58*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.88*	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	19.47	2.20
		For Reinforced Structural Plastic Lumber, Add	*6.04*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.47*	
		For White Color, Add	*6.94*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.88*	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	23.28	2.47
		For Reinforced Structural Plastic Lumber, Add	*7.30*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.78*	
		For White Color, Add	*8.39*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.11*	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	12.77	2.13
		For Reinforced Structural Plastic Lumber, Add	*3.60*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.87*	
		For White Color, Add	*4.13*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.50*	
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber	17.04	2.27
		For Reinforced Structural Plastic Lumber, Add	*5.11*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.24*	
		For White Color, Add	*5.87*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.97*	
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber	17.73	2.34
		For Reinforced Structural Plastic Lumber, Add	*5.32*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.30*	
		For White Color, Add	*6.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.18*	
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber	24.30	2.54
		For Reinforced Structural Plastic Lumber, Add	*7.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.86*	
		For White Color, Add	*8.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.44*	
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber	32.94	2.68
		For Reinforced Structural Plastic Lumber, Add	*10.77*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.62*	
		For White Color, Add	*12.37*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.48*	

06 51 13 00-0012 Joists, Recycled Plastic Lumber *(06 51 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	5.74	0.88
		For Reinforced Structural Plastic Lumber, Add	*1.65*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.40*	
		For White Color, Add	*1.90*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.61*	
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	7.90	0.93
		For Reinforced Structural Plastic Lumber, Add	*2.45*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.60*	
		For White Color, Add	*2.81*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.38*	
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	10.27	1.03
		For Reinforced Structural Plastic Lumber, Add	*3.26*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.79*	
		For White Color, Add	*3.74*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.17*	
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	12.53	1.24
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.58*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.88*	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	18.39	1.45
		For Reinforced Structural Plastic Lumber, Add	*6.04*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.47*	
		For White Color, Add	*6.94*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.88*	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	22.39	1.85
		For Reinforced Structural Plastic Lumber, Add	*7.30*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.78*	
		For White Color, Add	*8.39*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.11*	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	11.58	1.31
		For Reinforced Structural Plastic Lumber, Add	*3.60*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.87*	
		For White Color, Add	*4.13*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.50*	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	15.77	1.38
		For Reinforced Structural Plastic Lumber, Add	*5.11*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.24*	
		For White Color, Add	*5.87*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.97*	
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	16.55	1.51
		For Reinforced Structural Plastic Lumber, Add	*5.32*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.30*	
		For White Color, Add	*6.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.18*	
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	23.11	1.72
		For Reinforced Structural Plastic Lumber, Add	*7.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.86*	
		For White Color, Add	*8.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.44*	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	31.75	1.85
		For Reinforced Structural Plastic Lumber, Add	*10.77*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.62*	
		For White Color, Add	*12.37*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.48*	

06 51 13 00-0024 Columns, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	13.75	2.82
		For Reinforced Structural Plastic Lumber, Add	*3.60*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.87*	
		For White Color, Add	*4.13*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.50*	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	19.49	3.99
		For Reinforced Structural Plastic Lumber, Add	*5.11*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.24*	
		For White Color, Add	*5.87*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.97*	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	20.78	4.47
		For Reinforced Structural Plastic Lumber, Add	*5.32*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.30*	
		For White Color, Add	*6.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	27.92	5.09
		For Reinforced Structural Plastic Lumber, Add	*7.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.86*	
		For White Color, Add	*8.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.44*	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	38.04	6.26
		For Reinforced Structural Plastic Lumber, Add	*10.77*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.62*	
		For White Color, Add	*12.37*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.48*	

06 51 13 00-0030 Walls, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	5.18	0.88
		For Reinforced Structural Plastic Lumber, Add	*1.44*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.35*	
		For White Color, Add	*1.66*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.40*	
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	5.94	1.03
		For Reinforced Structural Plastic Lumber, Add	*1.65*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.40*	
		For White Color, Add	*1.90*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.61*	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	8.19	1.10
		For Reinforced Structural Plastic Lumber, Add	*2.45*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.60*	
		For White Color, Add	*2.81*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.38*	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	10.46	1.17
		For Reinforced Structural Plastic Lumber, Add	*3.26*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.79*	
		For White Color, Add	*3.74*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.17*	

06 51 13 00-0035 Other Shapes, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	5.05	0.79
		For Reinforced Structural Plastic Lumber, Add	*1.42*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.35*	
		For White Color, Add	*1.63*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.38*	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	6.38	0.88
		For Reinforced Structural Plastic Lumber, Add	*1.89*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.46*	
		For White Color, Add	*2.17*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.84*	
06 51 13 00-0038	LF	5/4" x 8", Other Shapes, Recycled Plastic Lumber	8.28	0.88
		For Reinforced Structural Plastic Lumber, Add	*2.59*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.63*	
		For White Color, Add	*2.98*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.52*	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	5.08	0.79
		For Reinforced Structural Plastic Lumber, Add	*1.43*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.35*	
		For White Color, Add	*1.64*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.39*	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	5.60	0.88
		For Reinforced Structural Plastic Lumber, Add	*1.60*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.39*	
		For White Color, Add	*1.84*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.56*	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	5.70	0.88
		For Reinforced Structural Plastic Lumber, Add	*1.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.40*	
		For White Color, Add	*1.88*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.59*	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	3.54	0.76
		For Reinforced Structural Plastic Lumber, Add	*0.91*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.22*	
		For White Color, Add	*1.05*	
		For All Other Colors (Except Black, Brown Or White), Add	*0.89*	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	5.18	0.88
		For Reinforced Structural Plastic Lumber, Add	*1.44*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.35*	
		For White Color, Add	*1.66*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	5.94	1.03
		For Reinforced Structural Plastic Lumber, Add	*1.65*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.40*	
		For White Color, Add	*1.90*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.61*	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	8.19	1.10
		For Reinforced Structural Plastic Lumber, Add	*2.45*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.60*	
		For White Color, Add	*2.81*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.38*	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	10.46	1.17
		For Reinforced Structural Plastic Lumber, Add	*3.26*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.79*	
		For White Color, Add	*3.74*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.17*	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	12.53	1.24
		For Reinforced Structural Plastic Lumber, Add	*3.98*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.97*	
		For White Color, Add	*4.58*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.88*	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	15.10	1.31
		For Reinforced Structural Plastic Lumber, Add	*4.90*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.19*	
		For White Color, Add	*5.63*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.77*	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	8.44	1.21
		For Reinforced Structural Plastic Lumber, Add	*2.49*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.60*	
		For White Color, Add	*2.86*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.42*	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	12.25	1.29
		For Reinforced Structural Plastic Lumber, Add	*3.86*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.94*	
		For White Color, Add	*4.43*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.75*	
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	15.89	1.38
		For Reinforced Structural Plastic Lumber, Add	*5.16*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.25*	
		For White Color, Add	*5.92*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.02*	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	18.39	1.45
		For Reinforced Structural Plastic Lumber, Add	*6.04*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.47*	
		For White Color, Add	*6.94*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.88*	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	22.39	1.85
		For Reinforced Structural Plastic Lumber, Add	*7.30*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.78*	
		For White Color, Add	*8.39*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.11*	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	11.58	1.31
		For Reinforced Structural Plastic Lumber, Add	*3.60*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.87*	
		For White Color, Add	*4.13*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.50*	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	15.77	1.38
		For Reinforced Structural Plastic Lumber, Add	*5.11*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.24*	
		For White Color, Add	*5.87*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.97*	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	21.11	1.49
		For Reinforced Structural Plastic Lumber, Add	*7.02*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.71*	
		For White Color, Add	*8.07*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.83*	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	16.55	1.51
		For Reinforced Structural Plastic Lumber, Add	*5.32*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.30*	
		For White Color, Add	*6.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.18*	
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	23.11	1.72
		For Reinforced Structural Plastic Lumber, Add	*7.64*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.86*	
		For White Color, Add	*8.78*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	31.75	1.85
		For Reinforced Structural Plastic Lumber, Add	*10.77*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.62*	
		For White Color, Add	*12.37*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.48*	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	44.71	2.07
		For Reinforced Structural Plastic Lumber, Add	*15.45*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.76*	
		For White Color, Add	*17.75*	
		For All Other Colors (Except Black, Brown Or White), Add	*15.03*	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	39.80	1.99
		For Reinforced Structural Plastic Lumber, Add	*13.68*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.33*	
		For White Color, Add	*15.71*	
		For All Other Colors (Except Black, Brown Or White), Add	*13.31*	
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	67.66	2.07
		For Reinforced Structural Plastic Lumber, Add	*23.94*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*5.82*	
		For White Color, Add	*27.50*	
		For All Other Colors (Except Black, Brown Or White), Add	*23.30*	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	93.69	2.16
		For Reinforced Structural Plastic Lumber, Add	*33.53*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*8.16*	
		For White Color, Add	*38.51*	
		For All Other Colors (Except Black, Brown Or White), Add	*32.62*	
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	3.77	0.69
		For Reinforced Structural Plastic Lumber, Add	*1.03*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.25*	
		For White Color, Add	*1.19*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.00*	
06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	10.57	0.88
		For Reinforced Structural Plastic Lumber, Add	*3.44*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.84*	
		For White Color, Add	*3.95*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.34*	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	11.66	1.03
		For Reinforced Structural Plastic Lumber, Add	*3.77*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.92*	
		For White Color, Add	*4.33*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.67*	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	14.43	1.24
		For Reinforced Structural Plastic Lumber, Add	*4.69*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.14*	
		For White Color, Add	*5.38*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.56*	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	31.64	1.45
		For Reinforced Structural Plastic Lumber, Add	*10.94*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.66*	
		For White Color, Add	*12.57*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.65*	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	3.09	0.76
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	4.46	0.79
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	6.37	0.83
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	8.06	0.86

06 52 Plastic Structural Assemblies *(06 50)*

06 52 13 Plastic Columns *(06 52)*

06 52 13 00-0001 Round Fiberglass Columns *(06 52 13)*

06 52 13 00-0002	LF	6" Diameter, Round Fiberglass Column	18.57	5.81
06 52 13 00-0003	LF	8" Diameter, Round Fiberglass Column	26.09	8.45
06 52 13 00-0004	LF	10" Diameter, Round Fiberglass Column	30.58	9.51
06 52 13 00-0005	LF	12" Diameter, Round Fiberglass Column	39.22	9.94
06 52 13 00-0006	LF	15" Diameter, Round Fiberglass Column	48.29	11.49
06 52 13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	36.02	11.00
06 52 13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	40.14	11.89
06 52 13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	47.92	13.21
06 52 13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	69.50	14.08
06 52 13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	97.03	15.41

06 52 13 00-0012 Fluted Fiberglass Columns *(06 52 13)*

06 52 13 00-0013	LF	6" Diameter, Fluted Fiberglass Column	19.94	5.81
06 52 13 00-0014	LF	8" Diameter, Fluted Fiberglass Column	27.92	8.45
06 52 13 00-0015	LF	10" Diameter, Fluted Fiberglass Column	32.89	9.51
06 52 13 00-0016	LF	12" Diameter, Fluted Fiberglass Column	43.10	9.94
06 52 13 00-0017	LF	15" Diameter, Fluted Fiberglass Column	53.35	11.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 52 13 00-0018	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns	38.82	11.00
06 52 13 00-0019	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns	43.41	11.89
06 52 13 00-0020	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns	52.22	13.21
06 52 13 00-0021	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns	77.77	14.08
06 52 13 00-0022	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns	110.27	15.41

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns *(06 52 13)*

06 52 13 00-0024	EA	8" Roman Ionic Cap And Base For Fiberglass Columns	174.50	13.21
06 52 13 00-0025	EA	10" Roman Ionic Cap And Base For Fiberglass Columns	234.21	15.41
06 52 13 00-0026	EA	12" Roman Ionic Cap And Base For Fiberglass Columns	301.41	17.61
06 52 13 00-0027	EA	8" Scamozzi Cap And Base For Fiberglass Columns	209.18	13.21
06 52 13 00-0028	EA	10" Scamozzi Cap And Base For Fiberglass Columns	252.02	15.41
06 52 13 00-0029	EA	12" Scamozzi Cap And Base For Fiberglass Columns	370.77	17.61
06 52 13 00-0030	EA	8" Corinthian Cap And Base For Fiberglass Columns	265.42	13.21
06 52 13 00-0031	EA	10" Corinthian Cap And Base For Fiberglass Columns	322.32	15.41
06 52 13 00-0032	EA	12" Corinthian Cap And Base For Fiberglass Columns	428.89	17.61
06 52 13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	177.32	13.21
06 52 13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	239.84	15.41
06 52 13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	307.04	17.61
06 52 13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns	177.32	13.21
06 52 13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns	213.59	15.41
06 52 13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns	283.60	17.61

06 53 Plastic Decking *(06 50)*

06 53 16 Plastic Stair Treads *(06 53)*

06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads *(06 53 16)*

Note: Includes standard colors and anchors. Excludes stringers.

06 53 16 00-0002	SF	12" Depth, 1/2" Thick, 1-1/2" Lip, Fiberglass Reinforced Plastic Stair Tread	48.43	5.36

06 60 Plastic Fabrications *(06)*

06 65 Plastic Trim *(06 60)*

06 65 00 00-0001 Plastic Moldings *(06 65)*

Note: All dimensions are nominal.

06 65 00 00-0002 Base, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0003	LF	3-1/2" High, Base, Plastic Molding	5.45	1.95
06 65 00 00-0004	LF	4-1/2" High, Base, Plastic Molding	6.65	2.43
06 65 00 00-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	5.12	2.05

06 65 00 00-0006 Cornice, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0007	LF	1" x 2" Cornice, Plastic Molding	5.06	1.95
06 65 00 00-0008	LF	1" x 4" Cornice, Plastic Molding	6.15	2.05
06 65 00 00-0009	LF	1" x 6" Cornice, Plastic Molding	8.22	2.14
06 65 00 00-0010	LF	1" x 8" Cornice, Plastic Molding	9.37	2.24
06 65 00 00-0011	LF	1" x 10" Cornice, Plastic Molding	10.71	2.34
06 65 00 00-0012	LF	1" x 12" Cornice, Plastic Molding	13.51	2.43

06 65 00 00-0013 Crown Or Bed, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	8.54	1.95
06 65 00 00-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	11.37	2.43
06 65 00 00-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	11.81	2.43
06 65 00 00-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	12.26	2.43
06 65 00 00-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	15.91	2.93
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	18.68	2.93

06 65 00 00-0020 Dentil, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	7.36	1.95
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	8.20	1.95
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	10.11	1.95
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	13.39	1.95

06 65 00 00-0025 Cove, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	2.90	1.08
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	3.12	1.08
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	4.07	1.27
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	4.07	1.27
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	5.06	1.27
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	6.59	1.46
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	8.68	1.46

06 65 00 00-0033 Chair Rail, Plastic Moldings *(06 65 00 00-0001)*

06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	4.79	1.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	6.44	1.95
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	7.72	1.95
06 65 00 00-0037		**Door, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	4.26	1.76
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	4.30	1.76
06 65 00 00-0040		**Trim, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding	4.54	2.05
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding	5.01	2.05
06 65 00 00-0043	LF	1-1/4" x 2" Brick Mould, Plastic Molding	5.20	1.95
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	5.82	1.95
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	4.61	1.95
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding	6.26	1.95
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	4.95	1.95
06 65 00 00-0048		**Extruded Polyvinyl Chloride (PVC) Trimboard** *(06 65)*		
		Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	2.80	0.78
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	3.88	0.87
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	5.02	0.97
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	5.96	1.00
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	6.99	1.03
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	3.34	0.78
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	4.72	0.87
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	5.95	0.97
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	7.24	1.00
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	8.43	1.03
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	6.94	1.00
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	9.07	1.03
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	4.93	0.87
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	6.99	0.97

06 70 Structural Composites *(06)*

06 74 Composite Gratings *(06 70)*

06 74 13 Fiberglass Reinforced Gratings *(06 74)*

06 74 13 00-0001 Molded Fiberglass Gratings And Coverings *(06 74 13)*

06 74 13 00-0002 Vi-Corr Resin System *(06 74 13 00-0001)*

Note: Orange or dark gray.

06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	32.78	1.63
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	31.85	1.63
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	41.47	1.63
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	44.96	2.08
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	34.38	1.63
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	33.42	1.63
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	43.79	1.63
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	47.15	2.08
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	31.01	1.31
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	50.11	1.44
06 74 13 00-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering	68.60	1.58
06 74 13 00-0014		**IFR Fire Retardant Isophthalic Resin** *(06 74 13 00-0001)*		
06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	30.17	1.63
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	28.28	1.63
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	36.30	1.63
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	39.23	2.08
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	31.49	1.63
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	29.03	1.63
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	39.51	2.08
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	41.39	2.08
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	27.36	1.31
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	38.66	1.44
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	53.05	1.58
06 74 13 00-0026		**Corvex Polyester Resin** *(06 74 13 00-0001)*		
		Note: Dark gray.		
06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	25.65	1.63
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	24.64	1.63
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	29.81	1.63
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	34.30	2.08
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	27.31	1.63
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	26.30	1.63
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	31.74	1.63
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	35.96	2.08
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	24.19	1.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	38.50	1.44
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	53.32	1.58
06 74 13 00-0038		XFR Extra Fire Retardant *(06 74 13 00-0001)*		
06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	37.59	1.63
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	36.51	1.63
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	49.87	1.63
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	53.34	2.08
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	39.22	1.63
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	38.16	1.63
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	51.80	1.63
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	55.68	2.08
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	35.49	1.31
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	57.28	1.44
06 74 13 00-0049		ELS Extremely Low Smoke Resin *(06 74 13 00-0001)*		
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	38.55	1.63
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	37.39	1.63
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	48.54	1.63
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	52.08	2.08
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	40.06	1.63
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	39.10	1.63
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	50.40	1.63
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	53.96	2.08
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	39.64	1.31
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering	71.31	1.44
06 74 13 00-0060		Pultruded Fiberglass Grating *(06 74 13)*		
06 74 13 00-0061		ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0060)*		
		Note: For moderately corrosive environments, green.		
06 74 13 00-0062		1" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*		
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	27.49	2.08
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	24.43	1.63
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	31.05	2.08
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	28.74	1.63
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	21.51	2.08
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	19.08	1.63
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	24.60	2.08
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	22.23	1.63
06 74 13 00-0071		1-1/2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*		
06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	31.02	2.08
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	28.04	1.63
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	34.83	2.08
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	32.69	1.63
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	27.30	2.08
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	24.93	1.63
06 74 13 00-0078		2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*		
06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	27.03	2.08
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	29.87	2.08
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	36.04	2.08
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	34.03	2.08
06 74 13 00-0083		VERF Vinyl Ester Resin System *(06 74 13 00-0060)*		
06 74 13 00-0084		1" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	29.10	1.63
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	26.04	1.63
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	32.69	1.63
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	37.50	1.63
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	22.39	1.63
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	20.03	1.63
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	25.67	1.63
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	23.57	1.63
06 74 13 00-0093		1-1/2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		
06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	31.92	1.63
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	28.90	1.63
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	36.46	1.63
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	34.06	1.63
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	28.71	1.63
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	26.47	1.63
06 74 13 00-0100		2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	28.38	2.08
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	26.19	2.08
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	37.94	2.08
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	36.85	2.08

06 80 Composite Fabrications *(06)*

06 82 Composite Trim *(06 80)*

06 82 00 00-0001 Fiberglass Castings *(06 82)*

06 82 00 00-0002 Fiberglass Angle, Equal Legs *(06 82 00 00-0001)*

06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	7.61	2.72
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	7.94	2.72
06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	13.80	3.26
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	15.17	3.26
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	15.25	3.26
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	16.24	3.26
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	17.57	3.26
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	19.68	3.26
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	46.30	4.07
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	53.12	4.07

06 82 00 00-0013 Fiberglass Channels *(06 82 00 00-0001)*

06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	8.81	4.07
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	9.14	4.07
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	17.69	4.62
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	17.69	4.62
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	27.27	4.62
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	31.57	4.62
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	25.66	4.62
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	31.09	4.62
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	39.12	6.35
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	44.67	6.35

06 82 00 00-0024 Fiberglass Wide Flange Beams *(06 82 00 00-0001)*

06 82 00 00-0025	LF	4" x 4" x 1/4"Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	24.28	5.44
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	26.43	5.44
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	30.97	6.53
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	32.00	6.53
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	49.42	8.16
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	61.54	8.16
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	107.86	9.97
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	121.11	9.97

06 82 00 00-0033 Fiberglass Flat Sheet *(06 82 00 00-0001)*

Note: Not to be used for bathroom board.

06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	20.11	4.62
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	20.96	4.62
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	31.16	5.44
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	35.66	5.44
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	42.09	6.53
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	48.85	6.53
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	56.62	8.16
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	66.96	8.16

06 82 00 00-0042 Fiberglass Bars *(06 82 00 00-0001)*

06 82 00 00-0043 Square Bars *(06 82 00 00-0042)*

06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	12.08	3.26
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	17.09	4.80
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	19.99	6.35

06 82 00 00-0047 Round Bars *(06 82 00 00-0042)*

06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	7.91	2.72
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	16.55	4.07
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin	18.60	4.07
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	24.35	4.07
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	29.04	4.62

06 82 00 00-0053 Fiberglass Tubes *(06 82 00 00-0001)*

06 82 00 00-0054 Square Tube *(06 82 00 00-0053)*

06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	8.84	2.72
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	9.50	2.72
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	12.89	3.26
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	14.06	3.26
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	24.10	4.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	26.80	4.07
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	28.37	4.89
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	35.90	4.89
06 82 00 00-0063		Round Tube *(06 82 00 00-0053)*		
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	8.49	2.72
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	8.79	2.72
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	15.49	3.26
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	16.48	3.26
06 82 00 00-0068		Fiberglass Threaded Rods *(06 82 00 00-0001)*		
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	11.08	2.08
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	11.77	2.08
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	13.51	2.35
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	14.84	2.35
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	16.34	2.35
06 82 00 00-0074		Grating Support Legs, VEFR Resin *(06 82 00 00-0001)*		
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	20.95	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	8.98	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	33.75	
06 82 00 00-0078		Fiberglass Netting *(06 82 00 00-0001)*		
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.60	0.28
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.60	0.28
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.60	0.28
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.60	0.28
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.60	0.28
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.59	0.28
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.59	0.28
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.59	0.28
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.59	0.28
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.59	0.28
06 82 00 00-0089		Fiberglass Stair Treads *(06 82)*		
06 82 00 00-0090		Fiberglass Stair Treads *(06 82 00 00-0089)*		
06 82 00 00-0091		10-1/2" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	76.20	14.23
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	88.17	14.23
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	100.14	14.23
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	112.11	14.23
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	83.38	14.23
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	97.14	14.23
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	110.91	14.23
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	124.68	14.23
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	94.39	14.23
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	110.91	14.23
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	127.43	14.23
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	143.95	14.23
06 82 00 00-0104		12" Deep Isophthalic Resin System *(06 82 00 00-0090)*		
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	83.04	14.23
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	96.72	14.23
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	110.40	14.23
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	124.08	14.23
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	91.25	14.23
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	106.98	14.23
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	122.71	14.23
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	138.44	14.23
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	103.83	14.23
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	122.71	14.23
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	141.59	14.23
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	160.47	14.23
06 82 00 00-0117		Other Fiberglass *(06 82)*		
06 82 00 00-0118		Fiberglass Splash Blocks *(06 82 00 00-0117)*		
06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block	12.13	2.83

06 83 Composite Paneling *(06 80)*

06 83 16 Fiberglass Reinforced Paneling *(06 83)*

06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels *(06 83 16)*

Note: Includes adhesive and trim.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 83 16 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling Including Adhesive And Trim	4.03	1.42

END OF SECTION 06

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 Thermal And Moisture Protection

07 01 Operation And Maintenance Of Thermal And Moisture Protection *(07)*

07 01 50 Maintenance Of Membrane Roofing *(07 01)*

07 01 50 19 Preparation For Re-Roofing *(07 01 50)*

07 01 50 19-0001 Preparation For Re-Roofing *(07 01 50 19)*

07 01 50 19-0002	SQ	Remove Pea Gravel Ballast From Roof, Vacuum And Disposal	20.78	
07 01 50 19-0003	SQ	Remove Gravel Ballast From Roof, Vacuum And Disposal	36.68	

07 01 50 81 Roof Replacement *(07 01 50)*

07 01 50 81-0001 Roof Repair *(07 01 50 81)*

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	SF	Roof Repair, Built-Up Roofing, Up To 10 SF	20.35	
07 01 50 81-0003	SF	Roof Repair, Built-Up Roofing, >10 To 25 SF	18.30	
07 01 50 81-0004	SF	Roof Repair, Built-Up Roofing, >25 To 50 SF	16.70	
07 01 50 81-0005	SF	Roof Repair, Built-Up Roofing, >50 To 100 SF	15.53	
07 01 50 81-0006	SF	Roof Repair, Membrane Roofing, Up To 10 SF	23.20	
07 01 50 81-0007	SF	Roof Repair, Membrane Roofing, >10 To 25 SF	21.16	
07 01 50 81-0008	SF	Roof Repair, Membrane Roofing, >25 To 50 SF	19.55	
07 01 50 81-0009	SF	Roof Repair, Membrane Roofing, >50 To 100 SF	18.38	
07 01 50 81-0010	SF	Roof Repair, Shingle Roofing, Up To 10 SF	17.50	
07 01 50 81-0011	SF	Roof Repair, Shingle Roofing, >10 To 25 SF	15.74	
07 01 50 81-0012	SF	Roof Repair, Shingle Roofing, >25 To 50 SF	14.43	
07 01 50 81-0013	SF	Roof Repair, Shingle Roofing, >50 To 100 SF	13.54	
07 01 50 81-0014	LF	Heat Weld Roofing Seams For Repair	5.99	

07 01 50 81-0015 Emergency Roof Patch *(07 01 50 81)*

Note: 4 Hour response time.

07 01 50 81-0016	EA	Granule Emergency Roof Patch Cover 16 SF	84.40	
07 01 50 81-0017	EA	Mobilize For Emergency Roof Patching	364.52	

07 01 50 81-0018 Adhesives *(07 01 50 81)*

Note: For repair of seams.

07 01 50 81-0019 Mastic Sealer *(07 01 50 81-0018)*

07 01 50 81-0020 Applied At Joints Only *(07 01 50 81-0019)*

07 01 50 81-0021	LF	Mastic Sealer, 1/4" Bead At Joint	3.63	1.56

07 01 50 91 Roofing Restoration *(07 01 50)*

07 01 50 91-0001 Pressure Wash Membrane Roofing *(07 01 50 91)*

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.13
		For Up To 100, Add	*0.10*
		For >100 To 250, Add	*0.05*
		For >250 To 500, Add	*0.02*
		For >5,000 To 10,000, Deduct	*-0.01*
		For >10,000 To 15,000, Deduct	*-0.01*
		For >15,000 To 30,000, Deduct	*-0.02*
		For >30,000, Deduct	*-0.03*

07 05 Common Work Results For Thermal And Moisture Protection *(07)*

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05)*

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05 13)*

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,097.05
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	820.81
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	548.53
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	273.61

07 10 Dampproofing And Waterproofing *(07)*

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost. Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing *(07 10)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 11 13		**Bituminous Dampproofing** *(07 11)*		
07 11 13 00-0001		Fibrous Asphalt Dampproofing, Brush, Roller Or Spray *(07 11 13)*		
07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	127.35	
07 11 13 00-0003	CSF	2 Coats, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	200.37	
07 11 13 00-0004		Fibrous Asphalt Dampproofing, Troweled On *(07 11 13)*		
07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On	215.36	
07 11 13 00-0006	CSF	Primer And 2 Coats, Fibrous Asphalt Dampproofing, Troweled On	328.48	
07 11 13 00-0007		Asphaltic Paint Dampproofing *(07 11 13)*		
07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On	103.97	
07 11 13 00-0009	CSF	2 Coats, Asphaltic Paint Dampproofing, Brushed On	191.49	
07 11 19		**Sheet Dampproofing** *(07 11)*		
07 11 19 00-0001		Neoprene *(07 11 19)*		
07 11 19 00-0002	SF	1/16" Patch Neoprene Roof (5-20 SF)	29.65	
07 13		Sheet Waterproofing *(07 10)*		
07 13 13		**Bituminous Sheet Waterproofing** *(07 13)*		
07 13 13 00-0001		15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped *(07 13 13)*		
07 13 13 00-0002	CSF	1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	223.66	88.84
		For 30 LB Felt, Add	*34.49*	
		For Application To Horizontal Surfaces, Deduct	*-26.65*	
07 13 13 00-0003	CSF	2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	272.26	99.95
		For 30 LB Felt, Add	*54.27*	
		For Application To Horizontal Surfaces, Deduct	*-29.99*	
07 13 13 00-0004	CSF	3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	320.83	111.06
		For 30 LB Felt, Add	*74.05*	
		For Application To Horizontal Surfaces, Deduct	*-33.32*	
07 13 13 00-0005	CSF	4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	369.42	122.16
		For 30 LB Felt, Add	*93.83*	
		For Application To Horizontal Surfaces, Deduct	*-36.65*	
07 13 13 00-0006	CSF	5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	418.01	133.26
		For 30 LB Felt, Add	*113.61*	
		For Application To Horizontal Surfaces, Deduct	*-39.98*	
07 13 13 00-0007		Asphalt Coated Protective Board *(07 13 13)*		
07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board	221.92	87.90
		For Application To Horizontal Surfaces, Deduct	*-29.31*	
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board	303.03	91.27
		For Application To Horizontal Surfaces, Deduct	*-30.43*	
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board	400.83	95.11
		For Application To Horizontal Surfaces, Deduct	*-31.69*	
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board	450.07	98.94
		For Application To Horizontal Surfaces, Deduct	*-32.99*	
07 13 53		**Elastomeric Sheet Waterproofing** *(07 13)*		
07 13 53 00-0001		Rubberized Membrane Sheet *(07 13 53)*		
07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	6.36	0.91
		For Floor Surfaces, Deduct	*-0.91*	
07 13 53 00-0003		Ethylene Propylene Diene Monomer (EPDM) *(07 13 53)*		
07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	439.59	127.78
		For Application To Horizontal Surfaces, Deduct	*-38.33*	
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	524.55	127.78
		For Application To Horizontal Surfaces, Deduct	*-38.33*	
07 13 53 00-0006		Butyl Sheet Waterproofing *(07 13 53)*		
07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing	93.63	31.94
		For Joint Taping, Add	*12.04*	
		For Each Additional Ply, Add	*68.74*	
		For Application To Horizontal Surfaces, Deduct	*-4.80*	
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing	113.24	31.94
		For Joint Taping, Add	*13.02*	
		For Each Additional Ply, Add	*82.47*	
		For Application To Horizontal Surfaces, Deduct	*-4.80*	
07 13 53 00-0009		Butyl With Nylon *(07 13 53)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon	104.84	31.94
		For Joint Taping, Add	*12.60*	
		For Each Additional Ply, Add	*76.59*	
		For Application To Horizontal Surfaces, Deduct	*-4.80*	
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon	117.45	31.94
		For Joint Taping, Add	*13.23*	
		For Each Additional Ply, Add	*85.42*	
		For Application To Horizontal Surfaces, Deduct	*-4.80*	

07 13 53 00-0012 Neoprene Sheet Waterproofing *(07 13 53)*

07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing	169.34	31.94
		For Joint Taping, Add	*15.83*	
		For Each Additional Ply, Add	*121.74*	
		For Application To Horizontal Surfaces, Deduct	*-4.80*	
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing	252.80	31.94
		For Joint Taping, Add	*20.00*	
		For Each Additional Ply, Add	*180.16*	
		For Application To Horizontal Surfaces, Deduct	*-4.80*	

07 13 53 00-0015 Neoprene With Nylon *(07 13 53)*

07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon	178.04	31.94
		For Joint Taping, Add	*16.26*	
		For Each Additional Ply, Add	*127.83*	
		For Application To Horizontal Surfaces, Deduct	*-4.80*	
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon	266.71	31.94
		For Joint Taping, Add	*20.70*	
		For Each Additional Ply, Add	*189.90*	
		For Application To Horizontal Surfaces, Deduct	*-4.80*	

07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) *(07 13 53)*

07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier	30.49	11.89
		For Joint Taping, Add	*7.58*	
		For Each Additional Ply, Add	*23.98*	
		For Application To Horizontal Surfaces, Deduct	*-3.95*	
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier	31.08	11.89
		For Joint Taping, Add	*7.61*	
		For Each Additional Ply, Add	*24.39*	
		For Application To Horizontal Surfaces, Deduct	*-3.95*	
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier	46.35	11.89
		For Joint Taping, Add	*8.37*	
		For Each Additional Ply, Add	*35.08*	
		For Application To Horizontal Surfaces, Deduct	*-3.95*	
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite	145.85	11.89
		Note: Includes seam tape, liquid mastic, anchors and termination bar.		
		For Each Additional Ply, Add	*105.02*	
		For Application To Horizontal Surfaces, Deduct	*-4.39*	

07 13 53 00-0023 Plastic Vapor Barrier (PVC) *(07 13 53)*

07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	50.98	13.16
		For Joint Taping, Add	*8.60*	
		For Each Additional Ply, Add	*38.32*	
		For Application To Horizontal Surfaces, Deduct	*-3.95*	
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	69.90	13.65
		For Joint Taping, Add	*9.78*	
		For Each Additional Ply, Add	*51.66*	
		For Application To Horizontal Surfaces, Deduct	*-4.10*	
07 13 53 00-0026	CSF	30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	95.51	14.13
		For Joint Taping, Add	*11.28*	
		For Each Additional Ply, Add	*69.68*	
		For Application To Horizontal Surfaces, Deduct	*-4.24*	

07 13 53 00-0027 Vinyl Plastic Vapor Barrier *(07 13 53)*

07 13 53 00-0028	CSF	4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	35.43	12.18

07 14 Fluid-Applied Waterproofing *(07 10)*

07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing *(07 14)*

07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating *(07 14 13)*

07 14 13 00-0002	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	1.72	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	*-0.17*	
		For Reinforcing Fabric, Add	*0.36*	
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	1.98	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	*-0.18*	
		For Reinforcing Fabric, Add	*0.36*	

07 14 16 Cold Fluid-Applied Waterproofing *(07 14)*

07 14 16 00-0001 Fluid Applied Rubber Based Polyurethane *(07 14 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 14 16 00-0002	SF	60 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	3.33	
		For Application To Horizontal Surfaces, Deduct	*-0.39*	
07 14 16 00-0003	SF	90 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	3.83	
		For Application To Horizontal Surfaces, Deduct	*-0.41*	
07 14 16 00-0004	SF	120 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats	4.38	
		For Application To Horizontal Surfaces, Deduct	*-0.43*	

07 14 16 00-0005 One Part Solution Of Chlorosulfonated Polyethylene Polymer *(07 14 16)*

07 14 16 00-0006	SF	15 Mil Finish Coat, Chlorosulfonated Polyethylene (CSM) Polymer, 1 Part Solution	2.25	

07 14 16 00-0007 Copolymer Compound *(07 14 16)*

07 14 16 00-0008	SF	Fluid Elastomeric Copolymer Compound For Slabs 32 Mil	3.54	

07 14 16 00-0009 Fluid Applied Neoprene *(07 14 16)*

07 14 16 00-0010	CSF	Fluid Neoprene, 1/8" Fiberglass Reinforced	407.70	
		For Application To Horizontal Surfaces, Deduct	*-46.55*	
07 14 16 00-0011	CSF	Fluid Neoprene, 50 Mil, 4 Coats	852.99	
		For Application To Horizontal Surfaces, Deduct	*-91.32*	
07 14 16 00-0012	CSF	Fluid Neoprene, 90 Mil, 4 Coats	1,401.12	
		For Application To Horizontal Surfaces, Deduct	*-136.91*	

07 14 16 00-0013 Concrete Surface Waterproofing Treatments *(07 14 16)*

07 14 16 00-0014	SF	Concrete Waterproofing System (XYPEX) Note: Includes a single coat of each XYPEX Concentrate and XYPEX Modified	4.63	

07 16 Cementitious And Reactive Waterproofing *(07 10)*

07 16 13 Polymer Modified Cement Waterproofing *(07 16)*

07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.	3.72	

07 16 16 Crystalline Waterproofing *(07 16)*

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate)	4.43	

07 16 19 Metal Oxide Waterproofing *(07 16)*

07 16 19 00-0001 Metallic Oxide Waterproofing *(07 16 19)*

Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.

07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller)	388.40	
		For Application To Horizontal Surfaces, Deduct	*-51.13*	

07 17 Bentonite Waterproofing *(07 10)*

07 17 13 Bentonite Panel Waterproofing *(07 17)*

07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels	387.13	104.87
		For Application To Horizontal Surfaces, Deduct	*-31.47*	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels	350.97	110.81
		For Application To Horizontal Surfaces, Deduct	*-34.06*	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels	490.02	115.56
		For Application To Horizontal Surfaces, Deduct	*-34.66*	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled	394.79	96.11
		For Application To Horizontal Surfaces, Deduct	*-28.82*	

07 19 Water Repellents *(07 10)*

07 19 13 Acrylic Sealer *(07 19)*

Note: Per coat.

07 19 13 00-0001	SF	Acrylic Sealer, Spray On Concrete	1.96	
07 19 13 00-0002	SF	Acrylic Sealer, Spray On Concrete Block/Brick	2.34	
07 19 13 00-0003	SF	Acrylic Sealer, Spray On Stone	2.57	

07 19 16 Silane Water Repellents *(07 19)*

07 19 16 00-0001 Silane Concrete Sealer *(07 19 16)*

07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.46	
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.69	

07 19 16 00-0004 Silane/Siloxane Concrete Sealer *(07 19 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 19 16 00-0005	SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	0.79	
07 19 16 00-0006	SF	Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) Note: 40% silane, alcohol based.	1.15	
07 19 16 00-0007	SF	Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) Note: 200 SF/GAL	0.33	
07 19 16 00-0008	SF	Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.48	

07 20 Thermal Protection *(07)*

07 21 Thermal Insulation *(07 20)*

07 21 13 Board Insulation *(07 21)*

Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation *(07 21 13)*

07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0003	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	2.66	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0004	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	3.69	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0005	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	4.37	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0006	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	5.75	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0008	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.21	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0009	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.27	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0010	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.44	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0011	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.61	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0012	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.27	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0013	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.94	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0014	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	3.61	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0015	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	4.27	0.37
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0016	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	4.94	0.38
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

Note: 15 PSI compressive strength.

07 21 13 13-0018	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	1.36	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.13*	
		For 40 PSI Compressive Strength, Add	*0.31*	
		For 60 PSI Compressive Strength, Add	*0.50*	
		For 115 PSI Compressive Strength, Add	*2.14*	
07 21 13 13-0019	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	1.58	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For 40 PSI Compressive Strength, Add	*0.39*	
		For 60 PSI Compressive Strength, Add	*0.62*	
		For 115 PSI Compressive Strength, Add	*2.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0020	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	1.75	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.19*	
		For 40 PSI Compressive Strength, Add	*0.46*	
		For 60 PSI Compressive Strength, Add	*0.72*	
		For 115 PSI Compressive Strength, Add	*3.14*	
07 21 13 13-0021	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	1.85	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.21*	
		For 40 PSI Compressive Strength, Add	*0.49*	
		For 60 PSI Compressive Strength, Add	*0.78*	
		For 115 PSI Compressive Strength, Add	*3.37*	
07 21 13 13-0022	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.75	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.83*	
		For 60 PSI Compressive Strength, Add	*1.29*	
		For 115 PSI Compressive Strength, Add	*5.66*	
07 21 13 13-0023	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	3.66	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.49*	
		For 40 PSI Compressive Strength, Add	*1.17*	
		For 60 PSI Compressive Strength, Add	*1.81*	
		For 115 PSI Compressive Strength, Add	*7.95*	
07 21 13 13-0024	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	4.12	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.56*	
		For 40 PSI Compressive Strength, Add	*1.34*	
		For 60 PSI Compressive Strength, Add	*2.07*	
		For 115 PSI Compressive Strength, Add	*9.11*	

07 21 13 13-0025 Mechanically Fastened Foam Board Insulation *(07 21 13 13)*

Note: Mechanically fastened to wood or steel.

07 21 13 13-0026 Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0025)*

Note: Mechanically fastened to wood or steel.

07 21 13 13-0027	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	2.48	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 13-0028	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	3.54	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 13-0029	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	4.22	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 21 13 13-0030	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	5.63	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	

07 21 13 13-0031 Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0032	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Mechanically Fastened	1.02	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 13-0033	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Mechanically Fastened	1.08	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 13-0034	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Mechanically Fastened	1.25	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 13-0035	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Mechanically Fastened	1.42	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 13-0036	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Mechanically Fastened	2.12	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 21 13 13-0037	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Mechanically Fastened	2.83	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 21 13 13-0038	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Mechanically Fastened	3.56	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.76*	
07 21 13 13-0039	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Mechanically Fastened	4.30	0.37
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Gypsum, Add	*1.65*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*5.65*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0040	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Mechanically Fastened	5.25	0.38
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.06*	

07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 21 13 13-0042	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.17	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.10*	
		For 40 PSI Compressive Strength, Add	*0.24*	
		For 60 PSI Compressive Strength, Add	*0.39*	
		For 115 PSI Compressive Strength, Add	*1.65*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 13-0043	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.39	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.13*	
		For 40 PSI Compressive Strength, Add	*0.32*	
		For 60 PSI Compressive Strength, Add	*0.51*	
		For 115 PSI Compressive Strength, Add	*2.21*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 13-0044	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.56	0.33
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For 40 PSI Compressive Strength, Add	*0.38*	
		For 60 PSI Compressive Strength, Add	*0.61*	
		For 115 PSI Compressive Strength, Add	*2.65*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 13-0045	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	1.66	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.18*	
		For 40 PSI Compressive Strength, Add	*0.42*	
		For 60 PSI Compressive Strength, Add	*0.67*	
		For 115 PSI Compressive Strength, Add	*2.88*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.60	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.77*	
		For 60 PSI Compressive Strength, Add	*1.21*	
		For 115 PSI Compressive Strength, Add	*5.27*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	3.55	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.47*	
		For 40 PSI Compressive Strength, Add	*1.12*	
		For 60 PSI Compressive Strength, Add	*1.75*	
		For 115 PSI Compressive Strength, Add	*7.67*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	4.07	0.36
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.56*	
		For 40 PSI Compressive Strength, Add	*1.32*	
		For 60 PSI Compressive Strength, Add	*2.04*	
		For 115 PSI Compressive Strength, Add	*8.98*	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.76*	

07 21 13 16 Fibrous Board Insulation *(07 21 13)*

07 21 13 16-0001 Cold Adhesive Applied Fibrous Board Insulation *(07 21 13 16)*

07 21 13 16-0002 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0003	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	1.77	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	2.57	0.50
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	3.38	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0006 Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0007	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	3.06	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	3.41	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	4.18	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	4.80	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	5.42	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0012 Mechanically Fastened Fibrous Board Insulation *(07 21 13 16)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0013 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0014	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	1.58	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 16-0015	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	2.42	0.50
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 21 13 16-0016	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	3.27	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	

07 21 13 16-0017 Mechanically Fastened, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0018	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	2.87	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 16-0019	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	3.26	0.34
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 16-0020	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	4.03	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 21 13 16-0021	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	4.68	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0022	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	5.30	0.35
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	

07 21 13 19 Mineral Board Insulation *(07 21 13)*

07 21 13 19-0001 Cold Adhesive Applied Mineral Board Insulation *(07 21 13 19)*

07 21 13 19-0002 Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation
(07 21 13 19-0001)

07 21 13 19-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.35	0.38
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.59	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.85	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.29	0.46
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0007	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.74	0.50
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0008	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.62	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 19-0009 Mechanically Fastened Mineral Board Insulation *(07 21 13 19)*
Note: Mechanically fastened to wood or steel.

07 21 13 19-0010 Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation
(07 21 13 19-0009)
Note: Mechanically fastened to wood or steel.

07 21 13 19-0011	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.16	0.38
		For Horizontal Surface Application, Deduct	*-0.06*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 19-0012	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.40	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 19-0013	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.66	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.48*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.23*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0014	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.14	0.46
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 21 13 19-0015	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.58	0.50
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.24*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 21 13 19-0016	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	3.51	0.59
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	

07 21 16 Blanket Insulation *(07 21)*

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation *(07 21 16)*

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	1.24	0.38
		For >1,600, Deduct	*-0.11*	
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.34	0.38
		For >1,600, Deduct	*-0.13*	
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	1.38	0.38
		For >1,600, Deduct	*-0.13*	
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	1.81	0.38
		For >1,600, Deduct	*-0.20*	
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	1.49	0.38
		For >1,600, Deduct	*-0.15*	
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.31	0.48
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation	2.46	0.48
		For >1,600, Deduct	*-0.26*	

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation	1.18	0.38
		For >1,600, Deduct	*-0.10*	
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation	1.29	0.38
		For >1,600, Deduct	*-0.12*	
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation	1.72	0.38
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation	1.74	0.38
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation	1.44	0.38
		For >1,600, Deduct	*-0.14*	
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	2.18	0.48
		For >1,600, Deduct	*-0.22*	
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation	2.38	0.48
		For >1,600, Deduct	*-0.25*	

07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.42	0.38
		For >1,600, Deduct	*-0.14*	
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	1.59	0.38
		For >1,600, Deduct	*-0.16*	
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	1.72	0.38
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.58	0.48
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.78	0.48
		For >1,600, Deduct	*-0.31*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0024		Poly-Encapsulated, Fiberglass Flexible Insulation *(07 21 16 00-0001)*		
07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.28	0.38
		For >1,600, Deduct	*-0.12*	
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.38	0.38
		For >1,600, Deduct	*-0.13*	
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	1.87	0.38
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	1.51	0.38
		For >1,600, Deduct	*-0.15*	
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	2.31	0.48
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	2.38	0.48
		For >1,600, Deduct	*-0.25*	
07 21 16 00-0031		Mineral Wool Flexible Insulation *(07 21 16)*		
07 21 16 00-0032		Kraft Faced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*		
07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation	1.39	0.38
		For >1,600, Deduct	*-0.13*	
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation	1.84	0.38
		For >1,600, Deduct	*-0.20*	
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation	2.95	0.38
		For >1,600, Deduct	*-0.35*	
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation	3.36	0.38
		For >1,600, Deduct	*-0.41*	
07 21 16 00-0037		Unfaced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*		
07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation	1.30	0.38
		For >1,600, Deduct	*-0.12*	
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation	1.69	0.38
		For >1,600, Deduct	*-0.17*	
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation	2.65	0.38
		For >1,600, Deduct	*-0.30*	
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation	3.00	0.38
		For >1,600, Deduct	*-0.35*	
07 21 16 00-0042		Natural Cotton Insulation *(07 21 16)*		
07 21 16 00-0043		UltraTouch™ Natural Cotton Insulation *(07 21 16 00-0042)*		
		Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF	3-1/2", R-13 UltraTouch™ Natural Cotton Insulation	1.91	0.38
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch™ Natural Cotton Insulation	2.16	0.38
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch™ Natural Cotton Insulation	2.41	0.38
		For >1,600, Deduct	*-0.28*	
07 21 16 00-0047	SF	8", R-30 UltraTouch™ Natural Cotton Insulation	3.28	0.38
		For >1,600, Deduct	*-0.40*	
07 21 19		**Foamed-In-Place Insulation** *(07 21)*		
07 21 19 00-0001		Polyurethane Foam Insulation, Sprayed On *(07 21 19)*		
07 21 19 00-0002	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.06	
07 21 19 00-0003	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.76	
07 21 19 00-0004	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.48	
07 21 19 00-0005	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.18	
07 21 19 00-0006	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.89	
07 21 19 00-0007	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.59	
07 21 19 00-0008	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.03	
07 21 19 00-0009	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	3.18	
07 21 19 00-0010	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.32	
07 21 19 00-0011	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.48	
07 21 19 00-0012	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	6.62	
07 21 19 00-0013	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.78	
07 21 23		**Loose-Fill Insulation** *(07 21)*		
07 21 23 00-0001		Poured Type, Loose Fill Insulation *(07 21 23)*		
07 21 23 00-0002	CF	R-3.5/Inch, Poured Type, Fiberglass Loose Fill Insulation	5.72	2.21
07 21 23 00-0003	CF	R-3.7/Inch, Poured Type, Cellulose Loose Fill Insulation	6.15	2.21
07 21 23 00-0004		Concrete Block Wall Cavity Insulation *(07 21 23)*		
07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	8.03	2.21
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	7.95	2.21
07 21 26		**Blown Insulation** *(07 21)*		
07 21 26 00-0001		Fiberglass Blown-In Insulation *(07 21 26)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0002		Attic, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0003	SF	3-3/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.27	0.96
07 21 26 00-0004	SF	6-1/4" Thick, R-19 Attic, Fiberglass Blown In Insulation	1.61	1.15
07 21 26 00-0005	SF	7-1/4" Thick, R-22 Attic, Fiberglass Blown In Insulation	1.77	1.24
07 21 26 00-0006	SF	10-1/4" Thick, R-30 Attic, Fiberglass Blown In Insulation	2.08	1.34
07 21 26 00-0007	SF	12-3/4" Thick, R-38 Attic, Fiberglass Blown In Insulation	2.37	1.43
07 21 26 00-0008	SF	13-1/2" Thick, R-40 Attic, Fiberglass Blown In Insulation	2.58	1.53
07 21 26 00-0009	SF	14-3/4" Thick, R-44 Attic, Fiberglass Blown In Insulation	2.64	1.53
07 21 26 00-0010	SF	16-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	2.77	1.53
07 21 26 00-0011	SF	19" Thick, R-56 Attic, Fiberglass Blown In Insulation	3.07	1.53
07 21 26 00-0012	SF	21" Thick, R-60 Attic, Fiberglass Blown In Insulation	3.08	1.53
07 21 26 00-0013		New Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
07 21 26 00-0014	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	1.80	0.96
07 21 26 00-0015	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.41	1.15
07 21 26 00-0016	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	2.85	1.24
07 21 26 00-0017	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	3.41	1.34
07 21 26 00-0018		Existing Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0019	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	1.70	0.96
07 21 26 00-0020	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.31	1.15
07 21 26 00-0021	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	2.76	1.24
07 21 26 00-0022	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	3.31	1.34
07 21 26 00-0023		Cellulose Blown-In Insulation *(07 21 26)*		
07 21 26 00-0024		Attic, Cellulose Blown-In Insulation *(07 21 26 00-0023)*		
07 21 26 00-0025	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.29	0.96
07 21 26 00-0026	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.55	1.05
07 21 26 00-0027	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.74	1.15
07 21 26 00-0028	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.03	1.24
07 21 26 00-0029	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.07	1.24
07 21 26 00-0030	SF	10-1/2" Thick, R-38 Attic, Cellulose Blown In Insulation	2.43	1.34
07 21 26 00-0031	SF	11" Thick, R-40 Attic, Cellulose Blown In Insulation	2.50	1.34
07 21 26 00-0032	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	2.92	1.43
07 21 26 00-0033	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	3.34	1.53
07 21 26 00-0034		New Wall, Cellulose Blown-In Insulation *(07 21 26 00-0023)*		
07 21 26 00-0035	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.75	0.96
07 21 26 00-0036	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.34	1.15
07 21 26 00-0037	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	2.76	1.24
07 21 26 00-0038	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	3.28	1.34
07 21 26 00-0039		Existing Wall, Cellulose Blown-In Insulation *(07 21 26 00-0023)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0040	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.66	0.96
07 21 26 00-0041	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.25	1.15
07 21 26 00-0042	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.66	1.24
07 21 26 00-0043	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	3.19	1.34
07 21 29		**Sprayed Insulation** *(07 21)*		
07 21 29 00-0001		Fiber Sprayed On Insulation *(07 21 29)*		
07 21 29 00-0002	SF	1" Spray, R2.7 Perlite Insulation	2.06	0.58
07 21 29 00-0003	SF	1" Spray, R3.7 Fibrous/Cementitious Insulation	1.49	0.58
07 21 29 00-0004		Cellulose Sprayed On Insulation *(07 21 29)*		
07 21 29 00-0005	SF	1" Thick - Cellulose Spray-on Insulation	2.95	0.58
07 21 53		**Reflective Insulation** *(07 21)*		
07 21 53 00-0001		Reflective Barrier Insulation (Foil - Single Bubble - Foil) *(07 21 53)*		
07 21 53 00-0002	SF	3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	0.82	

07 22 Roof And Deck Insulation *(07 20)*

07 22 16 Roof Board Insulation *(07 22)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 22 16 00-0001 Rigid Board Roofing Insulation *(07 22 16)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0002		Cold Adhesive Applied Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
07 22 16 00-0003		Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0004	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	1.70	
07 22 16 00-0005	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	1.97	
07 22 16 00-0006	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.24	
07 22 16 00-0007	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.72	
07 22 16 00-0008	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.21	
07 22 16 00-0009		Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0010	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	1.83	
07 22 16 00-0011	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.16	
07 22 16 00-0012		Cold Adhesive Applied, Perlite, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0013	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.64	
07 22 16 00-0014	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.64	
07 22 16 00-0015	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.80	
07 22 16 00-0016	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	1.98	
07 22 16 00-0017	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.42	
07 22 16 00-0018	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.72	
07 22 16 00-0019		Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0020	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	2.22	
07 22 16 00-0021	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	2.94	
07 22 16 00-0022	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.79	
07 22 16 00-0023		Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0024	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	4.00	
07 22 16 00-0025	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	4.70	
07 22 16 00-0026	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.08	
07 22 16 00-0027	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	7.45	
07 22 16 00-0028		Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0029	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	1.58	
		For Loose-Laid, Deduct	*-0.84*	
07 22 16 00-0030	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	1.64	
		For Loose-Laid, Deduct	*-0.84*	
07 22 16 00-0031	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	1.82	
		For Loose-Laid, Deduct	*-0.85*	
07 22 16 00-0032	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	1.98	
		For Loose-Laid, Deduct	*-0.85*	
07 22 16 00-0033	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.65	
		For Loose-Laid, Deduct	*-0.86*	
07 22 16 00-0034	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	3.33	
		For Loose-Laid, Deduct	*-0.87*	
07 22 16 00-0035	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.02	
		For Loose-Laid, Deduct	*-0.89*	
07 22 16 00-0036	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.69	
		For Loose-Laid, Deduct	*-0.90*	
07 22 16 00-0037	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.37	
		For Loose-Laid, Deduct	*-0.91*	
07 22 16 00-0038		Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0002)*		
		Note: 15 PSI compressive strength.		
07 22 16 00-0039	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	2.07	
		For Loose-Laid, Deduct	*-0.82*	
		For 25 PSI Compressive Strength, Add	*0.19*	
		For 40 PSI Compressive Strength, Add	*0.46*	
		For 60 PSI Compressive Strength, Add	*0.74*	
		For 115 PSI Compressive Strength, Add	*3.17*	
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	2.16	
		For Loose-Laid, Deduct	*-0.82*	
		For 25 PSI Compressive Strength, Add	*0.21*	
		For 40 PSI Compressive Strength, Add	*0.49*	
		For 60 PSI Compressive Strength, Add	*0.79*	
		For 115 PSI Compressive Strength, Add	*3.40*	
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	2.60	
		For Loose-Laid, Deduct	*-0.82*	
		For 25 PSI Compressive Strength, Add	*0.28*	
		For 40 PSI Compressive Strength, Add	*0.66*	
		For 60 PSI Compressive Strength, Add	*1.05*	
		For 100 PSI Compressive Strength, Add	*1.34*	
		For 115 PSI Compressive Strength, Add	*4.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.08	
		For Loose-Laid, Deduct	*-0.83*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.83*	
		For 60 PSI Compressive Strength, Add	*1.31*	
		For 115 PSI Compressive Strength, Add	*5.69*	
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.53	
		For Loose-Laid, Deduct	*-0.83*	
		For 25 PSI Compressive Strength, Add	*0.42*	
		For 40 PSI Compressive Strength, Add	*1.00*	
		For 60 PSI Compressive Strength, Add	*1.57*	
		For 100 PSI Compressive Strength, Add	*2.02*	
		For 115 PSI Compressive Strength, Add	*6.85*	
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.99	
		For Loose-Laid, Deduct	*-0.84*	
		For 25 PSI Compressive Strength, Add	*0.49*	
		For 40 PSI Compressive Strength, Add	*1.17*	
		For 60 PSI Compressive Strength, Add	*1.83*	
		For 115 PSI Compressive Strength, Add	*7.98*	
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.46	
		For Loose-Laid, Deduct	*-0.85*	
		For 25 PSI Compressive Strength, Add	*0.56*	
		For 40 PSI Compressive Strength, Add	*1.34*	
		For 60 PSI Compressive Strength, Add	*2.09*	
		For 115 PSI Compressive Strength, Add	*9.14*	

07 22 16 00-0046 Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0002)*

07 22 16 00-0047	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	1.87	
		For Loose-Laid, Deduct	*-0.82*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.10*	
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	1.93	
		For Loose-Laid, Deduct	*-0.82*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.11*	
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.03	
		For Loose-Laid, Deduct	*-0.82*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.12*	
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.31	
		For Loose-Laid, Deduct	*-0.83*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.14*	
07 22 16 00-0051	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.57	
		For Loose-Laid, Deduct	*-0.84*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.17*	
07 22 16 00-0052	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.83	
		For Loose-Laid, Deduct	*-0.84*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.19*	
07 22 16 00-0053	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.12	
		For Loose-Laid, Deduct	*-0.85*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.22*	
07 22 16 00-0054	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.37	
		For Loose-Laid, Deduct	*-0.85*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.24*	

07 22 16 00-0055 Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0002)*

07 22 16 00-0056	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied	2.12	

07 22 16 00-0057 Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0002)*

07 22 16 00-0058	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.02	
07 22 16 00-0059	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.12	
07 22 16 00-0060	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.20	
07 22 16 00-0061	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.23	

07 22 16 00-0062 Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0002)*

07 22 16 00-0063	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	1.98	
07 22 16 00-0064	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.14	
07 22 16 00-0065	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.18	

07 22 16 00-0066 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0002)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

07 22 16 00-0067	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.33	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0068	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.48	
07 22 16 00-0069	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.70	
07 22 16 00-0070	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.83	
07 22 16 00-0071	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.13	
07 22 16 00-0072	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.26	
07 22 16 00-0073	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.50	

07 22 16 00-0074 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0002)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

07 22 16 00-0075	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.36	
07 22 16 00-0076	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.63	
07 22 16 00-0077	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	3.95	
07 22 16 00-0078	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.16	
07 22 16 00-0079	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.43	
07 22 16 00-0080	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	4.72	
07 22 16 00-0081	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.27	

07 22 16 00-0082 Hot-Mopped Rigid Board Roofing Insulation *(07 22 16 00-0001)*

07 22 16 00-0083 Hot-Mopped, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0082)*

07 22 16 00-0084	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	1.54	
07 22 16 00-0085	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	1.81	
07 22 16 00-0086	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.08	
07 22 16 00-0087	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.57	
07 22 16 00-0088	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.08	

07 22 16 00-0089 Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0082)*

07 22 16 00-0090	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	1.68	
07 22 16 00-0091	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.00	

07 22 16 00-0092 Hot-Mopped, Perlite, Roof Board Insulation *(07 22 16 00-0082)*

07 22 16 00-0093	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	1.46	
07 22 16 00-0094	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	1.61	
07 22 16 00-0095	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	1.80	
07 22 16 00-0096	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	2.25	
07 22 16 00-0097	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	2.53	

07 22 16 00-0098 Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0082)*

07 22 16 00-0099	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	2.04	
07 22 16 00-0100	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	2.76	
07 22 16 00-0101	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	3.61	

07 22 16 00-0102 Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0082)*

07 22 16 00-0103	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	3.82	
07 22 16 00-0104	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	4.52	
07 22 16 00-0105	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	5.90	
07 22 16 00-0106	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	7.27	

07 22 16 00-0107 Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*

07 22 16 00-0108	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.41	
07 22 16 00-0109	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.48	
07 22 16 00-0110	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.55	
07 22 16 00-0111	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.80	
07 22 16 00-0112	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.49	
07 22 16 00-0113	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.18	
07 22 16 00-0114	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.85	
07 22 16 00-0115	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.53	
07 22 16 00-0116	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	5.21	

07 22 16 00-0117 Hot-Mopped, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*

Note: 15 PSI compressive strength.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0118	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	1.88	
		For 25 PSI Compressive Strength, Add	*0.15*	
		For 40 PSI Compressive Strength, Add	*0.35*	
		For 60 PSI Compressive Strength, Add	*0.59*	
		For 115 PSI Compressive Strength, Add	*2.49*	
07 22 16 00-0119	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	1.98	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For 40 PSI Compressive Strength, Add	*0.39*	
		For 60 PSI Compressive Strength, Add	*0.64*	
		For 115 PSI Compressive Strength, Add	*2.72*	
07 22 16 00-0120	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.43	
		For 25 PSI Compressive Strength, Add	*0.24*	
		For 40 PSI Compressive Strength, Add	*0.56*	
		For 60 PSI Compressive Strength, Add	*0.90*	
		For 100 PSI Compressive Strength, Add	*1.15*	
		For 115 PSI Compressive Strength, Add	*3.87*	
07 22 16 00-0121	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.99	
		For 25 PSI Compressive Strength, Add	*0.31*	
		For 40 PSI Compressive Strength, Add	*0.73*	
		For 60 PSI Compressive Strength, Add	*1.16*	
		For 115 PSI Compressive Strength, Add	*5.02*	
07 22 16 00-0122	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	12.19	
		For 25 PSI Compressive Strength, Add	*0.38*	
		For 40 PSI Compressive Strength, Add	*0.90*	
		For 60 PSI Compressive Strength, Add	*1.86*	
		For 100 PSI Compressive Strength, Add	*2.26*	
		For 115 PSI Compressive Strength, Add	*7.05*	
07 22 16 00-0123	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.82	
		For 25 PSI Compressive Strength, Add	*0.45*	
		For 40 PSI Compressive Strength, Add	*1.07*	
		For 60 PSI Compressive Strength, Add	*1.68*	
		For 115 PSI Compressive Strength, Add	*7.32*	
07 22 16 00-0124	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.28	
		For 25 PSI Compressive Strength, Add	*0.52*	
		For 40 PSI Compressive Strength, Add	*1.24*	
		For 60 PSI Compressive Strength, Add	*1.94*	
		For 115 PSI Compressive Strength, Add	*8.46*	

07 22 16 00-0125 Hot-Mopped, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0082)*

07 22 16 00-0126	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	1.69	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.07*	
07 22 16 00-0127	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	1.76	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.08*	
07 22 16 00-0128	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	1.86	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.09*	
07 22 16 00-0129	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.12	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.11*	
07 22 16 00-0130	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.39	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.14*	
07 22 16 00-0131	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.65	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.16*	
07 22 16 00-0132	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.85	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.19*	
07 22 16 00-0133	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.19	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.22*	

07 22 16 00-0134 Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0082)*

07 22 16 00-0135	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	1.85
07 22 16 00-0136	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	1.96
07 22 16 00-0137	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.03
07 22 16 00-0138	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.07

07 22 16 00-0139 Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0082)*

07 22 16 00-0140	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	1.81
07 22 16 00-0141	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	1.97
07 22 16 00-0142	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.01

07 22 16 00-0143 Mechanically Fastened Rigid Board Roofing Insulation *(07 22 16 00-0001)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0144 Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0145	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	1.51	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0146	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	1.78	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.76*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.48*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0147	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.05	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.50*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0148	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.57	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0149	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	3.05	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	

07 22 16 00-0150 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0151	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	1.64	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.50*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0152	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	1.97	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.50*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	

07 22 16 00-0153 Mechanically Fastened, Perlite, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0154	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened	1.45	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.70*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.42*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0155	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened	1.61	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0156	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened	1.79	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0157	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened	2.27	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0158	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened	2.57	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	

07 22 16 00-0159 Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0160	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	2.03	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0161	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	2.79	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 22 16 00-0162	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	3.67	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.67*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	

07 22 16 00-0163 Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0164	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	3.85	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0165	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	4.55	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 22 16 00-0166	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	5.96	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.67*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0167	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	7.40	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.11*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.01*	

07 22 16 00-0168 Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0169	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.39	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.72*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0170	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.45	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.72*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.44*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0171	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.63	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.45*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0172	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	1.79	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.45*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0173	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.50	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 22 16 00-0174	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.22	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.89*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0175	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.97	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.76*	
07 22 16 00-0176	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	4.72	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0177	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	5.78	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.38*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.41*	

07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 22 16 00-0179	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	1.88	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For 40 PSI Compressive Strength, Add	*0.38*	
		For 60 PSI Compressive Strength, Add	*0.63*	
		For 115 PSI Compressive Strength, Add	*2.68*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	1.97	
		For 25 PSI Compressive Strength, Add	*0.18*	
		For 40 PSI Compressive Strength, Add	*0.42*	
		For 60 PSI Compressive Strength, Add	*0.68*	
		For 115 PSI Compressive Strength, Add	*2.91*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.45	
		For 25 PSI Compressive Strength, Add	*0.25*	
		For 40 PSI Compressive Strength, Add	*0.60*	
		For 60 PSI Compressive Strength, Add	*0.96*	
		For 100 PSI Compressive Strength, Add	*1.23*	
		For 115 PSI Compressive Strength, Add	*4.15*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.93	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.77*	
		For 60 PSI Compressive Strength, Add	*1.22*	
		For 115 PSI Compressive Strength, Add	*5.31*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.41	
		For 25 PSI Compressive Strength, Add	*0.40*	
		For 40 PSI Compressive Strength, Add	*0.95*	
		For 60 PSI Compressive Strength, Add	*1.50*	
		For 100 PSI Compressive Strength, Add	*1.93*	
		For 115 PSI Compressive Strength, Add	*6.54*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.67*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.61*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0184	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.88	
		For 25 PSI Compressive Strength, Add	*0.47*	
		For 40 PSI Compressive Strength, Add	*1.12*	
		For 60 PSI Compressive Strength, Add	*1.76*	
		For 115 PSI Compressive Strength, Add	*7.70*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.67*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0185	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.41	
		For 25 PSI Compressive Strength, Add	*0.56*	
		For 40 PSI Compressive Strength, Add	*1.32*	
		For 60 PSI Compressive Strength, Add	*2.06*	
		For 115 PSI Compressive Strength, Add	*9.01*	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.76*	

07 22 16 00-0186 Mechanically Fastened, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0187	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	1.68	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.08*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0188	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	1.74	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.09*	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.43*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0189	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	1.88	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.10*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0190	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.15	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.13*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 22 16 00-0191	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.45	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.15*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.67*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0192	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.72	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.18*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.67*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0193	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.06	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.21*	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.02*	
07 22 16 00-0194	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.32	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.24*	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.76*	

07 22 16 00-0195 Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0196	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	1.93	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	

07 22 16 00-0197 Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0198	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	1.83	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0199	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	1.93	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0200	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.01	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0201	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.04	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 22 16 00-0202 Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock)

(07 22 16 00-0143)

Note: Mechanically fastened to wood or steel.

07 22 16 00-0203	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	1.79	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0204	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	1.95	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0205	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	1.99	
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	

07 22 16 00-0206 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0207	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	3.18	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 22 16 00-0208	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	3.33	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Gypsum, Add	*1.42*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.67*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.50*	
07 22 16 00-0209	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	3.58	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.01*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.61*	
07 22 16 00-0210	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	3.71	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.01*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0211	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	4.08	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0212	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	4.21	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.76*	
07 22 16 00-0213	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	4.52	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.40*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.37*	

07 22 16 00-0214 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0215	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	3.25	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.61*	
07 22 16 00-0216	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	3.51	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.00*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.80*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0217	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	3.90	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.15*	
07 22 16 00-0218	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	4.11	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.76*	
07 22 16 00-0219	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	4.45	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.36*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.33*	
07 22 16 00-0220	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	4.75	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.34*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0221	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.57	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.55*	
07 22 16 00-0222		Rigid Board Tapered Roofing Insulation *(07 22 16)*		
		Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board.		
07 22 16 00-0223		Cold Adhesive Applied Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*		
07 22 16 00-0224		Cold Adhesive Applied, Tapered Polyisocyanurate Board *(07 22 16 00-0223)*		
		Note: Includes polyurethane adhesive.		
07 22 16 00-0225		Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*		
07 22 16 00-0226	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	3.25	
		For 25 PSI Compressive Strength, Add	*0.19*	
07 22 16 00-0227	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	4.66	
		For 25 PSI Compressive Strength, Add	*0.23*	
07 22 16 00-0228	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.00	
		For 25 PSI Compressive Strength, Add	*0.26*	
07 22 16 00-0229	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.35	
		For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0230	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.69	
		For 25 PSI Compressive Strength, Add	*0.33*	
07 22 16 00-0231	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.09	
		For 25 PSI Compressive Strength, Add	*0.37*	
07 22 16 00-0232	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.43	
		For 25 PSI Compressive Strength, Add	*0.40*	
07 22 16 00-0233	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.78	
		For 25 PSI Compressive Strength, Add	*0.44*	
07 22 16 00-0234	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.12	
		For 25 PSI Compressive Strength, Add	*0.47*	
07 22 16 00-0235	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.52	
		For 25 PSI Compressive Strength, Add	*0.51*	
07 22 16 00-0236		Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*		
07 22 16 00-0237	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	3.08	
		For 25 PSI Compressive Strength, Add	*0.18*	
07 22 16 00-0238	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	4.83	
		For 25 PSI Compressive Strength, Add	*0.25*	
07 22 16 00-0239	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.52	
		For 25 PSI Compressive Strength, Add	*0.32*	
07 22 16 00-0240	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.26	
		For 25 PSI Compressive Strength, Add	*0.39*	
07 22 16 00-0241	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.95	
		For 25 PSI Compressive Strength, Add	*0.45*	
07 22 16 00-0242	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	9.69	
		For 25 PSI Compressive Strength, Add	*0.52*	
07 22 16 00-0243		Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*		
07 22 16 00-0244	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	5.18	
		For 25 PSI Compressive Strength, Add	*0.28*	
07 22 16 00-0245	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.61	
		For 25 PSI Compressive Strength, Add	*0.42*	
07 22 16 00-0246	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.03	
		For 25 PSI Compressive Strength, Add	*0.56*	
07 22 16 00-0247	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.47	
		For 25 PSI Compressive Strength, Add	*0.70*	

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0248				Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0223)* Note: Includes polyurethane adhesive.		
07 22 16 00-0249				Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0250	SF			2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	2.87	
07 22 16 00-0251	SF			2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.28	
07 22 16 00-0252	SF			3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.54	
07 22 16 00-0253	SF			3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.79	
07 22 16 00-0254	SF			4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	5.05	
07 22 16 00-0255	SF			4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.45	
07 22 16 00-0256	SF			5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.71	
07 22 16 00-0257	SF			5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.97	
07 22 16 00-0258	SF			6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.23	
07 22 16 00-0259	SF			6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.63	
07 22 16 00-0260				Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0261	SF			2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	2.74	
07 22 16 00-0262	SF			3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.41	
07 22 16 00-0263	SF			4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.92	
07 22 16 00-0264	SF			5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.58	
07 22 16 00-0265	SF			6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.10	
07 22 16 00-0266	SF			7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	8.76	
07 22 16 00-0267				Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0268	SF			3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.67	
07 22 16 00-0269	SF			5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.84	
07 22 16 00-0270	SF			7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.02	
07 22 16 00-0271	SF			9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	11.46	
07 22 16 00-0272				Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0223)* Note: Includes polyurethane adhesive.		
07 22 16 00-0273				Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0274	SF			2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	3.18	
07 22 16 00-0275	SF			2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.58	
07 22 16 00-0276	SF			3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.91	
07 22 16 00-0277	SF			3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	5.24	
07 22 16 00-0278	SF			4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	5.56	
07 22 16 00-0279	SF			4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	6.96	
07 22 16 00-0280	SF			5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.29	
07 22 16 00-0281	SF			5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.62	
07 22 16 00-0282	SF			6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.94	
07 22 16 00-0283	SF			6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.34	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0284		Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0285	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	3.01	
07 22 16 00-0286	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.75	
07 22 16 00-0287	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	5.40	
07 22 16 00-0288	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.13	
07 22 16 00-0289	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.78	
07 22 16 00-0290	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.50	
07 22 16 00-0291		Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0292	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	5.07	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.47*	
07 22 16 00-0293	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.45	
07 22 16 00-0294	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	9.83	
07 22 16 00-0295	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.22	
07 22 16 00-0296		Cold Adhesive Applied, Tapered Perlite Board *(07 22 16 00-0223)*		
		Note: Includes polyurethane adhesive.		
07 22 16 00-0297		Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0296)*		
07 22 16 00-0298	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	4.08	
07 22 16 00-0299	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	5.34	
07 22 16 00-0300	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	5.85	
07 22 16 00-0301	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.42	
07 22 16 00-0302	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.93	
07 22 16 00-0303	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.17	
07 22 16 00-0304	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.69	
07 22 16 00-0305	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.25	
07 22 16 00-0306	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.77	
07 22 16 00-0307	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.01	
07 22 16 00-0308		Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0296)*		
07 22 16 00-0309	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	3.82	
07 22 16 00-0310	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	5.60	
07 22 16 00-0311	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.68	
07 22 16 00-0312	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.43	
07 22 16 00-0313	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.51	
07 22 16 00-0314	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.27	
07 22 16 00-0315		Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0296)*		
07 22 16 00-0316	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.11	
07 22 16 00-0317	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.95	
07 22 16 00-0318	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.79	
07 22 16 00-0319	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.63	
07 22 16 00-0320		Hot-Mopped Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*		
07 22 16 00-0321		Hot-Mopped, Tapered Polyisocyanurate Board *(07 22 16 00-0320)*		
07 22 16 00-0322		Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0321)*		
07 22 16 00-0323	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	2.99	
		For 25 PSI Compressive Strength, Add	*0.17*	
07 22 16 00-0324	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.38	
		For 25 PSI Compressive Strength, Add	*0.18*	
07 22 16 00-0325	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.73	
		For 25 PSI Compressive Strength, Add	*0.21*	
07 22 16 00-0326	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.84	
		For 25 PSI Compressive Strength, Add	*0.25*	
07 22 16 00-0327	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	5.41	
		For 25 PSI Compressive Strength, Add	*0.28*	
07 22 16 00-0328	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.69	
		For 25 PSI Compressive Strength, Add	*0.29*	
07 22 16 00-0329	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.04	
		For 25 PSI Compressive Strength, Add	*0.33*	
07 22 16 00-0330	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.38	
		For 25 PSI Compressive Strength, Add	*0.36*	
07 22 16 00-0331	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.73	
		For 25 PSI Compressive Strength, Add	*0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0332	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.97	
		For 25 PSI Compressive Strength, Add	*0.41*	
07 22 16 00-0333		**Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)*		
07 22 16 00-0334	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	2.94	
		For 25 PSI Compressive Strength, Add	*0.15*	
07 22 16 00-0335	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.55	
		For 25 PSI Compressive Strength, Add	*0.20*	
07 22 16 00-0336	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	5.24	
		For 25 PSI Compressive Strength, Add	*0.26*	
07 22 16 00-0337	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.87	
		For 25 PSI Compressive Strength, Add	*0.31*	
07 22 16 00-0338	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.55	
		For 25 PSI Compressive Strength, Add	*0.38*	
07 22 16 00-0339	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.14	
		For 25 PSI Compressive Strength, Add	*0.42*	
07 22 16 00-0340		**Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)*		
07 22 16 00-0341	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.90	
		For 25 PSI Compressive Strength, Add	*0.23*	
07 22 16 00-0342	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.21	
		For 25 PSI Compressive Strength, Add	*0.35*	
07 22 16 00-0343	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.49	
		For 25 PSI Compressive Strength, Add	*0.46*	
07 22 16 00-0344	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.80	
		For 25 PSI Compressive Strength, Add	*0.57*	
07 22 16 00-0345		**Hot-Mopped, Tapered Perlite Board** *(07 22 16 00-0320)*		
07 22 16 00-0346		**Hot-Mopped, 1/8" Slope, Tapered Perlite Board** *(07 22 16 00-0345)*		
07 22 16 00-0347	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	3.58	
07 22 16 00-0348	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	5.06	
07 22 16 00-0349	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	5.58	
07 22 16 00-0350	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	5.77	
07 22 16 00-0351	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	6.29	
07 22 16 00-0352	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	7.77	
07 22 16 00-0353	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.29	
07 22 16 00-0354	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.48	
07 22 16 00-0355	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	9.00	
07 22 16 00-0356	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	10.47	
07 22 16 00-0357		**Hot-Mopped, 1/4" Slope, Tapered Perlite Board** *(07 22 16 00-0345)*		
07 22 16 00-0358	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	3.32	
07 22 16 00-0359	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	5.32	
07 22 16 00-0360	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	6.03	
07 22 16 00-0361	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	8.03	
07 22 16 00-0362	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	8.74	
07 22 16 00-0363	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	10.72	
07 22 16 00-0364		**Hot-Mopped, 1/2" Slope, Tapered Perlite Board** *(07 22 16 00-0345)*		
07 22 16 00-0365	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	5.84	
07 22 16 00-0366	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	8.55	
07 22 16 00-0367	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	55.40	
07 22 16 00-0368	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	13.96	
07 22 16 00-0369		**Mechanically Fastened Tapered Roofing Insulation** *(07 22 16 00-0222)*		
		Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.		
07 22 16 00-0370		**Mechanically Fastened, Tapered Polyisocyanurate Board** *(07 22 16 00-0369)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0371		**Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0370)*		
07 22 16 00-0372	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	3.10	
		For 25 PSI Compressive Strength, Add	*0.18*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.48*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0373	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.18	
		For 25 PSI Compressive Strength, Add	*0.18*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.61*	
07 22 16 00-0374	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.52	
		For 25 PSI Compressive Strength, Add	*0.22*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0375	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.93	
		For 25 PSI Compressive Strength, Add	*0.26*	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.71*	
07 22 16 00-0376	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.27	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.76*	
07 22 16 00-0377	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.38	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0378	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.72	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0379	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.34	
		For 25 PSI Compressive Strength, Add	*0.39*	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	
07 22 16 00-0380	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.69	
		For 25 PSI Compressive Strength, Add	*0.43*	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0381	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.68	
		For 25 PSI Compressive Strength, Add	*0.42*	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	
07 22 16 00-0382		Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		
07 22 16 00-0383	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	2.93	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0384	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.35	
		For 25 PSI Compressive Strength, Add	*0.20*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.61*	
07 22 16 00-0385	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	5.10	
		For 25 PSI Compressive Strength, Add	*0.27*	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.71*	
07 22 16 00-0386	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.55	
		For 25 PSI Compressive Strength, Add	*0.31*	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.52	
		For 25 PSI Compressive Strength, Add	*0.41*	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.85	
		For 25 PSI Compressive Strength, Add	*0.44*	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	
07 22 16 00-0389		Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0390	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.69	
		For 25 PSI Compressive Strength, Add	*0.23*	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0391	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.74	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0392	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.19	
		For 25 PSI Compressive Strength, Add	*0.47*	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	
07 22 16 00-0393	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.59	
		For 25 PSI Compressive Strength, Add	*0.61*	
		For Mechanically Fastened To Concrete, Add	*1.52*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	

07 22 16 00-0394 Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0395 Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0396	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	2.71	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0397	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	3.80	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.61*	
07 22 16 00-0398	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.05	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0399	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.37	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.71*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0400	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.63	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.76*	
07 22 16 00-0401	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.74	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0402	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.00	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0403	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.54	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	
07 22 16 00-0404	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.79	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	
07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.79	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	

07 22 16 00-0406 Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	2.58	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	3.92	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.61*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0409	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.50	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.71*	
07 22 16 00-0410	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.87	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0411	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.66	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	
07 22 16 00-0412	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.92	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	

07 22 16 00-0413 Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0414	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.18	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0415	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.13	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0416	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.17	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	
07 22 16 00-0417	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.58	
		For Mechanically Fastened To Concrete, Add	*1.52*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	

07 22 16 00-0418 Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0419 Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0420	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	3.02	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0421	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.10	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.61*	
07 22 16 00-0422	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.19	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0423	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.82	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.71*	
07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	5.14	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.76*	
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.25	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.58	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.18	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.51	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.50	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	

07 22 16 00-0430 Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	2.86	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.26	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.61*	
07 22 16 00-0433	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.98	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.71*	
07 22 16 00-0434	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.42	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0435	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.35	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	
07 22 16 00-0436	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.66	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	

07 22 16 00-0437 Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0438	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.59	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0439	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.74	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0440	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.99	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	
07 22 16 00-0441	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.23	
		For Mechanically Fastened To Concrete, Add	*1.52*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	

07 22 16 00-0442 Mechanically Fastened, Tapered Perlite Board *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0443 Mechanically Fastened, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0444	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	3.56	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0445	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	4.85	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.61*	
07 22 16 00-0446	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	5.37	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0447	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	5.63	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.71*	
07 22 16 00-0448	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	6.15	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.84*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.76*	
07 22 16 00-0449	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	7.46	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0450	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	7.98	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0451	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.45	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	
07 22 16 00-0452	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.97	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	
07 22 16 00-0453	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	10.17	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	

07 22 16 00-0454 Mechanically Fastened, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0455	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	3.30	
		For Mechanically Fastened To Concrete, Add	*1.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.41*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.50*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.73*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.26*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 22 16 00-0456	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	5.11	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.73*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.61*	
07 22 16 00-0457	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	5.89	
		For Mechanically Fastened To Concrete, Add	*1.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.46*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.65*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.68*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.81*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.97*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.52*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.71*	
07 22 16 00-0458	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	7.72	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0459	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	8.71	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.35*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.06*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.60*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.16*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0460	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	10.43	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	

07 22 16 00-0461 Mechanically Fastened, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0462	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	5.63	
		For Mechanically Fastened To Concrete, Add	*1.29*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.47*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.55*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.83*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.64*	
07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	8.24	
		For Mechanically Fastened To Concrete, Add	*1.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.49*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.76*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*1.78*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.13*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.69*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*2.88*	
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	10.95	
		For Mechanically Fastened To Concrete, Add	*1.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.02*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.06*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.54*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.10*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	13.75	
		For Mechanically Fastened To Concrete, Add	*1.52*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.38*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.19*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.07*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.30*	

07 22 16 00-0466 Demolish Rigid Board Roofing Insulation *(07 22 16)*

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation		0.49
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation		0.50
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation		0.51
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation		0.53
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation		0.54
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation		0.55
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation		0.56
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation		0.58
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation		0.59
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation		0.60
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation		0.62
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation		0.63
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation		0.65

07 24 Exterior Insulation And Finish Systems *(07 20)*

07 24 13 Polymer-Based Exterior Insulation And Finish System *(07 24)*

07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) *(07 24 13)*

07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied		2.88
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.11*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*1.63*	
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied		3.22
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.12*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*1.63*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	3.57	
		For Up To 100, Add	*0.74*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.24*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*1.72*	
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	3.92	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.38*	
		For >5,000, Deduct	*-0.15*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.29*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*1.79*	
07 24 13 00-0007	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.25	
		For Up To 100, Add	*0.76*	
		For >100 To 500, Add	*0.38*	
		For >5,000, Deduct	*-0.15*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.29*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*1.79*	
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.92	
		For Up To 100, Add	*0.77*	
		For >100 To 500, Add	*0.38*	
		For >5,000, Deduct	*-0.15*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.42*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*1.91*	

07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

07 24 13 00-0010	SF	4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat	4.03	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0011	SF	6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat	4.37	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0012	SF	15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat	5.28	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0013	SF	20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat	5.55	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	

07 24 13 00-0014 Base Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0015	SF	Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM)	1.97	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
07 24 13 00-0016	SF	Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®)	2.22	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
07 24 13 00-0017	SF	Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	3.58	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
07 24 13 00-0018	SF	Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	4.64	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	

07 24 13 00-0019 Finish Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes all standard manufacturers' colors.

07 24 13 00-0020	SF	100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	3.49	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0021	SF	100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	3.55	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0022	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	3.94	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	4.29	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	3.94	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	4.29	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth)	3.60	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®)	3.97	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	7.10	
		For Up To 100, Add	*1.45*	
		For >100 To 500, Add	*0.72*	
		For >5,000, Deduct	*-0.29*	

07 24 13 00-0029 Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®)	1.03	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™)	1.05	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	

07 24 13 00-0032 Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.33	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.58	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	

07 24 13 00-0035 Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	1.92	
		For Up To 100, Add	*0.45*	
		For >100 To 500, Add	*0.23*	
		For >5,000, Deduct	*-0.09*	

07 24 13 00-0037 Starter Tracks For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	2.68	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	2.87	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	3.09	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	3.55	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	2.87	
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	3.09	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	3.31	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	3.81	

07 24 13 00-0046 Demolish Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0047	SF	Demolish Exterior Insulation Finishing Systems (EIFS) Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.	2.71	
		For Up To 100, Add	*1.36*	
		For >100 To 500, Add	*0.68*	
		For >5,000, Deduct	*-0.27*	

07 25 Weather Barriers *(07)*

07 26 Vapor Retarders *(07 25)*

07 26 13 Above-Grade Vapor Retarders *(07 26)*

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	24.35
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex)	23.06
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute)	27.19
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute)	33.25
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing	22.55
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	73.96
07 26 13 00-0007	CLF	4" Wide Self Adhering Butyl Sealing Tape	103.81
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape	144.80
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape	194.98
07 26 13 00-0010	CSF	Building Wrap (Tyvek)	55.66

07 27 Air Barriers *(07 25)*

07 27 23 Board Product Air Barriers *(07 27)*

07 27 23 00-0001 Barriers For Plenums *(07 27 23)*

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF	9.37	2.93
		For Up To 50, Add	*3.70*	
		For >50 To 200, Add	*2.09*	
		For >200 To 500, Add	*0.76*	
		For >2,500, Deduct	*-0.47*	
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF	10.15	2.93
		For Up To 50, Add	*4.04*	
		For >50 To 200, Add	*2.27*	
		For >200 To 500, Add	*0.82*	
		For >2,500, Deduct	*-0.51*	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	4.11	1.95
		For Up To 50, Add	*2.04*	
		For >50 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.38*	
		For >2,500, Deduct	*-0.21*	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	7.48	2.93
		For Up To 50, Add	*3.64*	
		For >50 To 200, Add	*2.01*	
		For >200 To 500, Add	*0.69*	
		For >2,500, Deduct	*-0.37*	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed	5.63	1.95
		For Up To 50, Add	*2.26*	
		For >50 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.46*	
		For >2,500, Deduct	*-0.28*	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF	6.85	1.95
		For Up To 50, Add	*2.33*	
		For >50 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.51*	
		For >2,500, Deduct	*-0.34*	

07 30 Steep Slope Roofing *(07)*

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles And Shakes *(07 30)*

07 31 13 Asphalt Shingles *(07 31)*

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles *(07 31 13)*

07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0002	SQ	200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	247.70	160.31
		For >35 To 75, Deduct	*-10.19*	
		For >75 To 100, Deduct	*-15.87*	
		For >100 To 200, Deduct	*-23.60*	
		For >200, Deduct	*-34.96*	
		For Steep Roof, Over 7 To 12, Add	*46.65*	
07 31 13 13-0003	SQ	220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	259.77	168.35
		For >35 To 75, Deduct	*-10.67*	
		For >75 To 100, Deduct	*-16.63*	
		For >100 To 200, Deduct	*-24.73*	
		For >200, Deduct	*-36.65*	
		For Steep Roof, Over 7 To 12, Add	*48.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0004	SQ	230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	301.35	176.75
		For >35 To 75, Deduct	*-14.06*	
		For >75 To 100, Deduct	*-20.89*	
		For >100 To 200, Deduct	*-30.53*	
		For >200, Deduct	*-44.20*	
		For Steep Roof, Over 7 To 12, Add	*51.44*	

07 31 13 13-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0006	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	308.75	204.66
		For >35 To 75, Deduct	*-12.27*	
		For >75 To 100, Deduct	*-19.38*	
		For >100 To 200, Deduct	*-28.94*	
		For >200, Deduct	*-43.15*	
		For Steep Roof, Over 7 To 12, Add	*59.53*	
07 31 13 13-0007	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	327.71	194.86
		For >35 To 75, Deduct	*-15.05*	
		For >75 To 100, Deduct	*-22.49*	
		For >100 To 200, Deduct	*-32.94*	
		For >200, Deduct	*-47.82*	
		For Steep Roof, Over 7 To 12, Add	*56.70*	
07 31 13 13-0008	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	354.86	214.89
		For >35 To 75, Deduct	*-15.95*	
		For >75 To 100, Deduct	*-24.02*	
		For >100 To 200, Deduct	*-35.28*	
		For >200, Deduct	*-51.43*	
		For Steep Roof, Over 7 To 12, Add	*62.52*	
07 31 13 13-0009	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	343.55	185.59
		For >35 To 75, Deduct	*-17.48*	
		For >75 To 100, Deduct	*-25.20*	
		For >100 To 200, Deduct	*-36.41*	
		For >200, Deduct	*-51.84*	
		For Steep Roof, Over 7 To 12, Add	*53.99*	
07 31 13 13-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	385.28	225.64
		For >35 To 75, Deduct	*-18.02*	
		For >75 To 100, Deduct	*-26.75*	
		For >100 To 200, Deduct	*-39.08*	
		For >200, Deduct	*-56.55*	
		For Steep Roof, Over 7 To 12, Add	*65.63*	
07 31 13 13-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	411.69	225.64
		For >35 To 75, Deduct	*-20.66*	
		For >75 To 100, Deduct	*-29.92*	
		For >100 To 200, Deduct	*-43.31*	
		For >200, Deduct	*-61.83*	
		For Steep Roof, Over 7 To 12, Add	*65.63*	
07 31 13 13-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	449.50	248.73
		For >35 To 75, Deduct	*-22.33*	
		For >75 To 100, Deduct	*-32.45*	
		For >100 To 200, Deduct	*-47.04*	
		For >200, Deduct	*-67.28*	
		For Steep Roof, Over 7 To 12, Add	*72.37*	
07 31 13 13-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	446.17	236.93
		For >35 To 75, Deduct	*-23.09*	
		For >75 To 100, Deduct	*-33.09*	
		For >100 To 200, Deduct	*-47.70*	
		For >200, Deduct	*-67.70*	
		For Steep Roof, Over 7 To 12, Add	*68.90*	
07 31 13 13-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	444.17	225.64
		For >35 To 75, Deduct	*-23.91*	
		For >75 To 100, Deduct	*-33.82*	
		For >100 To 200, Deduct	*-48.51*	
		For >200, Deduct	*-68.33*	
		For Steep Roof, Over 7 To 12, Add	*65.63*	
07 31 13 13-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	520.60	248.73
		For >35 To 75, Deduct	*-29.44*	
		For >75 To 100, Deduct	*-40.99*	
		For >100 To 200, Deduct	*-58.42*	
		For >200, Deduct	*-81.50*	
		For Steep Roof, Over 7 To 12, Add	*72.37*	
07 31 13 13-0016	SQ	355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	539.12	248.73
		For >35 To 75, Deduct	*-31.30*	
		For >75 To 100, Deduct	*-43.21*	
		For >100 To 200, Deduct	*-61.38*	
		For >200, Deduct	*-85.21*	
		For Steep Roof, Over 7 To 12, Add	*72.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0017	SQ	480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	599.03	274.27
		For >35 To 75, Deduct	*-34.97*	
		For >75 To 100, Deduct	*-48.20*	
		For >100 To 200, Deduct	*-68.42*	
		For >200, Deduct	*-94.87*	
		For Steep Roof, Over 7 To 12, Add	*79.79*	
07 31 13 13-0018	SQ	425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	590.33	261.15
		For >35 To 75, Deduct	*-35.29*	
		For >75 To 100, Deduct	*-48.28*	
		For >100 To 200, Deduct	*-68.33*	
		For >200, Deduct	*-94.32*	
		For Steep Roof, Over 7 To 12, Add	*75.98*	

07 31 13 13-0019 Asphalt Shingle Accessories *(07 31 13 13)*

07 31 13 13-0020	LF	Hip And Ridge Roll Vent Note: Excludes shingles.	5.64	0.97
07 31 13 13-0021	LF	Three Tab Hip And Ridge Shingles	3.46	2.39
07 31 13 13-0022	LF	Architectural Hip And Ridge Shingles	4.18	2.65
07 31 13 13-0023	SQ	Demolish Additional Layers Of Shingles	87.46	

07 31 16 Metal Shingles *(07 31)*

07 31 16 00-0001 Aluminum Shingles *(07 31 16)*

07 31 16 00-0002	SQ	Aluminum Shingles, Mill Finish, 0.020" Thick	693.52	152.16
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0003	SQ	Aluminum Shingles, Mill Finish, 0.030" Thick	958.70	166.30
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0004	LF	Aluminum Shingles, Ridge Cap, 0.020" Thick	12.87	2.19
07 31 16 00-0005	LF	Aluminum Shingles, Ridge Cap, 0.030" Thick	13.50	2.19
07 31 16 00-0006	LF	Aluminum Shingles, Valley Section, 0.020" Thick	8.12	2.19
07 31 16 00-0007	LF	Aluminum Shingles, Valley Section, 0.030" Thick	9.39	2.19

07 31 16 00-0008 Galvanized Steel Shingles *(07 31 16)*

07 31 16 00-0009	SQ	24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles	409.52	136.91
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-5.43*	
		For >75 To 100, Deduct	*-16.34*	
		For >100 To 200, Deduct	*-28.62*	
		For >200, Deduct	*-39.53*	
		For Steep Roof, Over 7 To 12, Add	*87.64*	
07 31 16 00-0010	SQ	26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles	396.02	135.82
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-4.98*	
		For >75 To 100, Deduct	*-15.50*	
		For >100 To 200, Deduct	*-27.27*	
		For >200, Deduct	*-37.79*	
		For Steep Roof, Over 7 To 12, Add	*86.89*	
07 31 16 00-0011	SQ	24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	607.29	136.91
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-13.34*	
		For >75 To 100, Deduct	*-30.19*	
		For >100 To 200, Deduct	*-50.37*	
		For >200, Deduct	*-67.22*	
		For Steep Roof, Over 7 To 12, Add	*87.64*	
07 31 16 00-0012	SQ	26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	563.86	135.82
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-11.69*	
		For >75 To 100, Deduct	*-27.25*	
		For >100 To 200, Deduct	*-45.73*	
		For >200, Deduct	*-61.29*	
		For Steep Roof, Over 7 To 12, Add	*86.89*	
07 31 16 00-0013	LF	Galvanized Steel Shingles, Ridge Or Valley	6.43	1.83
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-0.11*	
		For >75 To 100, Deduct	*-0.29*	
		For >100 To 200, Deduct	*-0.49*	
		For >200, Deduct	*-0.67*	
		For Steep Roof, Over 7 To 12, Add	*1.14*	

07 31 26 Slate Shingles *(07 31)*

Note: Includes 30 LB felt and fasteners.

07 31 26 00-0001 Shingles Including 30 LB Felt And Nails *(07 31 26)*

07 31 26 00-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,070.22	233.51
		For >50 To 75, Deduct	*-22.05*	
		For >75 To 100, Deduct	*-51.57*	
		For >100 To 200, Deduct	*-86.59*	
		For >200, Deduct	*-116.10*	
		For Graduated Shapes, Add	*82.70*	
		For Steep Roof, Over 7 To 12, Add	*166.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 26 00-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,223.89	233.51
		For >50 To 75, Deduct	*-28.20*	
		For >75 To 100, Deduct	*-62.32*	
		For >100 To 200, Deduct	*-103.50*	
		For >200, Deduct	*-137.62*	
		For Graduated Shapes, Add	*105.75*	
		For Steep Roof, Over 7 To 12, Add	*166.04*	
07 31 26 00-0004	SQ	Slate Shingles, Penn Black Bangor	1,177.79	233.51
		For >50 To 75, Deduct	*-26.36*	
		For >75 To 100, Deduct	*-59.10*	
		For >100 To 200, Deduct	*-98.42*	
		For >200, Deduct	*-131.16*	
		For Graduated Shapes, Add	*98.84*	
		For Steep Roof, Over 7 To 12, Add	*166.04*	
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green	1,193.15	233.51
		For >50 To 75, Deduct	*-26.97*	
		For >75 To 100, Deduct	*-60.17*	
		For >100 To 200, Deduct	*-100.11*	
		For >200, Deduct	*-133.31*	
		For Graduated Shapes, Add	*101.14*	
		For Steep Roof, Over 7 To 12, Add	*166.04*	
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,254.62	233.51
		For >50 To 75, Deduct	*-29.43*	
		For >75 To 100, Deduct	*-64.47*	
		For >100 To 200, Deduct	*-106.88*	
		For >200, Deduct	*-141.92*	
		For Graduated Shapes, Add	*110.36*	
		For Steep Roof, Over 7 To 12, Add	*166.04*	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,177.79	233.51
		For >50 To 75, Deduct	*-26.36*	
		For >75 To 100, Deduct	*-59.10*	
		For >100 To 200, Deduct	*-98.42*	
		For >200, Deduct	*-131.16*	
		For Graduated Shapes, Add	*98.84*	
		For Steep Roof, Over 7 To 12, Add	*166.04*	
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,131.69	233.51
		For >50 To 75, Deduct	*-24.51*	
		For >75 To 100, Deduct	*-55.87*	
		For >100 To 200, Deduct	*-93.35*	
		For >200, Deduct	*-124.71*	
		For Graduated Shapes, Add	*91.92*	
		For Steep Roof, Over 7 To 12, Add	*166.04*	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	2,091.86	233.51
		For >50 To 75, Deduct	*-62.92*	
		For >75 To 100, Deduct	*-123.08*	
		For >100 To 200, Deduct	*-198.97*	
		For >200, Deduct	*-259.13*	
		For Graduated Shapes, Add	*235.95*	
		For Steep Roof, Over 7 To 12, Add	*166.04*	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,177.79	233.51
		For >50 To 75, Deduct	*-26.36*	
		For >75 To 100, Deduct	*-59.10*	
		For >100 To 200, Deduct	*-98.42*	
		For >200, Deduct	*-131.16*	
		For Graduated Shapes, Add	*98.84*	
		For Steep Roof, Over 7 To 12, Add	*166.04*	

07 31 29 Wood Shingles And Shakes *(07 31)*

07 31 29 13 Wood Shingles *(07 31 29)*

07 31 29 13-0001 #1 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0001)*

07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	662.81	194.99
		For Steep Roof, Over 7 To 12, Add	*124.79*	
		For Pressure-Impregnated Treated (Preservative), Add	*40.93*	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	483.47	146.24
		For Steep Roof, Over 7 To 12, Add	*93.59*	
		For Pressure-Impregnated Treated (Preservative), Add	*28.65*	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	583.85	165.74
		For Steep Roof, Over 7 To 12, Add	*106.07*	
		For Pressure-Impregnated Treated (Preservative), Add	*37.86*	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	478.66	136.49
		For Steep Roof, Over 7 To 12, Add	*87.35*	
		For Pressure-Impregnated Treated (Preservative), Add	*30.85*	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	602.16	129.18
		For Steep Roof, Over 7 To 12, Add	*82.68*	
		For Pressure-Impregnated Treated (Preservative), Add	*51.57*	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	472.07	109.68
		For Steep Roof, Over 7 To 12, Add	*70.20*	
		For Pressure-Impregnated Treated (Preservative), Add	*37.91*	

07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0001)*

07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	487.40	175.49
		For Pressure-Impregnated Treated (Preservative), Add	*20.46*	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	473.33	165.74
		For Pressure-Impregnated Treated (Preservative), Add	*21.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0012	SQ	10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	468.11	143.81
		For Pressure-Impregnated Treated (Preservative), Add	*27.08*	

07 31 29 13-0013 #2 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0013)*

07 31 29 13-0015	SQ	3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	629.84	204.74
		For Steep Roof, Over 7 To 12, Add	*131.03*	
		For Pressure-Impregnated Treated (Preservative), Add	*33.06*	
07 31 29 13-0016	SQ	4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	563.31	185.24
		For Steep Roof, Over 7 To 12, Add	*118.55*	
		For Pressure-Impregnated Treated (Preservative), Add	*28.92*	
07 31 29 13-0017	SQ	4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	593.39	185.24
		For Steep Roof, Over 7 To 12, Add	*118.55*	
		For Pressure-Impregnated Treated (Preservative), Add	*33.44*	
07 31 29 13-0018	SQ	4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	529.77	165.74
		For Steep Roof, Over 7 To 12, Add	*106.07*	
		For Pressure-Impregnated Treated (Preservative), Add	*29.74*	
07 31 29 13-0019	SQ	5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	498.22	129.18
		For Steep Roof, Over 7 To 12, Add	*82.68*	
		For Pressure-Impregnated Treated (Preservative), Add	*35.98*	
07 31 29 13-0020	SQ	6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	411.07	112.12
		For Steep Roof, Over 7 To 12, Add	*71.76*	
		For Pressure-Impregnated Treated (Preservative), Add	*28.02*	

07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0013)*

07 31 29 13-0022	SQ	6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	480.67	185.24
		For Pressure-Impregnated Treated (Preservative), Add	*16.53*	
07 31 29 13-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	462.43	175.49
		For Pressure-Impregnated Treated (Preservative), Add	*16.72*	
07 31 29 13-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	437.91	155.99
		For Pressure-Impregnated Treated (Preservative), Add	*18.89*	

07 31 29 16 Wood Shakes *(07 31 29)*

07 31 29 16-0001 #1 Grade, Red Cedar Shakes *(07 31 29 16)*

07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs *(07 31 29 16-0001)*

07 31 29 16-0003	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	493.16	158.42
		For Steep Roof, Over 7 To 12, Add	*101.40*	
		For Pressure-Impregnated Treated (Preservative), Add	*26.45*	
07 31 29 16-0004	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	551.93	158.42
		For Steep Roof, Over 7 To 12, Add	*101.40*	
		For Pressure-Impregnated Treated (Preservative), Add	*35.26*	
07 31 29 16-0005	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	500.77	129.18
		For Steep Roof, Over 7 To 12, Add	*82.68*	
		For Pressure-Impregnated Treated (Preservative), Add	*36.36*	
07 31 29 16-0006	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	525.75	129.18
		For Steep Roof, Over 7 To 12, Add	*82.68*	
		For Pressure-Impregnated Treated (Preservative), Add	*40.11*	

07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls *(07 31 29 16-0001)*

07 31 29 16-0008	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	517.53	170.62
		For Pressure-Impregnated Treated (Preservative), Add	*26.45*	
07 31 29 16-0009	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	576.30	170.62
		For Pressure-Impregnated Treated (Preservative), Add	*35.26*	
07 31 29 16-0010	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	534.89	146.24
		For Pressure-Impregnated Treated (Preservative), Add	*36.36*	
07 31 29 16-0011	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	559.87	146.24
		For Pressure-Impregnated Treated (Preservative), Add	*40.11*	

07 31 29 19 Wood Shingles And Shakes Cap *(07 31 29)*

07 31 29 19-0001 Wood Hip And Ridge Cap For Wood Shingles Or Shakes *(07 31 29 19)*

07 31 29 19-0002	LF	Red Cedar Hip Or Ridge Cap For Wood Shingles Or Shakes	7.61	1.27
		For Steep Roof, Over 7 To 12, Add	*0.95*	
		For Pressure-Impregnated Treated (Preservative) Ridge, Add	*0.70*	

07 31 33 Composite Rubber Shingles *(07 31)*

07 31 33 00-0001	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black.	889.26	203.91
		For Purple Or Green Color, Add	*77.04*	
		For Brown Or Red Color, Add	*197.41*	
		For Steep Roof, Over 7 To 12, Add	*130.49*	
		For >50 To 75, Deduct	*-12.04*	
		For >75 To 100, Deduct	*-34.27*	
		For >100 To 200, Deduct	*-56.50*	
		For >200, Deduct	*-88.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 33 00-0002	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Fire resistant. Gray or black.	1,210.25	203.91
		For Purple, Green, Brown Or Red, Add	*120.37*	
		For Steep Roof, Over 7 To 12, Add	*130.49*	
		For >50 To 75, Deduct	*-20.06*	
		For >75 To 100, Deduct	*-50.32*	
		For >100 To 200, Deduct	*-80.57*	
		For >200, Deduct	*-121.03*	
07 31 33 00-0003	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black.	1,021.43	203.91
		For Purple, Green, Brown Or Red, Add	*220.92*	
		For Steep Roof, Over 7 To 12, Add	*130.49*	
		For >50 To 75, Deduct	*-15.34*	
		For >75 To 100, Deduct	*-40.88*	
		For >100 To 200, Deduct	*-66.41*	
		For >200, Deduct	*-102.14*	
07 31 33 00-0004	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.	1,276.33	203.91
		For Purple, Green, Brown Or Red, Add	*95.54*	
		For Steep Roof, Over 7 To 12, Add	*130.49*	
		For >50 To 75, Deduct	*-21.71*	
		For >75 To 100, Deduct	*-53.62*	
		For >100 To 200, Deduct	*-85.53*	
		For >200, Deduct	*-127.63*	
07 31 33 00-0005	LF	Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	12.15	1.36

07 32 Roof Tiles *(07 30)*

07 32 13 Clay Roof Tiles *(07 32)*

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure *(07 32 13)*

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	2,563.17	221.46
		For >25 To 50, Deduct	*-127.21*	
		For >50 To 75, Deduct	*-223.09*	
		For >75 To 100, Deduct	*-297.77*	
		For >100 To 200, Deduct	*-351.25*	
		For >200, Deduct	*-383.53*	
		For 20 Year Warranty, Add	*148.41*	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ	3,265.39	221.46
		For >25 To 50, Deduct	*-169.35*	
		For >50 To 75, Deduct	*-293.32*	
		For >75 To 100, Deduct	*-389.06*	
		For >100 To 200, Deduct	*-456.59*	
		For >200, Deduct	*-495.88*	
		For 20 Year Warranty, Add	*197.57*	
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	3,265.39	221.46
		For >25 To 50, Deduct	*-169.35*	
		For >50 To 75, Deduct	*-293.32*	
		For >75 To 100, Deduct	*-389.06*	
		For >100 To 200, Deduct	*-456.59*	
		For >200, Deduct	*-495.88*	
		For 20 Year Warranty, Add	*197.57*	
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ	3,861.22	221.46
		For >25 To 50, Deduct	*-205.10*	
		For >50 To 75, Deduct	*-352.90*	
		For >75 To 100, Deduct	*-466.52*	
		For >100 To 200, Deduct	*-545.96*	
		For >200, Deduct	*-591.22*	
		For 20 Year Warranty, Add	*239.28*	
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	3,039.29	270.77
		For >25 To 50, Deduct	*-149.87*	
		For >50 To 75, Deduct	*-263.31*	
		For >75 To 100, Deduct	*-351.79*	
		For >100 To 200, Deduct	*-415.28*	
		For >200, Deduct	*-453.79*	
		For 20 Year Warranty, Add	*174.84*	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	4,087.46	270.77
		For >25 To 50, Deduct	*-212.76*	
		For >50 To 75, Deduct	*-368.13*	
		For >75 To 100, Deduct	*-488.05*	
		For >100 To 200, Deduct	*-572.50*	
		For >200, Deduct	*-621.50*	
		For 20 Year Warranty, Add	*248.22*	
07 32 13 00-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ	5,148.74	365.29
		For >25 To 50, Deduct	*-265.10*	
		For >50 To 75, Deduct	*-460.10*	
		For >75 To 100, Deduct	*-610.91*	
		For >100 To 200, Deduct	*-717.53*	
		For >200, Deduct	*-779.98*	
		For 20 Year Warranty, Add	*309.29*	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	2,514.87	270.77
		For >25 To 50, Deduct	*-118.40*	
		For >50 To 75, Deduct	*-210.87*	
		For >75 To 100, Deduct	*-283.61*	
		For >100 To 200, Deduct	*-336.62*	
		For >200, Deduct	*-369.89*	
		For 20 Year Warranty, Add	*138.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0010	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	3,363.95	270.77
		For >25 To 50, Deduct	*-169.35*	
		For >50 To 75, Deduct	*-295.78*	
		For >75 To 100, Deduct	*-393.99*	
		For >100 To 200, Deduct	*-463.98*	
		For >200, Deduct	*-505.74*	
		For 20 Year Warranty, Add	*197.57*	
07 32 13 00-0011	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ	2,270.37	202.73
		For >25 To 50, Deduct	*-111.89*	
		For >50 To 75, Deduct	*-196.62*	
		For >75 To 100, Deduct	*-262.71*	
		For >100 To 200, Deduct	*-310.14*	
		For >200, Deduct	*-338.93*	
		For 20 Year Warranty, Add	*130.54*	
07 32 13 00-0012	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ	3,185.38	202.73
		For >25 To 50, Deduct	*-166.79*	
		For >50 To 75, Deduct	*-288.12*	
		For >75 To 100, Deduct	*-381.66*	
		For >100 To 200, Deduct	*-447.39*	
		For >200, Deduct	*-485.33*	
		For 20 Year Warranty, Add	*194.59*	
07 32 13 00-0013	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	3,972.73	202.73
		For >25 To 50, Deduct	*-214.03*	
		For >50 To 75, Deduct	*-366.86*	
		For >75 To 100, Deduct	*-484.01*	
		For >100 To 200, Deduct	*-565.50*	
		For >200, Deduct	*-611.31*	
		For 20 Year Warranty, Add	*249.70*	
07 32 13 00-0014	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ	4,522.00	317.80
		For >25 To 50, Deduct	*-233.18*	
		For >50 To 75, Deduct	*-404.53*	
		For >75 To 100, Deduct	*-537.01*	
		For >100 To 200, Deduct	*-630.63*	
		For >200, Deduct	*-685.38*	
		For 20 Year Warranty, Add	*272.05*	
07 32 13 00-0015	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ	1,648.15	221.46
		For >25 To 50, Deduct	*-72.31*	
		For >50 To 75, Deduct	*-131.59*	
		For >75 To 100, Deduct	*-178.82*	
		For >100 To 200, Deduct	*-214.00*	
		For >200, Deduct	*-237.13*	
		For 20 Year Warranty, Add	*84.36*	
07 32 13 00-0016	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ	2,128.05	317.80
		For >25 To 50, Deduct	*-89.55*	
		For >50 To 75, Deduct	*-165.14*	
		For >75 To 100, Deduct	*-225.80*	
		For >100 To 200, Deduct	*-271.54*	
		For >200, Deduct	*-302.35*	
		For 20 Year Warranty, Add	*104.47*	

07 32 16 Concrete Roof Tiles *(07 32)*

07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood *(07 32 16)*

Note: Includes 30 lb felt underlayment.

07 32 16 00-0002	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	904.58	335.70
		For >50 To 75, Deduct	*-9.32*	
		For >75 To 100, Deduct	*-33.10*	
		For >100 To 200, Deduct	*-59.21*	
		For >200, Deduct	*-82.99*	
		For Steep Roof, Over 7 To 12, Add	*214.88*	
07 32 16 00-0003	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,148.53	335.70
		For >50 To 75, Deduct	*-19.08*	
		For >75 To 100, Deduct	*-50.18*	
		For >100 To 200, Deduct	*-86.05*	
		For >200, Deduct	*-117.15*	
		For Steep Roof, Over 7 To 12, Add	*214.88*	
07 32 16 00-0004	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	953.37	335.70
		For >50 To 75, Deduct	*-11.27*	
		For >75 To 100, Deduct	*-36.52*	
		For >100 To 200, Deduct	*-64.58*	
		For >200, Deduct	*-89.82*	
		For Steep Roof, Over 7 To 12, Add	*214.88*	
07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	894.88	300.36
		For >50 To 75, Deduct	*-11.76*	
		For >75 To 100, Deduct	*-35.61*	
		For >100 To 200, Deduct	*-62.39*	
		For >200, Deduct	*-86.23*	
		For Steep Roof, Over 7 To 12, Add	*192.26*	

07 32 16 00-0006 Accessories *(07 32 16)*

07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	4.12
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	2.71
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	4.09
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	4.69
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	4.88

07 34 Roofing Underlayment *(07 30)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0001		**Mechanically Fastened, Roofing Underlayment** *(07 34)* Note: Standard slope.		
07 34 00 00-0002	SQ	15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	23.22	6.57
		For Steep Roof, Over 7 To 12, Add	*4.21*	
		For >50 To 75, Deduct	*-0.40*	
		For >75 To 100, Deduct	*-1.03*	
		For >100 To 200, Deduct	*-1.77*	
		For >200, Deduct	*-2.72*	
07 34 00 00-0003	SQ	30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	34.91	9.03
		For Steep Roof, Over 7 To 12, Add	*5.78*	
		For >50 To 75, Deduct	*-0.67*	
		For >75 To 100, Deduct	*-1.63*	
		For >100 To 200, Deduct	*-2.76*	
		For >200, Deduct	*-4.16*	
07 34 00 00-0004	SQ	30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	38.07	9.03
		For Steep Roof, Over 7 To 12, Add	*5.78*	
		For >50 To 75, Deduct	*-0.80*	
		For >75 To 100, Deduct	*-1.85*	
		For >100 To 200, Deduct	*-3.10*	
		For >200, Deduct	*-4.61*	
07 34 00 00-0005	SQ	Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	45.37	13.69
		For Steep Roof, Over 7 To 12, Add	*8.76*	
		For >50 To 75, Deduct	*-0.72*	
		For >75 To 100, Deduct	*-1.94*	
		For >100 To 200, Deduct	*-3.35*	
		For >200, Deduct	*-5.26*	
07 34 00 00-0006	SQ	17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	49.12	13.69
		For Steep Roof, Over 7 To 12, Add	*8.76*	
		For >50 To 75, Deduct	*-0.87*	
		For >75 To 100, Deduct	*-2.21*	
		For >100 To 200, Deduct	*-3.76*	
		For >200, Deduct	*-5.78*	
07 34 00 00-0007	SQ	25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	55.31	13.69
		For Steep Roof, Over 7 To 12, Add	*8.76*	
		For >50 To 75, Deduct	*-1.12*	
		For >75 To 100, Deduct	*-2.64*	
		For >100 To 200, Deduct	*-4.44*	
		For >200, Deduct	*-6.65*	
07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)	52.21	13.69
		For Steep Roof, Over 7 To 12, Add	*8.76*	
		For >50 To 75, Deduct	*-0.99*	
		For >75 To 100, Deduct	*-2.42*	
		For >100 To 200, Deduct	*-4.10*	
		For >200, Deduct	*-6.21*	
07 34 00 00-0009		**Self-Adhering, Roofing Underlayment** *(07 34)* Note: Standard slope.		
07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	84.54	16.61
		For Steep Roof, Over 7 To 12, Add	*10.62*	
		For >50 To 75, Deduct	*-2.05*	
		For >75 To 100, Deduct	*-4.42*	
		For >100 To 200, Deduct	*-7.31*	
		For >200, Deduct	*-10.51*	
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®)	120.40	16.61
		For Steep Roof, Over 7 To 12, Add	*10.62*	
		For >50 To 75, Deduct	*-3.49*	
		For >75 To 100, Deduct	*-6.93*	
		For >100 To 200, Deduct	*-11.25*	
		For >200, Deduct	*-15.53*	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	88.98	16.61
		For Steep Roof, Over 7 To 12, Add	*10.62*	
		For >50 To 75, Deduct	*-2.23*	
		For >75 To 100, Deduct	*-4.73*	
		For >100 To 200, Deduct	*-7.80*	
		For >200, Deduct	*-11.13*	
07 34 00 00-0013	SQ	65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal)	84.54	16.61
		For Steep Roof, Over 7 To 12, Add	*10.62*	
		For >50 To 75, Deduct	*-2.05*	
		For >75 To 100, Deduct	*-4.42*	
		For >100 To 200, Deduct	*-7.31*	
		For >200, Deduct	*-10.51*	
07 34 00 00-0014	SQ	45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	115.23	16.61
		For Steep Roof, Over 7 To 12, Add	*10.62*	
		For >50 To 75, Deduct	*-3.28*	
		For >75 To 100, Deduct	*-6.57*	
		For >100 To 200, Deduct	*-10.68*	
		For >200, Deduct	*-14.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0015	SQ	25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select)	99.03	16.61
		For Steep Roof, Over 7 To 12, Add	*10.62*	
		For >50 To 75, Deduct	*-2.63*	
		For >75 To 100, Deduct	*-5.44*	
		For >100 To 200, Deduct	*-8.90*	
		For >200, Deduct	*-12.54*	
07 34 00 00-0016	SQ	40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	140.78	16.61
		For Steep Roof, Over 7 To 12, Add	*10.62*	
		For >50 To 75, Deduct	*-4.30*	
		For >75 To 100, Deduct	*-8.36*	
		For >100 To 200, Deduct	*-13.49*	
		For >200, Deduct	*-18.38*	
07 34 00 00-0017	SQ	40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)	159.07	16.61
		For Steep Roof, Over 7 To 12, Add	*10.62*	
		For >50 To 75, Deduct	*-5.03*	
		For >75 To 100, Deduct	*-9.64*	
		For >100 To 200, Deduct	*-15.51*	
		For >200, Deduct	*-20.94*	
07 34 00 00-0018	SQ	30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	227.70	16.61
		For Steep Roof, Over 7 To 12, Add	*10.62*	
		For >50 To 75, Deduct	*-7.78*	
		For >75 To 100, Deduct	*-14.45*	
		For >100 To 200, Deduct	*-23.06*	
		For >200, Deduct	*-30.55*	

07 40 Roofing And Siding Panels *(07)*

07 41 Roof Panels *(07 40)*

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels *(07 41)*

07 41 13 00-0001 Exposed Fastener Metal Roofing *(07 41 13)*

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels *(07 41 13 00-0002)*

07 41 13 00-0004	SF	18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	7.39	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	
07 41 13 00-0005	SF	20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.72	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	
07 41 13 00-0006	SF	22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.26	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	
07 41 13 00-0007	SF	24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.80	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	
07 41 13 00-0008	SF	26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.42	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	
07 41 13 00-0009	SF	29 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.10	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	
07 41 13 00-0010	SF	30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	4.96	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	

07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories *(07 41 13 00-0002)*

See CSI section 07 41 13 00-0038 for accessories.

07 41 13 00-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing	25.84	3.63
		For Steep Roof, Over 7 To 12, Add	*4.61*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.14*	
07 41 13 00-0013	LF	Eave Flashing For Galvanized Steel Exposed Fastener Roofing	21.19	3.63
		For Steep Roof, Over 7 To 12, Add	*4.61*	
		For Fluoropolymer (Kynar®) Coating, Add	*0.68*	
07 41 13 00-0014	LF	Valley Flashing For Galvanized Steel Exposed Fastener Roofing	30.33	3.63
		For Steep Roof, Over 7 To 12, Add	*4.61*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.59*	
07 41 13 00-0015	LF	Hip Flashing For Galvanized Steel Exposed Fastener Roofing	26.25	3.63
		For Steep Roof, Over 7 To 12, Add	*4.61*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.18*	

07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels *(07 41 13 00-0016)*

07 41 13 00-0018	SF	0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	4.65	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0019	SF	0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	4.81	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	
07 41 13 00-0020	SF	0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	5.21	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	
07 41 13 00-0021	SF	0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	5.74	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	
07 41 13 00-0022	SF	0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	6.26	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	
07 41 13 00-0023	SF	0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	6.92	0.82
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
		For Steep Roof, Over 7 To 12, Add	*1.16*	

07 41 13 00-0024 Aluminum Exposed Fastener Metal Roof Accessories *(07 41 13 00-0016)*

07 41 13 00-0025	LF	Ridge Flashing For Aluminum Exposed Fastener Metal Roofing	23.25	3.63
		For Steep Roof, Over 7 To 12, Add	*2.90*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.42*	
07 41 13 00-0026	LF	Eave Flashing For Aluminum Exposed Fastener Metal Roofing	17.43	3.63
		For Steep Roof, Over 7 To 12, Add	*2.90*	
		For Fluoropolymer (Kynar®) Coating, Add	*0.84*	
07 41 13 00-0027	LF	Valley Flashing For Aluminum Exposed Fastener Metal Roofing	28.86	3.63
		For Steep Roof, Over 7 To 12, Add	*2.90*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
07 41 13 00-0028	LF	Hip Flashing For Aluminum Exposed Fastener Metal Roofing	23.76	3.63
		For Steep Roof, Over 7 To 12, Add	*2.90*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.47*	

07 41 13 00-0029 Standing Seam Roofs *(07 41 13)*

Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.

07 41 13 00-0030 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.

07 41 13 00-0031 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0030)*

07 41 13 00-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	10.02	1.92
		For Steep Roof, Over 6 To 12, Add	*1.44*	
		For 140 MPH Wind Load, Add	*0.59*	
		For Panels <16" Wide, Add	*1.39*	
		For Up To 1,500, Add	*2.51*	
		For >1,500 To 5,000, Add	*1.50*	
		For >5,000 To 10,000, Add	*0.25*	
07 41 13 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	10.51	1.92
		For Steep Roof, Over 6 To 12, Add	*1.44*	
		For 140 MPH Wind Load, Add	*0.60*	
		For Panels <16" Wide, Add	*1.42*	
		For Up To 1,500, Add	*2.63*	
		For >1,500 To 5,000, Add	*1.58*	
		For >5,000 To 10,000, Add	*0.26*	
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	9.59	1.92
		For Steep Roof, Over 6 To 12, Add	*1.44*	
		For 140 MPH Wind Load, Add	*0.58*	
		For Panels <16" Wide, Add	*1.37*	
		For Up To 1,500, Add	*2.40*	
		For >1,500 To 5,000, Add	*1.44*	
		For >5,000 To 10,000, Add	*0.24*	
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	9.76	1.92
		For Steep Roof, Over 6 To 12, Add	*1.44*	
		For 140 MPH Wind Load, Add	*0.58*	
		For Panels <16" Wide, Add	*1.38*	
		For Up To 1,500, Add	*2.44*	
		For >1,500 To 5,000, Add	*1.46*	
		For >5,000 To 10,000, Add	*0.24*	
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	9.95	1.92
		For Steep Roof, Over 6 To 12, Add	*1.44*	
		For 140 MPH Wind Load, Add	*0.58*	
		For Panels <16" Wide, Add	*1.39*	
		For Up To 1,500, Add	*2.49*	
		For >1,500 To 5,000, Add	*1.49*	
		For >5,000 To 10,000, Add	*0.25*	
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	10.67	1.92
		For Steep Roof, Over 6 To 12, Add	*1.44*	
		For 140 MPH Wind Load, Add	*0.60*	
		For Panels <16" Wide, Add	*1.42*	
		For Up To 1,500, Add	*2.67*	
		For >1,500 To 5,000, Add	*1.60*	
		For >5,000 To 10,000, Add	*0.27*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0038		**Accessories For Galvanized Steel Standing Seam Roofing** *(07 41 13 00-0030)*		
07 41 13 00-0039	LF	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	26.99	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*1.69*	
07 41 13 00-0040	LF	Eave Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	21.87	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*1.59*	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	31.93	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*1.79*	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	27.43	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*1.70*	
07 41 13 00-0043		**Aluminum Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0029)*		
		Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0044		**Aluminum Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0043)*		
07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	10.36	1.92
		For Steep Roof, Over 6 To 12, Add	*1.44*	
		For 140 MPH Wind Load, Add	*0.59*	
		For Panels <16" Wide, Add	*1.41*	
		For Up To 1,500, Add	*2.59*	
		For >1,500 To 5,000, Add	*1.55*	
		For >5,000 To 10,000, Add	*0.26*	
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	10.78	1.92
		For Steep Roof, Over 6 To 12, Add	*1.44*	
		For 140 MPH Wind Load, Add	*0.60*	
		For Panels <16" Wide, Add	*1.43*	
		For Up To 1,500, Add	*2.70*	
		For >1,500 To 5,000, Add	*1.62*	
		For >5,000 To 10,000, Add	*0.27*	
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	10.13	1.92
		For Steep Roof, Over 6 To 12, Add	*1.44*	
		For 140 MPH Wind Load, Add	*0.59*	
		For Panels <16" Wide, Add	*1.40*	
		For Up To 1,500, Add	*2.53*	
		For >1,500 To 5,000, Add	*1.52*	
		For >5,000 To 10,000, Add	*0.25*	
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	10.89	1.92
		For Steep Roof, Over 6 To 12, Add	*1.44*	
		For 140 MPH Wind Load, Add	*0.60*	
		For Panels <16" Wide, Add	*1.43*	
		For Up To 1,500, Add	*2.72*	
		For >1,500 To 5,000, Add	*1.63*	
		For >5,000 To 10,000, Add	*0.27*	
07 41 13 00-0049		**Accessories For Aluminum Standing Seam Roofing** *(07 41 13 00-0043)*		
07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing	30.02	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*1.75*	
07 41 13 00-0051	LF	Eave Flashing For Aluminum Standing Seam Concealed Fastener Roofing	23.61	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*1.63*	
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	36.19	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*1.88*	
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing	30.58	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*1.76*	
07 41 13 00-0054		**Stainless Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0029)*		
07 41 13 00-0055		**Stainless Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0054)*		
07 41 13 00-0056	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	19.19	2.88
		For Steep Roof, Over 6 To 12, Add	*2.16*	
		For 140 MPH Wind Load, Add	*0.96*	
		For Panels <16" Wide, Add	*2.29*	
		For Up To 1,500, Add	*4.80*	
		For >1,500 To 5,000, Add	*2.88*	
		For >5,000 To 10,000, Add	*0.48*	
07 41 13 00-0057	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	21.74	2.88
		For Steep Roof, Over 6 To 12, Add	*2.16*	
		For 140 MPH Wind Load, Add	*1.01*	
		For Panels <16" Wide, Add	*2.42*	
		For Up To 1,500, Add	*5.44*	
		For >1,500 To 5,000, Add	*3.26*	
		For >5,000 To 10,000, Add	*0.54*	
07 41 13 00-0058	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	24.76	2.88
		For Steep Roof, Over 6 To 12, Add	*2.16*	
		For 140 MPH Wind Load, Add	*1.07*	
		For Panels <16" Wide, Add	*2.57*	
		For Up To 1,500, Add	*6.19*	
		For >1,500 To 5,000, Add	*3.71*	
		For >5,000 To 10,000, Add	*0.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0059	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	28.64	2.88
		For Steep Roof, Over 6 To 12, Add	*2.16*	
		For 140 MPH Wind Load, Add	*1.15*	
		For Panels <16" Wide, Add	*2.76*	
		For Up To 1,500, Add	*7.16*	
		For >1,500 To 5,000, Add	*4.30*	
		For >5,000 To 10,000, Add	*0.72*	
07 41 13 00-0060		Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0054)*		
07 41 13 00-0061	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	63.03	5.76
		For Steep Roof, Over 6 To 12, Add	*4.87*	
		For 140 MPH Wind Load, Add	*2.56*	
07 41 13 00-0062	LF	Eave Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	40.36	5.76
		For Steep Roof, Over 6 To 12, Add	*4.87*	
		For 140 MPH Wind Load, Add	*2.10*	
07 41 13 00-0063	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	84.46	5.76
		For Steep Roof, Over 6 To 12, Add	*4.87*	
		For 140 MPH Wind Load, Add	*2.99*	
07 41 13 00-0064	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	64.72	5.76
		For Steep Roof, Over 6 To 12, Add	*4.87*	
		For 140 MPH Wind Load, Add	*2.59*	
07 41 13 00-0065		Metal Roof Surfacing *(07 41 13)*		
07 41 13 00-0066	SF	Acrylic, Metal Roof Primer, One Coat	0.32	
		For Steep Roof, Over 7 To 12, Add	*0.05*	
07 41 13 00-0067	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat Note: 55% solids by volume.	0.47	
		For Steep Roof, Over 7 To 12, Add	*0.05*	
07 41 33		**Plastic Roof Panels** *(07 41)*		
07 41 33 00-0001		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33)*		
07 41 33 00-0002		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33 00-0001)*		
07 41 33 00-0003	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide	5.15	1.83
07 41 33 00-0004	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide	4.91	1.65
07 41 33 00-0005	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide	5.32	1.83
07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide	5.05	1.65
07 41 33 00-0007		Polyvinyl Chloride (PVC) Roofing Accessories *(07 41 33 00-0001)*		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim	3.22	1.36
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim	4.49	1.36
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket	4.86	1.36
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket	3.87	1.36
07 41 33 00-0012		Fiberglass Roofing Panel *(07 41 33)*		
07 41 33 00-0013		Corrugated Panels *(07 41 33 00-0012)*		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel	5.24	1.47
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel	5.98	1.47
07 42		Wall Panels *(07 40)*		
07 42 13		**Metal Wall Panels** *(07 42)*		
07 42 13 19		**Insulated Metal Wall Panels** *(07 42 13)*		
07 42 13 19-0001		Insulated Panels For Sash/Window Replacement *(07 42 13 19)* Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement	16.02	3.90
		For Non-Insulated Panels, Deduct	*-2.04*	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement	17.42	4.38
		For Non-Insulated Panels, Deduct	*-2.18*	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement	18.66	4.87
		For Non-Insulated Panels, Deduct	*-2.32*	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement	19.99	5.07
		For Non-Insulated Panels, Deduct	*-2.46*	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement	22.52	5.56
		For Non-Insulated Panels, Deduct	*-2.86*	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement	25.90	6.14
		For Non-Insulated Panels, Deduct	*-3.43*	
07 42 13 23		**Metal Composite Material Wall Panels** *(07 42 13)*		
07 42 13 23-0001		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels *(07 42 13 23)* Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 13 23-0002	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	15.12	2.09
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0003	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	17.07	2.36
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0004	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	18.72	2.67
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0005	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	21.08	3.54
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

07 42 63 Fabricated Wall Panel Assemblies *(07 42)*

07 42 63 00-0001 Insulated Freezer And Chiller Panels *(07 42 63)*
Note: Excludes suspension system for ceiling support.

07 42 63 00-0002 Polyurethane Sandwich Panel *(07 42 63 00-0001)*
Note: With 22 gauge galvanized sheet metal face excludes painting.

07 42 63 00-0003	SF	2" 22 Gauge Freezer Panel Sheet Metal Both Faces	15.71	1.52
07 42 63 00-0004	SF	3" 22 Gauge Freezer Panel Sheet Metal Both Faces	16.62	1.52
07 42 63 00-0005	SF	4" 22 Gauge Freezer Panel Sheet Metal Both Faces	19.72	1.52
07 42 63 00-0006	SF	5" 22 Gauge Freezer Panel Sheet Metal Both Faces	21.33	1.61
07 42 63 00-0007	SF	6" 22 Gauge Freezer Panel Sheet Metal Both Faces	22.65	1.61
07 42 63 00-0008	SF	2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	14.07	1.26
07 42 63 00-0009	SF	3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	15.28	1.26
07 42 63 00-0010	SF	4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	18.37	1.35
07 42 63 00-0011	SF	5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	17.83	1.35
07 42 63 00-0012	SF	6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	20.94	1.35

07 42 63 00-0013 Polyurethane Sandwich Panel *(07 42 63 00-0001)*
Note: With .040 aluminum baked enamel finish.

07 42 63 00-0014	SF	2" Freezer Panel 0.040" Aluminum Finish Both Faces	10.45	1.52
07 42 63 00-0015	SF	3" Freezer Panel 0.040" Aluminum Finish Both Faces	11.13	1.52
07 42 63 00-0016	SF	4" Freezer Panel 0.040" Aluminum Finish Both Faces	12.90	1.52
07 42 63 00-0017	SF	5" Freezer Panel 0.040" Aluminum Finish Both Faces	14.01	1.61
07 42 63 00-0018	SF	6" Freezer Panel 0.040" Aluminum Finish Both Faces	14.80	1.61
07 42 63 00-0019	SF	2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.35	1.26
07 42 63 00-0020	SF	3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	10.02	1.26
07 42 63 00-0021	SF	4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	10.76	1.35
07 42 63 00-0022	SF	5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	12.52	1.35
07 42 63 00-0023	SF	6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	13.62	1.35

07 46 Siding *(07 40)*

07 46 16 Aluminum Siding *(07 46)*
Note: Includes all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001 Aluminum Coil Stock Cladding *(07 46 16)*
Note: Per SF of board, includes overlappage.

07 46 16 00-0002	SF	0.016" Thick, Aluminum Clad Siding	8.78	3.22
07 46 16 00-0003	SF	0.019" Thick, Aluminum Clad Siding	8.86	3.22
07 46 16 00-0004	SF	0.024" Thick, Aluminum Clad Siding	9.01	3.22

07 46 16 00-0005 Aluminum Siding Panels *(07 46 16)*

07 46 16 00-0006 Corrugated Aluminum Siding Panels *(07 46 16 00-0005)*
Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0007	SF	0.019", Painted Finish, Corrugated Aluminum Siding Panel	5.73	1.81
07 46 16 00-0008	SF	0.021", Painted Finish, Corrugated Aluminum Siding Panel	5.93	1.81
07 46 16 00-0009	SF	0.024", Painted Finish, Corrugated Aluminum Siding Panel	6.56	1.81
07 46 16 00-0010	SF	0.032", Painted Finish, Corrugated Aluminum Siding Panel	7.78	1.81

07 46 16 00-0011 V- Beam Aluminum Siding Panels *(07 46 16 00-0005)*
Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0012	SF	0.032", Painted Finish, V- Beam Aluminum Siding Panel	7.73	1.81
07 46 16 00-0013	SF	0.040", Painted Finish, V- Beam Aluminum Siding Panel	8.54	1.81
07 46 16 00-0014	SF	0.050", Painted Finish, V- Beam Aluminum Siding Panel	10.48	1.81

07 46 16 00-0015 Box Ribbed Aluminum Siding Panels *(07 46 16 00-0005)*
Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.

07 46 16 00-0016	SF	0.032", Painted Finish, Box Ribbed Aluminum Siding Panel	8.09	1.81
07 46 16 00-0017	SF	0.040", Painted Finish, Box Ribbed Aluminum Siding Panel	8.88	1.81
07 46 16 00-0018	SF	0.050", Painted Finish, Box Ribbed Aluminum Siding Panel	9.36	1.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 16 00-0019		**Aluminum Soffit And Fascia** *(07 46 16)* Note: Excludes J-channel.		
07 46 16 00-0020	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	3.60	1.37
		For 0.015" Thick, Deduct	*-0.06*	
07 46 16 00-0021	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.31	1.44
		For 0.015" Thick, Deduct	*-0.10*	
07 46 16 00-0022	LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.67	1.47
		For 0.015" Thick, Deduct	*-0.11*	
07 46 16 00-0023	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.67	1.55
		For 0.015" Thick, Deduct	*-0.17*	
07 46 16 00-0024	LF	2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.84	1.70
		For 0.015" Thick, Deduct	*-0.25*	
07 46 16 00-0025	LF	3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	8.90	1.87
		For 0.015" Thick, Deduct	*-0.36*	
07 46 16 00-0026	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	10.99	2.07
		For 0.015" Thick, Deduct	*-0.50*	
07 46 16 00-0027	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	13.12	2.27
		For 0.015" Thick, Deduct	*-0.61*	
07 46 16 00-0028	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	4.07	1.34
07 46 16 00-0029	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	4.41	1.37
07 46 16 00-0030	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	5.07	1.41
07 46 16 00-0031	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	5.77	1.44
07 46 16 00-0032		**Aluminum Siding Accessories** *(07 46 16)*		
07 46 16 00-0033	LF	3/8" Pocket, Aluminum J-Channel	2.86	1.28
07 46 16 00-0034	LF	1/2" Pocket, Aluminum J-Channel	2.86	1.28
07 46 16 00-0035	LF	3/4" Pocket, Aluminum J-Channel	3.25	1.28
07 46 16 00-0036	LF	3/8" Pocket, Aluminum F-Channel	2.95	1.28
07 46 16 00-0037	LF	1/2" Pocket, Aluminum F-Channel	2.95	1.28
07 46 19		**Steel Siding** *(07 46)* Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 19 00-0001		**Steel Siding Panels** *(07 46 19)*		
07 46 19 00-0002		**Corrugated Steel Siding Panels** *(07 46 19 00-0001)* Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0003	SF	20 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.95	1.81
		For Galvanized Instead Of Painted Steel, Add	*1.08*	
07 46 19 00-0004	SF	22 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.38	1.81
		For Galvanized Instead Of Painted Steel, Add	*0.94*	
07 46 19 00-0005	SF	24 Gauge, Painted Finish, Corrugated Steel Siding Panel	7.23	1.81
		For Galvanized Instead Of Painted Steel, Add	*0.90*	
07 46 19 00-0006	SF	26 Gauge, Painted Finish, Corrugated Steel Siding Panel	5.53	1.81
		For Galvanized Instead Of Painted Steel, Add	*0.48*	
07 46 19 00-0007	SF	28 Gauge, Painted Finish, Corrugated Steel Siding Panel	5.41	1.81
		For Galvanized Instead Of Painted Steel, Add	*0.45*	
07 46 19 00-0008	SF	30 Gauge, Painted Finish, Corrugated Steel Siding Panel	5.33	1.81
		For Galvanized Instead Of Painted Steel, Add	*0.43*	
07 46 19 00-0009		**Box Ribbed Steel Siding Panels** *(07 46 19 00-0001)* Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010	SF	20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	7.52	1.81
		For Galvanized Instead Of Painted Steel, Add	*0.97*	
07 46 19 00-0011	SF	22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	7.26	1.81
		For Galvanized Instead Of Painted Steel, Add	*0.91*	
07 46 19 00-0012	SF	24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	7.09	1.81
		For Galvanized Instead Of Painted Steel, Add	*0.87*	
07 46 19 00-0013	SF	26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	6.80	1.81
		For Galvanized Instead Of Painted Steel, Add	*0.79*	
07 46 19 00-0014	SF	28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	6.18	1.81
		For Galvanized Instead Of Painted Steel, Add	*0.64*	
07 46 19 00-0015		**Clapboard Steel Siding Panels** *(07 46 19 00-0001)* Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016	SF	29 Gauge, Painted Finish, Clapboard Steel Siding Panel	4.55	0.91
07 46 23		**Wood Siding** *(07 46)* Note: Includes all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001		**Wood Lap Siding** *(07 46 23)*		
07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding	3.21	1.33
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding	3.49	1.42
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding	3.80	1.52
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	3.36	1.33
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better	3.63	1.33
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding	4.22	1.33
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding	4.45	1.33
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding	4.12	1.33
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	3.37	1.42
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic	3.37	1.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 23 00-0012		Tongue And Groove Siding *(07 46 23)*		
07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding	3.19	1.33
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding	3.43	1.33
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding	3.24	1.33
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding	3.57	1.33
07 46 29		**Plywood Siding** *(07 46)*		
		Note: Includes all necessary furring strips, trim for corners, windows and doors.		
07 46 29 00-0001		T-111 Siding *(07 46 29)*		
07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	2.36	0.69
		For Pressure Treated, Add	*0.18*	
07 46 33		**Plastic Siding** *(07 46)*		
		Note: Includes all necessary furring strips, trim for corners, windows and doors.		
07 46 33 00-0001		Vinyl Siding *(07 46 33)*		
		Note: Includes standard manufacturer's colors.		
07 46 33 00-0002		Vinyl Siding Panels *(07 46 33 00-0001)*		
		Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003		Horizontal Vinyl Siding Panels *(07 46 33 00-0002)*		
		Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.23	1.67
		For 0.040" Thick, Deduct	*-0.13*	
		For 0.042" Thick, Deduct	*0.07*	
		For 0.046" Thick, Add	*0.36*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.03	1.57
		For 0.040" Thick, Deduct	*-0.13*	
		For 0.042" Thick, Deduct	*0.07*	
		For 0.046" Thick, Add	*0.36*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.89	1.50
		For 0.040" Thick, Deduct	*-0.13*	
		For 0.042" Thick, Deduct	*0.07*	
		For 0.046" Thick, Add	*0.36*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.74	1.43
		For 0.040" Thick, Deduct	*-0.13*	
		For 0.042" Thick, Deduct	*0.07*	
		For 0.046" Thick, Add	*0.36*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	3.54	1.33
		For 0.040" Thick, Deduct	*-0.13*	
		For 0.042" Thick, Deduct	*0.07*	
		For 0.046" Thick, Add	*0.36*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0009		Vertical Vinyl Siding Panels *(07 46 33 00-0002)*		
07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel	4.91	1.67
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0011		Vinyl Siding Accessories *(07 46 33 00-0001)*		
07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding	4.81	1.28
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding	8.26	1.28
		For Manufacturer's Custom Colors, Add	*0.29*	
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding	3.94	1.28
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding	4.67	1.28
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding	3.05	1.28
		For Manufacturer's Custom Colors, Add	*0.03*	
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding	2.88	1.28
		For Manufacturer's Custom Colors, Add	*0.03*	
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding	2.85	1.28
		For Manufacturer's Custom Colors, Add	*0.02*	
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding	2.96	1.28
		For Manufacturer's Custom Colors, Add	*0.03*	
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding	3.44	1.28
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding	3.69	1.28
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding	4.21	1.28
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding	2.83	1.28
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0024	LF	3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	6.20	1.77
		For Manufacturer's Custom Colors, Add	*0.13*	
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineal Trim For Vinyl Siding	6.44	1.77
		For Manufacturer's Custom Colors, Add	*0.15*	
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	6.97	1.77
		For Manufacturer's Custom Colors, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding	3.81	1.28
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding	4.57	1.28
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding	4.02	1.28
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0030		Vinyl Soffit And Fascia *(07 46 33 00-0001)*		
		Note: Excludes J-channel.		
07 46 33 00-0031	LF	6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	3.55	1.37
		For 0.038" Thick, Deduct	*-0.37*	
		For 0.040" Thick, Deduct	*-0.31*	
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0032	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.23	1.44
		For 0.038" Thick, Deduct	*-0.62*	
		For 0.040" Thick, Deduct	*-0.52*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0033	LF	1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.58	1.47
		For 0.038" Thick, Deduct	*-0.73*	
		For 0.040" Thick, Deduct	*-0.61*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0034	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	5.53	1.55
		For 0.038" Thick, Deduct	*-1.12*	
		For 0.040" Thick, Deduct	*-0.92*	
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0035	LF	2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	6.65	1.70
		For 0.038" Thick, Deduct	*-1.49*	
		For 0.040" Thick, Deduct	*-1.25*	
		For Manufacturer's Custom Colors, Add	*0.16*	
07 46 33 00-0036	LF	3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	8.62	1.87
		For 0.038" Thick, Deduct	*-2.24*	
		For 0.040" Thick, Deduct	*-1.86*	
		For Manufacturer's Custom Colors, Add	*0.24*	
07 46 33 00-0037	LF	4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	10.61	2.07
		For 0.038" Thick, Deduct	*-2.97*	
		For 0.040" Thick, Deduct	*-2.49*	
		For Manufacturer's Custom Colors, Add	*0.33*	
07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	12.66	2.27
		For 0.038" Thick, Deduct	*-3.72*	
		For 0.040" Thick, Deduct	*-3.13*	
		For Manufacturer's Custom Colors, Add	*0.41*	
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia	3.65	1.34
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia	4.00	1.37
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia	3.98	1.41
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia	4.47	1.44
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0043		Fiberglass Siding *(07 46 33)*		
07 46 33 00-0044		Corrugated Panels *(07 46 33 00-0043)*		
07 46 33 00-0045	SF	6 Ounce Corrugated Fiberglass Panels	5.52	1.97
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels	5.84	1.77
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels	6.41	1.77
07 46 33 00-0048		Flat Panels *(07 46 33 00-0043)*		
07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels	5.32	1.77
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels	5.84	1.77
07 46 46		**Fiber-Cement Siding** *(07 46)*		
		Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001		5/16" Thick, Fiber Cement Lap Siding *(07 46 46)*		
07 46 46 00-0002	SF	5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.57	2.07
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.31	1.97
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.19	1.91
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.06	1.86
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.84	1.77
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	4.61	1.67
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding	1.21	0.49
07 46 46 00-0009		Fiber Cement Shingle Siding *(07 46 46)*		
07 46 46 00-0010	SF	Fiber Cement Shingle Siding	8.07	1.81
07 46 46 00-0011		Fiber Cement Vertical Panel Siding *(07 46 46)*		
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding	4.09	1.47
07 46 46 00-0013		Fiber Cement Trim Boards *(07 46 46)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46 00-0014		**7/16" Thick, Fiber Cement Trim Boards** *(07 46 46 00-0013)*		
07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board	2.67	0.98
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board	3.33	1.08
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board	3.97	1.18
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board	5.16	1.38
07 46 46 00-0019		**3/4" Thick Fiber Cement Trim Boards** *(07 46 46 00-0013)*		
07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board	2.79	0.98
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board	3.51	1.08
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board	4.27	1.18
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board	4.51	1.38
07 46 46 00-0024		**1" Thick Fiber Cement Trim Boards** *(07 46 46 00-0013)*		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board	2.94	0.98
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board	3.77	1.08
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board	4.65	1.18
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board	6.13	1.38
07 46 46 00-0029		**Fiber Cement Fascia Board** *(07 46 46)*		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board	4.86	1.95
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	5.86	2.16
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	6.34	2.16
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	8.15	2.54
07 46 46 00-0034		**Fiber Cement Soffit Boards** *(07 46 46)*		
07 46 46 00-0035	SF	1/4" Thick, Non Vented Fiber Cement Soffit	5.10	1.41
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	5.39	1.41

07 46 63 Fabricated Panel Assemblies With Siding *(07 46)*

07 46 63 00-0001 Metal Liner Panels *(07 46 63)*

07 46 63 00-0002 Galvanized Metal Liner Panels *(07 46 63 00-0001)*

07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	9.71	1.56
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	10.77	1.56
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	12.66	1.56
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	12.86	1.56

07 50 Membrane Roofing *(07)*

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing *(07 50)*

07 51 13 Built-Up Asphalt Roofing *(07 51)*

07 51 13 00-0001 Built-Up Asphalt Roofing Components *(07 51 13)*

07 51 13 00-0002 Built-Up Asphalt Membrane Roofing *(07 51 13 00-0001)*
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.

07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*
Note: Includes applying cold adhesive and embedding the membrane.

07 51 13 00-0004 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0003)*

07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	64.45
		For Up To 10, Add	*18.72*
		For >10 To 20, Add	*10.82*
		For >20 To 40, Add	*6.14*
		For >75 To 100, Deduct	*-3.07*
		For >100 To 200, Deduct	*-6.87*
		For >200, Deduct	*-9.94*
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	156.46
		For Up To 10, Add	*37.12*
		For >10 To 20, Add	*20.02*
		For >20 To 40, Add	*10.74*
		For >75 To 100, Deduct	*-5.37*
		For >100 To 200, Deduct	*-11.47*
		For >200, Deduct	*-16.84*

07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0003)*

07 51 13 00-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	4.19

07 51 13 00-0009 Hot-Mopped, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*
Note: Includes mopping hot asphalt and embedding the membrane.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0010		Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0009)*		
07 51 13 00-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	50.90	
		For Up To 10, Add	*16.10*	
		For >10 To 20, Add	*9.53*	
		For >20 To 40, Add	*5.51*	
		For >75 To 100, Deduct	*-2.75*	
		For >100 To 200, Deduct	*-6.25*	
		For >200, Deduct	*-9.00*	
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	53.52	
		For Up To 10, Add	*16.63*	
		For >10 To 20, Add	*9.79*	
		For >20 To 40, Add	*5.64*	
		For >75 To 100, Deduct	*-2.82*	
		For >100 To 200, Deduct	*-6.38*	
		For >200, Deduct	*-9.20*	
07 51 13 00-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	56.51	
		For Up To 10, Add	*17.22*	
		For >10 To 20, Add	*10.09*	
		For >20 To 40, Add	*5.79*	
		For >75 To 100, Deduct	*-2.89*	
		For >100 To 200, Deduct	*-6.53*	
		For >200, Deduct	*-9.42*	
07 51 13 00-0014	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	89.57	
		For Up To 10, Add	*23.84*	
		For >10 To 20, Add	*13.40*	
		For >20 To 40, Add	*7.44*	
		For >75 To 100, Deduct	*-3.72*	
		For >100 To 200, Deduct	*-8.18*	
		For >200, Deduct	*-11.90*	
07 51 13 00-0015	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	142.91	
		For Up To 10, Add	*34.50*	
		For >10 To 20, Add	*18.73*	
		For >20 To 40, Add	*10.11*	
		For >75 To 100, Deduct	*-5.05*	
		For >100 To 200, Deduct	*-10.85*	
		For >200, Deduct	*-15.90*	
07 51 13 00-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	112.56	
		For Up To 10, Add	*29.00*	
		For >10 To 20, Add	*16.12*	
		For >20 To 40, Add	*8.87*	
		For >75 To 100, Deduct	*-4.44*	
		For >100 To 200, Deduct	*-9.68*	
		For >200, Deduct	*-14.12*	
07 51 13 00-0017		Hot-Mopped, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0009)*		
07 51 13 00-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	2.95	
07 51 13 00-0019		Mechanically Fastened, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*		
		Note: Includes fasteners.		
07 51 13 00-0020		Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0019)*		
07 51 13 00-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened	46.53	
		For Up To 10, Add	*12.22*	
		For >10 To 20, Add	*6.84*	
		For >20 To 40, Add	*3.78*	
		For >75 To 100, Deduct	*-1.89*	
		For >100 To 200, Deduct	*-4.15*	
		For >200, Deduct	*-6.04*	
07 51 13 00-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened	82.57	
		For Up To 10, Add	*19.43*	
		For >10 To 20, Add	*10.44*	
		For >20 To 40, Add	*5.58*	
		For >75 To 100, Deduct	*-2.79*	
		For >100 To 200, Deduct	*-5.95*	
		For >200, Deduct	*-8.74*	
07 51 13 00-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	135.92	
		For Up To 10, Add	*30.10*	
		For >10 To 20, Add	*15.78*	
		For >20 To 40, Add	*8.25*	
		For >75 To 100, Deduct	*-4.13*	
		For >100 To 200, Deduct	*-8.62*	
		For >200, Deduct	*-12.74*	
07 51 13 00-0024		Mechanically Fastened, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0019)*		
07 51 13 00-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	3.40	
07 51 13 00-0026		Asphalt Saturated Organic Felt *(07 51 13 00-0001)*		
07 51 13 00-0027		Cold Adhesive Applied, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*		
		Note: Includes applying cold adhesive and embedding the felt.		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0028	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	62.81	
		For Up To 10, Add	*18.39*	
		For >10 To 20, Add	*10.65*	
		For >20 To 40, Add	*6.06*	
		For >75 To 100, Deduct	*-3.03*	
		For >100 To 200, Deduct	*-6.78*	
		For >200, Deduct	*-9.81*	
07 51 13 00-0029	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	69.58	
		For Up To 10, Add	*19.75*	
		For >10 To 20, Add	*11.33*	
		For >20 To 40, Add	*6.39*	
		For >75 To 100, Deduct	*-3.20*	
		For >100 To 200, Deduct	*-7.12*	
		For >200, Deduct	*-10.32*	

07 51 13 00-0030 Hot-Mopped, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*

Note: Includes mopping hot asphalt and embedding the felt.

07 51 13 00-0031	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	49.26	
		For Up To 10, Add	*15.77*	
		For >10 To 20, Add	*9.37*	
		For >20 To 40, Add	*5.42*	
		For >75 To 100, Deduct	*-2.71*	
		For >100 To 200, Deduct	*-6.16*	
		For >200, Deduct	*-8.88*	
07 51 13 00-0032	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	56.03	
		For Up To 10, Add	*17.13*	
		For >10 To 20, Add	*10.04*	
		For >20 To 40, Add	*5.76*	
		For >75 To 100, Deduct	*-2.88*	
		For >100 To 200, Deduct	*-6.50*	
		For >200, Deduct	*-9.38*	

07 51 13 00-0033 Mechanically Fastened, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*

Note: Includes fasteners.

07 51 13 00-0034	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	24.63	
		For Up To 10, Add	*7.84*	
		For >10 To 20, Add	*4.65*	
		For >20 To 40, Add	*2.69*	
		For >75 To 100, Deduct	*-1.34*	
		For >100 To 200, Deduct	*-3.05*	
		For >200, Deduct	*-4.40*	
07 51 13 00-0035	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	31.40	
		For Up To 10, Add	*9.19*	
		For >10 To 20, Add	*5.32*	
		For >20 To 40, Add	*3.03*	
		For >75 To 100, Deduct	*-1.51*	
		For >100 To 200, Deduct	*-3.39*	
		For >200, Deduct	*-4.90*	

07 51 13 00-0036 Surfacing *(07 51 13 00-0001)*

07 51 13 00-0037	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	113.84	
		For Up To 10, Add	*37.34*	
		For >10 To 20, Add	*22.32*	
		For >20 To 40, Add	*12.98*	
		For >75 To 100, Deduct	*-6.49*	
		For >100 To 200, Deduct	*-14.80*	
		For >200, Deduct	*-21.29*	
07 51 13 00-0038	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	153.66	
		For Up To 10, Add	*45.31*	
		For >10 To 20, Add	*26.30*	
		For >20 To 40, Add	*14.97*	
		For >75 To 100, Deduct	*-7.49*	
		For >100 To 200, Deduct	*-16.79*	
		For >200, Deduct	*-24.28*	
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness Note: Excludes hot asphalt or cold adhesive.	130.10	
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.	32.70	
		For Up To 10, Add	*8.46*	
		For >10 To 20, Add	*4.71*	
		For >20 To 40, Add	*2.60*	
		For >75 To 100, Deduct	*-1.30*	
		For >100 To 200, Deduct	*-2.84*	
		For >200, Deduct	*-4.14*	
07 51 13 00-0041	SQ	Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.	66.44	
		For Up To 10, Add	*16.79*	
		For >10 To 20, Add	*9.27*	
		For >20 To 40, Add	*5.07*	
		For >75 To 100, Deduct	*-2.54*	
		For >100 To 200, Deduct	*-5.51*	
		For >200, Deduct	*-8.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.	59.86	
		For Up To 10, Add	*15.47*	
		For >10 To 20, Add	*8.61*	
		For >20 To 40, Add	*4.74*	
		For >75 To 100, Deduct	*-2.37*	
		For >100 To 200, Deduct	*-5.18*	
		For >200, Deduct	*-7.55*	
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over smooth-surfaced built-up roofs.	77.83	
		For Up To 10, Add	*19.06*	
		For >10 To 20, Add	*10.41*	
		For >20 To 40, Add	*5.64*	
		For >75 To 100, Deduct	*-2.82*	
		For >100 To 200, Deduct	*-6.08*	
		For >200, Deduct	*-8.90*	
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	78.41	
		For Up To 10, Add	*19.18*	
		For >10 To 20, Add	*10.46*	
		For >20 To 40, Add	*5.67*	
		For >75 To 100, Deduct	*-2.83*	
		For >100 To 200, Deduct	*-6.11*	
		For >200, Deduct	*-8.94*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*21.85*	
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	80.83	
		For Up To 10, Add	*19.66*	
		For >10 To 20, Add	*10.71*	
		For >20 To 40, Add	*5.79*	
		For >75 To 100, Deduct	*-2.90*	
		For >100 To 200, Deduct	*-6.23*	
		For >200, Deduct	*-9.12*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*22.65*	
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	1.54	
07 51 13 00-0047	SF	Energy Star, Ceramic Coated Roofing Granules, Hand Broadcast Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	3.08	
07 51 13 00-0048	SQ	Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™)	28.01	

07 51 13 00-0049 Walkway Pads *(07 51 13 00-0001)*

Note: Set in hot asphalt or cold adhesive.

07 51 13 00-0050	LF	5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	16.32	
07 51 13 00-0051	LF	1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	19.15	

07 51 13 00-0052 Cant And Tapered Edge Strips *(07 51 13 00-0001)*

07 51 13 00-0053	LF	2" x 2" Perlite Cant Strip	3.20	
07 51 13 00-0054	LF	3" x 3" Perlite Cant Strip	3.27	
07 51 13 00-0055	LF	4" x 4" Perlite Cant Strip	3.57	
07 51 13 00-0056	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	3.24	
07 51 13 00-0057	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	3.33	
07 51 13 00-0058	LF	1/2" x 6" Perlite Tapered Edge Strip	3.59	
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip	3.95	
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip	4.05	
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip	4.42	
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip	4.38	
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip	5.05	
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip	5.54	

07 51 13 00-0065 Asphalt Primer *(07 51 13 00-0001)*

07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.	26.33	

07 51 13 00-0067 Demolish Built-Up Roofing *(07 51 13 00-0001)*

Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.). See CSI section 01 74 19 00-0000 for chutes, dumpsters and hauling.

07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System	306.10	
		For Up To 10, Add	*76.01*	
		For >10 To 25, Add	*45.61*	
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System Note: Includes protective surfacing.	236.14	
		For Up To 10, Add	*58.64*	
		For >10 To 25, Add	*35.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0070		**Roofing System Warranty** *(07 51 13 00-0001)* Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	361.48	
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	5.16	
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	413.12	
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	8.26	
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	568.04	
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	11.36	
07 51 13 00-0077		**Built-Up Roofing Components (Tremco)** *(07 51 13)* Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0078		**Cold Applied BUR Base Plies And Ply Sheets** *(07 51 13 00-0077)*		
07 51 13 00-0079	SQ	BURmastic Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.	88.57	
07 51 13 00-0080	SQ	BURmastic Premium Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	107.08	
07 51 13 00-0081	SQ	BURmastic Supreme Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	118.38	
07 51 13 00-0082	SQ	28 LB BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	27.42	
07 51 13 00-0083	SQ	33 LB BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	39.25	
07 51 13 00-0084	SQ	POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	159.52	
07 51 13 00-0085	SQ	POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component Note: A smooth surfaced, non woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	147.64	
07 51 13 00-0086		**Hot Or Cold Applied Modified Bitumen Cap Membrane** *(07 51 13 00-0077)*		
07 51 13 00-0087	SQ	POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	92.30	
07 51 13 00-0088	SQ	POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	240.05	
07 51 13 00-0089	SQ	POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	395.32	
07 51 13 00-0090	SQ	POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	108.48	
07 51 13 00-0091	SQ	POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	164.43	
07 51 13 00-0092	SQ	POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	393.34	
07 51 13 00-0093	SQ	POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	287.73	
07 51 13 00-0094	SQ	POWERply HE FR Cap Sheet, Hot Applied BUR Component Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	282.24	
07 51 13 00-0095		**Self Adhesive Base Plies And Ply Sheets** *(07 51 13 00-0077)*		
07 51 13 00-0096	SQ	POWERply SA Base Sheet, Self Adhesive Roofing Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	164.34	
07 51 13 00-0097	SQ	POWERply SA FR Membrane, Self Adhesive Roofing Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.	328.19	
07 51 13 00-0098		**Flashings** *(07 51 13 00-0077)*		
07 51 13 00-0099	LF	11-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	11.16	
07 51 13 00-0100	LF	19" Hypalon Elastomeric Flashing Note: 45 mils.	18.30	
07 51 13 00-0101	LF	25" Hypalon Elastomeric Flashing Note: 45 mils.	24.31	
07 51 13 00-0102	LF	38" Hypalon Elastomeric Flashing Note: 45 mils.	35.53	
07 51 13 00-0103	LF	60-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	58.72	
07 51 13 00-0104	LF	12" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	9.06	
07 51 13 00-0105	LF	18" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	14.93	
07 51 13 00-0106	LF	24" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	19.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0107	LF	36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	28.97	
07 51 13 00-0108	LF	60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	48.84	
07 51 13 00-0109	LF	4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	2.88	
07 51 13 00-0110	LF	6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	2.99	
07 51 13 00-0111	LF	12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	4.16	
07 51 13 00-0112	LF	36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	10.69	
07 51 13 00-0113		**Cold Applied Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0114	SQ	BURmastic Inter-Ply Cold Applied Adhesive	106.15	
07 51 13 00-0115	SQ	BURmastic Flood Coat Cold Applied Adhesive	174.54	
07 51 13 00-0116	SQ	BURmastic SF Inter-Ply Cold Applied Adhesive	133.90	
07 51 13 00-0117	SQ	BURmastic LV Inter-Ply Cold Applied Adhesive	106.15	
07 51 13 00-0118	SQ	POWERply Standard Inter-Ply Cold Applied Adhesive	56.16	
07 51 13 00-0119	SQ	POWERply Standard Flood Coat Cold Applied Adhesive	121.62	
07 51 13 00-0120	SQ	POWERply White On White Cold Applied Adhesive	120.11	
07 51 13 00-0121	SQ	Rock-It Cold Applied Adhesive For Gravel Applications	322.45	
07 51 13 00-0122	SQ	FAS-n-FREE Cold Applied Adhesive (Beads 12" OC) Note: For insulation only.	177.52	
07 51 13 00-0123	SQ	ECOLastic Cold Applied Adhesive	202.68	
07 51 13 00-0124		**Hot Applied Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0125	SQ	Premium III Asphalt Inter-Ply Hot Applied Adhesive	41.73	
07 51 13 00-0126	SQ	Premium III Asphalt Flood Coat Hot Applied Adhesive	73.67	
07 51 13 00-0127		**Flashings Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0128	LF	Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	14.90	
07 51 13 00-0129	LF	Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	18.87	
07 51 13 00-0130	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	12.52	
07 51 13 00-0131	LF	TremSEAL D General Purpose Sealant	4.86	
07 51 13 00-0132	LF	TremSEAL HP High Performance Sealant	4.96	
07 51 13 00-0133	LF	TremSEAL S Silicone Sealant	4.88	
07 51 13 00-0134		**Surfacing** *(07 51 13 00-0077)*		
07 51 13 00-0135	SQ	TremLastic SP Non Fibered Elastomeric Emulsion Cold Applied Coating	155.89	
07 51 13 00-0136	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating	350.96	
07 51 13 00-0137	SQ	Polar Coat	94.08	
07 51 13 00-0138	SQ	Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating	113.69	
07 51 13 00-0139	SQ	Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls	320.24	
07 51 13 00-0140	SQ	Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls	151.14	
07 51 13 00-0141	SQ	100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB)	40.95	
07 51 13 00-0142		**Walkway Protection Pads** *(07 51 13 00-0077)*		
07 51 13 00-0143	LF	36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®)	22.12	
07 51 13 00-0144		**Primer** *(07 51 13 00-0077)*		
07 51 13 00-0145	SQ	TREMprime WB Primer Note: Water based polymer modified asphalt primer.	27.38	
07 51 13 00-0146	SQ	Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating	53.40	
07 51 13 00-0147		**Liquid Applied Roofing** *(07 51 13 00-0077)*		
07 51 13 00-0148	SQ	Trem-LAR LRM H Waterproofing (Horizontal) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	267.43	
07 51 13 00-0149	SQ	Trem-LAR LRM V Waterproofing (Vertical) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	273.68	
07 51 13 00-0150	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces Note: Two part liquid applied polyurethane roof coating. 48 mils.	339.75	
07 51 13 00-0151	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces Note: Two part liquid applied polyurethane roof coating. 64 mils.	438.69	
07 51 13 00-0152	SQ	AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating Note: Two part liquid applied polyurethane roof coating. 32 mils.	255.43	
07 51 13 00-0153	SQ	AlphaGuard Glass Mat Note: Reinforcement mat for AlphaGuard systems.	38.25	
07 51 13 00-0154	SQ	AlphaGuard C-Prime Primer Note: 100% solids epoxy primer for concrete surfaces.	56.06	
07 51 13 00-0155	SQ	AlphaGuard M-Prime Primer Note: Water based primer for metal and plastic surfaces.	59.52	
07 51 13 00-0156	SQ	Geogard Primer Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	41.57	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0157	SQ	AlphaGuard Primer WB Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	37.64	
07 51 13 00-0158		**Atactic-Polypropylene (APP) Products** *(07 51 13 00-0077)*		
07 51 13 00-0159	SQ	POWERply Atactic-Polypropylene (APP) Base Sheet	138.46	
07 51 13 00-0160	SQ	POWERply Atactic-Polypropylene (APP) FR	260.01	
07 51 13 00-0161	SQ	POWERply Atactic-Polypropylene (APP) Smooth	208.45	
07 51 13 00-0162		**Tri-Polymer Alloy (TPA) White Membrane** *(07 51 13 00-0077)*		
07 51 13 00-0163	SQ	45 Mil Tri-Polymer Alloy (TPA) White Membrane	370.70	
07 51 13 00-0164	SQ	60 Mil Tri-Polymer Alloy (TPA) White Membrane	499.71	
07 51 13 00-0165	SQ	80 Mil Tri-Polymer Alloy (TPA) White Membrane	563.83	
07 51 13 00-0166		**Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane** *(07 51 13 00-0077)*		
07 51 13 00-0167	SQ	45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	421.59	
07 51 13 00-0168	SQ	60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	511.75	
07 51 13 00-0169	SQ	80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	621.09	
07 51 13 00-0170		**Tri-Polymer Alloy (TPA) Membrane Accessories** *(07 51 13 00-0077)*		
07 51 13 00-0171	EA	>1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	76.12	
07 51 13 00-0172	EA	>4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	86.38	
07 51 13 00-0173	LF	36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	14.26	
07 51 13 00-0174	SQ	Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco)	51.13	
07 51 13 00-0175		**Thermoplastic Polyolefin (TPO) Polyester White Membrane** *(07 51 13 00-0077)*		
07 51 13 00-0176	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	207.59	
07 51 13 00-0177	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	208.10	
07 51 13 00-0178	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	360.26	
07 51 13 00-0179		**Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane** *(07 51 13 00-0077)*		
07 51 13 00-0180	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	236.40	
07 51 13 00-0181	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	262.59	
07 51 13 00-0182	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	373.71	
07 51 13 00-0183		**Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)** *(07 51 13 00-0077)*		
07 51 13 00-0184	SQ	45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)	602.28	
07 51 13 00-0185		**Single Ply Adhesives** *(07 51 13 00-0077)*		
07 51 13 00-0186	SQ	Low VOC, TPA Bonding Adhesive (Tremco)	103.16	
07 51 13 00-0187	SQ	Water Based, TPA Bonding Adhesive (Tremco)	115.55	
07 51 13 00-0188	SQ	Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco)	101.36	
07 51 13 00-0189	SQ	Low VOC, TPO Bonding Adhesive (Tremco)	70.10	
07 51 13 00-0190		**Warranty** *(07 51 13 00-0077)*		
07 51 13 00-0191	EA	Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0192	SF	>10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0193	EA	Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0194	SF	>10,000 SF 20 Year Roofing System Warranty	0.20	
07 51 13 00-0195		**Built-Up Roofing Components (Garland)** *(07 51 13)* Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0196		**Modified Cap Membranes** *(07 51 13 00-0195)*		
07 51 13 00-0197		**Modified Cap Membranes, Hot/Cold Applied** *(07 51 13 00-0196)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0198	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	416.41	
07 51 13 00-0199	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	298.77	
07 51 13 00-0200	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	369.19	
07 51 13 00-0201	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials	383.52	
07 51 13 00-0202	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	532.78	
07 51 13 00-0203	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil	598.56	
07 51 13 00-0204	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil Note: Low strength cap sheet for hot or cold modified systems used with gravel.	251.66	
07 51 13 00-0205	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil	318.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0206	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil	196.00	
07 51 13 00-0207		**Modified Cap Membranes, Self-Adhering** *(07 51 13 00-0196)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0208	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil	377.19	
		Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.		
07 51 13 00-0209		**Modified Cap Membranes, Torch-Applied** *(07 51 13 00-0196)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0210	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	463.64	
		Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.		
07 51 13 00-0211	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil	504.12	
07 51 13 00-0212	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil	531.10	
07 51 13 00-0213		**Modified Cap Membranes, Coal Tar Pitch Systems** *(07 51 13 00-0196)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0214	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil	425.18	
07 51 13 00-0215	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	674.46	
07 51 13 00-0216	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil	549.66	
07 51 13 00-0217		**Base Ply** *(07 51 13 00-0195)*		
		Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.		
07 51 13 00-0218	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil	380.99	
07 51 13 00-0219	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil	240.58	
07 51 13 00-0220	SQ	HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil	56.02	
		Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.		
07 51 13 00-0221	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil	37.64	
		Note: Inner ply felts for hot applied built up and modified BUR systems.		
07 51 13 00-0222	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil	45.47	
07 51 13 00-0223	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil	49.27	
07 51 13 00-0224	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil	74.78	
		Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.		
07 51 13 00-0225	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil	241.34	
07 51 13 00-0226	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil	210.65	
		Note: Self adhering base ply for self adhering 2 ply system.		
07 51 13 00-0227	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil	212.45	
07 51 13 00-0228	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil	176.61	
07 51 13 00-0229	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric	4.07	
07 51 13 00-0230	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems	10.32	
07 51 13 00-0231	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	43.58	
07 51 13 00-0232	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	5.25	
07 51 13 00-0233	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	3.90	
07 51 13 00-0234	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	4.39	
07 51 13 00-0235	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications	93.30	
07 51 13 00-0236		**Coatings And Mastics For Roof Installation, Restoration And Repairs** *(07 51 13 00-0195)*		
07 51 13 00-0237	SQ	Water Based Roof Primer, GarlaPrime VOC Primer	29.57	
07 51 13 00-0238	SQ	Black-Knight® Primer	27.58	
07 51 13 00-0239	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply	103.98	
07 51 13 00-0240	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ)	112.03	
07 51 13 00-0241	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ)	178.18	
07 51 13 00-0242	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply	279.09	
07 51 13 00-0243	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat	289.82	
07 51 13 00-0244	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	136.88	
07 51 13 00-0245	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration	225.75	
07 51 13 00-0246	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	341.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0247	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration	566.44	
07 51 13 00-0248	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply	239.00	
07 51 13 00-0249	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat	249.73	
07 51 13 00-0250	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	518.14	
07 51 13 00-0251	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	227.21	
07 51 13 00-0252	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply	113.66	
07 51 13 00-0253	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat	124.39	
07 51 13 00-0254	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel	109.10	
07 51 13 00-0255	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers	102.40	
07 51 13 00-0256	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products	14.98	
		Note: Adheres all insulation layers for cold systems.		
07 51 13 00-0257	SQ	Pyramic® White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required	117.58	
07 51 13 00-0258	SQ	Pyramic® Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System	114.07	
07 51 13 00-0259	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh	16.48	
07 51 13 00-0260	SQ	Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat	151.32	
07 51 13 00-0261	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric	896.59	
07 51 13 00-0262	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ)	197.02	
07 51 13 00-0263	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel	238.68	
07 51 13 00-0264	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply	91.01	
07 51 13 00-0265	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System	330.60	
07 51 13 00-0266	SQ	Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply	90.37	
		Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.		

07 52 Modified Bituminous Membrane Roofing *(07 50)*

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 11-0001)*

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	108.56
		For Up To 10, Add	*27.54*
		For >10 To 20, Add	*15.23*
		For >20 To 40, Add	*8.34*
		For >75 To 100, Deduct	*-4.17*
		For >100 To 200, Deduct	*-9.07*
		For >200, Deduct	*-13.24*
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	129.57
		For Up To 10, Add	*31.74*
		For >10 To 20, Add	*17.33*
		For >20 To 40, Add	*9.39*
		For >75 To 100, Deduct	*-4.70*
		For >100 To 200, Deduct	*-10.12*
		For >200, Deduct	*-14.82*
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	210.71
		For Up To 10, Add	*47.97*
		For >10 To 20, Add	*25.44*
		For >20 To 40, Add	*13.45*
		For >75 To 100, Deduct	*-6.73*
		For >100 To 200, Deduct	*-14.18*
		For >200, Deduct	*-20.90*
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	213.48
		For Up To 10, Add	*49.08*
		For >10 To 20, Add	*26.14*
		For >20 To 40, Add	*13.87*
		For >75 To 100, Deduct	*-6.93*
		For >100 To 200, Deduct	*-14.66*
		For >200, Deduct	*-21.60*
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	146.43
		For Up To 10, Add	*35.67*
		For >10 To 20, Add	*19.43*
		For >20 To 40, Add	*10.51*
		For >75 To 100, Deduct	*-5.26*
		For >100 To 200, Deduct	*-11.31*
		For >200, Deduct	*-16.57*
		For Factory Applied White Reflective Surfacing, Add	*59.82*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	167.68	
		For Up To 10, Add	*39.92*	
		For >10 To 20, Add	*21.56*	
		For >20 To 40, Add	*11.58*	
		For >75 To 100, Deduct	*-5.79*	
		For >100 To 200, Deduct	*-12.37*	
		For >200, Deduct	*-18.16*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	225.58	
		For Up To 10, Add	*51.50*	
		For >10 To 20, Add	*27.35*	
		For >20 To 40, Add	*14.47*	
		For >75 To 100, Deduct	*-7.24*	
		For >100 To 200, Deduct	*-15.27*	
		For >200, Deduct	*-22.50*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 11-0001)*

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	4.73	
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	4.85	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 13-0001 Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 13 13-0002 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 13-0001)*

07 52 13 13-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied	81.64	
		For Up To 10, Add	*22.15*	
		For >10 To 20, Add	*12.53*	
		For >20 To 40, Add	*7.00*	
		For >75 To 100, Deduct	*-3.50*	
		For >100 To 200, Deduct	*-7.72*	
		For >200, Deduct	*-11.22*	
07 52 13 13-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied	102.65	
		For Up To 10, Add	*26.36*	
		For >10 To 20, Add	*14.63*	
		For >20 To 40, Add	*8.05*	
		For >75 To 100, Deduct	*-4.02*	
		For >100 To 200, Deduct	*-8.77*	
		For >200, Deduct	*-12.80*	
07 52 13 13-0005	SQ	150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	127.10	
		For Up To 10, Add	*34.16*	
		For >10 To 20, Add	*19.27*	
		For >20 To 40, Add	*10.73*	
		For >75 To 100, Deduct	*-5.36*	
		For >100 To 200, Deduct	*-11.82*	
		For >200, Deduct	*-17.18*	
07 52 13 13-0006	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	132.48	
		For Up To 10, Add	*35.24*	
		For >10 To 20, Add	*19.81*	
		For >20 To 40, Add	*11.00*	
		For >75 To 100, Deduct	*-5.50*	
		For >100 To 200, Deduct	*-12.09*	
		For >200, Deduct	*-17.59*	
07 52 13 13-0007	SQ	180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	176.12	
		For Up To 10, Add	*43.97*	
		For >10 To 20, Add	*24.17*	
		For >20 To 40, Add	*13.18*	
		For >75 To 100, Deduct	*-6.59*	
		For >100 To 200, Deduct	*-14.27*	
		For >200, Deduct	*-20.86*	
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	127.10	
		For Up To 10, Add	*34.16*	
		For >10 To 20, Add	*19.27*	
		For >20 To 40, Add	*10.73*	
		For >75 To 100, Deduct	*-5.36*	
		For >100 To 200, Deduct	*-11.82*	
		For >200, Deduct	*-17.18*	
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	133.83	
		For Up To 10, Add	*35.51*	
		For >10 To 20, Add	*19.94*	
		For >20 To 40, Add	*11.06*	
		For >75 To 100, Deduct	*-5.53*	
		For >100 To 200, Deduct	*-12.16*	
		For >200, Deduct	*-17.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0010	SQ	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	176.12	
		For Up To 10, Add	*43.97*	
		For >10 To 20, Add	*24.17*	
		For >20 To 40, Add	*13.18*	
		For >75 To 100, Deduct	*-6.59*	
		For >100 To 200, Deduct	*-14.27*	
		For >200, Deduct	*-20.86*	
07 52 13 13-0011	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	131.34	
		For Up To 10, Add	*35.01*	
		For >10 To 20, Add	*19.69*	
		For >20 To 40, Add	*10.94*	
		For >75 To 100, Deduct	*-5.47*	
		For >100 To 200, Deduct	*-12.03*	
		For >200, Deduct	*-17.50*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 13 13-0012	SQ	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	137.86	
		For Up To 10, Add	*36.32*	
		For >10 To 20, Add	*20.34*	
		For >20 To 40, Add	*11.27*	
		For >75 To 100, Deduct	*-5.63*	
		For >100 To 200, Deduct	*-12.36*	
		For >200, Deduct	*-17.99*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 13 13-0013	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	153.86	
		For Up To 10, Add	*39.52*	
		For >10 To 20, Add	*21.94*	
		For >20 To 40, Add	*12.07*	
		For >75 To 100, Deduct	*-6.03*	
		For >100 To 200, Deduct	*-13.16*	
		For >200, Deduct	*-19.19*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 13 13-0014	SQ	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	155.81	
		For Up To 10, Add	*39.91*	
		For >10 To 20, Add	*22.14*	
		For >20 To 40, Add	*12.16*	
		For >75 To 100, Deduct	*-6.08*	
		For >100 To 200, Deduct	*-13.26*	
		For >200, Deduct	*-19.34*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 13 13-0015	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	210.48	
		For Up To 10, Add	*50.84*	
		For >10 To 20, Add	*27.61*	
		For >20 To 40, Add	*14.90*	
		For >75 To 100, Deduct	*-7.45*	
		For >100 To 200, Deduct	*-15.99*	
		For >200, Deduct	*-23.44*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	

07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 13-0001)*

07 52 13 13-0017	SF	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	2.14	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	2.21	
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	2.63	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	2.25	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	2.43	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	2.98	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets *(07 52 13 14-0001)*

07 52 13 14-0003	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	109.02	
		For Up To 10, Add	*24.72*	
		For >10 To 20, Add	*13.09*	
		For >20 To 40, Add	*6.91*	
		For >75 To 100, Deduct	*-3.45*	
		For >100 To 200, Deduct	*-7.27*	
		For >200, Deduct	*-10.72*	

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0001		Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 11)* Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.		
07 52 16 11-0002		Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 11-0001)*		
07 52 16 11-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	87.99	
		For Up To 10, Add	*23.43*	
		For >10 To 20, Add	*13.17*	
		For >20 To 40, Add	*7.31*	
		For >75 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-8.04*	
		For >200, Deduct	*-11.70*	
07 52 16 11-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	111.31	
		For Up To 10, Add	*28.09*	
		For >10 To 20, Add	*15.50*	
		For >20 To 40, Add	*8.48*	
		For >75 To 100, Deduct	*-4.24*	
		For >100 To 200, Deduct	*-9.21*	
		For >200, Deduct	*-13.45*	
07 52 16 11-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	114.32	
		For Up To 10, Add	*28.69*	
		For >10 To 20, Add	*15.80*	
		For >20 To 40, Add	*8.63*	
		For >75 To 100, Deduct	*-4.32*	
		For >100 To 200, Deduct	*-9.36*	
		For >200, Deduct	*-13.68*	
07 52 16 11-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	151.53	
		For Up To 10, Add	*36.14*	
		For >10 To 20, Add	*19.53*	
		For >20 To 40, Add	*10.49*	
		For >75 To 100, Deduct	*-5.25*	
		For >100 To 200, Deduct	*-11.22*	
		For >200, Deduct	*-16.47*	
07 52 16 11-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied	189.19	
		For Up To 10, Add	*43.67*	
		For >10 To 20, Add	*23.29*	
		For >20 To 40, Add	*12.37*	
		For >75 To 100, Deduct	*-6.19*	
		For >100 To 200, Deduct	*-13.10*	
		For >200, Deduct	*-19.29*	
07 52 16 11-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	160.74	
		For Up To 10, Add	*38.53*	
		For >10 To 20, Add	*20.86*	
		For >20 To 40, Add	*11.23*	
		For >75 To 100, Deduct	*-5.61*	
		For >100 To 200, Deduct	*-12.03*	
		For >200, Deduct	*-17.64*	
07 52 16 11-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	164.79	
		For Up To 10, Add	*39.34*	
		For >10 To 20, Add	*21.27*	
		For >20 To 40, Add	*11.43*	
		For >75 To 100, Deduct	*-5.72*	
		For >100 To 200, Deduct	*-12.23*	
		For >200, Deduct	*-17.95*	
07 52 16 11-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	145.83	
		For Up To 10, Add	*35.55*	
		For >10 To 20, Add	*19.37*	
		For >20 To 40, Add	*10.48*	
		For >75 To 100, Deduct	*-5.24*	
		For >100 To 200, Deduct	*-11.28*	
		For >200, Deduct	*-16.52*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 11-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	147.58	
		For Up To 10, Add	*35.90*	
		For >10 To 20, Add	*19.55*	
		For >20 To 40, Add	*10.57*	
		For >75 To 100, Deduct	*-5.29*	
		For >100 To 200, Deduct	*-11.37*	
		For >200, Deduct	*-16.65*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 11-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	163.72	
		For Up To 10, Add	*39.13*	
		For >10 To 20, Add	*21.16*	
		For >20 To 40, Add	*11.38*	
		For >75 To 100, Deduct	*-5.69*	
		For >100 To 200, Deduct	*-12.18*	
		For >200, Deduct	*-17.87*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	166.41	
		For Up To 10, Add	*39.67*	
		For >10 To 20, Add	*21.43*	
		For >20 To 40, Add	*11.51*	
		For >75 To 100, Deduct	*-5.76*	
		For >100 To 200, Deduct	*-12.31*	
		For >200, Deduct	*-18.07*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 11-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	189.94	
		For Up To 10, Add	*44.37*	
		For >10 To 20, Add	*23.78*	
		For >20 To 40, Add	*12.69*	
		For >75 To 100, Deduct	*-6.34*	
		For >100 To 200, Deduct	*-13.49*	
		For >200, Deduct	*-19.83*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 11-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	232.82	
		For Up To 10, Add	*52.95*	
		For >10 To 20, Add	*28.07*	
		For >20 To 40, Add	*14.83*	
		For >75 To 100, Deduct	*-7.42*	
		For >100 To 200, Deduct	*-15.63*	
		For >200, Deduct	*-23.05*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	148.75	
		For Up To 10, Add	*36.13*	
		For >10 To 20, Add	*19.66*	
		For >20 To 40, Add	*10.63*	
		For >75 To 100, Deduct	*-5.31*	
		For >100 To 200, Deduct	*-11.43*	
		For >200, Deduct	*-16.74*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	152.96	
		For Up To 10, Add	*36.98*	
		For >10 To 20, Add	*20.08*	
		For >20 To 40, Add	*10.84*	
		For >75 To 100, Deduct	*-5.42*	
		For >100 To 200, Deduct	*-11.64*	
		For >200, Deduct	*-17.06*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	175.82	
		For Up To 10, Add	*41.55*	
		For >10 To 20, Add	*22.37*	
		For >20 To 40, Add	*11.98*	
		For >75 To 100, Deduct	*-5.99*	
		For >100 To 200, Deduct	*-12.78*	
		For >200, Deduct	*-18.77*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	176.36	
		For Up To 10, Add	*41.66*	
		For >10 To 20, Add	*22.42*	
		For >20 To 40, Add	*12.01*	
		For >75 To 100, Deduct	*-6.01*	
		For >100 To 200, Deduct	*-12.81*	
		For >200, Deduct	*-18.81*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	186.58	
		For Up To 10, Add	*43.70*	
		For >10 To 20, Add	*23.45*	
		For >20 To 40, Add	*12.52*	
		For >75 To 100, Deduct	*-6.26*	
		For >100 To 200, Deduct	*-13.32*	
		For >200, Deduct	*-19.58*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	

07 52 16 11-0021 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 11-0001)*

07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.24	
07 52 16 11-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.05	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 11-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.07	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 11-0025	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.26	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 11-0026	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.49	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 11-0027	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.92	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 11-0028	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.08	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.12	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.36	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.46	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.30	
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	8.32	

07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 12)*

Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

07 52 16 12-0002 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*

07 52 16 12-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	74.44	
		For Up To 10, Add	*20.81*	
		For >10 To 20, Add	*11.89*	
		For >20 To 40, Add	*6.68*	
		For >75 To 100, Deduct	*-3.34*	
		For >100 To 200, Deduct	*-7.42*	
		For >200, Deduct	*-10.76*	
07 52 16 12-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	97.76	
		For Up To 10, Add	*25.47*	
		For >10 To 20, Add	*14.22*	
		For >20 To 40, Add	*7.85*	
		For >75 To 100, Deduct	*-3.92*	
		For >100 To 200, Deduct	*-8.59*	
		For >200, Deduct	*-12.51*	
07 52 16 12-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	100.77	
		For Up To 10, Add	*26.08*	
		For >10 To 20, Add	*14.52*	
		For >20 To 40, Add	*8.00*	
		For >75 To 100, Deduct	*-4.00*	
		For >100 To 200, Deduct	*-8.74*	
		For >200, Deduct	*-12.74*	
07 52 16 12-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped	137.98	
		For Up To 10, Add	*33.52*	
		For >10 To 20, Add	*18.24*	
		For >20 To 40, Add	*9.86*	
		For >75 To 100, Deduct	*-4.93*	
		For >100 To 200, Deduct	*-10.60*	
		For >200, Deduct	*-15.53*	
07 52 16 12-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped	175.64	
		For Up To 10, Add	*41.05*	
		For >10 To 20, Add	*22.01*	
		For >20 To 40, Add	*11.74*	
		For >75 To 100, Deduct	*-5.87*	
		For >100 To 200, Deduct	*-12.48*	
		For >200, Deduct	*-18.35*	
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	147.24	
		For Up To 10, Add	*35.93*	
		For >10 To 20, Add	*19.59*	
		For >20 To 40, Add	*10.61*	
		For >75 To 100, Deduct	*-5.30*	
		For >100 To 200, Deduct	*-11.42*	
		For >200, Deduct	*-16.72*	
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	151.29	
		For Up To 10, Add	*36.74*	
		For >10 To 20, Add	*19.99*	
		For >20 To 40, Add	*10.81*	
		For >75 To 100, Deduct	*-5.40*	
		For >100 To 200, Deduct	*-11.62*	
		For >200, Deduct	*-17.02*	
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	132.33	
		For Up To 10, Add	*32.95*	
		For >10 To 20, Add	*18.10*	
		For >20 To 40, Add	*9.86*	
		For >75 To 100, Deduct	*-4.93*	
		For >100 To 200, Deduct	*-10.67*	
		For >200, Deduct	*-15.60*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	134.08	
		For Up To 10, Add	*33.30*	
		For >10 To 20, Add	*18.27*	
		For >20 To 40, Add	*9.95*	
		For >75 To 100, Deduct	*-4.97*	
		For >100 To 200, Deduct	*-10.76*	
		For >200, Deduct	*-15.73*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	150.22	
		For Up To 10, Add	*36.53*	
		For >10 To 20, Add	*19.89*	
		For >20 To 40, Add	*10.75*	
		For >75 To 100, Deduct	*-5.38*	
		For >100 To 200, Deduct	*-11.56*	
		For >200, Deduct	*-16.94*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	152.91	
		For Up To 10, Add	*37.07*	
		For >10 To 20, Add	*20.16*	
		For >20 To 40, Add	*10.89*	
		For >75 To 100, Deduct	*-5.44*	
		For >100 To 200, Deduct	*-11.70*	
		For >200, Deduct	*-17.14*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	176.44	
		For Up To 10, Add	*41.77*	
		For >10 To 20, Add	*22.51*	
		For >20 To 40, Add	*12.07*	
		For >75 To 100, Deduct	*-6.03*	
		For >100 To 200, Deduct	*-12.88*	
		For >200, Deduct	*-18.91*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	219.31	
		For Up To 10, Add	*50.35*	
		For >10 To 20, Add	*26.80*	
		For >20 To 40, Add	*14.21*	
		For >75 To 100, Deduct	*-7.10*	
		For >100 To 200, Deduct	*-15.02*	
		For >200, Deduct	*-22.12*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	135.25	
		For Up To 10, Add	*33.54*	
		For >10 To 20, Add	*18.39*	
		For >20 To 40, Add	*10.01*	
		For >75 To 100, Deduct	*-5.00*	
		For >100 To 200, Deduct	*-10.82*	
		For >200, Deduct	*-15.82*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	139.46	
		For Up To 10, Add	*34.38*	
		For >10 To 20, Add	*18.81*	
		For >20 To 40, Add	*10.22*	
		For >75 To 100, Deduct	*-5.11*	
		For >100 To 200, Deduct	*-11.03*	
		For >200, Deduct	*-16.13*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	162.32	
		For Up To 10, Add	*38.95*	
		For >10 To 20, Add	*21.10*	
		For >20 To 40, Add	*11.36*	
		For >75 To 100, Deduct	*-5.68*	
		For >100 To 200, Deduct	*-12.17*	
		For >200, Deduct	*-17.85*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	162.86	
		For Up To 10, Add	*39.06*	
		For >10 To 20, Add	*21.15*	
		For >20 To 40, Add	*11.39*	
		For >75 To 100, Deduct	*-5.69*	
		For >100 To 200, Deduct	*-12.20*	
		For >200, Deduct	*-17.89*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	173.08	
		For Up To 10, Add	*41.10*	
		For >10 To 20, Add	*22.17*	
		For >20 To 40, Add	*11.90*	
		For >75 To 100, Deduct	*-5.95*	
		For >100 To 200, Deduct	*-12.71*	
		For >200, Deduct	*-18.66*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	

07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 12-0001)*

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.01	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	2.82	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	2.84	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.00	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.02	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0027		SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.26	
			For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 12-0028		SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.69	
			For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 12-0029		SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	2.85	
			For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 12-0030		SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	2.89	
			For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 12-0031		SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.08	
			For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 12-0032		SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	3.23	
			For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 12-0033		SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.06	
07 52 16 12-0034		SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	7.09	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 16 13-0002 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 13-0001)*

07 52 16 13-0003		SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied	145.93	
			For Up To 10, Add	*37.93*	
			For >10 To 20, Add	*21.15*	
			For >20 To 40, Add	*11.67*	
			For >75 To 100, Deduct	*-5.83*	
			For >100 To 200, Deduct	*-12.76*	
			For >200, Deduct	*-18.60*	
07 52 16 13-0004		SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	132.88	
			For Up To 10, Add	*35.32*	
			For >10 To 20, Add	*19.85*	
			For >20 To 40, Add	*11.02*	
			For >75 To 100, Deduct	*-5.51*	
			For >100 To 200, Deduct	*-12.11*	
			For >200, Deduct	*-17.62*	
			For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 13-0005		SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	148.22	
			For Up To 10, Add	*38.39*	
			For >10 To 20, Add	*21.38*	
			For >20 To 40, Add	*11.78*	
			For >75 To 100, Deduct	*-5.89*	
			For >100 To 200, Deduct	*-12.88*	
			For >200, Deduct	*-18.77*	
			For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 13-0006		SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	217.72	
			For Up To 10, Add	*52.29*	
			For >10 To 20, Add	*28.33*	
			For >20 To 40, Add	*15.26*	
			For >75 To 100, Deduct	*-7.63*	
			For >100 To 200, Deduct	*-16.35*	
			For >200, Deduct	*-23.98*	
			For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 13-0007		SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	137.27	
			For Up To 10, Add	*36.20*	
			For >10 To 20, Add	*20.29*	
			For >20 To 40, Add	*11.24*	
			For >75 To 100, Deduct	*-5.62*	
			For >100 To 200, Deduct	*-12.33*	
			For >200, Deduct	*-17.95*	
			For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 13-0008		SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	155.34	
			For Up To 10, Add	*39.81*	
			For >10 To 20, Add	*22.09*	
			For >20 To 40, Add	*12.14*	
			For >75 To 100, Deduct	*-6.07*	
			For >100 To 200, Deduct	*-13.23*	
			For >200, Deduct	*-19.30*	
			For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 13-0009		SQ	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	161.42	
			For Up To 10, Add	*41.17*	
			For >10 To 20, Add	*22.81*	
			For >20 To 40, Add	*12.51*	
			For >75 To 100, Deduct	*-6.26*	
			For >100 To 200, Deduct	*-13.62*	
			For >200, Deduct	*-19.88*	
			For Factory Applied White Reflective Surfacing, Add	*59.82*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0010	SQ	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	203.61	
		For Up To 10, Add	*49.61*	
		For >10 To 20, Add	*27.02*	
		For >20 To 40, Add	*14.62*	
		For >75 To 100, Deduct	*-7.31*	
		For >100 To 200, Deduct	*-15.73*	
		For >200, Deduct	*-23.04*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	

07 52 16 13-0011 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 13-0001)*

07 52 16 13-0012	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	2.37	
07 52 16 13-0013	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	2.36	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 13-0014	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.05	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 13-0015	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	2.44	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 13-0016	SF	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	2.48	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	2.91	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.00	
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	6.45	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 14-0001 Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 16 14-0002 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets *(07 52 16 14-0001)*

07 52 16 14-0003	SQ	35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	85.84	
		For Up To 10, Add	*20.08*	
		For >10 To 20, Add	*10.77*	
		For >20 To 40, Add	*5.75*	
		For >75 To 100, Deduct	*-2.87*	
		For >100 To 200, Deduct	*-6.11*	
		For >200, Deduct	*-8.99*	
07 52 16 14-0004	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	67.44	
		For Up To 10, Add	*16.40*	
		For >10 To 20, Add	*8.93*	
		For >20 To 40, Add	*4.83*	
		For >75 To 100, Deduct	*-2.41*	
		For >100 To 200, Deduct	*-5.19*	
		For >200, Deduct	*-7.61*	
07 52 16 14-0005	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	85.56	
		For Up To 10, Add	*20.02*	
		For >10 To 20, Add	*10.74*	
		For >20 To 40, Add	*5.73*	
		For >75 To 100, Deduct	*-2.87*	
		For >100 To 200, Deduct	*-6.10*	
		For >200, Deduct	*-8.97*	
07 52 16 14-0006	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	105.57	
		For Up To 10, Add	*24.03*	
		For >10 To 20, Add	*12.74*	
		For >20 To 40, Add	*6.73*	
		For >75 To 100, Deduct	*-3.37*	
		For >100 To 200, Deduct	*-7.10*	
		For >200, Deduct	*-10.47*	
07 52 16 14-0007	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	130.99	
		For Up To 10, Add	*29.11*	
		For >10 To 20, Add	*15.28*	
		For >20 To 40, Add	*8.01*	
		For >75 To 100, Deduct	*-4.00*	
		For >100 To 200, Deduct	*-8.37*	
		For >200, Deduct	*-12.37*	

07 52 16 14-0008 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 14-0001)*

07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	1.94	
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	1.98	

07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 15-0001		Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 15)* Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07 52 16 15-0002		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 15-0001)*		
07 52 16 15-0003	SQ	60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	71.24	
		For Up To 10, Add	*17.75*	
		For >10 To 20, Add	*9.75*	
		For >20 To 40, Add	*5.31*	
		For >75 To 100, Deduct	*-2.66*	
		For >100 To 200, Deduct	*-5.75*	
		For >200, Deduct	*-8.40*	
07 52 16 15-0004	SQ	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	75.05	
		For Up To 10, Add	*18.51*	
		For >10 To 20, Add	*10.13*	
		For >20 To 40, Add	*5.50*	
		For >75 To 100, Deduct	*-2.75*	
		For >100 To 200, Deduct	*-5.94*	
		For >200, Deduct	*-8.69*	
07 52 16 15-0005	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	122.20	
		For Up To 10, Add	*28.20*	
		For >10 To 20, Add	*15.04*	
		For >20 To 40, Add	*7.99*	
		For >75 To 100, Deduct	*-4.00*	
		For >100 To 200, Deduct	*-8.46*	
		For >200, Deduct	*-12.46*	
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	144.55	
		For Up To 10, Add	*32.67*	
		For >10 To 20, Add	*17.28*	
		For >20 To 40, Add	*9.11*	
		For >75 To 100, Deduct	*-4.55*	
		For >100 To 200, Deduct	*-9.58*	
		For >200, Deduct	*-14.13*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	210.45	
		For Up To 10, Add	*45.85*	
		For >10 To 20, Add	*23.87*	
		For >20 To 40, Add	*12.40*	
		For >75 To 100, Deduct	*-6.20*	
		For >100 To 200, Deduct	*-12.87*	
		For >200, Deduct	*-19.08*	
		For Factory Applied White Reflective Surfacing, Add	*59.82*	
07 52 16 15-0008		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 15-0001)*		
07 52 16 15-0009	SF	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	2.35	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	2.57	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	3.23	
		For Factory Applied White Reflective Surfacing, Add	*0.60*	

07 53 Elastomeric Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 53 16 Chlorosulfonate-Polyethylene Roofing *(07 53)*

07 53 16 00-0001		Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes *(07 53 16)* Note: Includes hot air welding or adhesive bonding of seams.		
07 53 16 00-0002	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered Note: Includes adhesive.	313.00	69.97
		For Up To 10, Add	*90.59*	
		For >10 To 20, Add	*52.29*	
		For >20 To 40, Add	*29.64*	
		For >75 To 100, Deduct	*-14.82*	
		For >100 To 200, Deduct	*-33.14*	
		For >200, Deduct	*-47.96*	
		For 15 Year Warranty, Add	*3.00*	
07 53 16 00-0003	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted Note: Includes ballast.	213.99	34.99
		For Up To 10, Add	*56.79*	
		For >10 To 20, Add	*31.89*	
		For >20 To 40, Add	*17.70*	
		For >75 To 100, Deduct	*-8.85*	
		For >100 To 200, Deduct	*-19.45*	
		For >200, Deduct	*-28.29*	
		For 15 Year Warranty, Add	*3.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 16 00-0004	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	239.99	52.47
		For Up To 10, Add	*68.99*	
		For >10 To 20, Add	*39.74*	
		For >20 To 40, Add	*22.49*	
		For >75 To 100, Deduct	*-11.25*	
		For >100 To 200, Deduct	*-25.12*	
		For >200, Deduct	*-36.37*	
		For 15 Year Warranty, Add	*3.00*	
		For Mechanically Fastened To Concrete Decks, Add	*26.24*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*26.97*	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing *(07 53)*

07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes *(07 53 23)*

Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

07 53 23 00-0002	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	158.30	34.99
		For Up To 10, Add	*45.65*	
		For >10 To 20, Add	*26.33*	
		For >20 To 40, Add	*14.91*	
		For >75 To 100, Deduct	*-7.46*	
		For >100 To 200, Deduct	*-16.66*	
		For >200, Deduct	*-24.12*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.49*	
07 53 23 00-0003	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	176.26	37.17
		For Up To 10, Add	*50.12*	
		For >10 To 20, Add	*28.78*	
		For >20 To 40, Add	*16.25*	
		For >75 To 100, Deduct	*-8.12*	
		For >100 To 200, Deduct	*-18.11*	
		For >200, Deduct	*-26.23*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.49*	
07 53 23 00-0004	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	251.23	39.35
		For Up To 10, Add	*65.99*	
		For >10 To 20, Add	*36.93*	
		For >20 To 40, Add	*20.43*	
		For >75 To 100, Deduct	*-10.22*	
		For >100 To 200, Deduct	*-22.40*	
		For >200, Deduct	*-32.62*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.81*	
07 53 23 00-0005	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	193.27	52.47
		For Up To 10, Add	*59.64*	
		For >10 To 20, Add	*35.07*	
		For >20 To 40, Add	*20.16*	
		For >75 To 100, Deduct	*-10.08*	
		For >100 To 200, Deduct	*-22.78*	
		For >200, Deduct	*-32.86*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For Low VOC Adhesive, Add	*23.85*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.49*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*45.86*	
		For Integral Polyester Fleece-Backing, Add	*68.54*	
07 53 23 00-0006	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	211.23	54.66
		For Up To 10, Add	*64.11*	
		For >10 To 20, Add	*37.52*	
		For >20 To 40, Add	*21.49*	
		For >75 To 100, Deduct	*-10.75*	
		For >100 To 200, Deduct	*-24.23*	
		For >200, Deduct	*-34.98*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For Low VOC Adhesive, Add	*23.85*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.49*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*45.86*	
		For Integral Polyester Fleece-Backing, Add	*75.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	286.20	56.85
		For Up To 10, Add	*79.98*	
		For >10 To 20, Add	*45.68*	
		For >20 To 40, Add	*25.68*	
		For >75 To 100, Deduct	*-12.84*	
		For >100 To 200, Deduct	*-28.52*	
		For >200, Deduct	*-41.36*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For Low VOC Adhesive, Add	*23.85*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*45.86*	
		For Integral Polyester Fleece-Backing, Add	*83.28*	
07 53 23 00-0008	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	255.77	69.97
		For Up To 10, Add	*79.14*	
		For >10 To 20, Add	*46.57*	
		For >20 To 40, Add	*26.78*	
		For >75 To 100, Deduct	*-13.39*	
		For >100 To 200, Deduct	*-30.28*	
		For >200, Deduct	*-43.67*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.49*	
		For Low VOC Adhesive, Add	*59.62*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*45.86*	
		For Integral Polyester Fleece-Backing, Add	*68.54*	
07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	273.74	72.16
		For Up To 10, Add	*83.61*	
		For >10 To 20, Add	*49.02*	
		For >20 To 40, Add	*28.12*	
		For >75 To 100, Deduct	*-14.06*	
		For >100 To 200, Deduct	*-31.73*	
		For >200, Deduct	*-45.78*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.49*	
		For Low VOC Adhesive, Add	*59.62*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*45.86*	
		For Integral Polyester Fleece-Backing, Add	*75.59*	
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	348.71	74.34
		For Up To 10, Add	*99.48*	
		For >10 To 20, Add	*57.17*	
		For >20 To 40, Add	*32.30*	
		For >75 To 100, Deduct	*-16.15*	
		For >100 To 200, Deduct	*-36.02*	
		For >200, Deduct	*-52.17*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For Low VOC Adhesive, Add	*59.62*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*45.86*	
		For Integral Polyester Fleece-Backing, Add	*83.28*	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	184.16	52.47
		For Up To 10, Add	*57.82*	
		For >10 To 20, Add	*34.16*	
		For >20 To 40, Add	*19.70*	
		For >75 To 100, Deduct	*-9.85*	
		For >100 To 200, Deduct	*-22.33*	
		For >200, Deduct	*-32.18*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.49*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*45.86*	
		For Mechanically Fastened To Concrete Decks, Add	*26.24*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*26.97*	
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	202.13	54.66
		For Up To 10, Add	*62.29*	
		For >10 To 20, Add	*36.61*	
		For >20 To 40, Add	*21.04*	
		For >75 To 100, Deduct	*-10.52*	
		For >100 To 200, Deduct	*-23.77*	
		For >200, Deduct	*-34.29*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*11.49*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*45.86*	
		For Mechanically Fastened To Concrete Decks, Add	*27.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*28.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	277.10	56.85
		For Up To 10, Add	*78.16*	
		For >10 To 20, Add	*44.77*	
		For >20 To 40, Add	*25.23*	
		For >75 To 100, Deduct	*-12.61*	
		For >100 To 200, Deduct	*-28.07*	
		For >200, Deduct	*-40.68*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low Slope Fire Rated, Add	*4.81*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*45.86*	
		For Mechanically Fastened To Concrete Decks, Add	*28.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*29.16*	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories *(07 53 23)*

07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	45.61	
		For Up To 10, Add	*12.62*	
		For >10 To 20, Add	*7.18*	
		For >20 To 40, Add	*4.03*	
		For >75 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-4.47*	
		For >200, Deduct	*-6.48*	
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat Note: 55% solids by volume.	47.02	
		For Up To 10, Add	*12.90*	
		For >10 To 20, Add	*7.33*	
		For >20 To 40, Add	*4.10*	
		For >75 To 100, Deduct	*-2.05*	
		For >100 To 200, Deduct	*-4.54*	
		For >200, Deduct	*-6.59*	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	30.27	8.31
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	41.37	8.31
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	73.40	8.31
07 53 23 00-0020	EA	6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	96.30	9.18
07 53 23 00-0021	LF	30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad Note: Includes factory installed peel and stick adhesive tape.	22.79	5.07
07 53 23 00-0022	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	4.50	1.31
07 53 23 00-0023	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	5.80	1.96

07 53 29 Polyisobutylene Roofing *(07 53)*

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes *(07 53 29)*

Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.

07 53 29 00-0002	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted Note: Includes ballast.	318.18	39.35
		For Up To 10, Add	*79.38*	
		For >10 To 20, Add	*43.62*	
		For >20 To 40, Add	*23.78*	
		For >75 To 100, Deduct	*-11.89*	
		For >100 To 200, Deduct	*-25.75*	
		For >200, Deduct	*-37.64*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive.	362.42	56.85
		For Up To 10, Add	*95.22*	
		For >10 To 20, Add	*53.30*	
		For >20 To 40, Add	*29.49*	
		For >75 To 100, Deduct	*-14.75*	
		For >100 To 200, Deduct	*-32.33*	
		For >200, Deduct	*-47.08*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
07 53 29 00-0004	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered Note: Includes adhesive.	438.82	74.34
		For Up To 10, Add	*117.50*	
		For >10 To 20, Add	*66.18*	
		For >20 To 40, Add	*36.81*	
		For >75 To 100, Deduct	*-18.40*	
		For >100 To 200, Deduct	*-40.53*	
		For >200, Deduct	*-58.93*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	

07 54 Thermoplastic Membrane Roofing *(07 50)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.		
07 54 19		**Polyvinyl-Chloride Roofing** *(07 54)*		
07 54 19 00-0001		Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes *(07 54 19)* Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07 54 19 00-0002	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	192.84	34.99
		For Up To 10, Add	*52.56*	
		For >10 To 20, Add	*29.78*	
		For >20 To 40, Add	*16.64*	
		For >75 To 100, Deduct	*-8.32*	
		For >100 To 200, Deduct	*-18.39*	
		For >200, Deduct	*-26.71*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	218.74	37.17
		For Up To 10, Add	*58.62*	
		For >10 To 20, Add	*33.03*	
		For >20 To 40, Add	*18.37*	
		For >75 To 100, Deduct	*-9.19*	
		For >100 To 200, Deduct	*-20.23*	
		For >200, Deduct	*-29.42*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	248.44	38.27
		For Up To 10, Add	*64.99*	
		For >10 To 20, Add	*36.32*	
		For >20 To 40, Add	*20.08*	
		For >75 To 100, Deduct	*-10.04*	
		For >100 To 200, Deduct	*-21.99*	
		For >200, Deduct	*-32.03*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	262.58	39.35
		For Up To 10, Add	*68.26*	
		For >10 To 20, Add	*38.06*	
		For >20 To 40, Add	*21.00*	
		For >75 To 100, Deduct	*-10.50*	
		For >100 To 200, Deduct	*-22.97*	
		For >200, Deduct	*-33.47*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
07 54 19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	272.94	69.97
		For Up To 10, Add	*82.57*	
		For >10 To 20, Add	*48.28*	
		For >20 To 40, Add	*27.64*	
		For >75 To 100, Deduct	*-13.82*	
		For >100 To 200, Deduct	*-31.14*	
		For >200, Deduct	*-44.96*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*33.99*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
07 54 19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	298.85	72.16
		For Up To 10, Add	*88.63*	
		For >10 To 20, Add	*51.53*	
		For >20 To 40, Add	*29.37*	
		For >75 To 100, Deduct	*-14.69*	
		For >100 To 200, Deduct	*-32.98*	
		For >200, Deduct	*-47.67*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*33.99*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0008	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	328.55	73.24
		For Up To 10, Add	*95.01*	
		For >10 To 20, Add	*54.83*	
		For >20 To 40, Add	*31.08*	
		For >75 To 100, Deduct	*-15.54*	
		For >100 To 200, Deduct	*-34.74*	
		For >200, Deduct	*-50.28*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*33.99*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
07 54 19 00-0009	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered Note: Includes adhesive.	342.69	74.34
		For Up To 10, Add	*98.27*	
		For >10 To 20, Add	*56.57*	
		For >20 To 40, Add	*32.00*	
		For >75 To 100, Deduct	*-16.00*	
		For >100 To 200, Deduct	*-35.72*	
		For >200, Deduct	*-51.72*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*33.99*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
07 54 19 00-0010	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	214.15	52.47
		For Up To 10, Add	*63.82*	
		For >10 To 20, Add	*37.16*	
		For >20 To 40, Add	*21.20*	
		For >75 To 100, Deduct	*-10.60*	
		For >100 To 200, Deduct	*-23.83*	
		For >200, Deduct	*-34.43*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
		For Mechanically Fastened To Concrete Decks, Add	*26.24*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*26.97*	
07 54 19 00-0011	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	240.06	54.66
		For Up To 10, Add	*69.88*	
		For >10 To 20, Add	*40.41*	
		For >20 To 40, Add	*22.94*	
		For >75 To 100, Deduct	*-11.47*	
		For >100 To 200, Deduct	*-25.67*	
		For >200, Deduct	*-37.14*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
		For Mechanically Fastened To Concrete Decks, Add	*27.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*28.06*	
07 54 19 00-0012	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	269.75	55.76
		For Up To 10, Add	*76.25*	
		For >10 To 20, Add	*43.70*	
		For >20 To 40, Add	*24.64*	
		For >75 To 100, Deduct	*-12.32*	
		For >100 To 200, Deduct	*-27.43*	
		For >200, Deduct	*-39.75*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
		For Mechanically Fastened To Concrete Decks, Add	*27.88*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*28.61*	
07 54 19 00-0013	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	283.90	56.85
		For Up To 10, Add	*79.52*	
		For >10 To 20, Add	*45.45*	
		For >20 To 40, Add	*25.57*	
		For >75 To 100, Deduct	*-12.78*	
		For >100 To 200, Deduct	*-28.41*	
		For >200, Deduct	*-41.19*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*41.16*	
		For Mechanically Fastened To Concrete Decks, Add	*28.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*29.16*	

07 54 19 00-0014 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories *(07 54 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0015	SQ	Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat	45.61	
		For Up To 10, Add	*12.62*	
		For >10 To 20, Add	*7.18*	
		For >20 To 40, Add	*4.03*	
		For >75 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-4.47*	
		For >200, Deduct	*-6.48*	
07 54 19 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat Note: 55% solids by volume.	47.02	
		For Up To 10, Add	*12.90*	
		For >10 To 20, Add	*7.33*	
		For >20 To 40, Add	*4.10*	
		For >75 To 100, Deduct	*-2.05*	
		For >100 To 200, Deduct	*-4.54*	
		For >200, Deduct	*-6.59*	
07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	46.69	7.43
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	64.38	8.31
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	81.55	9.18
07 54 19 00-0020	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	102.38	9.18
07 54 19 00-0021	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	19.93	5.07
07 54 19 00-0022	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing	5.22	1.31
07 54 19 00-0023	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing	6.52	1.96
07 54 19 00-0024	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.	6.83	1.31

07 54 23 Thermoplastic-Polyolefin Roofing *(07 54)*

07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes *(07 54 23)*

Note: Includes polyester fabric reinforcement and hot air welding of seams.

07 54 23 00-0002	SQ	45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered Note: Includes adhesive.	248.46	69.97
		For Up To 10, Add	*77.68*	
		For >10 To 20, Add	*45.84*	
		For >20 To 40, Add	*26.42*	
		For >75 To 100, Deduct	*-13.21*	
		For >100 To 200, Deduct	*-29.91*	
		For >200, Deduct	*-43.12*	
		For 15 Year Warranty, Add	*3.00*	
		For Low VOC Adhesive, Add	*59.62*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0003	SQ	60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered Note: Includes adhesive.	263.55	72.16
		For Up To 10, Add	*81.57*	
		For >10 To 20, Add	*48.00*	
		For >20 To 40, Add	*27.61*	
		For >75 To 100, Deduct	*-13.80*	
		For >100 To 200, Deduct	*-31.22*	
		For >200, Deduct	*-45.02*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low VOC Adhesive, Add	*59.62*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0004	SQ	80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered Note: Includes adhesive.	322.98	74.34
		For Up To 10, Add	*94.33*	
		For >10 To 20, Add	*54.60*	
		For >20 To 40, Add	*31.02*	
		For >75 To 100, Deduct	*-15.51*	
		For >100 To 200, Deduct	*-34.73*	
		For >200, Deduct	*-50.24*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Low VOC Adhesive, Add	*59.62*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0005	SQ	45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	172.29	52.47
		For Up To 10, Add	*55.45*	
		For >10 To 20, Add	*32.97*	
		For >20 To 40, Add	*19.11*	
		For >75 To 100, Deduct	*-9.55*	
		For >100 To 200, Deduct	*-21.73*	
		For >200, Deduct	*-31.29*	
		For 15 Year Warranty, Add	*3.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*26.24*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*26.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0006	SQ	60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	187.39	54.66
		For Up To 10, Add	*59.34*	
		For >10 To 20, Add	*35.14*	
		For >20 To 40, Add	*20.30*	
		For >75 To 100, Deduct	*-10.15*	
		For >100 To 200, Deduct	*-23.04*	
		For >200, Deduct	*-33.19*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*27.33*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*28.06*	
07 54 23 00-0007	SQ	80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	246.82	56.85
		For Up To 10, Add	*72.10*	
		For >10 To 20, Add	*41.74*	
		For >20 To 40, Add	*23.71*	
		For >75 To 100, Deduct	*-11.86*	
		For >100 To 200, Deduct	*-26.55*	
		For >200, Deduct	*-38.41*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*6.00*	
		For 25 Year Warranty, Add	*8.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*28.43*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*29.16*	

07 54 23 00-0008 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories *(07 54 23)*

07 54 23 00-0009	SQ	Acrylic, TPO Roofing Primer, Price Per Coat	53.34	
		For Up To 10, Add	*14.17*	
		For >10 To 20, Add	*7.96*	
		For >20 To 40, Add	*4.42*	
		For >75 To 100, Deduct	*-2.21*	
		For >100 To 200, Deduct	*-4.85*	
		For >200, Deduct	*-7.06*	
07 54 23 00-0010	SQ	Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat Note: 55% solids by volume.	47.02	
		For Up To 10, Add	*12.90*	
		For >10 To 20, Add	*7.33*	
		For >20 To 40, Add	*4.10*	
		For >75 To 100, Deduct	*-2.05*	
		For >100 To 200, Deduct	*-4.54*	
		For >200, Deduct	*-6.59*	
		For Tan Or Gray Color, Add	*1.48*	
07 54 23 00-0011	EA	Up To 3" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	40.79	7.43
07 54 23 00-0012	EA	>3" To 8" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	44.18	8.31
07 54 23 00-0013	EA	6" Diameter, Prefabricated TPO Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	77.79	9.18
07 54 23 00-0014	LF	30" Wide, TPO Walkway Protection Pad	19.72	5.07
07 54 23 00-0015	SF	TPO Membrane Base Flashing	5.43	1.31
07 54 23 00-0016	SF	TPO Curb Flashing	5.12	1.31
		For Tan Or Gray Color, Add	*0.06*	
07 54 23 00-0017	SF	TPO Clad Edge Metal Or Base Flashing Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	7.65	1.31

07 55 Protected Membrane Roofing *(07 50)*

See CSI section 07 26 13 00-0000 for wood deck building paper.

07 56 Fluid-Applied Roofing *(07 50)*

07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats *(07 56)*

07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing	874.75	116.24
		For Each Additional Coat, Add	*131.21*	

07 56 00 00-0003 Vinyl Spray Liquid Roofing *(07 56)*

07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing	806.00	122.50
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing	901.64	136.81

07 56 00 00-0006 Silicone Elastomeric Liquid Roofing *(07 56)*

07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	281.26	70.20
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	349.30	70.20
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	400.46	70.20

07 56 00 00-0010 Rubberized Acrylic Roof Coating, Sprayed On *(07 56)*

Note: As manufactured by Tru-Co, Inc.

07 56 00 00-0011 Rubberized Acrylic Roof Coating, Sprayed On Assemblies *(07 56 00 00-0010)*

07 56 00 00-0012	SQ	Elastomeric Installation Over Urethane Foam	662.85	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	07 56 00 00-0013	SQ	Elastomeric Installation Over Decks	680.71	
	07 56 00 00-0014	SQ	Elastomeric Installation Over Exterior, Waterproofing	278.97	
	07 56 00 00-0015	SQ	Installation Over Existing Tar (Asphalt) And Gravel Roof	856.36	
	07 56 00 00-0016	SQ	Installation Over New Construction, Waterproofing	489.24	
	07 56 00 00-0017	SQ	Installation Over Mobile Home	320.85	
	07 56 00 00-0018	SQ	Installation Over Corrugated Metal Roofs	378.47	
	07 56 00 00-0019	SQ	Installation Over Granulate Mineral Surface, BUR Cap Sheet (Semi-Smooth) Surface	720.45	
	07 56 00 00-0020	SQ	4" Acrylic Gel With Fabric (Apply At Edges)	2.51	
	07 56 00 00-0021	SQ	6" Acrylic Gel With Fabric (Apply At Edges)	3.53	
	07 56 00 00-0022		Polyurethane Roof Coating, Sprayed On Assemblies *(07 56)*		
			Note: Includes pressure wash, primer, base coat, polyester reinforcement, top coat and finish coat.		
	07 56 00 00-0023	SF	Up To 50 SF White (High-Albedo) Polyurethane Coating	9.96	
	07 56 00 00-0024	SF	>50 To 100 SF White (High-Albedo) Polyurethane Coating	9.58	
	07 56 00 00-0025	SF	>100 To 500 SF White (High-Albedo) Polyurethane Coating	9.21	
	07 56 00 00-0026	SEA	>500 To 1,000 SF White (High-Albedo) Polyurethane Coating	8.75	
	07 56 00 00-0027		Elastomeric Asphalt/Urethane Liquid Roofing Membrane *(07 56)*		
	07 56 00 00-0028	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane	888.36	70.20
			Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat.		
	07 56 00 00-0029		Urethane Liquid Roofing Membrane *(07 56)*		
			Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.		
	07 56 00 00-0030	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	57.48	
	07 56 00 00-0031	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	4.00	
	07 56 00 00-0032	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	218.20	
	07 56 00 00-0033	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System	57.99	
	07 56 00 00-0034	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	530.74	
	07 56 00 00-0035	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	797.67	
	07 56 00 00-0036	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	548.89	
	07 56 00 00-0037	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ)	145.44	

07 57 Coated Foamed Roofing *(07 50)*

07 57 13 Sprayed Polyurethane Foam Roofing *(07 57)*

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

	07 57 13 00-0001		Sprayed Polyurethane Foam Roofing Systems *(07 57 13)*		
	07 57 13 00-0002		Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating *(07 57 13 00-0001)*		
	07 57 13 00-0003		Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*		
			Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.		
	07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	280.60	42.59
	07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	336.19	45.64
	07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	391.78	48.68
	07 57 13 00-0007	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	513.95	54.76
	07 57 13 00-0008	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	614.13	60.85
	07 57 13 00-0009	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	725.30	66.94
	07 57 13 00-0010	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	836.46	73.02
	07 57 13 00-0011		Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*		
			Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.		
	07 57 13 00-0012	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	289.16	42.59
	07 57 13 00-0013	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	344.75	45.64
	07 57 13 00-0014	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	400.34	48.68
	07 57 13 00-0015	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	511.51	54.76
	07 57 13 00-0016	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	622.69	60.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0017	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	733.85	66.94
07 57 13 00-0018	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	845.02	73.02
07 57 13 00-0019		Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)* Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0020	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	309.95	42.59
07 57 13 00-0021	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	363.70	45.64
07 57 13 00-0022	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	417.46	48.68
07 57 13 00-0023	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	528.62	54.76
07 57 13 00-0024	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	685.53	60.85
07 57 13 00-0025	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	805.99	66.94
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	926.45	73.02
07 57 13 00-0027		Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating *(07 57 13 00-0001)*		
07 57 13 00-0028		Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating *(07 57 13 00-0027)* Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0029	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	316.06	42.59
07 57 13 00-0030	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	376.30	45.64
07 57 13 00-0031	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	436.53	48.68
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	556.99	54.76
07 57 13 00-0033	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	677.46	60.85
07 57 13 00-0034	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	797.92	66.94
07 57 13 00-0035	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	918.38	73.02
07 57 13 00-0036		Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating *(07 57 13 00-0027)* Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0037	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	328.16	42.59
07 57 13 00-0038	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	388.40	45.64
07 57 13 00-0039	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	448.63	48.68
07 57 13 00-0040	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	569.09	54.76
07 57 13 00-0041	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	689.56	60.85
07 57 13 00-0042	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	810.02	66.94
07 57 13 00-0043	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	930.48	73.02
07 57 13 00-0044		Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating *(07 57 13 00-0027)* Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0045	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	337.58	42.59
07 57 13 00-0046	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	397.81	45.64
07 57 13 00-0047	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	458.05	48.68
07 57 13 00-0048	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	578.51	54.76
07 57 13 00-0049	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	698.98	60.85
07 57 13 00-0050	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	819.44	66.94
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	939.89	73.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 58 Roll Roofing *(07 50)*

07 58 00 00-0001 Prepared Roll Roofing *(07 58)*

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002	SQ	Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing	140.37	27.39

07 59 Membrane Roofing Termination Bar *(07 50)*

07 59 00 00-0001 Membrane Roofing Termination Bar *(07 59)*

07 59 00 00-0002	LF	Membrane Roofing Termination Bar Note: Includes fasteners and caulking.	3.56	1.25

07 60 Flashing And Sheet Metal *(07)*

07 61 Sheet Metal Roofing *(07 60)*

07 61 13 Standing Seam Sheet Metal Roofing *(07 61)*

07 61 13 00-0001 Standing Seam Concealed Fastener Roofing *(07 61 13)*

07 61 13 00-0002 Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0003	SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing	15.57	2.79
		For Steep Roof, Over 6 To 12, Add	*1.67*	
		For 140 MPH Wind Load, Add	*0.76*	
		For Panels <16" Wide, Add	*1.81*	
		For Up To 1,500, Add	*3.89*	
		For >1,500 To 5,000, Add	*2.34*	
		For >5,000 To 10,000, Add	*0.39*	
07 61 13 00-0004	SF	Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing	17.02	3.02
		For Steep Roof, Over 6 To 12, Add	*1.81*	
		For 140 MPH Wind Load, Add	*0.82*	
		For Panels <16" Wide, Add	*1.97*	
		For Up To 1,500, Add	*4.26*	
		For >1,500 To 5,000, Add	*2.55*	
		For >5,000 To 10,000, Add	*0.43*	
07 61 13 00-0005	SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing	19.76	3.29
		For Steep Roof, Over 6 To 12, Add	*1.98*	
		For 140 MPH Wind Load, Add	*0.92*	
		For Panels <16" Wide, Add	*2.21*	
		For Up To 1,500, Add	*4.94*	
		For >1,500 To 5,000, Add	*2.96*	
		For >5,000 To 10,000, Add	*0.49*	

07 61 13 00-0006 Zinc/Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0007	SF	0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	17.94	3.02
		For Steep Roof, Over 6 To 12, Add	*1.81*	
		For 140 MPH Wind Load, Add	*0.84*	
		For Panels <16" Wide, Add	*2.01*	
		For Up To 1,500, Add	*4.49*	
		For >1,500 To 5,000, Add	*2.69*	
		For >5,000 To 10,000, Add	*0.45*	
		For Tin/Copper, Deduct	*-0.24*	
07 61 13 00-0008	SF	0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	21.18	3.15
		For Steep Roof, Over 6 To 12, Add	*1.89*	
		For 140 MPH Wind Load, Add	*0.93*	
		For Panels <16" Wide, Add	*2.22*	
		For Up To 1,500, Add	*5.30*	
		For >1,500 To 5,000, Add	*3.18*	
		For >5,000 To 10,000, Add	*0.53*	
		For Tin/Copper, Deduct	*-0.30*	
07 61 13 00-0009	SF	0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	23.76	3.29
		For Steep Roof, Over 6 To 12, Add	*1.98*	
		For 140 MPH Wind Load, Add	*1.00*	
		For Panels <16" Wide, Add	*2.41*	
		For Up To 1,500, Add	*5.94*	
		For >1,500 To 5,000, Add	*3.56*	
		For >5,000 To 10,000, Add	*0.59*	
		For Tin/Copper, Deduct	*-0.34*	
07 61 13 00-0010	SF	0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	29.05	3.46
		For Steep Roof, Over 6 To 12, Add	*2.07*	
		For 140 MPH Wind Load, Add	*1.13*	
		For Panels <16" Wide, Add	*2.73*	
		For Up To 1,500, Add	*7.26*	
		For >1,500 To 5,000, Add	*4.36*	
		For >5,000 To 10,000, Add	*0.73*	
		For Tin/Copper, Deduct	*-0.44*	

07 61 13 00-0011 Accessories For Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0012	LF	Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing	60.47	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*2.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13 00-0013	LF	Eave Flashing For Copper Standing Seam Concealed Fastener Roofing	38.16	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*1.92*	
07 61 13 00-0014	LF	Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	81.55	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*2.78*	
07 61 13 00-0015	LF	Hip Flashing For Copper Standing Seam Concealed Fastener Roofing	62.13	5.76
		For Steep Roof, Over 6 To 12, Add	*4.32*	
		For 140 MPH Wind Load, Add	*2.40*	

07 61 16 Batten Seam Sheet Metal Roofing *(07 61)*

07 61 16 00-0001 Copper Batten Seam Concealed Fastener Roofing *(07 61 16)*

07 61 16 00-0002 Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0003	SF	16 Ounce Copper Batten Seam Concealed Fastener Roofing	19.03	3.29
		For Steep Roof, Over 6 To 12, Add	*1.98*	
		For 140 MPH Wind Load, Add	*0.91*	
		For Panels <16" Wide, Add	*2.17*	
		For Up To 1,500, Add	*4.76*	
		For >1,500 To 5,000, Add	*2.85*	
		For >5,000 To 10,000, Add	*0.48*	
07 61 16 00-0004	SF	18 Ounce Copper Batten Seam Concealed Fastener Roofing	20.82	3.47
		For Steep Roof, Over 6 To 12, Add	*2.08*	
		For 140 MPH Wind Load, Add	*0.97*	
		For Panels <16" Wide, Add	*2.32*	
		For Up To 1,500, Add	*5.21*	
		For >1,500 To 5,000, Add	*3.12*	
		For >5,000 To 10,000, Add	*0.52*	
07 61 16 00-0005	SF	20 Ounce Copper Batten Seam Concealed Fastener Roofing	23.83	3.63
		For Steep Roof, Over 6 To 12, Add	*2.17*	
		For 140 MPH Wind Load, Add	*1.06*	
		For Panels <16" Wide, Add	*2.53*	
		For Up To 1,500, Add	*5.96*	
		For >1,500 To 5,000, Add	*3.57*	
		For >5,000 To 10,000, Add	*0.60*	

07 61 16 00-0006 Zinc/Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0007	SF	0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	18.97	3.02
		For Steep Roof, Over 6 To 12, Add	*1.81*	
		For 140 MPH Wind Load, Add	*0.86*	
		For Panels <16" Wide, Add	*2.07*	
		For Up To 1,500, Add	*4.74*	
		For >1,500 To 5,000, Add	*2.85*	
		For >5,000 To 10,000, Add	*0.47*	
		For Tin/Copper, Deduct	*-0.26*	
07 61 16 00-0008	SF	0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	22.65	3.15
		For Steep Roof, Over 6 To 12, Add	*1.89*	
		For 140 MPH Wind Load, Add	*0.96*	
		For Panels <16" Wide, Add	*2.30*	
		For Up To 1,500, Add	*5.66*	
		For >1,500 To 5,000, Add	*3.40*	
		For >5,000 To 10,000, Add	*0.57*	
		For Tin/Copper, Deduct	*-0.33*	
07 61 16 00-0009	SF	0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	25.13	3.29
		For Steep Roof, Over 6 To 12, Add	*1.98*	
		For 140 MPH Wind Load, Add	*1.03*	
		For Panels <16" Wide, Add	*2.48*	
		For Up To 1,500, Add	*6.28*	
		For >1,500 To 5,000, Add	*3.77*	
		For >5,000 To 10,000, Add	*0.63*	
		For Tin/Copper, Deduct	*-0.37*	
07 61 16 00-0010	SF	0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	30.80	3.46
		For Steep Roof, Over 6 To 12, Add	*2.07*	
		For 140 MPH Wind Load, Add	*1.17*	
		For Panels <16" Wide, Add	*2.82*	
		For Up To 1,500, Add	*7.70*	
		For >1,500 To 5,000, Add	*4.62*	
		For >5,000 To 10,000, Add	*0.77*	
		For Tin/Copper, Deduct	*-0.48*	

07 61 19 Flat Seam Sheet Metal Roofing *(07 61)*

07 61 19 00-0001 Copper Flat Seam Concealed Fastener Roofing *(07 61 19)*

07 61 19 00-0002 Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*

07 61 19 00-0003	SF	16 Ounce Copper Flat Seam Concealed Fastener Roofing	15.21	3.02
		For Steep Roof, Over 6 To 12, Add	*1.81*	
		For 140 MPH Wind Load, Add	*0.79*	
		For Panels <16" Wide, Add	*1.88*	
		For Up To 1,500, Add	*3.80*	
		For >1,500 To 5,000, Add	*2.28*	
		For >5,000 To 10,000, Add	*0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 19 00-0004	SF	18 Ounce Copper Flat Seam Concealed Fastener Roofing	16.55	3.15
		For Steep Roof, Over 6 To 12, Add	*1.89*	
		For 140 MPH Wind Load, Add	*0.84*	
		For Panels <16" Wide, Add	*1.99*	
		For Up To 1,500, Add	*4.14*	
		For >1,500 To 5,000, Add	*2.48*	
		For >5,000 To 10,000, Add	*0.41*	
07 61 19 00-0005	SF	20 Ounce Copper Flat Seam Concealed Fastener Roofing	18.79	3.29
		For Steep Roof, Over 6 To 12, Add	*1.98*	
		For 140 MPH Wind Load, Add	*0.90*	
		For Panels <16" Wide, Add	*2.16*	
		For Up To 1,500, Add	*4.70*	
		For >1,500 To 5,000, Add	*2.82*	
		For >5,000 To 10,000, Add	*0.47*	
07 61 19 00-0006		Zinc/Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*		
07 61 19 00-0007	SF	0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	17.02	3.02
		For Steep Roof, Over 6 To 12, Add	*1.81*	
		For 140 MPH Wind Load, Add	*0.82*	
		For Panels <16" Wide, Add	*1.97*	
		For Up To 1,500, Add	*4.26*	
		For >1,500 To 5,000, Add	*2.55*	
		For >5,000 To 10,000, Add	*0.43*	
		For Tin/Copper, Deduct	*-0.22*	
07 61 19 00-0008	SF	0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	20.21	3.15
		For Steep Roof, Over 6 To 12, Add	*1.89*	
		For 140 MPH Wind Load, Add	*0.91*	
		For Panels <16" Wide, Add	*2.18*	
		For Up To 1,500, Add	*5.05*	
		For >1,500 To 5,000, Add	*3.03*	
		For >5,000 To 10,000, Add	*0.51*	
		For Tin/Copper, Deduct	*-0.28*	
07 61 19 00-0009	SF	0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	22.44	3.29
		For Steep Roof, Over 6 To 12, Add	*1.98*	
		For 140 MPH Wind Load, Add	*0.98*	
		For Panels <16" Wide, Add	*2.34*	
		For Up To 1,500, Add	*5.61*	
		For >1,500 To 5,000, Add	*3.37*	
		For >5,000 To 10,000, Add	*0.56*	
		For Tin/Copper, Deduct	*-0.32*	
07 61 19 00-0010	SF	0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	27.39	3.46
		For Steep Roof, Over 6 To 12, Add	*2.07*	
		For 140 MPH Wind Load, Add	*1.10*	
		For Panels <16" Wide, Add	*2.65*	
		For Up To 1,500, Add	*6.85*	
		For >1,500 To 5,000, Add	*4.11*	
		For >5,000 To 10,000, Add	*0.68*	
		For Tin/Copper, Deduct	*-0.41*	

07 62 Sheet Metal Flashing And Trim *(07 60)*

07 62 13 Fabricated Copings *(07 62)*

07 62 13 00-0001 Lead Flashing And Trim *(07 62 13)*

07 62 13 00-0002	SF	2.5 LB/SF Sheet Lead Flashing	15.85	4.67
		For Up To 100, Add	*3.96*	
07 62 13 00-0003	SF	4 LB/SF Sheet Lead Flashing	20.01	4.67
		For Up To 100, Add	*5.00*	

07 62 13 00-0004 Copper Flashing And Trim *(07 62 13)*

07 62 13 00-0005 Copper Flashing And Trim *(07 62 13 00-0004)*

07 62 13 00-0006	SF	16 Ounce, 0.021" Thick, Copper Flashing And Trim	21.28	4.56
		For Up To 100, Add	*5.32*	
		For >500 To 2,000, Deduct	*-2.95*	
		For >2,000, Deduct	*-3.56*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.81*	
		For Wrap Around Window Panning, Add	*9.03*	
07 62 13 00-0007	SF	20 Ounce, 0.027" Thick, Copper Flashing And Trim	22.00	4.67
		For Up To 100, Add	*5.50*	
		For >500 To 2,000, Deduct	*-3.05*	
		For >2,000, Deduct	*-3.68*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.89*	
		For Wrap Around Window Panning, Add	*9.44*	
07 62 13 00-0008	SF	24 Ounce, 0.032" Thick, Copper Flashing And Trim	24.96	4.99
		For Up To 100, Add	*6.24*	
		For >500 To 2,000, Deduct	*-3.44*	
		For >2,000, Deduct	*-4.20*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*1.98*	
		For Wrap Around Window Panning, Add	*9.89*	
07 62 13 00-0009	SF	32 Ounce, 0.043" Thick, Copper Flashing And Trim	30.47	5.19
		For Up To 100, Add	*7.62*	
		For >500 To 2,000, Deduct	*-4.17*	
		For >2,000, Deduct	*-5.17*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.08*	
		For Wrap Around Window Panning, Add	*10.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0010		Stainless Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0011		Stainless Steel Flashing And Trim *(07 62 13 00-0010)*		
07 62 13 00-0012	SF	32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	8.60	2.49
		For Up To 100, Add	*2.15*	
		For Wrap Around Window Panning, Add	*6.41*	
		For Mechanically Keyed Flashing, Add	*0.88*	
07 62 13 00-0013	SF	30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim	9.25	2.80
		For Up To 100, Add	*2.31*	
		For Wrap Around Window Panning, Add	*6.51*	
		For Mechanically Keyed Flashing, Add	*1.10*	
07 62 13 00-0014	SF	28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim	9.90	3.12
		For Up To 100, Add	*2.48*	
		For Wrap Around Window Panning, Add	*6.62*	
		For Mechanically Keyed Flashing, Add	*1.31*	
07 62 13 00-0015	SF	26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim	10.95	3.43
		For Up To 100, Add	*2.74*	
		For Wrap Around Window Panning, Add	*6.84*	
		For Mechanically Keyed Flashing, Add	*1.64*	
07 62 13 00-0016	SF	24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	12.68	3.64
		For Up To 100, Add	*3.17*	
		For Wrap Around Window Panning, Add	*7.21*	
		For Mechanically Keyed Flashing, Add	*2.19*	
07 62 13 00-0017	SF	22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim	13.81	3.82
		For Up To 100, Add	*3.45*	
		For Wrap Around Window Panning, Add	*7.63*	
		For Mechanically Keyed Flashing, Add	*2.47*	
07 62 13 00-0018	SF	20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim	14.77	4.05
		For Up To 100, Add	*3.69*	
		For Wrap Around Window Panning, Add	*8.08*	
		For Mechanically Keyed Flashing, Add	*2.68*	
07 62 13 00-0019		Aluminum Flashing And Trim *(07 62 13)*		
07 62 13 00-0020		Aluminum Flashing And Trim *(07 62 13 00-0019)*		
07 62 13 00-0021	SF	0.013" Thick, Mill Finish, Aluminum Flashing And Trim	9.02	3.22
		For Up To 100, Add	*2.26*	
		For Baked Aluminum Colors, Add	*0.19*	
		For Wrap Around Window Panning, Add	*7.16*	
07 62 13 00-0022	SF	0.016" Thick, Mill Finish, Aluminum Flashing And Trim	9.42	3.22
		For Up To 100, Add	*2.36*	
		For Baked Aluminum Colors, Add	*0.23*	
		For Wrap Around Window Panning, Add	*7.16*	
07 62 13 00-0023	SF	0.019" Thick, Mill Finish, Aluminum Flashing And Trim	9.75	3.22
		For Up To 100, Add	*2.44*	
		For Baked Aluminum Colors, Add	*0.26*	
		For Wrap Around Window Panning, Add	*7.16*	
07 62 13 00-0024	SF	0.024" Thick, Mill Finish, Aluminum Flashing And Trim	10.21	3.22
		For Up To 100, Add	*2.55*	
		For Baked Aluminum Colors, Add	*0.31*	
		For Wrap Around Window Panning, Add	*7.16*	
07 62 13 00-0025	SF	0.032" Thick, Mill Finish, Aluminum Flashing And Trim	10.86	3.22
		For Up To 100, Add	*2.72*	
		For Baked Aluminum Colors, Add	*0.37*	
		For Wrap Around Window Panning, Add	*7.16*	
07 62 13 00-0026	SF	0.040" Thick, Mill Finish, Aluminum Flashing And Trim	11.26	3.22
		For Up To 100, Add	*2.82*	
		For Baked Aluminum Colors, Add	*0.41*	
		For Wrap Around Window Panning, Add	*7.16*	
07 62 13 00-0027	SF	0.050" Thick, Mill Finish, Aluminum Flashing And Trim	11.58	3.22
		For Up To 100, Add	*2.90*	
		For Baked Aluminum Colors, Add	*0.44*	
		For Wrap Around Window Panning, Add	*7.16*	
07 62 13 00-0028		Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0029		Galvanized Steel Flashing And Trim *(07 62 13 00-0028)*		
07 62 13 00-0030	SF	28 Gauge, 0.019" Thick, Galvanized Steel Flashing	9.87	3.12
		For Up To 100, Add	*2.47*	
		For Wrap Around Window Panning, Add	*6.62*	
07 62 13 00-0031	SF	26 Gauge, 0.022" Thick, Galvanized Steel Flashing	10.27	3.43
		For Up To 100, Add	*2.57*	
		For Wrap Around Window Panning, Add	*6.84*	
07 62 13 00-0032	SF	24 Gauge, 0.028" Thick, Galvanized Steel Flashing	10.91	3.64
		For Up To 100, Add	*2.73*	
		For Wrap Around Window Panning, Add	*7.21*	
07 62 13 00-0033	SF	22 Gauge, 0.034" Thick, Galvanized Steel Flashing	11.60	3.82
		For Up To 100, Add	*2.90*	
		For Wrap Around Window Panning, Add	*7.63*	
07 62 13 00-0034	SF	20 Gauge, 0.04" Thick, Galvanized Steel Flashing	12.52	4.05
		For Up To 100, Add	*3.13*	
		For Wrap Around Window Panning, Add	*8.08*	

07 62 19 Fabricated Gravel Stops and Fasciae *(07 62)*

07 62 19 00-0001		Aluminum Drip Edge *(07 62 19)* Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0002		KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0001)*		
07 62 19 00-0003		0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0004	LF	Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	3.89	0.91
07 62 19 00-0005	LF	>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.63	0.91
07 62 19 00-0006	LF	>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.07	0.91
07 62 19 00-0007	LF	>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.95	0.91
07 62 19 00-0008	LF	>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.52	0.91
07 62 19 00-0009		0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0010	LF	Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.14	0.91
07 62 19 00-0011	LF	>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.91	0.91
07 62 19 00-0012	LF	>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.49	0.91
07 62 19 00-0013	LF	>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.45	0.91
07 62 19 00-0014	LF	>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.99	0.91
07 62 19 00-0015		0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0016	LF	Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.39	0.91
07 62 19 00-0017	LF	>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.24	0.91
07 62 19 00-0018	LF	>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.89	0.91
07 62 19 00-0019	LF	>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.94	0.91
07 62 19 00-0020	LF	>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.65	0.91
07 62 19 00-0021		0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0022	LF	Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.88	0.91
07 62 19 00-0023	LF	>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.90	0.91
07 62 19 00-0024	LF	>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.67	0.91
07 62 19 00-0025	LF	>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.93	0.91
07 62 19 00-0026	LF	>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.97	0.91
07 62 19 00-0027		0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0028	LF	Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.05	0.91
07 62 19 00-0029	LF	>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.15	0.91
07 62 19 00-0030	LF	>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.93	0.91
07 62 19 00-0031	LF	>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.26	0.91
07 62 19 00-0032	LF	>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	10.41	0.91
07 62 19 00-0033		0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0034	LF	Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.62	0.91
07 62 19 00-0035	LF	>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.89	0.91
07 62 19 00-0036	LF	>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.84	0.91
07 62 19 00-0037	LF	>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.42	0.91
07 62 19 00-0038	LF	>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	11.95	0.91
07 62 19 00-0039		0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0040	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.45	0.91
07 62 19 00-0041	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.99	0.91
07 62 19 00-0042	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.14	0.91
07 62 19 00-0043	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	11.07	0.91
07 62 19 00-0044	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.15	0.91
07 62 19 00-0045		0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0046	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.44	0.91
07 62 19 00-0047	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.31	0.91
07 62 19 00-0048	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	10.71	0.91
07 62 19 00-0049	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.05	0.91
07 62 19 00-0050	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.79	0.91
07 62 19 00-0051		Mill Finish, Aluminum Drip Edge *(07 62 19 00-0001)*		
07 62 19 00-0052		0.016" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0051)*		
07 62 19 00-0053	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	3.25	0.91
07 62 19 00-0054	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	3.76	0.91
07 62 19 00-0055	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	4.07	0.91
07 62 19 00-0056	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	4.67	0.91
07 62 19 00-0057	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	5.76	0.91
07 62 19 00-0058		0.019" Thick, Mill Finish, Aluminum Drip Edge *(07 62 19 00-0051)*		
07 62 19 00-0059	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	3.42	0.91
07 62 19 00-0060	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	3.95	0.91
07 62 19 00-0061	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	4.35	0.91
07 62 19 00-0062	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	5.02	0.91
07 62 19 00-0063	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	6.08	0.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0064		**0.025" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0051)*		
07 62 19 00-0065	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	3.59	0.91
07 62 19 00-0066	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	4.18	0.91
07 62 19 00-0067	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	4.63	0.91
07 62 19 00-0068	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	5.36	0.91
07 62 19 00-0069	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	6.53	0.91
07 62 19 00-0070		**0.032" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0051)*		
07 62 19 00-0071	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	3.93	0.91
07 62 19 00-0072	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	4.64	0.91
07 62 19 00-0073	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	5.17	0.91
07 62 19 00-0074	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	6.04	0.91
07 62 19 00-0075	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	7.44	0.91
07 62 19 00-0076		**0.040" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0051)*		
07 62 19 00-0077	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	4.05	0.91
07 62 19 00-0078	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	4.81	0.91
07 62 19 00-0079	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	5.35	0.91
07 62 19 00-0080	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	6.27	0.91
07 62 19 00-0081	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	7.75	0.91
07 62 19 00-0082		**0.050" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0051)*		
07 62 19 00-0083	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	4.45	0.91
07 62 19 00-0084	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	5.32	0.91
07 62 19 00-0085	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	5.97	0.91
07 62 19 00-0086	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	7.06	0.91
07 62 19 00-0087	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	8.81	0.91
07 62 19 00-0088		**0.063" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0051)*		
07 62 19 00-0089	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	5.02	0.91
07 62 19 00-0090	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	6.08	0.91
07 62 19 00-0091	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	6.87	0.91
07 62 19 00-0092	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	8.20	0.91
07 62 19 00-0093	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	10.32	0.91
07 62 19 00-0094		**0.080" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0051)*		
07 62 19 00-0095	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	5.70	0.91
07 62 19 00-0096	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	6.99	0.91
07 62 19 00-0097	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	7.95	0.91
07 62 19 00-0098	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	9.57	0.91
07 62 19 00-0099	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	12.15	0.91
07 62 19 00-0100		**Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0001)*		
07 62 19 00-0101		**0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0100)*		
07 62 19 00-0102	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.02	0.91
07 62 19 00-0103	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.80	0.91
07 62 19 00-0104	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.27	0.91
07 62 19 00-0105	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.20	0.91
07 62 19 00-0106	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.86	0.91
07 62 19 00-0107		**0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0100)*		
07 62 19 00-0108	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.28	0.91
07 62 19 00-0109	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.09	0.91
07 62 19 00-0110	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.71	0.91
07 62 19 00-0111	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.73	0.91
07 62 19 00-0112	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.36	0.91
07 62 19 00-0113		**0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0100)*		
07 62 19 00-0114	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.54	0.91
07 62 19 00-0115	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.44	0.91
07 62 19 00-0116	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.13	0.91
07 62 19 00-0117	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.25	0.91
07 62 19 00-0118	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	9.06	0.91
07 62 19 00-0119		**0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0100)*		
07 62 19 00-0120	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.07	0.91
07 62 19 00-0121	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.14	0.91
07 62 19 00-0122	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.96	0.91
07 62 19 00-0123	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.30	0.91
07 62 19 00-0124	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	10.46	0.91
07 62 19 00-0125		**0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0100)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0126	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.24	0.91
07 62 19 00-0127	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.41	0.91
07 62 19 00-0128	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.24	0.91
07 62 19 00-0129	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.65	0.91
07 62 19 00-0130	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	10.92	0.91
07 62 19 00-0131		0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0100)*		
07 62 19 00-0132	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.85	0.91
07 62 19 00-0133	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.19	0.91
07 62 19 00-0134	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.20	0.91
07 62 19 00-0135	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	9.87	0.91
07 62 19 00-0136	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	12.55	0.91
07 62 19 00-0137		0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0100)*		
07 62 19 00-0138	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	6.73	0.91
07 62 19 00-0139	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	8.36	0.91
07 62 19 00-0140	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	9.58	0.91
07 62 19 00-0141	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	11.62	0.91
07 62 19 00-0142	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.89	0.91
07 62 19 00-0143		0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0100)*		
07 62 19 00-0144	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	7.78	0.91
07 62 19 00-0145	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	9.76	0.91
07 62 19 00-0146	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	11.24	0.91
07 62 19 00-0147	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	13.72	0.91
07 62 19 00-0148	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	17.68	0.91
07 62 19 00-0149		Galvanized Steel Drip Edge *(07 62 19)* Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0150		Galvanized Steel Drip Edge *(07 62 19 00-0149)*		
07 62 19 00-0151		26 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0152	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	4.17	0.91
07 62 19 00-0153	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge	4.97	0.91
07 62 19 00-0154	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge	5.54	0.91
07 62 19 00-0155	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge	6.51	0.91
07 62 19 00-0156	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge	8.07	0.91
07 62 19 00-0157		24 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0158	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	4.52	0.91
07 62 19 00-0159	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge	5.44	0.91
07 62 19 00-0160	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge	6.10	0.91
07 62 19 00-0161	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge	7.22	0.91
07 62 19 00-0162	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge	9.00	0.91
07 62 19 00-0163		KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0149)*		
07 62 19 00-0164		26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0163)*		
07 62 19 00-0165	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	5.22	0.91
07 62 19 00-0166	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	6.38	0.91
07 62 19 00-0167	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	7.21	0.91
07 62 19 00-0168	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	8.62	0.91
07 62 19 00-0169	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	10.88	0.91
07 62 19 00-0170		24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0163)*		
07 62 19 00-0171	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	5.73	0.91
07 62 19 00-0172	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	7.07	0.91
07 62 19 00-0173	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	8.02	0.91
07 62 19 00-0174	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	9.63	0.91
07 62 19 00-0175	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	12.24	0.91
07 62 19 00-0176		Stainless Steel Drip Edge *(07 62 19)* Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0177		26 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0176)*		
07 62 19 00-0178	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge	4.94	0.91
07 62 19 00-0179	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge	5.97	0.91
07 62 19 00-0180	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge	6.75	0.91
07 62 19 00-0181	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge	8.05	0.91
07 62 19 00-0182	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge	10.12	0.91
07 62 19 00-0183		24 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0176)*		
07 62 19 00-0184	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge	5.92	0.91
07 62 19 00-0185	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge	7.28	0.91
07 62 19 00-0186	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge	8.31	0.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0187	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge	10.00	0.91
07 62 19 00-0188	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge	12.73	0.91
07 62 19 00-0189		22 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0176)*		
07 62 19 00-0190	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge	7.07	0.91
07 62 19 00-0191	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge	8.81	0.91
07 62 19 00-0192	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge	10.13	0.91
07 62 19 00-0193	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge	12.31	0.91
07 62 19 00-0194	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge	15.80	0.91

07 63 Sheet Metal Roofing Specialties *(07 60)*

07 63 00 00-0001		Pitch Pockets *(07 63)* Note: Cut into deck, filled with non-shrink grout, includes blocking.		
07 63 00 00-0002		24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*		
07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	61.92	
		For Pourable Sealer Filled, Add	*22.42*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*11.22*	
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	73.15	
		For Pourable Sealer Filled, Add	*50.48*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*25.31*	
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	87.85	
		For Pourable Sealer Filled, Add	*89.69*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*44.74*	
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	96.49	
		For Pourable Sealer Filled, Add	*112.12*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*56.24*	
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	104.40	
		For Pourable Sealer Filled, Add	*134.54*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*67.28*	
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	121.53	
		For Pourable Sealer Filled, Add	*201.81*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*100.28*	
07 63 00 00-0009		16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*		
07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	76.32	
		For Pourable Sealer Filled, Add	*22.42*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*11.22*	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	90.02	
		For Pourable Sealer Filled, Add	*50.48*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*25.31*	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	107.80	
		For Pourable Sealer Filled, Add	*89.69*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*44.74*	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	119.34	
		For Pourable Sealer Filled, Add	*112.12*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*56.24*	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	127.81	
		For Pourable Sealer Filled, Add	*134.54*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*67.28*	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	146.41	
		For Pourable Sealer Filled, Add	*201.81*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*100.28*	
07 63 00 00-0016		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*		
07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	72.89	
		For Pourable Sealer Filled, Add	*22.42*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*11.22*	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	85.40	
		For Pourable Sealer Filled, Add	*50.48*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*25.31*	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	98.16	
		For Pourable Sealer Filled, Add	*89.69*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*44.74*	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	106.42	
		For Pourable Sealer Filled, Add	*112.12*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*56.24*	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	113.86	
		For Pourable Sealer Filled, Add	*134.54*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*67.28*	
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	129.90	
		For Pourable Sealer Filled, Add	*201.81*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*100.28*	
07 63 00 00-0023		Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout *(07 63 00 00-0001)* Note: Includes removing existing filler and refilling with non-shrink grout.		
07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout	59.02	
		For Pourable Sealer Filled, Add	*22.42*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*11.22*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0025	EA	Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout	66.15	
		For Pourable Sealer Filled, Add	*50.48*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*25.31*	
07 63 00 00-0026	EA	Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout	75.46	
		For Pourable Sealer Filled, Add	*89.69*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*44.74*	
07 63 00 00-0027	EA	Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout	81.55	
		For Pourable Sealer Filled, Add	*112.12*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*56.24*	
07 63 00 00-0028	EA	Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout	87.64	
		For Pourable Sealer Filled, Add	*134.54*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*67.28*	
07 63 00 00-0029	SF	Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout	102.25	
		For Pourable Sealer Filled, Add	*201.81*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*100.28*	

07 63 00 00-0030 Lead Pipe Flashing For Roofs *(07 63)*

Note: Includes 6" skirt base.

07 63 00 00-0031	EA	1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe	77.49	25.58
07 63 00 00-0032	EA	1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe	77.49	25.58
07 63 00 00-0033	EA	2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe	92.24	25.58
07 63 00 00-0034	EA	3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe	100.67	25.58
07 63 00 00-0035	EA	4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	104.88	25.58
07 63 00 00-0036	EA	4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe	106.99	25.58
07 63 00 00-0037	EA	6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe	128.06	25.58
07 63 00 00-0038	EA	8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe	137.54	25.58

07 63 00 00-0039 Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing *(07 63)*

07 63 00 00-0040	EA	2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	54.25	16.54
07 63 00 00-0041	EA	3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	54.52	16.54
07 63 00 00-0042	EA	4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	55.48	16.54
07 63 00 00-0043	EA	6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	60.28	16.54

07 65 Flexible Flashing *(07 60)*

07 65 16 Modified Bituminous Sheet Flashing *(07 65)*

07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems *(07 65 16)*

See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.

07 65 16 00-0002	SF	60 Mil, Urethane Elastomer Liquid Applied Flashing Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.	7.95	1.75

07 65 19 Plastic Sheet Flashing *(07 65)*

07 65 19 00-0001 Plastic Flashing And Trim *(07 65 19)*

07 65 19 00-0002 Neoprene Flashing *(07 65 19 00-0001)*

07 65 19 00-0003 60 Mil Neoprene Flashing *(07 65 19 00-0002)*

07 65 19 00-0004	LF	6" Wide Strip, 60 Mil, Neoprene Flashing	7.13	2.47
07 65 19 00-0005	LF	12" Wide Strip, 60 Mil, Neoprene Flashing	9.09	2.65
07 65 19 00-0006	LF	18" Wide Strip, 60 Mil, Neoprene Flashing	11.32	2.92
07 65 19 00-0007	LF	24" Wide Strip, 60 Mil, Neoprene Flashing	13.72	3.28

07 65 33 Flexible Roof Boot *(07 65)*

07 65 33 00-0001 Neoprene Roof Boot *(07 65 33)*

07 65 33 00-0002	EA	Neoprene Roof Boot For 2" Diameter Pipe	33.93	7.58
07 65 33 00-0003	EA	Neoprene Roof Boot For 3" Diameter Pipe	39.76	8.49
07 65 33 00-0004	EA	Neoprene Roof Boot For 4" Diameter Pipe	44.05	9.13

07 70 Roof And Wall Specialties And Accessories *(07)*

07 71 Roof Specialties *(07 70)*

07 71 13 Manufactured Copings *(07 71)*

07 71 13 00-0001 Galvanized Steel Copings *(07 71 13)*

07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats *(07 71 13 00-0001)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	20.46	1.97
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	21.62	2.14
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	24.55	2.25
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	28.44	2.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	34.18	2.57
07 71 13 00-0008		Aluminum Copings *(07 71 13)*		
07 71 13 00-0009		Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)* Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0010		0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	16.45	1.97
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	17.59	2.14
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	20.37	2.25
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	24.20	2.47
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.83	2.57
07 71 13 00-0016		0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	17.77	1.97
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	18.99	2.14
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	22.03	2.25
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	26.21	2.47
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	32.38	2.57
07 71 13 00-0022		0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*		
07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	18.85	1.97
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	20.24	2.14
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	24.10	2.25
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.92	2.47
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	38.38	2.57
07 71 13 00-0028		KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)* Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0029		0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	22.38	1.97
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	23.90	2.14
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	27.85	2.25
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	33.25	2.47
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	41.32	2.57
07 71 13 00-0035		0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	24.29	1.97
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	25.93	2.14
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	30.26	2.25
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	36.17	2.47
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	45.02	2.57
07 71 13 00-0041		0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*		
07 71 13 00-0042	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	25.86	1.97
07 71 13 00-0043	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	27.75	2.14
07 71 13 00-0044	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	33.26	2.25
07 71 13 00-0045	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	41.54	2.47
07 71 13 00-0046	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	53.72	2.57

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0047		Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0048		0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0049	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	23.53	1.97
07 71 13 00-0050	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	25.12	2.14
07 71 13 00-0051	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	29.30	2.25
07 71 13 00-0052	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	35.00	2.47
07 71 13 00-0053	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	43.54	2.57
07 71 13 00-0054		0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0055	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	25.55	1.97
07 71 13 00-0056	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	27.27	2.14
07 71 13 00-0057	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	31.86	2.25
07 71 13 00-0058	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	38.09	2.47
07 71 13 00-0059	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	47.47	2.57
07 71 13 00-0060		0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*		
07 71 13 00-0061	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	27.21	1.97
07 71 13 00-0062	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	29.20	2.14
07 71 13 00-0063	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	35.03	2.25
07 71 13 00-0064	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	43.78	2.47
07 71 13 00-0065	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	56.68	2.57
07 71 13 00-0066		Remove And Reinstall Metal Coping *(07 71 13)*		
07 71 13 00-0067	LF	Removal And Reinstallation Of Metal Coping	7.21	

07 71 19 Manufactured Gravel Stops And Fasciae *(07 71)*

07 71 19 00-0001		Gravel Stop *(07 71 19)*		
07 71 19 00-0002		Aluminum Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0003		Aluminum Gravel Stop *(07 71 19 00-0002)*		
07 71 19 00-0004		KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0005		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0006	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	12.57	1.65
07 71 19 00-0007	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	12.75	1.70
07 71 19 00-0008	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	12.99	1.76
07 71 19 00-0009		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0010	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	13.25	1.65
07 71 19 00-0011	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	13.47	1.70
07 71 19 00-0012	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	13.74	1.76
07 71 19 00-0013		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0014	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	14.14	1.65
07 71 19 00-0015	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	14.32	1.70
07 71 19 00-0016	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	14.69	1.76
07 71 19 00-0017		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*		
07 71 19 00-0018	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	14.75	1.65
07 71 19 00-0019	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	14.95	1.70
07 71 19 00-0020	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	15.35	1.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0021		Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0022		0.032" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0023	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	8.78	1.65
07 71 19 00-0024	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	9.15	1.70
07 71 19 00-0025	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	9.57	1.76
07 71 19 00-0026		0.040" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0027	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	9.35	1.65
07 71 19 00-0028	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	9.65	1.70
07 71 19 00-0029	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	9.95	1.76
07 71 19 00-0030		0.050" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0031	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	9.92	1.65
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	10.22	1.70
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	10.56	1.76
07 71 19 00-0034		0.063" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*		
07 71 19 00-0035	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	10.53	1.65
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	10.79	1.70
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	11.02	1.76
07 71 19 00-0038		Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*		
07 71 19 00-0039		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0040	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	14.67	1.65
07 71 19 00-0041	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	14.95	1.70
07 71 19 00-0042	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	15.21	1.76
07 71 19 00-0043		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0044	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	15.50	1.65
07 71 19 00-0045	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	15.81	1.70
07 71 19 00-0046	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	16.11	1.76
07 71 19 00-0047		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0048	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	16.56	1.65
07 71 19 00-0049	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	16.83	1.70
07 71 19 00-0050	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	17.06	1.76
07 71 19 00-0051		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0038)*		
07 71 19 00-0052	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	17.29	1.65
07 71 19 00-0053	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	17.58	1.70
07 71 19 00-0054	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	17.84	1.76
07 71 19 00-0055		Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0002)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056		KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0057		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	16.00	2.74
07 71 19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	16.64	2.83
07 71 19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	17.41	2.92
07 71 19 00-0061		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	16.69	2.74
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	17.35	2.83
07 71 19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	18.16	2.92
07 71 19 00-0065		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0066	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	17.58	2.74
07 71 19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	18.20	2.83
07 71 19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	19.11	2.92

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0069		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0070	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	18.18	2.74
07 71 19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	18.83	2.83
07 71 19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	19.78	2.92
07 71 19 00-0073		Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0074		0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0075	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	12.74	2.74
07 71 19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.23	2.83
07 71 19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.85	2.92
07 71 19 00-0078		0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0079	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.21	2.74
07 71 19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.72	2.83
07 71 19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.37	2.92
07 71 19 00-0082		0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0083	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	13.82	2.74
07 71 19 00-0084	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.31	2.83
07 71 19 00-0085	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.99	2.92
07 71 19 00-0086		0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0087	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.24	2.74
07 71 19 00-0088	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	14.74	2.83
07 71 19 00-0089	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	15.45	2.92
07 71 19 00-0090		Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0091		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0092	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	18.11	2.74
07 71 19 00-0093	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	18.83	2.83
07 71 19 00-0094	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	19.64	2.92
07 71 19 00-0095		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0096	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	18.93	2.74
07 71 19 00-0097	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	19.69	2.83
07 71 19 00-0098	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	20.54	2.92
07 71 19 00-0099		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0100	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	20.00	2.74
07 71 19 00-0101	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	20.71	2.83
07 71 19 00-0102	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	21.48	2.92
07 71 19 00-0103		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0104	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	20.72	2.74
07 71 19 00-0105	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	21.46	2.83
07 71 19 00-0106	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	22.27	2.92
07 71 19 00-0107		Stainless Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0108		Stainless Steel Gravel Stop *(07 71 19 00-0107)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0109		26 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0110	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop	9.63	1.65
07 71 19 00-0111	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	11.89	1.70
07 71 19 00-0112	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	16.59	1.76
07 71 19 00-0113		24 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0114	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop	11.47	1.65
07 71 19 00-0115	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	14.35	1.70
07 71 19 00-0116	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	20.27	1.76
07 71 19 00-0117		22 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*		
07 71 19 00-0118	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop	13.43	1.65
07 71 19 00-0119	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	16.96	1.70
07 71 19 00-0120	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	24.18	1.76
07 71 19 00-0121		Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0107)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122		26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	13.08	2.74
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	15.79	2.83
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	21.04	2.92
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	14.92	2.74
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	18.25	2.83
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	24.72	2.92
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	16.88	2.74
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	20.86	2.83
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	28.64	2.92
07 71 19 00-0134		Galvanized Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0135		Galvanized Steel Gravel Stop *(07 71 19 00-0134)*		
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0135)*		
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0136)*		
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	13.63	1.65
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	13.81	1.70
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	14.13	1.76
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0134)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0141)*		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0142)*		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	17.40	2.74
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	18.13	2.83
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	19.12	2.92
07 71 19 00-0147		Copper Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0148		Copper Gravel Stop *(07 71 19 00-0147)*		
07 71 19 00-0149		20 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	37.54	1.65
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	42.49	1.70
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	48.76	1.76
07 71 19 00-0153		16 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*		
07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	45.67	1.65
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop	52.42	1.70
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop	59.59	1.76

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0157		Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0147)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158		20 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*		
07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	40.91	2.74
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	46.29	2.83
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	53.08	2.92
07 71 19 00-0162		16 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*		
07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	49.04	2.74
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	56.23	2.83
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	63.92	2.92
07 71 19 00-0166		Fascia *(07 71 19)*		
07 71 19 00-0167		Snap-On Cover Fascia *(07 71 19 00-0166)* Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0168		Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0169		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0168)*		
07 71 19 00-0170		24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0169)*		
07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	17.67	2.28
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	19.65	2.37
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	20.96	2.47
07 71 19 00-0174		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0169)*		
07 71 19 00-0175		Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	108.73	3.19
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	115.89	3.19
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	120.39	3.19
07 71 19 00-0179		Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*		
07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	89.23	3.19
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	92.85	3.19
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	95.05	3.19
07 71 19 00-0183		Aluminum Snap-On Cover Fascia *(07 71 19 00-0167)*		
07 71 19 00-0184		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0185		0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0186	LF	3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	15.99	2.28
07 71 19 00-0187	LF	>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	17.98	2.37
07 71 19 00-0188	LF	>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	19.04	2.47
07 71 19 00-0189		0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*		
07 71 19 00-0190	LF	3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	16.74	2.28
07 71 19 00-0191	LF	>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	18.94	2.37
07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	20.12	2.47
07 71 19 00-0193		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0184)*		
07 71 19 00-0194		Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	97.30	3.19
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	105.37	3.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	108.90	3.19
07 71 19 00-0198		Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0193)*		
07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	77.39	3.19
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	81.41	3.19
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	83.17	3.19
07 71 19 00-0202		Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*		
07 71 19 00-0203		0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0204	LF	3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	18.28	2.28
07 71 19 00-0205	LF	>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	20.62	2.37
07 71 19 00-0206	LF	>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	21.86	2.47
07 71 19 00-0207		0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0202)*		
07 71 19 00-0208	LF	3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	19.17	2.28
07 71 19 00-0209	LF	>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	21.77	2.37
07 71 19 00-0210	LF	>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	23.16	2.47
07 71 19 00-0211		Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0202)*		
07 71 19 00-0212		Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0213	EA	Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	120.02	3.19
07 71 19 00-0214	EA	Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	130.11	3.19
07 71 19 00-0215	EA	Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	134.53	3.19
07 71 19 00-0216		Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0211)*		
07 71 19 00-0217	EA	Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	95.14	3.19
07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	100.17	3.19
07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	102.37	3.19

07 71 23 Manufactured Gutters And Downspouts *(07 71)*

Note: Includes all necessary support straps.

07 71 23 00-0001		Aluminum Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0002		Aluminum Gutters *(07 71 23 00-0001)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003		K-Style Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	6.23	2.59
		For Kynar 500® Finish, Add	*0.86*	
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	6.75	2.59
		For Kynar 500® Finish, Add	*1.09*	
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	6.50	2.59
		For Kynar 500® Finish, Add	*0.98*	
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	7.10	2.59
		For Kynar 500® Finish, Add	*1.25*	
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	13.28	2.59
		For Kynar 500® Finish, Add	*4.03*	
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	14.12	2.59
		For Kynar 500® Finish, Add	*4.41*	
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	16.01	2.59
		For Kynar 500® Finish, Add	*5.26*	
07 71 23 00-0011		Half Round Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	11.70	2.59
		For Kynar 500® Finish, Add	*3.32*	
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	13.92	2.59
		For Kynar 500® Finish, Add	*4.32*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0014		**Box Style Aluminum Gutters** *(07 71 23 00-0002)*		
07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	11.17	2.59
		For Kynar 500® Finish, Add	*3.08*	
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	11.20	2.59
		For Kynar 500® Finish, Add	*3.09*	
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	12.89	2.59
		For Kynar 500® Finish, Add	*3.85*	
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	14.41	2.59
		For Kynar 500® Finish, Add	*4.54*	
07 71 23 00-0019		**Aluminum Gutter End Caps** *(07 71 23 00-0001)*		
07 71 23 00-0020		**K-Style, Aluminum Gutter End Caps** *(07 71 23 00-0019)*		
07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	2.74	
		For Kynar 500® Finish, Add	*0.30*	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	3.27	
		For Kynar 500® Finish, Add	*0.54*	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	6.53	
		For Kynar 500® Finish, Add	*2.00*	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	7.53	
		For Kynar 500® Finish, Add	*2.45*	
07 71 23 00-0025		**Half Round, Aluminum Gutter End Caps** *(07 71 23 00-0019)*		
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	4.11	
		For Kynar 500® Finish, Add	*0.91*	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	6.09	
		For Kynar 500® Finish, Add	*1.80*	
07 71 23 00-0028		**Box Style, Aluminum Gutter End Caps** *(07 71 23 00-0019)*		
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	7.08	
		For Kynar 500® Finish, Add	*2.25*	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	7.65	
		For Kynar 500® Finish, Add	*2.51*	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	8.90	
		For Kynar 500® Finish, Add	*3.07*	
07 71 23 00-0032		**Aluminum Gutter Miters** *(07 71 23 00-0001)* Note: Inside or outside miters.		
07 71 23 00-0033		**K-Style, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	8.85	
		For Kynar 500® Finish, Add	*2.34*	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	12.66	
		For Kynar 500® Finish, Add	*4.06*	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	47.07	
		For Kynar 500® Finish, Add	*19.54*	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	50.93	
		For Kynar 500® Finish, Add	*21.28*	
07 71 23 00-0038		**Half Round, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	18.42	
		For Kynar 500® Finish, Add	*6.65*	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	30.87	
		For Kynar 500® Finish, Add	*12.25*	
07 71 23 00-0041		**Box Style, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	37.67	
		For Kynar 500® Finish, Add	*15.31*	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter	57.93	
		For Kynar 500® Finish, Add	*24.43*	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter	62.75	
		For Kynar 500® Finish, Add	*26.60*	
07 71 23 00-0045		**Aluminum Gutter Wire Strainers** *(07 71 23 00-0001)*		
07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer	10.68	2.59
		For Kynar 500® Finish, Add	*2.37*	
		For 0.024" Thick, Add	*0.74*	
		For 0.027" Thick, Add	*1.53*	
		For 0.031" Thick, Add	*2.21*	
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer	15.13	2.59
		For Kynar 500® Finish, Add	*4.37*	
		For 0.024" Thick, Add	*1.36*	
		For 0.027" Thick, Add	*2.82*	
		For 0.031" Thick, Add	*4.08*	
07 71 23 00-0048		**Aluminum Downspouts** *(07 71 23 00-0001)* Note: Includes elbows, hangers and fasteners.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0049		**Round Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0050	LF	3" Diameter, 0.019" Thick, Round Aluminum Downspout	5.30	2.49
		For Kynar 500® Finish, Add	*1.17*	
		For 0.024" Thick, Add	*0.36*	
		For 0.027" Thick, Add	*0.75*	
		For 0.031" Thick, Add	*1.09*	
07 71 23 00-0051	LF	4" Diameter, 0.019" Thick, Round Aluminum Downspout	5.91	2.49
		For Kynar 500® Finish, Add	*1.44*	
		For 0.024" Thick, Add	*0.45*	
		For 0.027" Thick, Add	*0.93*	
		For 0.031" Thick, Add	*1.35*	
07 71 23 00-0052		**Rectangular Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0053	LF	2" x 3", 0.019" Thick, Rectangular Aluminum Downspout	4.03	2.49
		For Kynar 500® Finish, Add	*0.60*	
		For 0.024" Thick, Add	*0.19*	
		For 0.027" Thick, Add	*0.39*	
		For 0.031" Thick, Add	*0.56*	
07 71 23 00-0054	LF	3" x 4", 0.019" Thick, Rectangular Aluminum Downspout	4.81	2.49
		For Kynar 500® Finish, Add	*0.95*	
		For 0.024" Thick, Add	*0.30*	
		For 0.027" Thick, Add	*0.61*	
		For 0.031" Thick, Add	*0.89*	
07 71 23 00-0055	LF	4" x 5", 0.019" Thick, Rectangular Aluminum Downspout	8.07	2.49
		For Kynar 500® Finish, Add	*2.42*	
		For 0.024" Thick, Add	*0.75*	
		For 0.027" Thick, Add	*1.56*	
		For 0.031" Thick, Add	*2.26*	
07 71 23 00-0056		**Aluminum Devices** *(07 71 23 00-0001)*		
07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet	154.99	20.53
		For Kynar 500® Finish, Add	*38.94*	
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head	158.76	22.82
		For Kynar 500® Finish, Add	*50.90*	
07 71 23 00-0059		**Copper Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0060		**Copper Gutters** *(07 71 23 00-0059)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061		**K-Style Copper Gutters** *(07 71 23 00-0060)*		
07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter	13.19	2.59
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter	18.72	2.59
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter	22.26	2.59
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter	23.90	2.59
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter	29.59	2.59
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter	34.24	2.59
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter	37.66	2.59
07 71 23 00-0069		**Half Round Copper Gutters** *(07 71 23 00-0060)*		
07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter	16.03	2.59
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	20.25	2.59
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	34.31	2.59
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	18.86	2.59
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	23.25	2.59
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	36.14	2.59
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	40.68	2.59
07 71 23 00-0077		**Copper Gutter End Caps** *(07 71 23 00-0059)*		
07 71 23 00-0078		**K-Style, Copper Gutter End Caps** *(07 71 23 00-0077)*		
07 71 23 00-0079	EA	4", K-Style Copper Gutter End Cap	5.14	
07 71 23 00-0080	EA	5", K-Style Copper Gutter End Cap	5.47	
07 71 23 00-0081	EA	6", K-Style Copper Gutter End Cap	5.81	
07 71 23 00-0082	EA	7", K-Style Copper Gutter End Cap	14.85	
07 71 23 00-0083	EA	8", K-Style Copper Gutter End Cap	18.02	
07 71 23 00-0084		**Half Round, Copper Gutter End Caps** *(07 71 23 00-0077)*		
07 71 23 00-0085	EA	4", Half Round Copper Gutter End Cap	6.14	
07 71 23 00-0086	EA	5", Half Round Copper Gutter End Cap	6.85	
07 71 23 00-0087	EA	6", Half Round Copper Gutter End Cap	10.16	
07 71 23 00-0088	EA	7", Half Round Copper Gutter End Cap	29.85	
07 71 23 00-0089	EA	8", Half Round Copper Gutter End Cap	35.19	
07 71 23 00-0090		**Copper Gutter Miters** *(07 71 23 00-0059)*		
		Note: Inside or outside miters.		
07 71 23 00-0091		**K-Style, Copper Gutter Miters** *(07 71 23 00-0090)*		
07 71 23 00-0092	EA	4", K-Style Copper Gutter Miter	26.29	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0093	EA	5", K-Style Copper Gutter Miter	29.77	
07 71 23 00-0094	EA	6", K-Style Copper Gutter Miter	44.46	
07 71 23 00-0095	EA	7", K-Style Copper Gutter Miter	64.64	
07 71 23 00-0096	EA	8", K-Style Copper Gutter Miter	76.22	
07 71 23 00-0097		**Half Round, Copper Gutter Miters** *(07 71 23 00-0090)*		
07 71 23 00-0098	EA	4", Half Round Copper Gutter Miter	43.55	
07 71 23 00-0099	EA	5", Half Round Copper Gutter Miter	39.33	
07 71 23 00-0100	EA	6", Half Round Copper Gutter Miter	58.29	
07 71 23 00-0101	EA	7", Half Round Copper Gutter Miter	70.01	
07 71 23 00-0102	EA	8", Half Round Copper Gutter Miter	83.18	
07 71 23 00-0103		**Copper Gutter Wire Strainers** *(07 71 23 00-0059)*		
07 71 23 00-0104	EA	2" Diameter, Round Copper Wire Strainer	13.39	2.59
07 71 23 00-0105	EA	3" Diameter, Round Copper Wire Strainer	16.01	2.59
07 71 23 00-0106	EA	4" Diameter, Round Copper Wire Strainer	24.57	2.59
07 71 23 00-0107	EA	5" Diameter, Round Copper Wire Strainer	32.03	2.59
07 71 23 00-0108	EA	6" Diameter, Round Copper Wire Strainer	38.27	2.59
07 71 23 00-0109		**Copper Downspouts** *(07 71 23 00-0059)* Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0110		**Round Copper Downspouts** *(07 71 23 00-0109)*		
07 71 23 00-0111	LF	2" Diameter, 16 Ounce, Round Copper Downspout	20.20	2.49
07 71 23 00-0112	LF	3" Diameter, 16 Ounce, Round Copper Downspout	14.23	2.49
07 71 23 00-0113	LF	4" Diameter, 16 Ounce, Round Copper Downspout	17.80	2.49
07 71 23 00-0114	LF	5" Diameter, 16 Ounce, Round Copper Downspout	28.13	2.49
07 71 23 00-0115	LF	6" Diameter, 16 Ounce, Round Copper Downspout	36.02	2.49
07 71 23 00-0116	LF	3" Diameter, 20 Ounce, Round Copper Downspout	19.06	2.49
07 71 23 00-0117	LF	4" Diameter, 20 Ounce, Round Copper Downspout	24.58	2.49
07 71 23 00-0118	LF	5" Diameter, 20 Ounce, Round Copper Downspout	37.10	2.49
07 71 23 00-0119		**Square Copper Downspouts** *(07 71 23 00-0109)*		
07 71 23 00-0120	LF	3" Diameter, 16 Ounce, Square Copper Downspout	10.01	2.49
07 71 23 00-0121	LF	4" Diameter, 16 Ounce, Square Copper Downspout	12.38	2.49
07 71 23 00-0122	LF	5" Diameter, 16 Ounce, Square Copper Downspout	17.50	2.49
07 71 23 00-0123	LF	3" Diameter, 20 Ounce, Square Copper Downspout	11.48	2.49
07 71 23 00-0124	LF	4" Diameter, 20 Ounce, Square Copper Downspout	14.44	2.49
07 71 23 00-0125	LF	5" Diameter, 20 Ounce, Square Copper Downspout	20.52	2.49
07 71 23 00-0126		**Rectangular Copper Downspouts** *(07 71 23 00-0109)*		
07 71 23 00-0127	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout	14.59	2.49
07 71 23 00-0128	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	18.32	2.49
07 71 23 00-0129	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	25.84	2.49
07 71 23 00-0130	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	16.91	2.49
07 71 23 00-0131	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	21.54	2.49
07 71 23 00-0132	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	30.69	2.49
07 71 23 00-0133		**Copper Devices And Accessories** *(07 71 23 00-0059)*		
07 71 23 00-0134	EA	Thru-Wall Copper Scupper Outlet	168.06	20.53
07 71 23 00-0135	EA	Copper Leader/Conductor Head	235.26	22.82
07 71 23 00-0136	EA	Copper Eave Box	108.61	15.57
07 71 23 00-0137		**Galvanized Steel Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0138		**Galvanized Steel Gutters** *(07 71 23 00-0137)* Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0139		**K-Style Galvanized Steel Gutters** *(07 71 23 00-0138)*		
07 71 23 00-0140	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	7.80	2.59
		For Kynar 500® Finish, Add	*1.56*	
		For 24 Gauge, Add	*0.52*	
07 71 23 00-0141	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	8.85	2.59
		For Kynar 500® Finish, Add	*2.03*	
		For 24 Gauge, Add	*0.68*	
07 71 23 00-0142	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	18.25	2.59
		For Kynar 500® Finish, Add	*6.26*	
		For 24 Gauge, Add	*2.09*	
07 71 23 00-0143	LF	8", 26 Gauge, K-Style Galvanized Steel Gutter	18.78	2.59
		For Kynar 500® Finish, Add	*6.50*	
		For 24 Gauge, Add	*2.17*	
07 71 23 00-0144		**Half Round Galvanized Steel Gutters** *(07 71 23 00-0138)*		
07 71 23 00-0145	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	11.38	2.59
		For Kynar 500® Finish, Add	*3.17*	
		For 24 Gauge, Add	*1.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0146	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	14.13	2.59
		For Kynar 500® Finish, Add	*4.41*	
		For 24 Gauge, Add	*1.47*	
07 71 23 00-0147	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	35.54	2.59
		For Kynar 500® Finish, Add	*14.04*	
		For 24 Gauge, Add	*4.68*	
07 71 23 00-0148	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	37.46	2.59
		For Kynar 500® Finish, Add	*14.91*	
		For 24 Gauge, Add	*4.97*	

07 71 23 00-0149 Box Style Galvanized Steel Gutters *(07 71 23 00-0138)*

07 71 23 00-0150	LF	5", 24 Gauge, Box Style Galvanized Steel Gutter	12.98	2.59
		For Kynar 500® Finish, Add	*3.89*	
		For 22 Gauge, Add	*1.30*	
07 71 23 00-0151	LF	6", 24 Gauge, Box Style Galvanized Steel Gutter	14.91	2.59
		For Kynar 500® Finish, Add	*4.76*	
		For 22 Gauge, Add	*1.59*	
07 71 23 00-0152	LF	7", 24 Gauge, Box Style Galvanized Steel Gutter	19.63	2.59
		For Kynar 500® Finish, Add	*6.89*	
		For 22 Gauge, Add	*2.30*	
07 71 23 00-0153	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	20.66	2.59
		For Kynar 500® Finish, Add	*7.35*	
		For 22 Gauge, Add	*2.45*	

07 71 23 00-0154 Galvanized Steel Gutter End Caps *(07 71 23 00-0137)*

07 71 23 00-0155 K-Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0154)*

07 71 23 00-0156	EA	5", K-Style Galvanized Steel Gutter End Cap	4.16	
		For Kynar 500® Finish, Add	*0.94*	
07 71 23 00-0157	EA	6", K-Style Galvanized Steel Gutter End Cap	4.70	
		For Kynar 500® Finish, Add	*1.18*	
07 71 23 00-0158	EA	7", K-Style Galvanized Steel Gutter End Cap	9.55	
		For Kynar 500® Finish, Add	*3.36*	
07 71 23 00-0159	EA	8", K-Style Galvanized Steel Gutter End Cap	13.60	
		For Kynar 500® Finish, Add	*5.18*	

07 71 23 00-0160 Half Round, Galvanized Steel Gutter End Caps *(07 71 23 00-0154)*

07 71 23 00-0161	EA	5", Half Round Galvanized Steel Gutter End Cap	5.18	
		For Kynar 500® Finish, Add	*1.40*	
07 71 23 00-0162	EA	6", Half Round Galvanized Steel Gutter End Cap	5.88	
		For Kynar 500® Finish, Add	*1.71*	
07 71 23 00-0163	EA	7", Half Round Galvanized Steel Gutter End Cap	10.48	
		For Kynar 500® Finish, Add	*3.78*	
07 71 23 00-0164	EA	8", Half Round Galvanized Steel Gutter End Cap	13.97	
		For Kynar 500® Finish, Add	*5.35*	

07 71 23 00-0165 Box Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0154)*

07 71 23 00-0166	EA	5", Box Style Galvanized Steel Gutter End Cap	8.85	
		For Kynar 500® Finish, Add	*3.05*	
07 71 23 00-0167	EA	6", Box Style Galvanized Steel Gutter End Cap	10.55	
		For Kynar 500® Finish, Add	*3.81*	
07 71 23 00-0168	EA	7", Box Style Galvanized Steel Gutter End Cap	11.75	
		For Kynar 500® Finish, Add	*4.35*	
07 71 23 00-0169	EA	8", Box Style Galvanized Steel Gutter End Cap	15.55	
		For Kynar 500® Finish, Add	*6.06*	

07 71 23 00-0170 Galvanized Steel Gutter Miters *(07 71 23 00-0137)*

Note: Inside or outside miters.

07 71 23 00-0171 K-Style, Galvanized Steel Gutter Miters *(07 71 23 00-0170)*

07 71 23 00-0172	EA	5", K-Style Galvanized Steel Gutter Miter	17.71	
		For Kynar 500® Finish, Add	*6.33*	
07 71 23 00-0173	EA	6", K-Style Galvanized Steel Gutter Miter	30.57	
		For Kynar 500® Finish, Add	*12.12*	
07 71 23 00-0174	EA	7", K-Style Galvanized Steel Gutter Miter	51.00	
		For Kynar 500® Finish, Add	*21.31*	
07 71 23 00-0175	EA	8", K-Style Galvanized Steel Gutter Miter	57.34	
		For Kynar 500® Finish, Add	*24.17*	

07 71 23 00-0176 Half Round, Galvanized Steel Gutter Miters *(07 71 23 00-0170)*

07 71 23 00-0177	EA	5", Half Round Galvanized Steel Gutter Miter	25.67	
		For Kynar 500® Finish, Add	*9.91*	
07 71 23 00-0178	EA	6", Half Round Galvanized Steel Gutter Miter	28.81	
		For Kynar 500® Finish, Add	*11.33*	
07 71 23 00-0179	EA	7", Half Round Galvanized Steel Gutter Miter	89.23	
		For Kynar 500® Finish, Add	*38.52*	
07 71 23 00-0180	EA	8", Half Round Galvanized Steel Gutter Miter	93.98	
		For Kynar 500® Finish, Add	*40.65*	

07 71 23 00-0181 Box Style, Galvanized Steel Gutter Miters *(07 71 23 00-0170)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0182	EA	5", Box Style Galvanized Steel Gutter Miter	24.08	
		For Kynar 500® Finish, Add	*9.20*	
07 71 23 00-0183	EA	6", Box Style Galvanized Steel Gutter Miter	41.10	
		For Kynar 500® Finish, Add	*16.86*	
07 71 23 00-0184	EA	7", Box Style Galvanized Steel Gutter Miter	54.17	
		For Kynar 500® Finish, Add	*22.74*	
07 71 23 00-0185	EA	8", Box Style Galvanized Steel Gutter Miter	57.34	
		For Kynar 500® Finish, Add	*24.17*	

07 71 23 00-0186 Galvanized Steel Gutter Wire Strainers *(07 71 23 00-0137)*

07 71 23 00-0187	EA	3" Diameter, Round Galvanized Steel Wire Strainer	9.61	2.59
		For Kynar 500® Finish, Add	*1.89*	
07 71 23 00-0188	EA	4" Diameter, Round Galvanized Steel Wire Strainer	13.19	2.59
		For Kynar 500® Finish, Add	*3.50*	

07 71 23 00-0189 Galvanized Steel Downspouts *(07 71 23 00-0137)*

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0190 Round Galvanized Steel Downspouts *(07 71 23 00-0189)*

07 71 23 00-0191	LF	3" Diameter, 26 Gauge, Round Galvanized Steel Downspout	5.23	2.49
		For Kynar 500® Finish, Add	*1.14*	
		For 24 Gauge, Add	*0.38*	
07 71 23 00-0192	LF	4" Diameter, 26 Gauge, Round Galvanized Steel Downspout	6.31	2.49
		For Kynar 500® Finish, Add	*1.62*	
		For 24 Gauge, Add	*0.54*	
07 71 23 00-0193	LF	5" Diameter, 26 Gauge, Round Galvanized Steel Downspout	8.32	2.49
		For Kynar 500® Finish, Add	*2.53*	
		For 24 Gauge, Add	*0.84*	
07 71 23 00-0194	LF	6" Diameter, 26 Gauge, Round Galvanized Steel Downspout	17.57	2.49
		For Kynar 500® Finish, Add	*6.69*	
		For 24 Gauge, Add	*2.23*	

07 71 23 00-0195 Square Galvanized Steel Downspouts *(07 71 23 00-0189)*

07 71 23 00-0196	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout	5.84	2.49
		For Kynar 500® Finish, Add	*1.41*	
		For 24 Gauge, Add	*0.47*	
07 71 23 00-0197	LF	5" x 5", 26 Gauge, Square Galvanized Steel Downspout	7.26	2.49
		For Kynar 500® Finish, Add	*2.05*	
		For 24 Gauge, Add	*0.68*	

07 71 23 00-0198 Rectangular Galvanized Steel Downspouts *(07 71 23 00-0189)*

07 71 23 00-0199	LF	2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout	5.31	2.49
		For Kynar 500® Finish, Add	*1.17*	
		For 24 Gauge, Add	*0.39*	
07 71 23 00-0200	LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout	6.56	2.49
		For Kynar 500® Finish, Add	*1.74*	
		For 24 Gauge, Add	*0.58*	
07 71 23 00-0201	LF	4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout	11.53	2.49
		For Kynar 500® Finish, Add	*3.97*	
		For 24 Gauge, Add	*1.32*	

07 71 23 00-0202 Galvanized Steel Devices *(07 71 23 00-0137)*

07 71 23 00-0203	EA	Galvanized Steel Leader/Conductor Head	207.34	22.82
		For Kynar 500® Finish, Add	*72.77*	
07 71 23 00-0204	EA	Thru-Wall Galvanized Steel Scupper Outlet	121.60	20.53
		For Kynar 500® Finish, Add	*23.92*	

07 71 23 00-0205 Stainless Steel Gutters And Downspouts *(07 71 23)*

Note: AISI type 304 stainless steel.

07 71 23 00-0206 Stainless Steel Gutters *(07 71 23 00-0205)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0207 K-Style, Stainless Steel Gutters *(07 71 23 00-0206)*

07 71 23 00-0208	LF	5", 26 Gauge, K-Style Stainless Steel Gutter	18.50	2.59
		For 24 Gauge, Add	*2.55*	
		For 22 Gauge, Add	*5.89*	
		For 20 Gauge, Add	*8.30*	
07 71 23 00-0209	LF	6", 26 Gauge, K-Style Stainless Steel Gutter	22.05	2.59
		For 24 Gauge, Add	*3.19*	
		For 22 Gauge, Add	*7.37*	
		For 20 Gauge, Add	*10.38*	

07 71 23 00-0210 Half Round, Stainless Steel Gutters *(07 71 23 00-0206)*

07 71 23 00-0211	LF	5", 26 Gauge, Half Round Stainless Steel Gutter	25.79	2.59
		For 24 Gauge, Add	*3.86*	
		For 22 Gauge, Add	*8.93*	
		For 20 Gauge, Add	*12.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0212	LF	6", 26 Gauge, Half Round Stainless Steel Gutter	31.11	2.59
		For 24 Gauge, Add	*4.82*	
		For 22 Gauge, Add	*11.14*	
		For 20 Gauge, Add	*15.69*	
07 71 23 00-0213		Stainless Steel Gutter End Caps *(07 71 23 00-0205)*		
07 71 23 00-0214		K-Style, Stainless Steel Gutter End Caps *(07 71 23 00-0213)*		
07 71 23 00-0215	EA	5", K-Style Stainless Steel Gutter End Cap	6.51	
07 71 23 00-0216	EA	6", K-Style Stainless Steel Gutter End Cap	7.40	
07 71 23 00-0217		Half Round, Stainless Steel Gutter End Caps *(07 71 23 00-0213)*		
07 71 23 00-0218	EA	5", Half Round Stainless Steel Gutter End Cap	7.62	
07 71 23 00-0219	EA	6", Half Round Stainless Steel Gutter End Cap	8.73	
07 71 23 00-0220		Stainless Steel Gutter Miters *(07 71 23 00-0205)*		
		Note: Inside or outside box miters.		
07 71 23 00-0221		K-Style, Stainless Steel Gutter Miters *(07 71 23 00-0220)*		
07 71 23 00-0222	EA	5", K-Style Stainless Steel Gutter Miter	26.55	
07 71 23 00-0223	EA	6", K-Style Stainless Steel Gutter Miter	44.28	
07 71 23 00-0224		Half Round, Stainless Steel Gutter Miters *(07 71 23 00-0220)*		
07 71 23 00-0225	EA	5", Half Round Stainless Steel Gutter Miter	70.88	
07 71 23 00-0226	EA	6", Half Round Stainless Steel Gutter Miter	87.10	
07 71 23 00-0227		Stainless Steel Gutter Wire Strainers *(07 71 23 00-0205)*		
07 71 23 00-0228	EA	3" Diameter, Round Stainless Steel Wire Strainer	28.00	2.59
07 71 23 00-0229	EA	4" Diameter, Round Stainless Steel Wire Strainer	28.62	2.59
07 71 23 00-0230		Stainless Steel Downspouts *(07 71 23 00-0205)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0231		Round Stainless Steel Downspouts *(07 71 23 00-0230)*		
07 71 23 00-0232	LF	3" Diameter, 26 Gauge, Round Stainless Steel Downspout	11.86	2.49
		For 24 Gauge, Add	*1.65*	
		For 22 Gauge, Add	*3.81*	
		For 20 Gauge, Add	*5.37*	
07 71 23 00-0233	LF	4" Diameter, 26 Gauge, Round Stainless Steel Downspout	15.41	2.49
		For 24 Gauge, Add	*2.29*	
		For 22 Gauge, Add	*5.29*	
		For 20 Gauge, Add	*7.45*	
07 71 23 00-0234	LF	5" Diameter, 26 Gauge, Round Stainless Steel Downspout	22.12	2.49
		For 24 Gauge, Add	*3.50*	
		For 22 Gauge, Add	*8.08*	
		For 20 Gauge, Add	*11.38*	
07 71 23 00-0235		Rectangular Stainless Steel Downspouts *(07 71 23 00-0230)*		
07 71 23 00-0236	LF	2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout	12.12	2.49
		For 24 Gauge, Add	*1.70*	
		For 22 Gauge, Add	*3.92*	
		For 20 Gauge, Add	*5.52*	
07 71 23 00-0237	LF	3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout	15.94	2.49
		For 24 Gauge, Add	*2.38*	
		For 22 Gauge, Add	*5.51*	
		For 20 Gauge, Add	*7.76*	
07 71 23 00-0238	LF	4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout	20.41	2.49
		For 24 Gauge, Add	*3.19*	
		For 22 Gauge, Add	*7.37*	
		For 20 Gauge, Add	*10.38*	
07 71 23 00-0239		Stainless Steel Devices *(07 71 23 00-0205)*		
07 71 23 00-0240	EA	Thru-Wall Stainless Steel Scupper Outlet	200.67	23.36
07 71 23 00-0241	EA	Stainless Steel Leader/Conductor Head	278.30	23.36
07 71 23 00-0242		Vinyl Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0243		Vinyl Gutters *(07 71 23 00-0242)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0244		K-Style Vinyl Gutters *(07 71 23 00-0243)*		
07 71 23 00-0245	LF	4", K-Style Vinyl Gutter	8.13	2.59
07 71 23 00-0246	LF	5", K-Style Vinyl Gutter	10.08	2.59
07 71 23 00-0247		Half Round Vinyl Gutters *(07 71 23 00-0243)*		
07 71 23 00-0248	LF	4", Half Round Vinyl Gutter	8.35	2.59
07 71 23 00-0249	LF	5", Half Round Vinyl Gutter	8.70	2.59

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0250		**Vinyl Gutter End Caps** *(07 71 23 00-0242)*		
07 71 23 00-0251		**K-Style, Vinyl Gutter End Caps** *(07 71 23 00-0250)*		
07 71 23 00-0252	EA	4", K-Style Vinyl Gutter End Cap	4.83	
07 71 23 00-0253	EA	5", K-Style Vinyl Gutter End Cap	6.45	
07 71 23 00-0254		**Half Round, Vinyl Gutter End Caps** *(07 71 23 00-0250)*		
07 71 23 00-0255	EA	4", Half Round Vinyl Gutter End Cap	5.43	
07 71 23 00-0256	EA	5", Half Round Vinyl Gutter End Cap	5.16	
07 71 23 00-0257		**Vinyl Gutter Miters** *(07 71 23 00-0242)* Note: Inside or outside miters.		
07 71 23 00-0258		**K-Style, Vinyl Gutter Miters** *(07 71 23 00-0257)*		
07 71 23 00-0259	EA	4", K-Style Vinyl Gutter Miter	11.55	
07 71 23 00-0260	EA	5", K-Style Vinyl Gutter Miter	16.79	
07 71 23 00-0261		**Half Round, Vinyl Gutter Miters** *(07 71 23 00-0257)*		
07 71 23 00-0262	EA	4", Half Round Vinyl Gutter Miter	11.55	
07 71 23 00-0263	EA	5", Half Round Vinyl Gutter Miter	12.45	
07 71 23 00-0264		**Vinyl Downspouts** *(07 71 23 00-0242)* Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0265		**Round Vinyl Downspouts** *(07 71 23 00-0264)*		
07 71 23 00-0266	LF	2-1/2" Diameter, Round Vinyl Downspout	5.29	2.49
07 71 23 00-0267	LF	3" Diameter, Round Vinyl Downspout	5.48	2.49
07 71 23 00-0268		**Square Vinyl Downspouts** *(07 71 23 00-0264)*		
07 71 23 00-0269	LF	2-1/2", Square Vinyl Downspout	5.21	2.49
07 71 23 00-0270		**Rectangular Vinyl Downspouts** *(07 71 23 00-0264)*		
07 71 23 00-0271	LF	2" x 3", Rectangular Vinyl Downspout	6.44	2.49
07 71 23 00-0272		**Gutter And Downspout Boots** *(07 71 23)*		
07 71 23 00-0273		**Cast Iron Roof Drainage Downspout Boots** *(07 71 23 00-0272)*		
07 71 23 00-0274	EA	2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot	193.57	3.74
07 71 23 00-0275	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot	252.05	3.74
07 71 23 00-0276	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot	300.67	3.74
07 71 23 00-0277		**Cast Iron Roof Drainage Downspout Boots With Cleanouts** *(07 71 23 00-0272)*		
07 71 23 00-0278	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	334.10	3.74
07 71 23 00-0279	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	407.97	3.74
07 71 23 00-0280	EA	5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	739.67	3.74
07 71 23 00-0281		**Wall Mounted Downspout Covers With Hinged Perforated Cover** *(07 71 23)*		
07 71 23 00-0282	EA	3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03)	678.96	24.18
		For Polished Brass Finish (-PB), Add	*63.06*	
		For Chrome Plated Finish (-CP), Add	*94.59*	
		For Vandal Proof (-U), Add	*31.53*	
07 71 23 00-0283	EA	4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04)	695.08	32.23
		For Polished Brass Finish (-PB), Add	*63.06*	
		For Chrome Plated Finish (-CP), Add	*94.59*	
		For Vandal Proof (-U), Add	*31.53*	
07 71 23 00-0284	EA	6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06)	749.42	41.70
		For Polished Brass Finish (-PB), Add	*66.60*	
		For Chrome Plated Finish (-CP), Add	*99.90*	
		For Vandal Proof (-U), Add	*33.30*	
07 71 23 00-0285	EA	8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08)	803.36	52.65
		For Polished Brass Finish (-PB), Add	*69.81*	
		For Chrome Plated Finish (-CP), Add	*104.71*	
		For Vandal Proof (-U), Add	*34.90*	
07 71 23 00-0286	EA	10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)	868.39	64.87
		For Polished Brass Finish (-PB), Add	*73.87*	
		For Chrome Plated Finish (-CP), Add	*110.80*	
		For Vandal Proof (-U), Add	*36.93*	
07 71 23 00-0287	EA	12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)	964.65	90.57
		For Polished Brass Finish (-PB), Add	*78.35*	
		For Chrome Plated Finish (-CP), Add	*117.53*	
		For Vandal Proof (-U), Add	*39.18*	
07 71 23 00-0288	EA	15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)	1,079.68	125.95
		For Polished Brass Finish (-PB), Add	*82.78*	
		For Chrome Plated Finish (-CP), Add	*124.17*	
		For Vandal Proof (-U), Add	*41.39*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0289		Wall Mounted Downspout Nozzle *(07 71 23)*		
07 71 23 00-0290	EA	3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)	184.49	24.18
		For Nickel Bronze Finish (-NB), Add	*95.29*	
		For Polished Bronze Finish (-PB), Add	*74.87*	
		For Chrome Plated Finish (-CP), Add	*121.16*	
07 71 23 00-0291	EA	4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)	200.61	32.23
		For Nickel Bronze Finish (-NB), Add	*95.29*	
		For Polished Bronze Finish (-PB), Add	*74.87*	
		For Chrome Plated Finish (-CP), Add	*121.16*	
07 71 23 00-0292	EA	6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)	406.34	41.70
		For Nickel Bronze Finish (-NB), Add	*96.88*	
		For Polished Bronze Finish (-PB), Add	*54.90*	
		For Chrome Plated Finish (-CP), Add	*142.09*	
07 71 23 00-0293	EA	8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)	595.50	52.65
		For Nickel Bronze Finish (-NB), Add	*83.33*	
		For Polished Bronze Finish (-PB), Add	*63.72*	
		For Chrome Plated Finish (-CP), Add	*142.16*	
07 71 23 00-0294	EA	10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10)	766.14	64.87
		For Nickel Bronze Finish (-NB), Add	*108.19*	
		For Polished Bronze Finish (-PB), Add	*82.73*	
		For Chrome Plated Finish (-CP), Add	*184.56*	
07 71 23 00-0295	EA	12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12)	981.74	90.57
		For Nickel Bronze Finish (-NB), Add	*136.10*	
		For Polished Bronze Finish (-PB), Add	*104.08*	
		For Chrome Plated Finish (-CP), Add	*232.18*	
07 71 23 00-0296		Leaf Guards And Cleaning *(07 71 23)*		
07 71 23 00-0297	LF	Aluminum Mesh Gutter Leaf Guard	2.60	0.78
07 71 23 00-0298	LF	Vinyl Mesh Gutter Leaf Guard	2.23	0.78
07 71 23 00-0299	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	11.85	0.97
07 71 23 00-0300	LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	16.81	0.97
07 71 23 00-0301	LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	9.03	0.97
07 71 23 00-0302	LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	13.78	0.97
07 71 23 00-0303	EA	Cleanout Roof Drain Note: Includes removing dome and flushing.	122.44	
07 71 23 00-0304	LF	Clean Gutters And Downspouts	1.53	

07 71 26 Reglets *(07 71)*

07 71 26 00-0001		Counter Flashing With Reglet *(07 71 26)* Note: Includes reglet cut.		
07 71 26 00-0002		Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0003		Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*		
07 71 26 00-0004	LF	28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	12.12	4.06
07 71 26 00-0005	LF	26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	12.23	4.06
07 71 26 00-0006	LF	24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	12.42	4.06
07 71 26 00-0007	LF	22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	13.14	4.06
07 71 26 00-0008	LF	20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	13.55	4.06
07 71 26 00-0009	LF	18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	14.03	4.06
07 71 26 00-0010		KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*		
07 71 26 00-0011	LF	28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	13.91	4.06
07 71 26 00-0012	LF	26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	14.07	4.06
07 71 26 00-0013	LF	24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	14.35	4.06
07 71 26 00-0014	LF	22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	15.40	4.06
07 71 26 00-0015	LF	20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	16.00	4.06
07 71 26 00-0016	LF	18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	16.69	4.06
07 71 26 00-0017		Aluminum Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0018		KYNAR 500® Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0019	LF	0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	12.35	4.06
07 71 26 00-0020	LF	0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	13.02	4.06
07 71 26 00-0021	LF	0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	13.69	4.06
07 71 26 00-0022	LF	0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	14.17	4.06
07 71 26 00-0023	LF	0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	15.25	4.06
07 71 26 00-0024	LF	0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.81	4.06
07 71 26 00-0025		Mill Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0026	LF	0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	10.82	4.06
07 71 26 00-0027	LF	0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	11.25	4.06
07 71 26 00-0028	LF	0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	11.68	4.06
07 71 26 00-0029	LF	0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	11.98	4.06
07 71 26 00-0030	LF	0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	12.67	4.06
07 71 26 00-0031	LF	0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	13.67	4.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0032		Clear Anodized Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0033	LF	0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	12.04	4.06
07 71 26 00-0034	LF	0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	12.66	4.06
07 71 26 00-0035	LF	0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	13.28	4.06
07 71 26 00-0036	LF	0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	13.72	4.06
07 71 26 00-0037	LF	0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.72	4.06
07 71 26 00-0038	LF	0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.16	4.06
07 71 26 00-0039		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0040		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0039)*		
07 71 26 00-0041	LF	24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	14.77	4.06
07 71 26 00-0042	LF	20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	15.95	4.06
07 71 26 00-0043		Copper Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0044		Copper Counter Flashing With Reglet *(07 71 26 00-0043)*		
07 71 26 00-0045	LF	16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet	25.34	4.06

07 72 Roof Accessories *(07 70)*

07 72 13 Manufactured Curbs *(07 72)*

07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13)*

07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0005	EA	26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	334.33	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0006	EA	26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	341.66	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*79.47*	
07 72 13 00-0007	EA	26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	365.58	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0008	EA	26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	393.70	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.26*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*108.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.37*	
07 72 13 00-0009	EA	26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	414.48	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0010	EA	26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	517.86	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*93.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*89.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*167.50*	
07 72 13 00-0011	EA	38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	344.11	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.32*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*77.33*	
07 72 13 00-0012	EA	38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	366.80	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*51.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*123.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	382.70	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	388.81	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	498.30	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*89.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	544.21	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*17.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*121.89*	
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	423.04	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.19*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	459.18	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*79.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*154.05*	
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	472.62	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*84.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	518.54	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*110.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*165.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.17*	
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	553.46	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*98.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	598.15	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*106.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*151.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*228.63*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*270.19*	
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	472.62	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*84.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	505.09	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*89.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	552.24	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*98.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*149.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*209.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*244.52*	
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	564.46	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*100.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	
07 72 13 00-0027	EA	62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	611.60	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*109.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*188.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*249.41*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*327.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0028		12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*		
07 72 13 00-0029	EA	26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	350.22	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0030	EA	26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	353.89	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*79.47*	
07 72 13 00-0031	EA	26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	377.81	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0032	EA	26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	409.59	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*108.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.37*	
07 72 13 00-0033	EA	26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	432.82	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*77.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0034	EA	26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	532.53	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*89.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*167.50*	
07 72 13 00-0035	EA	38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	355.11	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.32*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*77.33*	
07 72 13 00-0036	EA	38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	399.81	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.85*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*51.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*123.48*	
07 72 13 00-0037	EA	38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	424.26	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	452.38	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	517.86	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*93.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	568.67	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*102.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*17.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*121.89*	
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	437.71	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	471.40	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*84.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*79.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*154.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	490.96	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	538.10	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*110.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*165.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.17*	
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	576.69	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*103.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	625.05	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*111.85*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*151.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*228.63*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*270.19*	
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	490.96	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	
07 72 13 00-0048	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	524.65	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*93.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	573.02	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*102.46*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*149.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*209.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*244.52*	
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	588.92	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*105.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	
07 72 13 00-0051	EA	62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	638.50	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*114.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*188.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*249.41*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*327.66*	

07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0053	EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	358.78	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0054	EA	26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	362.45	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*79.47*	
07 72 13 00-0055	EA	26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	383.92	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0056	EA	26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	419.37	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*108.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.37*	
07 72 13 00-0057	EA	26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	446.27	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0058	EA	26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	549.65	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*99.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*89.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*167.50*	
07 72 13 00-0059	EA	38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	362.45	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.32*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*77.33*	
07 72 13 00-0060	EA	38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	383.92	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*51.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*123.48*	
07 72 13 00-0061	EA	38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	446.27	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0062	EA	38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	475.61	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0063	EA	38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	532.53	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0064	EA	38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	584.56	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*105.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*17.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*121.89*	
07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	447.49	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	484.85	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.85*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*79.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*154.05*	
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	503.19	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*90.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	552.77	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*99.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*110.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*165.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.17*	
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	591.36	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*106.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	642.17	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*115.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*151.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*228.63*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*270.19*	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	503.19	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*90.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	538.10	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*96.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	588.92	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*105.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*149.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*209.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*244.52*	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	604.81	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*108.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	656.84	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*118.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*188.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*249.41*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*327.66*	

07 72 13 00-0076 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0077 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	320.88	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	336.77	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*79.47*	
07 72 13 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	387.59	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	424.26	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*108.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.37*	
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	451.16	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	569.21	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*103.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*89.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*167.50*	
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	366.11	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.32*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*77.33*	
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	397.37	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*51.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*123.48*	
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	409.59	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	420.60	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	539.87	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.85*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	593.12	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*107.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*17.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*121.89*	
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	452.38	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	489.74	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*79.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*154.05*	
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	509.30	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	560.11	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*44.88*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*100.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*110.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*165.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.17*	
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	598.70	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*107.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	650.72	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*116.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*151.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*228.63*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*270.19*	
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	509.30	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	544.21	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	596.25	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*107.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*149.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*209.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*244.52*	
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	613.37	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.19*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*110.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	666.62	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*120.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*188.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*249.41*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*327.66*	

07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	331.88	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0103	EA	26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	350.22	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*79.47*	
07 72 13 00-0104	EA	26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	405.93	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0105	EA	26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	446.27	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*108.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.37*	
07 72 13 00-0106	EA	26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	479.28	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*86.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0107	EA	26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	574.10	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*104.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*89.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*167.50*	
07 72 13 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	382.01	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.32*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*77.33*	
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	416.93	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*51.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*123.48*	
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	432.82	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*77.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	447.49	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*80.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	569.21	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*103.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	628.57	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*114.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*17.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*121.89*	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	474.39	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*38.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*85.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	514.19	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*92.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*79.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*154.05*	
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	537.42	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	589.45	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*106.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*110.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*165.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.17*	
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	632.93	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*114.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	689.85	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*124.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*151.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*228.63*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*270.19*	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	537.42	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*43.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*97.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	
07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	576.00	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*104.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	630.48	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*113.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*149.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*209.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*244.52*	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	648.82	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.74*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*117.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	
07 72 13 00-0124	EA	62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	708.19	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*128.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*188.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*249.41*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*327.66*	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0126	EA	26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	340.44	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0127	EA	26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	360.00	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*67.24*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*79.47*	
07 72 13 00-0128	EA	26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	416.93	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	460.94	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*53.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*108.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.37*	
07 72 13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	497.62	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*40.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*90.41*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	613.22	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*112.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*89.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.27*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*167.50*	
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	394.23	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*6.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.32*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*77.33*	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	437.71	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*51.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*102.70*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*123.48*	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	459.72	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*82.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	464.61	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	591.22	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*108.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	653.03	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*119.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*17.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*92.55*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*121.89*	
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	489.06	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*88.70*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	530.09	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*42.89*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*95.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*79.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*129.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*154.05*	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	555.76	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	611.46	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*111.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*110.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*165.05*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*204.17*	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	654.94	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*118.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	716.74	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*130.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*151.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*228.63*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*270.19*	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	555.76	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*101.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	598.01	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*108.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	651.27	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*118.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*149.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*209.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*244.52*	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	673.28	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*122.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	735.08	131.58
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*133.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*188.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*249.41*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*327.66*	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	391.35	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.17*	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	493.19	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*41.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*90.54*	
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	570.08	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*104.91*	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	651.39	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*121.17*	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	718.92	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*133.66*	

07 72 13 00-0156 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	540.47	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*45.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*100.00*	
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	678.69	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*127.64*	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	702.83	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*131.46*	
07 72 13 00-0160	EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	754.79	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*141.85*	
07 72 13 00-0161	EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	847.78	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.43*	
07 72 13 00-0162	EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,068.07	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*202.48*	

07 72 13 00-0163 18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0164	EA	17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	785.47	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*149.00*	
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	926.80	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*84.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.26*	
07 72 13 00-0166	EA	31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,114.88	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*213.87*	

07 72 13 00-0167 Wood, Prefabricated Roof Curbs *(07 72 13)*

Note: Includes Douglas fir construction, galvanized steel corner straps and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0168 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0167)*

07 72 13 00-0169 2 x 6 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0170	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	260.97	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*44.10*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0171	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	288.56	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*48.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0172	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	320.34	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0173	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	316.68	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0174	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	325.23	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*55.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0175	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	366.26	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0176	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	322.79	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*55.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0177	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	377.26	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0178	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	417.75	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0179	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	355.25	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	
07 72 13 00-0180	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	390.17	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.88*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0181	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	442.20	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*76.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	

07 72 13 00-0182 2 x 8 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0183	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	268.31	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*45.57*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0184	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	297.11	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*50.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0185	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	343.57	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0186	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	331.35	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0187	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	343.57	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.25*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0188	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	384.60	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0189	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	336.24	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0190	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	394.38	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0191	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	434.87	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0192	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	368.70	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	
07 72 13 00-0193	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	406.06	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0194	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	459.32	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*79.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	

07 72 13 00-0195 2 x 10 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0196	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	273.20	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*46.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0197	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	305.67	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0198	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	346.02	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*60.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0199	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	339.91	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.88*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0200	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	354.58	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0201	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	396.82	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0202	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	344.80	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.85*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0203	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	405.38	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0204	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	445.87	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*77.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0205	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	377.26	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	
07 72 13 00-0206	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	415.84	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0207	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	471.55	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*82.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	

07 72 13 00-0208 2 x 12 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0209	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	279.31	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*47.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0210	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	310.56	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*53.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0211	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	357.02	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.59*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0212	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	366.80	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0213	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	410.27	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*71.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0214	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	355.80	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0215	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	417.61	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0216	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	460.54	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*79.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0217	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	425.62	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.43*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	

07 72 13 00-0218 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0167)*

07 72 13 00-0219 2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0220	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	270.75	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*18.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*46.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0221	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	297.11	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*50.31*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0222	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	336.24	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0223	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	327.68	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*56.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0224	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	338.68	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*58.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0225	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	380.93	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0226	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	333.79	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*24.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*57.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0227	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	390.71	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*68.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0228	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	431.20	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0229	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	369.93	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.87*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.86*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	
07 72 13 00-0230	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	403.61	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0231	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	459.32	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*79.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	

07 72 13 00-0232 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0233	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	279.31	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*19.83*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*47.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0234	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	306.90	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*21.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0235	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	350.91	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0236	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	342.35	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*59.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0237	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	358.24	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*62.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0238	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	402.94	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0239	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	350.91	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*25.98*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0240	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	411.49	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*72.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0241	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	454.43	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*33.30*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*78.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0242	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	385.82	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.46*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0243	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	421.95	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0244	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	480.10	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*35.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	

07 72 13 00-0245 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0246	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	286.65	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*20.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*49.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0247	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	316.68	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*54.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0248	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	365.58	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*64.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0249	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	353.35	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*26.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*61.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*63.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*117.37*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*134.49*	
07 72 13 00-0250	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	372.92	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*65.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0251	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	418.83	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*31.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*73.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0252	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	361.91	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*27.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*63.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0253	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	424.94	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.37*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*74.87*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0254	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	469.10	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*34.76*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*81.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0255	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	398.05	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*69.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*15.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*55.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*101.84*	
07 72 13 00-0256	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	435.40	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*32.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*75.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	
07 72 13 00-0257	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	496.00	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*37.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*87.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*22.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*82.28*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*143.41*	

07 72 13 00-0258 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0259	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	301.32	80.98
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*22.04*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*52.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*52.57*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*66.02*	
07 72 13 00-0260	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	324.01	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*23.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*55.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*40.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*83.14*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*91.70*	
07 72 13 00-0261	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	376.58	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*28.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*66.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*71.09*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*78.43*	
07 72 13 00-0262	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	385.14	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*29.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*67.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*70.06*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*85.95*	
07 72 13 00-0263	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	465.29	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*82.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*14.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*79.47*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*103.92*	
07 72 13 00-0264	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	397.37	91.09
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*30.63*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*70.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*66.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*119.81*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*133.26*	
07 72 13 00-0265	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	467.73	101.21
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*83.42*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*94.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*136.93*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.50*	
07 72 13 00-0266	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	518.00	121.46
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*39.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*91.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*18.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*87.35*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*117.92*	
07 72 13 00-0267	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	480.64	111.34
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*36.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*84.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*114.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*174.83*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*212.73*	

07 72 23 Relief Vents *(07 72)*

07 72 23 00-0001 Wind Driven Turbine Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0003	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	115.74	29.07
		For Curb Or Flange Base, Add	*137.07*	
07 72 23 00-0004	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	138.09	32.19
		For Curb Or Flange Base, Add	*151.20*	
07 72 23 00-0005	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	150.57	38.41
		For Curb Or Flange Base, Add	*170.33*	
07 72 23 00-0006	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	276.82	42.57
		For Curb Or Flange Base, Add	*259.27*	
07 72 23 00-0007	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	377.05	47.75
		For Curb Or Flange Base, Add	*281.92*	
07 72 23 00-0008	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	452.54	51.91
		For Curb Or Flange Base, Add	*305.70*	
07 72 23 00-0009	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	575.13	58.14
		For Curb Or Flange Base, Add	*370.69*	
07 72 23 00-0010	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	943.20	77.87
		For Curb Or Flange Base, Add	*595.10*	

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0012	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	111.66	29.07
		For Curb Or Flange Base, Add	*140.56*	
07 72 23 00-0013	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	137.87	32.19
		For Curb Or Flange Base, Add	*155.29*	
07 72 23 00-0014	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	155.40	38.41
		For Curb Or Flange Base, Add	*174.35*	
07 72 23 00-0015	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	266.58	42.57
		For Curb Or Flange Base, Add	*281.04*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0016	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	341.21	47.75
		For Curb Or Flange Base, Add	*301.85*	
07 72 23 00-0017	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	428.22	51.91
		For Curb Or Flange Base, Add	*338.41*	
07 72 23 00-0018	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	573.88	58.14
		For Curb Or Flange Base, Add	*405.79*	
07 72 23 00-0019	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	851.48	77.87
		For Curb Or Flange Base, Add	*603.28*	

07 72 23 00-0020 Stationary Siphon Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0021 Galvanized Steel, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0022	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	99.45	29.07
		For Curb Or Flange Base, Add	*137.07*	
07 72 23 00-0023	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	128.77	32.19
		For Curb Or Flange Base, Add	*151.20*	
07 72 23 00-0024	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	142.93	38.41
		For Curb Or Flange Base, Add	*170.33*	
07 72 23 00-0025	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	235.00	42.57
		For Curb Or Flange Base, Add	*259.27*	
07 72 23 00-0026	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	271.24	47.75
		For Curb Or Flange Base, Add	*281.92*	
07 72 23 00-0027	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	377.77	51.91
		For Curb Or Flange Base, Add	*305.70*	
07 72 23 00-0028	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	488.46	58.14
		For Curb Or Flange Base, Add	*370.69*	
07 72 23 00-0029	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	705.46	77.87
		For Curb Or Flange Base, Add	*595.10*	

07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0031	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	107.77	29.07
		For Curb Or Flange Base, Add	*140.56*	
07 72 23 00-0032	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	140.20	32.19
		For Curb Or Flange Base, Add	*155.29*	
07 72 23 00-0033	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	157.35	38.41
		For Curb Or Flange Base, Add	*174.35*	
07 72 23 00-0034	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	248.24	42.57
		For Curb Or Flange Base, Add	*281.04*	
07 72 23 00-0035	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	310.05	47.75
		For Curb Or Flange Base, Add	*301.85*	
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	377.58	51.91
		For Curb Or Flange Base, Add	*338.41*	
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	534.95	58.14
		For Curb Or Flange Base, Add	*405.79*	
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	801.71	77.87
		For Curb Or Flange Base, Add	*603.28*	

07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	228.07	46.72
		For Backdraft Damper, Add	*105.77*	
		For Curb Base, Add	*170.33*	
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	277.86	51.91
		For Backdraft Damper, Add	*115.72*	
		For Curb Base, Add	*186.48*	
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	316.25	62.29
		For Backdraft Damper, Add	*158.03*	
		For Curb Base, Add	*235.47*	
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	381.61	68.52
		For Backdraft Damper, Add	*180.43*	
		For Curb Base, Add	*271.83*	
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	966.53	93.44
		For Backdraft Damper, Add	*226.47*	
		For Curb Base, Add	*358.81*	
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,177.07	107.98
		For Backdraft Damper, Add	*267.54*	
		For Curb Base, Add	*427.90*	
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,591.91	124.59
		For Backdraft Damper, Add	*267.54*	
		For Curb Base, Add	*448.55*	
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,216.40	134.97
		For Backdraft Damper, Add	*279.98*	
		For Curb Base, Add	*466.43*	
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	3,163.18	145.35
		For Backdraft Damper, Add	*311.09*	
		For Curb Base, Add	*522.89*	

07 72 23 00-0049 Galvanized Steel, Stationary Gooseneck Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	402.51	51.91
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	476.18	68.52
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	682.85	93.44
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,040.10	107.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 72 26 Ridge Vents *(07 72)*

07 72 26 00-0001 Aluminum Ridge Vents *(07 72 26)*

07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	10.39	3.02
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	45.56	18.69
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	43.32	18.69

07 72 26 00-0005 Galvanized Ridge Vents *(07 72 26)*

07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	12.75	3.22

07 72 29 Rafter Vent *(07 72)*

07 72 29 00-0001 Rafter Vent *(07 72 29)*

Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.

07 72 29 00-0002	EA	22" x 4' Rafter Vent	7.72	
07 72 29 00-0003	EA	14" x 4' Rafter Vent	7.11	

07 72 33 Roof Hatches *(07 72)*

Note: Includes curb with integral insulation, lockable hatch and gaskets.

07 72 33 00-0001 Galvanized Steel Cover And Curb *(07 72 33)*

07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20)	1,199.60	130.48
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20)	1,773.75	144.98
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20)	3,148.94	197.71
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20)	1,750.63	144.98
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	1,976.42	161.11
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	3,254.96	219.72

07 72 33 00-0008 Aluminum Cover And Curb *(07 72 33)*

07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50)	1,141.10	130.48
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50)	1,488.83	144.98
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50)	2,721.29	197.71
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50)	1,458.37	144.98
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50)	2,620.61	161.11
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	2,869.95	219.72
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50)	1,640.05	144.98

07 72 33 00-0016 Steel, Plain, Primed *(07 72 33)*

07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20)	1,148.80	130.48
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20)	1,562.73	144.98
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20)	2,141.11	197.71
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20)	1,450.63	144.98
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,782.88	161.11
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	2,422.72	219.72

07 72 33 00-0023 Stainless Steel *(07 72 33)*

07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90)	2,412.65	130.48
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90)	4,623.25	144.98
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90)	6,953.59	197.71
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90)	3,709.29	144.98
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	7,847.77	161.11
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	8,787.67	219.72

07 72 33 00-0030 Remove And Reinstall Roof Hatch *(07 72 33)*

Note: Includes storage, cleaning and supply materials.

07 72 33 00-0031	EA	Removal And Reinstallation Of Roof Hatch (All Types)	401.32	

07 72 33 00-0032 Aluminum Cover And Galvanized Steel Curb *(07 72 33)*

07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40)	1,104.41	144.98
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40)	1,452.14	161.11
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40)	2,625.90	219.63
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40)	1,429.02	149.50
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40)	2,539.89	165.63

07 72 33 00-0038 Roof Hatch Accessories *(07 72 33)*

07 72 33 00-0039	EA	Roof Hatch Ladderup Safety Post (Bilco LU-1)	753.41	67.95

07 72 33 00-0040 Roof Hatch Safety Railing *(07 72 33)*

Note: Included mounting bracket to attach to roof hatch

07 72 33 00-0041	EA	24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x24)	1,218.95	
07 72 33 00-0042	EA	24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-24x36)	1,267.08	
07 72 33 00-0043	EA	30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x30)	1,296.03	
07 72 33 00-0044	EA	30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-30x36)	1,405.28	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0045	EA	36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-36x36)	1,532.98	
07 72 33 00-0046	EA	48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate (Acudor RHSR-48x48)	1,931.32	

07 72 36 Smoke Vents *(07 72)*

07 72 36 00-0001 Fire Vent *(07 72 36)*

07 72 36 00-0002 Galvanized Steel Covers And Curb *(07 72 36 00-0001)*

07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848)	3,200.51	120.87
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872)	3,674.93	166.17
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890)	4,191.12	181.30
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896)	4,272.46	190.36
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060)	4,971.68	166.17
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072)	5,284.65	181.30
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084)	5,578.24	196.44
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096)	6,355.71	211.57
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120)	7,897.70	226.61
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666)	5,278.24	196.44
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114)	11,152.56	241.74
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272)	6,075.30	256.88

07 72 36 00-0015 Aluminum Covers And Galvanized Steel Curb *(07 72 36 00-0001)*

07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A)	2,558.58	120.87
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A)	2,927.39	166.17
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A)	3,294.90	181.30
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A)	3,411.23	190.36
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A)	3,316.28	166.17
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A)	4,241.44	181.30
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A)	4,535.56	196.44
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A)	4,411.46	211.57
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A)	6,209.81	226.61
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A)	4,278.75	196.44
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A)	8,154.91	241.74
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A)	4,185.93	256.88

07 72 36 00-0028 Aluminum Covers And Curb *(07 72 36 00-0001)*

07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B)	2,793.38	120.87
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B)	3,316.28	166.17
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B)	3,639.77	181.30
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B)	3,851.48	190.36
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B)	3,492.38	166.17
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B)	4,424.88	181.30
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B)	4,696.99	196.44
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B)	4,851.72	211.57
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B)	5,894.30	226.61
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B)	4,484.20	196.44
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B)	8,910.68	241.74
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B)	4,626.18	256.88

07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb *(07 72 36)*

07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B)	2,764.03	120.50
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B)	3,499.70	166.17
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B)	3,697.38	190.36
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B)	3,976.66	166.17
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B)	4,191.35	211.57

07 72 46 Roof Walkways *(07 72)*

07 72 46 00-0001 Recycled Rubber Walkway Pads *(07 72 46)*

07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	8.26	2.24
		For Diamond Surface, Add	*0.63*	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	9.15	2.68
		For Diamond Surface, Add	*0.73*	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	10.09	2.68
		For Diamond Surface, Add	*0.82*	

07 72 53 Snow Guards *(07 72)*

07 72 53 00-0001 Snow Guards For Shingle And Tile Roofs *(07 72 53)*

07 72 53 00-0002	EA	6-5/8" Length, 1-1/2" Width, Copper Snow Guards For Shingle And Tile Roofs	15.22	2.28
07 72 53 00-0003	EA	6-5/8" Length, 1-1/2" Width, Lead Coated Copper Snow Guards For Shingle And Tile Roofs	16.55	2.28
07 72 53 00-0004	EA	6-5/8" Length, 1-1/2" Width, Stainless Steel Snow Guards For Shingle And Tile Roofs	15.67	2.28
07 72 53 00-0005	EA	6-5/8" Length, 1-1/2" Width, Aluminum Snow Guards For Shingle And Tile Roofs	9.49	2.28

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 53 00-0006		Snow Guards For Metal Roofs *(07 72 53)* Note: Aluminum construction.		
07 72 53 00-0007	EA	Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	18.71	3.71
07 72 53 00-0008	EA	Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	20.70	3.71
07 72 53 00-0009	EA	Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	30.10	3.71
07 72 53 00-0010	EA	Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	29.68	3.71
07 72 53 00-0011	EA	Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	28.10	4.33
07 72 53 00-0012	EA	Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	30.60	4.33
07 72 53 00-0013	EA	Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	37.95	4.33
07 72 53 00-0014	EA	Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	16.35	3.25
		For Mechanically Fastened, Add	*6.49*	
07 72 53 00-0015	EA	Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	18.41	3.25
		For Mechanically Fastened, Add	*6.49*	
07 72 53 00-0016	EA	Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	25.43	3.25
		For Mechanically Fastened, Add	*6.49*	
07 72 53 00-0017	EA	Polycarbonate, Adhesive Surface Mount, Metal Roof Snow Guard (Zaleski #15) Note: Can be used for metal, rubber, PVC, TPO or glass roofing.	10.29	3.25
		For Mechanically Fastened, Add	*8.65*	
07 72 53 00-0018		Snow Breaker For Roofs *(07 72 53)*		
07 72 53 00-0019	EA	Up To 50 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	12.61	4.33
07 72 53 00-0020	EA	>50 To 150 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	11.96	4.33
07 72 53 00-0021	EA	>150 To 500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	11.64	4.33
07 72 53 00-0022	EA	>500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	11.26	4.33
07 72 53 00-0023		Ice Breaker For Vents *(07 72 53)*		
07 72 53 00-0024	EA	Ice Breaker For Vents Up to 4", Mechanically Fastened	91.32	
07 72 53 00-0025	EA	Ice Breaker For Vents And Stacks >4" To 14" Diameter, Mechanically Fastened	104.68	
07 72 53 00-0026		Pipe Style, Snow Guards For Metal Roofs *(07 72 53)*		
07 72 53 00-0027		Pipe Style, Standing Seam Metal Roof Snow Guard Clamps *(07 72 53 00-0026)* Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.		
07 72 53 00-0028	EA	Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000)	46.36	12.98
07 72 53 00-0029	EA	Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000)	54.22	12.98
07 72 53 00-0030	EA	Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	60.49	12.98
07 72 53 00-0031	EA	Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	73.99	12.98
07 72 53 00-0032	EA	Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000)	77.15	15.57
07 72 53 00-0033		Tubing For Snow Guard Clamps *(07 72 53 00-0026)*		
07 72 53 00-0034	LF	1" Outside Diameter Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®) Note: Includes end caps, collars and couplings.	9.84	3.12
07 72 53 00-0035	LF	1" Outside Diameter Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®) Note: Includes end caps, collars and couplings.	18.18	3.12
07 72 56		**Snow/Ice Melt Cable** *(07 72)*		
07 72 56 00-0001		Self Regulating Heating Cable For Roofs And Gutters *(07 72 56)*		
07 72 56 00-0002	LF	12 Watt, 120 Volt, Self Regulating Low Temperature Cable For Roofs And Gutters Note: Nickel-coated copper braided cable with weatherproof jacket.	10.17	1.00
07 72 56 00-0003	LF	12 Watt, 208/277 Volt Self Regulating Low Temperature Cable For Roofs And Gutters Note: Nickel-coated copper braided cable with weatherproof jacket.	10.91	1.00
07 72 56 00-0004	EA	Power Connection, End Seal And Warning Labels Kit For Self Regulating Heating Cable For Roofs And Gutters	191.90	74.91
07 72 56 00-0005	EA	Splice Kit For Self Regulating Heating Cable For Roofs And Gutters	145.26	54.94
07 72 56 00-0006	EA	Edge Of Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters	7.26	3.00
		For >5, Deduct	*-0.60*	
07 72 56 00-0007	EA	Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters	6.78	3.00
		For >5, Deduct	*-0.55*	
07 72 56 00-0008	EA	Downspout Hanger Kit For Self Regulating Heating Cable For Roofs And Gutters	41.89	7.49
07 72 56 00-0009	EA	120 Volt AC, Snow Switch, Automatic Control For Melting Snow	647.43	59.93
07 72 56 00-0010	EA	Automatic Gutter Ice Melting Control	884.41	74.91
07 72 63		**Waste Containment Assemblies** *(07 72)*		
07 72 63 00-0001		Rooftop Oil And Grease Containment System *(07 72 63)*		
07 72 63 00-0002		Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) *(07 72 63 00-0001)*		
07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	1,914.22	182.55
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	2,123.47	182.55
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	2,579.86	189.85
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	2,567.90	189.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0007	EA	72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E)	3,322.21	205.37
07 72 63 00-0008	EA	72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E)	2,625.50	205.37
07 72 63 00-0009	EA	90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E)	2,936.94	243.34
07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E)	4,285.66	304.22
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E)	5,266.44	304.22
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E)	6,612.01	304.22

07 72 63 00-0013 Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) *(07 72 63 00-0001)*

07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	2,323.81	182.55
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	2,595.92	182.55
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	3,180.89	189.85
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	3,234.72	189.85
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	4,569.11	205.37
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	4,996.71	205.37
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	4,683.20	243.34
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	5,296.34	304.22
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	6,573.14	304.22
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113)	8,322.39	304.22

07 72 63 00-0024 Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63)*

Note: Includes removing old filters and installing new filters.

07 72 63 00-0025 Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*

07 72 63 00-0026 Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0025)*

07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	154.54
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	214.35
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	304.04
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	283.28
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	522.50
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	528.47
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	412.01
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	531.62
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	773.82
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	1,016.03

07 72 63 00-0037 Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*

07 72 63 00-0038 Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	317.74
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	419.41
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	604.81
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	566.08
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	1,077.40
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	1,083.37
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	808.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	1,086.54	
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	1,585.89	
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	2,106.19	

07 72 63 00-0049 Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	392.50	
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	485.20	
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	706.47	
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	670.74	
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	1,295.68	
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	1,289.70	
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	946.01	
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	1,304.82	
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	1,825.11	
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	2,533.78	

07 72 73 Vegetated Roof Systems *(07 72)*

07 72 73 00-0001 Garden Roof System *(07 72 73)*

Note: Excludes walkway pavers, shrubs and plants. See CSI section 32 92 00 00-0000 for turf and grasses, 32 93 00 00-0000 for plants.

07 72 73 00-0002 Fluid Applied Polyurethane (WhiteKnight) Waterproofing *(07 72 73 00-0001)*

Note: Includes pressure wash, primer, base coat, polyester reinforcement, top coat and finish coat.

07 72 73 00-0003	SF	Up To 250 SF Fluid Applied Polyurethane Waterproofing	8.50	
07 72 73 00-0004	SF	>250 To 500 SF Fluid Applied Polyurethane Waterproofing	8.30	
07 72 73 00-0005	SF	>500 To 2,500 SF Fluid Applied Polyurethane Waterproofing	8.00	
07 72 73 00-0006	SF	>2,500 To 5,000 SF Fluid Applied Polyurethane Waterproofing	7.70	
07 72 73 00-0007	SF	>5,000 To 10,000 SF Fluid Applied Polyurethane Waterproofing	7.40	
07 72 73 00-0008	SF	>10,000 To 25,000 SF Fluid Applied Polyurethane Waterproofing	7.10	
07 72 73 00-0009	SF	>25,000 To 50,000 SF Fluid Applied Polyurethane Waterproofing	6.80	
07 72 73 00-0010	SF	>50,000 SF Fluid Applied Polyurethane Waterproofing	6.50	

07 72 73 00-0011 Filterdrain (Greenshield Filterdrain) *(07 72 73 00-0001)*

07 72 73 00-0012	SF	Up To 250 SF Filterdrain	3.00	
07 72 73 00-0013	SF	>250 To 500 SF Filterdrain	2.80	
07 72 73 00-0014	SF	>500 To 2,500 SF Filterdrain	2.60	
07 72 73 00-0015	SF	>2,500 To 5,000 SF Filterdrain	2.40	
07 72 73 00-0016	SF	>5,000 To 10,000 SF Filterdrain	2.20	
07 72 73 00-0017	SF	>10,001 To 25,000 SF Filterdrain	2.10	
07 72 73 00-0018	SF	>25,000 To 50,000 SF Filterdrain	2.05	
07 72 73 00-0019	SF	>50,000 SF Filterdrain	2.00	

07 72 73 00-0020 Soil (Greenshield Oasis) *(07 72 73 00-0001)*

07 72 73 00-0021	SF	Up To 250 SF Growing Media / Engineered Soil, 1" Depth	1.00	
07 72 73 00-0022	SF	>250 To 500 SF Growing Media / Engineered Soil, 1" Depth	0.85	
07 72 73 00-0023	SF	>500 To 2,500 SF Growing Media / Engineered Soil, 1" Depth	0.70	
07 72 73 00-0024	SF	>2,500 To 5,000 SF Growing Media / Engineered Soil, 1" Depth	0.70	
07 72 73 00-0025	SF	>5,000 To 10,000 SF Growing Media / Engineered Soil, 1" Depth	0.55	
07 72 73 00-0026	SF	>10,000 To 25,000 SF Growing Media / Engineered Soil, 1" Depth	0.50	
07 72 73 00-0027	SF	>25,000 To 50,000 SF Growing Media / Engineered Soil, 1" Depth	0.45	
07 72 73 00-0028	SF	>50,000 SF Growing Media / Engineered Soil, 1" Depth	0.40	

07 72 73 00-0029 Irrigation Topical And Controls *(07 72 73 00-0001)*

07 72 73 00-0030	SF	Up To 250 SF Irrigation Topical	15.00	
07 72 73 00-0031	SF	>250 To 500 SF Irrigation Topical	14.75	
07 72 73 00-0032	SF	>500 To 2,500 SF Irrigation Topical	9.50	
07 72 73 00-0033	SF	>2,500 To 5,000 SF Irrigation Topical	7.50	
07 72 73 00-0034	SF	>5,000 To 10,000 SF Irrigation Topical	5.50	
07 72 73 00-0035	SF	>10,000 To 25,000 SF Irrigation Topical	3.50	
07 72 73 00-0036	SF	>25,000 To 50,000 SF Irrigation Topical	2.50	
07 72 73 00-0037	SF	>50,000 SF Irrigation Topical	2.00	

07 73 Roof Protection Board *(07 70)*

07 73 00 00-0001 Roof Protection Board *(07 73)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

07 73 00 00-0002 Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

07 73 00 00-0003	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Cold Adhesive Applied	2.79	0.45
		For No Adhesive, Deduct	*-0.56*	
07 73 00 00-0004	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Cold Adhesive Applied	3.14	0.50
		For No Adhesive, Deduct	*-0.58*	
07 73 00 00-0005	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Cold Adhesive Applied	3.32	0.55
		For No Adhesive, Deduct	*-0.60*	
07 73 00 00-0006	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Cold Adhesive Applied	2.83	0.45
		For No Adhesive, Deduct	*-0.56*	
07 73 00 00-0007	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Cold Adhesive Applied	3.19	0.50
		For No Adhesive, Deduct	*-0.58*	
07 73 00 00-0008	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Cold Adhesive Applied	3.37	0.55
		For No Adhesive, Deduct	*-0.60*	

07 73 00 00-0009 Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

07 73 00 00-0010	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Hot-Mopped	2.70	0.45
07 73 00 00-0011	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Hot-Mopped	3.07	0.50
07 73 00 00-0012	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Hot-Mopped	3.27	0.55
07 73 00 00-0013	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Hot-Mopped	2.74	0.45
07 73 00 00-0014	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Hot-Mopped	3.12	0.50
07 73 00 00-0015	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Hot-Mopped	3.32	0.55

07 73 00 00-0016 Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

Note: Mechanically fastened to wood or steel.

07 73 00 00-0017	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Mechanically Fastened	2.60	0.45
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.74*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 73 00 00-0018	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Mechanically Fastened	2.95	0.50
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.09*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 73 00 00-0019	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®), Mechanically Fastened	3.14	0.55
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.86*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 73 00 00-0020	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Mechanically Fastened	2.64	0.45
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.02*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.74*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 73 00 00-0021	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Mechanically Fastened	3.00	0.50
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.09*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.81*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	
07 73 00 00-0022	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime), Mechanically Fastened	3.18	0.55
		For Mechanically Fastened To Concrete, Add	*1.22*	
		For Mechanically Fastened To Gypsum, Add	*1.45*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.39*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.14*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*1.66*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*0.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*2.86*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*2.48*	

07 76 Roof Pavers *(07 70)*

07 76 16 Roof Decking Pavers *(07 76)*

07 76 16 00-0001 Roof Pavers *(07 76 16)*

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	11.74	5.81
		For 1-1/2" Thickness, Deduct	*-0.98*	
		For 2-1/2" Thickness, Add	*0.98*	
		For 3" Thickness, Add	*1.96*	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	9.97	4.38
		For 1-1/2" Thickness, Deduct	*-0.81*	
		For 2-1/2" Thickness, Add	*0.81*	
		For 3" Thickness, Add	*1.62*	
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	8.51	3.48
		For 1-1/2" Thickness, Deduct	*-0.68*	
		For 2-1/2" Thickness, Add	*0.68*	
		For 3" Thickness, Add	*1.35*	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	7.62	3.04
		For 1-1/2" Thickness, Deduct	*-0.60*	
		For 2-1/2" Thickness, Add	*0.60*	
		For 3" Thickness, Add	*1.19*	
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver	7.00	2.77
		For 1-1/2" Thickness, Deduct	*-0.55*	
		For 2-1/2" Thickness, Add	*0.55*	
		For 3" Thickness, Add	*1.09*	

07 76 16 00-0007 Roof Paver Pedestal *(07 76 16)*

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator)	16.10	0.91
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	17.01	0.91
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	17.93	0.91
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator)	8.77	0.91
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator)	8.40	0.91
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal) Note: Stackable.	8.58	0.91
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal Note: Used with High Tab and Elevator pedestals.	4.76	0.91
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator) Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.	6.69	0.91

07 76 19 Composite Insulation Concrete Protection Board *(07 76)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001 Composite Insulation Concrete Protection Board *(07 76 19)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0002	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	3.88	
		For 20 Year Warranty, Deduct	*-0.21*	
		For 15 Year Warranty, Deduct	*-0.41*	
		For 10 Year Warranty, Deduct	*-0.56*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0003	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	4.97	
		For 20 Year Warranty, Deduct	*-0.29*	
		For 15 Year Warranty, Deduct	*-0.59*	
		For 10 Year Warranty, Deduct	*-0.80*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0004	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	5.86	
		For 20 Year Warranty, Deduct	*-0.34*	
		For 15 Year Warranty, Deduct	*-0.68*	
		For 10 Year Warranty, Deduct	*-0.93*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0005	SF	3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	7.03	
		For 20 Year Warranty, Deduct	*-0.43*	
		For 15 Year Warranty, Deduct	*-0.86*	
		For 10 Year Warranty, Deduct	*-1.16*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 80 Fire And Smoke Protection *(07)*

07 81 Applied Fireproofing *(07 80)*

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing *(07 81)*

07 81 16 00-0001 Monokote Fireproofing *(07 81 16)*

07 81 16 00-0002	SF	Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness	1.79	0.62
07 81 16 00-0003	SF	Monokote Fireproofing For Structural Steel, Per Inch Of Thickness	2.49	0.93

07 81 16 00-0004 Gunite Fireproofing *(07 81 16)*

07 81 16 00-0005	SF	Fireproofing, Gunite, Non Reinforced, 1" Thick	2.64	0.63
07 81 16 00-0006	SF	Fireproofing, Gunite, Reinforced, 1" Thick	3.71	0.63

07 81 23 Intumescent Fireproofing *(07 81)*

07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF) *(07 81 23)*

07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	10.36
		For >10,000, Deduct	*-0.98*
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	16.46
		For >10,000, Deduct	*-1.58*

07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	6.89
		For >10,000, Deduct	*-0.62*
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	14.81
		For >10,000, Deduct	*-1.41*
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	33.00
		For >10,000, Deduct	*-3.23*
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	45.29
		For >10,000, Deduct	*-4.45*
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	57.58
		For >10,000, Deduct	*-5.68*
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	69.88
		For >10,000, Deduct	*-6.90*

07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	13.51
		For >10,000, Deduct	*-1.29*
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	24.78
		For >10,000, Deduct	*-2.41*
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	39.11
		For >10,000, Deduct	*-3.84*
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	54.45
		For >10,000, Deduct	*-5.37*
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	68.79
		For >10,000, Deduct	*-6.80*

07 81 23 00-0018 Intumescent Thin Film Fireproofing (Albi Clad FP) *(07 81 23)*

07 81 23 00-0019 Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) *(07 81 23 00-0018)*

Note: Excludes primer.

07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	6.63
		For >10,000, Deduct	*-0.62*
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	14.77
		For >10,000, Deduct	*-1.43*
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	33.51
		For >10,000, Deduct	*-3.30*
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	46.14
		For >10,000, Deduct	*-4.56*
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	58.80
		For >10,000, Deduct	*-5.82*

07 81 33 Mineral-Fiber Fireproofing *(07 81)*

07 81 33 00-0001 Cellulose Fireproofing *(07 81 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness	2.29	0.63

07 84 Firestopping *(07 80)*

07 84 13 Penetration Firestopping *(07 84)*

07 84 13 16 Penetration Firestopping Devices *(07 84 13)*

07 84 13 16-0001 Firestopping Systems For Cable Penetrations *(07 84 13 16)*

07 84 13 16-0002 Intumescent Firestop Cable Sleeve For New Installations *(07 84 13 16-0001)*
Note: Includes putty, escutcheon plates, gaskets and bushings.

07 84 13 16-0003	EA	1" Diameter Intumescent Firestop Sleeve (STI FS100)	54.71	
07 84 13 16-0004	EA	2" Diameter Intumescent Firestop Sleeve (STI FS201)	73.57	
07 84 13 16-0005	EA	4" Diameter Intumescent Firestop Sleeve (STI FS401)	119.44	

07 84 13 16-0006 Intumescent Firestop Cable Pathway For New Or Existing Cable Installations *(07 84 13 16-0001)*
Note: Includes putty and mounting plates.

07 84 13 16-0007	EA	1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	99.95	
07 84 13 16-0008	EA	3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	175.35	
07 84 13 16-0009	EA	4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	321.11	

07 84 13 16-0010 3M Intumescent Firestopping Multi-Trade Pass Through Device *(07 84 13 16)*

07 84 13 16-0011	EA	2.5" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	225.68	
07 84 13 16-0012	EA	4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	209.02	
07 84 13 16-0013	EA	4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	215.35	

07 84 13 16-0014 Intumescent Firestopping Pipe Collar *(07 84 13 16)*

07 84 13 16-0015	EA	1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	33.95	9.72
07 84 13 16-0016	EA	2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	40.93	9.72
07 84 13 16-0017	EA	3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	47.61	10.70
07 84 13 16-0018	EA	4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	74.51	12.16
07 84 13 16-0019	EA	8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	365.93	14.59
07 84 13 16-0020	EA	10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	472.76	16.05

07 84 13 16-0021 Fire Rated Enclosures (Fire Rated Product Specialties Corp.) *(07 84 13 16)*
Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.

07 84 13 16-0022	EA	12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9) Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.	120.58	
07 84 13 16-0023	EA	15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9) Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.	126.59	
07 84 13 16-0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH) Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.	234.37	
07 84 13 16-0025	EA	14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3) Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.	153.02	

07 84 13 16-0026 Intumescent Firestopping Wrap Strips *(07 84 13 16)*

07 84 13 16-0027	LF	1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series)	5.41	

07 84 13 19 Penetration Firestopping Caulk *(07 84 13)*

07 84 13 19-0001 Intumescent Firestopping For Sealing Pipe Penetrations (Hilti) *(07 84 13 19)*
Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.

07 84 13 19-0002	EA	1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	19.65	
		For Intumescent Sealant For Plastic Pipe, Add	*0.06*	
07 84 13 19-0003	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	24.19	
		For Intumescent Sealant For Plastic Pipe, Add	*0.32*	
07 84 13 19-0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	23.99	
		For Intumescent Sealant For Plastic Pipe, Add	*0.24*	
07 84 13 19-0005	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	23.66	
		For Intumescent Sealant For Plastic Pipe, Add	*0.10*	
07 84 13 19-0006	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	28.02	
		For Intumescent Sealant For Plastic Pipe, Add	*0.68*	
07 84 13 19-0007	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	27.82	
		For Intumescent Sealant For Plastic Pipe, Add	*0.60*	
07 84 13 19-0008	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	27.49	
		For Intumescent Sealant For Plastic Pipe, Add	*0.46*	
07 84 13 19-0009	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	26.97	
		For Intumescent Sealant For Plastic Pipe, Add	*0.26*	
07 84 13 19-0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	26.53	
		For Intumescent Sealant For Plastic Pipe, Add	*0.08*	
07 84 13 19-0011	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	34.04	
		For Intumescent Sealant For Plastic Pipe, Add	*1.14*	
07 84 13 19-0012	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	33.85	
		For Intumescent Sealant For Plastic Pipe, Add	*1.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0013	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	33.51	
		For Intumescent Sealant For Plastic Pipe, Add	*0.92*	
07 84 13 19-0014	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	32.99	
		For Intumescent Sealant For Plastic Pipe, Add	*0.72*	
07 84 13 19-0015	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	32.55	
		For Intumescent Sealant For Plastic Pipe, Add	*0.54*	
07 84 13 19-0016	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	31.51	
		For Intumescent Sealant For Plastic Pipe, Add	*0.12*	
07 84 13 19-0017	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	46.66	
		For Intumescent Sealant For Plastic Pipe, Add	*3.06*	
07 84 13 19-0018	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	43.06	
		For Intumescent Sealant For Plastic Pipe, Add	*1.62*	
07 84 13 19-0019	EA	3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	42.72	
		For Intumescent Sealant For Plastic Pipe, Add	*1.49*	
07 84 13 19-0020	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	42.20	
		For Intumescent Sealant For Plastic Pipe, Add	*1.28*	
07 84 13 19-0021	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	41.77	
		For Intumescent Sealant For Plastic Pipe, Add	*1.11*	
07 84 13 19-0022	EA	3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	40.72	
		For Intumescent Sealant For Plastic Pipe, Add	*0.69*	
07 84 13 19-0023	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	39.38	
		For Intumescent Sealant For Plastic Pipe, Add	*0.15*	
07 84 13 19-0024	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	62.88	
		For Intumescent Sealant For Plastic Pipe, Add	*5.65*	
07 84 13 19-0025	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	62.51	
		For Intumescent Sealant For Plastic Pipe, Add	*5.50*	
07 84 13 19-0026	EA	4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	61.92	
		For Intumescent Sealant For Plastic Pipe, Add	*5.27*	
07 84 13 19-0027	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	60.99	
		For Intumescent Sealant For Plastic Pipe, Add	*4.90*	
07 84 13 19-0028	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	60.20	
		For Intumescent Sealant For Plastic Pipe, Add	*4.58*	
07 84 13 19-0029	EA	4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	54.07	
		For Intumescent Sealant For Plastic Pipe, Add	*2.13*	
07 84 13 19-0030	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	52.72	
		For Intumescent Sealant For Plastic Pipe, Add	*1.59*	
07 84 13 19-0031	EA	4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant	50.67	
		For Intumescent Sealant For Plastic Pipe, Add	*0.77*	
07 84 13 19-0032	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant	100.85	
		For Intumescent Sealant For Plastic Pipe, Add	*13.04*	
07 84 13 19-0033	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	100.49	
		For Intumescent Sealant For Plastic Pipe, Add	*12.90*	
07 84 13 19-0034	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant	99.89	
		For Intumescent Sealant For Plastic Pipe, Add	*12.66*	
07 84 13 19-0035	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant	98.96	
		For Intumescent Sealant For Plastic Pipe, Add	*12.28*	
07 84 13 19-0036	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant	98.17	
		For Intumescent Sealant For Plastic Pipe, Add	*11.97*	
07 84 13 19-0037	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant	96.30	
		For Intumescent Sealant For Plastic Pipe, Add	*11.22*	
07 84 13 19-0038	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	93.87	
		For Intumescent Sealant For Plastic Pipe, Add	*10.25*	
07 84 13 19-0039	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant	90.19	
		For Intumescent Sealant For Plastic Pipe, Add	*8.78*	
07 84 13 19-0040	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant	76.34	
		For Intumescent Sealant For Plastic Pipe, Add	*3.24*	
07 84 13 19-0041	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant	134.36	
		For Intumescent Sealant For Plastic Pipe, Add	*20.60*	
07 84 13 19-0042	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant	130.67	
		For Intumescent Sealant For Plastic Pipe, Add	*19.12*	
07 84 13 19-0043	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant	123.29	
		For Intumescent Sealant For Plastic Pipe, Add	*16.17*	
07 84 13 19-0044	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant	93.16	
		For Intumescent Sealant For Plastic Pipe, Add	*4.12*	
07 84 13 19-0045	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant	171.17	
		For Intumescent Sealant For Plastic Pipe, Add	*29.47*	
07 84 13 19-0046	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant	149.26	
		For Intumescent Sealant For Plastic Pipe, Add	*20.71*	
07 84 13 19-0047	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant	110.59	
		For Intumescent Sealant For Plastic Pipe, Add	*5.24*	

07 84 13 19-0048 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations *(07 84 13 19)*

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	23.67
07 84 13 19-0050	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	23.59
07 84 13 19-0051	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	23.49
07 84 13 19-0052	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	26.89
07 84 13 19-0053	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	26.82
07 84 13 19-0054	EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	26.71

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0055	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	26.55	
07 84 13 19-0056	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	26.41	
07 84 13 19-0057	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	32.18	
07 84 13 19-0058	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	32.11	
07 84 13 19-0059	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	32.00	
07 84 13 19-0060	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.84	
07 84 13 19-0061	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.70	
07 84 13 19-0062	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	31.34	
07 84 13 19-0063	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	40.45	
07 84 13 19-0064	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	40.38	
07 84 13 19-0065	EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	40.27	
07 84 13 19-0066	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	40.11	
07 84 13 19-0067	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	39.97	
07 84 13 19-0068	EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	39.61	
07 84 13 19-0069	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	39.11	
07 84 13 19-0070	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	51.45	
07 84 13 19-0071	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	51.37	
07 84 13 19-0072	EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	51.27	
07 84 13 19-0073	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	51.09	
07 84 13 19-0074	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	50.92	
07 84 13 19-0075	EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	50.56	
07 84 13 19-0076	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	50.11	
07 84 13 19-0077	EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	49.40	
07 84 13 19-0078	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	74.46	
07 84 13 19-0079	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	74.39	
07 84 13 19-0080	EA	6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	74.28	
07 84 13 19-0081	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	74.12	
07 84 13 19-0082	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	73.98	
07 84 13 19-0083	EA	6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	73.62	
07 84 13 19-0084	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	73.13	
07 84 13 19-0085	EA	6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	72.46	
07 84 13 19-0086	EA	6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	71.00	
07 84 13 19-0087	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	92.69	
07 84 13 19-0088	EA	8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	92.01	
07 84 13 19-0089	EA	8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	90.56	
07 84 13 19-0090	EA	8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	86.43	
07 84 13 19-0091	EA	10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	111.54	
07 84 13 19-0092	EA	10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	107.41	
07 84 13 19-0093	EA	10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound)	101.95	

07 84 16 Annular Space Firestopping Protection *(07 84)*

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes *(07 84 16)*

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors *(07 84 16 00-0001)*

07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	30.58	
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	43.61	
07 84 16 00-0005	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	45.56	
07 84 16 00-0006	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	47.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 16 00-0007	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	49.46	
07 84 16 00-0008	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	62.49	
07 84 16 00-0009		Intumescent Firestop Gasket For Wall Plates *(07 84 16 00-0001)*		
07 84 16 00-0010	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	12.42	
07 84 16 00-0011	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	12.89	
07 84 16 00-0012	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	12.03	
07 84 16 00-0013	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	12.93	
07 84 16 00-0014	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	12.58	
07 84 16 00-0015	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	12.09	
07 84 16 00-0016		Intumescent Fire Barrier Pillows For Sealing Large Openings *(07 84 16)*		
07 84 16 00-0017	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	31.34	
07 84 16 00-0018	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	33.61	
07 84 16 00-0019	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	36.41	
07 84 16 00-0020		Intumescent Fire Barrier Sheets For Sealing Large Openings *(07 84 16)* Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.		
07 84 16 00-0021	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	284.98	
07 84 16 00-0022	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	401.51	
07 84 16 00-0023	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	543.22	
07 84 16 00-0024		Endothermic Mat Wrap Fire Barrier *(07 84 16)* Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.		
07 84 16 00-0025	SF	0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4)	43.19	
07 84 16 00-0026		Firestopping Caulk For Filling Opening *(07 84 16)*		
07 84 16 00-0027	GAL	Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	160.45	
07 84 16 00-0028		Firestopping Mortar For Filling Opening *(07 84 16)*		
07 84 16 00-0029	CF	Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	144.15	
07 84 23		**Silicone Firestopping Foams** *(07 84)*		
07 84 23 00-0001		Silicone RTV Foam Seal For Blank Openings *(07 84 23)*		
07 84 23 00-0002	EA	2" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	38.38	
07 84 23 00-0003	EA	4" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	93.10	
07 84 23 00-0004	EA	6" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	165.98	
07 84 23 00-0005	EA	8" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	254.87	
07 84 23 00-0006	EA	10" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	364.71	
07 84 23 00-0007	EA	12" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	490.66	
07 84 43		**Joint Firestopping** *(07 84)*		
07 84 43 00-0001		Intumescent Firestopping Sealant For Joints (3M CP 25WB+) *(07 84 43)*		
07 84 43 00-0002	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	341.67	87.74
		For Up To 6 CLF, Add	*19.04*	
		For >30 CLF, Deduct	*-21.01*	
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	380.92	87.74
		For Up To 4 CLF, Add	*21.99*	
		For >20 CLF, Deduct	*-24.93*	
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	429.89	90.67
		For Up To 3 CLF, Add	*25.42*	
		For >15 CLF, Deduct	*-29.34*	
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	449.51	90.67
		For Up To 2.5 CLF, Add	*26.89*	
		For >13 CLF, Deduct	*-31.30*	
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	508.35	90.67
		For Up To 2 CLF, Add	*31.30*	
		For >10 CLF, Deduct	*-37.19*	
07 84 43 00-0007	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	567.19	90.67
		For Up To 1.5 CLF, Add	*35.71*	
		For >8 CLF, Deduct	*-43.07*	
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	635.78	94.57
		For Up To 1.3 CLF, Add	*40.62*	
		For >7 CLF, Deduct	*-49.44*	
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	596.55	94.57
		For Up To 1.4 CLF, Add	*37.67*	
		For >7.5 CLF, Deduct	*-45.52*	
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	684.76	97.49
		For Up To 1.15 CLF, Add	*44.05*	
		For >6 CLF, Deduct	*-53.85*	
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	763.22	97.49
		For Up To 1 CLF, Add	*49.93*	
		For >5 CLF, Deduct	*-61.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	851.42	100.42
		For Up To 0.8 CLF, Add	*56.30*	
		For >4.5 CLF, Deduct	*-70.03*	
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	939.63	104.32
		For Up To 0.75 CLF, Add	*62.67*	
		For >4 CLF, Deduct	*-78.36*	
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,027.83	107.24
		For Up To 0.65 CLF, Add	*69.04*	
		For >3.5 CLF, Deduct	*-86.70*	
07 84 43 00-0015	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,292.45	116.99
		For Up To 0.5 CLF, Add	*88.16*	
		For >2.5 CLF, Deduct	*-111.70*	
		For Silicone Sealant (Bio Fireshield BFS 100 or 200), add	*141.22*	
07 84 43 00-0016	CLF	1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,645.27	129.67
		For Up To 0.4 CLF, Add	*113.65*	
		For >2 CLF, Deduct	*-145.03*	

07 84 43 00-0017 Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) *(07 84 43)*

07 84 43 00-0018	CLF	1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	352.59	87.74
		For Up To 6 CLF, Add	*19.86*	
		For >30 CLF, Deduct	*-22.10*	
07 84 43 00-0019	CLF	1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	397.28	87.74
		For Up To 4 CLF, Add	*23.22*	
		For >20 CLF, Deduct	*-26.57*	
07 84 43 00-0020	CLF	1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	451.71	90.67
		For Up To 3 CLF, Add	*27.05*	
		For >15 CLF, Deduct	*-31.52*	
07 84 43 00-0021	CLF	3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	474.05	90.67
		For Up To 2.5 CLF, Add	*28.73*	
		For >13 CLF, Deduct	*-33.76*	
07 84 43 00-0022	CLF	3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	541.07	90.67
		For Up To 2 CLF, Add	*33.76*	
		For >10 CLF, Deduct	*-40.46*	
07 84 43 00-0023	CLF	3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	608.10	90.67
		For Up To 1.5 CLF, Add	*38.78*	
		For >8 CLF, Deduct	*-47.16*	
07 84 43 00-0024	CLF	3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	684.87	94.57
		For Up To 1.3 CLF, Add	*44.30*	
		For >7 CLF, Deduct	*-54.35*	
07 84 43 00-0025	CLF	1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	640.19	94.57
		For Up To 1.4 CLF, Add	*40.95*	
		For >7.5 CLF, Deduct	*-49.88*	
07 84 43 00-0026	CLF	1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	739.30	97.49
		For Up To 1.15 CLF, Add	*48.14*	
		For >6 CLF, Deduct	*-59.31*	
07 84 43 00-0027	CLF	1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	828.67	97.49
		For Up To 1 CLF, Add	*54.84*	
		For >5 CLF, Deduct	*-68.24*	
07 84 43 00-0028	CLF	1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	927.78	100.42
		For Up To 0.8 CLF, Add	*62.03*	
		For >4.5 CLF, Deduct	*-77.67*	
07 84 43 00-0029	CLF	1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,026.89	104.32
		For Up To 0.75 CLF, Add	*69.22*	
		For >4 CLF, Deduct	*-87.09*	
07 84 43 00-0030	CLF	3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,126.01	107.24
		For Up To 0.65 CLF, Add	*76.41*	
		For >3.5 CLF, Deduct	*-96.51*	
07 84 43 00-0031	CLF	3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,423.35	116.99
		For Up To 0.5 CLF, Add	*97.98*	
		For >2.5 CLF, Deduct	*-124.79*	
07 84 43 00-0032	CLF	1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,819.80	129.67
		For Up To 0.4 CLF, Add	*126.74*	
		For >2 CLF, Deduct	*-162.48*	

07 84 43 00-0033 Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) *(07 84 43)*

07 84 43 00-0034	CLF	1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	309.45	87.74
		For Up To 6 CLF, Add	*16.63*	
		For >30 CLF, Deduct	*-17.78*	
07 84 43 00-0035	CLF	1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	332.56	87.74
		For Up To 4 CLF, Add	*18.36*	
		For >20 CLF, Deduct	*-20.09*	
07 84 43 00-0036	CLF	1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	365.43	90.67
		For Up To 3 CLF, Add	*20.58*	
		For >15 CLF, Deduct	*-22.89*	
07 84 43 00-0037	CLF	3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	376.98	90.67
		For Up To 2.5 CLF, Add	*21.45*	
		For >13 CLF, Deduct	*-24.05*	
07 84 43 00-0038	CLF	3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	411.65	90.67
		For Up To 2 CLF, Add	*24.05*	
		For >10 CLF, Deduct	*-27.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0039	CLF	3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	446.32	90.67
		For Up To 1.5 CLF, Add	*26.65*	
		For >8 CLF, Deduct	*-30.98*	
07 84 43 00-0040	CLF	3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	490.73	94.57
		For Up To 1.3 CLF, Add	*29.74*	
		For >7 CLF, Deduct	*-34.94*	
07 84 43 00-0041	CLF	1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	467.62	94.57
		For Up To 1.4 CLF, Add	*28.00*	
		For >7.5 CLF, Deduct	*-32.63*	
07 84 43 00-0042	CLF	1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	523.59	97.49
		For Up To 1.15 CLF, Add	*31.96*	
		For >6 CLF, Deduct	*-37.74*	
07 84 43 00-0043	CLF	1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	569.82	97.49
		For Up To 1 CLF, Add	*35.42*	
		For >5 CLF, Deduct	*-42.36*	
07 84 43 00-0044	CLF	1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	625.79	100.42
		For Up To 0.8 CLF, Add	*39.38*	
		For >4.5 CLF, Deduct	*-47.47*	
07 84 43 00-0045	CLF	1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	681.76	104.32
		For Up To 0.75 CLF, Add	*43.33*	
		For >4 CLF, Deduct	*-52.58*	
07 84 43 00-0046	CLF	3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	737.74	107.24
		For Up To 0.65 CLF, Add	*47.29*	
		For >3.5 CLF, Deduct	*-57.69*	
07 84 43 00-0047	CLF	3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	905.65	116.99
		For Up To 0.5 CLF, Add	*59.15*	
		For >2.5 CLF, Deduct	*-73.02*	
07 84 43 00-0048	CLF	1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,129.54	129.67
		For Up To 0.4 CLF, Add	*74.97*	
		For >2 CLF, Deduct	*-93.46*	

07 84 56 Fire Safing *(07 84)*

07 84 56 13 Fibrous Fire Safing *(07 84 56)*

07 84 56 13-0001 Thermal Barrier Wrap *(07 84 56 13)*

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002	SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	8.95	
		For Work In Restricted Working Space, Add	*1.20*	
07 84 56 13-0003	SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	14.29	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		For Work In Restricted Working Space, Add	*1.20*	
07 84 56 13-0004	SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	15.58	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		For Work In Restricted Working Space, Add	*1.20*	

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing *(07 84 56 13)*

07 84 56 13-0006	SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	16.98	10.11
		For Work In Restricted Working Space, Add	*4.06*	
		For >500 To 5,000, Deduct	*-1.47*	
		For >5,000, Deduct	*-2.63*	
07 84 56 13-0007	SF	1" Thermal Ceramics FireMaster Blanket Wrap	19.83	10.11
		For Work In Restricted Working Space, Add	*4.06*	
		For >500 To 5,000, Deduct	*-2.12*	
		For >5,000, Deduct	*-3.68*	
07 84 56 13-0008	SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	22.96	10.11
		For Work In Restricted Working Space, Add	*4.06*	
		For >500 To 5,000, Deduct	*-2.84*	
		For >5,000, Deduct	*-4.84*	
07 84 56 13-0009	SF	2" Thermal Ceramics FireMaster Blanket Wrap	26.09	10.11
		For Work In Restricted Working Space, Add	*4.06*	
		For >500 To 5,000, Deduct	*-3.56*	
		For >5,000, Deduct	*-6.00*	

07 90 Joint Protection *(07)*

07 91 Preformed Joint Seals *(07 90)*

07 91 23 Backer Rods *(07 91)*

07 91 23 00-0001 Backer Rods *(07 91 23)*

07 91 23 00-0002	LF	1/4" Polyethylene Or Polyurethane Backer Rod	1.46	0.45
07 91 23 00-0003	LF	3/8" Polyethylene Or Polyurethane Backer Rod	1.58	0.45
07 91 23 00-0004	LF	1/2" Polyethylene Or Polyurethane Backer Rod	1.69	0.45
07 91 23 00-0005	LF	5/8" Polyethylene Or Polyurethane Backer Rod	1.80	0.45
07 91 23 00-0006	LF	3/4" Polyethylene Or Polyurethane Backer Rod	1.86	0.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod	1.97	0.55
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod	2.16	0.55
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	2.37	0.64
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	2.64	0.73
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod	3.08	0.82
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod	4.58	1.00

07 91 26 Joint Fillers *(07 91)*

07 91 26 00-0001 Butyl Rubber Fillers *(07 91 26)*

07 91 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler	1.83	0.55
		For Custom Match Coloring, Add	*0.00*	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler	5.22	1.56
		For Custom Match Coloring, Add	*0.02*	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler	5.94	1.65
		For Custom Match Coloring, Add	*0.03*	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler	6.03	1.74
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler	6.99	3.19

07 91 26 00-0007 Closed Cell Neoprene *(07 91 26)*

07 91 26 00-0008	CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	365.02	105.33
07 91 26 00-0009	CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	590.84	152.16
07 91 26 00-0010	CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	469.49	130.43
07 91 26 00-0011	CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	544.78	136.91
07 91 26 00-0012	CLF	1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	831.02	210.66
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	954.51	228.19
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	875.70	165.94

07 91 26 00-0015 Closed Cell Polyvinyl Chloride *(07 91 26)*

07 91 26 00-0016	CLF	1/8" x 3" Polyethylene Joint Backing, Closed Cell	373.55	130.43
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell	642.04	210.66
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell	491.29	179.82
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell	598.83	189.85
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell	911.15	291.17
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell	1,073.03	316.00
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell	1,431.34	378.79

07 91 26 00-0023 Silicon RTV Foam Penetration Seal *(07 91 26)*

07 91 26 00-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal	137.01	20.90
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal	274.02	41.72
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal	408.69	61.98
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal	581.81	83.52
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal	137.01	20.90
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal	408.32	61.79
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal	713.89	92.83
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal	1,426.17	185.01
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal	2,726.60	333.97
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal	4,157.03	521.72
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal	6,020.50	834.80

07 91 26 00-0035 Seals O-Ring Type Cord "J-Seal" *(07 91 26)*

07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal	3.89	1.18
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal	4.13	1.18
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal	4.35	1.27
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal	4.60	1.36
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal	4.93	1.47
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal	5.16	1.47
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal	5.46	1.56
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal	5.65	1.56

07 91 33 Expansion Joint Seal Systems *(07 91)*

07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) *(07 91 33)*

07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.

07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	59.96	6.19
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	78.77	6.48
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	98.61	6.78
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	120.65	7.07
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	155.08	7.37
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	177.49	7.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	205.22	7.95
07 91 33 00-0010		**Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal)** *(07 91 33 00-0001)*		
		Note: Includes preformed neoprene joint seal and lubricant adhesive.		
07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162)	33.06	6.19
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175)	35.71	6.28
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200)	42.19	6.36
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225)	44.57	6.48
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250)	47.34	6.58
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300)	56.93	6.66
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350)	69.09	6.78
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400)	80.98	7.07
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500)	91.17	7.37
07 91 33 00-0020		**Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal)** *(07 91 33 00-0001)*		
		Note: Includes preformed Santoprene® joint seal and lubricant adhesive.		
07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100)	28.48	6.19
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225)	35.78	6.48
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250)	42.95	6.78
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300)	45.17	6.92
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400)	49.64	7.07
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500)	69.00	7.37
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600)	92.89	7.66
07 91 33 00-0028		**Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal)** *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100)	21.51	2.45
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150)	35.33	2.55
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200)	52.63	2.65
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250)	66.07	2.75
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300)	86.58	2.85
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350)	114.16	2.95
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400)	139.74	3.05
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500)	188.00	3.14
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600)	219.29	3.24
07 91 33 00-0038		**Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II)** *(07 91 33 00-0001)*		
		Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100)	21.01	2.45
07 91 33 00-0040	LF	1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150)	27.41	2.55
07 91 33 00-0041	LF	1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200)	36.40	2.65
07 91 33 00-0042	LF	1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250)	48.98	2.75
07 91 33 00-0043	LF	2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300)	55.73	2.85
07 91 33 00-0044	LF	2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350)	76.88	2.95
07 91 33 00-0045	LF	3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400)	102.83	3.05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0046	LF	3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500)	110.95	3.14

07 92 Joint Sealants *(07 90)*

07 92 13 Elastomeric Joint Sealants *(07 92)*

07 92 13 00-0001 Silicone Sealants And Caulking *(07 92 13)*

07 92 13 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking	302.11	87.74
		For Custom Match Coloring, Add	*9.33*	
		For Up To 6 CLF, Add	*16.08*	
		For >30 CLF, Deduct	*-17.05*	
		For 1 Part Mildew Resistant, Add	*13.61*	
		For High-Modulus Non-Acid Curing, Add	*7.78*	
07 92 13 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking	321.55	87.74
		For Custom Match Coloring, Add	*14.00*	
		For Up To 4 CLF, Add	*17.54*	
		For >20 CLF, Deduct	*-18.99*	
		For 1 Part Mildew Resistant, Add	*20.41*	
		For High-Modulus Non-Acid Curing, Add	*11.66*	
07 92 13 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking	350.73	90.67
		For Custom Match Coloring, Add	*18.66*	
		For Up To 3 CLF, Add	*19.48*	
		For >15 CLF, Deduct	*-21.42*	
		For 1 Part Mildew Resistant, Add	*27.21*	
		For High-Modulus Non-Acid Curing, Add	*15.55*	
07 92 13 00-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking	360.45	90.67
		For Custom Match Coloring, Add	*20.99*	
		For Up To 2.5 CLF, Add	*20.21*	
		For >13 CLF, Deduct	*-22.40*	
		For 1 Part Mildew Resistant, Add	*30.61*	
		For High-Modulus Non-Acid Curing, Add	*17.49*	
07 92 13 00-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking	389.61	90.67
		For Custom Match Coloring, Add	*27.99*	
		For Up To 2 CLF, Add	*22.40*	
		For >10 CLF, Deduct	*-25.31*	
		For 1 Part Mildew Resistant, Add	*40.82*	
		For High-Modulus Non-Acid Curing, Add	*23.33*	
07 92 13 00-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking	418.77	90.67
		For Custom Match Coloring, Add	*34.99*	
		For Up To 1.5 CLF, Add	*24.58*	
		For >8 CLF, Deduct	*-28.23*	
		For 1 Part Mildew Resistant, Add	*51.03*	
		For High-Modulus Non-Acid Curing, Add	*29.16*	
07 92 13 00-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking	457.68	94.57
		For Custom Match Coloring, Add	*41.99*	
		For Up To 1.3 CLF, Add	*27.26*	
		For >7 CLF, Deduct	*-31.63*	
		For 1 Part Mildew Resistant, Add	*61.23*	
		For High-Modulus Non-Acid Curing, Add	*34.99*	
07 92 13 00-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking	438.24	94.57
		For Custom Match Coloring, Add	*37.32*	
		For Up To 1.4 CLF, Add	*25.80*	
		For >7.5 CLF, Deduct	*-29.69*	
		For 1 Part Mildew Resistant, Add	*54.43*	
		For High-Modulus Non-Acid Curing, Add	*31.10*	
07 92 13 00-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking	486.87	97.49
		For Custom Match Coloring, Add	*46.65*	
		For Up To 1.15 CLF, Add	*29.20*	
		For >6 CLF, Deduct	*-34.06*	
		For 1 Part Mildew Resistant, Add	*68.04*	
		For High-Modulus Non-Acid Curing, Add	*38.88*	
07 92 13 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	525.74	97.49
		For Custom Match Coloring, Add	*55.98*	
		For Up To 1 CLF, Add	*32.12*	
		For >5 CLF, Deduct	*-37.95*	
		For 1 Part Mildew Resistant, Add	*81.64*	
		For High-Modulus Non-Acid Curing, Add	*46.65*	
07 92 13 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	574.37	100.42
		For Custom Match Coloring, Add	*65.31*	
		For Up To 0.8 CLF, Add	*35.52*	
		For >4.5 CLF, Deduct	*-42.33*	
		For 1 Part Mildew Resistant, Add	*95.25*	
		For High-Modulus Non-Acid Curing, Add	*54.43*	
07 92 13 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	623.00	104.32
		For Custom Match Coloring, Add	*74.64*	
		For Up To 0.75 CLF, Add	*38.93*	
		For >4 CLF, Deduct	*-46.70*	
		For 1 Part Mildew Resistant, Add	*108.86*	
		For High-Modulus Non-Acid Curing, Add	*62.20*	
07 92 13 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	671.62	107.24
		For Custom Match Coloring, Add	*83.97*	
		For Up To 0.65 CLF, Add	*42.33*	
		For >3.5 CLF, Deduct	*-51.08*	
		For 1 Part Mildew Resistant, Add	*122.46*	
		For High-Modulus Non-Acid Curing, Add	*69.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0015	CLF	3/4" x 1" Joint, Silicone Sealant And Caulking	817.51	116.99
		For Custom Match Coloring, Add	*111.97*	
		For Up To 0.5 CLF, Add	*52.54*	
		For >2.5 CLF, Deduct	*-64.20*	
		For 1 Part Mildew Resistant, Add	*163.29*	
		For High-Modulus Non-Acid Curing, Add	*93.31*	
07 92 13 00-0016	CLF	1" x 1" Joint, Silicone Sealant And Caulking	1,012.00	129.67
		For Custom Match Coloring, Add	*149.29*	
		For Up To 0.4 CLF, Add	*66.15*	
		For >2 CLF, Deduct	*-81.70*	
		For 1 Part Mildew Resistant, Add	*217.71*	
		For High-Modulus Non-Acid Curing, Add	*124.41*	

07 92 13 00-0017 Acrylic/Latex Sealant And Caulking *(07 92 13)*

07 92 13 00-0018	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	276.87	87.74
		For Up To 6 CLF, Add	*14.18*	
		For >30 CLF, Deduct	*-14.53*	
07 92 13 00-0019	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	283.69	87.74
		For Up To 4 CLF, Add	*14.70*	
		For >20 CLF, Deduct	*-15.21*	
07 92 13 00-0020	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	300.26	90.67
		For Up To 3 CLF, Add	*15.70*	
		For >15 CLF, Deduct	*-16.38*	
07 92 13 00-0021	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	303.67	90.67
		For Up To 2.5 CLF, Add	*15.95*	
		For >13 CLF, Deduct	*-16.72*	
07 92 13 00-0022	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	313.90	90.67
		For Up To 2 CLF, Add	*16.72*	
		For >10 CLF, Deduct	*-17.74*	
07 92 13 00-0023	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	324.13	90.67
		For Up To 1.5 CLF, Add	*17.49*	
		For >8 CLF, Deduct	*-18.76*	
07 92 13 00-0024	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	344.11	94.57
		For Up To 1.3 CLF, Add	*18.74*	
		For >7 CLF, Deduct	*-20.27*	
07 92 13 00-0025	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	337.29	94.57
		For Up To 1.4 CLF, Add	*18.23*	
		For >7.5 CLF, Deduct	*-19.59*	
07 92 13 00-0026	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	360.68	97.49
		For Up To 1.15 CLF, Add	*19.74*	
		For >6 CLF, Deduct	*-21.44*	
07 92 13 00-0027	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	374.32	97.49
		For Up To 1 CLF, Add	*20.76*	
		For >5 CLF, Deduct	*-22.81*	
07 92 13 00-0028	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	397.71	100.42
		For Up To 0.8 CLF, Add	*22.27*	
		For >4.5 CLF, Deduct	*-24.66*	
07 92 13 00-0029	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	421.10	104.32
		For Up To 0.75 CLF, Add	*23.78*	
		For >4 CLF, Deduct	*-26.51*	
07 92 13 00-0030	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	444.48	107.24
		For Up To 0.65 CLF, Add	*25.29*	
		For >3.5 CLF, Deduct	*-28.36*	
07 92 13 00-0031	CLF	3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	514.65	116.99
		For Up To 0.5 CLF, Add	*29.82*	
		For >2.5 CLF, Deduct	*-33.92*	
07 92 13 00-0032	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	608.20	129.67
		For Up To 0.4 CLF, Add	*35.87*	
		For >2 CLF, Deduct	*-41.32*	

07 92 13 00-0033 Polyurethane Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0034	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	293.05	87.74
		For Up To 6 CLF, Add	*15.40*	
		For >30 CLF, Deduct	*-16.14*	
07 92 13 00-0035	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	307.96	87.74
		For Up To 4 CLF, Add	*16.52*	
		For >20 CLF, Deduct	*-17.63*	
07 92 13 00-0036	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	332.62	90.67
		For Up To 3 CLF, Add	*18.12*	
		For >15 CLF, Deduct	*-19.61*	
07 92 13 00-0037	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	340.07	90.67
		For Up To 2.5 CLF, Add	*18.68*	
		For >13 CLF, Deduct	*-20.36*	
07 92 13 00-0038	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	362.43	90.67
		For Up To 2 CLF, Add	*20.36*	
		For >10 CLF, Deduct	*-22.59*	
07 92 13 00-0039	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	384.80	90.67
		For Up To 1.5 CLF, Add	*22.04*	
		For >8 CLF, Deduct	*-24.83*	
07 92 13 00-0040	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	416.91	94.57
		For Up To 1.3 CLF, Add	*24.20*	
		For >7 CLF, Deduct	*-27.55*	
07 92 13 00-0041	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	402.00	94.57
		For Up To 1.4 CLF, Add	*23.08*	
		For >7.5 CLF, Deduct	*-26.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0042	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	441.57	97.49
		For Up To 1.15 CLF, Add	*25.81*	
		For >6 CLF, Deduct	*-29.53*	
07 92 13 00-0043	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	471.38	97.49
		For Up To 1 CLF, Add	*28.04*	
		For >5 CLF, Deduct	*-32.51*	
07 92 13 00-0044	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	510.95	100.42
		For Up To 0.8 CLF, Add	*30.77*	
		For >4.5 CLF, Deduct	*-35.98*	
07 92 13 00-0045	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking	550.52	104.32
		For Up To 0.75 CLF, Add	*33.49*	
		For >4 CLF, Deduct	*-39.45*	
07 92 13 00-0046	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	590.09	107.24
		For Up To 0.65 CLF, Add	*36.21*	
		For >3.5 CLF, Deduct	*-42.92*	
07 92 13 00-0047	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking	708.79	116.99
		For Up To 0.5 CLF, Add	*44.38*	
		For >2.5 CLF, Deduct	*-53.33*	

07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0049	CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	295.88	87.74
		For Up To 6 CLF, Add	*15.61*	
		For >30 CLF, Deduct	*-16.43*	
07 92 13 00-0050	CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	312.22	87.74
		For Up To 4 CLF, Add	*16.84*	
		For >20 CLF, Deduct	*-18.06*	
07 92 13 00-0051	CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	338.29	90.67
		For Up To 3 CLF, Add	*18.55*	
		For >15 CLF, Deduct	*-20.18*	
07 92 13 00-0052	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	346.45	90.67
		For Up To 2.5 CLF, Add	*19.16*	
		For >13 CLF, Deduct	*-21.00*	
07 92 13 00-0053	CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	370.95	90.67
		For Up To 2 CLF, Add	*21.00*	
		For >10 CLF, Deduct	*-23.45*	
07 92 13 00-0054	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	395.44	90.67
		For Up To 1.5 CLF, Add	*22.83*	
		For >8 CLF, Deduct	*-25.90*	
07 92 13 00-0055	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	429.67	94.57
		For Up To 1.3 CLF, Add	*25.16*	
		For >7 CLF, Deduct	*-28.83*	
07 92 13 00-0056	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	413.35	94.57
		For Up To 1.4 CLF, Add	*23.93*	
		For >7.5 CLF, Deduct	*-27.20*	
07 92 13 00-0057	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	455.76	97.49
		For Up To 1.15 CLF, Add	*26.87*	
		For >6 CLF, Deduct	*-30.95*	
07 92 13 00-0058	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	488.41	97.49
		For Up To 1 CLF, Add	*29.32*	
		For >5 CLF, Deduct	*-34.22*	
07 92 13 00-0059	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	530.82	100.42
		For Up To 0.8 CLF, Add	*32.26*	
		For >4.5 CLF, Deduct	*-37.97*	
07 92 13 00-0060	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	573.21	104.32
		For Up To 0.75 CLF, Add	*35.19*	
		For >4 CLF, Deduct	*-41.72*	
07 92 13 00-0061	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	615.63	107.24
		For Up To 0.65 CLF, Add	*38.13*	
		For >3.5 CLF, Deduct	*-45.48*	
07 92 13 00-0062	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	742.83	116.99
		For Up To 0.5 CLF, Add	*46.94*	
		For >2.5 CLF, Deduct	*-56.73*	

07 92 13 00-0063 Flexible Polyurethane Security Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0064	CLF	1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	302.80	87.74
		For Up To 6 CLF, Add	*16.13*	
		For >30 CLF, Deduct	*-17.12*	
07 92 13 00-0065	CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	322.59	87.74
		For Up To 4 CLF, Add	*17.61*	
		For >20 CLF, Deduct	*-19.10*	
07 92 13 00-0066	CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	352.13	90.67
		For Up To 3 CLF, Add	*19.59*	
		For >15 CLF, Deduct	*-21.56*	
07 92 13 00-0067	CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	362.02	90.67
		For Up To 2.5 CLF, Add	*20.33*	
		For >13 CLF, Deduct	*-22.55*	
07 92 13 00-0068	CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	391.70	90.67
		For Up To 2 CLF, Add	*22.55*	
		For >10 CLF, Deduct	*-25.52*	
07 92 13 00-0069	CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	421.38	90.67
		For Up To 1.5 CLF, Add	*24.78*	
		For >8 CLF, Deduct	*-28.49*	
07 92 13 00-0070	CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	460.81	94.57
		For Up To 1.3 CLF, Add	*27.49*	
		For >7 CLF, Deduct	*-31.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0071	CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	441.03	94.57
		For Up To 1.4 CLF, Add	*26.01*	
		For >7.5 CLF, Deduct	*-29.97*	
07 92 13 00-0072	CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	490.35	97.49
		For Up To 1.15 CLF, Add	*29.46*	
		For >6 CLF, Deduct	*-34.41*	
07 92 13 00-0073	CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	529.92	97.49
		For Up To 1 CLF, Add	*32.43*	
		For >5 CLF, Deduct	*-38.37*	
07 92 13 00-0074	CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	579.25	100.42
		For Up To 0.8 CLF, Add	*35.89*	
		For >4.5 CLF, Deduct	*-42.81*	
07 92 13 00-0075	CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	628.57	104.32
		For Up To 0.75 CLF, Add	*39.34*	
		For >4 CLF, Deduct	*-47.26*	
07 92 13 00-0076	CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	677.90	107.24
		For Up To 0.65 CLF, Add	*42.80*	
		For >3.5 CLF, Deduct	*-51.70*	
07 92 13 00-0077	CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	825.87	116.99
		For Up To 0.5 CLF, Add	*53.17*	
		For >2.5 CLF, Deduct	*-65.04*	

07 92 19 Acoustical Joint Sealants *(07 92)*

07 92 19 00-0001 Acoustical Sealant *(07 92 19)*

07 92 19 00-0002	CLF	1/4" x 1/4" Joint, Acoustical Sealant	292.30	87.74
		For Custom Match Coloring, Add	*6.98*	
		For Up To 6 CLF, Add	*15.34*	
		For >30 CLF, Deduct	*-16.07*	
		For 1 Part Mildew Resistant, Add	*10.17*	
		For High-Modulus Non-Acid Curing, Add	*5.81*	
07 92 19 00-0003	CLF	1/4" x 3/8" Joint, Acoustical Sealant	303.35	87.74
		For Custom Match Coloring, Add	*9.63*	
		For Up To 4 CLF, Add	*16.17*	
		For >20 CLF, Deduct	*-17.17*	
		For 1 Part Mildew Resistant, Add	*14.04*	
		For High-Modulus Non-Acid Curing, Add	*8.02*	
07 92 19 00-0004	CLF	1/4" x 1/2" Joint, Acoustical Sealant	319.60	90.67
		For Custom Match Coloring, Add	*11.19*	
		For Up To 3 CLF, Add	*17.15*	
		For >15 CLF, Deduct	*-18.31*	
		For 1 Part Mildew Resistant, Add	*16.32*	
		For High-Modulus Non-Acid Curing, Add	*9.32*	
07 92 19 00-0005	CLF	3/8" x 3/8" Joint, Acoustical Sealant	337.67	90.67
		For Custom Match Coloring, Add	*15.53*	
		For Up To 2.5 CLF, Add	*18.50*	
		For >13 CLF, Deduct	*-20.12*	
		For 1 Part Mildew Resistant, Add	*22.64*	
		For High-Modulus Non-Acid Curing, Add	*12.94*	
07 92 19 00-0006	CLF	3/8" x 1/2" Joint, Acoustical Sealant	356.45	90.67
		For Custom Match Coloring, Add	*20.03*	
		For Up To 2 CLF, Add	*19.91*	
		For >10 CLF, Deduct	*-22.00*	
		For 1 Part Mildew Resistant, Add	*29.21*	
		For High-Modulus Non-Acid Curing, Add	*16.69*	
07 92 19 00-0007	CLF	1/2" x 1/2" Joint, Acoustical Sealant	400.34	94.57
		For Custom Match Coloring, Add	*28.23*	
		For Up To 1.4 CLF, Add	*22.96*	
		For >7.5 CLF, Deduct	*-25.90*	
		For 1 Part Mildew Resistant, Add	*41.16*	
		For High-Modulus Non-Acid Curing, Add	*23.52*	

07 95 Expansion Control *(07 90)*

07 95 13 Expansion Joint Cover Assemblies *(07 95)*

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies *(07 95 13)*

07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0002 With 1" Space *(07 95 13 13-0001)*

07 95 13 13-0003	LF	Aluminum Expansion Joint Cover, 1" Opening Floor Assembly Type	50.10	5.44
07 95 13 13-0004	LF	Bronze Expansion Joint Cover, 1" Opening Floor Assembly Type	53.40	5.44
07 95 13 13-0005	LF	Stainless Steel Expansion Joint Cover, 1" Opening Floor Assembly Type	73.16	5.44

07 95 13 13-0006 With 2" Space *(07 95 13 13-0001)*

07 95 13 13-0007	LF	Aluminum Expansion Joint Cover, 2" Opening Floor Assembly Type	63.21	5.44
07 95 13 13-0008	LF	Bronze Expansion Joint Cover, 2" Opening Floor Assembly Type	63.25	5.44
07 95 13 13-0009	LF	Stainless Steel Expansion Joint Cover, 2" Opening Floor Assembly Type	97.81	5.44

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0011 With 1" Space *(07 95 13 13-0010)*

07 95 13 13-0012	LF	Aluminum Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	36.98	5.44
07 95 13 13-0013	LF	Bronze Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	43.56	5.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 13-0014	LF	Stainless Steel Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	60.84	5.44
07 95 13 13-0015		**With 2" Space** *(07 95 13 13-0010)*		
07 95 13 13-0016	LF	Aluminum Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	44.85	5.44
07 95 13 13-0017	LF	Bronze Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	48.48	5.44
07 95 13 13-0018	LF	Stainless Steel Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	73.16	5.44
07 95 13 16		**Exterior Expansion Joint Cover Assemblies** *(07 95 13)*		
07 95 13 16-0001		Exterior Roof Aluminum Expansion Joint Cover Assemblies *(07 95 13 16)*		
07 95 13 16-0002		Roof To Roof *(07 95 13 16-0001)*		
07 95 13 16-0003	LF	Exterior Roof To Roof Expansion Joint, 1" Opening Aluminum Assemblies	57.93	3.62
07 95 13 16-0004	LF	Exterior Roof To Roof Expansion Joint, 2" Opening Aluminum Assemblies	68.97	3.62
07 95 13 16-0005	LF	Exterior Roof To Roof Expansion Joint, 3" Opening Aluminum Assemblies	76.58	3.62
07 95 13 16-0006		Roof To Wall *(07 95 13 16-0001)*		
07 95 13 16-0007	LF	Exterior Roof To Wall Expansion Joint, 1" Opening Aluminum Assemblies	44.65	3.62
07 95 13 16-0008	LF	Exterior Roof To Wall Expansion Joint, 2" Opening Aluminum Assemblies	58.17	3.62
07 95 13 16-0009		Flat Wall To Wall *(07 95 13 16-0001)*		
07 95 13 16-0010	LF	Exterior Wall To Wall Expansion Joint, 1" Opening Aluminum Assemblies	34.02	3.62
07 95 13 16-0011	LF	Exterior Wall To Wall Expansion Joint, 2" Opening Aluminum Assemblies	42.13	3.62
07 95 13 16-0012	LF	Exterior Wall To Wall Expansion Joint, 3" Opening Aluminum Assemblies	51.92	3.62
07 95 13 16-0013		Corner To Flat Wall *(07 95 13 16-0001)*		
07 95 13 16-0014	LF	Exterior Corner To Wall Expansion Joint, 1" Opening Aluminum Assemblies	32.70	3.62
07 95 13 16-0015	LF	Exterior Corner To Wall Expansion Joint, 2" Opening Aluminum Assemblies	38.10	3.62
07 95 13 16-0016	LF	Exterior Corner To Wall Expansion Joint, 3" Opening Aluminum Assemblies	53.30	3.62

END OF SECTION 07

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation And Maintenance Of Openings *(08)*

08 01 50 Operation And Maintenance Of Windows *(08 01)*

08 01 52 Operation and Maintenance of Wood Windows *(08 01 50)*

08 01 52 61 Wood Window Repairs *(08 01 52)*

08 01 52 61-0001 Window Restoration And Replacement *(08 01 52 61)*

08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	10.52
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	28.70
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	32.01
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	19.77
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	18.31
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window Note: Channel, spiral or coil balance.	22.37
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window Including The Removal And Replacement Of Wooden Stops And/Or Casing. Note: Channel, spiral or coil balance.	71.14
		For Replacing Two Balances In One Window, Deduct	*-26.92*

08 01 80 Maintenance of Glazing *(08 01)*

08 01 81 Maintenance of Glass Glazing *(08 01 80)*

08 01 81 00-0001 Glazing Compound Repair *(08 01 81)*

08 01 81 00-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing	4.88

08 05 Common Work Results For Openings *(08)*

08 05 13 Door Options And Modifications *(08 05)*

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) *(08 05 13)*

Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	83.52
		For 9/16" To 1-1/16" Glazing Pocket, Add	*41.76*
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	105.72
		For 9/16" To 1-1/16" Glazing Pocket, Add	*52.86*
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	122.64
		For 9/16" To 1-1/16" Glazing Pocket, Add	*61.32*
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	156.47
		For 9/16" To 1-1/16" Glazing Pocket, Add	*78.24*
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	202.99
		For 9/16" To 1-1/16" Glazing Pocket, Add	*101.50*
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	259.02
		For 9/16" To 1-1/16" Glazing Pocket, Add	*129.51*
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	274.88
		For 9/16" To 1-1/16" Glazing Pocket, Add	*137.44*
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	173.45
		For 9/16" To 1-1/16" Glazing Pocket, Add	*37.97*
08 05 13 00-0010	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	203.39
		For 9/16" To 1-1/16" Glazing Pocket, Add	*48.06*
08 05 13 00-0011	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	228.52
		For 9/16" To 1-1/16" Glazing Pocket, Add	*55.75*
08 05 13 00-0012	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	269.03
		For 9/16" To 1-1/16" Glazing Pocket, Add	*71.13*
08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	321.08
		For 9/16" To 1-1/16" Glazing Pocket, Add	*92.27*
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	381.77
		For 9/16" To 1-1/16" Glazing Pocket, Add	*117.74*
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	405.93
		For 9/16" To 1-1/16" Glazing Pocket, Add	*124.95*

08 05 13 00-0016 Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) *(08 05 13)*

Note: Factory primed or powder coated.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	103.61	
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	116.30	
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	154.36	
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	245.28	
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	324.57	
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	403.86	
08 05 13 00-0023	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	459.90	
08 05 13 00-0024	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	176.76	
08 05 13 00-0025	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	196.76	
08 05 13 00-0026	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	242.13	
08 05 13 00-0027	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	340.37	
08 05 13 00-0028	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	426.97	
08 05 13 00-0029	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	513.58	
08 05 13 00-0030	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	576.93	

08 05 13 00-0031 Door Hardware Preparation *(08 05 13)*

08 05 13 00-0032	EA	Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware	73.13	
08 05 13 00-0033	EA	Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware Note: Requires door to be taken off site for UL certification.	180.36	
08 05 13 00-0034	EA	Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware	82.87	
08 05 13 00-0035	EA	Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware Note: Requires door to be taken off site for UL certification.	146.25	
08 05 13 00-0036	EA	Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware	24.37	
08 05 13 00-0037	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod Note: Requires door to be taken off site for UL certification.	268.14	
08 05 13 00-0038	EA	Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod	170.62	
08 05 13 00-0039	EA	Prepare Existing Wood Door (Rated) For Electric Hardware Note: Requires door to be taken off site for UL certification.	180.36	
08 05 13 00-0040	EA	Prepare Existing Door (Non-Rated) For Electric Hardware	82.87	

08 05 13 00-0041 Door Modifications *(08 05 13)*

08 05 13 00-0042	EA	Factory Installed Sound Proofing (STC 28) In Metal Door	117.02	
08 05 13 00-0043	SF	For 16 Gauge Steel Metal Plate Bolted On Door Note: Includes mounting hardware.	23.42	
08 05 13 00-0044	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	87.77	
08 05 13 00-0045	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	44.20	
08 05 13 00-0046	EA	Modify Metal Door Frame For Door Swing Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	994.89	
08 05 13 00-0047	EA	Removal And Reinstallation Of Door	82.89	
08 05 13 00-0048	EA	Removal And Reinstallation Of Metal Door Frame	162.55	
08 05 13 00-0049	EA	Removal And Reinstallation Of Wood Door Frame	98.22	
08 05 13 00-0050	EA	For Factory Installed Fire Bottom Seal In Wood Door, Add	90.30	
08 05 13 00-0051	EA	For Factory Installed Fire Bottom Seal In Steel Door, Add	109.94	
08 05 13 00-0052	EA	Factory Trim Wood Door Edge For Custom Width	63.85	

08 10 Doors And Frames *(08)*

08 11 Metal Doors And Frames *(08 10)*

08 11 63 Metal Screen And Storm Doors And Frames *(08 11)*

08 11 63 13 Steel Screen And Storm Doors And Frames *(08 11 63)*

08 11 63 13-0001 Steel Screen Door *(08 11 63 13)*

Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002	EA	2'-8" x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	829.05	134.10
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	838.84	138.98
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	822.29	138.98

08 11 63 23 Aluminum Screen And Storm Doors And Frames *(08 11 63)*

08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom *(08 11 63 23)*

Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	623.29	78.02
		For Special Finished, Add	*51.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	652.17	78.02
08 11 63 23-0004	EA	Aluminum Screen Door	217.49	48.75
08 11 63 23-0005	SF	Repair Screen Door	6.51	

08 11 73 Sliding Metal Fire Doors *(08 11)*

08 11 73 00-0001 Motor Operated Fire Door *(08 11 73)*

Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	3,897.30	453.20
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,181.66	453.20
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,660.07	453.20
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,177.65	453.20

08 12 Metal Frames *(08 10)*

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames *(08 12)*

08 12 13 13 Standard Hollow Metal Frames *(08 12 13)*

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	296.34	73.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*22.51*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*18.01*	
		For Type 304 Stainless Steel Frame, Add	*277.40*	
		For Type 316 Stainless Steel Frame, Add	*322.42*	
		For Baked Enamel Finish, Add	*66.96*	
		For 18 Gauge Frame, Deduct	*-15.01*	
		For 14 Gauge Frame, Add	*37.51*	
		For 12 Gauge Frame, Add	*57.02*	
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	339.55	80.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*26.79*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*21.44*	
		For Type 304 Stainless Steel Frame, Add	*329.58*	
		For Type 316 Stainless Steel Frame, Add	*383.17*	
		For Baked Enamel Finish, Add	*77.73*	
		For 18 Gauge Frame, Deduct	*-17.86*	
		For 14 Gauge Frame, Add	*44.66*	
		For 12 Gauge Frame, Add	*67.88*	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	352.15	85.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.22*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*21.78*	
		For Type 304 Stainless Steel Frame, Add	*335.20*	
		For Type 316 Stainless Steel Frame, Add	*389.64*	
		For Baked Enamel Finish, Add	*80.04*	
		For 18 Gauge Frame, Deduct	*-18.15*	
		For 14 Gauge Frame, Add	*45.37*	
		For 12 Gauge Frame, Add	*68.96*	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	366.78	92.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.22*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*21.78*	
		For Type 304 Stainless Steel Frame, Add	*335.93*	
		For Type 316 Stainless Steel Frame, Add	*390.37*	
		For Baked Enamel Finish, Add	*82.24*	
		For 18 Gauge Frame, Deduct	*-18.15*	
		For 14 Gauge Frame, Add	*45.37*	
		For 12 Gauge Frame, Add	*68.96*	
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	374.52	95.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.65*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*22.12*	
		For Type 304 Stainless Steel Frame, Add	*341.32*	
		For Type 316 Stainless Steel Frame, Add	*396.62*	
		For Baked Enamel Finish, Add	*83.83*	
		For 18 Gauge Frame, Deduct	*-18.43*	
		For 14 Gauge Frame, Add	*46.09*	
		For 12 Gauge Frame, Add	*70.05*	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	382.25	97.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*28.08*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*22.46*	
		For Type 304 Stainless Steel Frame, Add	*346.71*	
		For Type 316 Stainless Steel Frame, Add	*402.87*	
		For Baked Enamel Finish, Add	*85.42*	
		For 18 Gauge Frame, Deduct	*-18.72*	
		For 14 Gauge Frame, Add	*46.80*	
		For 12 Gauge Frame, Add	*71.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	404.87	102.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.01*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.01*	
		For Type 304 Stainless Steel Frame, Add	*370.35*	
		For Type 316 Stainless Steel Frame, Add	*430.37*	
		For Baked Enamel Finish, Add	*90.74*	
		For 18 Gauge Frame, Deduct	*-20.01*	
		For 14 Gauge Frame, Add	*50.02*	
		For 12 Gauge Frame, Add	*76.02*	
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	414.62	107.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.01*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.01*	
		For Type 304 Stainless Steel Frame, Add	*370.84*	
		For Type 316 Stainless Steel Frame, Add	*430.85*	
		For Baked Enamel Finish, Add	*92.20*	
		For 18 Gauge Frame, Deduct	*-20.01*	
		For 14 Gauge Frame, Add	*50.02*	
		For 12 Gauge Frame, Add	*76.02*	
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	431.52	112.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.08*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.87*	
		For Type 304 Stainless Steel Frame, Add	*384.19*	
		For Type 316 Stainless Steel Frame, Add	*446.36*	
		For Baked Enamel Finish, Add	*95.81*	
		For 18 Gauge Frame, Deduct	*-20.72*	
		For 14 Gauge Frame, Add	*51.80*	
		For 12 Gauge Frame, Add	*78.74*	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	448.41	117.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.15*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*25.72*	
		For Type 304 Stainless Steel Frame, Add	*397.53*	
		For Type 316 Stainless Steel Frame, Add	*461.84*	
		For Baked Enamel Finish, Add	*99.41*	
		For 18 Gauge Frame, Deduct	*-21.44*	
		For 14 Gauge Frame, Add	*53.59*	
		For 12 Gauge Frame, Add	*81.45*	
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	458.16	121.91
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.15*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*25.72*	
		For Type 304 Stainless Steel Frame, Add	*398.02*	
		For Type 316 Stainless Steel Frame, Add	*462.33*	
		For Baked Enamel Finish, Add	*100.88*	
		For 18 Gauge Frame, Deduct	*-21.44*	
		For 14 Gauge Frame, Add	*53.59*	
		For 12 Gauge Frame, Add	*81.45*	
08 12 13 13-0014	EA	5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	466.61	124.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*32.69*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*26.15*	
		For Type 304 Stainless Steel Frame, Add	*404.69*	
		For Type 316 Stainless Steel Frame, Add	*470.07*	
		For Baked Enamel Finish, Add	*102.68*	
		For 18 Gauge Frame, Deduct	*-21.79*	
		For 14 Gauge Frame, Add	*54.48*	
		For 12 Gauge Frame, Add	*82.81*	
08 12 13 13-0015	EA	6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	475.06	126.78
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.23*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*26.58*	
		For Type 304 Stainless Steel Frame, Add	*411.38*	
		For Type 316 Stainless Steel Frame, Add	*477.83*	
		For Baked Enamel Finish, Add	*104.48*	
		For 18 Gauge Frame, Deduct	*-22.15*	
		For 14 Gauge Frame, Add	*55.38*	
		For 12 Gauge Frame, Add	*84.17*	
08 12 13 13-0016	EA	7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	494.23	129.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.37*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*28.29*	
		For Type 304 Stainless Steel Frame, Add	*437.34*	
		For Type 316 Stainless Steel Frame, Add	*508.08*	
		For Baked Enamel Finish, Add	*109.50*	
		For 18 Gauge Frame, Deduct	*-23.58*	
		For 14 Gauge Frame, Add	*58.95*	
		For 12 Gauge Frame, Add	*89.60*	
08 12 13 13-0017	EA	8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	513.40	131.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.51*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*30.01*	
		For Type 304 Stainless Steel Frame, Add	*463.31*	
		For Type 316 Stainless Steel Frame, Add	*538.33*	
		For Baked Enamel Finish, Add	*114.52*	
		For 18 Gauge Frame, Deduct	*-25.01*	
		For 14 Gauge Frame, Add	*62.52*	
		For 12 Gauge Frame, Add	*95.03*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0018		>7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*		
08 12 13 13-0019	EA	2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	313.01	73.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*25.01*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*20.01*	
		For Type 304 Stainless Steel Frame, Add	*307.41*	
		For Type 316 Stainless Steel Frame, Add	*357.43*	
		For Baked Enamel Finish, Add	*71.96*	
		For 18 Gauge Frame, Deduct	*-16.67*	
		For 14 Gauge Frame, Add	*41.68*	
		For 12 Gauge Frame, Add	*63.35*	
08 12 13 13-0020	EA	2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	359.39	80.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.77*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*23.82*	
		For Type 304 Stainless Steel Frame, Add	*365.29*	
		For Type 316 Stainless Steel Frame, Add	*424.83*	
		For Baked Enamel Finish, Add	*83.68*	
		For 18 Gauge Frame, Deduct	*-19.85*	
		For 14 Gauge Frame, Add	*49.62*	
		For 12 Gauge Frame, Add	*75.42*	
08 12 13 13-0021	EA	2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	372.32	85.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.25*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.20*	
		For Type 304 Stainless Steel Frame, Add	*371.50*	
		For Type 316 Stainless Steel Frame, Add	*432.00*	
		For Baked Enamel Finish, Add	*86.10*	
		For 18 Gauge Frame, Deduct	*-20.17*	
		For 14 Gauge Frame, Add	*50.41*	
		For 12 Gauge Frame, Add	*76.63*	
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	386.95	92.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.25*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.20*	
		For Type 304 Stainless Steel Frame, Add	*372.24*	
		For Type 316 Stainless Steel Frame, Add	*432.73*	
		For Baked Enamel Finish, Add	*88.29*	
		For 18 Gauge Frame, Deduct	*-20.17*	
		For 14 Gauge Frame, Add	*50.41*	
		For 12 Gauge Frame, Add	*76.63*	
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	395.00	95.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.72*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.58*	
		For Type 304 Stainless Steel Frame, Add	*378.19*	
		For Type 316 Stainless Steel Frame, Add	*439.63*	
		For Baked Enamel Finish, Add	*89.97*	
		For 18 Gauge Frame, Deduct	*-20.48*	
		For 14 Gauge Frame, Add	*51.21*	
		For 12 Gauge Frame, Add	*77.83*	
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	403.05	97.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.20*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.96*	
		For Type 304 Stainless Steel Frame, Add	*384.15*	
		For Type 316 Stainless Steel Frame, Add	*446.55*	
		For Baked Enamel Finish, Add	*91.66*	
		For 18 Gauge Frame, Deduct	*-20.80*	
		For 14 Gauge Frame, Add	*52.00*	
		For 12 Gauge Frame, Add	*79.04*	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	427.10	102.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.34*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*26.67*	
		For Type 304 Stainless Steel Frame, Add	*410.36*	
		For Type 316 Stainless Steel Frame, Add	*477.05*	
		For Baked Enamel Finish, Add	*97.41*	
		For 18 Gauge Frame, Deduct	*-22.23*	
		For 14 Gauge Frame, Add	*55.57*	
		For 12 Gauge Frame, Add	*84.47*	
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	436.85	107.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.34*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*26.67*	
		For Type 304 Stainless Steel Frame, Add	*410.85*	
		For Type 316 Stainless Steel Frame, Add	*477.54*	
		For Baked Enamel Finish, Add	*98.87*	
		For 18 Gauge Frame, Deduct	*-22.23*	
		For 14 Gauge Frame, Add	*55.57*	
		For 12 Gauge Frame, Add	*84.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	454.54	112.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.53*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*27.63*	
		For Type 304 Stainless Steel Frame, Add	*425.63*	
		For Type 316 Stainless Steel Frame, Add	*494.70*	
		For Baked Enamel Finish, Add	*102.72*	
		For 18 Gauge Frame, Deduct	*-23.02*	
		For 14 Gauge Frame, Add	*57.56*	
		For 12 Gauge Frame, Add	*87.49*	
08 12 13 13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	472.23	117.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.73*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*28.58*	
		For Type 304 Stainless Steel Frame, Add	*440.41*	
		For Type 316 Stainless Steel Frame, Add	*511.86*	
		For Baked Enamel Finish, Add	*106.56*	
		For 18 Gauge Frame, Deduct	*-23.82*	
		For 14 Gauge Frame, Add	*59.54*	
		For 12 Gauge Frame, Add	*90.50*	
08 12 13 13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	481.98	121.91
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.73*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*28.58*	
		For Type 304 Stainless Steel Frame, Add	*440.90*	
		For Type 316 Stainless Steel Frame, Add	*512.35*	
		For Baked Enamel Finish, Add	*108.02*	
		For 18 Gauge Frame, Deduct	*-23.82*	
		For 14 Gauge Frame, Add	*59.54*	
		For 12 Gauge Frame, Add	*90.50*	
08 12 13 13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	490.83	124.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.32*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*29.06*	
		For Type 304 Stainless Steel Frame, Add	*448.29*	
		For Type 316 Stainless Steel Frame, Add	*520.93*	
		For Baked Enamel Finish, Add	*109.95*	
		For 18 Gauge Frame, Deduct	*-24.21*	
		For 14 Gauge Frame, Add	*60.54*	
		For 12 Gauge Frame, Add	*92.01*	
08 12 13 13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	499.67	126.78
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.92*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*29.53*	
		For Type 304 Stainless Steel Frame, Add	*455.68*	
		For Type 316 Stainless Steel Frame, Add	*529.51*	
		For Baked Enamel Finish, Add	*111.87*	
		For 18 Gauge Frame, Deduct	*-24.61*	
		For 14 Gauge Frame, Add	*61.53*	
		For 12 Gauge Frame, Add	*93.52*	
08 12 13 13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	520.42	129.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.30*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*31.44*	
		For Type 304 Stainless Steel Frame, Add	*484.49*	
		For Type 316 Stainless Steel Frame, Add	*563.08*	
		For Baked Enamel Finish, Add	*117.36*	
		For 18 Gauge Frame, Deduct	*-26.20*	
		For 14 Gauge Frame, Add	*65.50*	
		For 12 Gauge Frame, Add	*99.55*	
08 12 13 13-0033	EA	8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	541.18	131.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.68*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*33.34*	
		For Type 304 Stainless Steel Frame, Add	*513.31*	
		For Type 316 Stainless Steel Frame, Add	*596.67*	
		For Baked Enamel Finish, Add	*122.86*	
		For 18 Gauge Frame, Deduct	*-27.79*	
		For 14 Gauge Frame, Add	*69.47*	
		For 12 Gauge Frame, Add	*105.59*	

08 12 13 13-0034 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0035 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0036	EA	2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	313.01	73.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*25.01*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*20.01*	
		For Type 304 Stainless Steel Frame, Add	*307.41*	
		For Type 316 Stainless Steel Frame, Add	*357.43*	
		For Baked Enamel Finish, Add	*71.96*	
		For 18 Gauge Frame, Deduct	*-16.67*	
		For 14 Gauge Frame, Add	*41.68*	
		For 12 Gauge Frame, Add	*63.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0037	EA	2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	359.39	80.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*29.77*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*23.82*	
		For Type 304 Stainless Steel Frame, Add	*365.29*	
		For Type 316 Stainless Steel Frame, Add	*424.83*	
		For Baked Enamel Finish, Add	*83.68*	
		For 18 Gauge Frame, Deduct	*-19.85*	
		For 14 Gauge Frame, Add	*49.62*	
		For 12 Gauge Frame, Add	*75.42*	
08 12 13 13-0038	EA	2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	372.32	85.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.25*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.20*	
		For Type 304 Stainless Steel Frame, Add	*371.50*	
		For Type 316 Stainless Steel Frame, Add	*432.00*	
		For Baked Enamel Finish, Add	*86.10*	
		For 18 Gauge Frame, Deduct	*-20.17*	
		For 14 Gauge Frame, Add	*50.41*	
		For 12 Gauge Frame, Add	*76.63*	
08 12 13 13-0039	EA	2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	386.95	92.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.25*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.20*	
		For Type 304 Stainless Steel Frame, Add	*372.24*	
		For Type 316 Stainless Steel Frame, Add	*432.73*	
		For Baked Enamel Finish, Add	*88.29*	
		For 18 Gauge Frame, Deduct	*-20.17*	
		For 14 Gauge Frame, Add	*50.41*	
		For 12 Gauge Frame, Add	*76.63*	
08 12 13 13-0040	EA	2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	395.00	95.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*30.72*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.58*	
		For Type 304 Stainless Steel Frame, Add	*378.19*	
		For Type 316 Stainless Steel Frame, Add	*439.63*	
		For Baked Enamel Finish, Add	*89.97*	
		For 18 Gauge Frame, Deduct	*-20.48*	
		For 14 Gauge Frame, Add	*51.21*	
		For 12 Gauge Frame, Add	*77.83*	
08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	403.05	97.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*31.20*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*24.96*	
		For Type 304 Stainless Steel Frame, Add	*384.15*	
		For Type 316 Stainless Steel Frame, Add	*446.55*	
		For Baked Enamel Finish, Add	*91.66*	
		For 18 Gauge Frame, Deduct	*-20.80*	
		For 14 Gauge Frame, Add	*52.00*	
		For 12 Gauge Frame, Add	*79.04*	
08 12 13 13-0042	EA	3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	427.10	102.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.34*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*26.67*	
		For Type 304 Stainless Steel Frame, Add	*410.36*	
		For Type 316 Stainless Steel Frame, Add	*477.05*	
		For Baked Enamel Finish, Add	*97.41*	
		For 18 Gauge Frame, Deduct	*-22.23*	
		For 14 Gauge Frame, Add	*55.57*	
		For 12 Gauge Frame, Add	*84.47*	
08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	436.85	107.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.34*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*26.67*	
		For Type 304 Stainless Steel Frame, Add	*410.85*	
		For Type 316 Stainless Steel Frame, Add	*477.54*	
		For Baked Enamel Finish, Add	*98.87*	
		For 18 Gauge Frame, Deduct	*-22.23*	
		For 14 Gauge Frame, Add	*55.57*	
		For 12 Gauge Frame, Add	*84.47*	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	454.54	112.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.53*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*27.63*	
		For Type 304 Stainless Steel Frame, Add	*425.63*	
		For Type 316 Stainless Steel Frame, Add	*494.70*	
		For Baked Enamel Finish, Add	*102.72*	
		For 18 Gauge Frame, Deduct	*-23.02*	
		For 14 Gauge Frame, Add	*57.56*	
		For 12 Gauge Frame, Add	*87.49*	
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	472.23	117.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.73*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*28.58*	
		For Type 304 Stainless Steel Frame, Add	*440.41*	
		For Type 316 Stainless Steel Frame, Add	*511.86*	
		For Baked Enamel Finish, Add	*106.56*	
		For 18 Gauge Frame, Deduct	*-23.82*	
		For 14 Gauge Frame, Add	*59.54*	
		For 12 Gauge Frame, Add	*90.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	481.98	121.91
		For Auxiliary Frame Reinforcement For Hinges, Add	*35.73*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*28.58*	
		For Type 304 Stainless Steel Frame, Add	*440.90*	
		For Type 316 Stainless Steel Frame, Add	*512.35*	
		For Baked Enamel Finish, Add	*108.02*	
		For 18 Gauge Frame, Deduct	*-23.82*	
		For 14 Gauge Frame, Add	*59.54*	
		For 12 Gauge Frame, Add	*90.50*	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	490.83	124.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.32*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*29.06*	
		For Type 304 Stainless Steel Frame, Add	*448.29*	
		For Type 316 Stainless Steel Frame, Add	*520.93*	
		For Baked Enamel Finish, Add	*109.95*	
		For 18 Gauge Frame, Deduct	*-24.21*	
		For 14 Gauge Frame, Add	*60.54*	
		For 12 Gauge Frame, Add	*92.01*	
08 12 13 13-0048	EA	6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	499.67	126.78
		For Auxiliary Frame Reinforcement For Hinges, Add	*36.92*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*29.53*	
		For Type 304 Stainless Steel Frame, Add	*455.68*	
		For Type 316 Stainless Steel Frame, Add	*529.51*	
		For Baked Enamel Finish, Add	*111.87*	
		For 18 Gauge Frame, Deduct	*-24.61*	
		For 14 Gauge Frame, Add	*61.53*	
		For 12 Gauge Frame, Add	*93.52*	
08 12 13 13-0049	EA	7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	520.42	129.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.30*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*31.44*	
		For Type 304 Stainless Steel Frame, Add	*484.49*	
		For Type 316 Stainless Steel Frame, Add	*563.08*	
		For Baked Enamel Finish, Add	*117.36*	
		For 18 Gauge Frame, Deduct	*-26.20*	
		For 14 Gauge Frame, Add	*65.50*	
		For 12 Gauge Frame, Add	*99.55*	
08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	541.18	131.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.68*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*33.34*	
		For Type 304 Stainless Steel Frame, Add	*513.31*	
		For Type 316 Stainless Steel Frame, Add	*596.67*	
		For Baked Enamel Finish, Add	*122.86*	
		For 18 Gauge Frame, Deduct	*-27.79*	
		For 14 Gauge Frame, Add	*69.47*	
		For 12 Gauge Frame, Add	*105.59*	

08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	331.53	73.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*27.79*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*22.23*	
		For Type 304 Stainless Steel Frame, Add	*340.75*	
		For Type 316 Stainless Steel Frame, Add	*396.32*	
		For Baked Enamel Finish, Add	*77.52*	
		For 18 Gauge Frame, Deduct	*-18.52*	
		For 14 Gauge Frame, Add	*46.31*	
		For 12 Gauge Frame, Add	*70.39*	
08 12 13 13-0053	EA	2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	381.44	80.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.08*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*26.46*	
		For Type 304 Stainless Steel Frame, Add	*404.98*	
		For Type 316 Stainless Steel Frame, Add	*471.14*	
		For Baked Enamel Finish, Add	*90.29*	
		For 18 Gauge Frame, Deduct	*-22.05*	
		For 14 Gauge Frame, Add	*55.13*	
		For 12 Gauge Frame, Add	*83.80*	
08 12 13 13-0054	EA	2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	394.72	85.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.61*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*26.89*	
		For Type 304 Stainless Steel Frame, Add	*411.82*	
		For Type 316 Stainless Steel Frame, Add	*479.04*	
		For Baked Enamel Finish, Add	*92.82*	
		For 18 Gauge Frame, Deduct	*-22.41*	
		For 14 Gauge Frame, Add	*56.01*	
		For 12 Gauge Frame, Add	*85.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	409.35	92.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*33.61*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*26.89*	
		For Type 304 Stainless Steel Frame, Add	*412.56*	
		For Type 316 Stainless Steel Frame, Add	*479.77*	
		For Baked Enamel Finish, Add	*95.01*	
		For 18 Gauge Frame, Deduct	*-22.41*	
		For 14 Gauge Frame, Add	*56.01*	
		For 12 Gauge Frame, Add	*85.14*	
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	417.76	95.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.14*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*27.31*	
		For Type 304 Stainless Steel Frame, Add	*419.15*	
		For Type 316 Stainless Steel Frame, Add	*487.43*	
		For Baked Enamel Finish, Add	*96.80*	
		For 18 Gauge Frame, Deduct	*-22.76*	
		For 14 Gauge Frame, Add	*56.90*	
		For 12 Gauge Frame, Add	*86.48*	
08 12 13 13-0057	EA	3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	426.16	97.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*34.67*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*27.73*	
		For Type 304 Stainless Steel Frame, Add	*425.75*	
		For Type 316 Stainless Steel Frame, Add	*495.08*	
		For Baked Enamel Finish, Add	*98.59*	
		For 18 Gauge Frame, Deduct	*-23.11*	
		For 14 Gauge Frame, Add	*57.78*	
		For 12 Gauge Frame, Add	*87.82*	
08 12 13 13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	451.80	102.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.05*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*29.64*	
		For Type 304 Stainless Steel Frame, Add	*454.82*	
		For Type 316 Stainless Steel Frame, Add	*528.92*	
		For Baked Enamel Finish, Add	*104.82*	
		For 18 Gauge Frame, Deduct	*-24.70*	
		For 14 Gauge Frame, Add	*61.75*	
		For 12 Gauge Frame, Add	*93.86*	
08 12 13 13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	461.55	107.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*37.05*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*29.64*	
		For Type 304 Stainless Steel Frame, Add	*455.31*	
		For Type 316 Stainless Steel Frame, Add	*529.41*	
		For Baked Enamel Finish, Add	*106.28*	
		For 18 Gauge Frame, Deduct	*-24.70*	
		For 14 Gauge Frame, Add	*61.75*	
		For 12 Gauge Frame, Add	*93.86*	
08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	480.12	112.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*38.37*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*30.70*	
		For Type 304 Stainless Steel Frame, Add	*471.67*	
		For Type 316 Stainless Steel Frame, Add	*548.42*	
		For Baked Enamel Finish, Add	*110.39*	
		For 18 Gauge Frame, Deduct	*-25.58*	
		For 14 Gauge Frame, Add	*63.95*	
		For 12 Gauge Frame, Add	*97.21*	
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	498.69	117.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.69*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*31.76*	
		For Type 304 Stainless Steel Frame, Add	*488.04*	
		For Type 316 Stainless Steel Frame, Add	*567.43*	
		For Baked Enamel Finish, Add	*114.50*	
		For 18 Gauge Frame, Deduct	*-26.46*	
		For 14 Gauge Frame, Add	*66.16*	
		For 12 Gauge Frame, Add	*100.56*	
08 12 13 13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	508.44	121.91
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.69*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*31.76*	
		For Type 304 Stainless Steel Frame, Add	*488.52*	
		For Type 316 Stainless Steel Frame, Add	*567.91*	
		For Baked Enamel Finish, Add	*115.96*	
		For 18 Gauge Frame, Deduct	*-26.46*	
		For 14 Gauge Frame, Add	*66.16*	
		For 12 Gauge Frame, Add	*100.56*	
08 12 13 13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	517.73	124.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*40.36*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*32.28*	
		For Type 304 Stainless Steel Frame, Add	*496.71*	
		For Type 316 Stainless Steel Frame, Add	*577.42*	
		For Baked Enamel Finish, Add	*118.02*	
		For 18 Gauge Frame, Deduct	*-26.90*	
		For 14 Gauge Frame, Add	*67.26*	
		For 12 Gauge Frame, Add	*102.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	527.01	126.78
		For Auxiliary Frame Reinforcement For Hinges, Add	*41.02*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*32.81*	
		For Type 304 Stainless Steel Frame, Add	*504.89*	
		For Type 316 Stainless Steel Frame, Add	*586.92*	
		For Baked Enamel Finish, Add	*120.07*	
		For 18 Gauge Frame, Deduct	*-27.35*	
		For 14 Gauge Frame, Add	*68.36*	
		For 12 Gauge Frame, Add	*103.91*	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	549.53	129.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*43.66*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*34.93*	
		For Type 304 Stainless Steel Frame, Add	*536.88*	
		For Type 316 Stainless Steel Frame, Add	*624.21*	
		For Baked Enamel Finish, Add	*126.09*	
		For 18 Gauge Frame, Deduct	*-29.11*	
		For 14 Gauge Frame, Add	*72.77*	
		For 12 Gauge Frame, Add	*110.61*	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	572.06	131.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*46.31*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*37.05*	
		For Type 304 Stainless Steel Frame, Add	*568.90*	
		For Type 316 Stainless Steel Frame, Add	*661.52*	
		For Baked Enamel Finish, Add	*132.12*	
		For 18 Gauge Frame, Deduct	*-30.87*	
		For 14 Gauge Frame, Add	*77.19*	
		For 12 Gauge Frame, Add	*117.32*	

08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	410.22	73.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*39.59*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*31.67*	
		For Type 304 Stainless Steel Frame, Add	*482.39*	
		For Type 316 Stainless Steel Frame, Add	*561.57*	
		For Baked Enamel Finish, Add	*101.12*	
		For 18 Gauge Frame, Deduct	*-26.39*	
		For 14 Gauge Frame, Add	*65.98*	
		For 12 Gauge Frame, Add	*100.29*	
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	475.12	80.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*47.13*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*37.70*	
		For Type 304 Stainless Steel Frame, Add	*573.61*	
		For Type 316 Stainless Steel Frame, Add	*667.87*	
		For Baked Enamel Finish, Add	*118.40*	
		For 18 Gauge Frame, Deduct	*-31.42*	
		For 14 Gauge Frame, Add	*78.55*	
		For 12 Gauge Frame, Add	*119.40*	
08 12 13 13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	489.90	85.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*47.88*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*38.31*	
		For Type 304 Stainless Steel Frame, Add	*583.15*	
		For Type 316 Stainless Steel Frame, Add	*678.92*	
		For Baked Enamel Finish, Add	*121.37*	
		For 18 Gauge Frame, Deduct	*-31.92*	
		For 14 Gauge Frame, Add	*79.81*	
		For 12 Gauge Frame, Add	*121.31*	
08 12 13 13-0072	EA	2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	504.53	92.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*47.88*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*38.31*	
		For Type 304 Stainless Steel Frame, Add	*583.88*	
		For Type 316 Stainless Steel Frame, Add	*679.65*	
		For Baked Enamel Finish, Add	*123.56*	
		For 18 Gauge Frame, Deduct	*-31.92*	
		For 14 Gauge Frame, Add	*79.81*	
		For 12 Gauge Frame, Add	*121.31*	
08 12 13 13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	514.44	95.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*48.64*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*38.91*	
		For Type 304 Stainless Steel Frame, Add	*593.18*	
		For Type 316 Stainless Steel Frame, Add	*690.46*	
		For Baked Enamel Finish, Add	*125.81*	
		For 18 Gauge Frame, Deduct	*-32.43*	
		For 14 Gauge Frame, Add	*81.07*	
		For 12 Gauge Frame, Add	*123.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	524.34	97.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*49.39*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*39.51*	
		For Type 304 Stainless Steel Frame, Add	*602.47*	
		For Type 316 Stainless Steel Frame, Add	*701.26*	
		For Baked Enamel Finish, Add	*128.04*	
		For 18 Gauge Frame, Deduct	*-32.93*	
		For 14 Gauge Frame, Add	*82.32*	
		For 12 Gauge Frame, Add	*125.13*	
08 12 13 13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	556.72	102.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*52.79*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*42.23*	
		For Type 304 Stainless Steel Frame, Add	*643.68*	
		For Type 316 Stainless Steel Frame, Add	*749.25*	
		For Baked Enamel Finish, Add	*136.29*	
		For 18 Gauge Frame, Deduct	*-35.19*	
		For 14 Gauge Frame, Add	*87.98*	
		For 12 Gauge Frame, Add	*133.73*	
08 12 13 13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	566.47	107.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*52.79*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*42.23*	
		For Type 304 Stainless Steel Frame, Add	*644.17*	
		For Type 316 Stainless Steel Frame, Add	*749.74*	
		For Baked Enamel Finish, Add	*137.76*	
		For 18 Gauge Frame, Deduct	*-35.19*	
		For 14 Gauge Frame, Add	*87.98*	
		For 12 Gauge Frame, Add	*133.73*	
08 12 13 13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	588.79	112.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*54.67*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*43.74*	
		For Type 304 Stainless Steel Frame, Add	*667.28*	
		For Type 316 Stainless Steel Frame, Add	*776.62*	
		For Baked Enamel Finish, Add	*142.99*	
		For 18 Gauge Frame, Deduct	*-36.45*	
		For 14 Gauge Frame, Add	*91.12*	
		For 12 Gauge Frame, Add	*138.50*	
08 12 13 13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	611.10	117.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.56*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*45.24*	
		For Type 304 Stainless Steel Frame, Add	*690.38*	
		For Type 316 Stainless Steel Frame, Add	*803.49*	
		For Baked Enamel Finish, Add	*148.22*	
		For 18 Gauge Frame, Deduct	*-37.70*	
		For 14 Gauge Frame, Add	*94.26*	
		For 12 Gauge Frame, Add	*143.28*	
08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	620.85	121.91
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.56*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*45.24*	
		For Type 304 Stainless Steel Frame, Add	*690.86*	
		For Type 316 Stainless Steel Frame, Add	*803.97*	
		For Baked Enamel Finish, Add	*149.68*	
		For 18 Gauge Frame, Deduct	*-37.70*	
		For 14 Gauge Frame, Add	*94.26*	
		For 12 Gauge Frame, Add	*143.28*	
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	632.02	124.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*57.50*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*46.00*	
		For Type 304 Stainless Steel Frame, Add	*702.43*	
		For Type 316 Stainless Steel Frame, Add	*817.43*	
		For Baked Enamel Finish, Add	*152.30*	
		For 18 Gauge Frame, Deduct	*-38.33*	
		For 14 Gauge Frame, Add	*95.83*	
		For 12 Gauge Frame, Add	*145.67*	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	643.17	126.78
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.44*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*46.75*	
		For Type 304 Stainless Steel Frame, Add	*713.98*	
		For Type 316 Stainless Steel Frame, Add	*830.86*	
		For Baked Enamel Finish, Add	*154.92*	
		For 18 Gauge Frame, Deduct	*-38.96*	
		For 14 Gauge Frame, Add	*97.40*	
		For 12 Gauge Frame, Add	*148.05*	
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	673.19	129.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.21*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*49.77*	
		For Type 304 Stainless Steel Frame, Add	*759.47*	
		For Type 316 Stainless Steel Frame, Add	*883.90*	
		For Baked Enamel Finish, Add	*163.19*	
		For 18 Gauge Frame, Deduct	*-41.48*	
		For 14 Gauge Frame, Add	*103.69*	
		For 12 Gauge Frame, Add	*157.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	703.21	131.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.98*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*52.79*	
		For Type 304 Stainless Steel Frame, Add	*804.97*	
		For Type 316 Stainless Steel Frame, Add	*936.94*	
		For Baked Enamel Finish, Add	*171.47*	
		For 18 Gauge Frame, Deduct	*-43.99*	
		For 14 Gauge Frame, Add	*109.97*	
		For 12 Gauge Frame, Add	*167.16*	

08 12 13 13-0084 >7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	439.55	73.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*43.99*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*35.19*	
		For Type 304 Stainless Steel Frame, Add	*535.18*	
		For Type 316 Stainless Steel Frame, Add	*623.16*	
		For Baked Enamel Finish, Add	*109.92*	
		For 18 Gauge Frame, Deduct	*-29.33*	
		For 14 Gauge Frame, Add	*73.32*	
		For 12 Gauge Frame, Add	*111.44*	
08 12 13 13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	510.04	80.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*52.37*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*41.89*	
		For Type 304 Stainless Steel Frame, Add	*636.46*	
		For Type 316 Stainless Steel Frame, Add	*741.20*	
		For Baked Enamel Finish, Add	*128.87*	
		For 18 Gauge Frame, Deduct	*-34.91*	
		For 14 Gauge Frame, Add	*87.28*	
		For 12 Gauge Frame, Add	*132.67*	
08 12 13 13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	525.37	85.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.21*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*42.56*	
		For Type 304 Stainless Steel Frame, Add	*646.99*	
		For Type 316 Stainless Steel Frame, Add	*753.40*	
		For Baked Enamel Finish, Add	*132.01*	
		For 18 Gauge Frame, Deduct	*-35.47*	
		For 14 Gauge Frame, Add	*88.68*	
		For 12 Gauge Frame, Add	*134.79*	
08 12 13 13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	540.00	92.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.21*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*42.56*	
		For Type 304 Stainless Steel Frame, Add	*647.73*	
		For Type 316 Stainless Steel Frame, Add	*754.14*	
		For Baked Enamel Finish, Add	*134.21*	
		For 18 Gauge Frame, Deduct	*-35.47*	
		For 14 Gauge Frame, Add	*88.68*	
		For 12 Gauge Frame, Add	*134.79*	
08 12 13 13-0089	EA	2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	550.47	95.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*54.04*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*43.23*	
		For Type 304 Stainless Steel Frame, Add	*658.03*	
		For Type 316 Stainless Steel Frame, Add	*766.12*	
		For Baked Enamel Finish, Add	*136.61*	
		For 18 Gauge Frame, Deduct	*-36.03*	
		For 14 Gauge Frame, Add	*90.07*	
		For 12 Gauge Frame, Add	*136.91*	
08 12 13 13-0090	EA	3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	560.92	97.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*54.88*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*43.90*	
		For Type 304 Stainless Steel Frame, Add	*668.32*	
		For Type 316 Stainless Steel Frame, Add	*778.08*	
		For Baked Enamel Finish, Add	*139.02*	
		For 18 Gauge Frame, Deduct	*-36.59*	
		For 14 Gauge Frame, Add	*91.47*	
		For 12 Gauge Frame, Add	*139.03*	
08 12 13 13-0091	EA	3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	595.82	102.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.65*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*46.92*	
		For Type 304 Stainless Steel Frame, Add	*714.06*	
		For Type 316 Stainless Steel Frame, Add	*831.36*	
		For Baked Enamel Finish, Add	*148.02*	
		For 18 Gauge Frame, Deduct	*-39.10*	
		For 14 Gauge Frame, Add	*97.75*	
		For 12 Gauge Frame, Add	*148.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0092	EA	3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	605.57	107.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.65*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*46.92*	
		For Type 304 Stainless Steel Frame, Add	*714.55*	
		For Type 316 Stainless Steel Frame, Add	*831.85*	
		For Baked Enamel Finish, Add	*149.49*	
		For 18 Gauge Frame, Deduct	*-39.10*	
		For 14 Gauge Frame, Add	*97.75*	
		For 12 Gauge Frame, Add	*148.58*	
08 12 13 13-0093	EA	4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	629.28	112.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.75*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*48.60*	
		For Type 304 Stainless Steel Frame, Add	*740.16*	
		For Type 316 Stainless Steel Frame, Add	*861.65*	
		For Baked Enamel Finish, Add	*155.14*	
		For 18 Gauge Frame, Deduct	*-40.50*	
		For 14 Gauge Frame, Add	*101.24*	
		For 12 Gauge Frame, Add	*153.89*	
08 12 13 13-0094	EA	5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	653.00	117.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.84*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*50.27*	
		For Type 304 Stainless Steel Frame, Add	*765.80*	
		For Type 316 Stainless Steel Frame, Add	*891.48*	
		For Baked Enamel Finish, Add	*160.79*	
		For 18 Gauge Frame, Deduct	*-41.89*	
		For 14 Gauge Frame, Add	*104.74*	
		For 12 Gauge Frame, Add	*159.20*	
08 12 13 13-0095	EA	5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	662.75	121.91
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.84*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*50.27*	
		For Type 304 Stainless Steel Frame, Add	*766.28*	
		For Type 316 Stainless Steel Frame, Add	*891.96*	
		For Baked Enamel Finish, Add	*162.25*	
		For 18 Gauge Frame, Deduct	*-41.89*	
		For 14 Gauge Frame, Add	*104.74*	
		For 12 Gauge Frame, Add	*159.20*	
08 12 13 13-0096	EA	5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	674.61	124.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*63.89*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*51.11*	
		For Type 304 Stainless Steel Frame, Add	*779.09*	
		For Type 316 Stainless Steel Frame, Add	*906.87*	
		For Baked Enamel Finish, Add	*165.08*	
		For 18 Gauge Frame, Deduct	*-42.59*	
		For 14 Gauge Frame, Add	*106.48*	
		For 12 Gauge Frame, Add	*161.85*	
08 12 13 13-0097	EA	6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	686.46	126.78
		For Auxiliary Frame Reinforcement For Hinges, Add	*64.94*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*51.95*	
		For Type 304 Stainless Steel Frame, Add	*791.90*	
		For Type 316 Stainless Steel Frame, Add	*921.77*	
		For Baked Enamel Finish, Add	*167.90*	
		For 18 Gauge Frame, Deduct	*-43.29*	
		For 14 Gauge Frame, Add	*108.23*	
		For 12 Gauge Frame, Add	*164.50*	
08 12 13 13-0098	EA	7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	719.27	129.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.12*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*55.30*	
		For Type 304 Stainless Steel Frame, Add	*842.42*	
		For Type 316 Stainless Steel Frame, Add	*980.67*	
		For Baked Enamel Finish, Add	*177.02*	
		For 18 Gauge Frame, Deduct	*-46.08*	
		For 14 Gauge Frame, Add	*115.21*	
		For 12 Gauge Frame, Add	*175.12*	
08 12 13 13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	752.08	131.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*73.31*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*58.65*	
		For Type 304 Stainless Steel Frame, Add	*892.93*	
		For Type 316 Stainless Steel Frame, Add	*1,039.56*	
		For Baked Enamel Finish, Add	*186.13*	
		For 18 Gauge Frame, Deduct	*-48.88*	
		For 14 Gauge Frame, Add	*122.19*	
		For 12 Gauge Frame, Add	*185.73*	

08 12 13 13-0100 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0101 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	430.02	73.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*42.56*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*34.05*	
		For Type 304 Stainless Steel Frame, Add	*518.03*	
		For Type 316 Stainless Steel Frame, Add	*603.15*	
		For Baked Enamel Finish, Add	*107.06*	
		For 18 Gauge Frame, Deduct	*-28.37*	
		For 14 Gauge Frame, Add	*70.93*	
		For 12 Gauge Frame, Add	*107.82*	
08 12 13 13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	498.69	80.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*50.67*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*40.53*	
		For Type 304 Stainless Steel Frame, Add	*616.03*	
		For Type 316 Stainless Steel Frame, Add	*717.36*	
		For Baked Enamel Finish, Add	*125.47*	
		For 18 Gauge Frame, Deduct	*-33.78*	
		For 14 Gauge Frame, Add	*84.44*	
		For 12 Gauge Frame, Add	*128.35*	
08 12 13 13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	513.84	85.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*51.48*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*41.18*	
		For Type 304 Stainless Steel Frame, Add	*626.24*	
		For Type 316 Stainless Steel Frame, Add	*729.19*	
		For Baked Enamel Finish, Add	*128.55*	
		For 18 Gauge Frame, Deduct	*-34.32*	
		For 14 Gauge Frame, Add	*85.79*	
		For 12 Gauge Frame, Add	*130.40*	
08 12 13 13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	528.47	92.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*51.48*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*41.18*	
		For Type 304 Stainless Steel Frame, Add	*626.97*	
		For Type 316 Stainless Steel Frame, Add	*729.92*	
		For Baked Enamel Finish, Add	*130.75*	
		For 18 Gauge Frame, Deduct	*-34.32*	
		For 14 Gauge Frame, Add	*85.79*	
		For 12 Gauge Frame, Add	*130.40*	
08 12 13 13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	538.76	95.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*52.29*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*41.83*	
		For Type 304 Stainless Steel Frame, Add	*636.95*	
		For Type 316 Stainless Steel Frame, Add	*741.53*	
		For Baked Enamel Finish, Add	*133.10*	
		For 18 Gauge Frame, Deduct	*-34.86*	
		For 14 Gauge Frame, Add	*87.15*	
		For 12 Gauge Frame, Add	*132.46*	
08 12 13 13-0107	EA	3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	549.03	97.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.10*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*42.48*	
		For Type 304 Stainless Steel Frame, Add	*646.92*	
		For Type 316 Stainless Steel Frame, Add	*753.11*	
		For Baked Enamel Finish, Add	*135.45*	
		For 18 Gauge Frame, Deduct	*-35.40*	
		For 14 Gauge Frame, Add	*88.50*	
		For 12 Gauge Frame, Add	*134.51*	
08 12 13 13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	583.11	102.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.75*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*45.40*	
		For Type 304 Stainless Steel Frame, Add	*691.18*	
		For Type 316 Stainless Steel Frame, Add	*804.67*	
		For Baked Enamel Finish, Add	*144.21*	
		For 18 Gauge Frame, Deduct	*-37.83*	
		For 14 Gauge Frame, Add	*94.58*	
		For 12 Gauge Frame, Add	*143.75*	
08 12 13 13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	592.86	107.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.75*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*45.40*	
		For Type 304 Stainless Steel Frame, Add	*691.67*	
		For Type 316 Stainless Steel Frame, Add	*805.16*	
		For Baked Enamel Finish, Add	*145.67*	
		For 18 Gauge Frame, Deduct	*-37.83*	
		For 14 Gauge Frame, Add	*94.58*	
		For 12 Gauge Frame, Add	*143.75*	
08 12 13 13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	616.12	112.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.77*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*47.02*	
		For Type 304 Stainless Steel Frame, Add	*716.47*	
		For Type 316 Stainless Steel Frame, Add	*834.02*	
		For Baked Enamel Finish, Add	*151.19*	
		For 18 Gauge Frame, Deduct	*-39.18*	
		For 14 Gauge Frame, Add	*97.95*	
		For 12 Gauge Frame, Add	*148.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	639.38	117.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.80*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*48.64*	
		For Type 304 Stainless Steel Frame, Add	*741.28*	
		For Type 316 Stainless Steel Frame, Add	*862.88*	
		For Baked Enamel Finish, Add	*156.71*	
		For 18 Gauge Frame, Deduct	*-40.53*	
		For 14 Gauge Frame, Add	*101.33*	
		For 12 Gauge Frame, Add	*154.02*	
08 12 13 13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	649.13	121.91
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.80*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*48.64*	
		For Type 304 Stainless Steel Frame, Add	*741.77*	
		For Type 316 Stainless Steel Frame, Add	*863.36*	
		For Baked Enamel Finish, Add	*158.17*	
		For 18 Gauge Frame, Deduct	*-40.53*	
		For 14 Gauge Frame, Add	*101.33*	
		For 12 Gauge Frame, Add	*154.02*	
08 12 13 13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	660.77	124.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*61.81*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*49.45*	
		For Type 304 Stainless Steel Frame, Add	*754.18*	
		For Type 316 Stainless Steel Frame, Add	*877.80*	
		For Baked Enamel Finish, Add	*160.93*	
		For 18 Gauge Frame, Deduct	*-41.21*	
		For 14 Gauge Frame, Add	*103.02*	
		For 12 Gauge Frame, Add	*156.59*	
08 12 13 13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	672.39	126.78
		For Auxiliary Frame Reinforcement For Hinges, Add	*62.82*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*50.26*	
		For Type 304 Stainless Steel Frame, Add	*766.57*	
		For Type 316 Stainless Steel Frame, Add	*892.22*	
		For Baked Enamel Finish, Add	*163.68*	
		For 18 Gauge Frame, Deduct	*-41.88*	
		For 14 Gauge Frame, Add	*104.71*	
		For 12 Gauge Frame, Add	*159.16*	
08 12 13 13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	704.29	129.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*66.88*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*53.50*	
		For Type 304 Stainless Steel Frame, Add	*815.45*	
		For Type 316 Stainless Steel Frame, Add	*949.21*	
		For Baked Enamel Finish, Add	*172.52*	
		For 18 Gauge Frame, Deduct	*-44.59*	
		For 14 Gauge Frame, Add	*111.46*	
		For 12 Gauge Frame, Add	*169.42*	
08 12 13 13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	736.20	131.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*70.93*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*56.75*	
		For Type 304 Stainless Steel Frame, Add	*864.35*	
		For Type 316 Stainless Steel Frame, Add	*1,006.21*	
		For Baked Enamel Finish, Add	*181.36*	
		For 18 Gauge Frame, Deduct	*-47.29*	
		For 14 Gauge Frame, Add	*118.22*	
		For 12 Gauge Frame, Add	*179.69*	

08 12 13 13-0117 >7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

08 12 13 13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	461.54	73.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*47.29*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*37.83*	
		For Type 304 Stainless Steel Frame, Add	*574.76*	
		For Type 316 Stainless Steel Frame, Add	*669.34*	
		For Baked Enamel Finish, Add	*116.52*	
		For 18 Gauge Frame, Deduct	*-31.53*	
		For 14 Gauge Frame, Add	*78.81*	
		For 12 Gauge Frame, Add	*119.80*	
08 12 13 13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	536.22	80.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*56.30*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*45.04*	
		For Type 304 Stainless Steel Frame, Add	*683.59*	
		For Type 316 Stainless Steel Frame, Add	*796.18*	
		For Baked Enamel Finish, Add	*136.73*	
		For 18 Gauge Frame, Deduct	*-37.53*	
		For 14 Gauge Frame, Add	*93.83*	
		For 12 Gauge Frame, Add	*142.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	551.97	85.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*57.20*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*45.76*	
		For Type 304 Stainless Steel Frame, Add	*694.87*	
		For Type 316 Stainless Steel Frame, Add	*809.26*	
		For Baked Enamel Finish, Add	*139.99*	
		For 18 Gauge Frame, Deduct	*-38.13*	
		For 14 Gauge Frame, Add	*95.33*	
		For 12 Gauge Frame, Add	*144.89*	
08 12 13 13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	566.60	92.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*57.20*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*45.76*	
		For Type 304 Stainless Steel Frame, Add	*695.61*	
		For Type 316 Stainless Steel Frame, Add	*810.00*	
		For Baked Enamel Finish, Add	*142.19*	
		For 18 Gauge Frame, Deduct	*-38.13*	
		For 14 Gauge Frame, Add	*95.33*	
		For 12 Gauge Frame, Add	*144.89*	
08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	577.49	95.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.10*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*46.48*	
		For Type 304 Stainless Steel Frame, Add	*706.67*	
		For Type 316 Stainless Steel Frame, Add	*822.86*	
		For Baked Enamel Finish, Add	*144.72*	
		For 18 Gauge Frame, Deduct	*-38.73*	
		For 14 Gauge Frame, Add	*96.83*	
		For 12 Gauge Frame, Add	*147.18*	
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	588.36	97.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.00*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*47.20*	
		For Type 304 Stainless Steel Frame, Add	*717.71*	
		For Type 316 Stainless Steel Frame, Add	*835.70*	
		For Baked Enamel Finish, Add	*147.25*	
		For 18 Gauge Frame, Deduct	*-39.33*	
		For 14 Gauge Frame, Add	*98.33*	
		For 12 Gauge Frame, Add	*149.46*	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	625.14	102.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*63.05*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*50.44*	
		For Type 304 Stainless Steel Frame, Add	*766.83*	
		For Type 316 Stainless Steel Frame, Add	*892.93*	
		For Baked Enamel Finish, Add	*156.82*	
		For 18 Gauge Frame, Deduct	*-42.03*	
		For 14 Gauge Frame, Add	*105.08*	
		For 12 Gauge Frame, Add	*159.73*	
08 12 13 13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	634.89	107.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*63.05*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*50.44*	
		For Type 304 Stainless Steel Frame, Add	*767.32*	
		For Type 316 Stainless Steel Frame, Add	*893.42*	
		For Baked Enamel Finish, Add	*158.28*	
		For 18 Gauge Frame, Deduct	*-42.03*	
		For 14 Gauge Frame, Add	*105.08*	
		For 12 Gauge Frame, Add	*159.73*	
08 12 13 13-0126	EA	4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	659.66	112.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.30*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*52.24*	
		For Type 304 Stainless Steel Frame, Add	*794.85*	
		For Type 316 Stainless Steel Frame, Add	*925.45*	
		For Baked Enamel Finish, Add	*164.25*	
		For 18 Gauge Frame, Deduct	*-43.54*	
		For 14 Gauge Frame, Add	*108.84*	
		For 12 Gauge Frame, Add	*165.43*	
08 12 13 13-0127	EA	5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	684.42	117.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*67.55*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*54.04*	
		For Type 304 Stainless Steel Frame, Add	*822.35*	
		For Type 316 Stainless Steel Frame, Add	*957.46*	
		For Baked Enamel Finish, Add	*170.22*	
		For 18 Gauge Frame, Deduct	*-45.04*	
		For 14 Gauge Frame, Add	*112.59*	
		For 12 Gauge Frame, Add	*171.14*	
08 12 13 13-0128	EA	5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	694.17	121.91
		For Auxiliary Frame Reinforcement For Hinges, Add	*67.55*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*54.04*	
		For Type 304 Stainless Steel Frame, Add	*822.84*	
		For Type 316 Stainless Steel Frame, Add	*957.95*	
		For Baked Enamel Finish, Add	*171.68*	
		For 18 Gauge Frame, Deduct	*-45.04*	
		For 14 Gauge Frame, Add	*112.59*	
		For 12 Gauge Frame, Add	*171.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0129	EA	5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	706.55	124.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*68.68*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*54.94*	
		For Type 304 Stainless Steel Frame, Add	*836.58*	
		For Type 316 Stainless Steel Frame, Add	*973.94*	
		For Baked Enamel Finish, Add	*174.66*	
		For 18 Gauge Frame, Deduct	*-45.79*	
		For 14 Gauge Frame, Add	*114.47*	
		For 12 Gauge Frame, Add	*173.99*	
08 12 13 13-0130	EA	6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	718.93	126.78
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.81*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*55.84*	
		For Type 304 Stainless Steel Frame, Add	*850.34*	
		For Type 316 Stainless Steel Frame, Add	*989.96*	
		For Baked Enamel Finish, Add	*177.65*	
		For 18 Gauge Frame, Deduct	*-46.54*	
		For 14 Gauge Frame, Add	*116.34*	
		For 12 Gauge Frame, Add	*176.84*	
08 12 13 13-0131	EA	7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	753.83	129.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*74.31*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*59.45*	
		For Type 304 Stainless Steel Frame, Add	*904.62*	
		For Type 316 Stainless Steel Frame, Add	*1,053.24*	
		For Baked Enamel Finish, Add	*187.38*	
		For 18 Gauge Frame, Deduct	*-49.54*	
		For 14 Gauge Frame, Add	*123.85*	
		For 12 Gauge Frame, Add	*188.25*	
08 12 13 13-0132	EA	8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	788.74	131.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*78.81*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*63.05*	
		For Type 304 Stainless Steel Frame, Add	*958.92*	
		For Type 316 Stainless Steel Frame, Add	*1,116.55*	
		For Baked Enamel Finish, Add	*197.12*	
		For 18 Gauge Frame, Deduct	*-52.54*	
		For 14 Gauge Frame, Add	*131.36*	
		For 12 Gauge Frame, Add	*199.66*	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0134 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	443.21	73.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*44.54*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*35.63*	
		For Type 304 Stainless Steel Frame, Add	*541.77*	
		For Type 316 Stainless Steel Frame, Add	*630.85*	
		For Baked Enamel Finish, Add	*111.02*	
		For 18 Gauge Frame, Deduct	*-29.69*	
		For 14 Gauge Frame, Add	*74.23*	
		For 12 Gauge Frame, Add	*112.83*	
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	514.40	80.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.02*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*42.42*	
		For Type 304 Stainless Steel Frame, Add	*644.31*	
		For Type 316 Stainless Steel Frame, Add	*750.35*	
		For Baked Enamel Finish, Add	*130.18*	
		For 18 Gauge Frame, Deduct	*-35.35*	
		For 14 Gauge Frame, Add	*88.37*	
		For 12 Gauge Frame, Add	*134.32*	
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	529.80	85.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.87*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*43.10*	
		For Type 304 Stainless Steel Frame, Add	*654.97*	
		For Type 316 Stainless Steel Frame, Add	*762.71*	
		For Baked Enamel Finish, Add	*133.34*	
		For 18 Gauge Frame, Deduct	*-35.91*	
		For 14 Gauge Frame, Add	*89.78*	
		For 12 Gauge Frame, Add	*136.47*	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	544.43	92.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*53.87*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*43.10*	
		For Type 304 Stainless Steel Frame, Add	*655.70*	
		For Type 316 Stainless Steel Frame, Add	*763.44*	
		For Baked Enamel Finish, Add	*135.53*	
		For 18 Gauge Frame, Deduct	*-35.91*	
		For 14 Gauge Frame, Add	*89.78*	
		For 12 Gauge Frame, Add	*136.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	554.97	95.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*54.72*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*43.77*	
		For Type 304 Stainless Steel Frame, Add	*666.13*	
		For Type 316 Stainless Steel Frame, Add	*775.57*	
		For Baked Enamel Finish, Add	*137.96*	
		For 18 Gauge Frame, Deduct	*-36.48*	
		For 14 Gauge Frame, Add	*91.20*	
		For 12 Gauge Frame, Add	*138.62*	
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	565.50	97.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*55.57*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*44.45*	
		For Type 304 Stainless Steel Frame, Add	*676.56*	
		For Type 316 Stainless Steel Frame, Add	*787.70*	
		For Baked Enamel Finish, Add	*140.39*	
		For 18 Gauge Frame, Deduct	*-37.05*	
		For 14 Gauge Frame, Add	*92.61*	
		For 12 Gauge Frame, Add	*140.77*	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	600.71	102.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.39*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*47.51*	
		For Type 304 Stainless Steel Frame, Add	*722.86*	
		For Type 316 Stainless Steel Frame, Add	*841.63*	
		For Baked Enamel Finish, Add	*149.49*	
		For 18 Gauge Frame, Deduct	*-39.59*	
		For 14 Gauge Frame, Add	*98.98*	
		For 12 Gauge Frame, Add	*150.44*	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	610.46	107.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.39*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*47.51*	
		For Type 304 Stainless Steel Frame, Add	*723.35*	
		For Type 316 Stainless Steel Frame, Add	*842.12*	
		For Baked Enamel Finish, Add	*150.95*	
		For 18 Gauge Frame, Deduct	*-39.59*	
		For 14 Gauge Frame, Add	*98.98*	
		For 12 Gauge Frame, Add	*150.44*	
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	634.35	112.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*61.51*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*49.20*	
		For Type 304 Stainless Steel Frame, Add	*749.29*	
		For Type 316 Stainless Steel Frame, Add	*872.30*	
		For Baked Enamel Finish, Add	*156.66*	
		For 18 Gauge Frame, Deduct	*-41.00*	
		For 14 Gauge Frame, Add	*102.51*	
		For 12 Gauge Frame, Add	*155.82*	
08 12 13 13-0144	EA	5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	658.23	117.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*63.63*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*50.90*	
		For Type 304 Stainless Steel Frame, Add	*775.21*	
		For Type 316 Stainless Steel Frame, Add	*902.46*	
		For Baked Enamel Finish, Add	*162.36*	
		For 18 Gauge Frame, Deduct	*-42.42*	
		For 14 Gauge Frame, Add	*106.04*	
		For 12 Gauge Frame, Add	*161.18*	
08 12 13 13-0145	EA	5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	667.98	121.91
		For Auxiliary Frame Reinforcement For Hinges, Add	*63.63*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*50.90*	
		For Type 304 Stainless Steel Frame, Add	*775.70*	
		For Type 316 Stainless Steel Frame, Add	*902.95*	
		For Baked Enamel Finish, Add	*163.82*	
		For 18 Gauge Frame, Deduct	*-42.42*	
		For 14 Gauge Frame, Add	*106.04*	
		For 12 Gauge Frame, Add	*161.18*	
08 12 13 13-0146	EA	5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	679.93	124.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*64.69*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*51.75*	
		For Type 304 Stainless Steel Frame, Add	*788.67*	
		For Type 316 Stainless Steel Frame, Add	*918.04*	
		For Baked Enamel Finish, Add	*166.68*	
		For 18 Gauge Frame, Deduct	*-43.12*	
		For 14 Gauge Frame, Add	*107.81*	
		For 12 Gauge Frame, Add	*163.87*	
08 12 13 13-0147	EA	6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	691.87	126.78
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.75*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*52.60*	
		For Type 304 Stainless Steel Frame, Add	*801.64*	
		For Type 316 Stainless Steel Frame, Add	*933.13*	
		For Baked Enamel Finish, Add	*169.53*	
		For 18 Gauge Frame, Deduct	*-43.83*	
		For 14 Gauge Frame, Add	*109.58*	
		For 12 Gauge Frame, Add	*166.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0148	EA	7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	725.03	129.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*69.99*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*55.99*	
		For Type 304 Stainless Steel Frame, Add	*852.78*	
		For Type 316 Stainless Steel Frame, Add	*992.76*	
		For Baked Enamel Finish, Add	*178.74*	
		For 18 Gauge Frame, Deduct	*-46.66*	
		For 14 Gauge Frame, Add	*116.65*	
		For 12 Gauge Frame, Add	*177.30*	
08 12 13 13-0149	EA	8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	758.19	131.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*74.23*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*59.38*	
		For Type 304 Stainless Steel Frame, Add	*903.93*	
		For Type 316 Stainless Steel Frame, Add	*1,052.39*	
		For Baked Enamel Finish, Add	*187.96*	
		For 18 Gauge Frame, Deduct	*-49.49*	
		For 14 Gauge Frame, Add	*123.72*	
		For 12 Gauge Frame, Add	*188.05*	

08 12 13 13-0150 >7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*

08 12 13 13-0151	EA	2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	476.20	73.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*49.49*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*39.59*	
		For Type 304 Stainless Steel Frame, Add	*601.15*	
		For Type 316 Stainless Steel Frame, Add	*700.13*	
		For Baked Enamel Finish, Add	*120.92*	
		For 18 Gauge Frame, Deduct	*-32.99*	
		For 14 Gauge Frame, Add	*82.48*	
		For 12 Gauge Frame, Add	*125.37*	
08 12 13 13-0152	EA	2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	553.67	80.46
		For Auxiliary Frame Reinforcement For Hinges, Add	*58.91*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*47.13*	
		For Type 304 Stainless Steel Frame, Add	*715.00*	
		For Type 316 Stainless Steel Frame, Add	*832.82*	
		For Baked Enamel Finish, Add	*141.96*	
		For 18 Gauge Frame, Deduct	*-39.28*	
		For 14 Gauge Frame, Add	*98.19*	
		For 12 Gauge Frame, Add	*149.25*	
08 12 13 13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	569.71	85.34
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.86*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*47.88*	
		For Type 304 Stainless Steel Frame, Add	*726.81*	
		For Type 316 Stainless Steel Frame, Add	*846.52*	
		For Baked Enamel Finish, Add	*145.31*	
		For 18 Gauge Frame, Deduct	*-39.90*	
		For 14 Gauge Frame, Add	*99.76*	
		For 12 Gauge Frame, Add	*151.64*	
08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	584.34	92.65
		For Auxiliary Frame Reinforcement For Hinges, Add	*59.86*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*47.88*	
		For Type 304 Stainless Steel Frame, Add	*727.54*	
		For Type 316 Stainless Steel Frame, Add	*847.25*	
		For Baked Enamel Finish, Add	*147.51*	
		For 18 Gauge Frame, Deduct	*-39.90*	
		For 14 Gauge Frame, Add	*99.76*	
		For 12 Gauge Frame, Add	*151.64*	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	595.50	95.09
		For Auxiliary Frame Reinforcement For Hinges, Add	*60.80*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*48.64*	
		For Type 304 Stainless Steel Frame, Add	*739.09*	
		For Type 316 Stainless Steel Frame, Add	*860.68*	
		For Baked Enamel Finish, Add	*150.12*	
		For 18 Gauge Frame, Deduct	*-40.53*	
		For 14 Gauge Frame, Add	*101.33*	
		For 12 Gauge Frame, Add	*154.02*	
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	606.66	97.52
		For Auxiliary Frame Reinforcement For Hinges, Add	*61.74*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*49.39*	
		For Type 304 Stainless Steel Frame, Add	*750.65*	
		For Type 316 Stainless Steel Frame, Add	*874.13*	
		For Baked Enamel Finish, Add	*152.74*	
		For 18 Gauge Frame, Deduct	*-41.16*	
		For 14 Gauge Frame, Add	*102.90*	
		For 12 Gauge Frame, Add	*156.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	644.70	102.40
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.98*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*52.79*	
		For Type 304 Stainless Steel Frame, Add	*802.04*	
		For Type 316 Stainless Steel Frame, Add	*934.01*	
		For Baked Enamel Finish, Add	*162.69*	
		For 18 Gauge Frame, Deduct	*-43.99*	
		For 14 Gauge Frame, Add	*109.97*	
		For 12 Gauge Frame, Add	*167.16*	
08 12 13 13-0158	EA	3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	654.45	107.28
		For Auxiliary Frame Reinforcement For Hinges, Add	*65.98*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*52.79*	
		For Type 304 Stainless Steel Frame, Add	*802.53*	
		For Type 316 Stainless Steel Frame, Add	*934.50*	
		For Baked Enamel Finish, Add	*164.15*	
		For 18 Gauge Frame, Deduct	*-43.99*	
		For 14 Gauge Frame, Add	*109.97*	
		For 12 Gauge Frame, Add	*167.16*	
08 12 13 13-0159	EA	4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	679.91	112.15
		For Auxiliary Frame Reinforcement For Hinges, Add	*68.34*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*54.67*	
		For Type 304 Stainless Steel Frame, Add	*831.30*	
		For Type 316 Stainless Steel Frame, Add	*967.98*	
		For Baked Enamel Finish, Add	*170.33*	
		For 18 Gauge Frame, Deduct	*-45.56*	
		For 14 Gauge Frame, Add	*113.90*	
		For 12 Gauge Frame, Add	*173.13*	
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	705.37	117.03
		For Auxiliary Frame Reinforcement For Hinges, Add	*70.70*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*56.56*	
		For Type 304 Stainless Steel Frame, Add	*860.06*	
		For Type 316 Stainless Steel Frame, Add	*1,001.45*	
		For Baked Enamel Finish, Add	*176.50*	
		For 18 Gauge Frame, Deduct	*-47.13*	
		For 14 Gauge Frame, Add	*117.83*	
		For 12 Gauge Frame, Add	*179.10*	
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	715.12	121.91
		For Auxiliary Frame Reinforcement For Hinges, Add	*70.70*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*56.56*	
		For Type 304 Stainless Steel Frame, Add	*860.55*	
		For Type 316 Stainless Steel Frame, Add	*1,001.94*	
		For Baked Enamel Finish, Add	*177.96*	
		For 18 Gauge Frame, Deduct	*-47.13*	
		For 14 Gauge Frame, Add	*117.83*	
		For 12 Gauge Frame, Add	*179.10*	
08 12 13 13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	727.85	124.35
		For Auxiliary Frame Reinforcement For Hinges, Add	*71.87*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*57.50*	
		For Type 304 Stainless Steel Frame, Add	*874.92*	
		For Type 316 Stainless Steel Frame, Add	*1,018.67*	
		For Baked Enamel Finish, Add	*181.05*	
		For 18 Gauge Frame, Deduct	*-47.92*	
		For 14 Gauge Frame, Add	*119.79*	
		For 12 Gauge Frame, Add	*182.08*	
08 12 13 13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	740.58	126.78
		For Auxiliary Frame Reinforcement For Hinges, Add	*73.05*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*58.44*	
		For Type 304 Stainless Steel Frame, Add	*889.31*	
		For Type 316 Stainless Steel Frame, Add	*1,035.42*	
		For Baked Enamel Finish, Add	*184.14*	
		For 18 Gauge Frame, Deduct	*-48.70*	
		For 14 Gauge Frame, Add	*121.76*	
		For 12 Gauge Frame, Add	*185.07*	
08 12 13 13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	776.87	129.23
		For Auxiliary Frame Reinforcement For Hinges, Add	*77.76*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*62.21*	
		For Type 304 Stainless Steel Frame, Add	*946.10*	
		For Type 316 Stainless Steel Frame, Add	*1,101.63*	
		For Baked Enamel Finish, Add	*194.30*	
		For 18 Gauge Frame, Deduct	*-51.84*	
		For 14 Gauge Frame, Add	*129.61*	
		For 12 Gauge Frame, Add	*197.00*	
08 12 13 13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	813.18	131.66
		For Auxiliary Frame Reinforcement For Hinges, Add	*82.48*	
		For Welded Frames, Add	*87.47*	
		For Galvanized Frames, Add	*65.98*	
		For Type 304 Stainless Steel Frame, Add	*1,002.91*	
		For Type 316 Stainless Steel Frame, Add	*1,167.87*	
		For Baked Enamel Finish, Add	*204.46*	
		For 18 Gauge Frame, Deduct	*-54.99*	
		For 14 Gauge Frame, Add	*137.47*	
		For 12 Gauge Frame, Add	*208.95*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0166		**Sidelights And Transoms** *(08 12 13 13)* Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0167		**Fixed Steel Transoms** *(08 12 13 13-0166)* Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	54.01	13.65
		For Movable Frame, Add	*10.80*	
		For 18 Gauge Frame, Deduct	*-2.67*	
		For 14 Gauge Frame, Add	*6.68*	
		For 12 Gauge Frame, Add	*10.15*	
08 12 13 13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	56.30	14.14
		For Movable Frame, Add	*11.26*	
		For 18 Gauge Frame, Deduct	*-2.80*	
		For 14 Gauge Frame, Add	*7.01*	
		For 12 Gauge Frame, Add	*10.65*	
08 12 13 13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	58.69	14.63
		For Movable Frame, Add	*11.74*	
		For 18 Gauge Frame, Deduct	*-2.94*	
		For 14 Gauge Frame, Add	*7.36*	
		For 12 Gauge Frame, Add	*11.18*	
08 12 13 13-0171		**Operable Steel Transom Sash** *(08 12 13 13-0166)* Note: Includes hardware.		
08 12 13 13-0172	SF	4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	72.05	13.65
		For 18 Gauge Frame, Deduct	*-4.47*	
		For 14 Gauge Frame, Add	*11.19*	
		For 12 Gauge Frame, Add	*17.00*	
08 12 13 13-0173	SF	5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	75.26	14.14
		For 18 Gauge Frame, Deduct	*-4.70*	
		For 14 Gauge Frame, Add	*11.75*	
		For 12 Gauge Frame, Add	*17.85*	
08 12 13 13-0174	SF	6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	78.59	14.63
		For 18 Gauge Frame, Deduct	*-4.93*	
		For 14 Gauge Frame, Add	*12.33*	
		For 12 Gauge Frame, Add	*18.75*	
08 12 13 13-0175		**Sidelights, Steel Frame** *(08 12 13 13-0166)* Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0176	SF	4-3/4" Deep Sidelights, 16 Gauge Frame	56.00	13.65
		For 18 Gauge Frame, Deduct	*-2.87*	
		For 14 Gauge Frame, Add	*7.17*	
		For 12 Gauge Frame, Add	*10.90*	
08 12 13 13-0177	SF	5-3/4" Deep Sidelights, 16 Gauge Frame	58.41	14.14
		For 18 Gauge Frame, Deduct	*-3.01*	
		For 14 Gauge Frame, Add	*7.53*	
		For 12 Gauge Frame, Add	*11.45*	
08 12 13 13-0178	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	60.89	14.63
		For 18 Gauge Frame, Deduct	*-3.16*	
		For 14 Gauge Frame, Add	*7.91*	
		For 12 Gauge Frame, Add	*12.02*	
08 12 13 13-0179		**Sundry Hollow Metal Frame Sections** *(08 12 13 13)* Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0180		**16 Gauge, Hollow Metal Frame Vertical Mullions** *(08 12 13 13-0179)*		
08 12 13 13-0181	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	32.51	5.46
		For 18 Gauge Frame, Deduct	*-1.88*	
		For 14 Gauge Frame, Add	*4.69*	
		For 12 Gauge Frame, Add	*7.13*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0182	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	33.26	5.46
		For 18 Gauge Frame, Deduct	*-1.95*	
		For 14 Gauge Frame, Add	*4.88*	
		For 12 Gauge Frame, Add	*7.42*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0183	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	32.91	5.66
		For 18 Gauge Frame, Deduct	*-1.88*	
		For 14 Gauge Frame, Add	*4.69*	
		For 12 Gauge Frame, Add	*7.13*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0184	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	34.08	5.66
		For 18 Gauge Frame, Deduct	*-1.99*	
		For 14 Gauge Frame, Add	*4.99*	
		For 12 Gauge Frame, Add	*7.58*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0185	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	34.15	5.75
		For 18 Gauge Frame, Deduct	*-1.97*	
		For 14 Gauge Frame, Add	*4.93*	
		For 12 Gauge Frame, Add	*7.49*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0186	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	34.60	5.75
		For 18 Gauge Frame, Deduct	*-2.02*	
		For 14 Gauge Frame, Add	*5.04*	
		For 12 Gauge Frame, Add	*7.66*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0187 16 Gauge, Hollow Metal Frame Horizontal Rails *(08 12 13 13-0179)*

08 12 13 13-0188	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	23.12	5.46
		For 18 Gauge Frame, Deduct	*-0.94*	
		For 14 Gauge Frame, Add	*2.35*	
		For 12 Gauge Frame, Add	*3.56*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0189	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	24.08	5.46
		For 18 Gauge Frame, Deduct	*-1.03*	
		For 14 Gauge Frame, Add	*2.59*	
		For 12 Gauge Frame, Add	*3.93*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0190	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	23.52	5.66
		For 18 Gauge Frame, Deduct	*-0.94*	
		For 14 Gauge Frame, Add	*2.35*	
		For 12 Gauge Frame, Add	*3.56*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0191	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	24.48	5.66
		For 18 Gauge Frame, Deduct	*-1.03*	
		For 14 Gauge Frame, Add	*2.59*	
		For 12 Gauge Frame, Add	*3.93*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0192	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	24.30	5.75
		For 18 Gauge Frame, Deduct	*-0.99*	
		For 14 Gauge Frame, Add	*2.46*	
		For 12 Gauge Frame, Add	*3.74*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0193	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	25.13	5.75
		For 18 Gauge Frame, Deduct	*-1.07*	
		For 14 Gauge Frame, Add	*2.67*	
		For 12 Gauge Frame, Add	*4.06*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0194 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions *(08 12 13 13-0179)*

08 12 13 13-0195	EA	4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	840.27	38.23
		For 18 Gauge Frame, Deduct	*-74.47*	
		For 14 Gauge Frame, Add	*186.18*	
		For 12 Gauge Frame, Add	*282.99*	
08 12 13 13-0196	EA	4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	869.98	38.23
		For 18 Gauge Frame, Deduct	*-77.44*	
		For 14 Gauge Frame, Add	*193.60*	
		For 12 Gauge Frame, Add	*294.28*	
08 12 13 13-0197	EA	5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	963.08	39.99
		For 18 Gauge Frame, Deduct	*-86.46*	
		For 14 Gauge Frame, Add	*216.15*	
		For 12 Gauge Frame, Add	*328.54*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0198	EA	5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	989.60	39.99
		For 18 Gauge Frame, Deduct	*-89.11*	
		For 14 Gauge Frame, Add	*222.78*	
		For 12 Gauge Frame, Add	*338.62*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0199	EA	6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,118.67	40.96
		For 18 Gauge Frame, Deduct	*-101.63*	
		For 14 Gauge Frame, Add	*254.07*	
		For 12 Gauge Frame, Add	*386.18*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	
08 12 13 13-0200	EA	6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,136.71	40.96
		For 18 Gauge Frame, Deduct	*-103.43*	
		For 14 Gauge Frame, Add	*258.58*	
		For 12 Gauge Frame, Add	*393.04*	
		For 3 Hour Frame, Add	*56.00*	
		For 1-1/2 Hour Frame, Add	*36.00*	
		For 3/4 Hour Frame, Add	*28.00*	

08 12 13 13-0201 Metal Frames Accessories *(08 12 13 13)*

08 12 13 13-0202	EA	For 1' Extension Of New Door Frame	33.68	

08 12 16 Aluminum Frames *(08 12)*

08 12 16 00-0001 Two Piece Aluminum Door Frames *(08 12 16)*

08 12 16 00-0002 4-1/8" x 3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

08 12 16 00-0003	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	1,582.80	53.64
08 12 16 00-0004	EA	Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	1,582.80	53.64

08 12 16 00-0005 4-3/4" x 1-3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

08 12 16 00-0006	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	1,582.80	53.64
08 12 16 00-0007	EA	Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	1,582.80	53.64

08 13 Metal Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors *(08 13)*

08 13 13 13 Standard Hollow Metal Doors *(08 13 13)*

Note: Full flush, impregnated honeycomb core, epoxy baked-on primer.

08 13 13 13-0001 20 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0002 6'-8" High, 20 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	539.89	53.64
		For Type 304 Stainless Steel Door, Add	*351.45*	
		For Type 316 Stainless Steel Door, Add	*567.76*	
		For Embossed Panel, Add	*103.83*	
		For Galvanized Steel, Add	*64.89*	
		For Baked Enamel Finish, Add	*194.15*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-29.68*	
		For >100, Deduct	*-43.17*	
		For Insulated Door (Polystyrene Core), Add	*43.26*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*108.15*	
		For Seamless Edge (Welded), Add	*54.08*	
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	539.89	53.64
		For Type 304 Stainless Steel Door, Add	*351.45*	
		For Type 316 Stainless Steel Door, Add	*567.76*	
		For Embossed Panel, Add	*103.83*	
		For Galvanized Steel, Add	*64.89*	
		For Baked Enamel Finish, Add	*194.15*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-29.68*	
		For >100, Deduct	*-43.17*	
		For Insulated Door (Polystyrene Core), Add	*43.26*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*108.15*	
		For Seamless Edge (Welded), Add	*54.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	553.61	56.08
		For Type 304 Stainless Steel Door, Add	*358.78*	
		For Type 316 Stainless Steel Door, Add	*579.51*	
		For Embossed Panel, Add	*105.95*	
		For Galvanized Steel, Add	*66.22*	
		For Baked Enamel Finish, Add	*199.73*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.48*	
		For >100, Deduct	*-44.32*	
		For Insulated Door (Polystyrene Core), Add	*44.15*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*110.37*	
		For Seamless Edge (Welded), Add	*55.18*	
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	560.20	56.08
		For Type 304 Stainless Steel Door, Add	*364.05*	
		For Type 316 Stainless Steel Door, Add	*588.07*	
		For Embossed Panel, Add	*107.53*	
		For Galvanized Steel, Add	*67.21*	
		For Baked Enamel Finish, Add	*201.71*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.81*	
		For >100, Deduct	*-44.82*	
		For Insulated Door (Polystyrene Core), Add	*44.81*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*112.01*	
		For Seamless Edge (Welded), Add	*56.01*	
08 13 13 13-0007	EA	2'-10" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	565.29	57.29
		For Type 304 Stainless Steel Door, Add	*366.28*	
		For Type 316 Stainless Steel Door, Add	*591.63*	
		For Embossed Panel, Add	*108.17*	
		For Galvanized Steel, Add	*67.60*	
		For Baked Enamel Finish, Add	*203.97*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.13*	
		For >100, Deduct	*-45.26*	
		For Insulated Door (Polystyrene Core), Add	*45.07*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*112.67*	
		For Seamless Edge (Welded), Add	*56.34*	
08 13 13 13-0008	EA	3' x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	570.35	58.52
		For Type 304 Stainless Steel Door, Add	*368.51*	
		For Type 316 Stainless Steel Door, Add	*595.17*	
		For Embossed Panel, Add	*108.80*	
		For Galvanized Steel, Add	*68.00*	
		For Baked Enamel Finish, Add	*206.21*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.44*	
		For >100, Deduct	*-45.70*	
		For Insulated Door (Polystyrene Core), Add	*45.33*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*113.33*	
		For Seamless Edge (Welded), Add	*56.67*	
08 13 13 13-0009	EA	3'-4" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	604.62	58.52
		For Type 304 Stainless Steel Door, Add	*395.92*	
		For Type 316 Stainless Steel Door, Add	*639.72*	
		For Embossed Panel, Add	*117.02*	
		For Galvanized Steel, Add	*73.14*	
		For Baked Enamel Finish, Add	*216.50*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.16*	
		For >100, Deduct	*-48.27*	
		For Insulated Door (Polystyrene Core), Add	*48.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*121.90*	
		For Seamless Edge (Welded), Add	*60.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0010	EA	3'-6" x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	622.67	60.95
		For Type 304 Stainless Steel Door, Add	*406.70*	
		For Type 316 Stainless Steel Door, Add	*657.08*	
		For Embossed Panel, Add	*120.18*	
		For Galvanized Steel, Add	*75.11*	
		For Baked Enamel Finish, Add	*223.37*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-34.18*	
		For >100, Deduct	*-49.75*	
		For Insulated Door (Polystyrene Core), Add	*50.08*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*125.19*	
		For Seamless Edge (Welded), Add	*62.60*	
08 13 13 13-0011	EA	4' x 6'-8" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	685.14	65.83
		For Type 304 Stainless Steel Door, Add	*449.37*	
		For Type 316 Stainless Steel Door, Add	*726.11*	
		For Embossed Panel, Add	*132.84*	
		For Galvanized Steel, Add	*83.02*	
		For Baked Enamel Finish, Add	*245.04*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-37.55*	
		For >100, Deduct	*-54.68*	
		For Insulated Door (Polystyrene Core), Add	*55.35*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*138.37*	
		For Seamless Edge (Welded), Add	*69.19*	

08 13 13 13-0012 7' High, 20 Gauge, Unrated, Hollow Metal Door *(08 13 13 13-0001)*

08 13 13 13-0013	EA	2' x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	551.23	53.64
		For Type 304 Stainless Steel Door, Add	*360.52*	
		For Type 316 Stainless Steel Door, Add	*582.50*	
		For Embossed Panel, Add	*106.55*	
		For Galvanized Steel, Add	*66.59*	
		For Baked Enamel Finish, Add	*197.55*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.24*	
		For >100, Deduct	*-44.02*	
		For Insulated Door (Polystyrene Core), Add	*44.40*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*110.99*	
		For Seamless Edge (Welded), Add	*55.49*	
08 13 13 13-0014	EA	2'-4" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	551.23	53.64
		For Type 304 Stainless Steel Door, Add	*360.52*	
		For Type 316 Stainless Steel Door, Add	*582.50*	
		For Embossed Panel, Add	*106.55*	
		For Galvanized Steel, Add	*66.59*	
		For Baked Enamel Finish, Add	*197.55*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.24*	
		For >100, Deduct	*-44.02*	
		For Insulated Door (Polystyrene Core), Add	*44.40*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*110.99*	
		For Seamless Edge (Welded), Add	*55.49*	
08 13 13 13-0015	EA	2'-6" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	565.18	56.08
		For Type 304 Stainless Steel Door, Add	*368.03*	
		For Type 316 Stainless Steel Door, Add	*594.55*	
		For Embossed Panel, Add	*108.73*	
		For Galvanized Steel, Add	*67.95*	
		For Baked Enamel Finish, Add	*203.20*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.06*	
		For >100, Deduct	*-45.19*	
		For Insulated Door (Polystyrene Core), Add	*45.30*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*113.26*	
		For Seamless Edge (Welded), Add	*56.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0016	EA	2'-8" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	571.94	56.08
		For Type 304 Stainless Steel Door, Add	*373.44*	
		For Type 316 Stainless Steel Door, Add	*603.33*	
		For Embossed Panel, Add	*110.35*	
		For Galvanized Steel, Add	*68.97*	
		For Baked Enamel Finish, Add	*205.23*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.40*	
		For >100, Deduct	*-45.70*	
		For Insulated Door (Polystyrene Core), Add	*45.98*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*114.95*	
		For Seamless Edge (Welded), Add	*57.47*	
08 13 13 13-0017	EA	2'-10" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	577.10	57.29
		For Type 304 Stainless Steel Door, Add	*375.73*	
		For Type 316 Stainless Steel Door, Add	*606.98*	
		For Embossed Panel, Add	*111.00*	
		For Galvanized Steel, Add	*69.38*	
		For Baked Enamel Finish, Add	*207.51*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.72*	
		For >100, Deduct	*-46.15*	
		For Insulated Door (Polystyrene Core), Add	*46.25*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*115.63*	
		For Seamless Edge (Welded), Add	*57.81*	
08 13 13 13-0018	EA	3' x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	582.23	58.52
		For Type 304 Stainless Steel Door, Add	*378.01*	
		For Type 316 Stainless Steel Door, Add	*610.61*	
		For Embossed Panel, Add	*111.65*	
		For Galvanized Steel, Add	*69.78*	
		For Baked Enamel Finish, Add	*209.78*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.04*	
		For >100, Deduct	*-46.59*	
		For Insulated Door (Polystyrene Core), Add	*46.52*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*116.30*	
		For Seamless Edge (Welded), Add	*58.15*	
08 13 13 13-0019	EA	3'-4" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	617.39	58.52
		For Type 304 Stainless Steel Door, Add	*406.14*	
		For Type 316 Stainless Steel Door, Add	*656.32*	
		For Embossed Panel, Add	*120.09*	
		For Galvanized Steel, Add	*75.05*	
		For Baked Enamel Finish, Add	*220.33*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.80*	
		For >100, Deduct	*-49.23*	
		For Insulated Door (Polystyrene Core), Add	*50.04*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*125.09*	
		For Seamless Edge (Welded), Add	*62.55*	
08 13 13 13-0020	EA	3'-6" x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	635.79	60.95
		For Type 304 Stainless Steel Door, Add	*417.20*	
		For Type 316 Stainless Steel Door, Add	*674.14*	
		For Embossed Panel, Add	*123.33*	
		For Galvanized Steel, Add	*77.08*	
		For Baked Enamel Finish, Add	*227.31*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-34.84*	
		For >100, Deduct	*-50.73*	
		For Insulated Door (Polystyrene Core), Add	*51.39*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*128.47*	
		For Seamless Edge (Welded), Add	*64.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0021	EA	4' x 7' x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	699.64	65.83
		For Type 304 Stainless Steel Door, Add	*460.97*	
		For Type 316 Stainless Steel Door, Add	*744.96*	
		For Embossed Panel, Add	*136.32*	
		For Galvanized Steel, Add	*85.20*	
		For Baked Enamel Finish, Add	*249.39*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-38.27*	
		For >100, Deduct	*-55.76*	
		For Insulated Door (Polystyrene Core), Add	*56.80*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*142.00*	
		For Seamless Edge (Welded), Add	*71.00*	

08 13 13 13-0022 7'-2" High, 20 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0023	EA	2' x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	562.24	53.64
		For Type 304 Stainless Steel Door, Add	*369.33*	
		For Type 316 Stainless Steel Door, Add	*596.81*	
		For Embossed Panel, Add	*109.19*	
		For Galvanized Steel, Add	*68.24*	
		For Baked Enamel Finish, Add	*200.86*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.79*	
		For >100, Deduct	*-44.85*	
		For Insulated Door (Polystyrene Core), Add	*45.50*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*113.74*	
		For Seamless Edge (Welded), Add	*56.87*	
08 13 13 13-0024	EA	2'-4" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	562.24	53.64
		For Type 304 Stainless Steel Door, Add	*369.33*	
		For Type 316 Stainless Steel Door, Add	*596.81*	
		For Embossed Panel, Add	*109.19*	
		For Galvanized Steel, Add	*68.24*	
		For Baked Enamel Finish, Add	*200.86*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-30.79*	
		For >100, Deduct	*-44.85*	
		For Insulated Door (Polystyrene Core), Add	*45.50*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*113.74*	
		For Seamless Edge (Welded), Add	*56.87*	
08 13 13 13-0025	EA	2'-6" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	576.42	56.08
		For Type 304 Stainless Steel Door, Add	*377.02*	
		For Type 316 Stainless Steel Door, Add	*609.16*	
		For Embossed Panel, Add	*111.42*	
		For Galvanized Steel, Add	*69.64*	
		For Baked Enamel Finish, Add	*206.57*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.62*	
		For >100, Deduct	*-46.04*	
		For Insulated Door (Polystyrene Core), Add	*46.43*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*116.07*	
		For Seamless Edge (Welded), Add	*58.03*	
08 13 13 13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	583.34	56.08
		For Type 304 Stainless Steel Door, Add	*382.56*	
		For Type 316 Stainless Steel Door, Add	*618.15*	
		For Embossed Panel, Add	*113.09*	
		For Galvanized Steel, Add	*70.68*	
		For Baked Enamel Finish, Add	*208.65*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.97*	
		For >100, Deduct	*-46.55*	
		For Insulated Door (Polystyrene Core), Add	*47.12*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*117.80*	
		For Seamless Edge (Welded), Add	*58.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	588.56	57.29
		For Type 304 Stainless Steel Door, Add	*384.90*	
		For Type 316 Stainless Steel Door, Add	*621.88*	
		For Embossed Panel, Add	*113.75*	
		For Galvanized Steel, Add	*71.09*	
		For Baked Enamel Finish, Add	*210.95*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.29*	
		For >100, Deduct	*-47.01*	
		For Insulated Door (Polystyrene Core), Add	*47.40*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*118.49*	
		For Seamless Edge (Welded), Add	*59.25*	
08 13 13 13-0028	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	593.77	58.52
		For Type 304 Stainless Steel Door, Add	*387.24*	
		For Type 316 Stainless Steel Door, Add	*625.61*	
		For Embossed Panel, Add	*114.42*	
		For Galvanized Steel, Add	*71.51*	
		For Baked Enamel Finish, Add	*213.24*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.61*	
		For >100, Deduct	*-47.46*	
		For Insulated Door (Polystyrene Core), Add	*47.67*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*119.19*	
		For Seamless Edge (Welded), Add	*59.59*	
08 13 13 13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	629.80	58.52
		For Type 304 Stainless Steel Door, Add	*416.07*	
		For Type 316 Stainless Steel Door, Add	*672.45*	
		For Embossed Panel, Add	*123.06*	
		For Galvanized Steel, Add	*76.92*	
		For Baked Enamel Finish, Add	*224.05*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-34.42*	
		For >100, Deduct	*-50.16*	
		For Insulated Door (Polystyrene Core), Add	*51.28*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*128.19*	
		For Seamless Edge (Welded), Add	*64.10*	
08 13 13 13-0030	EA	3'-6" x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	648.54	60.95
		For Type 304 Stainless Steel Door, Add	*427.40*	
		For Type 316 Stainless Steel Door, Add	*690.71*	
		For Embossed Panel, Add	*126.39*	
		For Galvanized Steel, Add	*78.99*	
		For Baked Enamel Finish, Add	*231.14*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-35.47*	
		For >100, Deduct	*-51.69*	
		For Insulated Door (Polystyrene Core), Add	*52.66*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*131.66*	
		For Seamless Edge (Welded), Add	*65.83*	
08 13 13 13-0031	EA	4' x 7'-2" x 1-3/4", 20 Gauge, Unrated, Hollow Metal Door	713.72	65.83
		For Type 304 Stainless Steel Door, Add	*472.23*	
		For Type 316 Stainless Steel Door, Add	*763.26*	
		For Embossed Panel, Add	*139.69*	
		For Galvanized Steel, Add	*87.31*	
		For Baked Enamel Finish, Add	*253.61*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-38.98*	
		For >100, Deduct	*-56.82*	
		For Insulated Door (Polystyrene Core), Add	*58.21*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*145.52*	
		For Seamless Edge (Welded), Add	*72.76*	

08 13 13 13-0032 18 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0033 6'-8" High, 18 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0032)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0034	EA	2' x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	574.89	53.64
		For 18 Gauge, Grade II, Heavy Duty, Add	*93.52*	
		For Type 304 Stainless Steel Door, Add	*379.45*	
		For Type 316 Stainless Steel Door, Add	*613.26*	
		For Embossed Panel, Add	*112.23*	
		For Galvanized Steel, Add	*70.14*	
		For Baked Enamel Finish, Add	*204.65*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.43*	
		For >100, Deduct	*-45.80*	
		For 2" Thick Door, Add	*36.58*	
		For Insulated Door (Polystyrene Core), Add	*46.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*116.90*	
		For Seamless Edge (Welded), Add	*58.45*	
		For Steel Stiffened, Add	*116.90*	
08 13 13 13-0035	EA	2'-4" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	574.89	53.64
		For 18 Gauge, Grade II, Heavy Duty, Add	*93.52*	
		For Type 304 Stainless Steel Door, Add	*379.45*	
		For Type 316 Stainless Steel Door, Add	*613.26*	
		For Embossed Panel, Add	*112.23*	
		For Galvanized Steel, Add	*70.14*	
		For Baked Enamel Finish, Add	*204.65*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.43*	
		For >100, Deduct	*-45.80*	
		For 2" Thick Door, Add	*36.58*	
		For Insulated Door (Polystyrene Core), Add	*46.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*116.90*	
		For Seamless Edge (Welded), Add	*58.45*	
		For Steel Stiffened, Add	*116.90*	
08 13 13 13-0036	EA	2'-6" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	589.33	56.08
		For 18 Gauge, Grade II, Heavy Duty, Add	*95.44*	
		For Type 304 Stainless Steel Door, Add	*387.35*	
		For Type 316 Stainless Steel Door, Add	*625.94*	
		For Embossed Panel, Add	*114.52*	
		For Galvanized Steel, Add	*71.58*	
		For Baked Enamel Finish, Add	*210.44*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.27*	
		For >100, Deduct	*-47.00*	
		For 2" Thick Door, Add	*37.40*	
		For Insulated Door (Polystyrene Core), Add	*47.72*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*119.30*	
		For Seamless Edge (Welded), Add	*59.65*	
		For Steel Stiffened, Add	*119.30*	
08 13 13 13-0037	EA	2'-8" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	596.45	56.08
		For 18 Gauge, Grade II, Heavy Duty, Add	*96.86*	
		For Type 304 Stainless Steel Door, Add	*393.05*	
		For Type 316 Stainless Steel Door, Add	*635.20*	
		For Embossed Panel, Add	*116.23*	
		For Galvanized Steel, Add	*72.65*	
		For Baked Enamel Finish, Add	*212.58*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.63*	
		For >100, Deduct	*-47.54*	
		For 2" Thick Door, Add	*37.92*	
		For Insulated Door (Polystyrene Core), Add	*48.43*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*121.08*	
		For Seamless Edge (Welded), Add	*60.54*	
		For Steel Stiffened, Add	*121.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0038	EA	2'-10" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	601.74	57.29
		For 18 Gauge, Grade II, Heavy Duty, Add	*97.43*	
		For Type 304 Stainless Steel Door, Add	*395.44*	
		For Type 316 Stainless Steel Door, Add	*639.01*	
		For Embossed Panel, Add	*116.91*	
		For Galvanized Steel, Add	*73.07*	
		For Baked Enamel Finish, Add	*214.90*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.95*	
		For >100, Deduct	*-48.00*	
		For 2" Thick Door, Add	*38.18*	
		For Insulated Door (Polystyrene Core), Add	*48.71*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*121.79*	
		For Seamless Edge (Welded), Add	*60.89*	
		For Steel Stiffened, Add	*121.79*	
08 13 13 13-0039	EA	3' x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	607.03	58.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*98.00*	
		For Type 304 Stainless Steel Door, Add	*397.85*	
		For Type 316 Stainless Steel Door, Add	*642.85*	
		For Embossed Panel, Add	*117.60*	
		For Galvanized Steel, Add	*73.50*	
		For Baked Enamel Finish, Add	*217.22*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.28*	
		For >100, Deduct	*-48.45*	
		For 2" Thick Door, Add	*38.45*	
		For Insulated Door (Polystyrene Core), Add	*49.00*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*122.50*	
		For Seamless Edge (Welded), Add	*61.25*	
		For Steel Stiffened, Add	*122.50*	
08 13 13 13-0040	EA	3'-4" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	644.06	58.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*105.41*	
		For Type 304 Stainless Steel Door, Add	*427.48*	
		For Type 316 Stainless Steel Door, Add	*690.99*	
		For Embossed Panel, Add	*126.49*	
		For Galvanized Steel, Add	*79.05*	
		For Baked Enamel Finish, Add	*228.33*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-35.13*	
		For >100, Deduct	*-51.23*	
		For 2" Thick Door, Add	*41.14*	
		For Insulated Door (Polystyrene Core), Add	*52.70*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*131.76*	
		For Seamless Edge (Welded), Add	*65.88*	
		For Steel Stiffened, Add	*131.76*	
08 13 13 13-0041	EA	3'-6" x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	663.19	60.95
		For 18 Gauge, Grade II, Heavy Duty, Add	*108.26*	
		For Type 304 Stainless Steel Door, Add	*439.12*	
		For Type 316 Stainless Steel Door, Add	*709.76*	
		For Embossed Panel, Add	*129.91*	
		For Galvanized Steel, Add	*81.19*	
		For Baked Enamel Finish, Add	*235.53*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-36.21*	
		For >100, Deduct	*-52.79*	
		For 2" Thick Door, Add	*42.29*	
		For Insulated Door (Polystyrene Core), Add	*54.13*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*135.32*	
		For Seamless Edge (Welded), Add	*67.66*	
		For Steel Stiffened, Add	*135.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0042	EA	4' x 6'-8" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	729.91	65.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*119.65*	
		For Type 304 Stainless Steel Door, Add	*485.18*	
		For Type 316 Stainless Steel Door, Add	*784.31*	
		For Embossed Panel, Add	*143.58*	
		For Galvanized Steel, Add	*89.74*	
		For Baked Enamel Finish, Add	*258.47*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-39.79*	
		For >100, Deduct	*-58.03*	
		For 2" Thick Door, Add	*46.66*	
		For Insulated Door (Polystyrene Core), Add	*59.83*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*149.56*	
		For Seamless Edge (Welded), Add	*74.78*	
		For Steel Stiffened, Add	*149.56*	

08 13 13 13-0043 7' High, 18 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0044	EA	2' x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	585.99	53.64
		For 18 Gauge, Grade II, Heavy Duty, Add	*95.74*	
		For Type 304 Stainless Steel Door, Add	*388.33*	
		For Type 316 Stainless Steel Door, Add	*627.69*	
		For Embossed Panel, Add	*114.89*	
		For Galvanized Steel, Add	*71.81*	
		For Baked Enamel Finish, Add	*207.98*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.98*	
		For >100, Deduct	*-46.63*	
		For 2" Thick Door, Add	*37.39*	
		For Insulated Door (Polystyrene Core), Add	*47.87*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*119.68*	
		For Seamless Edge (Welded), Add	*59.84*	
		For Steel Stiffened, Add	*119.68*	
08 13 13 13-0045	EA	2'-4" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	585.99	53.64
		For 18 Gauge, Grade II, Heavy Duty, Add	*95.74*	
		For Type 304 Stainless Steel Door, Add	*388.33*	
		For Type 316 Stainless Steel Door, Add	*627.69*	
		For Embossed Panel, Add	*114.89*	
		For Galvanized Steel, Add	*71.81*	
		For Baked Enamel Finish, Add	*207.98*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-31.98*	
		For >100, Deduct	*-46.63*	
		For 2" Thick Door, Add	*37.39*	
		For Insulated Door (Polystyrene Core), Add	*47.87*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*119.68*	
		For Seamless Edge (Welded), Add	*59.84*	
		For Steel Stiffened, Add	*119.68*	
08 13 13 13-0046	EA	2'-6" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	600.65	56.08
		For 18 Gauge, Grade II, Heavy Duty, Add	*97.70*	
		For Type 304 Stainless Steel Door, Add	*396.41*	
		For Type 316 Stainless Steel Door, Add	*640.66*	
		For Embossed Panel, Add	*117.24*	
		For Galvanized Steel, Add	*73.28*	
		For Baked Enamel Finish, Add	*213.84*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.84*	
		For >100, Deduct	*-47.85*	
		For 2" Thick Door, Add	*38.22*	
		For Insulated Door (Polystyrene Core), Add	*48.85*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*122.13*	
		For Seamless Edge (Welded), Add	*61.06*	
		For Steel Stiffened, Add	*122.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0047	EA	2'-8" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	607.94	56.08
		For 18 Gauge, Grade II, Heavy Duty, Add	*99.16*	
		For Type 304 Stainless Steel Door, Add	*402.24*	
		For Type 316 Stainless Steel Door, Add	*650.13*	
		For Embossed Panel, Add	*118.99*	
		For Galvanized Steel, Add	*74.37*	
		For Baked Enamel Finish, Add	*216.03*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.20*	
		For >100, Deduct	*-48.40*	
		For 2" Thick Door, Add	*38.75*	
		For Insulated Door (Polystyrene Core), Add	*49.58*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*123.95*	
		For Seamless Edge (Welded), Add	*61.97*	
		For Steel Stiffened, Add	*123.95*	
08 13 13 13-0048	EA	2'-10" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	613.31	57.29
		For 18 Gauge, Grade II, Heavy Duty, Add	*99.74*	
		For Type 304 Stainless Steel Door, Add	*404.70*	
		For Type 316 Stainless Steel Door, Add	*654.05*	
		For Embossed Panel, Add	*119.69*	
		For Galvanized Steel, Add	*74.81*	
		For Baked Enamel Finish, Add	*218.37*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.53*	
		For >100, Deduct	*-48.86*	
		For 2" Thick Door, Add	*39.02*	
		For Insulated Door (Polystyrene Core), Add	*49.87*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*124.68*	
		For Seamless Edge (Welded), Add	*62.34*	
		For Steel Stiffened, Add	*124.68*	
08 13 13 13-0049	EA	3' x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	618.65	58.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*100.32*	
		For Type 304 Stainless Steel Door, Add	*407.15*	
		For Type 316 Stainless Steel Door, Add	*657.96*	
		For Embossed Panel, Add	*120.39*	
		For Galvanized Steel, Add	*75.24*	
		For Baked Enamel Finish, Add	*220.70*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.86*	
		For >100, Deduct	*-49.32*	
		For 2" Thick Door, Add	*39.29*	
		For Insulated Door (Polystyrene Core), Add	*50.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*125.41*	
		For Seamless Edge (Welded), Add	*62.70*	
		For Steel Stiffened, Add	*125.41*	
08 13 13 13-0050	EA	3'-4" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	656.57	58.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*107.91*	
		For Type 304 Stainless Steel Door, Add	*437.48*	
		For Type 316 Stainless Steel Door, Add	*707.25*	
		For Embossed Panel, Add	*129.49*	
		For Galvanized Steel, Add	*80.93*	
		For Baked Enamel Finish, Add	*232.08*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-35.75*	
		For >100, Deduct	*-52.17*	
		For 2" Thick Door, Add	*42.04*	
		For Insulated Door (Polystyrene Core), Add	*53.95*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*134.89*	
		For Seamless Edge (Welded), Add	*67.44*	
		For Steel Stiffened, Add	*134.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0051	EA	3'-6" x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	676.03	60.95
		For 18 Gauge, Grade II, Heavy Duty, Add	*110.82*	
		For Type 304 Stainless Steel Door, Add	*449.39*	
		For Type 316 Stainless Steel Door, Add	*726.45*	
		For Embossed Panel, Add	*132.99*	
		For Galvanized Steel, Add	*83.12*	
		For Baked Enamel Finish, Add	*239.38*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-36.85*	
		For >100, Deduct	*-53.75*	
		For 2" Thick Door, Add	*43.22*	
		For Insulated Door (Polystyrene Core), Add	*55.41*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*138.53*	
		For Seamless Edge (Welded), Add	*69.27*	
		For Steel Stiffened, Add	*138.53*	
08 13 13 13-0052	EA	4' x 7' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	744.11	65.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*122.49*	
		For Type 304 Stainless Steel Door, Add	*496.54*	
		For Type 316 Stainless Steel Door, Add	*802.77*	
		For Embossed Panel, Add	*146.99*	
		For Galvanized Steel, Add	*91.87*	
		For Baked Enamel Finish, Add	*262.73*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.50*	
		For >100, Deduct	*-59.10*	
		For 2" Thick Door, Add	*47.69*	
		For Insulated Door (Polystyrene Core), Add	*61.25*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*153.11*	
		For Seamless Edge (Welded), Add	*76.56*	
		For Steel Stiffened, Add	*153.11*	

08 13 13 13-0053 7'-2" High, 18 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0054	EA	2' x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	597.09	53.64
		For 18 Gauge, Grade II, Heavy Duty, Add	*97.96*	
		For Type 304 Stainless Steel Door, Add	*397.21*	
		For Type 316 Stainless Steel Door, Add	*642.12*	
		For Embossed Panel, Add	*117.55*	
		For Galvanized Steel, Add	*73.47*	
		For Baked Enamel Finish, Add	*211.31*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.54*	
		For >100, Deduct	*-47.46*	
		For 2" Thick Door, Add	*38.19*	
		For Insulated Door (Polystyrene Core), Add	*48.98*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*122.45*	
		For Seamless Edge (Welded), Add	*61.23*	
		For Steel Stiffened, Add	*122.45*	
08 13 13 13-0055	EA	2'-4" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	597.09	53.64
		For 18 Gauge, Grade II, Heavy Duty, Add	*97.96*	
		For Type 304 Stainless Steel Door, Add	*397.21*	
		For Type 316 Stainless Steel Door, Add	*642.12*	
		For Embossed Panel, Add	*117.55*	
		For Galvanized Steel, Add	*73.47*	
		For Baked Enamel Finish, Add	*211.31*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-32.54*	
		For >100, Deduct	*-47.46*	
		For 2" Thick Door, Add	*38.19*	
		For Insulated Door (Polystyrene Core), Add	*48.98*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*122.45*	
		For Seamless Edge (Welded), Add	*61.23*	
		For Steel Stiffened, Add	*122.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0056	EA	2'-6" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	611.98	56.08
		For 18 Gauge, Grade II, Heavy Duty, Add	*99.97*	
		For Type 304 Stainless Steel Door, Add	*405.47*	
		For Type 316 Stainless Steel Door, Add	*655.39*	
		For Embossed Panel, Add	*119.96*	
		For Galvanized Steel, Add	*74.97*	
		For Baked Enamel Finish, Add	*217.24*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.40*	
		For >100, Deduct	*-48.70*	
		For 2" Thick Door, Add	*39.04*	
		For Insulated Door (Polystyrene Core), Add	*49.98*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*124.96*	
		For Seamless Edge (Welded), Add	*62.48*	
		For Steel Stiffened, Add	*124.96*	
08 13 13 13-0057	EA	2'-8" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	619.44	56.08
		For 18 Gauge, Grade II, Heavy Duty, Add	*101.46*	
		For Type 304 Stainless Steel Door, Add	*411.44*	
		For Type 316 Stainless Steel Door, Add	*665.08*	
		For Embossed Panel, Add	*121.75*	
		For Galvanized Steel, Add	*76.09*	
		For Baked Enamel Finish, Add	*219.48*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-33.78*	
		For >100, Deduct	*-49.26*	
		For 2" Thick Door, Add	*39.58*	
		For Insulated Door (Polystyrene Core), Add	*50.73*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*126.82*	
		For Seamless Edge (Welded), Add	*63.41*	
		For Steel Stiffened, Add	*126.82*	
08 13 13 13-0058	EA	3' x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	630.28	58.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*102.65*	
		For Type 304 Stainless Steel Door, Add	*416.45*	
		For Type 316 Stainless Steel Door, Add	*673.08*	
		For Embossed Panel, Add	*123.18*	
		For Galvanized Steel, Add	*76.99*	
		For Baked Enamel Finish, Add	*224.19*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-34.44*	
		For >100, Deduct	*-50.20*	
		For 2" Thick Door, Add	*40.14*	
		For Insulated Door (Polystyrene Core), Add	*51.33*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*128.31*	
		For Seamless Edge (Welded), Add	*64.16*	
		For Steel Stiffened, Add	*128.31*	
08 13 13 13-0059	EA	3'-4" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	669.08	58.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*110.41*	
		For Type 304 Stainless Steel Door, Add	*447.49*	
		For Type 316 Stainless Steel Door, Add	*723.52*	
		For Embossed Panel, Add	*132.49*	
		For Galvanized Steel, Add	*82.81*	
		For Baked Enamel Finish, Add	*235.83*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-36.38*	
		For >100, Deduct	*-53.11*	
		For 2" Thick Door, Add	*42.95*	
		For Insulated Door (Polystyrene Core), Add	*55.21*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*138.01*	
		For Seamless Edge (Welded), Add	*69.01*	
		For Steel Stiffened, Add	*138.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0060	EA	3'-6" x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	688.88	60.95
		For 18 Gauge, Grade II, Heavy Duty, Add	*113.39*	
		For Type 304 Stainless Steel Door, Add	*459.67*	
		For Type 316 Stainless Steel Door, Add	*743.16*	
		For Embossed Panel, Add	*136.07*	
		For Galvanized Steel, Add	*85.05*	
		For Baked Enamel Finish, Add	*243.24*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-37.49*	
		For >100, Deduct	*-54.71*	
		For 2" Thick Door, Add	*44.15*	
		For Insulated Door (Polystyrene Core), Add	*56.70*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*141.74*	
		For Seamless Edge (Welded), Add	*70.87*	
		For Steel Stiffened, Add	*141.74*	
08 13 13 13-0061	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	758.31	65.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*125.33*	
		For Type 304 Stainless Steel Door, Add	*507.90*	
		For Type 316 Stainless Steel Door, Add	*821.23*	
		For Embossed Panel, Add	*150.40*	
		For Galvanized Steel, Add	*94.00*	
		For Baked Enamel Finish, Add	*266.99*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.21*	
		For >100, Deduct	*-60.16*	
		For 2" Thick Door, Add	*48.72*	
		For Insulated Door (Polystyrene Core), Add	*62.67*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*156.66*	
		For Seamless Edge (Welded), Add	*78.33*	
		For Steel Stiffened, Add	*156.66*	

08 13 13 13-0062 8' High, 18 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0063	EA	2' x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	688.63	53.64
		For 18 Gauge, Grade II, Heavy Duty, Add	*116.27*	
		For Up To 1' Extra Height, Add	*160.86*	
		For 1' To 1'-6" Extra Height, Add	*306.89*	
		For Type 304 Stainless Steel Door, Add	*470.44*	
		For Type 316 Stainless Steel Door, Add	*761.12*	
		For Embossed Panel, Add	*139.52*	
		For Galvanized Steel, Add	*87.20*	
		For Baked Enamel Finish, Add	*238.77*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-37.11*	
		For >100, Deduct	*-54.33*	
		For 2" Thick Door, Add	*44.83*	
		For Insulated Door (Polystyrene Core), Add	*58.14*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*145.34*	
		For Seamless Edge (Welded), Add	*72.67*	
		For Steel Stiffened, Add	*145.34*	
08 13 13 13-0064	EA	2'-4" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	688.63	53.64
		For 18 Gauge, Grade II, Heavy Duty, Add	*116.27*	
		For Up To 1' Extra Height, Add	*160.86*	
		For 1' To 1'-6" Extra Height, Add	*306.89*	
		For Type 304 Stainless Steel Door, Add	*470.44*	
		For Type 316 Stainless Steel Door, Add	*761.12*	
		For Embossed Panel, Add	*139.52*	
		For Galvanized Steel, Add	*87.20*	
		For Baked Enamel Finish, Add	*238.77*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-37.11*	
		For >100, Deduct	*-54.33*	
		For 2" Thick Door, Add	*44.83*	
		For Insulated Door (Polystyrene Core), Add	*58.14*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*145.34*	
		For Seamless Edge (Welded), Add	*72.67*	
		For Steel Stiffened, Add	*145.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0065	EA	2'-6" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	705.39	56.08
		For 18 Gauge, Grade II, Heavy Duty, Add	*118.65*	
		For Up To 1' Extra Height, Add	*164.15*	
		For 1' To 1'-6" Extra Height, Add	*313.17*	
		For Type 304 Stainless Steel Door, Add	*480.20*	
		For Type 316 Stainless Steel Door, Add	*776.82*	
		For Embossed Panel, Add	*142.38*	
		For Galvanized Steel, Add	*88.99*	
		For Baked Enamel Finish, Add	*245.26*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-38.07*	
		For >100, Deduct	*-55.71*	
		For 2" Thick Door, Add	*45.81*	
		For Insulated Door (Polystyrene Core), Add	*59.32*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*148.31*	
		For Seamless Edge (Welded), Add	*74.16*	
		For Steel Stiffened, Add	*148.31*	
08 13 13 13-0066	EA	2'-8" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	714.25	56.08
		For 18 Gauge, Grade II, Heavy Duty, Add	*120.42*	
		For Up To 1' Extra Height, Add	*166.60*	
		For 1' To 1'-6" Extra Height, Add	*317.85*	
		For Type 304 Stainless Steel Door, Add	*487.29*	
		For Type 316 Stainless Steel Door, Add	*788.34*	
		For Embossed Panel, Add	*144.50*	
		For Galvanized Steel, Add	*90.32*	
		For Baked Enamel Finish, Add	*247.92*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-38.52*	
		For >100, Deduct	*-56.37*	
		For 2" Thick Door, Add	*46.46*	
		For Insulated Door (Polystyrene Core), Add	*60.21*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*150.53*	
		For Seamless Edge (Welded), Add	*75.26*	
		For Steel Stiffened, Add	*150.53*	
08 13 13 13-0067	EA	2'-10" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	720.23	57.29
		For 18 Gauge, Grade II, Heavy Duty, Add	*121.13*	
		For Up To 1' Extra Height, Add	*167.58*	
		For 1' To 1'-6" Extra Height, Add	*319.71*	
		For Type 304 Stainless Steel Door, Add	*490.23*	
		For Type 316 Stainless Steel Door, Add	*793.05*	
		For Embossed Panel, Add	*145.35*	
		For Galvanized Steel, Add	*90.84*	
		For Baked Enamel Finish, Add	*250.45*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-38.88*	
		For >100, Deduct	*-56.88*	
		For 2" Thick Door, Add	*46.77*	
		For Insulated Door (Polystyrene Core), Add	*60.56*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*151.41*	
		For Seamless Edge (Welded), Add	*75.70*	
		For Steel Stiffened, Add	*151.41*	
08 13 13 13-0068	EA	3' x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	726.21	58.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*121.84*	
		For Up To 1' Extra Height, Add	*168.56*	
		For 1' To 1'-6" Extra Height, Add	*321.59*	
		For Type 304 Stainless Steel Door, Add	*493.20*	
		For Type 316 Stainless Steel Door, Add	*797.79*	
		For Embossed Panel, Add	*146.20*	
		For Galvanized Steel, Add	*91.38*	
		For Baked Enamel Finish, Add	*252.97*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-39.24*	
		For >100, Deduct	*-57.39*	
		For 2" Thick Door, Add	*47.09*	
		For Insulated Door (Polystyrene Core), Add	*60.92*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*152.30*	
		For Seamless Edge (Welded), Add	*76.15*	
		For Steel Stiffened, Add	*152.30*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0069	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	772.25	58.52
		For 18 Gauge, Grade II, Heavy Duty, Add	*131.04*	
		For Up To 1' Extra Height, Add	*181.30*	
		For 1' To 1'-6" Extra Height, Add	*345.89*	
		For Type 304 Stainless Steel Door, Add	*530.03*	
		For Type 316 Stainless Steel Door, Add	*857.64*	
		For Embossed Panel, Add	*157.25*	
		For Galvanized Steel, Add	*98.28*	
		For Baked Enamel Finish, Add	*266.78*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.54*	
		For >100, Deduct	*-60.84*	
		For 2" Thick Door, Add	*50.43*	
		For Insulated Door (Polystyrene Core), Add	*65.52*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*163.81*	
		For Seamless Edge (Welded), Add	*81.90*	
		For Steel Stiffened, Add	*163.81*	
08 13 13 13-0070	EA	3'-6" x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	794.84	60.95
		For 18 Gauge, Grade II, Heavy Duty, Add	*134.59*	
		For Up To 1' Extra Height, Add	*186.20*	
		For 1' To 1'-6" Extra Height, Add	*355.24*	
		For Type 304 Stainless Steel Door, Add	*544.44*	
		For Type 316 Stainless Steel Door, Add	*880.90*	
		For Embossed Panel, Add	*161.50*	
		For Galvanized Steel, Add	*100.94*	
		For Baked Enamel Finish, Add	*275.03*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.79*	
		For >100, Deduct	*-62.66*	
		For 2" Thick Door, Add	*51.84*	
		For Insulated Door (Polystyrene Core), Add	*67.29*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*168.23*	
		For Seamless Edge (Welded), Add	*84.12*	
		For Steel Stiffened, Add	*168.23*	
08 13 13 13-0071	EA	4' x 8' x 1-3/4", 18 Gauge, Unrated, Hollow Metal Door	875.42	65.83
		For 18 Gauge, Grade II, Heavy Duty, Add	*148.75*	
		For Up To 1' Extra Height, Add	*205.80*	
		For 1' To 1'-6" Extra Height, Add	*392.63*	
		For Type 304 Stainless Steel Door, Add	*601.59*	
		For Type 316 Stainless Steel Door, Add	*973.47*	
		For Embossed Panel, Add	*178.50*	
		For Galvanized Steel, Add	*111.56*	
		For Baked Enamel Finish, Add	*302.12*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-47.06*	
		For >100, Deduct	*-68.95*	
		For 2" Thick Door, Add	*57.21*	
		For Insulated Door (Polystyrene Core), Add	*74.38*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*185.94*	
		For Seamless Edge (Welded), Add	*92.97*	
		For Steel Stiffened, Add	*185.94*	

08 13 13 13-0072 16 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0073 6'-8" High, 16 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0072)*

08 13 13 13-0074	EA	2' x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	754.92	53.64
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*194.29*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*259.06*	
		For Type 304 Stainless Steel Door, Add	*523.48*	
		For Type 316 Stainless Steel Door, Add	*847.30*	
		For Embossed Panel, Add	*155.43*	
		For Galvanized Steel, Add	*97.15*	
		For Baked Enamel Finish, Add	*258.66*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.43*	
		For >100, Deduct	*-59.30*	
		For 2" Thick Door, Add	*49.64*	
		For Insulated Door (Polystyrene Core), Add	*64.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*161.91*	
		For Seamless Edge (Welded), Add	*80.96*	
		For Steel Stiffened, Add	*161.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0075	EA	2'-4" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	754.92	53.64
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*194.29*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*259.06*	
		For Type 304 Stainless Steel Door, Add	*523.48*	
		For Type 316 Stainless Steel Door, Add	*847.30*	
		For Embossed Panel, Add	*155.43*	
		For Galvanized Steel, Add	*97.15*	
		For Baked Enamel Finish, Add	*258.66*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-40.43*	
		For >100, Deduct	*-59.30*	
		For 2" Thick Door, Add	*49.64*	
		For Insulated Door (Polystyrene Core), Add	*64.76*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*161.91*	
		For Seamless Edge (Welded), Add	*80.96*	
		For Steel Stiffened, Add	*161.91*	
08 13 13 13-0076	EA	2'-6" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	773.04	56.08
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*198.27*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*264.36*	
		For Type 304 Stainless Steel Door, Add	*534.32*	
		For Type 316 Stainless Steel Door, Add	*864.76*	
		For Embossed Panel, Add	*158.61*	
		For Galvanized Steel, Add	*99.13*	
		For Baked Enamel Finish, Add	*265.56*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.46*	
		For >100, Deduct	*-60.78*	
		For 2" Thick Door, Add	*50.72*	
		For Insulated Door (Polystyrene Core), Add	*66.09*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*165.22*	
		For Seamless Edge (Welded), Add	*82.61*	
		For Steel Stiffened, Add	*165.22*	
08 13 13 13-0077	EA	2'-8" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	782.90	56.08
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*201.23*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*268.30*	
		For Type 304 Stainless Steel Door, Add	*542.21*	
		For Type 316 Stainless Steel Door, Add	*877.58*	
		For Embossed Panel, Add	*160.98*	
		For Galvanized Steel, Add	*100.61*	
		For Baked Enamel Finish, Add	*268.52*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.95*	
		For >100, Deduct	*-61.52*	
		For 2" Thick Door, Add	*51.43*	
		For Insulated Door (Polystyrene Core), Add	*67.08*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*167.69*	
		For Seamless Edge (Welded), Add	*83.84*	
		For Steel Stiffened, Add	*167.69*	
08 13 13 13-0078	EA	2'-10" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	789.31	57.29
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*202.41*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*269.88*	
		For Type 304 Stainless Steel Door, Add	*545.50*	
		For Type 316 Stainless Steel Door, Add	*882.85*	
		For Embossed Panel, Add	*161.93*	
		For Galvanized Steel, Add	*101.21*	
		For Baked Enamel Finish, Add	*271.17*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.33*	
		For >100, Deduct	*-62.06*	
		For 2" Thick Door, Add	*51.78*	
		For Insulated Door (Polystyrene Core), Add	*67.47*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*168.68*	
		For Seamless Edge (Welded), Add	*84.34*	
		For Steel Stiffened, Add	*168.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0079	EA	3' x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	795.68	58.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*203.60*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*271.46*	
		For Type 304 Stainless Steel Door, Add	*548.77*	
		For Type 316 Stainless Steel Door, Add	*888.10*	
		For Embossed Panel, Add	*162.88*	
		For Galvanized Steel, Add	*101.80*	
		For Baked Enamel Finish, Add	*273.81*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.71*	
		For >100, Deduct	*-62.60*	
		For 2" Thick Door, Add	*52.13*	
		For Insulated Door (Polystyrene Core), Add	*67.87*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*169.66*	
		For Seamless Edge (Welded), Add	*84.83*	
		For Steel Stiffened, Add	*169.66*	
08 13 13 13-0080	EA	3'-4" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	846.97	58.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*218.98*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*291.98*	
		For Type 304 Stainless Steel Door, Add	*589.80*	
		For Type 316 Stainless Steel Door, Add	*954.77*	
		For Embossed Panel, Add	*175.19*	
		For Galvanized Steel, Add	*109.49*	
		For Baked Enamel Finish, Add	*289.20*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-45.27*	
		For >100, Deduct	*-66.45*	
		For 2" Thick Door, Add	*55.85*	
		For Insulated Door (Polystyrene Core), Add	*72.99*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*182.49*	
		For Seamless Edge (Welded), Add	*91.24*	
		For Steel Stiffened, Add	*182.49*	
08 13 13 13-0081	EA	3'-6" x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	871.58	60.95
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*224.90*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*299.87*	
		For Type 304 Stainless Steel Door, Add	*605.83*	
		For Type 316 Stainless Steel Door, Add	*980.67*	
		For Embossed Panel, Add	*179.92*	
		For Galvanized Steel, Add	*112.45*	
		For Baked Enamel Finish, Add	*298.05*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-46.63*	
		For >100, Deduct	*-68.42*	
		For 2" Thick Door, Add	*57.40*	
		For Insulated Door (Polystyrene Core), Add	*74.97*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*187.42*	
		For Seamless Edge (Welded), Add	*93.71*	
		For Steel Stiffened, Add	*187.42*	
08 13 13 13-0082	EA	4' x 6'-8" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	960.24	65.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*248.57*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*331.43*	
		For Type 304 Stainless Steel Door, Add	*669.45*	
		For Type 316 Stainless Steel Door, Add	*1,083.74*	
		For Embossed Panel, Add	*198.86*	
		For Galvanized Steel, Add	*124.29*	
		For Baked Enamel Finish, Add	*327.57*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-51.30*	
		For >100, Deduct	*-75.31*	
		For 2" Thick Door, Add	*63.36*	
		For Insulated Door (Polystyrene Core), Add	*82.86*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*207.15*	
		For Seamless Edge (Welded), Add	*103.57*	
		For Steel Stiffened, Add	*207.15*	

08 13 13 13-0083 7' High, 16 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0072)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0084	EA	2' x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	770.30	53.64
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*198.91*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*265.21*	
		For Type 304 Stainless Steel Door, Add	*535.78*	
		For Type 316 Stainless Steel Door, Add	*867.29*	
		For Embossed Panel, Add	*159.12*	
		For Galvanized Steel, Add	*99.45*	
		For Baked Enamel Finish, Add	*263.27*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.20*	
		For >100, Deduct	*-60.45*	
		For 2" Thick Door, Add	*50.75*	
		For Insulated Door (Polystyrene Core), Add	*66.30*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*165.76*	
		For Seamless Edge (Welded), Add	*82.88*	
		For Steel Stiffened, Add	*165.76*	
08 13 13 13-0085	EA	2'-4" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	770.30	53.64
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*198.91*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*265.21*	
		For Type 304 Stainless Steel Door, Add	*535.78*	
		For Type 316 Stainless Steel Door, Add	*867.29*	
		For Embossed Panel, Add	*159.12*	
		For Galvanized Steel, Add	*99.45*	
		For Baked Enamel Finish, Add	*263.27*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.20*	
		For >100, Deduct	*-60.45*	
		For 2" Thick Door, Add	*50.75*	
		For Insulated Door (Polystyrene Core), Add	*66.30*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*165.76*	
		For Seamless Edge (Welded), Add	*82.88*	
		For Steel Stiffened, Add	*165.76*	
08 13 13 13-0086	EA	2'-6" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	788.73	56.08
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*202.97*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*270.63*	
		For Type 304 Stainless Steel Door, Add	*546.87*	
		For Type 316 Stainless Steel Door, Add	*885.16*	
		For Embossed Panel, Add	*162.38*	
		For Galvanized Steel, Add	*101.49*	
		For Baked Enamel Finish, Add	*270.26*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.24*	
		For >100, Deduct	*-61.96*	
		For 2" Thick Door, Add	*51.86*	
		For Insulated Door (Polystyrene Core), Add	*67.66*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*169.15*	
		For Seamless Edge (Welded), Add	*84.57*	
		For Steel Stiffened, Add	*169.15*	
08 13 13 13-0087	EA	2'-8" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	798.82	56.08
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*206.00*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*274.67*	
		For Type 304 Stainless Steel Door, Add	*554.94*	
		For Type 316 Stainless Steel Door, Add	*898.28*	
		For Embossed Panel, Add	*164.80*	
		For Galvanized Steel, Add	*103.00*	
		For Baked Enamel Finish, Add	*273.29*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-42.74*	
		For >100, Deduct	*-62.72*	
		For 2" Thick Door, Add	*52.59*	
		For Insulated Door (Polystyrene Core), Add	*68.67*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*171.67*	
		For Seamless Edge (Welded), Add	*85.83*	
		For Steel Stiffened, Add	*171.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0088	EA	2'-10" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	805.31	57.29
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*207.21*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*276.28*	
		For Type 304 Stainless Steel Door, Add	*558.30*	
		For Type 316 Stainless Steel Door, Add	*903.65*	
		For Embossed Panel, Add	*165.77*	
		For Galvanized Steel, Add	*103.61*	
		For Baked Enamel Finish, Add	*275.97*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.13*	
		For >100, Deduct	*-63.26*	
		For 2" Thick Door, Add	*52.94*	
		For Insulated Door (Polystyrene Core), Add	*69.07*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*172.68*	
		For Seamless Edge (Welded), Add	*86.34*	
		For Steel Stiffened, Add	*172.68*	
08 13 13 13-0089	EA	3' x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	811.78	58.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*208.43*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*277.90*	
		For Type 304 Stainless Steel Door, Add	*561.65*	
		For Type 316 Stainless Steel Door, Add	*909.03*	
		For Embossed Panel, Add	*166.74*	
		For Galvanized Steel, Add	*104.21*	
		For Baked Enamel Finish, Add	*278.64*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.51*	
		For >100, Deduct	*-63.81*	
		For 2" Thick Door, Add	*53.30*	
		For Insulated Door (Polystyrene Core), Add	*69.48*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*173.69*	
		For Seamless Edge (Welded), Add	*86.84*	
		For Steel Stiffened, Add	*173.69*	
08 13 13 13-0090	EA	3'-4" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	864.29	58.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*224.18*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*298.90*	
		For Type 304 Stainless Steel Door, Add	*603.66*	
		For Type 316 Stainless Steel Door, Add	*977.29*	
		For Embossed Panel, Add	*179.34*	
		For Galvanized Steel, Add	*112.09*	
		For Baked Enamel Finish, Add	*294.40*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-46.14*	
		For >100, Deduct	*-67.75*	
		For 2" Thick Door, Add	*57.10*	
		For Insulated Door (Polystyrene Core), Add	*74.73*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*186.82*	
		For Seamless Edge (Welded), Add	*93.41*	
		For Steel Stiffened, Add	*186.82*	
08 13 13 13-0091	EA	3'-6" x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	889.37	60.95
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*230.24*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*306.98*	
		For Type 304 Stainless Steel Door, Add	*620.06*	
		For Type 316 Stainless Steel Door, Add	*1,003.79*	
		For Embossed Panel, Add	*184.19*	
		For Galvanized Steel, Add	*115.12*	
		For Baked Enamel Finish, Add	*303.38*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-47.52*	
		For >100, Deduct	*-69.75*	
		For 2" Thick Door, Add	*58.69*	
		For Insulated Door (Polystyrene Core), Add	*76.75*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*191.87*	
		For Seamless Edge (Welded), Add	*95.93*	
		For Steel Stiffened, Add	*191.87*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0092	EA	4' x 7' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	979.90	65.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*254.47*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*339.30*	
		For Type 304 Stainless Steel Door, Add	*685.18*	
		For Type 316 Stainless Steel Door, Add	*1,109.30*	
		For Embossed Panel, Add	*203.58*	
		For Galvanized Steel, Add	*127.24*	
		For Baked Enamel Finish, Add	*333.47*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-52.29*	
		For >100, Deduct	*-76.78*	
		For 2" Thick Door, Add	*64.79*	
		For Insulated Door (Polystyrene Core), Add	*84.82*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*212.06*	
		For Seamless Edge (Welded), Add	*106.03*	
		For Steel Stiffened, Add	*212.06*	

08 13 13 13-0093 7'-2" High, 16 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0072)*

08 13 13 13-0094	EA	2' x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	785.67	53.64
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*203.52*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*271.36*	
		For Type 304 Stainless Steel Door, Add	*548.08*	
		For Type 316 Stainless Steel Door, Add	*887.27*	
		For Embossed Panel, Add	*162.81*	
		For Galvanized Steel, Add	*101.76*	
		For Baked Enamel Finish, Add	*267.89*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.97*	
		For >100, Deduct	*-61.61*	
		For 2" Thick Door, Add	*51.87*	
		For Insulated Door (Polystyrene Core), Add	*67.84*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*169.60*	
		For Seamless Edge (Welded), Add	*84.80*	
		For Steel Stiffened, Add	*169.60*	
08 13 13 13-0095	EA	2'-4" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	785.67	53.64
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*203.52*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*271.36*	
		For Type 304 Stainless Steel Door, Add	*548.08*	
		For Type 316 Stainless Steel Door, Add	*887.27*	
		For Embossed Panel, Add	*162.81*	
		For Galvanized Steel, Add	*101.76*	
		For Baked Enamel Finish, Add	*267.89*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-41.97*	
		For >100, Deduct	*-61.61*	
		For 2" Thick Door, Add	*51.87*	
		For Insulated Door (Polystyrene Core), Add	*67.84*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*169.60*	
		For Seamless Edge (Welded), Add	*84.80*	
		For Steel Stiffened, Add	*169.60*	
08 13 13 13-0096	EA	2'-6" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	804.41	56.08
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*207.68*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*276.90*	
		For Type 304 Stainless Steel Door, Add	*559.42*	
		For Type 316 Stainless Steel Door, Add	*905.55*	
		For Embossed Panel, Add	*166.14*	
		For Galvanized Steel, Add	*103.84*	
		For Baked Enamel Finish, Add	*274.97*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.02*	
		For >100, Deduct	*-63.13*	
		For 2" Thick Door, Add	*52.99*	
		For Insulated Door (Polystyrene Core), Add	*69.23*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*173.07*	
		For Seamless Edge (Welded), Add	*86.53*	
		For Steel Stiffened, Add	*173.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0097	EA	2'-8" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	814.74	56.08
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*210.78*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*281.04*	
		For Type 304 Stainless Steel Door, Add	*567.68*	
		For Type 316 Stainless Steel Door, Add	*918.97*	
		For Embossed Panel, Add	*168.62*	
		For Galvanized Steel, Add	*105.39*	
		For Baked Enamel Finish, Add	*278.07*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.54*	
		For >100, Deduct	*-63.91*	
		For 2" Thick Door, Add	*53.74*	
		For Insulated Door (Polystyrene Core), Add	*70.26*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*175.65*	
		For Seamless Edge (Welded), Add	*87.82*	
		For Steel Stiffened, Add	*175.65*	
08 13 13 13-0098	EA	2'-10" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	821.34	57.29
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*212.02*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*282.70*	
		For Type 304 Stainless Steel Door, Add	*571.12*	
		For Type 316 Stainless Steel Door, Add	*924.49*	
		For Embossed Panel, Add	*169.62*	
		For Galvanized Steel, Add	*106.01*	
		For Baked Enamel Finish, Add	*280.78*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-43.93*	
		For >100, Deduct	*-64.47*	
		For 2" Thick Door, Add	*54.10*	
		For Insulated Door (Polystyrene Core), Add	*70.67*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*176.69*	
		For Seamless Edge (Welded), Add	*88.34*	
		For Steel Stiffened, Add	*176.69*	
08 13 13 13-0099	EA	3' x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	827.89	58.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*213.26*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*284.34*	
		For Type 304 Stainless Steel Door, Add	*574.54*	
		For Type 316 Stainless Steel Door, Add	*929.97*	
		For Embossed Panel, Add	*170.61*	
		For Galvanized Steel, Add	*106.63*	
		For Baked Enamel Finish, Add	*283.48*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-44.32*	
		For >100, Deduct	*-65.02*	
		For 2" Thick Door, Add	*54.46*	
		For Insulated Door (Polystyrene Core), Add	*71.09*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*177.72*	
		For Seamless Edge (Welded), Add	*88.86*	
		For Steel Stiffened, Add	*177.72*	
08 13 13 13-0100	EA	3'-4" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	881.62	58.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*229.38*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*305.84*	
		For Type 304 Stainless Steel Door, Add	*617.52*	
		For Type 316 Stainless Steel Door, Add	*999.82*	
		For Embossed Panel, Add	*183.50*	
		For Galvanized Steel, Add	*114.69*	
		For Baked Enamel Finish, Add	*299.60*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-47.01*	
		For >100, Deduct	*-69.05*	
		For 2" Thick Door, Add	*58.36*	
		For Insulated Door (Polystyrene Core), Add	*76.46*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*191.15*	
		For Seamless Edge (Welded), Add	*95.57*	
		For Steel Stiffened, Add	*191.15*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0101	EA	3'-6" x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	907.16	60.95
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*235.58*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*314.10*	
		For Type 304 Stainless Steel Door, Add	*634.30*	
		For Type 316 Stainless Steel Door, Add	*1,026.92*	
		For Embossed Panel, Add	*188.46*	
		For Galvanized Steel, Add	*117.79*	
		For Baked Enamel Finish, Add	*308.72*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-48.41*	
		For >100, Deduct	*-71.08*	
		For 2" Thick Door, Add	*59.98*	
		For Insulated Door (Polystyrene Core), Add	*78.53*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*196.31*	
		For Seamless Edge (Welded), Add	*98.16*	
		For Steel Stiffened, Add	*196.31*	
08 13 13 13-0102	EA	4' x 7'-2" x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	999.57	65.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*260.37*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*347.16*	
		For Type 304 Stainless Steel Door, Add	*700.91*	
		For Type 316 Stainless Steel Door, Add	*1,134.87*	
		For Embossed Panel, Add	*208.30*	
		For Galvanized Steel, Add	*130.19*	
		For Baked Enamel Finish, Add	*339.37*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-53.27*	
		For >100, Deduct	*-78.26*	
		For 2" Thick Door, Add	*66.21*	
		For Insulated Door (Polystyrene Core), Add	*86.79*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*216.98*	
		For Seamless Edge (Welded), Add	*108.49*	
		For Steel Stiffened, Add	*216.98*	

08 13 13 13-0103 8' High, 16 Gauge, Unrated, Hollow Metal Doors *(08 13 13 13-0072)*

08 13 13 13-0104	EA	2' x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	912.45	53.64
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*241.55*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*322.07*	
		For Up To 1' Extra Height, Add	*222.79*	
		For Type 304 Stainless Steel Door, Add	*649.50*	
		For Type 316 Stainless Steel Door, Add	*1,052.09*	
		For Embossed Panel, Add	*193.24*	
		For Galvanized Steel, Add	*120.78*	
		For Baked Enamel Finish, Add	*305.92*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-48.30*	
		For >100, Deduct	*-71.12*	
		For 2" Thick Door, Add	*61.06*	
		For Insulated Door (Polystyrene Core), Add	*80.52*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*201.29*	
		For Seamless Edge (Welded), Add	*100.65*	
		For Steel Stiffened, Add	*201.29*	
08 13 13 13-0105	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	912.45	53.64
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*241.55*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*322.07*	
		For Up To 1' Extra Height, Add	*222.79*	
		For Type 304 Stainless Steel Door, Add	*649.50*	
		For Type 316 Stainless Steel Door, Add	*1,052.09*	
		For Embossed Panel, Add	*193.24*	
		For Galvanized Steel, Add	*120.78*	
		For Baked Enamel Finish, Add	*305.92*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-48.30*	
		For >100, Deduct	*-71.12*	
		For 2" Thick Door, Add	*61.06*	
		For Insulated Door (Polystyrene Core), Add	*80.52*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*201.29*	
		For Seamless Edge (Welded), Add	*100.65*	
		For Steel Stiffened, Add	*201.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0106	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	933.79	56.08
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*246.49*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*328.66*	
		For Up To 1' Extra Height, Add	*227.35*	
		For Type 304 Stainless Steel Door, Add	*662.92*	
		For Type 316 Stainless Steel Door, Add	*1,073.74*	
		For Embossed Panel, Add	*197.19*	
		For Galvanized Steel, Add	*123.25*	
		For Baked Enamel Finish, Add	*313.78*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-49.49*	
		For >100, Deduct	*-72.84*	
		For 2" Thick Door, Add	*62.37*	
		For Insulated Door (Polystyrene Core), Add	*82.16*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*205.41*	
		For Seamless Edge (Welded), Add	*102.71*	
		For Steel Stiffened, Add	*205.41*	
08 13 13 13-0107	EA	2'-8" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	946.06	56.08
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*250.17*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*333.56*	
		For Up To 1' Extra Height, Add	*230.74*	
		For Type 304 Stainless Steel Door, Add	*672.74*	
		For Type 316 Stainless Steel Door, Add	*1,089.69*	
		For Embossed Panel, Add	*200.14*	
		For Galvanized Steel, Add	*125.09*	
		For Baked Enamel Finish, Add	*317.46*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-50.11*	
		For >100, Deduct	*-73.76*	
		For 2" Thick Door, Add	*63.26*	
		For Insulated Door (Polystyrene Core), Add	*83.39*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*208.48*	
		For Seamless Edge (Welded), Add	*104.24*	
		For Steel Stiffened, Add	*208.48*	
08 13 13 13-0108	EA	2'-10" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	953.41	57.29
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*251.64*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*335.52*	
		For Up To 1' Extra Height, Add	*232.10*	
		For Type 304 Stainless Steel Door, Add	*676.78*	
		For Type 316 Stainless Steel Door, Add	*1,096.18*	
		For Embossed Panel, Add	*201.31*	
		For Galvanized Steel, Add	*125.82*	
		For Baked Enamel Finish, Add	*320.40*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-50.54*	
		For >100, Deduct	*-74.37*	
		For 2" Thick Door, Add	*63.68*	
		For Insulated Door (Polystyrene Core), Add	*83.88*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*209.70*	
		For Seamless Edge (Welded), Add	*104.85*	
		For Steel Stiffened, Add	*209.70*	
08 13 13 13-0109	EA	3' x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	960.74	58.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*253.11*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*337.48*	
		For Up To 1' Extra Height, Add	*233.45*	
		For Type 304 Stainless Steel Door, Add	*680.82*	
		For Type 316 Stainless Steel Door, Add	*1,102.67*	
		For Embossed Panel, Add	*202.49*	
		For Galvanized Steel, Add	*126.56*	
		For Baked Enamel Finish, Add	*323.33*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-50.96*	
		For >100, Deduct	*-74.98*	
		For 2" Thick Door, Add	*64.09*	
		For Insulated Door (Polystyrene Core), Add	*84.37*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*210.93*	
		For Seamless Edge (Welded), Add	*105.46*	
		For Steel Stiffened, Add	*210.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0110	EA	3'-4" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	1,024.51	58.52
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*272.24*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*362.99*	
		For Up To 1' Extra Height, Add	*251.10*	
		For Type 304 Stainless Steel Door, Add	*731.84*	
		For Type 316 Stainless Steel Door, Add	*1,185.58*	
		For Embossed Panel, Add	*217.80*	
		For Galvanized Steel, Add	*136.12*	
		For Baked Enamel Finish, Add	*342.46*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-54.15*	
		For >100, Deduct	*-79.76*	
		For 2" Thick Door, Add	*68.72*	
		For Insulated Door (Polystyrene Core), Add	*90.75*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*226.87*	
		For Seamless Edge (Welded), Add	*113.44*	
		For Steel Stiffened, Add	*226.87*	
08 13 13 13-0111	EA	3'-6" x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	1,053.92	60.95
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*279.60*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*372.80*	
		For Up To 1' Extra Height, Add	*257.89*	
		For 1' To 1'-6" Extra Height, Add	*492.01*	
		For Type 304 Stainless Steel Door, Add	*751.70*	
		For Type 316 Stainless Steel Door, Add	*1,217.71*	
		For Embossed Panel, Add	*223.68*	
		For Galvanized Steel, Add	*139.80*	
		For Baked Enamel Finish, Add	*352.75*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-55.74*	
		For >100, Deduct	*-82.09*	
		For 2" Thick Door, Add	*70.62*	
		For Insulated Door (Polystyrene Core), Add	*93.20*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*233.00*	
		For Seamless Edge (Welded), Add	*116.50*	
		For Steel Stiffened, Add	*233.00*	
08 13 13 13-0112	EA	4' x 8' x 1-3/4", 16 Gauge, Unrated, Hollow Metal Door	1,161.77	65.83
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	*309.03*	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	*412.04*	
		For Up To 1' Extra Height, Add	*285.03*	
		For 1' To 1'-6" Extra Height, Add	*543.80*	
		For Type 304 Stainless Steel Door, Add	*830.67*	
		For Type 316 Stainless Steel Door, Add	*1,345.73*	
		For Embossed Panel, Add	*247.23*	
		For Galvanized Steel, Add	*154.52*	
		For Baked Enamel Finish, Add	*388.03*	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	*27.63*	
		For 45 Minutes Rated Door And FM Label, Add	*41.40*	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	*55.27*	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	*93.38*	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	*131.50*	
		For >50 To 100, Deduct	*-61.38*	
		For >100, Deduct	*-90.42*	
		For 2" Thick Door, Add	*77.97*	
		For Insulated Door (Polystyrene Core), Add	*103.01*	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	*257.53*	
		For Seamless Edge (Welded), Add	*128.76*	
		For Steel Stiffened, Add	*257.53*	

08 13 13 53 Custom Hollow Metal Doors *(08 13 13)*

08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door *(08 13 13 53)*

08 13 13 53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	1,679.21	121.91
		For 16 Gauge Door, Add	*20.30*	
08 13 13 53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	1,759.40	146.29
		For 16 Gauge Door, Add	*20.30*	

08 13 73 Sliding Metal Doors *(08 13)*

08 13 73 00-0001 Sliding Bypass Mirror Doors *(08 13 73)*

Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.

08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors	336.24	73.15
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors	379.03	78.02
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors	421.81	82.89
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors	497.64	87.77

08 14 Wood Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
See CSI section 08 05 13 00-0031 for mortise preparation, 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors *(08 14)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0001		1-3/8" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*			
08 14 16 00-0002		Birch Faced Wood Door *(08 14 16 00-0001)*			
08 14 16 00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		225.77	53.64
		For >50 To 100, Deduct		*-13.97*	
		For >100, Deduct		*-19.61*	
08 14 16 00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		225.77	53.64
		For >50 To 100, Deduct		*-13.97*	
		For >100, Deduct		*-19.61*	
08 14 16 00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		239.04	56.08
		For >50 To 100, Deduct		*-14.76*	
		For >100, Deduct		*-20.73*	
08 14 16 00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		245.21	56.08
		For >50 To 100, Deduct		*-15.06*	
		For >100, Deduct		*-21.19*	
08 14 16 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		246.66	56.08
		For >50 To 100, Deduct		*-15.14*	
		For >100, Deduct		*-21.30*	
08 14 16 00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		252.27	58.52
		For >50 To 100, Deduct		*-15.54*	
		For >100, Deduct		*-21.85*	
08 14 16 00-0009	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		265.48	58.52
		For >50 To 100, Deduct		*-16.20*	
		For >100, Deduct		*-22.84*	
08 14 16 00-0010	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		279.86	60.95
		For >50 To 100, Deduct		*-17.04*	
		For >100, Deduct		*-24.04*	
08 14 16 00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		232.68	53.64
		For >50 To 100, Deduct		*-14.32*	
		For >100, Deduct		*-20.13*	
08 14 16 00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		232.68	53.64
		For >50 To 100, Deduct		*-14.32*	
		For >100, Deduct		*-20.13*	
08 14 16 00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		246.43	56.08
		For >50 To 100, Deduct		*-15.13*	
		For >100, Deduct		*-21.29*	
08 14 16 00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		252.97	56.08
		For >50 To 100, Deduct		*-15.45*	
		For >100, Deduct		*-21.78*	
08 14 16 00-0015	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		254.50	56.08
		For >50 To 100, Deduct		*-15.53*	
		For >100, Deduct		*-21.89*	
08 14 16 00-0016	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		260.14	58.52
		For >50 To 100, Deduct		*-15.93*	
		For >100, Deduct		*-22.44*	
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		274.11	58.52
		For >50 To 100, Deduct		*-16.63*	
		For >100, Deduct		*-23.48*	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		289.05	60.95
		For >50 To 100, Deduct		*-17.50*	
		For >100, Deduct		*-24.73*	
08 14 16 00-0019	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		257.12	53.64
		For >50 To 100, Deduct		*-15.54*	
		For >100, Deduct		*-21.97*	
		For 9' Door Height, Add		*31.47*	
08 14 16 00-0020	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		257.12	53.64
		For >50 To 100, Deduct		*-15.54*	
		For >100, Deduct		*-21.97*	
		For 9' Door Height, Add		*31.47*	
08 14 16 00-0021	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		272.62	56.08
		For >50 To 100, Deduct		*-16.43*	
		For >100, Deduct		*-23.25*	
		For 9' Door Height, Add		*33.70*	
08 14 16 00-0022	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		280.41	56.08
		For >50 To 100, Deduct		*-16.82*	
		For >100, Deduct		*-23.83*	
		For 9' Door Height, Add		*35.33*	
08 14 16 00-0023	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		282.25	56.08
		For >50 To 100, Deduct		*-16.92*	
		For >100, Deduct		*-23.97*	
		For 9' Door Height, Add		*35.72*	
08 14 16 00-0024	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		288.04	58.52
		For >50 To 100, Deduct		*-17.33*	
		For >100, Deduct		*-24.53*	
		For 9' Door Height, Add		*35.91*	
08 14 16 00-0025	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		304.74	58.52
		For >50 To 100, Deduct		*-18.16*	
		For >100, Deduct		*-25.78*	
		For 9' Door Height, Add		*39.42*	
08 14 16 00-0026	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door		321.63	60.95
		For >50 To 100, Deduct		*-19.13*	
		For >100, Deduct		*-27.17*	
		For 9' Door Height, Add		*41.94*	
08 14 16 00-0027		Oak Faced Wood Door *(08 14 16 00-0001)*			
08 14 16 00-0028	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door		253.84	53.64
		For >50 To 100, Deduct		*-15.37*	
		For >100, Deduct		*-21.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0029	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	253.84	53.64
		For >50 To 100, Deduct	*-15.37*	
		For >100, Deduct	*-21.72*	
08 14 16 00-0030	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	269.10	56.08
		For >50 To 100, Deduct	*-16.26*	
		For >100, Deduct	*-22.99*	
08 14 16 00-0031	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	276.74	56.08
		For >50 To 100, Deduct	*-16.64*	
		For >100, Deduct	*-23.56*	
08 14 16 00-0032	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	278.09	56.08
		For >50 To 100, Deduct	*-16.71*	
		For >100, Deduct	*-23.66*	
08 14 16 00-0033	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	284.31	58.52
		For >50 To 100, Deduct	*-17.14*	
		For >100, Deduct	*-24.25*	
08 14 16 00-0034	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	300.63	58.52
		For >50 To 100, Deduct	*-17.96*	
		For >100, Deduct	*-25.47*	
08 14 16 00-0035	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	317.27	60.95
		For >50 To 100, Deduct	*-18.91*	
		For >100, Deduct	*-26.84*	
08 14 16 00-0036	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	262.36	53.64
		For >50 To 100, Deduct	*-15.80*	
		For >100, Deduct	*-22.36*	
08 14 16 00-0037	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	262.36	53.64
		For >50 To 100, Deduct	*-15.80*	
		For >100, Deduct	*-22.36*	
08 14 16 00-0038	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	278.23	56.08
		For >50 To 100, Deduct	*-16.72*	
		For >100, Deduct	*-23.67*	
08 14 16 00-0039	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	286.32	56.08
		For >50 To 100, Deduct	*-17.12*	
		For >100, Deduct	*-24.28*	
08 14 16 00-0040	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	287.74	56.08
		For >50 To 100, Deduct	*-17.19*	
		For >100, Deduct	*-24.38*	
08 14 16 00-0041	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	294.04	58.52
		For >50 To 100, Deduct	*-17.63*	
		For >100, Deduct	*-24.98*	
08 14 16 00-0042	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	311.31	58.52
		For >50 To 100, Deduct	*-18.49*	
		For >100, Deduct	*-26.27*	
08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	328.63	60.95
		For >50 To 100, Deduct	*-19.48*	
		For >100, Deduct	*-27.70*	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	292.62	53.64
		For >50 To 100, Deduct	*-17.31*	
		For >100, Deduct	*-24.63*	
		For 9' Door Height, Add	*38.92*	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	292.62	53.64
		For >50 To 100, Deduct	*-17.31*	
		For >100, Deduct	*-24.63*	
		For 9' Door Height, Add	*38.92*	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	310.62	56.08
		For >50 To 100, Deduct	*-18.33*	
		For >100, Deduct	*-26.10*	
		For 9' Door Height, Add	*41.68*	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	320.27	56.08
		For >50 To 100, Deduct	*-18.82*	
		For >100, Deduct	*-26.82*	
		For 9' Door Height, Add	*43.71*	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	321.98	56.08
		For >50 To 100, Deduct	*-18.90*	
		For >100, Deduct	*-26.95*	
		For 9' Door Height, Add	*44.06*	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	328.55	58.52
		For >50 To 100, Deduct	*-19.35*	
		For >100, Deduct	*-27.57*	
		For 9' Door Height, Add	*44.42*	
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	349.20	58.52
		For >50 To 100, Deduct	*-20.39*	
		For >100, Deduct	*-29.12*	
		For 9' Door Height, Add	*48.76*	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	368.95	60.95
		For >50 To 100, Deduct	*-21.50*	
		For >100, Deduct	*-30.72*	
		For 9' Door Height, Add	*51.88*	

08 14 16 00-0052 Maple Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0053	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	283.16	53.64
		For >50 To 100, Deduct	*-16.84*	
		For >100, Deduct	*-23.92*	
08 14 16 00-0054	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	283.16	53.64
		For >50 To 100, Deduct	*-16.84*	
		For >100, Deduct	*-23.92*	
08 14 16 00-0055	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	300.48	56.08
		For >50 To 100, Deduct	*-17.83*	
		For >100, Deduct	*-25.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0056	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	309.66	56.08
		For >50 To 100, Deduct	*-18.29*	
		For >100, Deduct	*-26.03*	
08 14 16 00-0057	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	311.28	56.08
		For >50 To 100, Deduct	*-18.37*	
		For >100, Deduct	*-26.15*	
08 14 16 00-0058	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	317.77	58.52
		For >50 To 100, Deduct	*-18.81*	
		For >100, Deduct	*-26.76*	
08 14 16 00-0059	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	337.35	58.52
		For >50 To 100, Deduct	*-19.79*	
		For >100, Deduct	*-28.23*	
08 14 16 00-0060	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	356.34	60.95
		For >50 To 100, Deduct	*-20.86*	
		For >100, Deduct	*-29.77*	
08 14 16 00-0061	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	293.38	53.64
		For >50 To 100, Deduct	*-17.35*	
		For >100, Deduct	*-24.69*	
08 14 16 00-0062	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	293.38	53.64
		For >50 To 100, Deduct	*-17.35*	
		For >100, Deduct	*-24.69*	
08 14 16 00-0063	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	311.45	56.08
		For >50 To 100, Deduct	*-18.38*	
		For >100, Deduct	*-26.16*	
08 14 16 00-0064	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	321.15	56.08
		For >50 To 100, Deduct	*-18.86*	
		For >100, Deduct	*-26.89*	
08 14 16 00-0065	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	322.86	56.08
		For >50 To 100, Deduct	*-18.95*	
		For >100, Deduct	*-27.02*	
08 14 16 00-0066	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	329.43	58.52
		For >50 To 100, Deduct	*-19.40*	
		For >100, Deduct	*-27.63*	
08 14 16 00-0067	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	350.16	58.52
		For >50 To 100, Deduct	*-20.43*	
		For >100, Deduct	*-29.19*	
08 14 16 00-0068	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	369.98	60.95
		For >50 To 100, Deduct	*-21.55*	
		For >100, Deduct	*-30.80*	
08 14 16 00-0069	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	329.68	53.64
		For >50 To 100, Deduct	*-19.17*	
		For >100, Deduct	*-27.41*	
		For 9' Door Height, Add	*46.70*	
08 14 16 00-0070	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	329.68	53.64
		For >50 To 100, Deduct	*-19.17*	
		For >100, Deduct	*-27.41*	
		For 9' Door Height, Add	*46.70*	
08 14 16 00-0071	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	350.30	56.08
		For >50 To 100, Deduct	*-20.32*	
		For >100, Deduct	*-29.08*	
		For 9' Door Height, Add	*50.01*	
08 14 16 00-0072	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	361.89	56.08
		For >50 To 100, Deduct	*-20.90*	
		For >100, Deduct	*-29.95*	
		For 9' Door Height, Add	*52.45*	
08 14 16 00-0073	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	363.94	56.08
		For >50 To 100, Deduct	*-21.00*	
		For >100, Deduct	*-30.10*	
		For 9' Door Height, Add	*52.88*	
08 14 16 00-0074	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	370.86	58.52
		For >50 To 100, Deduct	*-21.47*	
		For >100, Deduct	*-30.74*	
		For 9' Door Height, Add	*53.30*	
08 14 16 00-0075	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	395.65	58.52
		For >50 To 100, Deduct	*-22.71*	
		For >100, Deduct	*-32.60*	
		For 9' Door Height, Add	*58.51*	
08 14 16 00-0076	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	418.36	60.95
		For >50 To 100, Deduct	*-23.97*	
		For >100, Deduct	*-34.42*	
		For 9' Door Height, Add	*62.25*	

08 14 16 00-0077 Lauan Faced Wood Doors *(08 14 16 00-0001)*

08 14 16 00-0078	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	195.88	53.64
		For >50 To 100, Deduct	*-12.48*	
		For >100, Deduct	*-17.37*	
08 14 16 00-0079	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	195.88	53.64
		For >50 To 100, Deduct	*-12.48*	
		For >100, Deduct	*-17.37*	
08 14 16 00-0080	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	206.75	56.08
		For >50 To 100, Deduct	*-13.14*	
		For >100, Deduct	*-18.31*	
08 14 16 00-0081	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	211.82	56.08
		For >50 To 100, Deduct	*-13.39*	
		For >100, Deduct	*-18.69*	
08 14 16 00-0082	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	213.61	56.08
		For >50 To 100, Deduct	*-13.48*	
		For >100, Deduct	*-18.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0083	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	220.28	58.52
		For >50 To 100, Deduct	*-13.94*	
		For >100, Deduct	*-19.45*	
08 14 16 00-0084	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	230.15	58.52
		For >50 To 100, Deduct	*-14.43*	
		For >100, Deduct	*-20.19*	
08 14 16 00-0085	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	242.28	60.95
		For >50 To 100, Deduct	*-15.16*	
		For >100, Deduct	*-21.22*	
08 14 16 00-0086	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	201.03	53.64
		For >50 To 100, Deduct	*-12.73*	
		For >100, Deduct	*-17.76*	
08 14 16 00-0087	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	201.03	53.64
		For >50 To 100, Deduct	*-12.73*	
		For >100, Deduct	*-17.76*	
08 14 16 00-0088	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	212.26	56.08
		For >50 To 100, Deduct	*-13.42*	
		For >100, Deduct	*-18.72*	
08 14 16 00-0089	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	217.62	56.08
		For >50 To 100, Deduct	*-13.68*	
		For >100, Deduct	*-19.13*	
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	219.52	56.08
		For >50 To 100, Deduct	*-13.78*	
		For >100, Deduct	*-19.27*	
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	226.29	58.52
		For >50 To 100, Deduct	*-14.24*	
		For >100, Deduct	*-19.90*	
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	236.74	58.52
		For >50 To 100, Deduct	*-14.76*	
		For >100, Deduct	*-20.68*	
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	249.28	60.95
		For >50 To 100, Deduct	*-15.51*	
		For >100, Deduct	*-21.74*	
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	219.32	53.64
		For >50 To 100, Deduct	*-13.65*	
		For >100, Deduct	*-19.13*	
		For 9' Door Height, Add	*23.53*	
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	219.30	53.64
		For >50 To 100, Deduct	*-13.65*	
		For >100, Deduct	*-19.13*	
		For 9' Door Height, Add	*23.52*	
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	231.79	56.08
		For >50 To 100, Deduct	*-14.39*	
		For >100, Deduct	*-20.19*	
		For 9' Door Height, Add	*25.12*	
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	238.18	56.08
		For >50 To 100, Deduct	*-14.71*	
		For >100, Deduct	*-20.67*	
		For 9' Door Height, Add	*26.47*	
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	240.46	56.08
		For >50 To 100, Deduct	*-14.83*	
		For >100, Deduct	*-20.84*	
		For 9' Door Height, Add	*26.95*	
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	247.59	58.52
		For >50 To 100, Deduct	*-15.31*	
		For >100, Deduct	*-21.50*	
		For 9' Door Height, Add	*27.42*	
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	260.09	58.52
		For >50 To 100, Deduct	*-15.93*	
		For >100, Deduct	*-22.43*	
		For 9' Door Height, Add	*30.04*	
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	274.10	60.95
		For >50 To 100, Deduct	*-16.75*	
		For >100, Deduct	*-23.61*	
		For 9' Door Height, Add	*31.96*	

08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0001)*

08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	198.28	53.64
		For >50 To 100, Deduct	*-12.60*	
		For >100, Deduct	*-17.55*	
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	198.28	53.64
		For >50 To 100, Deduct	*-12.60*	
		For >100, Deduct	*-17.55*	
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	209.79	56.08
		For >50 To 100, Deduct	*-13.29*	
		For >100, Deduct	*-18.54*	
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	212.93	56.08
		For >50 To 100, Deduct	*-13.45*	
		For >100, Deduct	*-18.77*	
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	216.09	56.08
		For >50 To 100, Deduct	*-13.61*	
		For >100, Deduct	*-19.01*	
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	224.10	58.52
		For >50 To 100, Deduct	*-14.13*	
		For >100, Deduct	*-19.73*	
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	235.88	58.52
		For >50 To 100, Deduct	*-14.72*	
		For >100, Deduct	*-20.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	248.36	60.95
		For >50 To 100, Deduct	*-15.47*	
		For >100, Deduct	*-21.67*	
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	203.57	53.64
		For >50 To 100, Deduct	*-12.86*	
		For >100, Deduct	*-17.95*	
08 14 16 00-0112	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	203.57	53.64
		For >50 To 100, Deduct	*-12.86*	
		For >100, Deduct	*-17.95*	
08 14 16 00-0113	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	215.46	56.08
		For >50 To 100, Deduct	*-13.58*	
		For >100, Deduct	*-18.96*	
08 14 16 00-0114	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	218.80	56.08
		For >50 To 100, Deduct	*-13.74*	
		For >100, Deduct	*-19.21*	
08 14 16 00-0115	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	222.14	56.08
		For >50 To 100, Deduct	*-13.91*	
		For >100, Deduct	*-19.46*	
08 14 16 00-0116	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	230.34	58.52
		For >50 To 100, Deduct	*-14.44*	
		For >100, Deduct	*-20.20*	
08 14 16 00-0117	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	242.80	58.52
		For >50 To 100, Deduct	*-15.07*	
		For >100, Deduct	*-21.14*	
08 14 16 00-0118	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	255.72	60.95
		For >50 To 100, Deduct	*-15.83*	
		For >100, Deduct	*-22.23*	
08 14 16 00-0119	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	222.34	53.64
		For >50 To 100, Deduct	*-13.80*	
		For >100, Deduct	*-19.36*	
		For 9' Door Height, Add	*24.16*	
08 14 16 00-0120	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	222.36	53.64
		For >50 To 100, Deduct	*-13.80*	
		For >100, Deduct	*-19.36*	
		For 9' Door Height, Add	*24.17*	
08 14 16 00-0121	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	235.61	56.08
		For >50 To 100, Deduct	*-14.58*	
		For >100, Deduct	*-20.47*	
		For 9' Door Height, Add	*25.93*	
08 14 16 00-0122	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	239.60	56.08
		For >50 To 100, Deduct	*-14.78*	
		For >100, Deduct	*-20.77*	
		For 9' Door Height, Add	*26.76*	
08 14 16 00-0123	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	243.60	56.08
		For >50 To 100, Deduct	*-14.98*	
		For >100, Deduct	*-21.07*	
		For 9' Door Height, Add	*27.60*	
08 14 16 00-0124	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	252.44	58.52
		For >50 To 100, Deduct	*-15.55*	
		For >100, Deduct	*-21.86*	
		For 9' Door Height, Add	*28.44*	
08 14 16 00-0125	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	267.34	58.52
		For >50 To 100, Deduct	*-16.29*	
		For >100, Deduct	*-22.98*	
		For 9' Door Height, Add	*31.57*	
08 14 16 00-0126	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	281.82	60.95
		For >50 To 100, Deduct	*-17.14*	
		For >100, Deduct	*-24.18*	
		For 9' Door Height, Add	*33.58*	

08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0128 Birch Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0129	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	255.38	53.64
		For >50 To 100, Deduct	*-15.45*	
		For >100, Deduct	*-21.84*	
08 14 16 00-0130	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	255.38	53.64
		For >50 To 100, Deduct	*-15.45*	
		For >100, Deduct	*-21.84*	
08 14 16 00-0131	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	265.84	56.08
		For >50 To 100, Deduct	*-16.10*	
		For >100, Deduct	*-22.74*	
08 14 16 00-0132	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	267.92	56.08
		For >50 To 100, Deduct	*-16.20*	
		For >100, Deduct	*-22.90*	
08 14 16 00-0133	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	272.48	56.08
		For >50 To 100, Deduct	*-16.43*	
		For >100, Deduct	*-23.24*	
08 14 16 00-0134	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	281.91	58.52
		For >50 To 100, Deduct	*-17.02*	
		For >100, Deduct	*-24.07*	
08 14 16 00-0135	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	306.09	58.52
		For >50 To 100, Deduct	*-18.23*	
		For >100, Deduct	*-25.88*	
08 14 16 00-0136	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	360.04	60.95
		For >50 To 100, Deduct	*-21.05*	
		For >100, Deduct	*-30.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0137	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	371.94	60.95
		For >50 To 100, Deduct	*-21.64*	
		For >100, Deduct	*-30.94*	
08 14 16 00-0138	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	395.75	60.95
		For >50 To 100, Deduct	*-22.84*	
		For >100, Deduct	*-32.73*	
08 14 16 00-0139	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	264.01	53.64
		For >50 To 100, Deduct	*-15.88*	
		For >100, Deduct	*-22.48*	
08 14 16 00-0140	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	264.01	53.64
		For >50 To 100, Deduct	*-15.88*	
		For >100, Deduct	*-22.48*	
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	274.78	56.08
		For >50 To 100, Deduct	*-16.54*	
		For >100, Deduct	*-23.41*	
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	276.99	56.08
		For >50 To 100, Deduct	*-16.65*	
		For >100, Deduct	*-23.58*	
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	281.81	56.08
		For >50 To 100, Deduct	*-16.89*	
		For >100, Deduct	*-23.94*	
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	291.50	58.52
		For >50 To 100, Deduct	*-17.50*	
		For >100, Deduct	*-24.79*	
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	317.09	58.52
		For >50 To 100, Deduct	*-18.78*	
		For >100, Deduct	*-26.71*	
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	373.90	60.95
		For >50 To 100, Deduct	*-21.74*	
		For >100, Deduct	*-31.09*	
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	386.49	60.95
		For >50 To 100, Deduct	*-22.37*	
		For >100, Deduct	*-32.03*	
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	411.70	60.95
		For >50 To 100, Deduct	*-23.63*	
		For >100, Deduct	*-33.93*	
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	294.58	53.64
		For >50 To 100, Deduct	*-17.41*	
		For >100, Deduct	*-24.78*	
		For 9' Door Height, Add	*39.33*	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	294.58	53.64
		For >50 To 100, Deduct	*-17.41*	
		For >100, Deduct	*-24.78*	
		For 9' Door Height, Add	*39.33*	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	306.50	56.08
		For >50 To 100, Deduct	*-18.13*	
		For >100, Deduct	*-25.79*	
		For 9' Door Height, Add	*40.81*	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	309.12	56.08
		For >50 To 100, Deduct	*-18.26*	
		For >100, Deduct	*-25.99*	
		For 9' Door Height, Add	*41.36*	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	314.90	56.08
		For >50 To 100, Deduct	*-18.55*	
		For >100, Deduct	*-26.42*	
		For 9' Door Height, Add	*42.58*	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	325.52	58.52
		For >50 To 100, Deduct	*-19.20*	
		For >100, Deduct	*-27.34*	
		For 9' Door Height, Add	*43.78*	
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	356.11	58.52
		For >50 To 100, Deduct	*-20.73*	
		For >100, Deduct	*-29.63*	
		For 9' Door Height, Add	*50.21*	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	423.04	60.95
		For >50 To 100, Deduct	*-24.20*	
		For >100, Deduct	*-34.78*	
		For 9' Door Height, Add	*63.24*	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	438.08	60.95
		For >50 To 100, Deduct	*-24.95*	
		For >100, Deduct	*-35.90*	
		For 9' Door Height, Add	*66.40*	
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	468.21	60.95
		For >50 To 100, Deduct	*-26.46*	
		For >100, Deduct	*-38.16*	
		For 9' Door Height, Add	*72.72*	

08 14 16 00-0159 Oak Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	302.17	53.64
		For >50 To 100, Deduct	*-17.79*	
		For >100, Deduct	*-25.34*	
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	302.17	53.64
		For >50 To 100, Deduct	*-17.79*	
		For >100, Deduct	*-25.34*	
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	314.36	56.08
		For >50 To 100, Deduct	*-18.52*	
		For >100, Deduct	*-26.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0163	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	317.11	56.08
		For >50 To 100, Deduct	*-18.66*	
		For >100, Deduct	*-26.59*	
08 14 16 00-0164	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	323.11	56.08
		For >50 To 100, Deduct	*-18.96*	
		For >100, Deduct	*-27.04*	
08 14 16 00-0165	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	333.97	58.52
		For >50 To 100, Deduct	*-19.62*	
		For >100, Deduct	*-27.97*	
08 14 16 00-0166	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	365.79	58.52
		For >50 To 100, Deduct	*-21.22*	
		For >100, Deduct	*-30.36*	
08 14 16 00-0167	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	435.24	60.95
		For >50 To 100, Deduct	*-24.81*	
		For >100, Deduct	*-35.69*	
08 14 16 00-0168	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	450.92	60.95
		For >50 To 100, Deduct	*-25.59*	
		For >100, Deduct	*-36.87*	
08 14 16 00-0169	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	482.27	60.95
		For >50 To 100, Deduct	*-27.16*	
		For >100, Deduct	*-39.22*	
08 14 16 00-0170	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	313.51	53.64
		For >50 To 100, Deduct	*-18.36*	
		For >100, Deduct	*-26.20*	
08 14 16 00-0171	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	313.51	53.64
		For >50 To 100, Deduct	*-18.36*	
		For >100, Deduct	*-26.20*	
08 14 16 00-0172	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	326.13	56.08
		For >50 To 100, Deduct	*-19.11*	
		For >100, Deduct	*-27.26*	
08 14 16 00-0173	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	329.04	56.08
		For >50 To 100, Deduct	*-19.26*	
		For >100, Deduct	*-27.48*	
08 14 16 00-0174	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	335.38	56.08
		For >50 To 100, Deduct	*-19.57*	
		For >100, Deduct	*-27.96*	
08 14 16 00-0175	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	346.59	58.52
		For >50 To 100, Deduct	*-20.26*	
		For >100, Deduct	*-28.92*	
08 14 16 00-0176	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	380.26	58.52
		For >50 To 100, Deduct	*-21.94*	
		For >100, Deduct	*-31.45*	
08 14 16 00-0177	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	453.48	60.95
		For >50 To 100, Deduct	*-25.72*	
		For >100, Deduct	*-37.06*	
08 14 16 00-0178	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	470.07	60.95
		For >50 To 100, Deduct	*-26.55*	
		For >100, Deduct	*-38.30*	
08 14 16 00-0179	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	503.24	60.95
		For >50 To 100, Deduct	*-28.21*	
		For >100, Deduct	*-40.79*	
08 14 16 00-0180	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	353.71	53.64
		For >50 To 100, Deduct	*-20.37*	
		For >100, Deduct	*-29.21*	
		For 9' Door Height, Add	*51.75*	
08 14 16 00-0181	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	353.73	53.64
		For >50 To 100, Deduct	*-20.37*	
		For >100, Deduct	*-29.21*	
		For 9' Door Height, Add	*51.75*	
08 14 16 00-0182	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	367.86	56.08
		For >50 To 100, Deduct	*-21.20*	
		For >100, Deduct	*-30.39*	
		For 9' Door Height, Add	*53.70*	
08 14 16 00-0183	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	371.32	56.08
		For >50 To 100, Deduct	*-21.37*	
		For >100, Deduct	*-30.65*	
		For 9' Door Height, Add	*54.43*	
08 14 16 00-0184	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	378.91	56.08
		For >50 To 100, Deduct	*-21.75*	
		For >100, Deduct	*-31.22*	
		For 9' Door Height, Add	*56.02*	
08 14 16 00-0185	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	391.36	58.52
		For >50 To 100, Deduct	*-22.49*	
		For >100, Deduct	*-32.28*	
		For 9' Door Height, Add	*57.61*	
08 14 16 00-0186	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	431.61	58.52
		For >50 To 100, Deduct	*-24.51*	
		For >100, Deduct	*-35.30*	
		For 9' Door Height, Add	*66.06*	
08 14 16 00-0187	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	518.13	60.95
		For >50 To 100, Deduct	*-28.95*	
		For >100, Deduct	*-41.91*	
		For 9' Door Height, Add	*83.21*	
08 14 16 00-0188	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	537.97	60.95
		For >50 To 100, Deduct	*-29.95*	
		For >100, Deduct	*-43.40*	
		For 9' Door Height, Add	*87.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0189	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	577.61	60.95
		For >50 To 100, Deduct	*-31.93*	
		For >100, Deduct	*-46.37*	
		For 9' Door Height, Add	*95.70*	

08 14 16 00-0190 Maple Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0191	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	341.14	53.64
		For >50 To 100, Deduct	*-19.74*	
		For >100, Deduct	*-28.27*	
08 14 16 00-0192	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	341.14	53.64
		For >50 To 100, Deduct	*-19.74*	
		For >100, Deduct	*-28.27*	
08 14 16 00-0193	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	354.81	56.08
		For >50 To 100, Deduct	*-20.54*	
		For >100, Deduct	*-29.41*	
08 14 16 00-0194	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	358.24	56.08
		For >50 To 100, Deduct	*-20.72*	
		For >100, Deduct	*-29.67*	
08 14 16 00-0195	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	365.37	56.08
		For >50 To 100, Deduct	*-21.07*	
		For >100, Deduct	*-30.21*	
08 14 16 00-0196	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	377.35	58.52
		For >50 To 100, Deduct	*-21.79*	
		For >100, Deduct	*-31.23*	
08 14 16 00-0197	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	415.54	58.52
		For >50 To 100, Deduct	*-23.70*	
		For >100, Deduct	*-34.09*	
08 14 16 00-0198	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	479.21	60.95
		For >50 To 100, Deduct	*-27.01*	
		For >100, Deduct	*-38.99*	
08 14 16 00-0199	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	516.71	60.95
		For >50 To 100, Deduct	*-28.88*	
		For >100, Deduct	*-41.80*	
08 14 16 00-0200	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	554.34	60.95
		For >50 To 100, Deduct	*-30.76*	
		For >100, Deduct	*-44.62*	
08 14 16 00-0201	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	354.76	53.64
		For >50 To 100, Deduct	*-20.42*	
		For >100, Deduct	*-29.29*	
08 14 16 00-0202	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	354.76	53.64
		For >50 To 100, Deduct	*-20.42*	
		For >100, Deduct	*-29.29*	
08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	368.92	56.08
		For >50 To 100, Deduct	*-21.25*	
		For >100, Deduct	*-30.47*	
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	372.57	56.08
		For >50 To 100, Deduct	*-21.43*	
		For >100, Deduct	*-30.75*	
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	380.09	56.08
		For >50 To 100, Deduct	*-21.81*	
		For >100, Deduct	*-31.31*	
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	392.49	58.52
		For >50 To 100, Deduct	*-22.55*	
		For >100, Deduct	*-32.36*	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	432.91	58.52
		For >50 To 100, Deduct	*-24.57*	
		For >100, Deduct	*-35.39*	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	499.91	60.95
		For >50 To 100, Deduct	*-28.04*	
		For >100, Deduct	*-40.54*	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	539.71	60.95
		For >50 To 100, Deduct	*-30.03*	
		For >100, Deduct	*-43.53*	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	579.50	60.95
		For >50 To 100, Deduct	*-32.02*	
		For >100, Deduct	*-46.51*	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	403.02	53.64
		For >50 To 100, Deduct	*-22.83*	
		For >100, Deduct	*-32.91*	
		For 9' Door Height, Add	*62.11*	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	403.02	53.64
		For >50 To 100, Deduct	*-22.83*	
		For >100, Deduct	*-32.91*	
		For 9' Door Height, Add	*62.11*	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	418.99	56.08
		For >50 To 100, Deduct	*-23.75*	
		For >100, Deduct	*-34.23*	
		For 9' Door Height, Add	*64.44*	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	423.35	56.08
		For >50 To 100, Deduct	*-23.97*	
		For >100, Deduct	*-34.56*	
		For 9' Door Height, Add	*65.35*	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	432.31	56.08
		For >50 To 100, Deduct	*-24.42*	
		For >100, Deduct	*-35.23*	
		For 9' Door Height, Add	*67.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	446.21	58.52
		For >50 To 100, Deduct	*-25.24*	
		For >100, Deduct	*-36.39*	
		For 9' Door Height, Add	*69.13*	
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	494.49	58.52
		For >50 To 100, Deduct	*-27.65*	
		For >100, Deduct	*-40.01*	
		For 9' Door Height, Add	*79.27*	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	573.64	60.95
		For >50 To 100, Deduct	*-31.73*	
		For >100, Deduct	*-46.07*	
		For 9' Door Height, Add	*94.86*	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	621.19	60.95
		For >50 To 100, Deduct	*-34.11*	
		For >100, Deduct	*-49.64*	
		For 9' Door Height, Add	*104.85*	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	668.76	60.95
		For >50 To 100, Deduct	*-36.49*	
		For >100, Deduct	*-53.20*	
		For 9' Door Height, Add	*114.84*	

08 14 16 00-0221 Walnut Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0222	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	371.30	53.64
		For >50 To 100, Deduct	*-21.25*	
		For >100, Deduct	*-30.53*	
08 14 16 00-0223	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	371.30	53.64
		For >50 To 100, Deduct	*-21.25*	
		For >100, Deduct	*-30.53*	
08 14 16 00-0224	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	378.01	56.08
		For >50 To 100, Deduct	*-21.70*	
		For >100, Deduct	*-31.15*	
08 14 16 00-0225	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	389.71	56.08
		For >50 To 100, Deduct	*-22.29*	
		For >100, Deduct	*-32.03*	
08 14 16 00-0226	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	391.50	56.08
		For >50 To 100, Deduct	*-22.38*	
		For >100, Deduct	*-32.17*	
08 14 16 00-0227	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	398.17	58.52
		For >50 To 100, Deduct	*-22.83*	
		For >100, Deduct	*-32.79*	
08 14 16 00-0228	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	429.55	58.52
		For >50 To 100, Deduct	*-24.40*	
		For >100, Deduct	*-35.14*	
08 14 16 00-0229	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	515.44	60.95
		For >50 To 100, Deduct	*-28.82*	
		For >100, Deduct	*-41.71*	
08 14 16 00-0230	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	535.11	60.95
		For >50 To 100, Deduct	*-29.80*	
		For >100, Deduct	*-43.18*	
08 14 16 00-0231	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	574.50	60.95
		For >50 To 100, Deduct	*-31.77*	
		For >100, Deduct	*-46.14*	
08 14 16 00-0232	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	386.66	53.64
		For >50 To 100, Deduct	*-22.02*	
		For >100, Deduct	*-31.68*	
08 14 16 00-0233	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	386.66	53.64
		For >50 To 100, Deduct	*-22.02*	
		For >100, Deduct	*-31.68*	
08 14 16 00-0234	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	393.49	56.08
		For >50 To 100, Deduct	*-22.48*	
		For >100, Deduct	*-32.32*	
08 14 16 00-0235	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	405.86	56.08
		For >50 To 100, Deduct	*-23.10*	
		For >100, Deduct	*-33.24*	
08 14 16 00-0236	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	407.77	56.08
		For >50 To 100, Deduct	*-23.19*	
		For >100, Deduct	*-33.39*	
08 14 16 00-0237	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	414.53	58.52
		For >50 To 100, Deduct	*-23.65*	
		For >100, Deduct	*-34.02*	
08 14 16 00-0238	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	447.73	58.52
		For >50 To 100, Deduct	*-25.31*	
		For >100, Deduct	*-36.51*	
08 14 16 00-0239	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	538.34	60.95
		For >50 To 100, Deduct	*-29.96*	
		For >100, Deduct	*-43.42*	
08 14 16 00-0240	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	559.16	60.95
		For >50 To 100, Deduct	*-31.01*	
		For >100, Deduct	*-44.98*	
08 14 16 00-0241	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	600.83	60.95
		For >50 To 100, Deduct	*-33.09*	
		For >100, Deduct	*-48.11*	
08 14 16 00-0242	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	441.14	53.64
		For >50 To 100, Deduct	*-24.74*	
		For >100, Deduct	*-35.77*	
		For 9' Door Height, Add	*70.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0243	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	441.14	53.64
		For >50 To 100, Deduct	*-24.74*	
		For >100, Deduct	*-35.77*	
		For 9' Door Height, Add	*70.11*	
08 14 16 00-0244	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	448.36	56.08
		For >50 To 100, Deduct	*-25.22*	
		For >100, Deduct	*-36.43*	
		For 9' Door Height, Add	*70.60*	
08 14 16 00-0245	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	463.13	56.08
		For >50 To 100, Deduct	*-25.96*	
		For >100, Deduct	*-37.54*	
		For 9' Door Height, Add	*73.71*	
08 14 16 00-0246	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	465.41	56.08
		For >50 To 100, Deduct	*-26.07*	
		For >100, Deduct	*-37.71*	
		For 9' Door Height, Add	*74.18*	
08 14 16 00-0247	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	472.54	58.52
		For >50 To 100, Deduct	*-26.55*	
		For >100, Deduct	*-38.37*	
		For 9' Door Height, Add	*74.66*	
08 14 16 00-0248	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	512.22	58.52
		For >50 To 100, Deduct	*-28.54*	
		For >100, Deduct	*-41.34*	
		For 9' Door Height, Add	*82.99*	
08 14 16 00-0249	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	619.55	60.95
		For >50 To 100, Deduct	*-34.03*	
		For >100, Deduct	*-49.51*	
		For 9' Door Height, Add	*104.50*	
08 14 16 00-0250	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	644.43	60.95
		For >50 To 100, Deduct	*-35.27*	
		For >100, Deduct	*-51.38*	
		For 9' Door Height, Add	*109.73*	
08 14 16 00-0251	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	694.21	60.95
		For >50 To 100, Deduct	*-37.76*	
		For >100, Deduct	*-55.11*	
		For 9' Door Height, Add	*120.18*	

08 14 16 00-0252 Lauan Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0253	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	219.84	53.64
		For >50 To 100, Deduct	*-13.67*	
		For >100, Deduct	*-19.17*	
08 14 16 00-0254	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	219.84	53.64
		For >50 To 100, Deduct	*-13.67*	
		For >100, Deduct	*-19.17*	
08 14 16 00-0255	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	232.45	56.08
		For >50 To 100, Deduct	*-14.43*	
		For >100, Deduct	*-20.24*	
08 14 16 00-0256	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	238.75	56.08
		For >50 To 100, Deduct	*-14.74*	
		For >100, Deduct	*-20.71*	
08 14 16 00-0257	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	239.99	56.08
		For >50 To 100, Deduct	*-14.80*	
		For >100, Deduct	*-20.80*	
08 14 16 00-0258	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	246.12	58.52
		For >50 To 100, Deduct	*-15.23*	
		For >100, Deduct	*-21.38*	
08 14 16 00-0259	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	260.31	58.52
		For >50 To 100, Deduct	*-15.94*	
		For >100, Deduct	*-22.45*	
08 14 16 00-0260	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	283.49	60.95
		For >50 To 100, Deduct	*-17.22*	
		For >100, Deduct	*-24.31*	
08 14 16 00-0261	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	291.54	60.95
		For >50 To 100, Deduct	*-17.62*	
		For >100, Deduct	*-24.91*	
08 14 16 00-0262	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	307.71	60.95
		For >50 To 100, Deduct	*-18.43*	
		For >100, Deduct	*-26.13*	
08 14 16 00-0263	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	226.38	53.64
		For >50 To 100, Deduct	*-14.00*	
		For >100, Deduct	*-19.66*	
08 14 16 00-0264	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	226.38	53.64
		For >50 To 100, Deduct	*-14.00*	
		For >100, Deduct	*-19.66*	
08 14 16 00-0265	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	239.46	56.08
		For >50 To 100, Deduct	*-14.78*	
		For >100, Deduct	*-20.76*	
08 14 16 00-0266	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	246.12	56.08
		For >50 To 100, Deduct	*-15.11*	
		For >100, Deduct	*-21.26*	
08 14 16 00-0267	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	247.44	56.08
		For >50 To 100, Deduct	*-15.18*	
		For >100, Deduct	*-21.36*	
08 14 16 00-0268	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	253.63	58.52
		For >50 To 100, Deduct	*-15.61*	
		For >100, Deduct	*-21.95*	
08 14 16 00-0269	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	268.65	58.52
		For >50 To 100, Deduct	*-16.36*	
		For >100, Deduct	*-23.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0270	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	292.88	60.95
		For >50 To 100, Deduct	*-17.69*	
		For >100, Deduct	*-25.01*	
08 14 16 00-0271	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	301.42	60.95
		For >50 To 100, Deduct	*-18.12*	
		For >100, Deduct	*-25.65*	
08 14 16 00-0272	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	318.51	60.95
		For >50 To 100, Deduct	*-18.97*	
		For >100, Deduct	*-26.94*	
08 14 16 00-0273	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	249.60	53.64
		For >50 To 100, Deduct	*-15.16*	
		For >100, Deduct	*-21.40*	
		For 9' Door Height, Add	*29.89*	
08 14 16 00-0274	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	249.60	53.64
		For >50 To 100, Deduct	*-15.16*	
		For >100, Deduct	*-21.40*	
		For 9' Door Height, Add	*29.89*	
08 14 16 00-0275	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	264.27	56.08
		For >50 To 100, Deduct	*-16.02*	
		For >100, Deduct	*-22.62*	
		For 9' Door Height, Add	*31.95*	
08 14 16 00-0276	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	272.23	56.08
		For >50 To 100, Deduct	*-16.42*	
		For >100, Deduct	*-23.22*	
		For 9' Door Height, Add	*33.62*	
08 14 16 00-0277	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	273.82	56.08
		For >50 To 100, Deduct	*-16.49*	
		For >100, Deduct	*-23.34*	
		For 9' Door Height, Add	*33.95*	
08 14 16 00-0278	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	280.27	58.52
		For >50 To 100, Deduct	*-16.94*	
		For >100, Deduct	*-23.95*	
		For 9' Door Height, Add	*34.28*	
08 14 16 00-0279	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	298.23	58.52
		For >50 To 100, Deduct	*-17.84*	
		For >100, Deduct	*-25.29*	
		For 9' Door Height, Add	*38.05*	
08 14 16 00-0280	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	326.21	60.95
		For >50 To 100, Deduct	*-19.36*	
		For >100, Deduct	*-27.51*	
		For 9' Door Height, Add	*42.90*	
08 14 16 00-0281	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	336.42	60.95
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-28.28*	
		For 9' Door Height, Add	*45.05*	
08 14 16 00-0282	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	356.85	60.95
		For >50 To 100, Deduct	*-20.89*	
		For >100, Deduct	*-29.81*	
		For 9' Door Height, Add	*49.34*	

08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0284	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	220.65	53.64
		For >50 To 100, Deduct	*-13.71*	
		For >100, Deduct	*-19.23*	
08 14 16 00-0285	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	220.67	53.64
		For >50 To 100, Deduct	*-13.72*	
		For >100, Deduct	*-19.23*	
08 14 16 00-0286	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	228.68	56.08
		For >50 To 100, Deduct	*-14.24*	
		For >100, Deduct	*-19.95*	
08 14 16 00-0287	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	235.00	56.08
		For >50 To 100, Deduct	*-14.55*	
		For >100, Deduct	*-20.43*	
08 14 16 00-0288	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	238.16	56.08
		For >50 To 100, Deduct	*-14.71*	
		For >100, Deduct	*-20.67*	
08 14 16 00-0289	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	246.15	58.52
		For >50 To 100, Deduct	*-15.23*	
		For >100, Deduct	*-21.39*	
08 14 16 00-0290	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	253.35	58.52
		For >50 To 100, Deduct	*-15.59*	
		For >100, Deduct	*-21.93*	
08 14 16 00-0291	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	281.65	60.95
		For >50 To 100, Deduct	*-17.13*	
		For >100, Deduct	*-24.17*	
08 14 16 00-0292	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	289.63	60.95
		For >50 To 100, Deduct	*-17.53*	
		For >100, Deduct	*-24.77*	
08 14 16 00-0293	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	305.63	60.95
		For >50 To 100, Deduct	*-18.33*	
		For >100, Deduct	*-25.97*	
08 14 16 00-0294	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	227.26	53.64
		For >50 To 100, Deduct	*-14.05*	
		For >100, Deduct	*-19.73*	
08 14 16 00-0295	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	227.26	53.64
		For >50 To 100, Deduct	*-14.05*	
		For >100, Deduct	*-19.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0296	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	235.45	56.08
		For >50 To 100, Deduct	*-14.58*	
		For >100, Deduct	*-20.46*	
08 14 16 00-0297	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	242.14	56.08
		For >50 To 100, Deduct	*-14.91*	
		For >100, Deduct	*-20.96*	
08 14 16 00-0298	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	245.48	56.08
		For >50 To 100, Deduct	*-15.08*	
		For >100, Deduct	*-21.21*	
08 14 16 00-0299	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	253.67	58.52
		For >50 To 100, Deduct	*-15.61*	
		For >100, Deduct	*-21.95*	
08 14 16 00-0300	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	261.29	58.52
		For >50 To 100, Deduct	*-15.99*	
		For >100, Deduct	*-22.52*	
08 14 16 00-0301	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	290.96	60.95
		For >50 To 100, Deduct	*-17.60*	
		For >100, Deduct	*-24.87*	
08 14 16 00-0302	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	299.41	60.95
		For >50 To 100, Deduct	*-18.02*	
		For >100, Deduct	*-25.50*	
08 14 16 00-0303	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	316.31	60.95
		For >50 To 100, Deduct	*-18.86*	
		For >100, Deduct	*-26.77*	
08 14 16 00-0304	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	250.66	53.64
		For >50 To 100, Deduct	*-15.22*	
		For >100, Deduct	*-21.48*	
		For 9' Door Height, Add	*30.11*	
08 14 16 00-0305	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	250.66	53.64
		For >50 To 100, Deduct	*-15.22*	
		For >100, Deduct	*-21.48*	
		For 9' Door Height, Add	*30.11*	
08 14 16 00-0306	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	259.49	56.08
		For >50 To 100, Deduct	*-15.78*	
		For >100, Deduct	*-22.27*	
		For 9' Door Height, Add	*30.94*	
08 14 16 00-0307	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	267.48	56.08
		For >50 To 100, Deduct	*-16.18*	
		For >100, Deduct	*-22.86*	
		For 9' Door Height, Add	*32.62*	
08 14 16 00-0308	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	271.47	56.08
		For >50 To 100, Deduct	*-16.38*	
		For >100, Deduct	*-23.16*	
		For 9' Door Height, Add	*33.46*	
08 14 16 00-0309	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	280.32	58.52
		For >50 To 100, Deduct	*-16.94*	
		For >100, Deduct	*-23.95*	
		For 9' Door Height, Add	*34.29*	
08 14 16 00-0310	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	289.43	58.52
		For >50 To 100, Deduct	*-17.40*	
		For >100, Deduct	*-24.63*	
		For 9' Door Height, Add	*36.20*	
08 14 16 00-0311	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	323.93	60.95
		For >50 To 100, Deduct	*-19.24*	
		For >100, Deduct	*-27.34*	
		For 9' Door Height, Add	*42.42*	
08 14 16 00-0312	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	334.02	60.95
		For >50 To 100, Deduct	*-19.75*	
		For >100, Deduct	*-28.10*	
		For 9' Door Height, Add	*44.54*	
08 14 16 00-0313	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	354.23	60.95
		For >50 To 100, Deduct	*-20.76*	
		For >100, Deduct	*-29.62*	
		For 9' Door Height, Add	*48.79*	

08 14 16 00-0314 1-3/8" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0315 Birch Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0316	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	258.15	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.02*	
		For Stave Lumber Core (SLC), Add	*113.15*	
		For Structural Composite Lumber Core (SCLC), Add	*67.89*	
		For >50 To 100, Deduct	*-15.59*	
		For >100, Deduct	*-22.04*	
08 14 16 00-0317	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	258.18	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.02*	
		For Stave Lumber Core (SLC), Add	*113.18*	
		For Structural Composite Lumber Core (SCLC), Add	*67.91*	
		For >50 To 100, Deduct	*-15.59*	
		For >100, Deduct	*-22.05*	
08 14 16 00-0318	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	270.96	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.18*	
		For Stave Lumber Core (SLC), Add	*119.11*	
		For Structural Composite Lumber Core (SCLC), Add	*71.46*	
		For >50 To 100, Deduct	*-16.35*	
		For >100, Deduct	*-23.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0319	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	278.87	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.33*	
		For Stave Lumber Core (SLC), Add	*125.04*	
		For Structural Composite Lumber Core (SCLC), Add	*75.02*	
		For >50 To 100, Deduct	*-16.75*	
		For >100, Deduct	*-23.72*	
08 14 16 00-0320	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	283.70	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.43*	
		For Stave Lumber Core (SLC), Add	*128.66*	
		For Structural Composite Lumber Core (SCLC), Add	*77.20*	
		For >50 To 100, Deduct	*-16.99*	
		For >100, Deduct	*-24.08*	
08 14 16 00-0321	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	293.43	58.52
		For 7 Ply Cold Press Construction, Deduct	*-3.53*	
		For Stave Lumber Core (SLC), Add	*132.30*	
		For Structural Composite Lumber Core (SCLC), Add	*79.38*	
		For >50 To 100, Deduct	*-17.60*	
		For >100, Deduct	*-24.93*	
08 14 16 00-0322	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	312.78	58.52
		For 7 Ply Cold Press Construction, Deduct	*-3.92*	
		For Stave Lumber Core (SLC), Add	*146.81*	
		For Structural Composite Lumber Core (SCLC), Add	*88.09*	
		For >50 To 100, Deduct	*-18.56*	
		For >100, Deduct	*-26.38*	
08 14 16 00-0323	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	330.17	60.95
		For 7 Ply Cold Press Construction, Deduct	*-4.17*	
		For Stave Lumber Core (SLC), Add	*156.20*	
		For Structural Composite Lumber Core (SCLC), Add	*93.72*	
		For >50 To 100, Deduct	*-19.56*	
		For >100, Deduct	*-27.81*	
08 14 16 00-0324	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	266.94	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.19*	
		For Stave Lumber Core (SLC), Add	*119.75*	
		For Structural Composite Lumber Core (SCLC), Add	*71.85*	
		For >50 To 100, Deduct	*-16.03*	
		For >100, Deduct	*-22.70*	
08 14 16 00-0325	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	266.94	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.19*	
		For Stave Lumber Core (SLC), Add	*119.75*	
		For Structural Composite Lumber Core (SCLC), Add	*71.85*	
		For >50 To 100, Deduct	*-16.03*	
		For >100, Deduct	*-22.70*	
08 14 16 00-0326	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	280.20	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.36*	
		For Stave Lumber Core (SLC), Add	*126.04*	
		For Structural Composite Lumber Core (SCLC), Add	*75.62*	
		For >50 To 100, Deduct	*-16.81*	
		For >100, Deduct	*-23.82*	
08 14 16 00-0327	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	288.58	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.53*	
		For Stave Lumber Core (SLC), Add	*132.32*	
		For Structural Composite Lumber Core (SCLC), Add	*79.39*	
		For >50 To 100, Deduct	*-17.23*	
		For >100, Deduct	*-24.45*	
08 14 16 00-0328	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	293.69	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.63*	
		For Stave Lumber Core (SLC), Add	*136.16*	
		For Structural Composite Lumber Core (SCLC), Add	*81.69*	
		For >50 To 100, Deduct	*-17.49*	
		For >100, Deduct	*-24.83*	
08 14 16 00-0329	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	303.69	58.52
		For 7 Ply Cold Press Construction, Deduct	*-3.73*	
		For Stave Lumber Core (SLC), Add	*140.00*	
		For Structural Composite Lumber Core (SCLC), Add	*84.00*	
		For >50 To 100, Deduct	*-18.11*	
		For >100, Deduct	*-25.70*	
08 14 16 00-0330	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	324.17	58.52
		For 7 Ply Cold Press Construction, Deduct	*-4.14*	
		For Stave Lumber Core (SLC), Add	*155.36*	
		For Structural Composite Lumber Core (SCLC), Add	*93.21*	
		For >50 To 100, Deduct	*-19.13*	
		For >100, Deduct	*-27.24*	
08 14 16 00-0331	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	342.30	60.95
		For 7 Ply Cold Press Construction, Deduct	*-4.41*	
		For Stave Lumber Core (SLC), Add	*165.29*	
		For Structural Composite Lumber Core (SCLC), Add	*99.18*	
		For >50 To 100, Deduct	*-20.16*	
		For >100, Deduct	*-28.72*	
08 14 16 00-0332	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	298.08	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.82*	
		For Stave Lumber Core (SLC), Add	*143.10*	
		For Structural Composite Lumber Core (SCLC), Add	*85.86*	
		For >50 To 100, Deduct	*-17.59*	
		For >100, Deduct	*-25.04*	
		For 9' Door Height, Add	*40.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0333	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	298.08	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.82*	
		For Stave Lumber Core (SLC), Add	*143.10*	
		For Structural Composite Lumber Core (SCLC), Add	*85.86*	
		For >50 To 100, Deduct	*-17.59*	
		For >100, Deduct	*-25.04*	
		For 9' Door Height, Add	*40.07*	
08 14 16 00-0334	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	312.97	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.02*	
		For Stave Lumber Core (SLC), Add	*150.62*	
		For Structural Composite Lumber Core (SCLC), Add	*90.37*	
		For >50 To 100, Deduct	*-18.45*	
		For >100, Deduct	*-26.28*	
		For 9' Door Height, Add	*42.17*	
08 14 16 00-0335	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	322.99	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.22*	
		For Stave Lumber Core (SLC), Add	*158.13*	
		For Structural Composite Lumber Core (SCLC), Add	*94.88*	
		For >50 To 100, Deduct	*-18.95*	
		For >100, Deduct	*-27.03*	
		For 9' Door Height, Add	*44.28*	
08 14 16 00-0336	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	329.09	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.34*	
		For Stave Lumber Core (SLC), Add	*162.71*	
		For Structural Composite Lumber Core (SCLC), Add	*97.62*	
		For >50 To 100, Deduct	*-19.26*	
		For >100, Deduct	*-27.49*	
		For 9' Door Height, Add	*45.56*	
08 14 16 00-0337	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	340.09	58.52
		For 7 Ply Cold Press Construction, Deduct	*-4.46*	
		For Stave Lumber Core (SLC), Add	*167.30*	
		For Structural Composite Lumber Core (SCLC), Add	*100.38*	
		For >50 To 100, Deduct	*-19.93*	
		For >100, Deduct	*-28.43*	
		For 9' Door Height, Add	*46.84*	
08 14 16 00-0338	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	364.56	58.52
		For 7 Ply Cold Press Construction, Deduct	*-4.95*	
		For Stave Lumber Core (SLC), Add	*185.65*	
		For Structural Composite Lumber Core (SCLC), Add	*111.39*	
		For >50 To 100, Deduct	*-21.15*	
		For >100, Deduct	*-30.27*	
		For 9' Door Height, Add	*51.98*	
08 14 16 00-0339	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	385.27	60.95
		For 7 Ply Cold Press Construction, Deduct	*-5.27*	
		For Stave Lumber Core (SLC), Add	*197.52*	
		For Structural Composite Lumber Core (SCLC), Add	*118.51*	
		For >50 To 100, Deduct	*-22.31*	
		For >100, Deduct	*-31.94*	
		For 9' Door Height, Add	*55.31*	

08 14 16 00-0340 Oak Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0341	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	293.45	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.72*	
		For Stave Lumber Core (SLC), Add	*139.63*	
		For Structural Composite Lumber Core (SCLC), Add	*83.78*	
		For >50 To 100, Deduct	*-17.35*	
		For >100, Deduct	*-24.69*	
08 14 16 00-0342	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	293.45	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.72*	
		For Stave Lumber Core (SLC), Add	*139.63*	
		For Structural Composite Lumber Core (SCLC), Add	*83.78*	
		For >50 To 100, Deduct	*-17.35*	
		For >100, Deduct	*-24.69*	
08 14 16 00-0343	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	308.12	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.92*	
		For Stave Lumber Core (SLC), Add	*146.98*	
		For Structural Composite Lumber Core (SCLC), Add	*88.19*	
		For >50 To 100, Deduct	*-18.21*	
		For >100, Deduct	*-25.91*	
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	317.89	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.11*	
		For Stave Lumber Core (SLC), Add	*154.31*	
		For Structural Composite Lumber Core (SCLC), Add	*92.58*	
		For >50 To 100, Deduct	*-18.70*	
		For >100, Deduct	*-26.65*	
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	323.84	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.23*	
		For Stave Lumber Core (SLC), Add	*158.77*	
		For Structural Composite Lumber Core (SCLC), Add	*95.26*	
		For >50 To 100, Deduct	*-19.00*	
		For >100, Deduct	*-27.09*	
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	334.70	58.52
		For 7 Ply Cold Press Construction, Deduct	*-4.35*	
		For Stave Lumber Core (SLC), Add	*163.25*	
		For Structural Composite Lumber Core (SCLC), Add	*97.95*	
		For >50 To 100, Deduct	*-19.66*	
		For >100, Deduct	*-28.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	358.59	58.52
		For 7 Ply Cold Press Construction, Deduct	*-4.83*	
		For Stave Lumber Core (SLC), Add	*181.17*	
		For Structural Composite Lumber Core (SCLC), Add	*108.70*	
		For >50 To 100, Deduct	*-20.86*	
		For >100, Deduct	*-29.82*	
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	378.90	60.95
		For 7 Ply Cold Press Construction, Deduct	*-5.14*	
		For Stave Lumber Core (SLC), Add	*192.74*	
		For Structural Composite Lumber Core (SCLC), Add	*115.65*	
		For >50 To 100, Deduct	*-21.99*	
		For >100, Deduct	*-31.47*	
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	304.28	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.94*	
		For Stave Lumber Core (SLC), Add	*147.75*	
		For Structural Composite Lumber Core (SCLC), Add	*88.65*	
		For >50 To 100, Deduct	*-17.90*	
		For >100, Deduct	*-25.50*	
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	304.28	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.94*	
		For Stave Lumber Core (SLC), Add	*147.75*	
		For Structural Composite Lumber Core (SCLC), Add	*88.65*	
		For >50 To 100, Deduct	*-17.90*	
		For >100, Deduct	*-25.50*	
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	319.53	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.15*	
		For Stave Lumber Core (SLC), Add	*155.54*	
		For Structural Composite Lumber Core (SCLC), Add	*93.32*	
		For >50 To 100, Deduct	*-18.78*	
		For >100, Deduct	*-26.77*	
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	329.87	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.35*	
		For Stave Lumber Core (SLC), Add	*163.29*	
		For Structural Composite Lumber Core (SCLC), Add	*97.97*	
		For >50 To 100, Deduct	*-19.30*	
		For >100, Deduct	*-27.54*	
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	336.17	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.48*	
		For Stave Lumber Core (SLC), Add	*168.02*	
		For Structural Composite Lumber Core (SCLC), Add	*100.81*	
		For >50 To 100, Deduct	*-19.61*	
		For >100, Deduct	*-28.02*	
08 14 16 00-0354	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	347.37	58.52
		For 7 Ply Cold Press Construction, Deduct	*-4.61*	
		For Stave Lumber Core (SLC), Add	*172.76*	
		For Structural Composite Lumber Core (SCLC), Add	*103.65*	
		For >50 To 100, Deduct	*-20.29*	
		For >100, Deduct	*-28.98*	
08 14 16 00-0355	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	372.65	58.52
		For 7 Ply Cold Press Construction, Deduct	*-5.11*	
		For Stave Lumber Core (SLC), Add	*191.72*	
		For Structural Composite Lumber Core (SCLC), Add	*115.03*	
		For >50 To 100, Deduct	*-21.56*	
		For >100, Deduct	*-30.87*	
08 14 16 00-0356	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	393.86	60.95
		For 7 Ply Cold Press Construction, Deduct	*-5.44*	
		For Stave Lumber Core (SLC), Add	*203.96*	
		For Structural Composite Lumber Core (SCLC), Add	*122.38*	
		For >50 To 100, Deduct	*-22.74*	
		For >100, Deduct	*-32.59*	
08 14 16 00-0357	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	342.69	53.64
		For 7 Ply Cold Press Construction, Deduct	*-4.71*	
		For Stave Lumber Core (SLC), Add	*176.56*	
		For Structural Composite Lumber Core (SCLC), Add	*105.93*	
		For >50 To 100, Deduct	*-19.82*	
		For >100, Deduct	*-28.38*	
		For 9' Door Height, Add	*49.44*	
08 14 16 00-0358	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	342.69	53.64
		For 7 Ply Cold Press Construction, Deduct	*-4.71*	
		For Stave Lumber Core (SLC), Add	*176.56*	
		For Structural Composite Lumber Core (SCLC), Add	*105.93*	
		For >50 To 100, Deduct	*-19.82*	
		For >100, Deduct	*-28.38*	
		For 9' Door Height, Add	*49.44*	
08 14 16 00-0359	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	359.98	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.96*	
		For Stave Lumber Core (SLC), Add	*185.87*	
		For Structural Composite Lumber Core (SCLC), Add	*111.52*	
		For >50 To 100, Deduct	*-20.80*	
		For >100, Deduct	*-29.80*	
		For 9' Door Height, Add	*52.04*	
08 14 16 00-0360	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	372.32	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.20*	
		For Stave Lumber Core (SLC), Add	*195.13*	
		For Structural Composite Lumber Core (SCLC), Add	*117.08*	
		For >50 To 100, Deduct	*-21.42*	
		For >100, Deduct	*-30.73*	
		For 9' Door Height, Add	*54.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0361	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	379.84	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.35*	
		For Stave Lumber Core (SLC), Add	*200.77*	
		For Structural Composite Lumber Core (SCLC), Add	*120.46*	
		For >50 To 100, Deduct	*-21.80*	
		For >100, Deduct	*-31.29*	
		For 9' Door Height, Add	*56.21*	
08 14 16 00-0362	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	392.29	58.52
		For 7 Ply Cold Press Construction, Deduct	*-5.51*	
		For Stave Lumber Core (SLC), Add	*206.45*	
		For Structural Composite Lumber Core (SCLC), Add	*123.87*	
		For >50 To 100, Deduct	*-22.54*	
		For >100, Deduct	*-32.35*	
		For 9' Door Height, Add	*57.80*	
08 14 16 00-0363	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	422.50	58.52
		For 7 Ply Cold Press Construction, Deduct	*-6.11*	
		For Stave Lumber Core (SLC), Add	*229.10*	
		For Structural Composite Lumber Core (SCLC), Add	*137.46*	
		For >50 To 100, Deduct	*-24.05*	
		For >100, Deduct	*-34.61*	
		For 9' Door Height, Add	*64.15*	
08 14 16 00-0364	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	446.90	60.95
		For 7 Ply Cold Press Construction, Deduct	*-6.50*	
		For Stave Lumber Core (SLC), Add	*243.74*	
		For Structural Composite Lumber Core (SCLC), Add	*146.25*	
		For >50 To 100, Deduct	*-25.39*	
		For >100, Deduct	*-36.57*	
		For 9' Door Height, Add	*68.25*	

08 14 16 00-0365 Maple Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0366	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	330.68	53.64
		For 7 Ply Cold Press Construction, Deduct	*-4.47*	
		For Stave Lumber Core (SLC), Add	*167.55*	
		For Structural Composite Lumber Core (SCLC), Add	*100.53*	
		For >50 To 100, Deduct	*-19.22*	
		For >100, Deduct	*-27.48*	
08 14 16 00-0367	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	330.68	53.64
		For 7 Ply Cold Press Construction, Deduct	*-4.47*	
		For Stave Lumber Core (SLC), Add	*167.55*	
		For Structural Composite Lumber Core (SCLC), Add	*100.53*	
		For >50 To 100, Deduct	*-19.22*	
		For >100, Deduct	*-27.48*	
08 14 16 00-0368	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	347.31	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.70*	
		For Stave Lumber Core (SLC), Add	*176.37*	
		For Structural Composite Lumber Core (SCLC), Add	*105.82*	
		For >50 To 100, Deduct	*-20.17*	
		For >100, Deduct	*-28.85*	
08 14 16 00-0369	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	359.05	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.94*	
		For Stave Lumber Core (SLC), Add	*185.18*	
		For Structural Composite Lumber Core (SCLC), Add	*111.11*	
		For >50 To 100, Deduct	*-20.76*	
		For >100, Deduct	*-29.73*	
08 14 16 00-0370	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	366.17	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.08*	
		For Stave Lumber Core (SLC), Add	*190.52*	
		For Structural Composite Lumber Core (SCLC), Add	*114.31*	
		For >50 To 100, Deduct	*-21.11*	
		For >100, Deduct	*-30.27*	
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	378.23	58.52
		For 7 Ply Cold Press Construction, Deduct	*-5.22*	
		For Stave Lumber Core (SLC), Add	*195.90*	
		For Structural Composite Lumber Core (SCLC), Add	*117.54*	
		For >50 To 100, Deduct	*-21.84*	
		For >100, Deduct	*-31.29*	
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	406.89	58.52
		For 7 Ply Cold Press Construction, Deduct	*-5.80*	
		For Stave Lumber Core (SLC), Add	*217.40*	
		For Structural Composite Lumber Core (SCLC), Add	*130.44*	
		For >50 To 100, Deduct	*-23.27*	
		For >100, Deduct	*-33.44*	
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	430.29	60.95
		For 7 Ply Cold Press Construction, Deduct	*-6.17*	
		For Stave Lumber Core (SLC), Add	*231.29*	
		For Structural Composite Lumber Core (SCLC), Add	*138.77*	
		For >50 To 100, Deduct	*-24.56*	
		For >100, Deduct	*-35.32*	
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	343.67	53.64
		For 7 Ply Cold Press Construction, Deduct	*-4.73*	
		For Stave Lumber Core (SLC), Add	*177.29*	
		For Structural Composite Lumber Core (SCLC), Add	*106.38*	
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-28.46*	
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	343.67	53.64
		For 7 Ply Cold Press Construction, Deduct	*-4.73*	
		For Stave Lumber Core (SLC), Add	*177.29*	
		For Structural Composite Lumber Core (SCLC), Add	*106.38*	
		For >50 To 100, Deduct	*-19.87*	
		For >100, Deduct	*-28.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	361.00	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.98*	
		For Stave Lumber Core (SLC), Add	*186.64*	
		For Structural Composite Lumber Core (SCLC), Add	*111.98*	
		For >50 To 100, Deduct	*-20.85*	
		For >100, Deduct	*-29.88*	
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	373.42	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.23*	
		For Stave Lumber Core (SLC), Add	*195.95*	
		For Structural Composite Lumber Core (SCLC), Add	*117.57*	
		For >50 To 100, Deduct	*-21.47*	
		For >100, Deduct	*-30.81*	
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	380.97	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.38*	
		For Stave Lumber Core (SLC), Add	*201.62*	
		For Structural Composite Lumber Core (SCLC), Add	*120.97*	
		For >50 To 100, Deduct	*-21.85*	
		For >100, Deduct	*-31.38*	
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	393.44	58.52
		For 7 Ply Cold Press Construction, Deduct	*-5.53*	
		For Stave Lumber Core (SLC), Add	*207.31*	
		For Structural Composite Lumber Core (SCLC), Add	*124.38*	
		For >50 To 100, Deduct	*-22.60*	
		For >100, Deduct	*-32.43*	
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	423.77	58.52
		For 7 Ply Cold Press Construction, Deduct	*-6.13*	
		For Stave Lumber Core (SLC), Add	*230.06*	
		For Structural Composite Lumber Core (SCLC), Add	*138.03*	
		For >50 To 100, Deduct	*-24.11*	
		For >100, Deduct	*-34.71*	
08 14 16 00-0381	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	448.25	60.95
		For 7 Ply Cold Press Construction, Deduct	*-6.53*	
		For Stave Lumber Core (SLC), Add	*244.76*	
		For Structural Composite Lumber Core (SCLC), Add	*146.85*	
		For >50 To 100, Deduct	*-25.46*	
		For >100, Deduct	*-36.67*	
08 14 16 00-0382	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	389.77	53.64
		For 7 Ply Cold Press Construction, Deduct	*-5.65*	
		For Stave Lumber Core (SLC), Add	*211.87*	
		For Structural Composite Lumber Core (SCLC), Add	*127.12*	
		For >50 To 100, Deduct	*-22.17*	
		For >100, Deduct	*-31.91*	
		For 9' Door Height, Add	*59.32*	
08 14 16 00-0383	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	389.77	53.64
		For 7 Ply Cold Press Construction, Deduct	*-5.65*	
		For Stave Lumber Core (SLC), Add	*211.87*	
		For Structural Composite Lumber Core (SCLC), Add	*127.12*	
		For >50 To 100, Deduct	*-22.17*	
		For >100, Deduct	*-31.91*	
		For 9' Door Height, Add	*59.32*	
08 14 16 00-0384	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	409.53	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.95*	
		For Stave Lumber Core (SLC), Add	*223.04*	
		For Structural Composite Lumber Core (SCLC), Add	*133.82*	
		For >50 To 100, Deduct	*-23.28*	
		For >100, Deduct	*-33.52*	
		For 9' Door Height, Add	*62.45*	
08 14 16 00-0385	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	424.35	56.08
		For 7 Ply Cold Press Construction, Deduct	*-6.24*	
		For Stave Lumber Core (SLC), Add	*234.15*	
		For Structural Composite Lumber Core (SCLC), Add	*140.49*	
		For >50 To 100, Deduct	*-24.02*	
		For >100, Deduct	*-34.63*	
		For 9' Door Height, Add	*65.56*	
08 14 16 00-0386	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	433.39	56.08
		For 7 Ply Cold Press Construction, Deduct	*-6.42*	
		For Stave Lumber Core (SLC), Add	*240.93*	
		For Structural Composite Lumber Core (SCLC), Add	*144.56*	
		For >50 To 100, Deduct	*-24.47*	
		For >100, Deduct	*-35.31*	
		For 9' Door Height, Add	*67.46*	
08 14 16 00-0387	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	447.33	58.52
		For 7 Ply Cold Press Construction, Deduct	*-6.61*	
		For Stave Lumber Core (SLC), Add	*247.73*	
		For Structural Composite Lumber Core (SCLC), Add	*148.64*	
		For >50 To 100, Deduct	*-25.29*	
		For >100, Deduct	*-36.48*	
		For 9' Door Height, Add	*69.36*	
08 14 16 00-0388	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	483.59	58.52
		For 7 Ply Cold Press Construction, Deduct	*-7.33*	
		For Stave Lumber Core (SLC), Add	*274.92*	
		For Structural Composite Lumber Core (SCLC), Add	*164.95*	
		For >50 To 100, Deduct	*-27.11*	
		For >100, Deduct	*-39.20*	
		For 9' Door Height, Add	*76.98*	

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0389		EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	511.89	60.95
			For 7 Ply Cold Press Construction, Deduct	*-7.80*	
			For Stave Lumber Core (SLC), Add	*292.49*	
			For Structural Composite Lumber Core (SCLC), Add	*175.49*	
			For >50 To 100, Deduct	*-28.64*	
			For >100, Deduct	*-41.44*	
			For 9' Door Height, Add	*81.90*	

08 14 16 00-0390 Lauan Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0391		EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	219.64	53.64
			For >50 To 100, Deduct	*-13.66*	
			For >100, Deduct	*-19.16*	
08 14 16 00-0392		EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	219.64	53.64
			For >50 To 100, Deduct	*-13.66*	
			For >100, Deduct	*-19.16*	
08 14 16 00-0393		EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	230.66	56.08
			For >50 To 100, Deduct	*-14.34*	
			For >100, Deduct	*-20.10*	
08 14 16 00-0394		EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	236.86	56.08
			For >50 To 100, Deduct	*-14.65*	
			For >100, Deduct	*-20.57*	
08 14 16 00-0395		EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	239.97	56.08
			For >50 To 100, Deduct	*-14.80*	
			For >100, Deduct	*-20.80*	
08 14 16 00-0396		EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	247.99	58.52
			For >50 To 100, Deduct	*-15.33*	
			For >100, Deduct	*-21.53*	
08 14 16 00-0397		EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	262.36	58.52
			For >50 To 100, Deduct	*-16.04*	
			For >100, Deduct	*-22.60*	
08 14 16 00-0398		EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	278.64	60.95
			For >50 To 100, Deduct	*-16.98*	
			For >100, Deduct	*-23.95*	
08 14 16 00-0399		EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	226.18	53.64
			For >50 To 100, Deduct	*-13.99*	
			For >100, Deduct	*-19.65*	
08 14 16 00-0400		EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	226.18	53.64
			For >50 To 100, Deduct	*-13.99*	
			For >100, Deduct	*-19.65*	
08 14 16 00-0401		EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	237.57	56.08
			For >50 To 100, Deduct	*-14.68*	
			For >100, Deduct	*-20.62*	
08 14 16 00-0402		EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	244.12	56.08
			For >50 To 100, Deduct	*-15.01*	
			For >100, Deduct	*-21.11*	
08 14 16 00-0403		EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	247.42	56.08
			For >50 To 100, Deduct	*-15.17*	
			For >100, Deduct	*-21.36*	
08 14 16 00-0404		EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	255.60	58.52
			For >50 To 100, Deduct	*-15.71*	
			For >100, Deduct	*-22.10*	
08 14 16 00-0405		EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	270.84	58.52
			For >50 To 100, Deduct	*-16.47*	
			For >100, Deduct	*-23.24*	
08 14 16 00-0406		EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	287.75	60.95
			For >50 To 100, Deduct	*-17.44*	
			For >100, Deduct	*-24.63*	
08 14 16 00-0407		EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	249.38	53.64
			For >50 To 100, Deduct	*-15.15*	
			For >100, Deduct	*-21.39*	
			For 9' Door Height, Add	*29.84*	
08 14 16 00-0408		EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	249.38	53.64
			For >50 To 100, Deduct	*-15.15*	
			For >100, Deduct	*-21.39*	
			For 9' Door Height, Add	*29.84*	
08 14 16 00-0409		EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	262.02	56.08
			For >50 To 100, Deduct	*-15.90*	
			For >100, Deduct	*-22.46*	
			For 9' Door Height, Add	*31.47*	
08 14 16 00-0410		EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	269.86	56.08
			For >50 To 100, Deduct	*-16.30*	
			For >100, Deduct	*-23.04*	
			For 9' Door Height, Add	*33.12*	
08 14 16 00-0411		EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	273.80	56.08
			For >50 To 100, Deduct	*-16.49*	
			For >100, Deduct	*-23.34*	
			For 9' Door Height, Add	*33.95*	
08 14 16 00-0412		EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	282.62	58.52
			For >50 To 100, Deduct	*-17.06*	
			For >100, Deduct	*-24.12*	
			For 9' Door Height, Add	*34.77*	
08 14 16 00-0413		EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	300.82	58.52
			For >50 To 100, Deduct	*-17.97*	
			For >100, Deduct	*-25.49*	
			For 9' Door Height, Add	*38.60*	
08 14 16 00-0414		EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	320.08	60.95
			For >50 To 100, Deduct	*-19.05*	
			For >100, Deduct	*-27.05*	
			For 9' Door Height, Add	*41.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0415		Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0314)*		
08 14 16 00-0416	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	234.17	53.64
		For Stave Lumber Core (SLC), Add	*95.17*	
		For Structural Composite Lumber Core (SCLC), Add	*57.10*	
		For >50 To 100, Deduct	*-14.39*	
		For >100, Deduct	*-20.24*	
08 14 16 00-0417	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	234.17	53.64
		For Stave Lumber Core (SLC), Add	*95.17*	
		For Structural Composite Lumber Core (SCLC), Add	*57.10*	
		For >50 To 100, Deduct	*-14.39*	
		For >100, Deduct	*-20.24*	
08 14 16 00-0418	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	246.41	56.08
		For Stave Lumber Core (SLC), Add	*100.70*	
		For Structural Composite Lumber Core (SCLC), Add	*60.42*	
		For >50 To 100, Deduct	*-15.12*	
		For >100, Deduct	*-21.28*	
08 14 16 00-0419	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	253.76	56.08
		For Stave Lumber Core (SLC), Add	*106.21*	
		For Structural Composite Lumber Core (SCLC), Add	*63.72*	
		For >50 To 100, Deduct	*-15.49*	
		For >100, Deduct	*-21.84*	
08 14 16 00-0420	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	255.11	56.08
		For Stave Lumber Core (SLC), Add	*107.22*	
		For Structural Composite Lumber Core (SCLC), Add	*64.33*	
		For >50 To 100, Deduct	*-15.56*	
		For >100, Deduct	*-21.94*	
08 14 16 00-0421	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	261.36	58.52
		For Stave Lumber Core (SLC), Add	*108.25*	
		For Structural Composite Lumber Core (SCLC), Add	*64.95*	
		For >50 To 100, Deduct	*-15.99*	
		For >100, Deduct	*-22.53*	
08 14 16 00-0422	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	277.28	58.52
		For Stave Lumber Core (SLC), Add	*120.19*	
		For Structural Composite Lumber Core (SCLC), Add	*72.11*	
		For >50 To 100, Deduct	*-16.79*	
		For >100, Deduct	*-23.72*	
08 14 16 00-0423	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	311.19	60.95
		For Stave Lumber Core (SLC), Add	*141.96*	
		For Structural Composite Lumber Core (SCLC), Add	*85.18*	
		For >50 To 100, Deduct	*-18.61*	
		For >100, Deduct	*-26.39*	
08 14 16 00-0424	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	241.56	53.64
		For Stave Lumber Core (SLC), Add	*100.71*	
		For Structural Composite Lumber Core (SCLC), Add	*60.43*	
		For >50 To 100, Deduct	*-14.76*	
		For >100, Deduct	*-20.80*	
08 14 16 00-0425	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	241.57	53.64
		For Stave Lumber Core (SLC), Add	*100.72*	
		For Structural Composite Lumber Core (SCLC), Add	*60.43*	
		For >50 To 100, Deduct	*-14.76*	
		For >100, Deduct	*-20.80*	
08 14 16 00-0426	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	254.23	56.08
		For Stave Lumber Core (SLC), Add	*106.56*	
		For Structural Composite Lumber Core (SCLC), Add	*63.94*	
		For >50 To 100, Deduct	*-15.52*	
		For >100, Deduct	*-21.87*	
08 14 16 00-0427	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	262.00	56.08
		For Stave Lumber Core (SLC), Add	*112.39*	
		For Structural Composite Lumber Core (SCLC), Add	*67.43*	
		For >50 To 100, Deduct	*-15.90*	
		For >100, Deduct	*-22.45*	
08 14 16 00-0428	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	263.44	56.08
		For Stave Lumber Core (SLC), Add	*113.47*	
		For Structural Composite Lumber Core (SCLC), Add	*68.08*	
		For >50 To 100, Deduct	*-15.98*	
		For >100, Deduct	*-22.56*	
08 14 16 00-0429	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	269.76	58.52
		For Stave Lumber Core (SLC), Add	*114.55*	
		For Structural Composite Lumber Core (SCLC), Add	*68.73*	
		For >50 To 100, Deduct	*-16.41*	
		For >100, Deduct	*-23.16*	
08 14 16 00-0430	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	286.61	58.52
		For Stave Lumber Core (SLC), Add	*127.19*	
		For Structural Composite Lumber Core (SCLC), Add	*76.31*	
		For >50 To 100, Deduct	*-17.26*	
		For >100, Deduct	*-24.42*	
08 14 16 00-0431	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	322.22	60.95
		For Stave Lumber Core (SLC), Add	*150.23*	
		For Structural Composite Lumber Core (SCLC), Add	*90.14*	
		For >50 To 100, Deduct	*-19.16*	
		For >100, Deduct	*-27.21*	
08 14 16 00-0432	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	267.73	53.64
		For Stave Lumber Core (SLC), Add	*120.34*	
		For Structural Composite Lumber Core (SCLC), Add	*72.20*	
		For >50 To 100, Deduct	*-16.07*	
		For >100, Deduct	*-22.76*	
		For 9' Door Height, Add	*33.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0433	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	267.75	53.64
		For Stave Lumber Core (SLC), Add	*120.35*	
		For Structural Composite Lumber Core (SCLC), Add	*72.21*	
		For >50 To 100, Deduct	*-16.07*	
		For >100, Deduct	*-22.76*	
		For 9' Door Height, Add	*33.70*	
08 14 16 00-0434	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	281.93	56.08
		For Stave Lumber Core (SLC), Add	*127.34*	
		For Structural Composite Lumber Core (SCLC), Add	*76.40*	
		For >50 To 100, Deduct	*-16.90*	
		For >100, Deduct	*-23.95*	
		For 9' Door Height, Add	*35.65*	
08 14 16 00-0435	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	291.22	56.08
		For Stave Lumber Core (SLC), Add	*134.30*	
		For Structural Composite Lumber Core (SCLC), Add	*80.58*	
		For >50 To 100, Deduct	*-17.36*	
		For >100, Deduct	*-24.65*	
		For 9' Door Height, Add	*37.60*	
08 14 16 00-0436	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	292.93	56.08
		For Stave Lumber Core (SLC), Add	*135.59*	
		For Structural Composite Lumber Core (SCLC), Add	*81.35*	
		For >50 To 100, Deduct	*-17.45*	
		For >100, Deduct	*-24.77*	
		For 9' Door Height, Add	*37.96*	
08 14 16 00-0437	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	299.55	58.52
		For Stave Lumber Core (SLC), Add	*136.89*	
		For Structural Composite Lumber Core (SCLC), Add	*82.13*	
		For >50 To 100, Deduct	*-17.90*	
		For >100, Deduct	*-25.39*	
		For 9' Door Height, Add	*38.33*	
08 14 16 00-0438	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	319.69	58.52
		For Stave Lumber Core (SLC), Add	*152.00*	
		For Structural Composite Lumber Core (SCLC), Add	*91.20*	
		For >50 To 100, Deduct	*-18.91*	
		For >100, Deduct	*-26.90*	
		For 9' Door Height, Add	*42.56*	
08 14 16 00-0439	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	361.28	60.95
		For Stave Lumber Core (SLC), Add	*179.53*	
		For Structural Composite Lumber Core (SCLC), Add	*107.72*	
		For >50 To 100, Deduct	*-21.11*	
		For >100, Deduct	*-30.14*	
		For 9' Door Height, Add	*50.27*	

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0442	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	290.93	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.67*	
		For Stave Lumber Core (SLC), Add	*137.74*	
		For Structural Composite Lumber Core (SCLC), Add	*82.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*99.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*137.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*220.38*	
		For >50 To 100, Deduct	*-17.23*	
		For >100, Deduct	*-24.50*	
08 14 16 00-0443	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	290.93	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.67*	
		For Stave Lumber Core (SLC), Add	*137.74*	
		For Structural Composite Lumber Core (SCLC), Add	*82.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*99.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*137.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*220.38*	
		For >50 To 100, Deduct	*-17.23*	
		For >100, Deduct	*-24.50*	
08 14 16 00-0444	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	286.12	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.48*	
		For Stave Lumber Core (SLC), Add	*130.48*	
		For Structural Composite Lumber Core (SCLC), Add	*78.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*93.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*130.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*208.76*	
		For >50 To 100, Deduct	*-17.11*	
		For >100, Deduct	*-24.26*	
08 14 16 00-0445	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	293.37	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.62*	
		For Stave Lumber Core (SLC), Add	*135.92*	
		For Structural Composite Lumber Core (SCLC), Add	*81.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*97.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*135.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*217.46*	
		For >50 To 100, Deduct	*-17.47*	
		For >100, Deduct	*-24.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0446	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	298.22	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.72*	
		For Stave Lumber Core (SLC), Add	*139.55*	
		For Structural Composite Lumber Core (SCLC), Add	*83.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*100.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*139.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*223.28*	
		For >50 To 100, Deduct	*-17.71*	
		For >100, Deduct	*-25.17*	
08 14 16 00-0447	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	307.93	58.52
		For 7 Ply Cold Press Construction, Deduct	*-3.82*	
		For Stave Lumber Core (SLC), Add	*143.18*	
		For Structural Composite Lumber Core (SCLC), Add	*85.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*103.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*143.18*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*229.08*	
		For >50 To 100, Deduct	*-18.32*	
		For >100, Deduct	*-26.02*	
08 14 16 00-0448	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	328.92	58.52
		For 7 Ply Cold Press Construction, Deduct	*-4.24*	
		For Stave Lumber Core (SLC), Add	*158.92*	
		For Structural Composite Lumber Core (SCLC), Add	*95.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*114.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*158.92*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*254.27*	
		For >50 To 100, Deduct	*-19.37*	
		For >100, Deduct	*-27.59*	
08 14 16 00-0449	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	379.17	60.95
		For 7 Ply Cold Press Construction, Deduct	*-5.15*	
		For Stave Lumber Core (SLC), Add	*192.95*	
		For Structural Composite Lumber Core (SCLC), Add	*115.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.87*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*138.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*192.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*308.71*	
		For >50 To 100, Deduct	*-22.01*	
		For >100, Deduct	*-31.49*	
08 14 16 00-0450	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	392.03	60.95
		For 7 Ply Cold Press Construction, Deduct	*-5.40*	
		For Stave Lumber Core (SLC), Add	*202.59*	
		For Structural Composite Lumber Core (SCLC), Add	*121.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*145.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*202.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*324.14*	
		For >50 To 100, Deduct	*-22.65*	
		For >100, Deduct	*-32.45*	
08 14 16 00-0451	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	427.50	65.83
		For 7 Ply Cold Press Construction, Deduct	*-5.92*	
		For Stave Lumber Core (SLC), Add	*221.88*	
		For Structural Composite Lumber Core (SCLC), Add	*133.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*159.75*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*221.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*355.01*	
		For >50 To 100, Deduct	*-24.67*	
		For >100, Deduct	*-35.35*	
08 14 16 00-0452	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	282.24	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.50*	
		For Stave Lumber Core (SLC), Add	*131.22*	
		For Structural Composite Lumber Core (SCLC), Add	*78.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*94.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*131.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*209.95*	
		For >50 To 100, Deduct	*-16.79*	
		For >100, Deduct	*-23.85*	
08 14 16 00-0453	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	282.24	53.64
		For 7 Ply Cold Press Construction, Deduct	*-3.50*	
		For Stave Lumber Core (SLC), Add	*131.22*	
		For Structural Composite Lumber Core (SCLC), Add	*78.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*94.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*131.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*209.95*	
		For >50 To 100, Deduct	*-16.79*	
		For >100, Deduct	*-23.85*	
08 14 16 00-0454	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	296.25	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.68*	
		For Stave Lumber Core (SLC), Add	*138.08*	
		For Structural Composite Lumber Core (SCLC), Add	*82.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*99.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*138.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*220.92*	
		For >50 To 100, Deduct	*-17.62*	
		For >100, Deduct	*-25.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0455	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	303.92	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.84*	
		For Stave Lumber Core (SLC), Add	*143.83*	
		For Structural Composite Lumber Core (SCLC), Add	*86.30*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*103.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*143.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*230.12*	
		For >50 To 100, Deduct	*-18.00*	
		For >100, Deduct	*-25.60*	
08 14 16 00-0456	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	309.05	56.08
		For 7 Ply Cold Press Construction, Deduct	*-3.94*	
		For Stave Lumber Core (SLC), Add	*147.68*	
		For Structural Composite Lumber Core (SCLC), Add	*88.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*236.28*	
		For >50 To 100, Deduct	*-18.26*	
		For >100, Deduct	*-25.98*	
08 14 16 00-0457	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	319.03	58.52
		For 7 Ply Cold Press Construction, Deduct	*-4.04*	
		For Stave Lumber Core (SLC), Add	*151.50*	
		For Structural Composite Lumber Core (SCLC), Add	*90.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.50*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*242.40*	
		For >50 To 100, Deduct	*-18.88*	
		For >100, Deduct	*-26.85*	
08 14 16 00-0458	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	341.25	58.52
		For 7 Ply Cold Press Construction, Deduct	*-4.48*	
		For Stave Lumber Core (SLC), Add	*168.17*	
		For Structural Composite Lumber Core (SCLC), Add	*100.90*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.06*	
		For >50 To 100, Deduct	*-19.99*	
		For >100, Deduct	*-28.52*	
08 14 16 00-0459	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	394.14	60.95
		For 7 Ply Cold Press Construction, Deduct	*-5.44*	
		For Stave Lumber Core (SLC), Add	*204.17*	
		For Structural Composite Lumber Core (SCLC), Add	*122.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*147.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*204.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*326.68*	
		For >50 To 100, Deduct	*-22.75*	
		For >100, Deduct	*-32.61*	
08 14 16 00-0460	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	407.75	60.95
		For 7 Ply Cold Press Construction, Deduct	*-5.72*	
		For Stave Lumber Core (SLC), Add	*214.38*	
		For Structural Composite Lumber Core (SCLC), Add	*128.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*154.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*214.38*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*343.01*	
		For >50 To 100, Deduct	*-23.44*	
		For >100, Deduct	*-33.63*	
08 14 16 00-0461	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	444.72	65.83
		For 7 Ply Cold Press Construction, Deduct	*-6.26*	
		For Stave Lumber Core (SLC), Add	*234.80*	
		For Structural Composite Lumber Core (SCLC), Add	*140.88*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*169.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*234.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*375.67*	
		For >50 To 100, Deduct	*-25.53*	
		For >100, Deduct	*-36.65*	
08 14 16 00-0462	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.50	53.64
		For 7 Ply Cold Press Construction, Deduct	*-4.64*	
		For Stave Lumber Core (SLC), Add	*174.17*	
		For Structural Composite Lumber Core (SCLC), Add	*104.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.87*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*125.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*174.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*278.66*	
		For >50 To 100, Deduct	*-19.66*	
		For >100, Deduct	*-28.14*	
		For 9' Door Height, Add	*48.77*	
08 14 16 00-0463	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.50	53.64
		For 7 Ply Cold Press Construction, Deduct	*-4.64*	
		For Stave Lumber Core (SLC), Add	*174.17*	
		For Structural Composite Lumber Core (SCLC), Add	*104.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.87*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*125.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*174.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*278.66*	
		For >50 To 100, Deduct	*-19.66*	
		For >100, Deduct	*-28.14*	
		For 9' Door Height, Add	*48.77*	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0464 EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	332.15	56.08
For 7 Ply Cold Press Construction, Deduct	*-4.40*	
For Stave Lumber Core (SLC), Add	*165.00*	
For Structural Composite Lumber Core (SCLC), Add	*99.00*	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.40*	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*118.80*	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*165.00*	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*264.00*	
For >50 To 100, Deduct	*-19.41*	
For >100, Deduct	*-27.72*	
For 9' Door Height, Add	*46.20*	
08 14 16 00-0465 EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	341.31	56.08
For 7 Ply Cold Press Construction, Deduct	*-4.58*	
For Stave Lumber Core (SLC), Add	*171.87*	
For Structural Composite Lumber Core (SCLC), Add	*103.12*	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.50*	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*123.75*	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*171.87*	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*274.99*	
For >50 To 100, Deduct	*-19.87*	
For >100, Deduct	*-28.40*	
For 9' Door Height, Add	*48.12*	
08 14 16 00-0466 EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	347.43	56.08
For 7 Ply Cold Press Construction, Deduct	*-4.71*	
For Stave Lumber Core (SLC), Add	*176.46*	
For Structural Composite Lumber Core (SCLC), Add	*105.88*	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.23*	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*127.05*	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*176.46*	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*282.34*	
For >50 To 100, Deduct	*-20.18*	
For >100, Deduct	*-28.86*	
For 9' Door Height, Add	*49.41*	
08 14 16 00-0467 EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	358.41	58.52
For 7 Ply Cold Press Construction, Deduct	*-4.83*	
For Stave Lumber Core (SLC), Add	*181.04*	
For Structural Composite Lumber Core (SCLC), Add	*108.62*	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.97*	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*130.35*	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*181.04*	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*289.66*	
For >50 To 100, Deduct	*-20.85*	
For >100, Deduct	*-29.81*	
For 9' Door Height, Add	*50.69*	
08 14 16 00-0468 EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	384.97	58.52
For 7 Ply Cold Press Construction, Deduct	*-5.36*	
For Stave Lumber Core (SLC), Add	*200.96*	
For Structural Composite Lumber Core (SCLC), Add	*120.57*	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.15*	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*144.69*	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*200.96*	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*321.53*	
For >50 To 100, Deduct	*-22.17*	
For >100, Deduct	*-31.80*	
For 9' Door Height, Add	*56.27*	
08 14 16 00-0469 EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	447.22	60.95
For 7 Ply Cold Press Construction, Deduct	*-6.51*	
For Stave Lumber Core (SLC), Add	*243.98*	
For Structural Composite Lumber Core (SCLC), Add	*146.39*	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.04*	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.67*	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*243.98*	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*390.37*	
For >50 To 100, Deduct	*-25.41*	
For >100, Deduct	*-36.59*	
For 9' Door Height, Add	*68.32*	
08 14 16 00-0470 EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	463.48	60.95
For 7 Ply Cold Press Construction, Deduct	*-6.83*	
For Stave Lumber Core (SLC), Add	*256.18*	
For Structural Composite Lumber Core (SCLC), Add	*153.71*	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.99*	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*184.45*	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*256.18*	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*409.88*	
For >50 To 100, Deduct	*-26.22*	
For >100, Deduct	*-37.81*	
For 9' Door Height, Add	*71.73*	
08 14 16 00-0471 EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	505.76	65.83
For 7 Ply Cold Press Construction, Deduct	*-7.48*	
For Stave Lumber Core (SLC), Add	*280.58*	
For Structural Composite Lumber Core (SCLC), Add	*168.35*	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.89*	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*202.01*	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*280.58*	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*448.92*	
For >50 To 100, Deduct	*-28.58*	
For >100, Deduct	*-41.22*	
For 9' Door Height, Add	*78.56*	

08 14 16 00-0472 Oak Faced Wood Doors *(08 14 16 00-0440)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0473	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	355.33	53.64
		For 7 Ply Cold Press Construction, Deduct	*-4.96*	
		For Stave Lumber Core (SLC), Add	*186.04*	
		For Structural Composite Lumber Core (SCLC), Add	*111.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*133.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*186.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*297.66*	
		For >50 To 100, Deduct	*-20.45*	
		For >100, Deduct	*-29.33*	
08 14 16 00-0474	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	355.33	53.64
		For 7 Ply Cold Press Construction, Deduct	*-4.96*	
		For Stave Lumber Core (SLC), Add	*186.04*	
		For Structural Composite Lumber Core (SCLC), Add	*111.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*133.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*186.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*297.66*	
		For >50 To 100, Deduct	*-20.45*	
		For >100, Deduct	*-29.33*	
08 14 16 00-0475	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	360.20	56.08
		For 7 Ply Cold Press Construction, Deduct	*-4.96*	
		For Stave Lumber Core (SLC), Add	*186.04*	
		For Structural Composite Lumber Core (SCLC), Add	*111.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*133.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*186.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*297.66*	
		For >50 To 100, Deduct	*-20.81*	
		For >100, Deduct	*-29.82*	
08 14 16 00-0476	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	362.74	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.01*	
		For Stave Lumber Core (SLC), Add	*187.94*	
		For Structural Composite Lumber Core (SCLC), Add	*112.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*135.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*187.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*300.71*	
		For >50 To 100, Deduct	*-20.94*	
		For >100, Deduct	*-30.01*	
08 14 16 00-0477	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	363.90	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.04*	
		For Stave Lumber Core (SLC), Add	*188.81*	
		For Structural Composite Lumber Core (SCLC), Add	*113.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*135.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*188.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*302.10*	
		For >50 To 100, Deduct	*-21.00*	
		For >100, Deduct	*-30.10*	
08 14 16 00-0478	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	369.93	58.52
		For 7 Ply Cold Press Construction, Deduct	*-5.06*	
		For Stave Lumber Core (SLC), Add	*189.68*	
		For Structural Composite Lumber Core (SCLC), Add	*113.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*189.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*303.48*	
		For >50 To 100, Deduct	*-21.42*	
		For >100, Deduct	*-30.67*	
08 14 16 00-0479	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	397.71	58.52
		For 7 Ply Cold Press Construction, Deduct	*-5.61*	
		For Stave Lumber Core (SLC), Add	*210.51*	
		For Structural Composite Lumber Core (SCLC), Add	*126.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*151.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*210.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*336.82*	
		For >50 To 100, Deduct	*-22.81*	
		For >100, Deduct	*-32.75*	
08 14 16 00-0480	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	474.11	60.95
		For 7 Ply Cold Press Construction, Deduct	*-7.04*	
		For Stave Lumber Core (SLC), Add	*264.15*	
		For Structural Composite Lumber Core (SCLC), Add	*158.49*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*190.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*264.15*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*422.64*	
		For >50 To 100, Deduct	*-26.75*	
		For >100, Deduct	*-38.61*	
08 14 16 00-0481	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	491.97	60.95
		For 7 Ply Cold Press Construction, Deduct	*-7.40*	
		For Stave Lumber Core (SLC), Add	*277.55*	
		For Structural Composite Lumber Core (SCLC), Add	*166.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*199.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*277.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*444.07*	
		For >50 To 100, Deduct	*-27.65*	
		For >100, Deduct	*-39.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0482	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	536.70	65.83
		For 7 Ply Cold Press Construction, Deduct	*-8.10*	
		For Stave Lumber Core (SLC), Add	*303.78*	
		For Structural Composite Lumber Core (SCLC), Add	*182.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*218.72*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*303.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*486.05*	
		For >50 To 100, Deduct	*-30.13*	
		For >100, Deduct	*-43.54*	
08 14 16 00-0483	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	369.75	53.64
		For 7 Ply Cold Press Construction, Deduct	*-5.25*	
		For Stave Lumber Core (SLC), Add	*196.85*	
		For Structural Composite Lumber Core (SCLC), Add	*118.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*141.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*196.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*314.96*	
		For >50 To 100, Deduct	*-21.17*	
		For >100, Deduct	*-30.41*	
08 14 16 00-0484	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	369.75	53.64
		For 7 Ply Cold Press Construction, Deduct	*-5.25*	
		For Stave Lumber Core (SLC), Add	*196.85*	
		For Structural Composite Lumber Core (SCLC), Add	*118.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*141.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*196.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*314.96*	
		For >50 To 100, Deduct	*-21.17*	
		For >100, Deduct	*-30.41*	
08 14 16 00-0485	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	374.62	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.25*	
		For Stave Lumber Core (SLC), Add	*196.85*	
		For Structural Composite Lumber Core (SCLC), Add	*118.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*141.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*196.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*314.96*	
		For >50 To 100, Deduct	*-21.53*	
		For >100, Deduct	*-30.90*	
08 14 16 00-0486	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	377.32	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.30*	
		For Stave Lumber Core (SLC), Add	*198.88*	
		For Structural Composite Lumber Core (SCLC), Add	*119.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*143.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*198.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*318.20*	
		For >50 To 100, Deduct	*-21.67*	
		For >100, Deduct	*-31.10*	
08 14 16 00-0487	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	378.54	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.33*	
		For Stave Lumber Core (SLC), Add	*199.79*	
		For Structural Composite Lumber Core (SCLC), Add	*119.88*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*143.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*199.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*319.67*	
		For >50 To 100, Deduct	*-21.73*	
		For >100, Deduct	*-31.19*	
08 14 16 00-0488	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	384.65	58.52
		For 7 Ply Cold Press Construction, Deduct	*-5.35*	
		For Stave Lumber Core (SLC), Add	*200.72*	
		For Structural Composite Lumber Core (SCLC), Add	*120.43*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*144.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*200.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*321.14*	
		For >50 To 100, Deduct	*-22.16*	
		For >100, Deduct	*-31.77*	
08 14 16 00-0489	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	414.04	58.52
		For 7 Ply Cold Press Construction, Deduct	*-5.94*	
		For Stave Lumber Core (SLC), Add	*222.76*	
		For Structural Composite Lumber Core (SCLC), Add	*133.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*160.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*222.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*356.41*	
		For >50 To 100, Deduct	*-23.63*	
		For >100, Deduct	*-33.98*	
08 14 16 00-0490	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	494.62	60.95
		For 7 Ply Cold Press Construction, Deduct	*-7.45*	
		For Stave Lumber Core (SLC), Add	*279.53*	
		For Structural Composite Lumber Core (SCLC), Add	*167.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*201.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*279.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*447.25*	
		For >50 To 100, Deduct	*-27.78*	
		For >100, Deduct	*-40.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0491	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	513.50	60.95
		For 7 Ply Cold Press Construction, Deduct	*-7.83*	
		For Stave Lumber Core (SLC), Add	*293.69*	
		For Structural Composite Lumber Core (SCLC), Add	*176.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*293.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*469.91*	
		For >50 To 100, Deduct	*-28.72*	
		For >100, Deduct	*-41.56*	
08 14 16 00-0492	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	560.27	65.83
		For 7 Ply Cold Press Construction, Deduct	*-8.57*	
		For Stave Lumber Core (SLC), Add	*321.46*	
		For Structural Composite Lumber Core (SCLC), Add	*192.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*231.45*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*321.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*514.33*	
		For >50 To 100, Deduct	*-31.31*	
		For >100, Deduct	*-45.31*	
08 14 16 00-0493	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	420.93	53.64
		For 7 Ply Cold Press Construction, Deduct	*-6.27*	
		For Stave Lumber Core (SLC), Add	*235.24*	
		For Structural Composite Lumber Core (SCLC), Add	*141.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*169.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*235.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*376.38*	
		For >50 To 100, Deduct	*-23.73*	
		For >100, Deduct	*-34.25*	
		For 9' Door Height, Add	*65.87*	
08 14 16 00-0494	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	420.93	53.64
		For 7 Ply Cold Press Construction, Deduct	*-6.27*	
		For Stave Lumber Core (SLC), Add	*235.24*	
		For Structural Composite Lumber Core (SCLC), Add	*141.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*169.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*235.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*376.38*	
		For >50 To 100, Deduct	*-23.73*	
		For >100, Deduct	*-34.25*	
		For 9' Door Height, Add	*65.87*	
08 14 16 00-0495	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	425.80	56.08
		For 7 Ply Cold Press Construction, Deduct	*-6.27*	
		For Stave Lumber Core (SLC), Add	*235.24*	
		For Structural Composite Lumber Core (SCLC), Add	*141.14*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*169.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*235.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*376.38*	
		For >50 To 100, Deduct	*-24.09*	
		For >100, Deduct	*-34.74*	
		For 9' Door Height, Add	*65.87*	
08 14 16 00-0496	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	429.03	56.08
		For 7 Ply Cold Press Construction, Deduct	*-6.34*	
		For Stave Lumber Core (SLC), Add	*237.66*	
		For Structural Composite Lumber Core (SCLC), Add	*142.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*171.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*237.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*380.26*	
		For >50 To 100, Deduct	*-24.26*	
		For >100, Deduct	*-34.98*	
		For 9' Door Height, Add	*66.54*	
08 14 16 00-0497	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	430.50	56.08
		For 7 Ply Cold Press Construction, Deduct	*-6.37*	
		For Stave Lumber Core (SLC), Add	*238.76*	
		For Structural Composite Lumber Core (SCLC), Add	*143.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*171.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*238.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*382.02*	
		For >50 To 100, Deduct	*-24.33*	
		For >100, Deduct	*-35.09*	
		For 9' Door Height, Add	*66.85*	
08 14 16 00-0498	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	436.83	58.52
		For 7 Ply Cold Press Construction, Deduct	*-6.40*	
		For Stave Lumber Core (SLC), Add	*239.85*	
		For Structural Composite Lumber Core (SCLC), Add	*143.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*239.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*383.76*	
		For >50 To 100, Deduct	*-24.77*	
		For >100, Deduct	*-35.69*	
		For 9' Door Height, Add	*67.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0499	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	471.95	58.52
		For 7 Ply Cold Press Construction, Deduct	*-7.10*	
		For Stave Lumber Core (SLC), Add	*266.19*	
		For Structural Composite Lumber Core (SCLC), Add	*159.71*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*191.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*266.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*425.90*	
		For >50 To 100, Deduct	*-26.52*	
		For >100, Deduct	*-38.32*	
		For 9' Door Height, Add	*74.53*	
08 14 16 00-0500	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	567.30	60.95
		For 7 Ply Cold Press Construction, Deduct	*-8.91*	
		For Stave Lumber Core (SLC), Add	*334.04*	
		For Structural Composite Lumber Core (SCLC), Add	*200.43*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*240.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*334.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*534.47*	
		For >50 To 100, Deduct	*-31.41*	
		For >100, Deduct	*-45.60*	
		For 9' Door Height, Add	*93.53*	
08 14 16 00-0501	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	589.86	60.95
		For 7 Ply Cold Press Construction, Deduct	*-9.36*	
		For Stave Lumber Core (SLC), Add	*350.96*	
		For Structural Composite Lumber Core (SCLC), Add	*210.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*252.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*350.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*561.54*	
		For >50 To 100, Deduct	*-32.54*	
		For >100, Deduct	*-47.29*	
		For 9' Door Height, Add	*98.27*	
08 14 16 00-0502	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	643.85	65.83
		For 7 Ply Cold Press Construction, Deduct	*-10.24*	
		For Stave Lumber Core (SLC), Add	*384.14*	
		For Structural Composite Lumber Core (SCLC), Add	*230.49*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*61.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*276.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*384.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*614.63*	
		For >50 To 100, Deduct	*-35.48*	
		For >100, Deduct	*-51.58*	
		For 9' Door Height, Add	*107.56*	

08 14 16 00-0503 Maple Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0504	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	404.93	53.64
		For 7 Ply Cold Press Construction, Deduct	*-5.95*	
		For Stave Lumber Core (SLC), Add	*223.24*	
		For Structural Composite Lumber Core (SCLC), Add	*133.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*160.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*223.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*357.18*	
		For >50 To 100, Deduct	*-22.93*	
		For >100, Deduct	*-33.05*	
08 14 16 00-0505	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	404.93	53.64
		For 7 Ply Cold Press Construction, Deduct	*-5.95*	
		For Stave Lumber Core (SLC), Add	*223.24*	
		For Structural Composite Lumber Core (SCLC), Add	*133.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*160.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*223.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*357.18*	
		For >50 To 100, Deduct	*-22.93*	
		For >100, Deduct	*-33.05*	
08 14 16 00-0506	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	409.80	56.08
		For 7 Ply Cold Press Construction, Deduct	*-5.95*	
		For Stave Lumber Core (SLC), Add	*223.24*	
		For Structural Composite Lumber Core (SCLC), Add	*133.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*160.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*223.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*357.18*	
		For >50 To 100, Deduct	*-23.29*	
		For >100, Deduct	*-33.54*	
08 14 16 00-0507	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	412.86	56.08
		For 7 Ply Cold Press Construction, Deduct	*-6.01*	
		For Stave Lumber Core (SLC), Add	*225.53*	
		For Structural Composite Lumber Core (SCLC), Add	*135.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*225.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*360.85*	
		For >50 To 100, Deduct	*-23.45*	
		For >100, Deduct	*-33.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0508	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	414.23	56.08
		For 7 Ply Cold Press Construction, Deduct	*-6.04*	
		For Stave Lumber Core (SLC), Add	*226.56*	
		For Structural Composite Lumber Core (SCLC), Add	*135.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*163.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*226.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*362.50*	
		For >50 To 100, Deduct	*-23.52*	
		For >100, Deduct	*-33.87*	
08 14 16 00-0509	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	420.51	58.52
		For 7 Ply Cold Press Construction, Deduct	*-6.07*	
		For Stave Lumber Core (SLC), Add	*227.61*	
		For Structural Composite Lumber Core (SCLC), Add	*136.57*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*163.88*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*227.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*364.18*	
		For >50 To 100, Deduct	*-23.95*	
		For >100, Deduct	*-34.46*	
08 14 16 00-0510	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	453.85	58.52
		For 7 Ply Cold Press Construction, Deduct	*-6.74*	
		For Stave Lumber Core (SLC), Add	*252.62*	
		For Structural Composite Lumber Core (SCLC), Add	*151.57*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*181.88*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*252.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*404.18*	
		For >50 To 100, Deduct	*-25.62*	
		For >100, Deduct	*-36.96*	
08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	523.42	60.95
		For 7 Ply Cold Press Construction, Deduct	*-8.03*	
		For Stave Lumber Core (SLC), Add	*301.13*	
		For Structural Composite Lumber Core (SCLC), Add	*180.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*216.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*301.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*481.81*	
		For >50 To 100, Deduct	*-29.22*	
		For >100, Deduct	*-42.30*	
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	565.68	60.95
		For 7 Ply Cold Press Construction, Deduct	*-8.88*	
		For Stave Lumber Core (SLC), Add	*332.83*	
		For Structural Composite Lumber Core (SCLC), Add	*199.70*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*239.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*332.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*532.52*	
		For >50 To 100, Deduct	*-31.33*	
		For >100, Deduct	*-45.47*	
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	607.98	60.95
		For 7 Ply Cold Press Construction, Deduct	*-9.72*	
		For Stave Lumber Core (SLC), Add	*364.55*	
		For Structural Composite Lumber Core (SCLC), Add	*218.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*262.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*364.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*583.28*	
		For >50 To 100, Deduct	*-33.45*	
		For >100, Deduct	*-48.65*	
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	422.25	53.64
		For 7 Ply Cold Press Construction, Deduct	*-6.30*	
		For Stave Lumber Core (SLC), Add	*236.23*	
		For Structural Composite Lumber Core (SCLC), Add	*141.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*377.96*	
		For >50 To 100, Deduct	*-23.79*	
		For >100, Deduct	*-34.35*	
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	422.25	53.64
		For 7 Ply Cold Press Construction, Deduct	*-6.30*	
		For Stave Lumber Core (SLC), Add	*236.23*	
		For Structural Composite Lumber Core (SCLC), Add	*141.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*377.96*	
		For >50 To 100, Deduct	*-23.79*	
		For >100, Deduct	*-34.35*	
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	427.12	56.08
		For 7 Ply Cold Press Construction, Deduct	*-6.30*	
		For Stave Lumber Core (SLC), Add	*236.23*	
		For Structural Composite Lumber Core (SCLC), Add	*141.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*377.96*	
		For >50 To 100, Deduct	*-24.16*	
		For >100, Deduct	*-34.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	430.35	56.08
		For 7 Ply Cold Press Construction, Deduct	*-6.36*	
		For Stave Lumber Core (SLC), Add	*238.65*	
		For Structural Composite Lumber Core (SCLC), Add	*143.19*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*171.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*238.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*381.84*	
		For >50 To 100, Deduct	*-24.32*	
		For >100, Deduct	*-35.08*	
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	431.82	56.08
		For 7 Ply Cold Press Construction, Deduct	*-6.39*	
		For Stave Lumber Core (SLC), Add	*239.75*	
		For Structural Composite Lumber Core (SCLC), Add	*143.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.62*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*239.75*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*383.60*	
		For >50 To 100, Deduct	*-24.39*	
		For >100, Deduct	*-35.19*	
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	438.17	58.52
		For 7 Ply Cold Press Construction, Deduct	*-6.42*	
		For Stave Lumber Core (SLC), Add	*240.86*	
		For Structural Composite Lumber Core (SCLC), Add	*144.51*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*173.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*240.86*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*385.37*	
		For >50 To 100, Deduct	*-24.83*	
		For >100, Deduct	*-35.79*	
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	473.45	58.52
		For 7 Ply Cold Press Construction, Deduct	*-7.13*	
		For Stave Lumber Core (SLC), Add	*267.32*	
		For Structural Composite Lumber Core (SCLC), Add	*160.39*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*192.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*267.32*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*427.70*	
		For >50 To 100, Deduct	*-26.60*	
		For >100, Deduct	*-38.43*	
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	546.79	60.95
		For 7 Ply Cold Press Construction, Deduct	*-8.50*	
		For Stave Lumber Core (SLC), Add	*318.66*	
		For Structural Composite Lumber Core (SCLC), Add	*191.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*229.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*318.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*509.86*	
		For >50 To 100, Deduct	*-30.39*	
		For >100, Deduct	*-44.06*	
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	591.52	60.95
		For 7 Ply Cold Press Construction, Deduct	*-9.39*	
		For Stave Lumber Core (SLC), Add	*352.21*	
		For Structural Composite Lumber Core (SCLC), Add	*211.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*253.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*352.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*563.53*	
		For >50 To 100, Deduct	*-32.62*	
		For >100, Deduct	*-47.41*	
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	636.28	60.95
		For 7 Ply Cold Press Construction, Deduct	*-10.29*	
		For Stave Lumber Core (SLC), Add	*385.78*	
		For Structural Composite Lumber Core (SCLC), Add	*231.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*61.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*277.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*385.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*617.24*	
		For >50 To 100, Deduct	*-34.86*	
		For >100, Deduct	*-50.77*	
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	483.66	53.64
		For 7 Ply Cold Press Construction, Deduct	*-7.53*	
		For Stave Lumber Core (SLC), Add	*282.29*	
		For Structural Composite Lumber Core (SCLC), Add	*169.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*203.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*282.29*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*451.66*	
		For >50 To 100, Deduct	*-26.87*	
		For >100, Deduct	*-38.96*	
		For 9' Door Height, Add	*79.04*	
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	483.66	53.64
		For 7 Ply Cold Press Construction, Deduct	*-7.53*	
		For Stave Lumber Core (SLC), Add	*282.29*	
		For Structural Composite Lumber Core (SCLC), Add	*169.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*203.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*282.29*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*451.66*	
		For >50 To 100, Deduct	*-26.87*	
		For >100, Deduct	*-38.96*	
		For 9' Door Height, Add	*79.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	488.53	56.08
		For 7 Ply Cold Press Construction, Deduct	*-7.53*	
		For Stave Lumber Core (SLC), Add	*282.29*	
		For Structural Composite Lumber Core (SCLC), Add	*169.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*203.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*282.29*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*451.66*	
		For >50 To 100, Deduct	*-27.23*	
		For >100, Deduct	*-39.44*	
		For 9' Door Height, Add	*79.04*	
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	492.40	56.08
		For 7 Ply Cold Press Construction, Deduct	*-7.61*	
		For Stave Lumber Core (SLC), Add	*285.19*	
		For Structural Composite Lumber Core (SCLC), Add	*171.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.34*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*456.30*	
		For >50 To 100, Deduct	*-27.42*	
		For >100, Deduct	*-39.73*	
		For 9' Door Height, Add	*79.85*	
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	494.17	56.08
		For 7 Ply Cold Press Construction, Deduct	*-7.64*	
		For Stave Lumber Core (SLC), Add	*286.52*	
		For Structural Composite Lumber Core (SCLC), Add	*171.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*206.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*286.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*458.42*	
		For >50 To 100, Deduct	*-27.51*	
		For >100, Deduct	*-39.87*	
		For 9' Door Height, Add	*80.22*	
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	500.78	58.52
		For 7 Ply Cold Press Construction, Deduct	*-7.68*	
		For Stave Lumber Core (SLC), Add	*287.81*	
		For Structural Composite Lumber Core (SCLC), Add	*172.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.05*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*287.81*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*460.50*	
		For >50 To 100, Deduct	*-27.96*	
		For >100, Deduct	*-40.48*	
		For 9' Door Height, Add	*80.59*	
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	542.94	58.52
		For 7 Ply Cold Press Construction, Deduct	*-8.52*	
		For Stave Lumber Core (SLC), Add	*319.43*	
		For Structural Composite Lumber Core (SCLC), Add	*191.66*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*229.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*319.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*511.09*	
		For >50 To 100, Deduct	*-30.07*	
		For >100, Deduct	*-43.65*	
		For 9' Door Height, Add	*89.44*	
08 14 16 00-0531	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	629.64	60.95
		For 7 Ply Cold Press Construction, Deduct	*-10.15*	
		For Stave Lumber Core (SLC), Add	*380.80*	
		For Structural Composite Lumber Core (SCLC), Add	*228.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.93*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*274.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*380.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*609.28*	
		For >50 To 100, Deduct	*-34.53*	
		For >100, Deduct	*-50.27*	
		For 9' Door Height, Add	*106.62*	
08 14 16 00-0532	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	683.09	60.95
		For 7 Ply Cold Press Construction, Deduct	*-11.22*	
		For Stave Lumber Core (SLC), Add	*420.89*	
		For Structural Composite Lumber Core (SCLC), Add	*252.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*303.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*420.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*673.42*	
		For >50 To 100, Deduct	*-37.20*	
		For >100, Deduct	*-54.28*	
		For 9' Door Height, Add	*117.85*	
08 14 16 00-0533	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	736.56	60.95
		For 7 Ply Cold Press Construction, Deduct	*-12.29*	
		For Stave Lumber Core (SLC), Add	*460.99*	
		For Structural Composite Lumber Core (SCLC), Add	*276.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*73.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*331.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*460.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*737.58*	
		For >50 To 100, Deduct	*-39.88*	
		For >100, Deduct	*-58.29*	
		For 9' Door Height, Add	*129.08*	

08 14 16 00-0534 Walnut Faced Wood Doors *(08 14 16 00-0440)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0535	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	487.85	53.64
		For 7 Ply Cold Press Construction, Deduct	*-7.61*	
		For Stave Lumber Core (SLC), Add	*285.43*	
		For Structural Composite Lumber Core (SCLC), Add	*171.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*456.68*	
		For >50 To 100, Deduct	*-27.07*	
		For >100, Deduct	*-39.27*	
08 14 16 00-0536	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	487.85	53.64
		For 7 Ply Cold Press Construction, Deduct	*-7.61*	
		For Stave Lumber Core (SLC), Add	*285.43*	
		For Structural Composite Lumber Core (SCLC), Add	*171.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*456.68*	
		For >50 To 100, Deduct	*-27.07*	
		For >100, Deduct	*-39.27*	
08 14 16 00-0537	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	492.84	56.08
		For 7 Ply Cold Press Construction, Deduct	*-7.61*	
		For Stave Lumber Core (SLC), Add	*285.52*	
		For Structural Composite Lumber Core (SCLC), Add	*171.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*456.83*	
		For >50 To 100, Deduct	*-27.45*	
		For >100, Deduct	*-39.77*	
08 14 16 00-0538	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	496.76	56.08
		For 7 Ply Cold Press Construction, Deduct	*-7.69*	
		For Stave Lumber Core (SLC), Add	*288.46*	
		For Structural Composite Lumber Core (SCLC), Add	*173.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*288.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*461.53*	
		For >50 To 100, Deduct	*-27.64*	
		For >100, Deduct	*-40.06*	
08 14 16 00-0539	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	507.03	56.08
		For 7 Ply Cold Press Construction, Deduct	*-7.90*	
		For Stave Lumber Core (SLC), Add	*296.16*	
		For Structural Composite Lumber Core (SCLC), Add	*177.70*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.39*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*213.24*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*296.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*473.86*	
		For >50 To 100, Deduct	*-28.16*	
		For >100, Deduct	*-40.83*	
08 14 16 00-0540	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	522.14	58.52
		For 7 Ply Cold Press Construction, Deduct	*-8.10*	
		For Stave Lumber Core (SLC), Add	*303.83*	
		For Structural Composite Lumber Core (SCLC), Add	*182.30*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*218.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*303.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*486.13*	
		For >50 To 100, Deduct	*-29.03*	
		For >100, Deduct	*-42.09*	
08 14 16 00-0541	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	548.75	58.52
		For 7 Ply Cold Press Construction, Deduct	*-8.63*	
		For Stave Lumber Core (SLC), Add	*323.79*	
		For Structural Composite Lumber Core (SCLC), Add	*194.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*233.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*323.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*518.06*	
		For >50 To 100, Deduct	*-30.36*	
		For >100, Deduct	*-44.08*	
08 14 16 00-0542	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	665.92	60.95
		For 7 Ply Cold Press Construction, Deduct	*-10.88*	
		For Stave Lumber Core (SLC), Add	*408.01*	
		For Structural Composite Lumber Core (SCLC), Add	*244.80*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*293.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*408.01*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*652.81*	
		For >50 To 100, Deduct	*-36.34*	
		For >100, Deduct	*-52.99*	
08 14 16 00-0543	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	693.11	60.95
		For 7 Ply Cold Press Construction, Deduct	*-11.42*	
		For Stave Lumber Core (SLC), Add	*428.40*	
		For Structural Composite Lumber Core (SCLC), Add	*257.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*68.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*308.45*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*428.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*685.44*	
		For >50 To 100, Deduct	*-37.70*	
		For >100, Deduct	*-55.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0544	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	747.54	60.95
		For 7 Ply Cold Press Construction, Deduct	*-12.51*	
		For Stave Lumber Core (SLC), Add	*469.22*	
		For Structural Composite Lumber Core (SCLC), Add	*281.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*75.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*337.84*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*469.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*750.76*	
		For >50 To 100, Deduct	*-40.42*	
		For >100, Deduct	*-59.11*	
08 14 16 00-0545	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	509.99	53.64
		For 7 Ply Cold Press Construction, Deduct	*-8.05*	
		For Stave Lumber Core (SLC), Add	*302.03*	
		For Structural Composite Lumber Core (SCLC), Add	*181.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*217.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*302.03*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*483.25*	
		For >50 To 100, Deduct	*-28.18*	
		For >100, Deduct	*-40.93*	
08 14 16 00-0546	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	509.99	53.64
		For 7 Ply Cold Press Construction, Deduct	*-8.05*	
		For Stave Lumber Core (SLC), Add	*302.03*	
		For Structural Composite Lumber Core (SCLC), Add	*181.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*217.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*302.03*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*483.25*	
		For >50 To 100, Deduct	*-28.18*	
		For >100, Deduct	*-40.93*	
08 14 16 00-0547	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	514.99	56.08
		For 7 Ply Cold Press Construction, Deduct	*-8.06*	
		For Stave Lumber Core (SLC), Add	*302.13*	
		For Structural Composite Lumber Core (SCLC), Add	*181.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*217.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*302.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*483.41*	
		For >50 To 100, Deduct	*-28.55*	
		For >100, Deduct	*-41.43*	
08 14 16 00-0548	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	519.15	56.08
		For 7 Ply Cold Press Construction, Deduct	*-8.14*	
		For Stave Lumber Core (SLC), Add	*305.25*	
		For Structural Composite Lumber Core (SCLC), Add	*183.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*219.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*305.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*488.40*	
		For >50 To 100, Deduct	*-28.76*	
		For >100, Deduct	*-41.74*	
08 14 16 00-0549	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	530.00	56.08
		For 7 Ply Cold Press Construction, Deduct	*-8.36*	
		For Stave Lumber Core (SLC), Add	*313.39*	
		For Structural Composite Lumber Core (SCLC), Add	*188.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*225.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*313.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*501.42*	
		For >50 To 100, Deduct	*-29.30*	
		For >100, Deduct	*-42.55*	
08 14 16 00-0550	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	545.71	58.52
		For 7 Ply Cold Press Construction, Deduct	*-8.57*	
		For Stave Lumber Core (SLC), Add	*321.51*	
		For Structural Composite Lumber Core (SCLC), Add	*192.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*231.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*321.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*514.42*	
		For >50 To 100, Deduct	*-30.21*	
		For >100, Deduct	*-43.85*	
08 14 16 00-0551	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	573.88	58.52
		For 7 Ply Cold Press Construction, Deduct	*-9.14*	
		For Stave Lumber Core (SLC), Add	*342.64*	
		For Structural Composite Lumber Core (SCLC), Add	*205.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*246.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*342.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*548.22*	
		For >50 To 100, Deduct	*-31.62*	
		For >100, Deduct	*-45.97*	
08 14 16 00-0552	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	697.57	60.95
		For 7 Ply Cold Press Construction, Deduct	*-11.51*	
		For Stave Lumber Core (SLC), Add	*431.75*	
		For Structural Composite Lumber Core (SCLC), Add	*259.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*69.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*310.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*431.75*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*690.79*	
		For >50 To 100, Deduct	*-37.93*	
		For >100, Deduct	*-55.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0553	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	726.35	60.95
		For 7 Ply Cold Press Construction, Deduct	*-12.09*	
		For Stave Lumber Core (SLC), Add	*453.33*	
		For Structural Composite Lumber Core (SCLC), Add	*272.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*72.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*326.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*453.33*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*725.33*	
		For >50 To 100, Deduct	*-39.37*	
		For >100, Deduct	*-57.52*	
08 14 16 00-0554	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	783.94	60.95
		For 7 Ply Cold Press Construction, Deduct	*-13.24*	
		For Stave Lumber Core (SLC), Add	*496.52*	
		For Structural Composite Lumber Core (SCLC), Add	*297.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*79.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*357.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*496.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*794.44*	
		For >50 To 100, Deduct	*-42.24*	
		For >100, Deduct	*-61.84*	
08 14 16 00-0555	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	588.53	53.64
		For 7 Ply Cold Press Construction, Deduct	*-9.63*	
		For Stave Lumber Core (SLC), Add	*360.94*	
		For Structural Composite Lumber Core (SCLC), Add	*216.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*57.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*259.88*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*360.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*577.50*	
		For >50 To 100, Deduct	*-32.11*	
		For >100, Deduct	*-46.82*	
		For 9' Door Height, Add	*101.06*	
08 14 16 00-0556	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	588.53	53.64
		For 7 Ply Cold Press Construction, Deduct	*-9.63*	
		For Stave Lumber Core (SLC), Add	*360.94*	
		For Structural Composite Lumber Core (SCLC), Add	*216.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*57.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*259.88*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*360.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*577.50*	
		For >50 To 100, Deduct	*-32.11*	
		For >100, Deduct	*-46.82*	
		For 9' Door Height, Add	*101.06*	
08 14 16 00-0557	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	593.55	56.08
		For 7 Ply Cold Press Construction, Deduct	*-9.63*	
		For Stave Lumber Core (SLC), Add	*361.05*	
		For Structural Composite Lumber Core (SCLC), Add	*216.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*57.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*259.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*361.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*577.68*	
		For >50 To 100, Deduct	*-32.48*	
		For >100, Deduct	*-47.32*	
		For 9' Door Height, Add	*101.09*	
08 14 16 00-0558	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	598.52	56.08
		For 7 Ply Cold Press Construction, Deduct	*-9.73*	
		For Stave Lumber Core (SLC), Add	*364.78*	
		For Structural Composite Lumber Core (SCLC), Add	*218.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*262.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*364.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*583.64*	
		For >50 To 100, Deduct	*-32.73*	
		For >100, Deduct	*-47.69*	
		For 9' Door Height, Add	*102.14*	
08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	611.48	56.08
		For 7 Ply Cold Press Construction, Deduct	*-9.99*	
		For Stave Lumber Core (SLC), Add	*374.50*	
		For Structural Composite Lumber Core (SCLC), Add	*224.70*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*269.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*374.50*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*599.20*	
		For >50 To 100, Deduct	*-33.38*	
		For >100, Deduct	*-48.66*	
		For 9' Door Height, Add	*104.86*	
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	629.31	58.52
		For 7 Ply Cold Press Construction, Deduct	*-10.25*	
		For Stave Lumber Core (SLC), Add	*384.21*	
		For Structural Composite Lumber Core (SCLC), Add	*230.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*61.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*276.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*384.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*614.74*	
		For >50 To 100, Deduct	*-34.39*	
		For >100, Deduct	*-50.12*	
		For 9' Door Height, Add	*107.58*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	662.97	58.52
		For 7 Ply Cold Press Construction, Deduct	*-10.92*	
		For Stave Lumber Core (SLC), Add	*409.46*	
		For Structural Composite Lumber Core (SCLC), Add	*245.67*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.51*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*294.81*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*409.46*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*655.13*	
		For >50 To 100, Deduct	*-36.07*	
		For >100, Deduct	*-52.65*	
		For 9' Door Height, Add	*114.65*	
08 14 16 00-0562	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	809.83	60.95
		For 7 Ply Cold Press Construction, Deduct	*-13.76*	
		For Stave Lumber Core (SLC), Add	*515.94*	
		For Structural Composite Lumber Core (SCLC), Add	*309.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*82.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*371.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*515.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*825.50*	
		For >50 To 100, Deduct	*-43.54*	
		For >100, Deduct	*-63.79*	
		For 9' Door Height, Add	*144.46*	
08 14 16 00-0563	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	844.22	60.95
		For 7 Ply Cold Press Construction, Deduct	*-14.45*	
		For Stave Lumber Core (SLC), Add	*541.73*	
		For Structural Composite Lumber Core (SCLC), Add	*325.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*86.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*390.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*541.73*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*866.77*	
		For >50 To 100, Deduct	*-45.26*	
		For >100, Deduct	*-66.36*	
		For 9' Door Height, Add	*151.69*	
08 14 16 00-0564	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	913.03	60.95
		For 7 Ply Cold Press Construction, Deduct	*-15.82*	
		For Stave Lumber Core (SLC), Add	*593.34*	
		For Structural Composite Lumber Core (SCLC), Add	*356.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*94.93*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*427.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*593.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*949.34*	
		For >50 To 100, Deduct	*-48.70*	
		For >100, Deduct	*-71.53*	
		For 9' Door Height, Add	*166.14*	

08 14 16 00-0565 Lauan Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0566	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	260.23	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*82.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*114.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*183.54*	
		For >50 To 100, Deduct	*-15.69*	
		For >100, Deduct	*-22.20*	
08 14 16 00-0567	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	260.23	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*82.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*114.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*183.54*	
		For >50 To 100, Deduct	*-15.69*	
		For >100, Deduct	*-22.20*	
08 14 16 00-0568	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	265.54	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.41*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*82.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*115.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*184.07*	
		For >50 To 100, Deduct	*-16.08*	
		For >100, Deduct	*-22.72*	
08 14 16 00-0569	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	269.95	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*18.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*85.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*118.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*189.36*	
		For >50 To 100, Deduct	*-16.30*	
		For >100, Deduct	*-23.05*	
08 14 16 00-0570	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	271.55	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*119.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*191.28*	
		For >50 To 100, Deduct	*-16.38*	
		For >100, Deduct	*-23.17*	
08 14 16 00-0571	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	278.02	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.32*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.93*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*120.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*193.19*	
		For >50 To 100, Deduct	*-16.83*	
		For >100, Deduct	*-23.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0572	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	292.57	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.06*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*94.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*131.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*210.65*	
		For >50 To 100, Deduct	*-17.55*	
		For >100, Deduct	*-24.87*	
08 14 16 00-0573	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	309.97	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.55*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*141.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.67*	
		For >50 To 100, Deduct	*-18.55*	
		For >100, Deduct	*-26.30*	
08 14 16 00-0574	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	319.37	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.70*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*148.10*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*236.95*	
		For >50 To 100, Deduct	*-19.02*	
		For >100, Deduct	*-27.00*	
08 14 16 00-0575	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	338.19	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*116.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*162.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*259.54*	
		For >50 To 100, Deduct	*-19.96*	
		For >100, Deduct	*-28.41*	
08 14 16 00-0576	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	269.13	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*87.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*121.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*194.22*	
		For >50 To 100, Deduct	*-16.14*	
		For >100, Deduct	*-22.87*	
08 14 16 00-0577	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	269.13	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*87.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*121.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*194.22*	
		For >50 To 100, Deduct	*-16.14*	
		For >100, Deduct	*-22.87*	
08 14 16 00-0578	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	274.47	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.48*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*87.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*121.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*194.78*	
		For >50 To 100, Deduct	*-16.53*	
		For >100, Deduct	*-23.39*	
08 14 16 00-0579	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	279.13	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*90.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*125.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*200.38*	
		For >50 To 100, Deduct	*-16.76*	
		For >100, Deduct	*-23.74*	
08 14 16 00-0580	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	280.83	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*91.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*126.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*202.42*	
		For >50 To 100, Deduct	*-16.85*	
		For >100, Deduct	*-23.87*	
08 14 16 00-0581	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	287.39	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*91.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*127.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*204.43*	
		For >50 To 100, Deduct	*-17.30*	
		For >100, Deduct	*-24.48*	
08 14 16 00-0582	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	302.78	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*100.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*139.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*222.90*	
		For >50 To 100, Deduct	*-18.06*	
		For >100, Deduct	*-25.63*	
08 14 16 00-0583	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	320.91	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.25*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*238.80*	
		For >50 To 100, Deduct	*-19.09*	
		For >100, Deduct	*-27.12*	
08 14 16 00-0584	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	330.86	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*112.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*156.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*250.74*	
		For >50 To 100, Deduct	*-19.59*	
		For >100, Deduct	*-27.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0585	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	350.78	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*123.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*171.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*274.64*	
		For >50 To 100, Deduct	*-20.59*	
		For >100, Deduct	*-29.36*	
08 14 16 00-0586	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	300.68	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*104.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*145.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*232.08*	
		For >50 To 100, Deduct	*-17.72*	
		For >100, Deduct	*-25.23*	
		For 9' Door Height, Add	*40.61*	
08 14 16 00-0587	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	300.68	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*104.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*145.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*232.08*	
		For >50 To 100, Deduct	*-17.72*	
		For >100, Deduct	*-25.23*	
		For 9' Door Height, Add	*40.61*	
08 14 16 00-0588	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	306.11	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*104.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*145.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*232.75*	
		For >50 To 100, Deduct	*-18.11*	
		For >100, Deduct	*-25.76*	
		For 9' Door Height, Add	*40.73*	
08 14 16 00-0589	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	311.69	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.75*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*239.45*	
		For >50 To 100, Deduct	*-18.39*	
		For >100, Deduct	*-26.18*	
		For 9' Door Height, Add	*41.90*	
08 14 16 00-0590	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	313.73	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.19*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*241.90*	
		For >50 To 100, Deduct	*-18.49*	
		For >100, Deduct	*-26.33*	
		For 9' Door Height, Add	*42.33*	
08 14 16 00-0591	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	320.62	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.94*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*152.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*244.31*	
		For >50 To 100, Deduct	*-18.96*	
		For >100, Deduct	*-26.97*	
		For 9' Door Height, Add	*42.75*	
08 14 16 00-0592	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	339.01	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.64*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*119.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*166.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*266.38*	
		For >50 To 100, Deduct	*-19.88*	
		For >100, Deduct	*-28.35*	
		For 9' Door Height, Add	*46.62*	
08 14 16 00-0593	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	359.72	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*128.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*178.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*285.37*	
		For >50 To 100, Deduct	*-21.03*	
		For >100, Deduct	*-30.03*	
		For 9' Door Height, Add	*49.94*	
08 14 16 00-0594	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	371.60	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.96*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*187.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*299.63*	
		For >50 To 100, Deduct	*-21.63*	
		For >100, Deduct	*-30.92*	
		For 9' Door Height, Add	*52.43*	
08 14 16 00-0595	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	395.41	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*147.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*205.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*328.20*	
		For >50 To 100, Deduct	*-22.82*	
		For >100, Deduct	*-32.70*	
		For 9' Door Height, Add	*57.44*	

08 14 16 00-0596 Medium Density Overlay (MDO) Wood Doors *(08 14 16 00-0440)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0597	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	266.72	53.64
		For Stave Lumber Core (SLC), Add	*119.58*	
		For Structural Composite Lumber Core (SCLC), Add	*71.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.13*	
		For >50 To 100, Deduct	*-16.02*	
		For >100, Deduct	*-22.69*	
08 14 16 00-0598	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	266.72	53.64
		For Stave Lumber Core (SLC), Add	*119.58*	
		For Structural Composite Lumber Core (SCLC), Add	*71.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.13*	
		For >50 To 100, Deduct	*-16.02*	
		For >100, Deduct	*-22.69*	
08 14 16 00-0599	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	280.83	56.08
		For Stave Lumber Core (SLC), Add	*126.51*	
		For Structural Composite Lumber Core (SCLC), Add	*75.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.24*	
		For >50 To 100, Deduct	*-16.85*	
		For >100, Deduct	*-23.87*	
08 14 16 00-0600	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	290.04	56.08
		For Stave Lumber Core (SLC), Add	*133.42*	
		For Structural Composite Lumber Core (SCLC), Add	*80.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.35*	
		For >50 To 100, Deduct	*-17.31*	
		For >100, Deduct	*-24.56*	
08 14 16 00-0601	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	291.75	56.08
		For Stave Lumber Core (SLC), Add	*134.70*	
		For Structural Composite Lumber Core (SCLC), Add	*80.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.55*	
		For >50 To 100, Deduct	*-17.39*	
		For >100, Deduct	*-24.69*	
08 14 16 00-0602	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	298.37	58.52
		For Stave Lumber Core (SLC), Add	*136.01*	
		For Structural Composite Lumber Core (SCLC), Add	*81.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.76*	
		For >50 To 100, Deduct	*-17.84*	
		For >100, Deduct	*-25.30*	
08 14 16 00-0603	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	318.36	58.52
		For Stave Lumber Core (SLC), Add	*151.00*	
		For Structural Composite Lumber Core (SCLC), Add	*90.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.16*	
		For >50 To 100, Deduct	*-18.84*	
		For >100, Deduct	*-26.80*	
08 14 16 00-0604	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	359.74	60.95
		For Stave Lumber Core (SLC), Add	*178.37*	
		For Structural Composite Lumber Core (SCLC), Add	*107.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.54*	
		For >50 To 100, Deduct	*-21.03*	
		For >100, Deduct	*-30.03*	
08 14 16 00-0605	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	371.65	60.95
		For Stave Lumber Core (SLC), Add	*187.31*	
		For Structural Composite Lumber Core (SCLC), Add	*112.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.97*	
		For >50 To 100, Deduct	*-21.63*	
		For >100, Deduct	*-30.92*	
08 14 16 00-0606	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	395.41	60.95
		For Stave Lumber Core (SLC), Add	*205.13*	
		For Structural Composite Lumber Core (SCLC), Add	*123.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.82*	
		For >50 To 100, Deduct	*-22.82*	
		For >100, Deduct	*-32.70*	
08 14 16 00-0607	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	276.01	53.64
		For Stave Lumber Core (SLC), Add	*126.55*	
		For Structural Composite Lumber Core (SCLC), Add	*75.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.25*	
		For >50 To 100, Deduct	*-16.48*	
		For >100, Deduct	*-23.38*	
08 14 16 00-0608	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	276.01	53.64
		For Stave Lumber Core (SLC), Add	*126.55*	
		For Structural Composite Lumber Core (SCLC), Add	*75.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.25*	
		For >50 To 100, Deduct	*-16.48*	
		For >100, Deduct	*-23.38*	
08 14 16 00-0609	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	290.65	56.08
		For Stave Lumber Core (SLC), Add	*133.88*	
		For Structural Composite Lumber Core (SCLC), Add	*80.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.42*	
		For >50 To 100, Deduct	*-17.34*	
		For >100, Deduct	*-24.60*	
08 14 16 00-0610	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	300.40	56.08
		For Stave Lumber Core (SLC), Add	*141.19*	
		For Structural Composite Lumber Core (SCLC), Add	*84.71*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.59*	
		For >50 To 100, Deduct	*-17.82*	
		For >100, Deduct	*-25.33*	
08 14 16 00-0611	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	302.21	56.08
		For Stave Lumber Core (SLC), Add	*142.55*	
		For Structural Composite Lumber Core (SCLC), Add	*85.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.81*	
		For >50 To 100, Deduct	*-17.91*	
		For >100, Deduct	*-25.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0612	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	308.93	58.52
		For Stave Lumber Core (SLC), Add	*143.93*	
		For Structural Composite Lumber Core (SCLC), Add	*86.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.03*	
		For >50 To 100, Deduct	*-18.37*	
		For >100, Deduct	*-26.10*	
08 14 16 00-0613	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	330.07	58.52
		For Stave Lumber Core (SLC), Add	*159.78*	
		For Structural Composite Lumber Core (SCLC), Add	*95.87*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.56*	
		For >50 To 100, Deduct	*-19.43*	
		For >100, Deduct	*-27.68*	
08 14 16 00-0614	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	373.58	60.95
		For Stave Lumber Core (SLC), Add	*188.75*	
		For Structural Composite Lumber Core (SCLC), Add	*113.25*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.20*	
		For >50 To 100, Deduct	*-21.73*	
		For >100, Deduct	*-31.07*	
08 14 16 00-0615	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	386.17	60.95
		For Stave Lumber Core (SLC), Add	*198.20*	
		For Structural Composite Lumber Core (SCLC), Add	*118.92*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.71*	
		For >50 To 100, Deduct	*-22.36*	
		For >100, Deduct	*-32.01*	
08 14 16 00-0616	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	411.33	60.95
		For Stave Lumber Core (SLC), Add	*217.07*	
		For Structural Composite Lumber Core (SCLC), Add	*130.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.73*	
		For >50 To 100, Deduct	*-23.61*	
		For >100, Deduct	*-33.90*	
08 14 16 00-0617	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	308.91	53.64
		For Stave Lumber Core (SLC), Add	*151.22*	
		For Structural Composite Lumber Core (SCLC), Add	*90.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.20*	
		For >50 To 100, Deduct	*-18.13*	
		For >100, Deduct	*-25.85*	
		For 9' Door Height, Add	*42.34*	
08 14 16 00-0618	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	308.91	53.64
		For Stave Lumber Core (SLC), Add	*151.22*	
		For Structural Composite Lumber Core (SCLC), Add	*90.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.20*	
		For >50 To 100, Deduct	*-18.13*	
		For >100, Deduct	*-25.85*	
		For 9' Door Height, Add	*42.34*	
08 14 16 00-0619	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	325.46	56.08
		For Stave Lumber Core (SLC), Add	*159.98*	
		For Structural Composite Lumber Core (SCLC), Add	*95.99*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.60*	
		For >50 To 100, Deduct	*-19.08*	
		For >100, Deduct	*-27.21*	
		For 9' Door Height, Add	*44.80*	
08 14 16 00-0620	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	337.12	56.08
		For Stave Lumber Core (SLC), Add	*168.73*	
		For Structural Composite Lumber Core (SCLC), Add	*101.24*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.00*	
		For >50 To 100, Deduct	*-19.66*	
		For >100, Deduct	*-28.09*	
		For 9' Door Height, Add	*47.24*	
08 14 16 00-0621	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	339.28	56.08
		For Stave Lumber Core (SLC), Add	*170.35*	
		For Structural Composite Lumber Core (SCLC), Add	*102.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.26*	
		For >50 To 100, Deduct	*-19.77*	
		For >100, Deduct	*-28.25*	
		For 9' Door Height, Add	*47.70*	
08 14 16 00-0622	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	346.36	58.52
		For Stave Lumber Core (SLC), Add	*172.00*	
		For Structural Composite Lumber Core (SCLC), Add	*103.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.52*	
		For >50 To 100, Deduct	*-20.24*	
		For >100, Deduct	*-28.90*	
		For 9' Door Height, Add	*48.16*	
08 14 16 00-0623	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	371.62	58.52
		For Stave Lumber Core (SLC), Add	*190.94*	
		For Structural Composite Lumber Core (SCLC), Add	*114.57*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.55*	
		For >50 To 100, Deduct	*-21.51*	
		For >100, Deduct	*-30.80*	
		For 9' Door Height, Add	*53.46*	
08 14 16 00-0624	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	422.65	60.95
		For Stave Lumber Core (SLC), Add	*225.56*	
		For Structural Composite Lumber Core (SCLC), Add	*135.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.09*	
		For >50 To 100, Deduct	*-24.18*	
		For >100, Deduct	*-34.75*	
		For 9' Door Height, Add	*63.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0625	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	437.71	60.95
		For Stave Lumber Core (SLC), Add	*236.85*	
		For Structural Composite Lumber Core (SCLC), Add	*142.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.90*	
		For >50 To 100, Deduct	*-24.93*	
		For >100, Deduct	*-35.88*	
		For 9' Door Height, Add	*66.32*	
08 14 16 00-0626	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	467.77	60.95
		For Stave Lumber Core (SLC), Add	*259.40*	
		For Structural Composite Lumber Core (SCLC), Add	*155.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.50*	
		For >50 To 100, Deduct	*-26.44*	
		For >100, Deduct	*-38.13*	
		For 9' Door Height, Add	*72.63*	

08 14 16 00-0627 Manufacturer Prefinished Options For Flush Wood Doors *(08 14 16)*

08 14 16 00-0628	EA	Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes any standard manufacturer color on six sides.	42.18	
		For Custom Color To Match Non Standard Manufacturer Finish, Add	*14.05*	

08 14 23 Clad Wood Doors *(08 14)*

08 14 23 13 Metal-Faced Wood Doors *(08 14 23)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core *(08 14 23 13)*

08 14 23 13-0002	EA	2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	588.33	119.95
08 14 23 13-0003	EA	2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	629.45	131.66
08 14 23 13-0004	EA	2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	677.10	145.31
08 14 23 13-0005	EA	3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	707.10	150.19
08 14 23 13-0006	EA	3' 4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	757.54	165.30
08 14 23 13-0007	EA	3' 8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door	819.00	170.67

08 14 23 16 Plastic-Laminate-Faced Wood Doors *(08 14 23)*

08 14 23 16-0001 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 16-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	203.32	53.64
		For Structural Composite Lumber Core (SCLC), Add	*43.22*	
		For 5 Ply Construction, Add	*3.36*	
		For >50 To 100, Deduct	*-12.85*	
		For >100, Deduct	*-17.93*	
08 14 23 16-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	203.32	53.64
		For Structural Composite Lumber Core (SCLC), Add	*43.22*	
		For 5 Ply Construction, Add	*3.36*	
		For >50 To 100, Deduct	*-12.85*	
		For >100, Deduct	*-17.93*	
08 14 23 16-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	213.47	56.08
		For Structural Composite Lumber Core (SCLC), Add	*45.59*	
		For 5 Ply Construction, Add	*3.55*	
		For >50 To 100, Deduct	*-13.48*	
		For >100, Deduct	*-18.81*	
08 14 23 16-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	218.75	56.08
		For Structural Composite Lumber Core (SCLC), Add	*47.97*	
		For 5 Ply Construction, Add	*3.73*	
		For >50 To 100, Deduct	*-13.74*	
		For >100, Deduct	*-19.21*	
08 14 23 16-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	221.41	56.08
		For Structural Composite Lumber Core (SCLC), Add	*49.17*	
		For 5 Ply Construction, Add	*3.82*	
		For >50 To 100, Deduct	*-13.87*	
		For >100, Deduct	*-19.41*	
08 14 23 16-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	228.94	58.52
		For Structural Composite Lumber Core (SCLC), Add	*50.36*	
		For 5 Ply Construction, Add	*3.92*	
		For >50 To 100, Deduct	*-14.37*	
		For >100, Deduct	*-20.10*	
08 14 23 16-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	241.25	58.52
		For Structural Composite Lumber Core (SCLC), Add	*55.90*	
		For 5 Ply Construction, Add	*4.35*	
		For >50 To 100, Deduct	*-14.99*	
		For >100, Deduct	*-21.02*	
08 14 23 16-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	254.08	60.95
		For Structural Composite Lumber Core (SCLC), Add	*59.48*	
		For 5 Ply Construction, Add	*4.63*	
		For >50 To 100, Deduct	*-15.75*	
		For >100, Deduct	*-22.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	208.90	53.64
		For Structural Composite Lumber Core (SCLC), Add	*45.73*	
		For 5 Ply Construction, Add	*3.56*	
		For >50 To 100, Deduct	*-13.13*	
		For >100, Deduct	*-18.35*	
08 14 23 16-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	208.90	53.64
		For Structural Composite Lumber Core (SCLC), Add	*45.73*	
		For 5 Ply Construction, Add	*3.56*	
		For >50 To 100, Deduct	*-13.13*	
		For >100, Deduct	*-18.35*	
08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	219.37	56.08
		For Structural Composite Lumber Core (SCLC), Add	*48.25*	
		For 5 Ply Construction, Add	*3.75*	
		For >50 To 100, Deduct	*-13.77*	
		For >100, Deduct	*-19.26*	
08 14 23 16-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	224.95	56.08
		For Structural Composite Lumber Core (SCLC), Add	*50.76*	
		For 5 Ply Construction, Add	*3.95*	
		For >50 To 100, Deduct	*-14.05*	
		For >100, Deduct	*-19.68*	
08 14 23 16-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	227.77	56.08
		For Structural Composite Lumber Core (SCLC), Add	*52.03*	
		For 5 Ply Construction, Add	*4.05*	
		For >50 To 100, Deduct	*-14.19*	
		For >100, Deduct	*-19.89*	
08 14 23 16-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	235.46	58.52
		For Structural Composite Lumber Core (SCLC), Add	*53.29*	
		For 5 Ply Construction, Add	*4.15*	
		For >50 To 100, Deduct	*-14.70*	
		For >100, Deduct	*-20.59*	
08 14 23 16-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	248.48	58.52
		For Structural Composite Lumber Core (SCLC), Add	*59.15*	
		For 5 Ply Construction, Add	*4.60*	
		For >50 To 100, Deduct	*-15.35*	
		For >100, Deduct	*-21.56*	
08 14 23 16-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	261.77	60.95
		For Structural Composite Lumber Core (SCLC), Add	*62.94*	
		For 5 Ply Construction, Add	*4.90*	
		For >50 To 100, Deduct	*-16.14*	
		For >100, Deduct	*-22.68*	
08 14 23 16-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	228.72	53.64
		For Structural Composite Lumber Core (SCLC), Add	*54.65*	
		For 5 Ply Construction, Add	*4.25*	
		For >50 To 100, Deduct	*-14.12*	
		For >100, Deduct	*-19.84*	
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	228.72	53.64
		For Structural Composite Lumber Core (SCLC), Add	*54.65*	
		For 5 Ply Construction, Add	*4.25*	
		For >50 To 100, Deduct	*-14.12*	
		For >100, Deduct	*-19.84*	
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	240.27	56.08
		For Structural Composite Lumber Core (SCLC), Add	*57.65*	
		For 5 Ply Construction, Add	*4.48*	
		For >50 To 100, Deduct	*-14.82*	
		For >100, Deduct	*-20.82*	
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	246.95	56.08
		For Structural Composite Lumber Core (SCLC), Add	*60.66*	
		For 5 Ply Construction, Add	*4.72*	
		For >50 To 100, Deduct	*-15.15*	
		For >100, Deduct	*-21.33*	
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	250.32	56.08
		For Structural Composite Lumber Core (SCLC), Add	*62.18*	
		For 5 Ply Construction, Add	*4.84*	
		For >50 To 100, Deduct	*-15.32*	
		For >100, Deduct	*-21.58*	
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	258.55	58.52
		For Structural Composite Lumber Core (SCLC), Add	*63.68*	
		For 5 Ply Construction, Add	*4.95*	
		For >50 To 100, Deduct	*-15.85*	
		For >100, Deduct	*-22.32*	
08 14 23 16-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	274.11	58.52
		For Structural Composite Lumber Core (SCLC), Add	*70.69*	
		For 5 Ply Construction, Add	*5.50*	
		For >50 To 100, Deduct	*-16.63*	
		For >100, Deduct	*-23.48*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	289.04	60.95
		For Structural Composite Lumber Core (SCLC), Add	*75.21*	
		For 5 Ply Construction, Add	*5.85*	
		For >50 To 100, Deduct	*-17.50*	
		For >100, Deduct	*-24.73*	

08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 16-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	270.90	53.64
		For 5 Ply Construction, Add	*5.73*	
		For Stave Lumber Core (SLC), Add	*122.72*	
		For Structural Composite Lumber Core (SCLC), Add	*73.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*122.72*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*196.34*	
		For >50 To 100, Deduct	*-16.23*	
		For >100, Deduct	*-23.00*	
08 14 23 16-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	270.89	53.64
		For 5 Ply Construction, Add	*5.73*	
		For Stave Lumber Core (SLC), Add	*122.71*	
		For Structural Composite Lumber Core (SCLC), Add	*73.62*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.63*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*122.71*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*196.33*	
		For >50 To 100, Deduct	*-16.23*	
		For >100, Deduct	*-23.00*	
08 14 23 16-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	280.88	56.08
		For 5 Ply Construction, Add	*5.91*	
		For Stave Lumber Core (SLC), Add	*126.55*	
		For Structural Composite Lumber Core (SCLC), Add	*75.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*91.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*126.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*202.48*	
		For >50 To 100, Deduct	*-16.85*	
		For >100, Deduct	*-23.87*	
08 14 23 16-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	280.88	56.08
		For 5 Ply Construction, Add	*5.91*	
		For Stave Lumber Core (SLC), Add	*126.55*	
		For Structural Composite Lumber Core (SCLC), Add	*75.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*91.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*126.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*202.48*	
		For >50 To 100, Deduct	*-16.85*	
		For >100, Deduct	*-23.87*	
08 14 23 16-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	291.01	56.08
		For 5 Ply Construction, Add	*6.26*	
		For Stave Lumber Core (SLC), Add	*134.15*	
		For Structural Composite Lumber Core (SCLC), Add	*80.49*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*96.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*134.15*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*214.63*	
		For >50 To 100, Deduct	*-17.35*	
		For >100, Deduct	*-24.63*	
08 14 23 16-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	306.02	58.52
		For 5 Ply Construction, Add	*6.61*	
		For Stave Lumber Core (SLC), Add	*141.74*	
		For Structural Composite Lumber Core (SCLC), Add	*85.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*102.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*141.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*226.79*	
		For >50 To 100, Deduct	*-18.23*	
		For >100, Deduct	*-25.88*	
08 14 23 16-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	316.38	58.52
		For 5 Ply Construction, Add	*6.98*	
		For Stave Lumber Core (SLC), Add	*149.51*	
		For Structural Composite Lumber Core (SCLC), Add	*89.71*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*239.22*	
		For >50 To 100, Deduct	*-18.74*	
		For >100, Deduct	*-26.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	326.43	60.95
		For 5 Ply Construction, Add	*7.16*	
		For Stave Lumber Core (SLC), Add	*153.39*	
		For Structural Composite Lumber Core (SCLC), Add	*92.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*110.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*153.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*245.42*	
		For >50 To 100, Deduct	*-19.37*	
		For >100, Deduct	*-27.53*	
08 14 23 16-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	336.65	60.95
		For 5 Ply Construction, Add	*7.52*	
		For Stave Lumber Core (SLC), Add	*161.06*	
		For Structural Composite Lumber Core (SCLC), Add	*96.63*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.77*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.96*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*161.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*257.69*	
		For >50 To 100, Deduct	*-19.88*	
		For >100, Deduct	*-28.30*	
08 14 23 16-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	366.86	65.83
		For 5 Ply Construction, Add	*8.23*	
		For Stave Lumber Core (SLC), Add	*176.40*	
		For Structural Composite Lumber Core (SCLC), Add	*105.84*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*127.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*176.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*282.24*	
		For >50 To 100, Deduct	*-21.63*	
		For >100, Deduct	*-30.81*	
08 14 23 16-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	280.42	53.64
		For 5 Ply Construction, Add	*6.06*	
		For Stave Lumber Core (SLC), Add	*129.86*	
		For Structural Composite Lumber Core (SCLC), Add	*77.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*93.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*129.86*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*207.77*	
		For >50 To 100, Deduct	*-16.70*	
		For >100, Deduct	*-23.71*	
08 14 23 16-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	280.41	53.64
		For 5 Ply Construction, Add	*6.06*	
		For Stave Lumber Core (SLC), Add	*129.85*	
		For Structural Composite Lumber Core (SCLC), Add	*77.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*93.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*129.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*207.76*	
		For >50 To 100, Deduct	*-16.70*	
		For >100, Deduct	*-23.71*	
08 14 23 16-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	290.70	56.08
		For 5 Ply Construction, Add	*6.25*	
		For Stave Lumber Core (SLC), Add	*133.91*	
		For Structural Composite Lumber Core (SCLC), Add	*80.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*96.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*214.26*	
		For >50 To 100, Deduct	*-17.34*	
		For >100, Deduct	*-24.61*	
08 14 23 16-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	290.70	56.08
		For 5 Ply Construction, Add	*6.25*	
		For Stave Lumber Core (SLC), Add	*133.91*	
		For Structural Composite Lumber Core (SCLC), Add	*80.35*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*96.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*214.26*	
		For >50 To 100, Deduct	*-17.34*	
		For >100, Deduct	*-24.61*	
08 14 23 16-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	301.42	56.08
		For 5 Ply Construction, Add	*6.62*	
		For Stave Lumber Core (SLC), Add	*141.95*	
		For Structural Composite Lumber Core (SCLC), Add	*85.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*102.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*141.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*227.12*	
		For >50 To 100, Deduct	*-17.87*	
		For >100, Deduct	*-25.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	317.02	58.52
		For 5 Ply Construction, Add	*7.00*	
		For Stave Lumber Core (SLC), Add	*149.99*	
		For Structural Composite Lumber Core (SCLC), Add	*90.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*107.99*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*149.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*239.99*	
		For >50 To 100, Deduct	*-18.78*	
		For >100, Deduct	*-26.70*	
08 14 23 16-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	327.98	58.52
		For 5 Ply Construction, Add	*7.38*	
		For Stave Lumber Core (SLC), Add	*158.21*	
		For Structural Composite Lumber Core (SCLC), Add	*94.93*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.31*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*113.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*158.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*253.14*	
		For >50 To 100, Deduct	*-19.32*	
		For >100, Deduct	*-27.52*	
08 14 23 16-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	338.33	60.95
		For 5 Ply Construction, Add	*7.57*	
		For Stave Lumber Core (SLC), Add	*162.32*	
		For Structural Composite Lumber Core (SCLC), Add	*97.39*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*116.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*162.32*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*259.70*	
		For >50 To 100, Deduct	*-19.96*	
		For >100, Deduct	*-28.42*	
08 14 23 16-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	349.15	60.95
		For 5 Ply Construction, Add	*7.95*	
		For Stave Lumber Core (SLC), Add	*170.43*	
		For Structural Composite Lumber Core (SCLC), Add	*102.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*122.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*170.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*272.69*	
		For >50 To 100, Deduct	*-20.51*	
		For >100, Deduct	*-29.23*	
08 14 23 16-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	380.54	65.83
		For 5 Ply Construction, Add	*8.71*	
		For Stave Lumber Core (SLC), Add	*186.66*	
		For Structural Composite Lumber Core (SCLC), Add	*112.00*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.87*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*186.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*298.66*	
		For >50 To 100, Deduct	*-22.32*	
		For >100, Deduct	*-31.83*	
08 14 23 16-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	314.18	53.64
		For 5 Ply Construction, Add	*7.24*	
		For Stave Lumber Core (SLC), Add	*155.18*	
		For Structural Composite Lumber Core (SCLC), Add	*93.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*111.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.18*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*248.28*	
		For >50 To 100, Deduct	*-18.39*	
		For >100, Deduct	*-26.25*	
08 14 23 16-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	314.17	53.64
		For 5 Ply Construction, Add	*7.24*	
		For Stave Lumber Core (SLC), Add	*155.17*	
		For Structural Composite Lumber Core (SCLC), Add	*93.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*111.72*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*248.27*	
		For >50 To 100, Deduct	*-18.39*	
		For >100, Deduct	*-26.24*	
08 14 23 16-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	325.51	56.08
		For 5 Ply Construction, Add	*7.47*	
		For Stave Lumber Core (SLC), Add	*160.02*	
		For Structural Composite Lumber Core (SCLC), Add	*96.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*160.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*256.03*	
		For >50 To 100, Deduct	*-19.08*	
		For >100, Deduct	*-27.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	325.51	56.08
		For 5 Ply Construction, Add	*7.47*	
		For Stave Lumber Core (SLC), Add	*160.02*	
		For Structural Composite Lumber Core (SCLC), Add	*96.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.21*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*160.02*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*256.03*	
		For >50 To 100, Deduct	*-19.08*	
		For >100, Deduct	*-27.22*	
08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	338.32	56.08
		For 5 Ply Construction, Add	*7.92*	
		For Stave Lumber Core (SLC), Add	*169.63*	
		For Structural Composite Lumber Core (SCLC), Add	*101.78*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*122.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*169.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*271.40*	
		For >50 To 100, Deduct	*-19.72*	
		For >100, Deduct	*-28.18*	
08 14 23 16-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	356.02	58.52
		For 5 Ply Construction, Add	*8.36*	
		For Stave Lumber Core (SLC), Add	*179.24*	
		For Structural Composite Lumber Core (SCLC), Add	*107.55*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*129.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*179.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*286.79*	
		For >50 To 100, Deduct	*-20.73*	
		For >100, Deduct	*-29.63*	
08 14 23 16-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	369.11	58.52
		For 5 Ply Construction, Add	*8.82*	
		For Stave Lumber Core (SLC), Add	*189.06*	
		For Structural Composite Lumber Core (SCLC), Add	*113.44*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*136.12*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*189.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*302.50*	
		For >50 To 100, Deduct	*-21.38*	
		For >100, Deduct	*-30.61*	
08 14 23 16-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	380.53	60.95
		For 5 Ply Construction, Add	*9.05*	
		For Stave Lumber Core (SLC), Add	*193.97*	
		For Structural Composite Lumber Core (SCLC), Add	*116.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*310.34*	
		For >50 To 100, Deduct	*-22.07*	
		For >100, Deduct	*-31.59*	
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	393.46	60.95
		For 5 Ply Construction, Add	*9.50*	
		For Stave Lumber Core (SLC), Add	*203.66*	
		For Structural Composite Lumber Core (SCLC), Add	*122.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*146.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*203.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*325.86*	
		For >50 To 100, Deduct	*-22.72*	
		For >100, Deduct	*-32.56*	
08 14 23 16-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	429.07	65.83
		For 5 Ply Construction, Add	*10.41*	
		For Stave Lumber Core (SLC), Add	*223.06*	
		For Structural Composite Lumber Core (SCLC), Add	*133.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*160.60*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*223.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*356.89*	
		For >50 To 100, Deduct	*-24.75*	
		For >100, Deduct	*-35.47*	

08 14 23 19 Molded-Hardboard-Faced Wood Doors *(08 14 23)*

08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	198.28	53.64
		For >50 To 100, Deduct	*-12.60*	
		For >100, Deduct	*-17.55*	
08 14 23 19-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	198.28	53.64
		For >50 To 100, Deduct	*-12.60*	
		For >100, Deduct	*-17.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	209.79	56.08
		For >50 To 100, Deduct	*-13.29*	
		For >100, Deduct	*-18.54*	
08 14 23 19-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	212.95	56.08
		For >50 To 100, Deduct	*-13.45*	
		For >100, Deduct	*-18.78*	
08 14 23 19-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	216.09	56.08
		For >50 To 100, Deduct	*-13.61*	
		For >100, Deduct	*-19.01*	
08 14 23 19-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	224.13	58.52
		For >50 To 100, Deduct	*-14.13*	
		For >100, Deduct	*-19.74*	
08 14 23 19-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	235.88	58.52
		For >50 To 100, Deduct	*-14.72*	
		For >100, Deduct	*-20.62*	
08 14 23 19-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.38	60.95
		For >50 To 100, Deduct	*-15.47*	
		For >100, Deduct	*-21.68*	
08 14 23 19-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	203.57	53.64
		For >50 To 100, Deduct	*-12.86*	
		For >100, Deduct	*-17.95*	
08 14 23 19-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	203.57	53.64
		For >50 To 100, Deduct	*-12.86*	
		For >100, Deduct	*-17.95*	
08 14 23 19-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	215.47	56.08
		For >50 To 100, Deduct	*-13.58*	
		For >100, Deduct	*-18.96*	
08 14 23 19-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	218.81	56.08
		For >50 To 100, Deduct	*-13.74*	
		For >100, Deduct	*-19.21*	
08 14 23 19-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	222.14	56.08
		For >50 To 100, Deduct	*-13.91*	
		For >100, Deduct	*-19.46*	
08 14 23 19-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	230.35	58.52
		For >50 To 100, Deduct	*-14.44*	
		For >100, Deduct	*-20.20*	
08 14 23 19-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	242.79	58.52
		For >50 To 100, Deduct	*-15.07*	
		For >100, Deduct	*-21.14*	
08 14 23 19-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	255.73	60.95
		For >50 To 100, Deduct	*-15.83*	
		For >100, Deduct	*-22.23*	
08 14 23 19-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	222.36	53.64
		For >50 To 100, Deduct	*-13.80*	
		For >100, Deduct	*-19.36*	
08 14 23 19-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	222.36	53.64
		For >50 To 100, Deduct	*-13.80*	
		For >100, Deduct	*-19.36*	
08 14 23 19-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	235.63	56.08
		For >50 To 100, Deduct	*-14.59*	
		For >100, Deduct	*-20.48*	
08 14 23 19-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	239.60	56.08
		For >50 To 100, Deduct	*-14.78*	
		For >100, Deduct	*-20.77*	
08 14 23 19-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	243.60	56.08
		For >50 To 100, Deduct	*-14.98*	
		For >100, Deduct	*-21.07*	
08 14 23 19-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	252.44	58.52
		For >50 To 100, Deduct	*-15.55*	
		For >100, Deduct	*-21.86*	
08 14 23 19-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.31	58.52
		For >50 To 100, Deduct	*-16.29*	
		For >100, Deduct	*-22.97*	
08 14 23 19-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	281.82	60.95
		For >50 To 100, Deduct	*-17.14*	
		For >100, Deduct	*-24.18*	

08 14 23 19-0026 1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	220.67	53.64
		For >50 To 100, Deduct	*-13.72*	
		For >100, Deduct	*-19.23*	
08 14 23 19-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	220.67	53.64
		For >50 To 100, Deduct	*-13.72*	
		For >100, Deduct	*-19.23*	
08 14 23 19-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	228.68	56.08
		For >50 To 100, Deduct	*-14.24*	
		For >100, Deduct	*-19.95*	
08 14 23 19-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	235.00	56.08
		For >50 To 100, Deduct	*-14.55*	
		For >100, Deduct	*-20.43*	
08 14 23 19-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	238.16	56.08
		For >50 To 100, Deduct	*-14.71*	
		For >100, Deduct	*-20.67*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0032		EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	246.15	58.52
			For >50 To 100, Deduct	*-15.23*	
			For >100, Deduct	*-21.39*	
08 14 23 19-0033		EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	253.35	58.52
			For >50 To 100, Deduct	*-15.59*	
			For >100, Deduct	*-21.93*	
08 14 23 19-0034		EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	281.65	60.95
			For >50 To 100, Deduct	*-17.13*	
			For >100, Deduct	*-24.17*	
08 14 23 19-0035		EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	289.63	60.95
			For >50 To 100, Deduct	*-17.53*	
			For >100, Deduct	*-24.77*	
08 14 23 19-0036		EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	305.63	60.95
			For >50 To 100, Deduct	*-18.33*	
			For >100, Deduct	*-25.97*	
08 14 23 19-0037		EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	227.26	53.64
			For >50 To 100, Deduct	*-14.05*	
			For >100, Deduct	*-19.73*	
08 14 23 19-0038		EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	227.26	53.64
			For >50 To 100, Deduct	*-14.05*	
			For >100, Deduct	*-19.73*	
08 14 23 19-0039		EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	235.46	56.08
			For >50 To 100, Deduct	*-14.58*	
			For >100, Deduct	*-20.46*	
08 14 23 19-0040		EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	242.15	56.08
			For >50 To 100, Deduct	*-14.91*	
			For >100, Deduct	*-20.97*	
08 14 23 19-0041		EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	245.48	56.08
			For >50 To 100, Deduct	*-15.08*	
			For >100, Deduct	*-21.21*	
08 14 23 19-0042		EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	253.67	58.52
			For >50 To 100, Deduct	*-15.61*	
			For >100, Deduct	*-21.95*	
08 14 23 19-0043		EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.29	58.52
			For >50 To 100, Deduct	*-15.99*	
			For >100, Deduct	*-22.52*	
08 14 23 19-0044		EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.96	60.95
			For >50 To 100, Deduct	*-17.60*	
			For >100, Deduct	*-24.87*	
08 14 23 19-0045		EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.41	60.95
			For >50 To 100, Deduct	*-18.02*	
			For >100, Deduct	*-25.50*	
08 14 23 19-0046		EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	316.31	60.95
			For >50 To 100, Deduct	*-18.86*	
			For >100, Deduct	*-26.77*	
08 14 23 19-0047		EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	250.66	53.64
			For >50 To 100, Deduct	*-15.22*	
			For >100, Deduct	*-21.48*	
08 14 23 19-0048		EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	250.66	53.64
			For >50 To 100, Deduct	*-15.22*	
			For >100, Deduct	*-21.48*	
08 14 23 19-0049		EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	259.52	56.08
			For >50 To 100, Deduct	*-15.78*	
			For >100, Deduct	*-22.27*	
08 14 23 19-0050		EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.50	56.08
			For >50 To 100, Deduct	*-16.18*	
			For >100, Deduct	*-22.87*	
08 14 23 19-0051		EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	271.47	56.08
			For >50 To 100, Deduct	*-16.38*	
			For >100, Deduct	*-23.16*	
08 14 23 19-0052		EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	280.32	58.52
			For >50 To 100, Deduct	*-16.94*	
			For >100, Deduct	*-23.95*	
08 14 23 19-0053		EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	289.41	58.52
			For >50 To 100, Deduct	*-17.40*	
			For >100, Deduct	*-24.63*	
08 14 23 19-0054		EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	323.93	60.95
			For >50 To 100, Deduct	*-19.24*	
			For >100, Deduct	*-27.34*	
08 14 23 19-0055		EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	334.02	60.95
			For >50 To 100, Deduct	*-19.75*	
			For >100, Deduct	*-28.10*	
08 14 23 19-0056		EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	354.23	60.95
			For >50 To 100, Deduct	*-20.76*	
			For >100, Deduct	*-29.62*	

08 14 23 19-0057 1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0058		EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	234.17	53.64
			For >50 To 100, Deduct	*-14.39*	
			For >100, Deduct	*-20.24*	
08 14 23 19-0059		EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	234.17	53.64
			For >50 To 100, Deduct	*-14.39*	
			For >100, Deduct	*-20.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0060	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	246.41	56.08
		For >50 To 100, Deduct	*-15.12*	
		For >100, Deduct	*-21.28*	
08 14 23 19-0061	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	253.76	56.08
		For >50 To 100, Deduct	*-15.49*	
		For >100, Deduct	*-21.84*	
08 14 23 19-0062	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	255.11	56.08
		For >50 To 100, Deduct	*-15.56*	
		For >100, Deduct	*-21.94*	
08 14 23 19-0063	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.36	58.52
		For >50 To 100, Deduct	*-15.99*	
		For >100, Deduct	*-22.53*	
08 14 23 19-0064	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	277.28	58.52
		For >50 To 100, Deduct	*-16.79*	
		For >100, Deduct	*-23.72*	
08 14 23 19-0065	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	311.19	60.95
		For >50 To 100, Deduct	*-18.61*	
		For >100, Deduct	*-26.39*	
08 14 23 19-0066	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	241.57	53.64
		For >50 To 100, Deduct	*-14.76*	
		For >100, Deduct	*-20.80*	
08 14 23 19-0067	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	241.57	53.64
		For >50 To 100, Deduct	*-14.76*	
		For >100, Deduct	*-20.80*	
08 14 23 19-0068	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	254.23	56.08
		For >50 To 100, Deduct	*-15.52*	
		For >100, Deduct	*-21.87*	
08 14 23 19-0069	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.99	56.08
		For >50 To 100, Deduct	*-15.90*	
		For >100, Deduct	*-22.45*	
08 14 23 19-0070	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	263.44	56.08
		For >50 To 100, Deduct	*-15.98*	
		For >100, Deduct	*-22.56*	
08 14 23 19-0071	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	269.76	58.52
		For >50 To 100, Deduct	*-16.41*	
		For >100, Deduct	*-23.16*	
08 14 23 19-0072	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	286.62	58.52
		For >50 To 100, Deduct	*-17.26*	
		For >100, Deduct	*-24.42*	
08 14 23 19-0073	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	322.21	60.95
		For >50 To 100, Deduct	*-19.16*	
		For >100, Deduct	*-27.21*	
08 14 23 19-0074	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.75	53.64
		For >50 To 100, Deduct	*-16.07*	
		For >100, Deduct	*-22.76*	
08 14 23 19-0075	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	267.75	53.64
		For >50 To 100, Deduct	*-16.07*	
		For >100, Deduct	*-22.76*	
08 14 23 19-0076	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	281.93	56.08
		For >50 To 100, Deduct	*-16.90*	
		For >100, Deduct	*-23.95*	
08 14 23 19-0077	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	291.22	56.08
		For >50 To 100, Deduct	*-17.36*	
		For >100, Deduct	*-24.65*	
08 14 23 19-0078	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	292.93	56.08
		For >50 To 100, Deduct	*-17.45*	
		For >100, Deduct	*-24.77*	
08 14 23 19-0079	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	299.55	58.52
		For >50 To 100, Deduct	*-17.90*	
		For >100, Deduct	*-25.39*	
08 14 23 19-0080	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	319.69	58.52
		For >50 To 100, Deduct	*-18.91*	
		For >100, Deduct	*-26.90*	
08 14 23 19-0081	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	361.28	60.95
		For >50 To 100, Deduct	*-21.11*	
		For >100, Deduct	*-30.14*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0082		1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*		
		Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 19-0083	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	266.72	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*119.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*191.33*	
		For >50 To 100, Deduct	*-16.02*	
		For >100, Deduct	*-22.69*	
08 14 23 19-0084	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	266.72	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*86.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*119.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*191.33*	
		For >50 To 100, Deduct	*-16.02*	
		For >100, Deduct	*-22.69*	
08 14 23 19-0085	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	280.83	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*91.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*126.51*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*202.42*	
		For >50 To 100, Deduct	*-16.85*	
		For >100, Deduct	*-23.87*	
08 14 23 19-0086	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.04	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*96.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*213.47*	
		For >50 To 100, Deduct	*-17.31*	
		For >100, Deduct	*-24.56*	
08 14 23 19-0087	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	291.75	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*96.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*134.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*215.52*	
		For >50 To 100, Deduct	*-17.39*	
		For >100, Deduct	*-24.69*	
08 14 23 19-0088	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	298.37	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*97.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*136.01*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*217.61*	
		For >50 To 100, Deduct	*-17.84*	
		For >100, Deduct	*-25.30*	
08 14 23 19-0089	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	318.36	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.16*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.72*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*241.60*	
		For >50 To 100, Deduct	*-18.84*	
		For >100, Deduct	*-26.80*	
08 14 23 19-0090	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	359.74	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.54*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*128.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*178.37*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*285.40*	
		For >50 To 100, Deduct	*-21.03*	
		For >100, Deduct	*-30.03*	
08 14 23 19-0091	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	371.65	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*187.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*299.69*	
		For >50 To 100, Deduct	*-21.63*	
		For >100, Deduct	*-30.92*	
08 14 23 19-0092	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	395.41	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*147.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*205.13*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*328.20*	
		For >50 To 100, Deduct	*-22.82*	
		For >100, Deduct	*-32.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0093	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.01	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*91.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*126.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*202.48*	
		For >50 To 100, Deduct	*-16.48*	
		For >100, Deduct	*-23.38*	
08 14 23 19-0094	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.01	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*91.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*126.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*202.48*	
		For >50 To 100, Deduct	*-16.48*	
		For >100, Deduct	*-23.38*	
08 14 23 19-0095	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.65	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*96.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*133.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*214.20*	
		For >50 To 100, Deduct	*-17.34*	
		For >100, Deduct	*-24.60*	
08 14 23 19-0096	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	300.40	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.59*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*101.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*141.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*225.90*	
		For >50 To 100, Deduct	*-17.82*	
		For >100, Deduct	*-25.33*	
08 14 23 19-0097	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	302.21	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*102.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*142.55*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*228.07*	
		For >50 To 100, Deduct	*-17.91*	
		For >100, Deduct	*-25.47*	
08 14 23 19-0098	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.93	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*103.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*143.93*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*230.28*	
		For >50 To 100, Deduct	*-18.37*	
		For >100, Deduct	*-26.10*	
08 14 23 19-0099	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	330.07	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*255.65*	
		For >50 To 100, Deduct	*-19.43*	
		For >100, Deduct	*-27.68*	
08 14 23 19-0100	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	373.58	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*135.90*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*188.75*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*302.00*	
		For >50 To 100, Deduct	*-21.73*	
		For >100, Deduct	*-31.07*	
08 14 23 19-0101	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	386.17	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.71*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*142.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*198.20*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*317.11*	
		For >50 To 100, Deduct	*-22.36*	
		For >100, Deduct	*-32.01*	
08 14 23 19-0102	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	411.33	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*156.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*217.07*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*347.30*	
		For >50 To 100, Deduct	*-23.61*	
		For >100, Deduct	*-33.90*	
08 14 23 19-0103	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.91	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.88*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*241.96*	
		For >50 To 100, Deduct	*-18.13*	
		For >100, Deduct	*-25.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0104	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.91	53.64
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.20*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*108.88*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*151.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*241.96*	
		For >50 To 100, Deduct	*-18.13*	
		For >100, Deduct	*-25.85*	
08 14 23 19-0105	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	325.46	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*25.60*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*115.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*159.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*255.97*	
		For >50 To 100, Deduct	*-19.08*	
		For >100, Deduct	*-27.21*	
08 14 23 19-0106	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	337.12	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.00*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*121.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*168.73*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*269.96*	
		For >50 To 100, Deduct	*-19.66*	
		For >100, Deduct	*-28.09*	
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	339.28	56.08
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.26*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*122.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*170.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*272.56*	
		For >50 To 100, Deduct	*-19.77*	
		For >100, Deduct	*-28.25*	
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	346.36	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.52*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*123.84*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*172.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*275.20*	
		For >50 To 100, Deduct	*-20.24*	
		For >100, Deduct	*-28.90*	
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	371.62	58.52
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*137.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*190.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*305.51*	
		For >50 To 100, Deduct	*-21.51*	
		For >100, Deduct	*-30.80*	
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	422.65	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*225.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*360.89*	
		For >50 To 100, Deduct	*-24.18*	
		For >100, Deduct	*-34.75*	
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	437.71	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*170.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*236.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*378.96*	
		For >50 To 100, Deduct	*-24.93*	
		For >100, Deduct	*-35.88*	
08 14 23 19-0112	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	467.77	60.95
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*259.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*415.03*	
		For >50 To 100, Deduct	*-26.44*	
		For >100, Deduct	*-38.13*	

08 14 66 Wood Screen Doors *(08 14)*

08 14 66 00-0001 Wood Screen Storm Door, Residential Grade *(08 14 66)*

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 14 66 00-0002	EA	2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	437.07	140.44
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	458.74	156.04
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	437.07	140.44
08 14 66 00-0005	EA	3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	458.74	156.04

08 14 73 Sliding Wood Doors *(08 14)*

08 14 73 00-0001 Sliding Pocket Door *(08 14 73)*

Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0002		Birch Faced Pocket Door *(08 14 73 00-0001)* Note: Includes door, frame and trim, and all mounting and door hardware.		
08 14 73 00-0003		1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)* See CSI section 08 14 73 00-0055 for all jambs and track hardware.		
08 14 73 00-0004		6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0003)*		
08 14 73 00-0005	EA	2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	472.43	34.14
		For Oak, Add	*111.55*	
		For Ash/Hickory, Add	*162.48*	
		For Walnut, Add	*236.85*	
		For Cherry, Add	*385.18*	
08 14 73 00-0006	EA	2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	487.11	36.57
		For Oak, Add	*114.26*	
		For Ash/Hickory, Add	*166.42*	
		For Walnut, Add	*242.59*	
		For Cherry, Add	*394.52*	
08 14 73 00-0007	EA	2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	504.23	39.01
		For Oak, Add	*117.64*	
		For Ash/Hickory, Add	*171.34*	
		For Walnut, Add	*249.77*	
		For Cherry, Add	*406.20*	
08 14 73 00-0008	EA	2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	516.45	41.45
		For Oak, Add	*119.67*	
		For Ash/Hickory, Add	*174.30*	
		For Walnut, Add	*254.08*	
		For Cherry, Add	*413.20*	
08 14 73 00-0009	EA	2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	533.60	43.89
		For Oak, Add	*123.05*	
		For Ash/Hickory, Add	*179.22*	
		For Walnut, Add	*261.26*	
		For Cherry, Add	*424.88*	
08 14 73 00-0010	EA	3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	548.27	46.32
		For Oak, Add	*125.75*	
		For Ash/Hickory, Add	*183.16*	
		For Walnut, Add	*267.00*	
		For Cherry, Add	*434.22*	
08 14 73 00-0011	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	930.28	60.95
		For Oak, Add	*223.11*	
		For Ash/Hickory, Add	*324.96*	
		For Walnut, Add	*473.70*	
		For Cherry, Add	*770.38*	
08 14 73 00-0012	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	984.11	65.83
		For Oak, Add	*235.28*	
		For Ash/Hickory, Add	*342.69*	
		For Walnut, Add	*499.54*	
		For Cherry, Add	*812.39*	
08 14 73 00-0013	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,052.67	70.71
		For Oak, Add	*251.51*	
		For Ash/Hickory, Add	*366.32*	
		For Walnut, Add	*533.99*	
		For Cherry, Add	*868.42*	
08 14 73 00-0014		7' High, 1-3/8" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0003)*		
08 14 73 00-0015	EA	2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	558.17	34.14
		For Oak, Add	*114.64*	
		For Ash/Hickory, Add	*114.64*	
		For Walnut, Add	*188.62*	
		For Cherry, Add	*354.21*	
08 14 73 00-0016	EA	2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	585.10	36.57
		For Oak, Add	*119.80*	
		For Ash/Hickory, Add	*119.80*	
		For Walnut, Add	*197.11*	
		For Cherry, Add	*370.15*	
08 14 73 00-0017	EA	2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	604.66	39.01
		For Oak, Add	*123.24*	
		For Ash/Hickory, Add	*123.24*	
		For Walnut, Add	*202.76*	
		For Cherry, Add	*380.78*	
08 14 73 00-0018	EA	2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	621.78	41.45
		For Oak, Add	*126.10*	
		For Ash/Hickory, Add	*126.10*	
		For Walnut, Add	*207.48*	
		For Cherry, Add	*389.63*	
08 14 73 00-0019	EA	2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	636.48	43.89
		For Oak, Add	*128.40*	
		For Ash/Hickory, Add	*128.40*	
		For Walnut, Add	*211.25*	
		For Cherry, Add	*396.72*	
08 14 73 00-0020	EA	3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	656.05	46.32
		For Oak, Add	*131.84*	
		For Ash/Hickory, Add	*131.84*	
		For Walnut, Add	*216.91*	
		For Cherry, Add	*407.35*	
08 14 73 00-0021	EA	4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,101.75	60.95
		For Oak, Add	*229.28*	
		For Ash/Hickory, Add	*229.28*	
		For Walnut, Add	*377.24*	
		For Cherry, Add	*708.42*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0022	EA	5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,184.98	65.83
		For Oak, Add	*246.48*	
		For Ash/Hickory, Add	*246.48*	
		For Walnut, Add	*405.53*	
		For Cherry, Add	*761.56*	
08 14 73 00-0023	EA	6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,268.24	70.71
		For Oak, Add	*263.68*	
		For Ash/Hickory, Add	*263.68*	
		For Walnut, Add	*433.83*	
		For Cherry, Add	*814.69*	

08 14 73 00-0024 1-3/4" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

08 14 73 00-0025 6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0026	EA	2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	705.15	34.14
		For Oak, Add	*149.03*	
		For Ash/Hickory, Add	*149.03*	
		For Walnut, Add	*245.21*	
		For Cherry, Add	*460.48*	
08 14 73 00-0027	EA	2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	739.42	36.57
		For Oak, Add	*155.91*	
		For Ash/Hickory, Add	*155.91*	
		For Walnut, Add	*256.52*	
		For Cherry, Add	*481.73*	
08 14 73 00-0028	EA	2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	758.99	39.01
		For Oak, Add	*159.35*	
		For Ash/Hickory, Add	*159.35*	
		For Walnut, Add	*262.18*	
		For Cherry, Add	*492.36*	
08 14 73 00-0029	EA	2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	781.01	41.45
		For Oak, Add	*163.36*	
		For Ash/Hickory, Add	*163.36*	
		For Walnut, Add	*268.78*	
		For Cherry, Add	*504.76*	
08 14 73 00-0030	EA	2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	800.60	43.89
		For Oak, Add	*166.80*	
		For Ash/Hickory, Add	*166.80*	
		For Walnut, Add	*274.44*	
		For Cherry, Add	*515.38*	
08 14 73 00-0031	EA	3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	820.17	46.32
		For Oak, Add	*170.24*	
		For Ash/Hickory, Add	*170.24*	
		For Walnut, Add	*280.10*	
		For Cherry, Add	*526.00*	
08 14 73 00-0032	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,395.70	60.95
		For Oak, Add	*298.07*	
		For Ash/Hickory, Add	*298.07*	
		For Walnut, Add	*490.41*	
		For Cherry, Add	*920.95*	
08 14 73 00-0033	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,493.63	65.83
		For Oak, Add	*318.70*	
		For Ash/Hickory, Add	*318.70*	
		For Walnut, Add	*524.36*	
		For Cherry, Add	*984.71*	
08 14 73 00-0034	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,596.48	70.71
		For Oak, Add	*340.48*	
		For Ash/Hickory, Add	*340.48*	
		For Walnut, Add	*560.20*	
		For Cherry, Add	*1,052.01*	

08 14 73 00-0035 7' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0036	EA	2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	754.14	34.14
		For Oak, Add	*160.50*	
		For Ash/Hickory, Add	*160.50*	
		For Walnut, Add	*264.07*	
		For Cherry, Add	*495.90*	
08 14 73 00-0037	EA	2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	793.31	36.57
		For Oak, Add	*168.52*	
		For Ash/Hickory, Add	*168.52*	
		For Walnut, Add	*277.27*	
		For Cherry, Add	*520.69*	
08 14 73 00-0038	EA	2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	815.33	39.01
		For Oak, Add	*172.54*	
		For Ash/Hickory, Add	*172.54*	
		For Walnut, Add	*283.87*	
		For Cherry, Add	*533.09*	
08 14 73 00-0039	EA	2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	837.35	41.45
		For Oak, Add	*176.55*	
		For Ash/Hickory, Add	*176.55*	
		For Walnut, Add	*290.47*	
		For Cherry, Add	*545.49*	
08 14 73 00-0040	EA	2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	856.94	43.89
		For Oak, Add	*179.99*	
		For Ash/Hickory, Add	*179.99*	
		For Walnut, Add	*296.13*	
		For Cherry, Add	*556.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0041	EA	3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	878.96	46.32
		For Oak, Add	*184.00*	
		For Ash/Hickory, Add	*184.00*	
		For Walnut, Add	*302.73*	
		For Cherry, Add	*568.51*	
08 14 73 00-0042	EA	4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,493.69	60.95
		For Oak, Add	*321.00*	
		For Ash/Hickory, Add	*321.00*	
		For Walnut, Add	*528.14*	
		For Cherry, Add	*991.80*	
08 14 73 00-0043	EA	5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,606.31	65.83
		For Oak, Add	*345.07*	
		For Ash/Hickory, Add	*345.07*	
		For Walnut, Add	*567.74*	
		For Cherry, Add	*1,066.18*	
08 14 73 00-0044	EA	6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,714.06	70.71
		For Oak, Add	*368.00*	
		For Ash/Hickory, Add	*368.00*	
		For Walnut, Add	*605.47*	
		For Cherry, Add	*1,137.02*	

08 14 73 00-0045 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0046	EA	2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	803.13	34.14
		For Oak, Add	*171.96*	
		For Ash/Hickory, Add	*171.96*	
		For Walnut, Add	*282.93*	
		For Cherry, Add	*531.32*	
08 14 73 00-0047	EA	2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	842.30	36.57
		For Oak, Add	*179.99*	
		For Ash/Hickory, Add	*179.99*	
		For Walnut, Add	*296.13*	
		For Cherry, Add	*556.11*	
08 14 73 00-0048	EA	2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	866.77	39.01
		For Oak, Add	*184.57*	
		For Ash/Hickory, Add	*184.57*	
		For Walnut, Add	*303.68*	
		For Cherry, Add	*570.28*	
08 14 73 00-0049	EA	2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	891.24	41.45
		For Oak, Add	*189.16*	
		For Ash/Hickory, Add	*189.16*	
		For Walnut, Add	*311.22*	
		For Cherry, Add	*584.45*	
08 14 73 00-0050	EA	2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	910.84	43.89
		For Oak, Add	*192.60*	
		For Ash/Hickory, Add	*192.60*	
		For Walnut, Add	*316.88*	
		For Cherry, Add	*595.08*	
08 14 73 00-0051	EA	3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	935.30	46.32
		For Oak, Add	*197.18*	
		For Ash/Hickory, Add	*197.18*	
		For Walnut, Add	*324.42*	
		For Cherry, Add	*609.24*	
08 14 73 00-0052	EA	4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,591.67	60.95
		For Oak, Add	*343.92*	
		For Ash/Hickory, Add	*343.92*	
		For Walnut, Add	*565.86*	
		For Cherry, Add	*1,062.64*	
08 14 73 00-0053	EA	5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,709.19	65.83
		For Oak, Add	*369.14*	
		For Ash/Hickory, Add	*369.14*	
		For Walnut, Add	*607.35*	
		For Cherry, Add	*1,140.56*	
08 14 73 00-0054	EA	6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,826.74	70.71
		For Oak, Add	*394.36*	
		For Ash/Hickory, Add	*394.36*	
		For Walnut, Add	*648.85*	
		For Cherry, Add	*1,218.49*	

08 14 73 00-0055 Accessories *(08 14 73 00-0001)*

08 14 73 00-0056 Jamb Replacement *(08 14 73 00-0055)*

08 14 73 00-0057	EA	4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors	103.03	
		For Oak, Add	*6.13*	
		For Ash/Hickory, Add	*9.60*	
		For Walnut, Add	*21.00*	
		For Cherry, Add	*33.26*	
08 14 73 00-0058	EA	5-1/4" Birch Jamb Replacement For Pocket Doors	104.78	
		For Oak, Add	*6.33*	
		For Ash/Hickory, Add	*9.91*	
		For Walnut, Add	*21.68*	
		For Cherry, Add	*34.33*	
08 14 73 00-0059	EA	6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	116.15	
		For Oak, Add	*7.61*	
		For Ash/Hickory, Add	*11.93*	
		For Walnut, Add	*26.08*	
		For Cherry, Add	*41.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0060		Track And Hardware Replacement Kits *(08 14 73 00-0055)*		
		Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.		
08 14 73 00-0061	EA	Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door	284.00	
08 14 73 00-0062	EA	2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	286.63	
08 14 73 00-0063	EA	3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	291.90	
08 14 73 00-0064	EA	Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door	341.98	
08 14 73 00-0065	EA	2'-8" x 7' Door Track And Hardware Replacement For Pocket Door	344.62	
08 14 73 00-0066	EA	3'-0" x 7' Door Track And Hardware Replacement For Pocket Door	349.89	
08 14 73 00-0067	EA	Up To 2'-6" x 8' Door Track And Hardware	368.34	
08 14 73 00-0068	EA	2'-8" x 8' Door Track And Hardware Replacement For Pocket Door	370.97	
08 14 73 00-0069	EA	3'-0" x 8' Door Track And Hardware Replacement For Pocket Door	376.24	
08 14 73 00-0070	EA	Double Door Converging Kit For Pocket Door	40.99	
08 14 73 00-0071		Bi-Pass Doors *(08 14 73)*		
		Note: Includes unfinished doors, fascia track, hangers, door guide, door stop, and pulls. 125 LB maximum door weight (each opening).		
08 14 73 00-0072		Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*		
08 14 73 00-0073	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	307.36	77.99
08 14 73 00-0074	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	336.04	82.87
08 14 73 00-0075	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	365.02	87.74
08 14 73 00-0076	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	485.00	92.62
08 14 73 00-0077		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*		
08 14 73 00-0078	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	289.83	77.99
08 14 73 00-0079	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	308.70	82.87
08 14 73 00-0080	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	334.93	87.74
08 14 73 00-0081	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	449.93	92.62
08 14 73 00-0082		Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*		
08 14 73 00-0083	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	307.86	77.99
08 14 73 00-0084	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	334.82	82.87
08 14 73 00-0085	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	363.00	87.74
08 14 73 00-0086	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	485.99	92.62
08 14 76		**Bifolding Wood Doors** *(08 14)*		
08 14 76 00-0001		Bi-Fold Wood Doors *(08 14 76)*		
		Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs.		
08 14 76 00-0002		Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0003	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	159.91	58.50
08 14 76 00-0004	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	169.66	63.38
08 14 76 00-0005	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	182.27	68.25
08 14 76 00-0006	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	192.02	73.13
08 14 76 00-0007	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	238.36	77.99
08 14 76 00-0008	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	248.11	82.87
08 14 76 00-0009	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	263.93	87.74
08 14 76 00-0010		Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0011	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	166.91	58.50
08 14 76 00-0012	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	178.96	63.38
08 14 76 00-0013	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	193.12	68.25
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	202.87	73.13
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	253.36	77.99
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	271.48	82.87
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	290.49	87.74
08 14 76 00-0018		Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	167.24	58.50
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	183.44	63.38
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	197.25	68.25
08 14 76 00-0022	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	207.00	73.13
08 14 76 00-0023	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	256.97	77.99
08 14 76 00-0024	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	268.18	82.87
08 14 76 00-0025	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	290.49	87.74
08 14 76 00-0026		Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0027	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	375.39	58.50
08 14 76 00-0028	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	426.89	63.38
08 14 76 00-0029	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	485.16	68.25
08 14 76 00-0030	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	494.91	73.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 76 00-0031	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	672.79	77.99
08 14 76 00-0032	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	766.04	82.87
08 14 76 00-0033	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	872.83	87.74
08 14 76 00-0034		Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0035	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	471.30	58.50
08 14 76 00-0036	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	511.52	63.38
08 14 76 00-0037	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	558.51	68.25
08 14 76 00-0038	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	568.26	73.13
08 14 76 00-0039	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	864.62	77.99
08 14 76 00-0040	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	935.30	82.87
08 14 76 00-0041	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,019.53	87.74
08 14 76 00-0042		Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors *(08 14 76 00-0001)*		
08 14 76 00-0043	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	162.37	58.50
08 14 76 00-0044	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	175.00	63.38
08 14 76 00-0045	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	190.85	68.25
08 14 76 00-0046	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	195.46	73.13
08 14 76 00-0047	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	234.30	77.99
08 14 76 00-0048	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	252.11	82.87
08 14 76 00-0049	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	279.26	87.74

08 15 Plastic Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 Laminated Plastic Doors *(08 15)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 00-0001 Laminated Plastic Doors *(08 15 13)*

Note: 0.125" acrylic/PVC thermoplastic face sheet over 1-1/2" x 1-1/2" x 16 gauge welded steel tube framework and a core of resin impregnated Kraft honeycomb (Urethane insulation). Panel capping channel to be 304 stainless steel.

08 15 13 00-0002	EA	1'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	251.57	48.77
08 15 13 00-0003	EA	1'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	251.57	48.77
08 15 13 00-0004	EA	1'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	251.57	48.77
08 15 13 00-0005	EA	1'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	251.57	48.77
08 15 13 00-0006	EA	2' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	261.33	53.64
08 15 13 00-0007	EA	2' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	261.33	53.64
08 15 13 00-0008	EA	2' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	261.33	53.64
08 15 13 00-0009	EA	2' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	261.33	53.64
08 15 13 00-0010	EA	2'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	282.11	56.08
08 15 13 00-0011	EA	2'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	282.11	56.08
08 15 13 00-0012	EA	2'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	282.11	53.64
08 15 13 00-0013	EA	2'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	282.11	56.08
08 15 13 00-0014	EA	3' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	302.90	58.52
08 15 13 00-0015	EA	3' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	302.90	58.52
08 15 13 00-0016	EA	3' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	302.90	58.52
08 15 13 00-0017	EA	3' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	302.90	58.52
08 15 13 00-0018	EA	3'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	332.90	60.95
08 15 13 00-0019	EA	3'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	332.90	60.95
08 15 13 00-0020	EA	3'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	332.90	60.95
08 15 13 00-0021	EA	3'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	332.90	60.95
08 15 13 00-0022	EA	4' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	375.30	65.83
08 15 13 00-0023	EA	4' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	375.30	65.83
08 15 13 00-0024	EA	4' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	375.30	65.83
08 15 13 00-0025	EA	4' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	375.30	65.83

08 16 Composite Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors *(08 16)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 00-0001 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors *(08 16 13)*

08 16 13 00-0002 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0001)*

08 16 13 00-0003 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0002)*

Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0004		Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)* Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0005		6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*		
08 16 13 00-0006	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,295.40	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0007	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,449.90	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0008	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,685.35	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0009		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*		
08 16 13 00-0010	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,295.40	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0011	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,510.77	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0012	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,750.02	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0013		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)* Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0014		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0015		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0016	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,721.44	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0017	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,778.31	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0018	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,167.18	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0019		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0020	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,721.44	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0021	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,976.11	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0022	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,240.72	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0023		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0024		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0025	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,721.44	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0026	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,778.31	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0027	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,167.18	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0028		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0029	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,721.44	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0030	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,976.11	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0031	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,240.72	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0032		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0033		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*		
08 16 13 00-0034	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,721.44	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0035	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,778.31	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0036	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,167.18	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0037		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*		
08 16 13 00-0038	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,721.44	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0039	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,976.11	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0040	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,240.72	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0041		Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0042		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*		
08 16 13 00-0043	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,426.00	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0044		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*		
08 16 13 00-0045	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	2,426.00	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0046		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) *(08 16 13 00-0002)*		
08 16 13 00-0047	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.32	
08 16 13 00-0048	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.33	
08 16 13 00-0049	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.44	
08 16 13 00-0050	SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.42	
08 16 13 00-0051	SI	Factory Installed Molded Louver (Chem-Pruf)	0.83	
08 16 13 00-0052	SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	0.93	
08 16 13 00-0053	LF	Weather Strip (Chem-Pruf)	8.88	
08 16 13 00-0054	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf)	11.41	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0055	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	24.09	
08 16 13 00-0056	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	26.63	
08 16 13 00-0057	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf)	51.99	

08 16 13 00-0058 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0001)*

08 16 13 00-0059 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0058)*

Note: White, tan, brown or gray finish. Includes factory hardware prep.

08 16 13 00-0060 Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0061 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*

08 16 13 00-0062	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,758.52	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0063	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,783.34	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0064	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,869.81	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	

08 16 13 00-0065 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0060)*

08 16 13 00-0066	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,758.52	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0067	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,860.06	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0068	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,869.81	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	

08 16 13 00-0069 Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0070 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*

08 16 13 00-0071 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*

08 16 13 00-0072	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,909.20	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0073	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,969.31	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0074	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,111.01	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	

08 16 13 00-0075 7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*

08 16 13 00-0076	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,909.20	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0077	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,990.79	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0078	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,176.98	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	

08 16 13 00-0079 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0080		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0081	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,909.20	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0082	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,969.31	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0083	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,111.01	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0084		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0085	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,909.20	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0086	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,990.79	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0087	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,176.98	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0088		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0089		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
08 16 13 00-0090	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,909.20	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0091	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,969.31	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0092	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,111.01	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0093		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
08 16 13 00-0094	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,909.20	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0095	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,990.79	60.95
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0096	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,176.98	65.83
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0097		Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*		
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0098		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
08 16 13 00-0099	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,988.66	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	
08 16 13 00-0100		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*		
08 16 13 00-0101	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	1,988.66	58.52
		For Custom Color Finish, Add	*118.56*	
		For Stainless Steel Continuous Hinge, Add	*263.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0102		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) *(08 16 13 00-0058)*		
08 16 13 00-0103	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.72	
08 16 13 00-0104	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door)	0.75	
08 16 13 00-0105	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door)	0.79	
08 16 13 00-0106	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door)	1.13	
08 16 13 00-0107	SI	Factory Installed Molded Louver (Skule Door)	0.45	
08 16 13 00-0108	SI	Factory Installed Molded Louver With Insect Screen (Skule Door)	0.71	
08 16 13 00-0109	LF	Weather Strip (Skule Door)	6.14	
08 16 13 00-0110	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	7.67	
08 16 13 00-0111	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	24.55	
08 16 13 00-0112	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	87.45	
08 16 13 00-0113	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	33.75	
08 16 13 00-0114		Galvanized Insulated Poly Core Composite Doors *(08 16 13)*		
08 16 13 00-0115	EA	3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N)	806.43	58.52

08 17 Integrated Door Opening Assemblies *(08 10)*

08 17 23 Integrated Metal Door Opening Assemblies *(08 17)*

08 17 23 00-0001		Pre-Hung Interior Door Units *(08 17 23)* Note: All pre-hung doors include door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset. See CSI section 08 70 00 00-0000 for finish hardware.		
08 17 23 00-0002		Hollow Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*		
08 17 23 00-0003		Birch Faced *(08 17 23 00-0002)*		
08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	350.70	60.95
		For 8' Door Height, Add	*54.91*	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	364.76	60.95
		For 8' Door Height, Add	*58.28*	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	383.71	63.40
		For 8' Door Height, Add	*61.66*	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	392.76	65.83
		For 8' Door Height, Add	*62.66*	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	418.26	65.83
		For 8' Door Height, Add	*68.78*	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	441.49	68.27
		For 8' Door Height, Add	*73.19*	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	657.51	99.97
		For 8' Door Height, Add	*109.82*	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	700.28	107.28
		For 8' Door Height, Add	*116.58*	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	751.39	114.60
		For 8' Door Height, Add	*125.33*	
08 17 23 00-0013		Lauan Faced *(08 17 23 00-0002)*		
08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	320.77	60.95
		For 8' Door Height, Add	*47.73*	
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	334.26	60.95
		For 8' Door Height, Add	*50.96*	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	350.50	63.40
		For 8' Door Height, Add	*53.69*	
08 17 23 00-0017	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	363.41	65.83
		For 8' Door Height, Add	*55.62*	
08 17 23 00-0018	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	385.57	65.83
		For 8' Door Height, Add	*60.94*	
08 17 23 00-0019	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	406.68	68.27
		For 8' Door Height, Add	*64.83*	
08 17 23 00-0020	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	597.66	99.97
		For 8' Door Height, Add	*95.46*	
08 17 23 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	639.20	107.28
		For 8' Door Height, Add	*101.92*	
08 17 23 00-0022	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	692.75	114.60
		For 8' Door Height, Add	*111.25*	
08 17 23 00-0023		Tempered Hardboard Faced *(08 17 23 00-0002)*		
08 17 23 00-0024	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	277.80	60.95
		For 8' Door Height, Add	*37.41*	
08 17 23 00-0025	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	289.17	60.95
		For 8' Door Height, Add	*40.14*	
08 17 23 00-0026	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	299.44	63.40
		For 8' Door Height, Add	*41.44*	
08 17 23 00-0027	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	315.11	65.83
		For 8' Door Height, Add	*44.03*	
08 17 23 00-0028	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	335.27	65.83
		For 8' Door Height, Add	*48.87*	
08 17 23 00-0029	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	353.19	68.27
		For 8' Door Height, Add	*52.00*	
08 17 23 00-0030	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	511.71	99.97
		For 8' Door Height, Add	*74.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0031	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	549.06	107.28
		For 8' Door Height, Add	*80.28*	
08 17 23 00-0032	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	596.06	114.60
		For 8' Door Height, Add	*88.05*	

08 17 23 00-0033 Solid Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*

08 17 23 00-0034 Birch Faced *(08 17 23 00-0033)*

08 17 23 00-0035	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	458.80	60.95
		For 8' Door Height, Add	*80.85*	
08 17 23 00-0036	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	476.52	60.95
		For 8' Door Height, Add	*85.11*	
08 17 23 00-0037	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	499.07	63.40
		For 8' Door Height, Add	*89.35*	
08 17 23 00-0038	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	525.52	65.83
		For 8' Door Height, Add	*94.53*	
08 17 23 00-0039	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	568.77	65.83
		For 8' Door Height, Add	*104.91*	
08 17 23 00-0040	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	611.86	68.27
		For 8' Door Height, Add	*114.08*	
08 17 23 00-0041	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	873.72	99.97
		For 8' Door Height, Add	*161.71*	
08 17 23 00-0042	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	923.78	107.28
		For 8' Door Height, Add	*170.22*	
08 17 23 00-0043	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,016.89	114.60
		For 8' Door Height, Add	*189.05*	

08 17 23 00-0044 Lauan Faced *(08 17 23 00-0033)*

08 17 23 00-0045	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	413.59	60.95
		For 8' Door Height, Add	*70.00*	
08 17 23 00-0046	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	429.62	60.95
		For 8' Door Height, Add	*73.85*	
08 17 23 00-0047	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	450.51	63.40
		For 8' Door Height, Add	*77.70*	
08 17 23 00-0048	EA	3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	471.57	65.83
		For 8' Door Height, Add	*81.58*	
08 17 23 00-0049	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	508.96	65.83
		For 8' Door Height, Add	*90.55*	
08 17 23 00-0050	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	537.98	68.27
		For 8' Door Height, Add	*96.35*	
08 17 23 00-0051	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	783.27	99.97
		For 8' Door Height, Add	*140.00*	
08 17 23 00-0052	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	829.99	107.28
		For 8' Door Height, Add	*147.71*	
08 17 23 00-0053	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	909.00	114.60
		For 8' Door Height, Add	*163.16*	

08 17 23 00-0054 Tempered Hardboard Faced *(08 17 23 00-0033)*

08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	373.31	60.95
		For 8' Door Height, Add	*60.34*	
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	387.87	60.95
		For 8' Door Height, Add	*63.83*	
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	407.34	63.40
		For 8' Door Height, Add	*67.33*	
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	417.62	65.83
		For 8' Door Height, Add	*68.63*	
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	449.16	65.83
		For 8' Door Height, Add	*76.20*	
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	474.37	68.27
		For 8' Door Height, Add	*81.08*	
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	702.73	99.97
		For 8' Door Height, Add	*120.67*	
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	746.46	107.28
		For 8' Door Height, Add	*127.66*	
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	801.09	114.60
		For 8' Door Height, Add	*137.26*	

08 17 23 00-0064 Hollow Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

08 17 23 00-0065 Birch Faced *(08 17 23 00-0064)*

08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	407.87	60.95
		For 8' Door Height, Add	*68.63*	
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	418.66	60.95
		For 8' Door Height, Add	*71.22*	
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	427.52	63.40
		For 8' Door Height, Add	*72.18*	
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	449.99	65.83
		For 8' Door Height, Add	*76.40*	
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	496.69	65.83
		For 8' Door Height, Add	*87.61*	
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	556.13	68.27
		For 8' Door Height, Add	*100.70*	
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	771.88	99.97
		For 8' Door Height, Add	*137.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	808.05	107.28
		For 8' Door Height, Add	*142.44*	
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	865.87	114.60
		For 8' Door Height, Add	*152.80*	
08 17 23 00-0075		**Lauan Faced** *(08 17 23 00-0064)*		
08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	374.53	60.95
		For 8' Door Height, Add	*60.63*	
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	391.94	60.95
		For 8' Door Height, Add	*64.81*	
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	410.94	63.40
		For 8' Door Height, Add	*68.20*	
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	421.41	65.83
		For 8' Door Height, Add	*69.54*	
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	453.27	65.83
		For 8' Door Height, Add	*77.19*	
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	478.72	68.27
		For 8' Door Height, Add	*82.12*	
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	705.19	99.97
		For 8' Door Height, Add	*121.26*	
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	754.62	107.28
		For 8' Door Height, Add	*129.62*	
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	808.70	114.60
		For 8' Door Height, Add	*139.08*	
08 17 23 00-0085		**Tempered Hardboard Faced** *(08 17 23 00-0064)*		
08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	316.13	60.95
		For 8' Door Height, Add	*46.61*	
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	321.55	60.95
		For 8' Door Height, Add	*47.91*	
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	337.21	63.40
		For 8' Door Height, Add	*50.50*	
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	352.89	65.83
		For 8' Door Height, Add	*53.10*	
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	365.21	65.83
		For 8' Door Height, Add	*56.05*	
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	385.05	68.27
		For 8' Door Height, Add	*59.64*	
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	588.36	99.97
		For 8' Door Height, Add	*93.23*	
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	613.83	107.28
		For 8' Door Height, Add	*95.83*	
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	671.65	114.60
		For 8' Door Height, Add	*106.19*	
08 17 23 00-0095		**Solid Core Doors, 1-3/4" Thick** *(08 17 23 00-0001)*		
08 17 23 00-0096		**Birch Faced** *(08 17 23 00-0095)*		
08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	510.39	60.95
		For 8' Door Height, Add	*93.24*	
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	526.56	60.95
		For 8' Door Height, Add	*97.12*	
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	536.85	63.40
		For 8' Door Height, Add	*98.42*	
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	557.90	65.83
		For 8' Door Height, Add	*102.30*	
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	604.79	65.83
		For 8' Door Height, Add	*113.55*	
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	657.01	68.27
		For 8' Door Height, Add	*124.92*	
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	976.89	99.97
		For 8' Door Height, Add	*186.48*	
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,023.86	107.28
		For 8' Door Height, Add	*194.23*	
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,081.67	114.60
		For 8' Door Height, Add	*204.60*	
08 17 23 00-0106		**Lauan Faced** *(08 17 23 00-0095)*		
08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	518.93	60.95
		For 8' Door Height, Add	*95.28*	
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	520.08	60.95
		For 8' Door Height, Add	*95.56*	
08 17 23 00-0109	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	536.39	63.40
		For 8' Door Height, Add	*98.31*	
08 17 23 00-0110	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	549.55	65.83
		For 8' Door Height, Add	*100.29*	
08 17 23 00-0111	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	587.32	65.83
		For 8' Door Height, Add	*109.36*	
08 17 23 00-0112	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	621.35	68.27
		For 8' Door Height, Add	*116.35*	
08 17 23 00-0113	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	993.98	99.97
		For 8' Door Height, Add	*190.57*	
08 17 23 00-0114	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,010.89	107.28
		For 8' Door Height, Add	*191.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0115	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,064.97	114.60
		For 8' Door Height, Add	*200.59*	

08 17 23 00-0116 Tempered Hardboard Faced *(08 17 23 00-0095)*

08 17 23 00-0117	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	429.45	60.95
		For 8' Door Height, Add	*73.81*	
08 17 23 00-0118	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	434.83	60.95
		For 8' Door Height, Add	*75.10*	
08 17 23 00-0119	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	445.12	63.40
		For 8' Door Height, Add	*76.40*	
08 17 23 00-0120	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	460.79	65.83
		For 8' Door Height, Add	*78.99*	
08 17 23 00-0121	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	484.93	65.83
		For 8' Door Height, Add	*84.78*	
08 17 23 00-0122	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	512.43	68.27
		For 8' Door Height, Add	*90.21*	
08 17 23 00-0123	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	815.00	99.97
		For 8' Door Height, Add	*147.62*	
08 17 23 00-0124	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	840.41	107.28
		For 8' Door Height, Add	*150.21*	
08 17 23 00-0125	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	887.44	114.60
		For 8' Door Height, Add	*157.98*	

08 17 23 00-0126 Oak Or Maple Faced *(08 17 23 00-0095)*

08 17 23 00-0127	EA	2'-0" Or2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	610.38	60.95
		For 8' Door Height, Add	*117.23*	
08 17 23 00-0128	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	613.36	60.95
		For 8' Door Height, Add	*117.95*	
08 17 23 00-0129	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	643.48	63.40
		For 8' Door Height, Add	*124.01*	
08 17 23 00-0130	EA	3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	654.95	65.83
		For 8' Door Height, Add	*125.59*	
08 17 23 00-0131	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	711.67	65.83
		For 8' Door Height, Add	*139.20*	
08 17 23 00-0132	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	783.76	68.27
		For 8' Door Height, Add	*155.34*	
08 17 23 00-0133	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,176.86	99.97
		For 8' Door Height, Add	*234.47*	
08 17 23 00-0134	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,197.47	107.28
		For 8' Door Height, Add	*235.90*	
08 17 23 00-0135	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,275.77	114.60
		For 8' Door Height, Add	*251.18*	

08 17 23 00-0136 Walnut Faced *(08 17 23 00-0095)*

08 17 23 00-0137	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	762.92	60.95
		For 8' Door Height, Add	*153.84*	
08 17 23 00-0138	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	789.58	60.95
		For 8' Door Height, Add	*160.24*	
08 17 23 00-0139	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	803.38	63.40
		For 8' Door Height, Add	*162.38*	
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	834.95	65.83
		For 8' Door Height, Add	*168.79*	
08 17 23 00-0141	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	912.32	65.83
		For 8' Door Height, Add	*187.36*	
08 17 23 00-0142	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	995.33	68.27
		For 8' Door Height, Add	*206.11*	
08 17 23 00-0143	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,481.96	99.97
		For 8' Door Height, Add	*307.69*	
08 17 23 00-0144	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,549.88	107.28
		For 8' Door Height, Add	*320.48*	
08 17 23 00-0145	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,635.77	114.60
		For 8' Door Height, Add	*337.58*	

08 30 Specialty Doors And Frames *(08)*

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors And Panels *(08 30)*

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors And Frames *(08 31)*

08 31 13 00-0001 Stainless Steel Access Doors *(08 31 13)*

08 31 13 00-0002 Fire Rated Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	369.59	50.77
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	429.95	54.09
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	501.81	57.21
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	579.04	60.11
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	592.31	60.42
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	766.17	62.29

08 31 13 00-0009 Stainless Steel Access Doors *(08 31 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	149.42	38.94
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	178.26	50.77
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	252.79	54.09
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	271.28	57.21
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	314.57	60.11
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	358.05	60.42

08 31 13 00-0016 Steel Access Doors *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0017 Insulated Fire Rated Steel Access Doors *(08 31 13 00-0016)*

08 31 13 00-0018	EA	12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	251.62	51.08
08 31 13 00-0019	EA	12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	312.52	54.09
08 31 13 00-0020	EA	18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	311.97	57.21
08 31 13 00-0021	EA	24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	371.33	60.42
08 31 13 00-0022	EA	24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	388.43	60.42
08 31 13 00-0023	EA	24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	512.26	62.29
08 31 13 00-0024	EA	24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	591.56	64.89
08 31 13 00-0025	EA	36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	733.13	64.89
08 31 13 00-0026	EA	48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	941.49	77.87

08 31 13 00-0027 Steel Access Doors *(08 31 13 00-0016)*

08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	126.66	39.14
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	135.69	51.08
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	156.70	54.09
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	160.90	57.21
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	191.75	60.42
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	196.47	60.42
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	254.76	62.29
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	338.67	64.89

08 31 13 00-0036 Steel Recessed Access Doors For Drywall Application *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0037	EA	8" x 8" Recessed Steel Access Door With Cam Latch	183.33	38.94
		For Recessed Doors In Acoustical Tile, Add	*15.33*	
08 31 13 00-0038	EA	12" x 12" Recessed Steel Access Door With Cam Latch	191.74	41.74
		For Recessed Doors In Acoustical Tile, Add	*17.13*	
08 31 13 00-0039	EA	12" x 18" Recessed Steel Access Door With Cam Latch	206.18	44.12
		For Recessed Doors In Acoustical Tile, Add	*17.63*	
08 31 13 00-0040	EA	18" x 18" Recessed Steel Access Door With Cam Latch	242.61	46.72
		For Recessed Doors In Acoustical Tile, Add	*15.00*	
08 31 13 00-0041	EA	24" x 18" Recessed Steel Access Door With Cam Latch	255.24	49.31
		For Recessed Doors In Acoustical Tile, Add	*15.97*	
08 31 13 00-0042	EA	24" x 24" Recessed Steel Access Door With Cam Latch	280.11	49.31
		For Recessed Doors In Acoustical Tile, Add	*12.24*	
08 31 13 00-0043	EA	24" x 36" Recessed Steel Access Door With Cam Latch	348.82	62.29
		For Recessed Doors In Acoustical Tile, Add	*16.20*	
08 31 13 00-0044	EA	36" x 36" Recessed Steel Access Door With Cam Latch	501.73	64.89
		For Recessed Doors In Acoustical Tile, Add	*-3.88*	

08 31 13 00-0045 Steel Crawl Space Doors And Frames *(08 31 13)*

Note: Includes paintable powder coated finish.

08 31 13 00-0046	EA	24" x 24" Steel Crawl Space Door With Cam Latch	210.21	65.72
08 31 13 00-0047	EA	30" x 24" Steel Crawl Space Door With Cam Latch	296.78	79.63
08 31 13 00-0048	EA	30" x 30" Steel Crawl Space Door With Cam Latch	332.91	86.49

08 32 Sliding Glass Doors *(08 30)*

Note: Includes stock frames, trim, necessary anchors and Usual hardware.

08 32 13 Sliding Aluminum-Framed Glass Doors *(08 32)*

08 32 13 00-0001 Residential Sliding Aluminum-Framed Glass Doors *(08 32 13)*

08 32 13 00-0002 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 32 13 00-0001)*

08 32 13 00-0003	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	22.56	4.38
		For Custom Quality, Add	*2.74*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*1.97*	
08 32 13 00-0004	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	17.24	2.73
		For Custom Quality, Add	*2.62*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*1.88*	

08 32 13 00-0005 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 32 13 00-0001)*

08 32 13 00-0006	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	24.52	4.38
		For Custom Quality, Add	*3.23*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*2.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 32 13 00-0007	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	19.17	2.73
		For Custom Quality, Add	*3.10*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*2.23*	

08 32 19 Sliding Wood-Framed Glass Doors *(08 32)*

08 32 19 00-0001 Residential Wood Sliding Doors With 5/8" Glass *(08 32 19)*

08 32 19 00-0002	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	1,827.72	131.66
08 32 19 00-0003	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,231.26	160.92
08 32 19 00-0004	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,578.28	185.30
08 32 19 00-0005	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,009.74	131.66
08 32 19 00-0006	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,466.36	160.92
08 32 19 00-0007	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,869.22	185.30

08 33 Coiling Doors And Grilles *(08 30)*

08 33 13 Coiling Counter Doors *(08 33)*

08 33 13 00-0001 Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0002 Galvanized Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0003	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,573.37	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	4,795.61	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	5,174.68	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	5,572.18	453.20
		For Motor Operator (With Safety Reverse), Add	*762.74*	
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	5,573.45	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	5,840.84	402.81
		For Motor Operator (With Safety Reverse), Add	*750.71*	
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	5,992.25	418.94
		For Motor Operator (With Safety Reverse), Add	*754.74*	
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	6,355.66	453.20
		For Motor Operator (With Safety Reverse), Add	*763.30*	

08 33 13 00-0011 Stainless Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0012	EA	4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,128.97	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0013	EA	6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,740.13	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0014	EA	8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	5,896.96	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	
08 33 13 00-0015	EA	10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	7,183.42	453.20
		For Motor Operator (With Safety Reverse), Add	*762.74*	
08 33 13 00-0016	EA	4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	6,129.05	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0017	EA	6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	6,340.88	402.81
		For Motor Operator (With Safety Reverse), Add	*750.71*	
08 33 13 00-0018	EA	8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	6,492.29	418.94
		For Motor Operator (With Safety Reverse), Add	*754.74*	
08 33 13 00-0019	EA	10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	8,244.70	453.20
		For Motor Operator (With Safety Reverse), Add	*763.30*	

08 33 13 00-0020 Aluminum Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0021	EA	4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,017.85	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0022	EA	6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,240.09	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0023	EA	8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	5,841.40	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	
08 33 13 00-0024	EA	10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	6,905.62	453.20
		For Motor Operator (With Safety Reverse), Add	*762.74*	
08 33 13 00-0025	EA	4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	6,017.93	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0026	EA	6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	6,285.32	402.81
		For Motor Operator (With Safety Reverse), Add	*750.71*	
08 33 13 00-0027	EA	8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	6,464.51	418.94
		For Motor Operator (With Safety Reverse), Add	*754.74*	
08 33 13 00-0028	EA	10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	8,133.58	453.20
		For Motor Operator (With Safety Reverse), Add	*763.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0029		**Galvanized Steel Overhead Rolling Counter Fire Doors** *(08 33 13 00-0001)* Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0030	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	5,906.81	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0031	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	6,240.17	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0032	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	6,730.36	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	
08 33 13 00-0033	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	7,238.98	453.20
		For Motor Operator (With Safety Reverse), Add	*762.74*	
08 33 13 00-0034	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	6,573.53	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0035	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	6,896.48	402.81
		For Motor Operator (With Safety Reverse), Add	*750.71*	
08 33 13 00-0036	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	7,159.01	418.94
		For Motor Operator (With Safety Reverse), Add	*754.74*	
08 33 13 00-0037	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	7,355.74	453.20
		For Motor Operator (With Safety Reverse), Add	*763.30*	
08 33 13 00-0038		**Stainless Steel Overhead Rolling Counter Fire Doors** *(08 33 13 00-0001)* Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0039	EA	4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	6,684.65	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0040	EA	6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,573.61	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0041	EA	8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,730.44	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	
08 33 13 00-0042	EA	10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	9,461.38	453.20
		For Motor Operator (With Safety Reverse), Add	*762.74*	
08 33 13 00-0043	EA	4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,240.25	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0044	EA	6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,507.64	402.81
		For Motor Operator (With Safety Reverse), Add	*750.71*	
08 33 13 00-0045	EA	8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	7,770.17	418.94
		For Motor Operator (With Safety Reverse), Add	*754.74*	
08 33 13 00-0046	EA	10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	9,578.14	453.20
		For Motor Operator (With Safety Reverse), Add	*763.30*	
08 33 13 00-0047		**Integral Frame And Sill, Overhead Rolling Counter Doors** *(08 33 13)*		
08 33 13 00-0048		**Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill** *(08 33 13 00-0047)* Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0049	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,573.77	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0050	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,796.01	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0051	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	10,063.96	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	
08 33 13 00-0052	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	10,461.46	453.20
		For Motor Operator (With Safety Reverse), Add	*762.74*	
08 33 13 00-0053	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	9,907.13	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	10,230.08	402.81
		For Motor Operator (With Safety Reverse), Add	*750.71*	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	10,492.61	418.94
		For Motor Operator (With Safety Reverse), Add	*754.74*	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	11,689.42	453.20
		For Motor Operator (With Safety Reverse), Add	*763.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 33 13 00-0057 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,462.57	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,684.81	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	8,952.76	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	9,350.26	453.20
		For Motor Operator (With Safety Reverse), Add	*762.74*	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	9,462.65	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	9,785.60	402.81
		For Motor Operator (With Safety Reverse), Add	*750.71*	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	10,159.25	418.94
		For Motor Operator (With Safety Reverse), Add	*754.74*	
08 33 13 00-0065	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	10,467.10	453.20
		For Motor Operator (With Safety Reverse), Add	*763.30*	

08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0067	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	13,129.61	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0068	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	14,240.81	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0069	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	16,508.92	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	17,795.38	453.20
		For Motor Operator (With Safety Reverse), Add	*762.74*	
08 33 13 00-0071	EA	4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	14,796.41	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0072	EA	6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	16,008.32	402.81
		For Motor Operator (With Safety Reverse), Add	*750.71*	
08 33 13 00-0073	EA	8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	17,715.41	418.94
		For Motor Operator (With Safety Reverse), Add	*754.74*	
08 33 13 00-0074	EA	10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	20,023.42	453.20
		For Motor Operator (With Safety Reverse), Add	*763.30*	

08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0076	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	11,129.45	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	11,351.69	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	11,841.88	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	12,794.98	453.20
		For Motor Operator (With Safety Reverse), Add	*762.74*	
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	11,796.17	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	12,563.60	402.81
		For Motor Operator (With Safety Reverse), Add	*750.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	13,270.61	418.94
		For Motor Operator (With Safety Reverse), Add	*754.74*	
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	15,578.62	453.20
		For Motor Operator (With Safety Reverse), Add	*763.30*	

08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	15,907.61	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	16,463.21	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	18,731.32	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	

08 33 13 00-0088 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	12,018.41	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	16,463.21	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	18,731.32	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	

08 33 13 00-0092 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	10,462.73	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	11,796.17	362.57
		For Motor Operator (With Safety Reverse), Add	*740.64*	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	12,619.72	385.22
		For Motor Operator (With Safety Reverse), Add	*745.21*	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	13,906.18	453.20
		For Motor Operator (With Safety Reverse), Add	*762.74*	

08 33 16 Coiling Counter Grilles *(08 33)*

08 33 16 00-0001 Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)*

08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,743.08	158.62
		For Lexan Lattice Pattern, Add	*193.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*96.98*	
		For Staggered Brick Pattern, Add	*172.65*	
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,908.04	158.62
		For Lexan Lattice Pattern, Add	*218.23*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*133.45*	
		For Staggered Brick Pattern, Add	*234.21*	
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,225.61	211.47
		For Lexan Lattice Pattern, Add	*243.20*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*169.94*	
		For Staggered Brick Pattern, Add	*295.78*	
08 33 16 00-0005	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,622.61	211.47
		For Lexan Lattice Pattern, Add	*302.75*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*242.89*	
		For Staggered Brick Pattern, Add	*418.92*	
08 33 16 00-0006	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,575.10	317.25
		For Lexan Lattice Pattern, Add	*400.30*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*363.86*	
		For Staggered Brick Pattern, Add	*552.40*	
08 33 16 00-0007	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,050.76	362.57
		For Lexan Lattice Pattern, Add	*449.08*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*363.86*	
		For Staggered Brick Pattern, Add	*552.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0008	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,527.60	422.85
		For Lexan Lattice Pattern, Add	*497.86*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*484.84*	
		For Staggered Brick Pattern, Add	*685.87*	
08 33 16 00-0009	EA	24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,636.17	507.60
		For Lexan Lattice Pattern, Add	*627.54*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*581.81*	
		For Staggered Brick Pattern, Add	*709.23*	
08 33 16 00-0010	EA	30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	6,926.53	634.50
		For Lexan Lattice Pattern, Add	*767.06*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*680.99*	
		For Staggered Brick Pattern, Add	*814.12*	
08 33 16 00-0011	EA	4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,869.00	158.62
		For Lexan Lattice Pattern, Add	*212.37*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*145.44*	
		For Staggered Brick Pattern, Add	*200.58*	
08 33 16 00-0012	EA	6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,105.92	158.62
		For Lexan Lattice Pattern, Add	*247.91*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*218.15*	
		For Staggered Brick Pattern, Add	*272.80*	
08 33 16 00-0013	EA	8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,396.75	211.56
		For Lexan Lattice Pattern, Add	*268.87*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*290.85*	
		For Staggered Brick Pattern, Add	*345.01*	
08 33 16 00-0014	EA	12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,854.16	211.56
		For Lexan Lattice Pattern, Add	*337.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.36*	
		For Staggered Brick Pattern, Add	*489.43*	
08 33 16 00-0015	EA	16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,899.89	317.25
		For Lexan Lattice Pattern, Add	*449.02*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*581.81*	
		For Staggered Brick Pattern, Add	*673.76*	
08 33 16 00-0016	EA	18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,422.16	362.57
		For Lexan Lattice Pattern, Add	*504.79*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*581.81*	
		For Staggered Brick Pattern, Add	*673.76*	
08 33 16 00-0017	EA	20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,942.40	422.85
		For Lexan Lattice Pattern, Add	*560.56*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*727.27*	
		For Staggered Brick Pattern, Add	*858.09*	
08 33 16 00-0018	EA	24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	6,177.88	507.60
		For Lexan Lattice Pattern, Add	*708.79*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*872.71*	
		For Staggered Brick Pattern, Add	*989.21*	
08 33 16 00-0019	EA	30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	7,466.06	634.50
		For Lexan Lattice Pattern, Add	*847.98*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,016.08*	
		For Staggered Brick Pattern, Add	*1,108.97*	

08 33 23 Overhead Coiling Doors *(08 33)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0876 for forklift.

08 33 23 11 Overhead Coiling Doors *(08 33 23)*

08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

08 33 23 11-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,047.78	441.71
08 33 23 11-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,122.38	467.69
08 33 23 11-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,119.73	467.69
08 33 23 11-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,197.81	493.68
08 33 23 11-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,217.68	506.69
08 33 23 11-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,321.45	545.64
08 33 23 11-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,409.37	571.63
08 33 23 11-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,383.24	571.63
08 33 23 11-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,428.16	584.62
08 33 23 11-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,481.47	597.61
08 33 23 11-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,586.31	623.59
08 33 23 11-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,477.83	597.61
08 33 23 11-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,568.92	623.59
08 33 23 11-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,673.06	649.57
08 33 23 11-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,751.99	675.56

08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,563.33	657.37
		For Insulated, Add	*1,035.05*	
08 33 23 11-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,636.42	672.31
		For Insulated, Add	*1,069.66*	
08 33 23 11-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,852.59	717.13
		For Insulated, Add	*1,171.32*	
08 33 23 11-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,044.01	747.01
		For Insulated, Add	*1,274.54*	
08 33 23 11-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,743.59	687.25
		For Insulated, Add	*1,129.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,961.53	747.01
		For Insulated, Add	*1,212.68*	
08 33 23 11-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,119.71	776.89
		For Insulated, Add	*1,290.98*	
08 33 23 11-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,321.32	806.77
		For Insulated, Add	*1,401.85*	
08 33 23 11-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,932.30	717.13
		For Insulated, Add	*1,231.10*	
08 33 23 11-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,106.08	747.01
		For Insulated, Add	*1,321.10*	
08 33 23 11-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,339.65	806.77
		For Insulated, Add	*1,415.60*	
08 33 23 11-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,598.81	832.75
		For Insulated, Add	*1,574.89*	
08 33 23 11-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,681.17	884.72
		For Insulated, Add	*1,566.51*	
08 33 23 11-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,022.44	936.68
		For Insulated, Add	*1,752.31*	
08 33 23 11-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,378.12	988.65
		For Insulated, Add	*1,948.91*	

08 33 23 11-0034 22 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,259.10	591.63
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*161.37*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*268.96*	
		For Insulated, Add	*895.62*	
08 33 23 11-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,432.46	624.51
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*177.51*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*295.85*	
		For Insulated, Add	*981.24*	
08 33 23 11-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,555.48	650.48
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*188.17*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*313.62*	
		For Insulated, Add	*1,038.42*	
08 33 23 11-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,576.68	690.24
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*179.42*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*299.04*	
		For Insulated, Add	*1,000.66*	
08 33 23 11-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,827.78	755.98
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*197.37*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*328.94*	
		For Insulated, Add	*1,100.23*	
08 33 23 11-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,989.65	781.97
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*213.85*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*356.42*	
		For Insulated, Add	*1,186.56*	
08 33 23 11-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,379.90	807.94
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*264.60*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*440.99*	
		For Insulated, Add	*1,444.17*	
08 33 23 11-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,796.13	846.92
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*315.34*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*525.56*	
		For Insulated, Add	*1,703.73*	
08 33 23 11-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,801.92	739.54
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*198.43*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*330.72*	
		For Insulated, Add	*1,103.08*	
08 33 23 11-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,032.85	788.84
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*218.27*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*363.79*	
		For Insulated, Add	*1,209.70*	
08 33 23 11-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,218.98	821.72
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*236.33*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*393.88*	
		For Insulated, Add	*1,304.89*	
08 33 23 11-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,594.09	847.70
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*284.80*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*474.66*	
		For Insulated, Add	*1,551.15*	
08 33 23 11-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,995.18	886.67
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*333.27*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*555.45*	
		For Insulated, Add	*1,799.35*	
08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,308.02	854.58
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*239.83*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*399.72*	
		For Insulated, Add	*1,327.33*	
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,552.06	887.45
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*266.57*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*444.28*	
		For Insulated, Add	*1,465.95*	
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,994.19	939.42
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*317.30*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*528.83*	
		For Insulated, Add	*1,727.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,488.29	1,017.37
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*368.03*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*613.38*	
		For Insulated, Add	*1,992.74*	
08 33 23 11-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,993.64	1,121.30
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*412.65*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*687.75*	
		For Insulated, Add	*2,231.45*	
08 33 23 11-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,550.96	1,251.21
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*457.27*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*762.12*	
		For Insulated, Add	*2,474.05*	
08 33 23 11-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,160.25	1,407.11
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*501.90*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*836.50*	
		For Insulated, Add	*2,720.56*	
08 33 23 11-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,820.24	1,588.99
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*546.33*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*910.55*	
		For Insulated, Add	*2,970.01*	
08 33 23 11-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,564.02	887.45
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*268.36*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*447.27*	
		For Insulated, Add	*1,474.92*	
08 33 23 11-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,806.06	916.03
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*296.09*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*493.49*	
		For Insulated, Add	*1,617.87*	
08 33 23 11-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,357.86	968.00
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*363.27*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*605.46*	
		For Insulated, Add	*1,961.57*	
08 33 23 11-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,961.62	1,045.95
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*430.45*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*717.42*	
		For Insulated, Add	*2,309.16*	
08 33 23 11-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,555.19	1,149.89
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*488.31*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*813.85*	
		For Insulated, Add	*2,614.03*	
08 33 23 11-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,200.73	1,279.79
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*546.17*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*910.28*	
		For Insulated, Add	*2,922.80*	
08 33 23 11-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,898.24	1,435.70
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*604.02*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,006.70*	
		For Insulated, Add	*3,235.46*	
08 33 23 11-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,699.66	1,643.55
		For 20 Gauge Galvanized Steel Overhead Coiling Door, Add	*661.88*	
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,103.13*	
		For Insulated, Add	*3,555.92*	

08 33 23 11-0064 20 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover)

08 33 23 11-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,353.03	1,033.36
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*342.95*	
		For Insulated, Add	*1,869.76*	
08 33 23 11-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,767.39	1,085.32
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*389.52*	
		For Insulated, Add	*2,110.38*	
08 33 23 11-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,264.34	1,137.28
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*448.47*	
		For Insulated, Add	*2,412.93*	
08 33 23 11-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,761.62	1,215.24
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*499.68*	
		For Insulated, Add	*2,680.67*	
08 33 23 11-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,339.08	1,319.17
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*555.12*	
		For Insulated, Add	*2,973.45*	
08 33 23 11-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,916.00	1,423.09
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*610.47*	
		For Insulated, Add	*3,265.84*	
08 33 23 11-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,102.64	1,553.01
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*749.50*	
		For Insulated, Add	*3,980.43*	
08 33 23 11-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,341.25	1,708.90
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*888.52*	
		For Insulated, Add	*4,698.92*	
08 33 23 11-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,236.03	1,188.36
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*428.90*	
		For Insulated, Add	*2,322.74*	
08 33 23 11-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,705.92	1,240.32
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*483.79*	
		For Insulated, Add	*2,605.01*	
08 33 23 11-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,125.59	1,292.28
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*531.15*	
		For Insulated, Add	*2,849.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,611.74	1,370.24
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*580.69*	
		For Insulated, Add	*3,108.99*	
08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,191.73	1,474.17
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*636.51*	
		For Insulated, Add	*3,403.67*	
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,850.81	1,578.10
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*704.19*	
		For Insulated, Add	*3,757.67*	
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,844.37	1,708.01
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*814.25*	
		For Insulated, Add	*4,327.46*	
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,897.53	1,863.91
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*925.46*	
		For Insulated, Add	*4,906.86*	
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,667.86	1,336.90
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*449.10*	
		For Insulated, Add	*2,446.04*	
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,089.55	1,388.87
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*496.76*	
		For Insulated, Add	*2,692.15*	
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,761.62	1,466.82
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*574.19*	
		For Insulated, Add	*3,090.98*	
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,388.43	1,570.75
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*637.03*	
		For Insulated, Add	*3,420.78*	
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,071.09	1,700.67
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*700.46*	
		For Insulated, Add	*3,757.39*	
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,806.23	1,856.57
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*763.96*	
		For Insulated, Add	*4,098.28*	
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,045.39	2,038.44
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*895.27*	
		For Insulated, Add	*4,782.11*	
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,359.66	2,246.31
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*1,030.05*	
		For Insulated, Add	*5,487.20*	
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,480.13	1,537.44
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*510.78*	
		For Insulated, Add	*2,784.52*	
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,274.98	1,589.41
		For 18 Gauge Galvanized Steel Overhead Coiling Door, Add	*614.42*	
		For Insulated, Add	*3,310.51*	

08 33 23 11-0091 18 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0092	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,743.02	1,879.79
		For Insulated, Add	*4,019.58*	
08 33 23 11-0093	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,671.83	1,957.73
		For Insulated, Add	*4,610.96*	
08 33 23 11-0094	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,788.27	2,061.66
		For Insulated, Add	*5,307.98*	
08 33 23 11-0095	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,033.47	2,165.60
		For Insulated, Add	*6,101.58*	
08 33 23 11-0096	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,336.69	2,295.51
		For Insulated, Add	*6,903.61*	
08 33 23 11-0097	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,713.17	2,451.41
		For Insulated, Add	*7,725.50*	
08 33 23 11-0098	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,498.46	1,820.02
		For Insulated, Add	*3,166.84*	
08 33 23 11-0099	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,474.47	1,897.97
		For Insulated, Add	*3,793.62*	
08 33 23 11-0100	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,781.01	2,067.75
		For Insulated, Add	*4,544.26*	
08 33 23 11-0101	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,990.81	2,145.70
		For Insulated, Add	*5,346.39*	
08 33 23 11-0102	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,256.65	2,249.63
		For Insulated, Add	*6,155.45*	
08 33 23 11-0103	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,650.77	2,353.57
		For Insulated, Add	*7,060.73*	
08 33 23 11-0104	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,101.08	2,483.49
		For Insulated, Add	*7,973.09*	
08 33 23 11-0105	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,594.81	2,639.38
		For Insulated, Add	*8,882.92*	
08 33 23 11-0106	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,264.91	2,002.02
		For Insulated, Add	*3,495.93*	
08 33 23 11-0107	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,929.47	2,053.99
		For Insulated, Add	*3,924.20*	
08 33 23 11-0108	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,370.23	2,105.95
		For Insulated, Add	*4,934.61*	
08 33 23 11-0109	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,720.05	2,183.90
		For Insulated, Add	*5,841.75*	
08 33 23 11-0110	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,069.29	2,287.83
		For Insulated, Add	*6,713.37*	
08 33 23 11-0111	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,545.86	2,391.76
		For Insulated, Add	*7,680.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0112	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,264.93	1,999.28
		For Insulated, Add	*8,750.75*	
08 33 23 11-0113	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,171.80	2,677.58
		For Insulated, Add	*10,014.10*	

08 33 23 11-0114 Aluminum Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0115 0.04" Aluminum Overhead Coiling Doors *(08 33 23 11-0114)*

08 33 23 11-0116	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,320.78	591.63
08 33 23 11-0117	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,498.08	624.51
08 33 23 11-0118	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,966.17	650.48
08 33 23 11-0119	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,854.93	690.24
08 33 23 11-0120	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,124.38	755.98
08 33 23 11-0121	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,314.36	781.97
08 33 23 11-0122	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,545.71	807.94
08 33 23 11-0123	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,806.05	846.92
08 33 23 11-0124	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,123.75	739.54
08 33 23 11-0125	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,409.14	788.84
08 33 23 11-0126	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,664.59	821.72
08 33 23 11-0127	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,896.15	847.70
08 33 23 11-0128	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,154.67	886.67
08 33 23 11-0129	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,744.92	854.58
08 33 23 11-0130	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,996.07	887.45
08 33 23 11-0131	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,328.62	939.42
08 33 23 11-0132	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,714.42	1,017.37
08 33 23 11-0133	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,315.42	1,121.30
08 33 23 11-0134	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,968.29	1,251.21
08 33 23 11-0135	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,669.37	1,407.11
08 33 23 11-0136	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,423.52	1,588.99
08 33 23 11-0137	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,991.42	887.45
08 33 23 11-0138	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,496.32	916.03
08 33 23 11-0139	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,949.19	968.00
08 33 23 11-0140	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,456.13	1,045.95
08 33 23 11-0141	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,139.51	1,149.89
08 33 23 11-0142	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,876.66	1,279.79
08 33 23 11-0143	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,403.10	1,435.70
08 33 23 11-0144	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,035.88	1,643.55

08 33 23 11-0145 0.05" Aluminum Overhead Coiling Doors *(08 33 23 11-0114)*

08 33 23 11-0146	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	4,558.03	1,033.36
08 33 23 11-0147	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,160.22	1,085.32
08 33 23 11-0148	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,750.66	1,137.28
08 33 23 11-0149	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,345.83	1,215.24
08 33 23 11-0150	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,031.35	1,319.17
08 33 23 11-0151	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,716.82	1,423.09
08 33 23 11-0152	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,464.60	1,553.01
08 33 23 11-0153	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,264.46	1,708.90
08 33 23 11-0154	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,317.69	1,188.36
08 33 23 11-0155	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,947.90	1,240.32
08 33 23 11-0156	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,551.57	1,292.28
08 33 23 11-0157	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,226.37	1,370.24
08 33 23 11-0158	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,006.23	1,474.17
08 33 23 11-0159	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,830.28	1,578.10
08 33 23 11-0160	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,670.91	1,708.01
08 33 23 11-0161	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,517.84	1,863.91
08 33 23 11-0162	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,940.63	1,336.90
08 33 23 11-0163	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,616.53	1,388.87
08 33 23 11-0164	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,411.30	1,466.82
08 33 23 11-0165	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,246.59	1,570.75
08 33 23 11-0166	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,143.25	1,700.67
08 33 23 11-0167	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,086.01	1,856.57
08 33 23 11-0168	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,079.24	2,038.44
08 33 23 11-0169	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,130.33	2,246.31
08 33 23 11-0170	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,783.94	1,537.44
08 33 23 11-0171	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,473.11	1,589.41
08 33 23 11-0172	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,606.38	1,667.35
08 33 23 11-0173	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,392.14	1,771.29
08 33 23 11-0174	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,368.41	1,901.20
08 33 23 11-0175	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,423.18	2,057.10
08 33 23 11-0176	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,482.73	2,238.98
08 33 23 11-0177	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,625.24	2,446.84
08 33 23 11-0178	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,007.98	1,820.02
08 33 23 11-0179	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,912.74	1,897.97
08 33 23 11-0180	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,107.42	2,067.75
08 33 23 11-0181	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,099.15	2,145.70
08 33 23 11-0182	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,141.41	2,249.63
08 33 23 11-0183	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,193.97	2,353.57
08 33 23 11-0184	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,242.47	2,483.49
08 33 23 11-0185	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,350.31	2,639.38
08 33 23 11-0186	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,827.55	2,002.02
08 33 23 11-0187	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,381.10	2,053.99
08 33 23 11-0188	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,726.30	2,105.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0189	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,838.92	2,183.90
08 33 23 11-0190	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,943.08	2,287.83
08 33 23 11-0191	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,047.26	2,391.76
08 33 23 11-0192	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,356.68	2,521.68
08 33 23 11-0193	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,762.32	2,677.58

08 33 23 11-0194 Overhead Coiling Door Accessories *(08 33 23 11)*

08 33 23 11-0195	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	3.71	1.22
08 33 23 11-0196	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	20.40	1.46
08 33 23 11-0197	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	19.50	1.46
08 33 23 11-0198	EA	Cylinder Lock For Coiling Doors	239.80	60.95
08 33 23 11-0199	EA	Up To 12' x 12' Opening, Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	1,570.07	195.05
08 33 23 11-0200	EA	>12' x 12' To 18' x 18' Opening, Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	1,756.90	195.05
08 33 23 11-0201	EA	>18' x 18' Opening, Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,807.77	195.05
08 33 23 11-0202	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles	79.67	
08 33 23 11-0203	EA	Remote Transmitter Kit For Coiling Door Operators	316.28	97.52

08 33 23 11-0204 Removal And Reinstallation Of Roll-Up Door And Support *(08 33 23 11)*

Note: Includes storage, cleaning and supply materials.

08 33 23 11-0205	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports	20.85	

08 33 23 13 Overhead Rapid Coiling Doors *(08 33 23)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0876 for forklift.

08 33 23 13-0001 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13)*

Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.

08 33 23 13-0002 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0001)*

08 33 23 13-0003 6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0002)*

08 33 23 13-0004	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,733.59	390.10
08 33 23 13-0005	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,911.16	406.68
08 33 23 13-0006	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,115.09	423.26
08 33 23 13-0007	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,396.97	439.84
08 33 23 13-0008	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,684.58	456.42
08 33 23 13-0009	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,164.75	473.00
08 33 23 13-0010	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,507.38	489.58

08 33 23 13-0011 7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0002)*

08 33 23 13-0012	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	10,948.99	406.68
08 33 23 13-0013	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,173.55	423.26
08 33 23 13-0014	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,454.28	439.84
08 33 23 13-0015	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,751.06	456.42
08 33 23 13-0016	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,140.68	473.00
08 33 23 13-0017	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,609.39	489.58
08 33 23 13-0018	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,980.67	506.16

08 33 23 13-0019 8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0002)*

08 33 23 13-0020	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,210.23	423.26
08 33 23 13-0021	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,489.81	439.84
08 33 23 13-0022	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,798.05	456.42
08 33 23 13-0023	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,199.14	473.00
08 33 23 13-0024	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,561.25	489.58
08 33 23 13-0025	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,071.22	506.16
08 33 23 13-0026	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,490.64	522.74

08 33 23 13-0027 9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0002)*

08 33 23 13-0028	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,527.64	439.84
08 33 23 13-0029	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,833.59	456.42
08 33 23 13-0030	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,234.67	473.00
08 33 23 13-0031	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,608.24	489.58
08 33 23 13-0032	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,000.15	506.16
08 33 23 13-0033	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,406.97	522.74
08 33 23 13-0034	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,852.75	539.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0035		10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0002)*		
08 33 23 13-0036	EA	10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	11,863.39	456.42
08 33 23 13-0037	EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,272.49	473.00
08 33 23 13-0038	EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,642.63	489.58
08 33 23 13-0039	EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,037.98	506.16
08 33 23 13-0040	EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,475.74	522.74
08 33 23 13-0041	EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,568.50	539.31
08 33 23 13-0042	EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,308.85	555.89
08 33 23 13-0043		11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0002)*		
08 33 23 13-0044	EA	11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,294.27	473.00
08 33 23 13-0045	EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,673.57	489.58
08 33 23 13-0046	EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,073.51	506.16
08 33 23 13-0047	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,512.41	522.74
08 33 23 13-0048	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,802.32	539.31
08 33 23 13-0049	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,370.74	555.89
08 33 23 13-0050	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,837.14	572.47
08 33 23 13-0051		12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) *(08 33 23 13-0002)*		
08 33 23 13-0052	EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	12,683.89	489.58
08 33 23 13-0053	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,094.14	506.16
08 33 23 13-0054	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,541.07	522.74
08 33 23 13-0055	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	13,841.29	539.31
08 33 23 13-0056	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,234.35	555.89
08 33 23 13-0057	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	14,889.87	572.47
08 33 23 13-0058	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,347.11	589.06
08 33 23 13-0059		Rytec® PredaDoor® Door Options *(08 33 23 13-0001)*		
08 33 23 13-0060	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	372.51	97.52
08 33 23 13-0061	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	618.93	97.52
08 33 23 13-0062	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	9.28	
08 33 23 13-0063		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13)*		
		Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08 33 23 13-0064		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0063)*		
08 33 23 13-0065		8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0064)*		
08 33 23 13-0066	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,793.20	585.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0067	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,515.21	601.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0068	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,143.23	618.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0069	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,819.40	634.90
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0070	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,587.24	651.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0071	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,986.03	668.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0072	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,614.06	684.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	

08 33 23 13-0073 9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0064)*

08 33 23 13-0074	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,515.21	601.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0075	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,143.23	618.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0076	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,819.40	634.90
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0077	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,587.24	651.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0078	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,986.03	668.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0079	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,614.06	684.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0080	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,426.62	701.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

08 33 23 13-0081 10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0064)*

08 33 23 13-0082	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,143.23	618.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0083	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,819.40	634.90
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0084	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,587.24	651.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0085	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,986.03	668.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0086	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,614.06	684.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0087	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,426.62	701.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0088	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,193.33	717.79
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

08 33 23 13-0089 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0064)*

08 33 23 13-0090	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,819.40	634.90
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0091	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,587.24	651.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0092	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,986.03	668.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0093	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,614.06	684.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0094	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,426.62	701.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0095	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,193.33	717.79
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0096	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,051.73	734.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

08 33 23 13-0097 12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0064)*

08 33 23 13-0098	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,587.24	651.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0099	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,986.03	668.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0100	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,614.06	684.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0101	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,426.62	701.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0102	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,193.33	717.79
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0103	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,051.73	734.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0104	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,666.00	750.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

08 33 23 13-0105 13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0064)*

08 33 23 13-0106	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	19,458.26	668.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0107	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,263.94	684.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0108	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,027.21	701.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0109	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,915.42	717.79
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0110	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,800.18	734.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0111	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,454.57	750.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0112	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,949.64	767.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

08 33 23 13-0113 14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0064)*

08 33 23 13-0114	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	20,263.94	684.63
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0115	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,027.21	701.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0116	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	21,915.42	717.79
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0117	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	22,800.18	734.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0118	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,454.57	750.95
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0119	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,949.64	767.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0120	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,689.99	784.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	

08 33 23 13-0121 Rytec® Fast-Seal® Door Options *(08 33 23 13-0063)*

08 33 23 13-0122	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	34.39
08 33 23 13-0123	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	372.51
08 33 23 13-0124	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	618.93
08 33 23 13-0125	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	910.20
08 33 23 13-0126	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	217.77
08 33 23 13-0127	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 90" wide.	429.82
08 33 23 13-0128	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 102" wide.	544.43
08 33 23 13-0129	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 136" wide.	859.63
08 33 23 13-0130	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	252.16
08 33 23 13-0131	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 108" wide.	498.59
08 33 23 13-0132	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 144" wide.	618.93
08 33 23 13-0133	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 192" wide.	997.17

08 33 23 13-0134 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13)*

Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.

08 33 23 13-0135 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13-0134)*

08 33 23 13-0136 8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0135)*

08 33 23 13-0137	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,506.75	780.21
08 33 23 13-0138	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,159.98	796.79
08 33 23 13-0139	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,813.22	813.37
08 33 23 13-0140	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,467.61	829.94
08 33 23 13-0141	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,120.85	846.52
08 33 23 13-0142	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,774.09	863.10
08 33 23 13-0143	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,666.33	879.68

08 33 23 13-0144 9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0135)*

08 33 23 13-0145	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,159.98	796.79
08 33 23 13-0146	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,813.22	813.37
08 33 23 13-0147	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,467.61	829.94
08 33 23 13-0148	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,120.85	846.52
08 33 23 13-0149	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,774.09	863.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0150	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,427.32	879.68
08 33 23 13-0151	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,319.57	896.26
08 33 23 13-0152		10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0135)*		
08 33 23 13-0153	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,813.22	813.37
08 33 23 13-0154	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,467.61	829.94
08 33 23 13-0155	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,120.85	846.52
08 33 23 13-0156	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,774.09	863.10
08 33 23 13-0157	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,427.32	879.68
08 33 23 13-0158	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,080.56	896.26
08 33 23 13-0159	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,972.81	912.84
08 33 23 13-0160		11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0135)*		
08 33 23 13-0161	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	24,467.61	829.94
08 33 23 13-0162	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,120.85	846.52
08 33 23 13-0163	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,774.09	863.10
08 33 23 13-0164	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,427.32	879.68
08 33 23 13-0165	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,080.56	896.26
08 33 23 13-0166	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,733.80	912.84
08 33 23 13-0167	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,624.92	929.42
08 33 23 13-0168		12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0135)*		
08 33 23 13-0169	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,120.85	846.52
08 33 23 13-0170	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,774.09	863.10
08 33 23 13-0171	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,427.32	879.68
08 33 23 13-0172	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,080.56	896.26
08 33 23 13-0173	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,733.80	912.84
08 33 23 13-0174	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,387.05	929.42
08 33 23 13-0175	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,279.29	946.00
08 33 23 13-0176		13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0135)*		
08 33 23 13-0177	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	25,774.09	863.10
08 33 23 13-0178	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	26,427.32	879.68
08 33 23 13-0179	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,080.56	896.26
08 33 23 13-0180	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,733.80	912.84
08 33 23 13-0181	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,387.05	929.42
08 33 23 13-0182	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,040.28	946.00
08 33 23 13-0183	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,932.53	962.58
08 33 23 13-0184		14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0135)*		
08 33 23 13-0185	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	27,666.33	879.68
08 33 23 13-0186	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,319.57	896.26
08 33 23 13-0187	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	28,972.81	912.84
08 33 23 13-0188	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	29,624.92	929.42
08 33 23 13-0189	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,279.29	946.00
08 33 23 13-0190	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	30,932.53	962.58
08 33 23 13-0191	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,580.04	979.16
08 33 23 13-0192		Rytec® Spiral® Door Options *(08 33 23 13-0134)*		
08 33 23 13-0193	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Per door price.	372.51	
08 33 23 13-0194	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	252.16	
08 33 23 13-0195	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	372.51	
08 33 23 13-0196	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors.	716.45	48.77
08 33 23 13-0197	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	2,051.85	97.52
08 33 23 13-0198	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	3,662.23	97.52
08 33 23 13-0199	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	4,160.81	97.52
08 33 23 13-0200		Activation And Control Box Options For High Speed Doors *(08 33 23 13)*		
08 33 23 13-0201	EA	Pull Cord For High-Speed Rolling Doors	189.21	48.77
08 33 23 13-0202	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors	140.46	24.38
08 33 23 13-0203	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors	174.85	24.38
08 33 23 13-0204	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors	186.31	24.38
08 33 23 13-0205	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors	329.58	24.38
08 33 23 13-0206	EA	Radio Control For High-Speed Rolling Doors Note: Includes one receiver and two transmitters.	518.80	43.89
08 33 23 13-0207	EA	Floor Loop For High-Speed Rolling Doors Note: Excludes sealant.	713.85	
08 33 23 13-0208	EA	Reflective Type Photo Eye For High-Speed Rolling Doors	449.69	43.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0209	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors	581.84	43.89
08 33 23 13-0210	EA	Motion Detector For High-Speed Rolling Doors	494.07	29.26
08 33 23 13-0211	EA	Remote Warning Horn For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	349.68	48.77
08 33 23 13-0212	EA	Remote Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	470.03	48.77
08 33 23 13-0213	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	533.07	48.77
08 33 23 13-0214	EA	Red And Green Red Light For High-Speed Rolling Doors Note: Includes mounting hardware.	659.15	48.77

08 33 26 Overhead Coiling Grilles *(08 33)*

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0876 for forklift.

08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) *(08 33 26)*

08 33 26 00-0002	EA	4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,147.57	190.35
		For Lexan Lattice Pattern, Add	*240.62*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*193.94*	
		For Staggered Brick Pattern, Add	*262.52*	
08 33 26 00-0003	EA	6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,433.80	190.35
		For Lexan Lattice Pattern, Add	*283.56*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*290.91*	
		For Staggered Brick Pattern, Add	*355.54*	
08 33 26 00-0004	EA	8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,929.14	237.93
		For Lexan Lattice Pattern, Add	*337.30*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*387.88*	
		For Staggered Brick Pattern, Add	*448.55*	
08 33 26 00-0005	EA	12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,341.93	237.93
		For Lexan Lattice Pattern, Add	*399.22*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.11*	
		For Staggered Brick Pattern, Add	*634.58*	
08 33 26 00-0006	EA	16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,600.54	380.70
		For Lexan Lattice Pattern, Add	*526.67*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*775.75*	
		For Staggered Brick Pattern, Add	*894.90*	
08 33 26 00-0007	EA	20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,717.68	475.87
		For Lexan Lattice Pattern, Add	*654.12*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*969.69*	
		For Staggered Brick Pattern, Add	*1,155.21*	
08 33 26 00-0008	EA	24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,207.26	571.05
		For Lexan Lattice Pattern, Add	*836.55*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,163.63*	
		For Staggered Brick Pattern, Add	*1,299.47*	
08 33 26 00-0009	EA	30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,787.01	697.93
		For Lexan Lattice Pattern, Add	*1,019.89*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,347.75*	
		For Staggered Brick Pattern, Add	*1,417.24*	
08 33 26 00-0010	EA	4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,355.03	190.35
		For Lexan Lattice Pattern, Add	*271.74*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*242.42*	
		For Staggered Brick Pattern, Add	*311.89*	
08 33 26 00-0011	EA	6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,734.37	190.35
		For Lexan Lattice Pattern, Add	*328.64*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*363.62*	
		For Staggered Brick Pattern, Add	*442.89*	
08 33 26 00-0012	EA	8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,262.37	237.93
		For Lexan Lattice Pattern, Add	*387.59*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*484.85*	
		For Staggered Brick Pattern, Add	*573.90*	
08 33 26 00-0013	EA	12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,779.34	237.93
		For Lexan Lattice Pattern, Add	*465.13*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*727.27*	
		For Staggered Brick Pattern, Add	*835.92*	
08 33 26 00-0014	EA	16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,175.11	380.70
		For Lexan Lattice Pattern, Add	*612.85*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*969.69*	
		For Staggered Brick Pattern, Add	*1,152.62*	
08 33 26 00-0015	EA	20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,427.34	475.87
		For Lexan Lattice Pattern, Add	*760.56*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,212.11*	
		For Staggered Brick Pattern, Add	*1,469.31*	
08 33 26 00-0016	EA	24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,064.69	571.05
		For Lexan Lattice Pattern, Add	*965.17*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,454.72*	
		For Staggered Brick Pattern, Add	*1,701.58*	
08 33 26 00-0017	EA	30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,110.96	697.93
		For Lexan Lattice Pattern, Add	*1,218.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,703.26*	
		For Staggered Brick Pattern, Add	*1,906.15*	
08 33 26 00-0018	EA	4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,592.60	190.35
		For Lexan Lattice Pattern, Add	*307.38*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*290.91*	
		For Staggered Brick Pattern, Add	*360.53*	
08 33 26 00-0019	EA	6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,661.37	190.35
		For Lexan Lattice Pattern, Add	*317.69*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.36*	
		For Staggered Brick Pattern, Add	*528.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0020	EA	8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,241.44	237.93
		For Lexan Lattice Pattern, Add	*384.14*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*581.80*	
		For Staggered Brick Pattern, Add	*697.04*	
08 33 26 00-0021	EA	12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,275.19	237.93
		For Lexan Lattice Pattern, Add	*539.21*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*872.69*	
		For Staggered Brick Pattern, Add	*1,033.55*	
08 33 26 00-0022	EA	16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,987.31	380.70
		For Lexan Lattice Pattern, Add	*734.68*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,163.62*	
		For Staggered Brick Pattern, Add	*1,436.95*	
08 33 26 00-0023	EA	20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,557.94	475.87
		For Lexan Lattice Pattern, Add	*930.15*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,454.53*	
		For Staggered Brick Pattern, Add	*1,840.32*	
08 33 26 00-0024	EA	24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,163.44	571.05
		For Lexan Lattice Pattern, Add	*1,129.98*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,745.44*	
		For Staggered Brick Pattern, Add	*1,945.89*	
08 33 26 00-0025	EA	30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,419.04	697.93
		For Lexan Lattice Pattern, Add	*1,414.69*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,022.71*	
		For Staggered Brick Pattern, Add	*2,120.07*	
08 33 26 00-0026	EA	4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,017.52	190.35
		For Lexan Lattice Pattern, Add	*371.12*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*339.26*	
		For Staggered Brick Pattern, Add	*666.84*	
08 33 26 00-0027	EA	6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,481.46	190.35
		For Lexan Lattice Pattern, Add	*440.71*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*509.00*	
		For Staggered Brick Pattern, Add	*818.79*	
08 33 26 00-0028	EA	8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,085.53	237.93
		For Lexan Lattice Pattern, Add	*511.06*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*678.72*	
		For Staggered Brick Pattern, Add	*953.41*	
08 33 26 00-0029	EA	12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,060.10	237.93
		For Lexan Lattice Pattern, Add	*657.25*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,018.17*	
		For Staggered Brick Pattern, Add	*1,209.00*	
08 33 26 00-0030	EA	16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,797.67	380.70
		For Lexan Lattice Pattern, Add	*856.23*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,357.57*	
		For Staggered Brick Pattern, Add	*1,617.42*	
08 33 26 00-0031	EA	20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,391.75	475.87
		For Lexan Lattice Pattern, Add	*1,055.23*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,696.95*	
		For Staggered Brick Pattern, Add	*2,025.84*	
08 33 26 00-0032	EA	24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,029.14	571.05
		For Lexan Lattice Pattern, Add	*1,259.84*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,036.34*	
		For Staggered Brick Pattern, Add	*2,297.53*	
08 33 26 00-0033	EA	30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	12,829.36	697.93
		For Lexan Lattice Pattern, Add	*1,626.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,403.93*	
		For Staggered Brick Pattern, Add	*2,625.04*	

08 33 26 00-0034 Coiling Grilles Accessories *(08 33 26)*

08 33 26 00-0035	LF	For Overhead Framed Rolling Grille Supports	91.44	

08 33 36 Side Coiling Grilles *(08 33)*

08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) *(08 33 36)*

08 33 36 00-0002	EA	12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	3,671.70	532.25
		For Lexan Lattice Pattern, Add	*322.63*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*581.81*	
		For Staggered Brick Pattern, Add	*634.58*	
08 33 36 00-0003	EA	18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	5,111.52	683.71
		For Lexan Lattice Pattern, Add	*473.71*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*892.45*	
		For Staggered Brick Pattern, Add	*1,016.38*	
08 33 36 00-0004	EA	24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	6,610.96	862.09
		For Lexan Lattice Pattern, Add	*622.18*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,163.63*	
		For Staggered Brick Pattern, Add	*1,299.47*	
08 33 36 00-0005	EA	30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	7,905.18	951.73
		For Lexan Lattice Pattern, Add	*777.73*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,347.75*	
		For Staggered Brick Pattern, Add	*1,417.24*	
08 33 36 00-0006	EA	12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	4,420.47	606.85
		For Lexan Lattice Pattern, Add	*403.01*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*727.27*	
		For Staggered Brick Pattern, Add	*835.92*	
08 33 36 00-0007	EA	18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	6,178.07	779.43
		For Lexan Lattice Pattern, Add	*592.49*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,071.08*	
		For Staggered Brick Pattern, Add	*1,269.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0008	EA	24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	7,898.56	982.46
		For Lexan Lattice Pattern, Add	*763.59*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,454.72*	
		For Staggered Brick Pattern, Add	*1,701.58*	
08 33 36 00-0009	EA	30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	9,591.87	1,084.98
		For Lexan Lattice Pattern, Add	*971.88*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,703.26*	
		For Staggered Brick Pattern, Add	*1,906.15*	
08 33 36 00-0010	EA	12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	5,178.46	683.71
		For Lexan Lattice Pattern, Add	*483.75*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*872.69*	
		For Staggered Brick Pattern, Add	*1,033.55*	
08 33 36 00-0011	EA	18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	7,250.17	878.13
		For Lexan Lattice Pattern, Add	*709.85*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,288.54*	
		For Staggered Brick Pattern, Add	*1,575.91*	
08 33 36 00-0012	EA	24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	9,369.09	1,107.19
		For Lexan Lattice Pattern, Add	*933.27*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,745.44*	
		For Staggered Brick Pattern, Add	*1,945.89*	
08 33 36 00-0013	EA	30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	11,268.87	1,221.40
		For Lexan Lattice Pattern, Add	*1,166.59*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,022.71*	
		For Staggered Brick Pattern, Add	*2,120.07*	
08 33 36 00-0014	EA	12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	5,928.93	755.95
		For Lexan Lattice Pattern, Add	*565.62*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,018.17*	
		For Staggered Brick Pattern, Add	*1,209.00*	
08 33 36 00-0015	EA	18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	8,321.80	970.77
		For Lexan Lattice Pattern, Add	*828.63*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,472.65*	
		For Staggered Brick Pattern, Add	*1,750.94*	
08 33 36 00-0016	EA	24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	10,745.00	1,223.93
		For Lexan Lattice Pattern, Add	*1,088.82*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,036.34*	
		For Staggered Brick Pattern, Add	*2,297.53*	
08 33 36 00-0017	EA	30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	12,929.14	1,351.47
		For Lexan Lattice Pattern, Add	*1,360.32*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,403.93*	
		For Staggered Brick Pattern, Add	*2,625.04*	

08 33 43 Overhead Coiling Smoke Curtains *(08 33)*

08 33 43 00-0001 Elevator Smoke Guard *(08 33 43)*

08 33 43 00-0002	EA	Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400)	9,088.81	532.25
08 33 43 00-0003	EA	Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400)	9,409.18	532.25
08 33 43 00-0004	EA	Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400)	9,729.56	532.25

08 34 Special Function Doors *(08 30)*

08 34 13 Cold Storage Doors *(08 34)*

08 34 13 00-0001 Vertical Sliding Doors *(08 34 13)*

Note: Doors to be filled with 4" foamed-in-place polyurethane.

08 34 13 00-0002	EA	7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	10,459.58	766.61
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*382.56*	
08 34 13 00-0003	EA	7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane	13,433.64	973.23
		For Adjusting Height Of Door To Fit Opening <7' Height, Add	*486.62*	

08 34 13 00-0004 Horizontal Sliding Doors *(08 34 13)*

Note: Doors to be filled with 4" foamed-in-place polyurethane.

08 34 13 00-0005	EA	6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	8,408.25	612.26
08 34 13 00-0006	EA	7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	9,471.99	690.41
08 34 13 00-0007	EA	7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	12,216.60	909.87
08 34 13 00-0008	EA	5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" Foam In Place (FIP) Polyurethane	7,287.32	556.30

08 34 13 00-0009 Horizontal Hinge Type *(08 34 13)*

Note: Doors to be filled with 4" foamed-in-place polyurethane.

08 34 13 00-0010	EA	3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" Foam In Place (FIP) Polyurethane	4,948.68	361.85

08 34 16 Hangar Doors *(08 34)*

08 34 16 00-0001	SF	70' To 120' Wide X To 20' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	55.11	14.62
08 34 16 00-0002	SF	120' To 180' Wide X To 20' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	49.64	14.62
08 34 16 00-0003	SF	120' To 180' Wide X 20-40' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	50.41	3.13
08 34 16 00-0004	SF	120' To 180' Wide X 40-60' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	52.58	2.09
08 34 16 00-0005	SF	120' To 180' Wide X 60-80' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	55.61	2.09
08 34 16 00-0006	SF	120' To 180' Wide x >80' High Hanger Door 25' Panels Note: Includes motorized opener and special hardware.	87.02	2.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 34 23 Sidewalk and Basement Doors *(08 34)*

08 34 23 00-0001 Drainage Doors *(08 34 23)*

08 34 23 00-0002 Single Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - J Series.

08 34 23 00-0003	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,133.57	173.70
08 34 23 00-0004	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,394.77	181.49
08 34 23 00-0005	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,481.31	185.39
08 34 23 00-0006	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,633.91	189.29
08 34 23 00-0007	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,905.35	199.05
08 34 23 00-0008	EA	2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,942.56	194.47
08 34 23 00-0009	EA	3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,162.17	199.05
08 34 23 00-0010	EA	2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,257.06	203.63
08 34 23 00-0011	EA	3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,476.68	208.22
08 34 23 00-0012	EA	3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,875.79	219.92

08 34 23 00-0013 Double Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - JD Series.

08 34 23 00-0014	EA	4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,309.44	194.47
08 34 23 00-0015	EA	4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,425.31	208.22
08 34 23 00-0016	EA	4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,076.79	231.62
08 34 23 00-0017	EA	5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,164.84	231.62

08 34 23 00-0018 Single Leaf Aluminum H2O Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - J H2O Series.

08 34 23 00-0019	EA	2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,815.96	173.70
08 34 23 00-0020	EA	2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,121.18	181.49
08 34 23 00-0021	EA	3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,310.48	185.39
08 34 23 00-0022	EA	3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,617.18	189.29
08 34 23 00-0023	EA	3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,028.03	199.05

08 34 23 00-0024 Double Leaf Aluminum H2O Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - JD H2O Series.

08 34 23 00-0025	EA	4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,028.52	194.47
08 34 23 00-0026	EA	4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	4,054.25	208.22
08 34 23 00-0027	EA	4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,769.67	231.62
08 34 23 00-0028	EA	5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,432.14	231.62

08 34 23 00-0029 Single Leaf Steel Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - J Series.

08 34 23 00-0030	EA	2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door	1,566.83	173.70
08 34 23 00-0031	EA	2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,646.29	181.49
08 34 23 00-0032	EA	3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,835.99	185.39
08 34 23 00-0033	EA	3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,035.38	189.29
08 34 23 00-0034	EA	3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,369.36	199.05
08 34 23 00-0035	EA	2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,256.09	194.47
08 34 23 00-0036	EA	3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,572.58	199.05
08 34 23 00-0037	EA	2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,560.07	203.63
08 34 23 00-0038	EA	3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,857.22	208.22
08 34 23 00-0039	EA	3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,048.97	219.92

08 34 23 00-0040 Double Leaf Steel Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - JD Series.

08 34 23 00-0041	EA	4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,778.66	194.47
08 34 23 00-0042	EA	4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,915.28	208.22
08 34 23 00-0043	EA	4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,637.48	231.62
08 34 23 00-0044	EA	5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,743.93	231.62

08 34 23 00-0045 Single Leaf Steel H2O Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - J H2O Series.

08 34 23 00-0046	EA	2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,689.39	173.70
08 34 23 00-0047	EA	2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,846.27	181.49
08 34 23 00-0048	EA	3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,948.90	185.39
08 34 23 00-0049	EA	3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,477.33	189.29
08 34 23 00-0050	EA	3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,101.62	199.05

08 34 23 00-0051 Double Leaf Steel H2O Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - JD H2O Series.

08 34 23 00-0052	EA	4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,520.57	194.47
08 34 23 00-0053	EA	4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	5,053.95	208.22
08 34 23 00-0054	EA	4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,518.06	231.62
08 34 23 00-0055	EA	5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	7,324.52	231.62

08 34 23 00-0056 Single Leaf Aluminum Drainage Door *(08 34 23 00-0001)*

Note: Bilco - J-R (Odor Resistant).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0057	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,647.63	173.70
08 34 23 00-0058	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,964.40	181.49
08 34 23 00-0059	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,086.02	185.39
08 34 23 00-0060	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,209.89	189.29
08 34 23 00-0061	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	2,505.08	199.05
08 34 23 00-0062		Non-Drainage Doors *(08 34 23)*		
08 34 23 00-0063		Single Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - Q Series.		
08 34 23 00-0064	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,089.62	173.70
08 34 23 00-0065	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,321.39	181.49
08 34 23 00-0066	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,415.33	185.39
08 34 23 00-0067	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,472.52	189.29
08 34 23 00-0068	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,853.99	199.05
08 34 23 00-0069	EA	2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,671.10	194.47
08 34 23 00-0070	EA	3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,868.67	199.05
08 34 23 00-0071	EA	2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,095.51	203.63
08 34 23 00-0072	EA	3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,219.94	208.22
08 34 23 00-0073	EA	3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,523.85	219.92
08 34 23 00-0074		Single Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - K Series.		
08 34 23 00-0075	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	891.51	173.70
08 34 23 00-0076	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,071.91	181.49
08 34 23 00-0077	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,187.87	185.39
08 34 23 00-0078	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,267.07	189.29
08 34 23 00-0079	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,472.44	199.05
08 34 23 00-0080		Double Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0081	EA	4' x 2'-6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,126.03	194.47
08 34 23 00-0082		Double Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - KD Series.		
08 34 23 00-0083	EA	4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,036.50	208.22
08 34 23 00-0084	EA	4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,864.10	231.62
08 34 23 00-0085	EA	5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,922.80	231.62
08 34 23 00-0086		Single Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - T Series.		
08 34 23 00-0087	EA	2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	979.56	173.70
08 34 23 00-0088	EA	2'-6" x 2'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,145.29	181.49
08 34 23 00-0089	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,224.55	185.39
08 34 23 00-0090	EA	3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,340.45	189.29
08 34 23 00-0091	EA	3'-6" x 3'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,567.83	199.05
08 34 23 00-0092		Double Leaf Aluminum Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - TD Series.		
08 34 23 00-0093	EA	4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	2,161.24	208.22
08 34 23 00-0094	EA	4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	3,018.19	231.62
08 34 23 00-0095	EA	5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering	3,062.21	231.62
08 34 23 00-0096		Single Leaf Steel Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - Q Series.		
08 34 23 00-0097	EA	2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,063.69	173.70
08 34 23 00-0098	EA	2'-6" x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,191.46	181.49
08 34 23 00-0099	EA	3' x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,342.51	185.39
08 34 23 00-0100	EA	3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,425.76	189.29
08 34 23 00-0101		Double Leaf Steel Non-Drainage Doors *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0102	EA	4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,169.00	194.47
08 34 23 00-0103		Basement Doors *(08 34 23)*		
		Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0104	EA	45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series)	1,444.87	219.44
08 34 23 00-0105	EA	30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series)	1,213.19	166.28
08 34 23 00-0106	EA	22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series)	1,259.92	182.86
08 34 23 00-0107	EA	19-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series)	1,346.26	195.05
08 34 23 00-0108	EA	52" High x 51" Wide x 43-1/4" Long, Basement Door (Bilco Classic Series)	1,489.84	219.44

08 34 49 Radiation Shielding Doors And Frames *(08 34)*

08 34 49 13 Neutron Shielding Doors And Frames *(08 34 49)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 49 13-0001		**Lead Lined Doors And Frames** *(08 34 49 13)*		
08 34 49 13-0002	SF	1/16" Thick Laminated Lead In Wood Door	101.05	9.75
08 34 49 13-0003	SF	1/8" Thick Laminated Lead In Wood Door	124.05	9.75
08 34 49 13-0004	LF	1/16" Thick Lead Lined Door Frame	109.71	9.75
08 34 49 13-0005	LF	1/8" Thick Lead Lined Door Frame	117.37	9.75
08 34 53		**Security Doors And Frames** *(08 34)*		
08 34 53 00-0001		Metal Security Doors, Bullet Resistant *(08 34 53)* Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.		
08 34 53 00-0002	SF	Metal Security Door	49.19	7.44
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door	1,991.20	371.18
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door	2,342.10	394.02
08 34 53 00-0005		Metal Security Doors *(08 34 53)* Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O) Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.	910.11	67.98
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O) Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.	910.11	67.98
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O) Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.	1,297.20	67.98
08 34 56		**Security Gates** *(08 34)*		
08 34 56 00-0001		Pivoting Double Folding Gate *(08 34 56)* Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0002	EA	6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,009.70	185.50
08 34 56 00-0003	EA	8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,133.49	208.68
08 34 56 00-0004	EA	8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,218.57	231.87
08 34 56 00-0005	EA	8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,342.34	255.06
08 34 56 00-0006	EA	10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,149.68	187.81
08 34 56 00-0007	EA	10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,234.96	211.01
08 34 56 00-0008	EA	10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,354.05	234.19
08 34 56 00-0009	EA	10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,444.29	257.37
08 34 56 00-0010	EA	12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,212.36	190.14
08 34 56 00-0011	EA	12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,297.38	213.32
08 34 56 00-0012	EA	12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,369.03	224.91
08 34 56 00-0013	EA	12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,440.92	236.51
08 34 56 00-0014	EA	12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,535.71	259.70
08 34 56 00-0015	EA	14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,333.21	192.45
08 34 56 00-0016	EA	14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,417.97	215.64
08 34 56 00-0017	EA	14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,499.23	227.24
08 34 56 00-0018	EA	14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,600.64	238.83
08 34 56 00-0019	EA	14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,743.34	262.01
08 34 56 00-0020	EA	16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,516.81	197.09
08 34 56 00-0021	EA	16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,625.46	222.60
08 34 56 00-0022	EA	16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,750.01	236.51
08 34 56 00-0023	EA	16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,822.97	243.47
08 34 56 00-0024		Pivoting Single Folding Gate *(08 34 56)* Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.		
08 34 56 00-0025	EA	5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	685.51	129.84
08 34 56 00-0026	EA	5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	733.49	134.48
08 34 56 00-0027	EA	5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	781.47	139.12
08 34 56 00-0028	EA	5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	838.75	148.40
08 34 56 00-0029	EA	5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	876.64	157.68
08 34 56 00-0030	EA	6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	733.35	134.48
08 34 56 00-0031	EA	6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	781.53	139.12
08 34 56 00-0032	EA	6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	829.52	143.76
08 34 56 00-0033	EA	6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	886.74	153.04
08 34 56 00-0034	EA	6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	924.85	162.31
08 34 56 00-0035	EA	7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate	800.67	139.12
08 34 56 00-0036	EA	7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	848.87	143.76
08 34 56 00-0037	EA	7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate	896.79	148.40
08 34 56 00-0038	EA	7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate	954.17	157.68
08 34 56 00-0039	EA	7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate	1,011.64	166.94
08 34 56 00-0040		Window Gates, Expands From 2' To 4' *(08 34 56)* Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0041	EA	33" High Window Gate, Up To 4' Wide Opening	278.70	51.02
08 34 56 00-0042	EA	37" High Window Gate, Up To 4' Wide Opening	287.98	55.64
08 34 56 00-0043	EA	40" High Window Gate, Up To 4' Wide Opening	287.98	55.64
08 34 56 00-0044	EA	43" High Window Gate, Up To 4' Wide Opening	298.02	60.28
08 34 56 00-0045	EA	46" High Window Gate, Up To 4' Wide Opening	298.02	60.28
08 34 56 00-0046	EA	49" High Window Gate, Up To 4' Wide Opening	307.29	64.92
08 34 56 00-0047	EA	51" High Window Gate, Up To 4' Wide Opening	307.29	64.92
08 34 56 00-0048	EA	53" High Window Gate, Up To 4' Wide Opening	316.56	69.56
08 34 56 00-0049	EA	55" High Window Gate, Up To 4' Wide Opening	316.56	69.56
08 34 56 00-0050	EA	57" High Window Gate, Up To 4' Wide Opening	325.84	74.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 56 00-0051	EA	59" High Window Gate, Up To 4' Wide Opening	325.84	74.20
08 34 56 00-0052		Pivoting Door Gate, Expands From 2' To 4' *(08 34 56)* Note: Includes padlock hasp and galvanized finish. Excludes padlock.		
08 34 56 00-0053	EA	61" High Pivoting Door Gate, Up To 4' Wide Opening	335.12	78.84
08 34 56 00-0054	EA	63" High Pivoting Door Gate, Up To 4' Wide Opening	337.48	78.84
08 34 56 00-0055	EA	66" High Pivoting Door Gate, Up To 4' Wide Opening	349.88	83.48
08 34 56 00-0056	EA	71" High Pivoting Door Gate, Up To 4' Wide Opening	362.29	88.12
08 34 56 00-0057	EA	73" High Pivoting Door Gate, Up To 4' Wide Opening	365.43	88.12
08 34 56 00-0058	EA	76" High Pivoting Door Gate, Up To 4' Wide Opening	377.84	92.74
08 34 56 00-0059	EA	79" High Pivoting Door Gate, Up To 4' Wide Opening	380.98	92.74
08 34 56 00-0060	EA	81" High Pivoting Door Gate, Up To 4' Wide Opening	392.42	97.38
08 34 56 00-0061	EA	83" High Pivoting Door Gate, Up To 4' Wide Opening	396.52	97.38

08 34 73 Sound Control Door Assemblies *(08 34)*

08 34 73 13 Metal Sound Control Door Assemblies *(08 34 73)*

08 34 73 13-0001		Steel Acoustical Door Assembly *(08 34 73 13)* Note: Includes seal.		
08 34 73 13-0002		Steel Acoustical Doors *(08 34 73 13-0001)* Note: Includes hinges.		
08 34 73 13-0003	EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	2,927.13	58.52
		For 60 Minutes Fire Rated, Add	*169.74*	
		For 3" x 33" Vision Lite, Add	*1,179.46*	
		For 20" x 64" Vision Lite, Add	*1,262.15*	
08 34 73 13-0004	EA	3'-6" x 7', 14 Gauge, STC 52, Steel Acoustical Door (Unrated)	3,101.74	60.95
		For 60 Minutes Fire Rated, Add	*169.74*	
		For 3" x 33" Vision Lite, Add	*1,179.46*	
		For 20" x 64" Vision Lite, Add	*1,262.15*	
08 34 73 13-0005	EA	4' x 7', 14 Gauge, STC 53, Steel Acoustical Door (Unrated)	3,281.23	65.83
		For 60 Minutes Fire Rated, Add	*169.74*	
		For 3" x 33" Vision Lite, Add	*1,179.46*	
		For 20" x 64" Vision Lite, Add	*1,262.15*	
08 34 73 13-0006	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated)	5,842.55	111.18
		For 1 Hour Fire Rated, Add	*339.47*	
		For 3" x 33" Windows, Add	*2,358.91*	
		For 20" x 64" Windows, Add	*2,524.30*	
08 34 73 13-0007		Steel Acoustical Door Frames *(08 34 73 13-0001)*		
08 34 73 13-0008	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,397.28	97.52
08 34 73 13-0009	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,459.66	97.52
08 34 73 13-0010	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,522.05	97.52
08 34 73 13-0011	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,584.43	97.52
08 34 73 13-0012	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,741.76	107.28
08 34 73 13-0013	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,811.40	107.28
08 34 73 13-0014	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,873.78	107.28
08 34 73 13-0015	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,951.15	107.28
08 34 73 13-0016	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,092.43	112.15
08 34 73 13-0017	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,154.82	112.15
08 34 73 13-0018	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,217.20	112.15
08 34 73 13-0019	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,286.83	112.15
08 34 73 13-0020	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	5,473.34	126.78
08 34 73 13-0021	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	5,532.82	126.78
08 34 73 13-0022	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	5,596.66	126.78
08 34 73 13-0023	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	5,661.94	126.78

08 34 73 16 Wood Sound Control Door Assemblies *(08 34 73)*

08 34 73 16-0001		Wood Acoustical Door Assembly *(08 34 73 16)* Note: Includes the prefinished door, frame, hinges and seals.		
08 34 73 16-0002	EA	3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated)	2,930.20	175.55
08 34 73 16-0003	EA	3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated)	4,018.26	175.55

08 35 Folding Doors And Grilles *(08 30)*

08 35 13 Folding Doors *(08 35)*

08 35 13 13 Accordion Folding Doors *(08 35 13)*

08 35 13 13-0001		Accordion Folding Doors *(08 35 13 13)* Note: Includes track, fittings and hardware, complete.		
08 35 13 13-0002	SF	Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	59.33	9.75
08 35 13 13-0003	SF	1/32" Thick, Single Ply Vinyl, Accordion Folding Door	15.84	9.75
08 35 13 13-0004	SF	0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door	29.46	9.75
08 35 13 13-0005	SF	3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High Density Engineered Wood Core Panel, Accordion Folding Door	39.73	9.75

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 36 Panel Doors *(08 30)*

08 36 13 Sectional Doors *(08 36)*

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0876 for forklift.

08 36 13 00-0001 Sectional Wood Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0002 Wood Sectional Overhead Doors *(08 36 13 00-0001)*

Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,698.16	390.10
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	3,368.04	433.01
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	4,306.04	518.84
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	6,243.37	600.76
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	6,675.60	780.21
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	6,300.73	975.26
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	11,621.24	1,300.02

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors *(08 36 13 00-0001)*

Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,394.42	195.05
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*423.39*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	2,220.27	195.05
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*452.39*	
		For Each Glass Vision Panel In Door, Add	*50.00*	

08 36 13 00-0013 Sectional Metal Overhead Doors (Width x Height) *(08 36 13)*

Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0016	EA	8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,248.87	341.34
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*82.10*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*141.55*	
		For Aluminum, Mill Finish, Add	*64.55*	
		For Aluminum, Anodized Finish, Add	*180.61*	
08 36 13 00-0017	EA	8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,463.73	390.10
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*99.11*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*170.88*	
		For Aluminum, Mill Finish, Add	*77.92*	
		For Aluminum, Anodized Finish, Add	*218.04*	
08 36 13 00-0018	EA	8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,810.96	487.63
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*121.18*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*208.93*	
		For Aluminum, Mill Finish, Add	*95.27*	
		For Aluminum, Anodized Finish, Add	*266.59*	
08 36 13 00-0019	EA	10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,411.47	390.10
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*91.53*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*157.82*	
		For Aluminum, Mill Finish, Add	*71.96*	
		For Aluminum, Anodized Finish, Add	*201.37*	
08 36 13 00-0020	EA	10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,744.03	487.63
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*111.47*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*192.19*	
		For Aluminum, Mill Finish, Add	*87.64*	
		For Aluminum, Anodized Finish, Add	*245.24*	
08 36 13 00-0021	EA	10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,208.04	633.92
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*136.33*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*235.05*	
		For Aluminum, Mill Finish, Add	*107.18*	
		For Aluminum, Anodized Finish, Add	*299.93*	
08 36 13 00-0022	EA	10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,630.81	780.21
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*155.21*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*267.60*	
		For Aluminum, Mill Finish, Add	*122.02*	
		For Aluminum, Anodized Finish, Add	*341.45*	
08 36 13 00-0023	EA	12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,700.04	487.63
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*105.09*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*181.20*	
		For Aluminum, Mill Finish, Add	*82.62*	
		For Aluminum, Anodized Finish, Add	*231.20*	
08 36 13 00-0024	EA	12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,142.04	633.92
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*126.76*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*218.55*	
		For Aluminum, Mill Finish, Add	*99.66*	
		For Aluminum, Anodized Finish, Add	*278.87*	
08 36 13 00-0025	EA	12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,618.88	780.21
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*153.48*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*264.62*	
		For Aluminum, Mill Finish, Add	*120.66*	
		For Aluminum, Anodized Finish, Add	*337.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0026	EA	12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,093.89	926.50
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*179.93*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*310.23*	
		For Aluminum, Mill Finish, Add	*141.46*	
		For Aluminum, Anodized Finish, Add	*395.85*	
08 36 13 00-0027	EA	12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,703.09	1,121.55
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*211.70*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*365.00*	
		For Aluminum, Mill Finish, Add	*166.44*	
		For Aluminum, Anodized Finish, Add	*465.74*	
08 36 13 00-0028	EA	14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,054.95	633.92
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*114.13*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*196.78*	
		For Aluminum, Mill Finish, Add	*89.73*	
		For Aluminum, Anodized Finish, Add	*251.09*	
08 36 13 00-0029	EA	14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,528.13	780.21
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*140.32*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*241.93*	
		For Aluminum, Mill Finish, Add	*110.32*	
		For Aluminum, Anodized Finish, Add	*308.70*	
08 36 13 00-0030	EA	14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,128.16	975.26
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*170.76*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*294.41*	
		For Aluminum, Mill Finish, Add	*134.25*	
		For Aluminum, Anodized Finish, Add	*375.67*	
08 36 13 00-0031	EA	14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,604.99	1,121.55
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*197.48*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*340.48*	
		For Aluminum, Mill Finish, Add	*155.26*	
		For Aluminum, Anodized Finish, Add	*434.45*	
08 36 13 00-0032	EA	14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,130.43	1,267.84
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*231.24*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*398.69*	
		For Aluminum, Mill Finish, Add	*181.80*	
		For Aluminum, Anodized Finish, Add	*508.73*	
08 36 13 00-0033	EA	16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,496.04	780.21
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*135.66*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*233.91*	
		For Aluminum, Mill Finish, Add	*106.66*	
		For Aluminum, Anodized Finish, Add	*298.46*	
08 36 13 00-0034	EA	16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,094.24	975.26
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*165.84*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*285.93*	
		For Aluminum, Mill Finish, Add	*130.38*	
		For Aluminum, Anodized Finish, Add	*364.85*	
08 36 13 00-0035	EA	16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,622.40	1,121.55
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*200.00*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*344.83*	
		For Aluminum, Mill Finish, Add	*157.24*	
		For Aluminum, Anodized Finish, Add	*440.00*	
08 36 13 00-0036	EA	16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,267.94	1,267.84
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*251.18*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*433.07*	
		For Aluminum, Mill Finish, Add	*197.48*	
		For Aluminum, Anodized Finish, Add	*552.59*	
08 36 13 00-0037	EA	16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,961.50	1,462.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*295.18*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*508.93*	
		For Aluminum, Mill Finish, Add	*232.07*	
		For Aluminum, Anodized Finish, Add	*649.39*	
08 36 13 00-0038	EA	18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,164.84	975.26
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*176.08*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*303.58*	
		For Aluminum, Mill Finish, Add	*138.43*	
		For Aluminum, Anodized Finish, Add	*387.37*	
08 36 13 00-0039	EA	18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,748.92	1,121.55
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*218.35*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*376.46*	
		For Aluminum, Mill Finish, Add	*171.67*	
		For Aluminum, Anodized Finish, Add	*480.36*	
08 36 13 00-0040	EA	18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,469.62	1,267.84
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*280.42*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*483.49*	
		For Aluminum, Mill Finish, Add	*220.47*	
		For Aluminum, Anodized Finish, Add	*616.93*	
08 36 13 00-0041	EA	18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,164.10	1,462.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*324.55*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*559.58*	
		For Aluminum, Mill Finish, Add	*255.17*	
		For Aluminum, Anodized Finish, Add	*714.02*	
08 36 13 00-0042	EA	18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,915.41	1,657.94
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*376.93*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*649.88*	
		For Aluminum, Mill Finish, Add	*296.34*	
		For Aluminum, Anodized Finish, Add	*829.24*	
08 36 13 00-0043	EA	20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,604.99	1,121.55
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*197.48*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*340.48*	
		For Aluminum, Mill Finish, Add	*155.26*	
		For Aluminum, Anodized Finish, Add	*434.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0044	EA	20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,189.11	1,267.84
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*239.75*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*413.36*	
		For Aluminum, Mill Finish, Add	*188.49*	
		For Aluminum, Anodized Finish, Add	*527.45*	
08 36 13 00-0045	EA	20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,093.51	1,462.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*314.32*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*541.93*	
		For Aluminum, Mill Finish, Add	*247.12*	
		For Aluminum, Anodized Finish, Add	*691.50*	
08 36 13 00-0046	EA	20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,787.98	1,657.94
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*358.45*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*618.02*	
		For Aluminum, Mill Finish, Add	*281.82*	
		For Aluminum, Anodized Finish, Add	*788.59*	
08 36 13 00-0047	EA	20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,001.33	1,852.99
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*477.82*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*823.83*	
		For Aluminum, Mill Finish, Add	*375.67*	
		For Aluminum, Anodized Finish, Add	*1,051.21*	
08 36 13 00-0048	EA	22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,027.75	1,267.84
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*216.35*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*373.02*	
		For Aluminum, Mill Finish, Add	*170.10*	
		For Aluminum, Anodized Finish, Add	*475.97*	
08 36 13 00-0049	EA	22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,896.42	1,462.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*285.74*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*492.66*	
		For Aluminum, Mill Finish, Add	*224.65*	
		For Aluminum, Anodized Finish, Add	*628.63*	
08 36 13 00-0050	EA	22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,746.73	1,657.94
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*352.47*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*607.71*	
		For Aluminum, Mill Finish, Add	*277.11*	
		For Aluminum, Anodized Finish, Add	*775.43*	
08 36 13 00-0051	EA	22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,705.22	1,852.99
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*434.89*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*749.80*	
		For Aluminum, Mill Finish, Add	*341.91*	
		For Aluminum, Anodized Finish, Add	*956.75*	
08 36 13 00-0052	EA	22' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,530.73	2,048.04
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*498.03*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*858.67*	
		For Aluminum, Mill Finish, Add	*391.55*	
		For Aluminum, Anodized Finish, Add	*1,095.66*	
08 36 13 00-0053	EA	24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,506.81	1,462.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*229.25*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*395.26*	
		For Aluminum, Mill Finish, Add	*180.24*	
		For Aluminum, Anodized Finish, Add	*504.35*	
08 36 13 00-0054	EA	24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,403.86	1,657.94
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*302.75*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*521.99*	
		For Aluminum, Mill Finish, Add	*238.03*	
		For Aluminum, Anodized Finish, Add	*666.06*	
08 36 13 00-0055	EA	24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,459.53	1,852.99
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*399.26*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*688.38*	
		For Aluminum, Mill Finish, Add	*313.90*	
		For Aluminum, Anodized Finish, Add	*878.37*	
08 36 13 00-0056	EA	24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,204.38	2,048.04
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*450.70*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*777.08*	
		For Aluminum, Mill Finish, Add	*354.35*	
		For Aluminum, Anodized Finish, Add	*991.55*	
08 36 13 00-0057	EA	24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,046.44	2,243.09
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*516.24*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*890.07*	
		For Aluminum, Mill Finish, Add	*405.87*	
		For Aluminum, Anodized Finish, Add	*1,135.72*	

08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.

08 36 13 00-0059	EA	8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,518.65	341.34
		For Aluminum, Mill Finish, Add	*95.30*	
		For Aluminum, Anodized Finish, Add	*266.67*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*41.80*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*183.91*	
08 36 13 00-0060	EA	8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,798.59	390.10
		For Aluminum, Mill Finish, Add	*116.10*	
		For Aluminum, Anodized Finish, Add	*324.86*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*50.92*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*224.04*	
08 36 13 00-0061	EA	8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,214.93	487.63
		For Aluminum, Mill Finish, Add	*141.32*	
		For Aluminum, Anodized Finish, Add	*395.45*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*61.98*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*272.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0062	EA	10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,761.40	390.10
		For Aluminum, Mill Finish, Add	*111.86*	
		For Aluminum, Anodized Finish, Add	*313.00*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*49.06*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*215.86*	
08 36 13 00-0063	EA	10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,169.12	487.63
		For Aluminum, Mill Finish, Add	*136.10*	
		For Aluminum, Anodized Finish, Add	*380.84*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*59.69*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*262.65*	
08 36 13 00-0064	EA	10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,766.84	633.92
		For Aluminum, Mill Finish, Add	*170.89*	
		For Aluminum, Anodized Finish, Add	*478.18*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*74.95*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*329.78*	
08 36 13 00-0065	EA	10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,240.97	780.21
		For Aluminum, Mill Finish, Add	*191.58*	
		For Aluminum, Anodized Finish, Add	*536.10*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*84.03*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*369.72*	
08 36 13 00-0066	EA	12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,099.10	487.63
		For Aluminum, Mill Finish, Add	*128.12*	
		For Aluminum, Anodized Finish, Add	*358.50*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*56.19*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*247.24*	
08 36 13 00-0067	EA	12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,634.58	633.92
		For Aluminum, Mill Finish, Add	*155.81*	
		For Aluminum, Anodized Finish, Add	*435.99*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*68.34*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*300.69*	
08 36 13 00-0068	EA	12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,217.64	780.21
		For Aluminum, Mill Finish, Add	*188.92*	
		For Aluminum, Anodized Finish, Add	*528.65*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*82.86*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*364.59*	
08 36 13 00-0069	EA	12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,772.14	926.50
		For Aluminum, Mill Finish, Add	*218.78*	
		For Aluminum, Anodized Finish, Add	*612.21*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*95.96*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*422.21*	
08 36 13 00-0070	EA	12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,577.18	1,121.55
		For Aluminum, Mill Finish, Add	*266.09*	
		For Aluminum, Anodized Finish, Add	*744.58*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*116.71*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*513.50*	
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,531.71	633.92
		For Aluminum, Mill Finish, Add	*144.08*	
		For Aluminum, Anodized Finish, Add	*403.18*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*63.19*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*278.05*	
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,135.51	780.21
		For Aluminum, Mill Finish, Add	*179.56*	
		For Aluminum, Anodized Finish, Add	*502.45*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*78.75*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*346.52*	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,832.50	975.26
		For Aluminum, Mill Finish, Add	*214.55*	
		For Aluminum, Anodized Finish, Add	*600.35*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*94.10*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*414.04*	
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,497.64	1,121.55
		For Aluminum, Mill Finish, Add	*257.02*	
		For Aluminum, Anodized Finish, Add	*719.20*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*112.73*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*496.00*	
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,148.99	1,267.84
		For Aluminum, Mill Finish, Add	*297.92*	
		For Aluminum, Anodized Finish, Add	*833.65*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*130.67*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*574.93*	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,046.47	780.21
		For Aluminum, Mill Finish, Add	*169.41*	
		For Aluminum, Anodized Finish, Add	*474.05*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*74.30*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*326.93*	
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,901.66	975.26
		For Aluminum, Mill Finish, Add	*222.43*	
		For Aluminum, Anodized Finish, Add	*622.41*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*97.56*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*429.25*	
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,544.32	1,121.55
		For Aluminum, Mill Finish, Add	*262.34*	
		For Aluminum, Anodized Finish, Add	*734.10*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*115.06*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*506.27*	
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,190.48	1,267.84
		For Aluminum, Mill Finish, Add	*302.65*	
		For Aluminum, Anodized Finish, Add	*846.88*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*132.74*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*584.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,113.11	1,462.88
		For Aluminum, Mill Finish, Add	*363.35*	
		For Aluminum, Anodized Finish, Add	*1,016.76*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*159.37*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*701.21*	
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,566.24	975.26
		For Aluminum, Mill Finish, Add	*184.19*	
		For Aluminum, Anodized Finish, Add	*515.41*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*80.79*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*355.46*	
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,360.19	1,121.55
		For Aluminum, Mill Finish, Add	*241.35*	
		For Aluminum, Anodized Finish, Add	*675.36*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*105.86*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*465.76*	
08 36 13 00-0083	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,038.33	1,267.84
		For Aluminum, Mill Finish, Add	*285.30*	
		For Aluminum, Anodized Finish, Add	*798.35*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*125.13*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*550.59*	
08 36 13 00-0084	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,201.29	1,462.88
		For Aluminum, Mill Finish, Add	*373.41*	
		For Aluminum, Anodized Finish, Add	*1,044.88*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*163.78*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*720.61*	
08 36 13 00-0085	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,832.58	1,657.94
		For Aluminum, Mill Finish, Add	*400.90*	
		For Aluminum, Anodized Finish, Add	*1,121.82*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*175.83*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*773.67*	
08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,343.76	1,121.55
		For Aluminum, Mill Finish, Add	*239.48*	
		For Aluminum, Anodized Finish, Add	*670.12*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*105.03*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*462.15*	
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,076.37	1,267.84
		For Aluminum, Mill Finish, Add	*289.64*	
		For Aluminum, Anodized Finish, Add	*810.48*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*127.04*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*558.95*	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,378.50	1,462.88
		For Aluminum, Mill Finish, Add	*393.61*	
		For Aluminum, Anodized Finish, Add	*1,101.41*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*172.64*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*759.60*	
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,990.78	1,657.94
		For Aluminum, Mill Finish, Add	*418.94*	
		For Aluminum, Anodized Finish, Add	*1,172.29*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*183.74*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*808.47*	
08 36 13 00-0090	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,069.87	1,852.99
		For Aluminum, Mill Finish, Add	*497.48*	
		For Aluminum, Anodized Finish, Add	*1,392.07*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*218.19*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*960.05*	
08 36 13 00-0091	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,791.96	1,267.84
		For Aluminum, Mill Finish, Add	*257.22*	
		For Aluminum, Anodized Finish, Add	*719.76*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*112.81*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*496.38*	
08 36 13 00-0092	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,851.18	1,462.88
		For Aluminum, Mill Finish, Add	*333.49*	
		For Aluminum, Anodized Finish, Add	*933.20*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*146.27*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*643.59*	
08 36 13 00-0093	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,895.70	1,657.94
		For Aluminum, Mill Finish, Add	*408.10*	
		For Aluminum, Anodized Finish, Add	*1,141.96*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*178.99*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*787.56*	
08 36 13 00-0094	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,742.24	1,852.99
		For Aluminum, Mill Finish, Add	*460.13*	
		For Aluminum, Anodized Finish, Add	*1,287.56*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*201.81*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*887.97*	
08 36 13 00-0095	EA	22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,786.70	2,048.04
		For Aluminum, Mill Finish, Add	*534.73*	
		For Aluminum, Anodized Finish, Add	*1,496.31*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*234.53*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,031.94*	
08 36 13 00-0096	EA	24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,373.12	1,462.88
		For Aluminum, Mill Finish, Add	*279.00*	
		For Aluminum, Anodized Finish, Add	*780.70*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*122.37*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*538.41*	
08 36 13 00-0097	EA	24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,528.30	1,657.94
		For Aluminum, Mill Finish, Add	*366.21*	
		For Aluminum, Anodized Finish, Add	*1,024.76*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*160.62*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*706.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0098	EA	24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,523.54	1,852.99
		For Aluminum, Mill Finish, Add	*435.20*	
		For Aluminum, Anodized Finish, Add	*1,217.79*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*190.88*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*839.86*	
08 36 13 00-0099	EA	24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,569.73	2,048.04
		For Aluminum, Mill Finish, Add	*510.00*	
		For Aluminum, Anodized Finish, Add	*1,427.10*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*223.68*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*984.21*	
08 36 13 00-0100	EA	24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,601.28	2,243.09
		For Aluminum, Mill Finish, Add	*583.12*	
		For Aluminum, Anodized Finish, Add	*1,631.72*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*255.76*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,125.32*	

08 36 13 00-0101 Residential Grade, Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

Note: Includes track and hardware. Excludes frame.

08 36 13 00-0102	EA	9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	916.54	195.05
		For Aluminum And Fiberglass, Add	*132.96*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*154.41*	
08 36 13 00-0103	EA	9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	993.51	195.05
		For Aluminum And Fiberglass, Add	*156.82*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*182.12*	
08 36 13 00-0104	EA	16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,265.97	223.14
		For Aluminum And Fiberglass, Add	*219.89*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*255.35*	
08 36 13 00-0105	EA	16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,386.92	223.14
		For Aluminum And Fiberglass, Add	*257.38*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
		For Insulated Door, Add	*298.89*	

08 36 13 00-0106 Remove And Reinstall Sectional Metal Overhead Doors And Supports *(08 36 13 00-0013)*

Note: Includes storage, cleaning and supply materials.

08 36 13 00-0107	SF	Removal And Reinstallation Of Sectional Metal Overhead Door And Supports	13.96	

08 36 13 00-0108 Sectional Fiberglass Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0109 Fiberglass Sectional Overhead Doors *(08 36 13 00-0108)*

08 36 13 00-0110 Non-Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0111	EA	8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,451.22	341.34
08 36 13 00-0112	EA	8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,706.65	390.10
08 36 13 00-0113	EA	8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,047.05	487.63
08 36 13 00-0114	EA	10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,691.48	390.10
08 36 13 00-0115	EA	10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,989.89	438.87
08 36 13 00-0116	EA	10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,547.43	609.54
08 36 13 00-0117	EA	10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,106.92	780.21
08 36 13 00-0118	EA	12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,025.56	487.63
08 36 13 00-0119	EA	12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,538.58	609.54
08 36 13 00-0120	EA	12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,046.26	731.44
08 36 13 00-0121	EA	12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,797.08	975.26
08 36 13 00-0122	EA	12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,453.11	1,170.31
08 36 13 00-0123	EA	14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,554.47	682.68
08 36 13 00-0124	EA	14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,053.84	780.21
08 36 13 00-0125	EA	14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,751.58	975.26
08 36 13 00-0126	EA	14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,448.06	1,170.31
08 36 13 00-0127	EA	14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,951.03	1,267.84
08 36 13 00-0128	EA	16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,905.96	780.21
08 36 13 00-0129	EA	16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,435.04	877.73
08 36 13 00-0130	EA	16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,167.23	1,072.79
08 36 13 00-0131	EA	16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,891.62	1,267.84
08 36 13 00-0132	EA	16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,422.39	1,365.36

08 36 13 00-0133 Insulated, Fiberglass Sectional Doors *(08 36 13 00-0109)*

Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.

08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	1,704.81	341.34
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,012.37	390.10
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	2,400.74	487.63
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	1,992.20	390.10
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,356.93	438.87
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	2,985.79	609.54
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	3,617.44	780.21
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,372.16	487.63
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,974.02	609.54
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,568.87	731.44
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	4,406.44	975.26
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	5,150.48	1,170.31
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,946.95	682.68

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,546.84	780.21
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,345.93	975.26
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,143.76	1,170.31
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	5,748.50	1,267.84
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,350.16	780.21
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,989.35	877.73
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,834.15	1,072.79
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,669.49	1,267.84
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	6,310.78	1,365.36

08 36 13 00-0156 Sectional Overhead Door Accessories *(08 36 13)*

08 36 13 00-0157 Sectional Overhead Door Accessories *(08 36 13 00-0156)*

08 36 13 00-0158	LF	Molding, Draft Stop	3.51	
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors	5.05	
08 36 13 00-0160	LF	Weather Strip At Door Bottom	2.88	
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors	298.50	
08 36 13 00-0162	EA	Electric Chain Lift Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,011.77	
08 36 13 00-0163	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	21.70	
08 36 13 00-0164	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	13.53	
08 36 13 00-0165	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	22.68	
08 36 13 00-0166	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	15.46	
08 36 13 00-0167	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	36.49	
08 36 13 00-0168	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	24.63	
08 36 13 00-0169	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	391.35	
08 36 13 00-0170	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	606.03	
08 36 13 00-0171	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	917.56	
08 36 13 00-0172	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	0.95	
08 36 13 00-0173	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.22	
08 36 13 00-0174	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.61	

08 38 Traffic Doors *(08 30)*

08 38 13 Flexible Strip Doors *(08 38)*

08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors *(08 38 13)*

08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	10.24	4.88
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.54*	
		For Ribbed Strip Material, Add	*1.13*	
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	12.92	5.36
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.76*	
		For Ribbed Strip Material, Add	*1.59*	
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	11.63	4.88
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.68*	
		For Ribbed Strip Material, Add	*1.42*	
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	13.84	5.36
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.85*	
		For Ribbed Strip Material, Add	*1.78*	
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 75% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	13.46	4.88
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.86*	
		For Ribbed Strip Material, Add	*1.80*	

08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips *(08 38 13)*

08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	26.90	9.75
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.72*	
		For Ribbed Strip Material, Add	*3.60*	
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	29.48	9.75
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.97*	
		For Ribbed Strip Material, Add	*4.14*	
08 38 13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	54.48	9.75
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*4.47*	
		For Ribbed Strip Material, Add	*9.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 13 00-0011	EA	12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	65.33	9.75
		For Cooler/Freezer Doors, USDA Grade, Add	*5.56*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*11.67*	
08 38 13 00-0012	EA	12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	76.55	9.75
		For Cooler/Freezer Doors, USDA Grade, Add	*6.68*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*14.03*	
08 38 13 00-0013	EA	16" Smooth Strip, 0.160" Thick, 15' Long, Replacement Strip	125.47	9.75
		For Cooler/Freezer Doors, USDA Grade, Add	*11.57*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*24.30*	

08 38 16 Flexible Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) *(08 38 16)*

08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0001)*

08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0004	EA	72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	1,825.26	97.52
08 38 16 00-0005	EA	72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	1,965.39	97.52
08 38 16 00-0006	EA	96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	4,004.96	112.15
08 38 16 00-0007	EA	96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	4,490.54	121.91
08 38 16 00-0008	EA	108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	6,915.64	121.91
08 38 16 00-0009	EA	108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	7,229.36	121.91
08 38 16 00-0010	EA	120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	8,056.64	146.29

08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0012	EA	72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	2,020.34	97.52
08 38 16 00-0013	EA	72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	2,176.39	97.52
08 38 16 00-0014	EA	96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	4,723.53	112.15
08 38 16 00-0015	EA	96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	5,205.93	121.91
08 38 16 00-0016	EA	108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	7,736.09	121.91
08 38 16 00-0017	EA	108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	8,055.21	121.91
08 38 16 00-0018	EA	120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	8,975.42	146.29

08 38 16 00-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) *(08 38 16)*

Note: Includes pebble embossed finish and a 14" x 16" vinyl window.

08 38 16 00-0020 Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

08 38 16 00-0021 84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*

08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	919.09	53.64
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	987.48	53.64

08 38 16 00-0024 96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*

08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	987.48	53.64
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,006.76	53.64

08 38 16 00-0027 Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

08 38 16 00-0028 84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*

08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,808.92	92.65
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,945.68	92.65

08 38 16 00-0031 96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*

08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,945.68	92.65
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,984.26	92.65

08 38 19 Rigid Traffic Doors *(08 38)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) *(08 38 19)*
Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.

08 38 19 00-0002 Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*

08 38 19 00-0003 84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*

08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	471.98	53.64
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	503.54	53.64
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	520.69	56.08
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	539.98	56.08
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	564.17	58.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	606.25	58.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	633.12	65.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0011 96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*

08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	526.33	53.64
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	550.88	53.64
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	569.79	56.08
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	583.81	56.08
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	636.06	58.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	646.58	58.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	671.70	65.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0019 Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0020		84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*		
08 38 19 00-0021	EA	48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	914.68	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	977.81	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,002.35	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,040.93	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,089.28	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,173.45	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,197.99	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0028		96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*		
08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,023.40	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,072.49	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,100.54	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,128.60	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,233.06	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,254.10	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,275.14	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0036		3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.		
08 38 19 00-0037		Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*		
08 38 19 00-0038		84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*		
08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	794.60	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	877.01	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	915.21	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	950.28	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	965.70	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,037.59	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,117.06	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,129.33	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0047 96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors
(08 38 19 00-0037)

08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	864.74	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0049	EA	28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	950.66	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0050	EA	30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	988.85	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0051	EA	32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,032.69	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0052	EA	36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,069.15	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0053	EA	40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,139.28	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0054	EA	42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,181.94	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0055	EA	44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,225.77	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0056 Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*

08 38 19 00-0057 84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*

08 38 19 00-0058	EA	48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,559.94	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0059	EA	56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,724.76	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0060	EA	60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,791.38	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0061	EA	64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,861.52	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0062	EA	72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,892.34	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0063	EA	80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,036.12	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0064	EA	84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,165.87	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0065	EA	88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,190.42	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0066 96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*

08 38 19 00-0067	EA	48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,700.21	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0068	EA	56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,872.04	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0069	EA	60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	1,938.67	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0070	EA	64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,026.34	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0071	EA	72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,099.24	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0072	EA	80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,239.51	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0073	EA	84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,295.62	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0074	EA	88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,383.29	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0075 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) *(08 38 19)*

Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.

08 38 19 00-0076 Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

08 38 19 00-0077 84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*

08 38 19 00-0078	EA	24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	836.68	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0079	EA	28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	941.89	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0080	EA	30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	974.82	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0081	EA	32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	985.34	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0082	EA	36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,000.76	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0083	EA	40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,098.95	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,194.21	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,206.48	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0086 96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*

08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	859.48	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	989.23	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,023.92	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,037.95	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,046.35	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,118.24	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,211.74	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,225.77	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0095 Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

08 38 19 00-0096 84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,644.10	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,854.51	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,910.62	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,931.66	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,962.48	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,158.86	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,320.17	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,344.72	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0105 96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,689.69	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	1,949.19	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,008.81	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,036.86	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,053.65	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,197.43	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,355.24	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	2,383.29	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0114 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliason SCP-2) *(08 38 19)*

Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.

08 38 19 00-0115 Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*

08 38 19 00-0116 84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*

08 38 19 00-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,047.09	53.64
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,140.02	53.64
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,169.45	56.08
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,192.24	56.08
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,235.72	58.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,279.55	58.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0123	EA	42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,329.22	65.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0124	EA	44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,359.03	65.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0125		96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*		
08 38 19 00-0126	EA	24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,126.00	53.64
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0127	EA	28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,224.19	53.64
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0128	EA	30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,255.37	56.08
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0129	EA	32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,267.64	56.08
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0130	EA	36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,307.61	58.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0131	EA	40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,365.47	58.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0132	EA	42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,408.13	65.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0133	EA	44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	1,437.93	65.83
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0134		Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*		
08 38 19 00-0135		84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		
08 38 19 00-0136	EA	48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,064.91	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0137	EA	56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,250.78	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0138	EA	60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,299.87	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0139	EA	64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,345.46	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0140	EA	72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,432.39	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0141	EA	80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,520.06	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0142	EA	84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,590.19	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0143	EA	88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,649.81	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0144		96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0145	EA	48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,222.72	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0146	EA	56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,419.10	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0147	EA	60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,471.70	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0148	EA	64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,496.25	92.65
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0149	EA	72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,576.17	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0150	EA	80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,691.89	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0151	EA	84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,748.00	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0152	EA	88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	2,807.62	97.52
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

08 38 19 00-0153 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.

08 38 19 00-0154 Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*

08 38 19 00-0155 84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0156	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,029.56	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0157	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,080.41	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0158	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,130.88	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0159	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,160.68	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0160	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,239.23	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0161	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,298.84	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0162	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,360.78	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0163	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,416.89	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0164 90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*

08 38 19 00-0165	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,064.63	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0166	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,126.00	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0167	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,160.68	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0168	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,202.76	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0169	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,286.57	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0170	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,358.46	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0171	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,416.89	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0172	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,469.49	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0173		96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0174	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,154.05	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0175	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,166.32	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0176	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,222.05	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0177	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,260.63	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0178	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,346.18	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0179	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,432.10	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0180	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,487.03	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0181	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	1,539.63	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0182		Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*		
08 38 19 00-0183		84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0184	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,029.85	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0185	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,131.54	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0186	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,222.72	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0187	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,282.34	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0188	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,439.40	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0189	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,558.63	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0190	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,653.32	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0191	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,765.53	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0192		90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		
08 38 19 00-0193	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,099.98	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0194	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,222.72	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0195	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,282.34	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0196	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,366.50	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0197	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,534.09	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0198	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,677.86	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0199	EA		84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,765.53	97.52
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0200	EA		88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,870.74	97.52
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0201 96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

08 38 19 00-0202	EA		48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,278.83	92.65
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0203	EA		56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,303.38	92.65
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0204	EA		60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,405.07	92.65
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0205	EA		64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,482.22	92.65
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0206	EA		72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,653.32	97.52
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0207	EA		80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,825.15	97.52
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0208	EA		84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	2,905.81	97.52
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0209	EA		88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,011.01	97.52
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0210 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) *(08 38 19)*

Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.

08 38 19 00-0211 Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*

08 38 19 00-0212 84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*

08 38 19 00-0213	EA		24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,029.56	53.64
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0214	EA		28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,080.41	53.64
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0215	EA		30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,130.88	56.08
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0216	EA		32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,160.68	56.08
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0217	EA		36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,239.23	58.52
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0218	EA		40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,298.84	58.52
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0219	EA		42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,360.78	65.83
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0220	EA		44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,416.89	65.83
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0221 90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*

08 38 19 00-0222	EA		24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,064.63	53.64
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0223	EA		28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,126.00	53.64
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0224	EA		30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,160.68	56.08
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0225	EA		32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,202.76	56.08
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0226	EA		36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,286.57	58.52
			For Each 15" x 20" Window, Add	*6.00*	
			For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,358.46	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,416.89	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,469.49	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0230 96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*

08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,154.05	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,166.32	53.64
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,222.05	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,260.63	56.08
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,346.18	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,432.10	58.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,487.03	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,539.63	65.83
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0239 Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*

08 38 19 00-0240 84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,029.85	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,131.54	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,222.72	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,282.34	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,439.40	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,558.63	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,653.32	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,765.53	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0249 90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,099.98	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0251	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,222.72	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0252	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,282.34	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0253	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,366.50	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0254	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,534.09	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0255	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,677.86	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0256	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,765.53	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0257	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,870.74	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0258		96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*		
08 38 19 00-0259	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,278.83	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0260	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,303.38	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0261	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,405.07	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0262	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,482.22	92.65
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0263	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,653.32	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0264	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,825.15	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0265	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,905.81	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0266	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,011.01	97.52
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0267		Rigid Impact Traffic Door Accessories *(08 38 19)*		
08 38 19 00-0268		Bumper Strips For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two bumpers per set.		
08 38 19 00-0269	SET	24" Wide, Bumper Strips For Impact Traffic Doors	103.89	39.01
08 38 19 00-0270	SET	30" Wide, Bumper Strips For Impact Traffic Doors	112.65	39.01
08 38 19 00-0271	SET	36" Wide, Bumper Strips For Impact Traffic Doors	119.67	39.01
08 38 19 00-0272	SET	48" Wide, Bumper Strips For Impact Traffic Doors	131.94	39.01
08 38 19 00-0273		Easy Spring Bumpers For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two bumpers per set.		
08 38 19 00-0274	SET	18" Height, Easy Spring Bumpers For Impact Traffic Doors	245.91	39.01
08 38 19 00-0275	SET	24" Height, Easy Spring Bumpers For Impact Traffic Doors	319.55	39.01
08 38 19 00-0276	SET	36" Height, Easy Spring Bumpers For Impact Traffic Doors	461.58	39.01
08 38 19 00-0277	SET	42" Height, Easy Spring Bumpers For Impact Traffic Doors	529.96	39.01
08 38 19 00-0278	SET	48" Height, Easy Spring Bumpers For Impact Traffic Doors	600.10	39.01
08 38 19 00-0279		Scuff Plates For Impact Traffic Doors *(08 38 19 00-0267)*		
		Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280		12" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0281	SET	24" Wide x 12" High, Impact Traffic Door Scuff Plates	119.67	39.01
08 38 19 00-0282	SET	30" Wide x 12" High, Impact Traffic Door Scuff Plates	126.68	39.01
08 38 19 00-0283	SET	36" Wide x 12" High, Impact Traffic Door Scuff Plates	135.45	39.01
08 38 19 00-0284	SET	42" Wide x 12" High, Impact Traffic Door Scuff Plates	147.72	39.01
08 38 19 00-0285	SET	48" Wide x 12" High, Impact Traffic Door Scuff Plates	154.73	39.01
08 38 19 00-0286		24" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0287	SET	24" Wide x 24" High, Impact Traffic Door Scuff Plates	154.73	39.01
08 38 19 00-0288	SET	30" Wide x 24" High, Impact Traffic Door Scuff Plates	186.30	39.01
08 38 19 00-0289	SET	36" Wide x 24" High, Impact Traffic Door Scuff Plates	203.83	39.01
08 38 19 00-0290	SET	42" Wide x 24" High, Impact Traffic Door Scuff Plates	228.38	39.01
08 38 19 00-0291	SET	48" Wide x 24" High, Impact Traffic Door Scuff Plates	244.16	39.01
08 38 19 00-0292		30" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0293	SET	24" Wide x 30" High, Impact Traffic Door Scuff Plates	186.30	39.01
08 38 19 00-0294	SET	30" Wide x 30" High, Impact Traffic Door Scuff Plates	214.35	39.01
08 38 19 00-0295	SET	36" Wide x 30" High, Impact Traffic Door Scuff Plates	235.39	39.01
08 38 19 00-0296	SET	42" Wide x 30" High, Impact Traffic Door Scuff Plates	273.97	39.01
08 38 19 00-0297	SET	48" Wide x 30" High, Impact Traffic Door Scuff Plates	300.27	39.01
08 38 19 00-0298		36" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0299	SET	24" Wide x 36" High, Impact Traffic Door Scuff Plates	203.83	39.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0300	SET	30" Wide x 36" High, Impact Traffic Door Scuff Plates	235.39	39.01
08 38 19 00-0301	SET	36" Wide x 36" High, Impact Traffic Door Scuff Plates	270.46	39.01
08 38 19 00-0302	SET	42" Wide x 36" High, Impact Traffic Door Scuff Plates	289.75	39.01
08 38 19 00-0303	SET	48" Wide x 36" High, Impact Traffic Door Scuff Plates	319.55	39.01
08 38 19 00-0304		48" High, Scuff Plates For Impact Traffic Doors *(08 38 19 00-0279)*		
08 38 19 00-0305	SET	24" Wide x 48" High, Impact Traffic Door Scuff Plates	244.16	39.01
08 38 19 00-0306	SET	30" Wide x 48" High, Impact Traffic Door Scuff Plates	300.27	39.01
08 38 19 00-0307	SET	36" Wide x 48" High, Impact Traffic Door Scuff Plates	319.55	39.01
08 38 19 00-0308	SET	42" Wide x 48" High, Impact Traffic Door Scuff Plates	356.38	39.01
08 38 19 00-0309	SET	48" Wide x 48" High, Impact Traffic Door Scuff Plates	396.70	39.01
08 38 19 00-0310		Base Plates For Impact Traffic Doors *(08 38 19 00-0267)* Note: Includes two base plates per set.		
08 38 19 00-0311		Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0312		12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0313	SET	24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	116.16	39.01
08 38 19 00-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	123.17	39.01
08 38 19 00-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	126.68	39.01
08 38 19 00-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	142.46	39.01
08 38 19 00-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	149.47	39.01
08 38 19 00-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	142.46	39.01
08 38 19 00-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	152.98	39.01
08 38 19 00-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	163.50	39.01
08 38 19 00-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	172.27	39.01
08 38 19 00-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	186.30	39.01
08 38 19 00-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	159.99	39.01
08 38 19 00-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	168.76	39.01
08 38 19 00-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	189.80	39.01
08 38 19 00-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	212.60	39.01
08 38 19 00-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	223.12	39.01
08 38 19 00-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	168.76	39.01
08 38 19 00-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	186.30	39.01
08 38 19 00-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	212.60	39.01
08 38 19 00-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	233.64	39.01
08 38 19 00-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	245.91	39.01
08 38 19 00-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	209.09	39.01
08 38 19 00-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	233.64	39.01
08 38 19 00-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	266.95	39.01
08 38 19 00-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	282.73	39.01
08 38 19 00-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	303.77	39.01
08 38 19 00-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	147.72	39.01
08 38 19 00-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	154.73	39.01
08 38 19 00-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	175.78	39.01
08 38 19 00-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	186.30	39.01
08 38 19 00-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	216.10	39.01
08 38 19 00-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0350	SET	24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	196.82	39.01
08 38 19 00-0351	SET	30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	228.38	39.01
08 38 19 00-0352	SET	36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	259.94	39.01
08 38 19 00-0353	SET	42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	298.51	39.01
08 38 19 00-0354	SET	48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	333.58	39.01
08 38 19 00-0355		30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0356	SET	24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	221.36	39.01
08 38 19 00-0357	SET	30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	263.45	39.01
08 38 19 00-0358	SET	36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	302.02	39.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	342.35	39.01
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	389.69	39.01
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	252.92	39.01
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	298.51	39.01
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	351.12	39.01
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	401.96	39.01
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	445.80	39.01
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	309.03	39.01
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	417.74	39.01
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	445.80	39.01
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	529.96	39.01
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	579.06	39.01
08 38 19 00-0373		One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0374		12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0375	SET	24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	133.69	39.01
08 38 19 00-0376	SET	30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	142.46	39.01
08 38 19 00-0377	SET	36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	152.98	39.01
08 38 19 00-0378	SET	42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	165.25	39.01
08 38 19 00-0379	SET	48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	184.54	39.01
08 38 19 00-0380		24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0381	SET	24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	172.27	39.01
08 38 19 00-0382	SET	30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	193.31	39.01
08 38 19 00-0383	SET	36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	214.35	39.01
08 38 19 00-0384	SET	42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	237.14	39.01
08 38 19 00-0385	SET	48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	263.45	39.01
08 38 19 00-0386		30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0387	SET	24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	193.31	39.01
08 38 19 00-0388	SET	30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	219.61	39.01
08 38 19 00-0389	SET	36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	249.42	39.01
08 38 19 00-0390	SET	42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	286.24	39.01
08 38 19 00-0391	SET	48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	310.79	39.01
08 38 19 00-0392		36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0393	SET	24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	214.35	39.01
08 38 19 00-0394	SET	30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	249.42	39.01
08 38 19 00-0395	SET	36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	286.24	39.01
08 38 19 00-0396	SET	42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	323.06	39.01
08 38 19 00-0397	SET	48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	349.36	39.01
08 38 19 00-0398		48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	263.45	39.01
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	317.80	39.01
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	349.36	39.01
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	412.48	39.01
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	430.02	39.01
08 38 19 00-0404		Jamb Guards For Impact Traffic Doors *(08 38 19 00-0267)*		
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	180.27	48.77
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	232.88	48.77
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	425.75	48.77
08 38 19 00-0408		Other Impact Traffic Door Accessories *(08 38 19 00-0267)*		
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors	52.43	24.38
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors	64.71	24.38
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors	140.10	24.38
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	171.67	24.38
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors	76.98	24.38

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0414		Impact Traffic Door Knock Down Frames *(08 38 19)* Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415		Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0416		84" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	459.46	73.15
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	533.75	80.46
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	549.45	85.34
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	569.29	92.65
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	585.76	97.52
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	611.60	102.40
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	632.11	107.28
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	647.76	112.15
08 38 19 00-0425		90" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	467.28	73.15
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	543.06	80.46
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	558.93	85.34
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	578.89	92.65
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	595.53	97.52
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	621.77	102.40
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	642.55	107.28
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	658.35	112.15
08 38 19 00-0434		96" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	477.68	73.15
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	555.44	80.46
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	571.50	85.34
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	588.56	92.65
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	608.50	97.52
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	631.94	102.40
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	656.42	107.28
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	673.18	109.72
08 38 19 00-0443		Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0444		84" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	656.79	112.15
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	669.30	114.10
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	681.44	117.03
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	701.27	121.91
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	715.84	126.78
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	736.03	127.76
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	750.56	129.23
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	768.88	131.66
08 38 19 00-0453		90" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	667.59	112.15
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	680.26	114.10
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	692.63	117.03
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	712.70	121.91
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	727.42	126.78
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	748.04	127.76
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	762.86	129.23
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	781.52	131.66
08 38 19 00-0462		96" Height, Double Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0443)*		
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	680.19	112.15
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	691.20	114.10
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	707.48	117.03
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	724.14	121.91
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	742.76	126.78
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	765.75	127.76
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	779.20	129.23
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	798.42	131.66

08 40 Entrances, Storefronts, And Curtain Walls *(08)*

08 42 Entrances *(08 40)*

08 42 13 Aluminum-Framed Entrances *(08 42)*

08 42 13 00-0001 Aluminum Framed Entrance Doors *(08 42 13)*
Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. Special-Lite. See CSI section 08 71 11 00-2087 for exit device, 08 71 11 00-2242 for closer.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	4,151.81	604.58
		For 8' High Door, Add	*373.22*	
		For 10' High Door, Add	*811.35*	
		For 1" Insulated Glazing, Add	*69.21*	
08 42 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	4,172.84	604.58
		For 8' High Door, Add	*375.64*	
		For 10' High Door, Add	*816.61*	
		For 1" Insulated Glazing, Add	*69.21*	
08 42 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	6,980.17	906.69
		For 8' High Door, Add	*646.67*	
		For 10' High Door, Add	*1,405.82*	
		For 1" Insulated Glazing, Add	*138.42*	
08 42 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	8,014.84	906.69
		For 8' High Door, Add	*765.66*	
		For 10' High Door, Add	*1,664.48*	
		For 1" Insulated Glazing, Add	*138.42*	
08 42 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	4,593.44	604.58
		For 8' High Door, Add	*424.01*	
		For 10' High Door, Add	*921.76*	
		For 1" Insulated Glazing, Add	*69.21*	
08 42 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	4,641.81	604.58
		For 8' High Door, Add	*429.57*	
		For 10' High Door, Add	*933.85*	
		For 1" Insulated Glazing, Add	*69.21*	
08 42 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	7,815.05	906.69
		For 8' High Door, Add	*742.69*	
		For 10' High Door, Add	*1,614.54*	
		For 1" Insulated Glazing, Add	*138.42*	
08 42 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	8,825.35	906.69
		For 8' High Door, Add	*858.87*	
		For 10' High Door, Add	*1,867.11*	
		For 1" Insulated Glazing, Add	*138.42*	

08 42 26 All-Glass Entrances *(08 42)*

08 42 26 00-0001 Full Glass Entrance Doors *(08 42 26)*

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA	3' x 7' x 1/2" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	3,195.99	226.60
		For Anodized Color, Add	*412.12*	
		For Stainless Steel, Add	*1,488.23*	
		For 8' High Door, Add	*263.30*	
		For 10' High Door, Add	*572.40*	
		For 1" Insulated Glazing, Add	*69.21*	
08 42 26 00-0003	PR	6' x 7' x 1/2" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 1/2")	5,617.89	271.93
		For Anodized Color, Add	*778.14*	
		For Stainless Steel, Add	*2,809.96*	
		For 8' High Door, Add	*497.15*	
		For 10' High Door, Add	*1,080.75*	
		For 1" Insulated Glazing, Add	*138.42*	
08 42 26 00-0004	EA	3' x 7' x 5/8" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	3,608.47	226.60
		For Anodized Color, Add	*486.37*	
		For Stainless Steel, Add	*1,756.34*	
		For 8' High Door, Add	*310.74*	
		For 10' High Door, Add	*675.52*	
		For 1" Insulated Glazing, Add	*69.21*	
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 5/8")	6,505.99	271.93
		For Anodized Color, Add	*938.00*	
		For Stainless Steel, Add	*3,387.22*	
		For 8' High Door, Add	*599.28*	
		For 10' High Door, Add	*1,302.78*	
		For 1" Insulated Glazing, Add	*138.42*	
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	4,019.33	226.60
		For Anodized Color, Add	*560.33*	
		For Stainless Steel, Add	*2,023.40*	
		For 8' High Door, Add	*357.99*	
		For 10' High Door, Add	*778.23*	
		For 1" Insulated Glazing, Add	*69.21*	
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 3/4")	7,392.63	271.93
		For Anodized Color, Add	*1,097.60*	
		For Stainless Steel, Add	*3,963.54*	
		For 8' High Door, Add	*701.24*	
		For 10' High Door, Add	*1,524.44*	
		For 1" Insulated Glazing, Add	*138.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 26 00-0008	EA	3' x 7' x 1" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	4,842.65	226.60
		For Anodized Color, Add	*708.52*	
		For Stainless Steel, Add	*2,558.56*	
		For 8' High Door, Add	*452.67*	
		For 10' High Door, Add	*984.06*	
		For 1" Insulated Glazing, Add	*69.21*	
08 42 26 00-0009	PR	6' x 7' x 1" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 1")	9,167.37	271.93
		For Anodized Color, Add	*1,417.05*	
		For Stainless Steel, Add	*5,117.12*	
		For 8' High Door, Add	*905.34*	
		For 10' High Door, Add	*1,968.12*	
		For 1" Insulated Glazing, Add	*138.42*	

08 42 26 00-0010 Frames For Full Glass Doors *(08 42 26)*

08 42 26 00-0011	LF	Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	19.62	2.72
08 42 26 00-0012	LF	Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	25.57	3.62

08 42 29 Automatic Entrances *(08 42)*

08 42 29 23 Sliding Automatic Entrances *(08 42 29)*

Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can "break-out" in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 42 29 23-0001 Bronze Finished Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0002 2 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*

Note: Single sliding.

08 42 29 23-0003	EA	5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,409.10	90.64
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*92.09*	
		For Emergency Egress On All Panels, Add	*245.56*	
08 42 29 23-0004	EA	6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,582.43	122.36
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*100.33*	
		For Emergency Egress On All Panels, Add	*267.54*	
08 42 29 23-0005	EA	7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,723.59	135.96
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*108.87*	
		For Emergency Egress On All Panels, Add	*290.33*	
08 42 29 23-0006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	1,861.07	149.56
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*117.15*	
		For Emergency Egress On All Panels, Add	*312.39*	
08 42 29 23-0007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,433.70	181.28
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*155.33*	
		For Emergency Egress On All Panels, Add	*414.23*	
08 42 29 23-0008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,546.04	213.01
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*159.00*	
		For Emergency Egress On All Panels, Add	*424.00*	
08 42 29 23-0009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,373.09	244.73
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*216.27*	
		For Emergency Egress On All Panels, Add	*576.73*	

08 42 29 23-0010 4 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*

Note: Bi-parting.

08 42 29 23-0011	EA	12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	2,856.09	226.60
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*180.22*	
		For Emergency Egress On All Panels, Add	*480.58*	
08 42 29 23-0012	EA	14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,132.18	249.26
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*197.52*	
		For Emergency Egress On All Panels, Add	*526.73*	
08 42 29 23-0013	EA	16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,408.27	271.93
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*214.83*	
		For Emergency Egress On All Panels, Add	*572.88*	
08 42 29 23-0014	EA	18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,094.88	294.59
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*262.93*	
		For Emergency Egress On All Panels, Add	*701.14*	
08 42 29 23-0015	EA	20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,781.50	317.16
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*311.03*	
		For Emergency Egress On All Panels, Add	*829.40*	

08 42 29 23-0016 Aluminum Finished Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0017 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*

Note: Single sliding.

08 42 29 23-0018	EA	5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,293.43	90.64
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*83.41*	
		For Emergency Egress On All Panels, Add	*222.43*	
08 42 29 23-0019	EA	6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,456.42	122.36
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*90.88*	
		For Emergency Egress On All Panels, Add	*242.34*	
08 42 29 23-0020	EA	7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,584.71	135.96
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*98.46*	
		For Emergency Egress On All Panels, Add	*262.56*	
08 42 29 23-0021	EA	8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	1,713.92	149.56
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*106.11*	
		For Emergency Egress On All Panels, Add	*282.96*	
08 42 29 23-0022	EA	10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,238.59	181.28
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*140.70*	
		For Emergency Egress On All Panels, Add	*375.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0023	EA	12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,346.32	213.01
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*144.02*	
		For Emergency Egress On All Panels, Add	*384.06*	
08 42 29 23-0024	EA	15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,101.46	244.73
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*195.90*	
		For Emergency Egress On All Panels, Add	*522.40*	

08 42 29 23-0025 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0016)*

Note: Bi-parting.

08 42 29 23-0026	EA	12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,629.73	226.60
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*163.24*	
		For Emergency Egress On All Panels, Add	*435.31*	
08 42 29 23-0027	EA	14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	2,884.07	249.26
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*178.92*	
		For Emergency Egress On All Panels, Add	*477.11*	
08 42 29 23-0028	EA	16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,138.41	271.93
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*194.59*	
		For Emergency Egress On All Panels, Add	*518.91*	
08 42 29 23-0029	EA	18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,764.62	294.59
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*238.16*	
		For Emergency Egress On All Panels, Add	*635.09*	
08 42 29 23-0030	EA	20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,390.84	317.16
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*281.73*	
		For Emergency Egress On All Panels, Add	*751.27*	

08 42 29 23-0031 Stainless Steel Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0032 2 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)*

Note: Single sliding.

08 42 29 23-0033	EA	5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	1,604.60	90.64
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*106.75*	
		For Emergency Egress On All Panels, Add	*284.66*	
08 42 29 23-0034	EA	6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	1,795.45	122.36
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*116.30*	
		For Emergency Egress On All Panels, Add	*310.14*	
08 42 29 23-0035	EA	7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,082.59	135.96
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*135.80*	
		For Emergency Egress On All Panels, Add	*362.13*	
08 42 29 23-0036	EA	8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,385.50	149.56
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*156.48*	
		For Emergency Egress On All Panels, Add	*417.28*	
08 42 29 23-0037	EA	10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,763.51	181.28
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*180.07*	
		For Emergency Egress On All Panels, Add	*480.19*	
08 42 29 23-0038	EA	12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	2,883.61	213.01
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*184.32*	
		For Emergency Egress On All Panels, Add	*491.52*	
08 42 29 23-0039	EA	15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,832.29	244.73
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*250.71*	
		For Emergency Egress On All Panels, Add	*668.57*	

08 42 29 23-0040 4 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0031)*

Note: Bi-parting.

08 42 29 23-0041	EA	12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,238.72	226.60
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*208.91*	
		For Emergency Egress On All Panels, Add	*557.10*	
08 42 29 23-0042	EA	14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,551.55	249.26
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*228.98*	
		For Emergency Egress On All Panels, Add	*610.60*	
08 42 29 23-0043	EA	16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	3,864.37	271.93
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*249.04*	
		For Emergency Egress On All Panels, Add	*664.10*	
08 42 29 23-0044	EA	18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	4,653.11	294.59
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*304.80*	
		For Emergency Egress On All Panels, Add	*812.79*	
08 42 29 23-0045	EA	20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,441.86	317.25
		For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	*360.55*	
		For Emergency Egress On All Panels, Add	*961.47*	

08 42 29 23-0046 Accessories For Sliding Automatic Entrances *(08 42 29 23)*

See CSI section 08 42 29 33-0006 for eye operators.

08 42 29 23-0047	EA	Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (2 panels).	4,087.35	975.26
08 42 29 23-0048	EA	Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (4 panel).	6,716.93	1,462.88

08 42 29 33 Swinging Automatic Entrances *(08 42 29)*

Note: Excludes glazing.

08 42 29 33-0001 Swing Door Operators, Up To 350 LB Panel Weight *(08 42 29 33)*

Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.

08 42 29 33-0002	EA	Concealed Single Door Swing Door Operator, Up To 350 LB Panel Note: For new storefront or existing concealed operator installations.	2,982.18	498.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 33-0003	EA	Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel Note: For new storefront or existing concealed operator installations.	4,967.45	665.05
08 42 29 33-0004	EA	Exposed Single Door Swing Door Operator, Up To 350 LB Panel	2,466.74	399.00
08 42 29 33-0005	EA	Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	4,334.44	598.51
08 42 29 33-0006		Activation Devices For Door Operators *(08 42 29 33)*		
08 42 29 33-0007	EA	Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97) Note: Includes wiring harness and relays.	384.78	39.90
08 42 29 33-0008	EA	On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS) Note: Includes wiring harness and relays.	341.54	39.90
08 42 29 33-0009	EA	Microwave Motion Sensor For Door Operator (MS Sedco D38) Note: Includes wiring harness and relays.	344.99	39.90
08 42 29 33-0010	EA	Push Plate For Door Operator (MS Sedco 59 Series) Note: Excludes wiring from operator to push plate.	139.75	39.90
08 42 29 33-0011	EA	Jamb Mounted Push Button For Door Operator (MS Sedco 425 Series) Note: Excludes wiring from operator to push button.	117.78	39.90
08 42 29 33-0012	EA	Radio Control System For Door Operator (MS Sedco Clearpath) Note: Includes receiver and two push plate transmitters.	589.64	99.76
		For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct	*-64.00*	
08 42 29 33-0013	EA	Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision) Note: Includes wiring harness and relays.	830.07	49.87
08 42 29 33-0014	EA	Guard Rail For Door With Operator	185.81	49.87
08 42 33		**Revolving Door Entrances** *(08 42)*		
08 42 33 00-0001		Aluminum Revolving Doors *(08 42 33)* Note: Includes 3/4" tempered glass.		
08 42 33 00-0002	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	30,097.34	4,987.43
		For Automatic Controls, Add	*7,593.12*	
		For Powder Coated, Add	*1,145.86*	
08 42 33 00-0003	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	40,855.43	7,481.27
		For Automatic Controls, Add	*8,964.68*	
		For Powder Coated, Add	*1,439.90*	
08 42 33 00-0004	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	61,618.39	8,977.47
		For Automatic Controls, Add	*9,787.61*	
		For Powder Coated, Add	*2,546.36*	
08 42 33 00-0005	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	33,483.14	5,486.14
		For Automatic Controls, Add	*7,873.03*	
		For Powder Coated, Add	*1,283.24*	
08 42 33 00-0006	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	45,211.56	8,229.65
		For Automatic Controls, Add	*9,338.74*	
		For Powder Coated, Add	*1,612.53*	
08 42 33 00-0007	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	68,808.78	9,875.22
		For Automatic Controls, Add	*10,336.23*	
		For Powder Coated, Add	*2,851.64*	
08 42 33 00-0008		Stainless Steel Revolving Doors *(08 42 33)* Note: Includes 3/4" tempered glass.		
08 42 33 00-0009	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	30,856.92	4,987.43
		For Automatic Controls, Add	*7,593.12*	
08 42 33 00-0010	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	41,809.93	7,481.27
		For Automatic Controls, Add	*8,964.68*	
08 42 33 00-0011	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	63,306.34	8,977.47
		For Automatic Controls, Add	*9,787.61*	
08 42 33 00-0012	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	34,335.81	5,486.14
		For Automatic Controls, Add	*7,873.03*	
08 42 33 00-0013	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	46,283.04	8,229.65
		For Automatic Controls, Add	*9,338.74*	
08 42 33 00-0014	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	70,703.60	9,875.22
		For Automatic Controls, Add	*10,336.23*	
08 42 33 00-0015		Bronze Revolving Doors *(08 42 33)* Note: Includes 3/4" tempered glass.		
08 42 33 00-0016	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	28,178.16	4,987.43
		For Automatic Controls, Add	*7,593.12*	
08 42 33 00-0017	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	38,443.77	7,481.27
		For Automatic Controls, Add	*8,964.68*	
08 42 33 00-0018	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	57,353.56	8,977.47
		For Automatic Controls, Add	*9,787.61*	
08 42 33 00-0019	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	31,335.60	5,486.14
		For Automatic Controls, Add	*7,873.03*	
08 42 33 00-0020	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	42,512.94	8,229.65
		For Automatic Controls, Add	*9,338.74*	
08 42 33 00-0021	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	64,036.48	9,875.22
		For Automatic Controls, Add	*10,336.23*	
08 42 36		**Balanced Door Entrances** *(08 42)*		
08 42 36 00-0001		Balanced Doors, With Glass *(08 42 36)* Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 36 00-0002	EA	2'-6" x 7'-0" Balanced Door, Stainless Steel	14,067.77	273.22
		For Bronze Instead Of Stainless Steel, Deduct	*-3,346.13*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,338.45*	
		For Tinted Glass, Add	*669.23*	
		For Aluminum, Painted Finish, Deduct	*-4,015.35*	
08 42 36 00-0003	EA	3'-0" x 7'-0" Balanced Door, Stainless Steel	14,611.32	273.22
		For Bronze Instead Of Stainless Steel, Deduct	*-3,482.02*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,392.81*	
		For Tinted Glass, Add	*696.40*	
		For Aluminum, Painted Finish, Deduct	*-4,178.42*	
08 42 36 00-0004	EA	3'-6" x 7'-0" Balanced Door, Stainless Steel	15,931.44	273.22
		For Bronze Instead Of Stainless Steel, Deduct	*-3,812.05*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,524.82*	
		For Tinted Glass, Add	*762.41*	
		For Aluminum, Painted Finish, Deduct	*-4,574.45*	
08 42 36 00-0005	EA	4'-0" x 7'-0" Balanced Door, Stainless Steel	17,484.58	273.22
		For Bronze Instead Of Stainless Steel, Deduct	*-4,200.33*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,680.13*	
		For Tinted Glass, Add	*840.07*	
		For Aluminum, Painted Finish, Deduct	*-5,040.40*	
08 42 36 00-0006	PR	Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel	29,154.33	519.28
		For Bronze Instead Of Stainless Steel, Deduct	*-6,964.04*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,785.61*	
		For Tinted Glass, Add	*1,392.81*	
		For Aluminum, Painted Finish, Deduct	*-8,356.84*	

08 43 Storefronts *(08 40)*

08 43 13 Aluminum-Framed Storefronts *(08 43)*

08 43 13 00-0001 Aluminum Storefront Framing Assembly *(08 43 13)*

Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0045 for laminated glazing, 08 81 23 23-0051 for insulated glazing.

08 43 13 00-0002 1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0003	SF	5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.06	6.65
		For Various Color Class I Anodized Finish, Add	*0.54*	
		For Black Color Class I Anodized Finish, Add	*1.61*	
08 43 13 00-0004	SF	6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.14	5.99
		For Various Color Class I Anodized Finish, Add	*0.48*	
		For Black Color Class I Anodized Finish, Add	*1.45*	
08 43 13 00-0005	SF	7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.75	5.52
		For Various Color Class I Anodized Finish, Add	*0.44*	
		For Black Color Class I Anodized Finish, Add	*1.33*	
08 43 13 00-0006	SF	8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	14.72	5.16
		For Various Color Class I Anodized Finish, Add	*0.41*	
		For Black Color Class I Anodized Finish, Add	*1.24*	
08 43 13 00-0007	SF	9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	13.93	4.89
		For Various Color Class I Anodized Finish, Add	*0.39*	
		For Black Color Class I Anodized Finish, Add	*1.17*	
08 43 13 00-0008	SF	10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	13.28	4.68
		For Various Color Class I Anodized Finish, Add	*0.37*	
		For Black Color Class I Anodized Finish, Add	*1.12*	
08 43 13 00-0009	SF	11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	12.76	4.50
		For Various Color Class I Anodized Finish, Add	*0.36*	
		For Black Color Class I Anodized Finish, Add	*1.07*	
08 43 13 00-0010	SF	12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	12.32	4.35
		For Various Color Class I Anodized Finish, Add	*0.34*	
		For Black Color Class I Anodized Finish, Add	*1.03*	

08 43 13 00-0011 1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0012	SF	5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.86	8.70
		For Various Color Class I Anodized Finish, Add	*0.70*	
		For Black Color Class I Anodized Finish, Add	*2.11*	
08 43 13 00-0013	SF	6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.94	7.71
		For Various Color Class I Anodized Finish, Add	*0.62*	
		For Black Color Class I Anodized Finish, Add	*1.86*	
08 43 13 00-0014	SF	7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.96	6.98
		For Various Color Class I Anodized Finish, Add	*0.56*	
		For Black Color Class I Anodized Finish, Add	*1.68*	
08 43 13 00-0015	SF	8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.40	6.44
		For Various Color Class I Anodized Finish, Add	*0.52*	
		For Black Color Class I Anodized Finish, Add	*1.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0016	SF	9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.20	5.99
		For Various Color Class I Anodized Finish, Add	*0.48*	
		For Black Color Class I Anodized Finish, Add	*1.45*	
08 43 13 00-0017	SF	10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.18	5.72
		For Various Color Class I Anodized Finish, Add	*0.45*	
		For Black Color Class I Anodized Finish, Add	*1.36*	
08 43 13 00-0018	SF	11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.45	5.44
		For Various Color Class I Anodized Finish, Add	*0.43*	
		For Black Color Class I Anodized Finish, Add	*1.30*	
08 43 13 00-0019	SF	12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	14.77	5.16
		For Various Color Class I Anodized Finish, Add	*0.41*	
		For Black Color Class I Anodized Finish, Add	*1.24*	

08 43 13 00-0020 1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0021	SF	5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.69	10.70
		For Various Color Class I Anodized Finish, Add	*0.87*	
		For Black Color Class I Anodized Finish, Add	*2.60*	
08 43 13 00-0022	SF	6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.85	9.34
		For Various Color Class I Anodized Finish, Add	*0.76*	
		For Black Color Class I Anodized Finish, Add	*2.27*	
08 43 13 00-0023	SF	7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.09	8.43
		For Various Color Class I Anodized Finish, Add	*0.68*	
		For Black Color Class I Anodized Finish, Add	*2.04*	
08 43 13 00-0024	SF	8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.02	7.71
		For Various Color Class I Anodized Finish, Add	*0.62*	
		For Black Color Class I Anodized Finish, Add	*1.86*	
08 43 13 00-0025	SF	9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.35	7.16
		For Various Color Class I Anodized Finish, Add	*0.57*	
		For Black Color Class I Anodized Finish, Add	*1.72*	
08 43 13 00-0026	SF	10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.10	6.71
		For Various Color Class I Anodized Finish, Add	*0.54*	
		For Black Color Class I Anodized Finish, Add	*1.61*	
08 43 13 00-0027	SF	11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.06	6.35
		For Various Color Class I Anodized Finish, Add	*0.51*	
		For Black Color Class I Anodized Finish, Add	*1.52*	
08 43 13 00-0028	SF	12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.19	6.08
		For Various Color Class I Anodized Finish, Add	*0.48*	
		For Black Color Class I Anodized Finish, Add	*1.45*	

08 43 13 00-0029 2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0030	SF	5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.68	6.98
		For Various Color Class I Anodized Finish, Add	*0.55*	
		For Black Color Class I Anodized Finish, Add	*1.65*	
08 43 13 00-0031	SF	6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.72	6.26
		For Various Color Class I Anodized Finish, Add	*0.49*	
		For Black Color Class I Anodized Finish, Add	*1.48*	
08 43 13 00-0032	SF	7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.20	5.81
		For Various Color Class I Anodized Finish, Add	*0.45*	
		For Black Color Class I Anodized Finish, Add	*1.35*	
08 43 13 00-0033	SF	8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.14	5.44
		For Various Color Class I Anodized Finish, Add	*0.42*	
		For Black Color Class I Anodized Finish, Add	*1.26*	
08 43 13 00-0034	SF	9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	14.28	5.07
		For Various Color Class I Anodized Finish, Add	*0.39*	
		For Black Color Class I Anodized Finish, Add	*1.18*	
08 43 13 00-0035	SF	10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	13.69	4.89
		For Various Color Class I Anodized Finish, Add	*0.38*	
		For Black Color Class I Anodized Finish, Add	*1.13*	
08 43 13 00-0036	SF	11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	13.06	4.71
		For Various Color Class I Anodized Finish, Add	*0.36*	
		For Black Color Class I Anodized Finish, Add	*1.08*	
08 43 13 00-0037	SF	12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	12.65	4.53
		For Various Color Class I Anodized Finish, Add	*0.35*	
		For Black Color Class I Anodized Finish, Add	*1.04*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0038		2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*		
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0039	SF	5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.23	9.43
		For Various Color Class I Anodized Finish, Add	*0.71*	
		For Black Color Class I Anodized Finish, Add	*2.14*	
08 43 13 00-0040	SF	6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.08	8.34
		For Various Color Class I Anodized Finish, Add	*0.63*	
		For Black Color Class I Anodized Finish, Add	*1.89*	
08 43 13 00-0041	SF	7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.88	7.53
		For Various Color Class I Anodized Finish, Add	*0.57*	
		For Black Color Class I Anodized Finish, Add	*1.70*	
08 43 13 00-0042	SF	8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.21	6.98
		For Various Color Class I Anodized Finish, Add	*0.52*	
		For Black Color Class I Anodized Finish, Add	*1.57*	
08 43 13 00-0043	SF	9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.98	6.53
		For Various Color Class I Anodized Finish, Add	*0.49*	
		For Black Color Class I Anodized Finish, Add	*1.46*	
08 43 13 00-0044	SF	10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.87	6.17
		For Various Color Class I Anodized Finish, Add	*0.46*	
		For Black Color Class I Anodized Finish, Add	*1.37*	
08 43 13 00-0045	SF	11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.02	5.81
		For Various Color Class I Anodized Finish, Add	*0.43*	
		For Black Color Class I Anodized Finish, Add	*1.30*	
08 43 13 00-0046	SF	12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.34	5.53
		For Various Color Class I Anodized Finish, Add	*0.41*	
		For Black Color Class I Anodized Finish, Add	*1.24*	
08 43 13 00-0047		2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*		
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0048	SF	5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.61	11.24
		For Various Color Class I Anodized Finish, Add	*0.88*	
		For Black Color Class I Anodized Finish, Add	*2.64*	
08 43 13 00-0049	SF	6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.63	9.79
		For Various Color Class I Anodized Finish, Add	*0.77*	
		For Black Color Class I Anodized Finish, Add	*2.30*	
08 43 13 00-0050	SF	7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.74	8.79
		For Various Color Class I Anodized Finish, Add	*0.69*	
		For Black Color Class I Anodized Finish, Add	*2.06*	
08 43 13 00-0051	SF	8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.65	8.07
		For Various Color Class I Anodized Finish, Add	*0.62*	
		For Black Color Class I Anodized Finish, Add	*1.87*	
08 43 13 00-0052	SF	9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.96	7.44
		For Various Color Class I Anodized Finish, Add	*0.58*	
		For Black Color Class I Anodized Finish, Add	*1.73*	
08 43 13 00-0053	SF	10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.61	6.98
		For Various Color Class I Anodized Finish, Add	*0.54*	
		For Black Color Class I Anodized Finish, Add	*1.62*	
08 43 13 00-0054	SF	11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.54	6.62
		For Various Color Class I Anodized Finish, Add	*0.51*	
		For Black Color Class I Anodized Finish, Add	*1.53*	
08 43 13 00-0055	SF	12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.57	6.35
		For Various Color Class I Anodized Finish, Add	*0.48*	
		For Black Color Class I Anodized Finish, Add	*1.45*	
08 43 13 00-0056		2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*		
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0057	SF	5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.72	7.16
		For Various Color Class I Anodized Finish, Add	*0.78*	
		For Black Color Class I Anodized Finish, Add	*2.33*	
08 43 13 00-0058	SF	6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.33	6.44
		For Various Color Class I Anodized Finish, Add	*0.70*	
		For Black Color Class I Anodized Finish, Add	*2.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0059	SF	7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.68	5.90
		For Various Color Class I Anodized Finish, Add	*0.64*	
		For Black Color Class I Anodized Finish, Add	*1.93*	
08 43 13 00-0060	SF	8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.44	5.53
		For Various Color Class I Anodized Finish, Add	*0.60*	
		For Black Color Class I Anodized Finish, Add	*1.80*	
08 43 13 00-0061	SF	9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	17.44	5.25
		For Various Color Class I Anodized Finish, Add	*0.57*	
		For Black Color Class I Anodized Finish, Add	*1.70*	
08 43 13 00-0062	SF	10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.65	4.98
		For Various Color Class I Anodized Finish, Add	*0.54*	
		For Black Color Class I Anodized Finish, Add	*1.63*	
08 43 13 00-0063	SF	11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	16.03	4.80
		For Various Color Class I Anodized Finish, Add	*0.52*	
		For Black Color Class I Anodized Finish, Add	*1.56*	
08 43 13 00-0064	SF	12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	15.45	4.62
		For Various Color Class I Anodized Finish, Add	*0.50*	
		For Black Color Class I Anodized Finish, Add	*1.51*	

08 43 13 00-0065 2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0066	SF	5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.43	9.61
		For Various Color Class I Anodized Finish, Add	*1.01*	
		For Black Color Class I Anodized Finish, Add	*3.03*	
08 43 13 00-0067	SF	6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.76	8.52
		For Various Color Class I Anodized Finish, Add	*0.89*	
		For Black Color Class I Anodized Finish, Add	*2.68*	
08 43 13 00-0068	SF	7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.18	7.71
		For Various Color Class I Anodized Finish, Add	*0.81*	
		For Black Color Class I Anodized Finish, Add	*2.43*	
08 43 13 00-0069	SF	8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.24	7.07
		For Various Color Class I Anodized Finish, Add	*0.75*	
		For Black Color Class I Anodized Finish, Add	*2.24*	
08 43 13 00-0070	SF	9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.70	6.62
		For Various Color Class I Anodized Finish, Add	*0.70*	
		For Black Color Class I Anodized Finish, Add	*2.10*	
08 43 13 00-0071	SF	10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.51	6.26
		For Various Color Class I Anodized Finish, Add	*0.66*	
		For Black Color Class I Anodized Finish, Add	*1.98*	
08 43 13 00-0072	SF	11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.52	5.99
		For Various Color Class I Anodized Finish, Add	*0.63*	
		For Black Color Class I Anodized Finish, Add	*1.88*	
08 43 13 00-0073	SF	12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	18.62	5.72
		For Various Color Class I Anodized Finish, Add	*0.60*	
		For Black Color Class I Anodized Finish, Add	*1.80*	

08 43 13 00-0074 2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0075	SF	5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	37.70	11.24
		For Various Color Class I Anodized Finish, Add	*1.25*	
		For Black Color Class I Anodized Finish, Add	*3.74*	
08 43 13 00-0076	SF	6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.18	9.97
		For Various Color Class I Anodized Finish, Add	*1.09*	
		For Black Color Class I Anodized Finish, Add	*3.27*	
08 43 13 00-0077	SF	7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.79	8.98
		For Various Color Class I Anodized Finish, Add	*0.98*	
		For Black Color Class I Anodized Finish, Add	*2.93*	
08 43 13 00-0078	SF	8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.31	8.16
		For Various Color Class I Anodized Finish, Add	*0.89*	
		For Black Color Class I Anodized Finish, Add	*2.68*	
08 43 13 00-0079	SF	9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.32	7.62
		For Various Color Class I Anodized Finish, Add	*0.83*	
		For Black Color Class I Anodized Finish, Add	*2.49*	
08 43 13 00-0080	SF	10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.73	7.16
		For Various Color Class I Anodized Finish, Add	*0.78*	
		For Black Color Class I Anodized Finish, Add	*2.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0081	SF	11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.38	6.71
		For Various Color Class I Anodized Finish, Add	*0.73*	
		For Black Color Class I Anodized Finish, Add	*2.20*	
08 43 13 00-0082	SF	12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.34	6.44
		For Various Color Class I Anodized Finish, Add	*0.70*	
		For Black Color Class I Anodized Finish, Add	*2.10*	

08 43 13 00-0083 Accessories For Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

08 43 13 00-0084	LF	For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	24.50	6.04
08 43 13 00-0085	LF	For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	27.78	6.63
08 43 13 00-0086	LF	For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing	40.74	7.29

08 43 19 Stainless-Steel-Framed Storefronts *(08 43)*

08 43 19 00-0001 Stainless Steel Storefront Framing Assembly *(08 43 19)*

Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0051 for insulated glazing.

08 43 19 00-0002	SF	Stainless Steel Storefront Framing Assembly	38.86	4.53
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*3.20*	

08 44 Curtain Wall And Glazed Assemblies *(08 40)*

08 44 13 Glazed Aluminum Curtain Walls *(08 44)*

08 44 13 00-0001 Curtain Walls *(08 44 13)*

08 44 13 00-0002 Coping Sections *(08 44 13 00-0001)*

08 44 13 00-0003	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	41.40	2.72
		For Bronze Anodized Aluminum, Add	*3.83*	
		For Stainless Steel, Add	*16.10*	
		For Black Anodized Finish, Add	*6.89*	
08 44 13 00-0004	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	42.76	2.72
		For Bronze Anodized Aluminum, Add	*4.03*	
		For Stainless Steel, Add	*16.91*	
		For Black Anodized Finish, Add	*7.25*	
08 44 13 00-0005	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	51.69	3.62
		For Bronze Anodized Aluminum, Add	*4.78*	
		For Stainless Steel, Add	*20.12*	
		For Black Anodized Finish, Add	*8.61*	

08 44 13 00-0006 Sill Section *(08 44 13 00-0001)*

08 44 13 00-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	33.32	1.81
		For Bronze Anodized Aluminum, Add	*3.32*	
		For Stainless Steel, Add	*13.84*	
		For Black Anodized Finish, Add	*5.98*	
08 44 13 00-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	35.68	1.81
		For Bronze Anodized Aluminum, Add	*3.67*	
		For Stainless Steel, Add	*15.25*	
		For Black Anodized Finish, Add	*6.61*	
08 44 13 00-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	38.08	1.81
		For Bronze Anodized Aluminum, Add	*4.03*	
		For Stainless Steel, Add	*16.69*	
		For Black Anodized Finish, Add	*7.26*	

08 44 13 00-0010 Aluminum Column Covers *(08 44 13 00-0001)*

Note: Includes all clips and fasteners.

08 44 13 00-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped	81.25	4.53
		For Bronze Anodized Aluminum, Add	*8.36*	
		For Stainless Steel, Add	*34.70*	
		For Black Anodized Finish, Add	*15.04*	
08 44 13 00-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped	98.18	4.53
		For Bronze Anodized Aluminum, Add	*10.67*	
		For Stainless Steel, Add	*44.03*	
		For Black Anodized Finish, Add	*19.20*	
08 44 13 00-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped	104.49	4.53
		For Bronze Anodized Aluminum, Add	*11.61*	
		For Stainless Steel, Add	*47.81*	
		For Black Anodized Finish, Add	*20.91*	

08 44 13 00-0014 Spandrel Covers *(08 44 13 00-0001)*

Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).

08 44 13 00-0015	SF	1" Spandrel Cover, Aluminum Both Faces	31.78	1.81
		For Bronze Anodized Aluminum, Add	*3.62*	
		For Stainless Steel, Add	*14.88*	
		For Black Anodized Finish, Add	*6.52*	
08 44 13 00-0016	SF	1" Spandrel Cover, Aluminum Exterior Face	28.20	1.81
		For Bronze Anodized Aluminum, Add	*3.09*	
		For Stainless Steel, Add	*12.73*	
		For Black Anodized Finish, Add	*5.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces	57.88	1.81
		For Bronze Anodized Aluminum, Add	*7.54*	
		For Stainless Steel, Add	*30.54*	
		For Black Anodized Finish, Add	*13.57*	
08 44 13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only	47.77	1.81
		For Bronze Anodized Aluminum, Add	*6.02*	
		For Stainless Steel, Add	*24.47*	
		For Black Anodized Finish, Add	*10.84*	
08 44 13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces	36.09	1.81
		For Bronze Anodized Aluminum, Add	*3.98*	
		For Stainless Steel, Add	*16.38*	
		For Black Anodized Finish, Add	*7.16*	
08 44 13 00-0020	SF	2" Spandrel Cover, Aluminum Exterior Face	32.70	1.81
		For Bronze Anodized Aluminum, Add	*3.47*	
		For Stainless Steel, Add	*14.35*	
		For Black Anodized Finish, Add	*6.24*	
08 44 13 00-0021	SF	2" Spandrel Cover, Epoxy Both Faces	66.47	1.81
		For Bronze Anodized Aluminum, Add	*8.53*	
		For Stainless Steel, Add	*34.61*	
		For Black Anodized Finish, Add	*15.36*	
08 44 13 00-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only	54.81	1.81
		For Bronze Anodized Aluminum, Add	*6.78*	
		For Stainless Steel, Add	*27.61*	
		For Black Anodized Finish, Add	*12.21*	

08 44 13 00-0023 Curtain Wall, Aluminum System Framing Sections *(08 44 13 00-0001)*

Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.

08 44 13 00-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls	44.71	1.81
		For Bronze Anodized Aluminum, Add	*5.63*	
		For Stainless Steel, Add	*22.87*	
		For Black Anodized Finish, Add	*10.13*	
08 44 13 00-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls	44.57	1.81
		For Bronze Anodized Aluminum, Add	*5.63*	
		For Stainless Steel, Add	*22.86*	
		For Black Anodized Finish, Add	*10.13*	
08 44 13 00-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls	44.57	1.81
		For Bronze Anodized Aluminum, Add	*5.63*	
		For Stainless Steel, Add	*22.86*	
		For Black Anodized Finish, Add	*10.13*	
		For Corner Mullion, Add	*10.44*	
08 44 13 00-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls	55.71	3.62
		For Bronze Anodized Aluminum, Add	*6.72*	
		For Stainless Steel, Add	*27.44*	
		For Black Anodized Finish, Add	*12.10*	
08 44 13 00-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls	55.71	3.62
		For Bronze Anodized Aluminum, Add	*6.72*	
		For Stainless Steel, Add	*27.44*	
		For Black Anodized Finish, Add	*12.10*	
08 44 13 00-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls	55.71	3.62
		For Bronze Anodized Aluminum, Add	*6.72*	
		For Stainless Steel, Add	*27.44*	
		For Black Anodized Finish, Add	*12.10*	
		For Corner Mullion, Add	*12.84*	
08 44 13 00-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls	61.22	3.98
		For Bronze Anodized Aluminum, Add	*7.37*	
		For Stainless Steel, Add	*30.09*	
		For Black Anodized Finish, Add	*13.27*	
08 44 13 00-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls	61.22	3.98
		For Bronze Anodized Aluminum, Add	*7.37*	
		For Stainless Steel, Add	*30.09*	
		For Black Anodized Finish, Add	*13.27*	
08 44 13 00-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls	61.22	3.98
		For Bronze Anodized Aluminum, Add	*7.37*	
		For Stainless Steel, Add	*30.09*	
		For Black Anodized Finish, Add	*13.27*	
		For Corner Mullion, Add	*14.10*	
08 44 13 00-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls	66.89	4.53
		For Bronze Anodized Aluminum, Add	*8.02*	
		For Stainless Steel, Add	*32.75*	
		For Black Anodized Finish, Add	*14.43*	
08 44 13 00-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls	66.89	4.53
		For Bronze Anodized Aluminum, Add	*8.02*	
		For Stainless Steel, Add	*32.75*	
		For Black Anodized Finish, Add	*14.43*	
08 44 13 00-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls	66.89	4.53
		For Bronze Anodized Aluminum, Add	*8.02*	
		For Stainless Steel, Add	*32.75*	
		For Black Anodized Finish, Add	*14.43*	
		For Corner Mullion, Add	*15.38*	
08 44 13 00-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls	74.95	4.89
		For Bronze Anodized Aluminum, Add	*9.04*	
		For Stainless Steel, Add	*36.91*	
		For Black Anodized Finish, Add	*16.28*	
08 44 13 00-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	74.95	4.89
		For Bronze Anodized Aluminum, Add	*9.04*	
		For Stainless Steel, Add	*36.91*	
		For Black Anodized Finish, Add	*16.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	74.95	4.89
		For Bronze Anodized Aluminum, Add	*9.04*	
		For Stainless Steel, Add	*36.91*	
		For Black Anodized Finish, Add	*16.28*	
		For Corner Mullion, Add	*17.27*	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	86.04	5.44
		For Bronze Anodized Aluminum, Add	*10.38*	
		For Stainless Steel, Add	*42.38*	
		For Black Anodized Finish, Add	*18.69*	
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	86.04	5.44
		For Bronze Anodized Aluminum, Add	*10.38*	
		For Stainless Steel, Add	*42.38*	
		For Black Anodized Finish, Add	*18.69*	
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	86.04	5.44
		For Bronze Anodized Aluminum, Add	*10.38*	
		For Stainless Steel, Add	*42.38*	
		For Black Anodized Finish, Add	*18.69*	
		For Corner Mullion, Add	*19.83*	

08 44 26 Structural Glass Curtain Walls *(08 44)*

08 44 26 16 Metal Framed Point Supported Glass Curtain Walls *(08 44 26)*

08 44 26 16-0001 Centria Exterior Closure Components *(08 44 26 16)*

08 44 26 16-0002	SF	Centria CS-260, 210 Single Skin Metal Panel Note: Metal Panels include panel system base, vertical joints, vertical joint covers, foam and metal closure for vertical joints, clips and attachments. Includes extruded aluminum coping with two coats of 70% Mica Kynar finish factory installed.	50.77	17.50
08 44 26 16-0003	SF	Centria Formawall Insulated Metal Panels Note: Includes two coats of 70% Mica Kynar finish factory installed. Includes base extrusion and coping extrusions.	73.61	14.59
08 44 26 16-0004	LF	Centria Formawall Insulated Metal Panels Radius Column Note: Includes radius coping.	121.24	24.31
08 44 26 16-0005	LF	Centria Formawall Insulated Metal Panels Coping	24.25	4.86
08 44 26 16-0006	SF	Centria Formawavue 3000 Thru Tube Window System Without Glass Note: 20 PSF wind load with 70% Mica Kynar two coat finish factory installed.	89.04	23.33
08 44 26 16-0007	SF	Centria Formawavue 3000 Insulated Vision Units Note: Vision insulated units to be 1" clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface.	13.51	
08 44 26 16-0008	SF	Centria Formawavue 3000 Insulated Silkscreen Pattern Units Note: Silkscreen units to be 1" clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface and manufacturers standard silk screen (dots or lines) pattern on inboard lite.	26.15	
08 44 26 16-0009	LF	Centria Integrated Louver System Note: Factory installed 70% Mica Kynar two coat finish. Excludes blank-off panels or insect screens.	171.63	14.59
08 44 26 16-0010	LF	Centria Integrated Sunshade System Note: Factory installed 70% Mica Kynar two coat finish.	818.20	103.07

08 44 26 16-0011 Kalwall Exterior Closure Components *(08 44 26 16)*

08 44 26 16-0012	SF	Kalwall Translucent Panel System Standard Note: 25 PSF wind load. Factory installed 70% Mica Kynar two coat finish.	103.64	19.45
08 44 26 16-0013	SF	Kalwall Translucent Panel System High Impact	107.37	19.45
08 44 26 16-0014	EA	Wind Clips Note: 2 per connection to steel tube includes all welding, fasteners, prep, and clean up.	217.90	
08 44 26 16-0015	EA	Sill Angle With Welded Support Angles For The Kalwall System Note: Includes all welding, fasteners, prep, and clean up.	254.21	
08 44 26 16-0016	EA	Kalwall Head Channel At Coping (Galvanized 16 Gauge 2 x 4.5")	11.62	
08 44 26 16-0017	EA	Kalwall Head Channel At Corners (Galvanized 16 Gauge 2 x 4.5")	50.84	

08 45 Translucent Wall And Roof Assemblies *(08 40)*

08 45 23 Fiberglass-Sandwich-Panel Assemblies *(08 45)*

08 45 23 00-0001 Translucent Fiberglass Sandwich-Panels 2-3/4" Thick *(08 45 23)*

08 45 23 00-0002	SF	<5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	54.20	4.90
		For Aluminum Frame, Add	*4.69*	
08 45 23 00-0003	SF	>5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed	49.41	4.17
		For Aluminum Frame, Add	*4.32*	

08 50 Windows *(08)*

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows *(08 50)*

08 51 13 Aluminum Windows *(08 51)*

Note: All units are of standard brushed finish. See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows *(08 51 13)*

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

08 51 13 00-0002 Single Hung Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0003 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) *(08 51 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0004	EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	361.54	93.62
		For Installation In Concrete Or Masonry, Add	*36.35*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.11*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.33*	
		For Clear Anodized Finish, Add	*10.28*	
		For Color Anodized Finish, Add	*14.39*	
08 51 13 00-0005	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	403.01	99.47
		For Installation In Concrete Or Masonry, Add	*39.09*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.74*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.23*	
		For Clear Anodized Finish, Add	*11.86*	
		For Color Anodized Finish, Add	*16.61*	
08 51 13 00-0006	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	438.97	105.32
		For Installation In Concrete Or Masonry, Add	*41.70*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.27*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.81*	
		For Clear Anodized Finish, Add	*13.17*	
		For Color Anodized Finish, Add	*18.44*	
08 51 13 00-0007	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	469.41	111.18
		For Installation In Concrete Or Masonry, Add	*44.16*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.05*	
		For Clear Anodized Finish, Add	*14.21*	
		For Color Anodized Finish, Add	*19.89*	
08 51 13 00-0008	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	532.95	117.03
		For Installation In Concrete Or Masonry, Add	*47.46*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.76*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.27*	
		For Clear Anodized Finish, Add	*16.90*	
		For Color Anodized Finish, Add	*23.65*	
08 51 13 00-0009	SF	>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	17.12	3.51
		For Installation In Concrete Or Masonry, Add	*1.45*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.68*	
		For Clear Anodized Finish, Add	*0.56*	
		For Color Anodized Finish, Add	*0.79*	

08 51 13 00-0010 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) *(08 51 13 00-0002)*

08 51 13 00-0011	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	507.73	93.62
		For Installation In Concrete Or Masonry, Add	*40.00*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.10*	
		For Clear Anodized Finish, Add	*17.58*	
		For Color Anodized Finish, Add	*24.62*	
08 51 13 00-0012	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	561.61	99.47
		For Installation In Concrete Or Masonry, Add	*43.05*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.75*	
		For Clear Anodized Finish, Add	*19.79*	
		For Color Anodized Finish, Add	*27.71*	
08 51 13 00-0013	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	607.23	105.32
		For Installation In Concrete Or Masonry, Add	*45.90*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.63*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.90*	
		For Clear Anodized Finish, Add	*21.58*	
		For Color Anodized Finish, Add	*30.22*	
08 51 13 00-0014	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	651.46	111.18
		For Installation In Concrete Or Masonry, Add	*48.71*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.97*	
		For Clear Anodized Finish, Add	*23.31*	
		For Color Anodized Finish, Add	*32.63*	
08 51 13 00-0015	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	764.65	117.03
		For Installation In Concrete Or Masonry, Add	*53.25*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.18*	
		For Clear Anodized Finish, Add	*28.48*	
		For Color Anodized Finish, Add	*39.87*	
08 51 13 00-0016	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	24.84	3.51
		For Installation In Concrete Or Masonry, Add	*1.64*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.38*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.14*	
		For Clear Anodized Finish, Add	*0.95*	
		For Color Anodized Finish, Add	*1.33*	

08 51 13 00-0017 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	532.56	93.62
		For Installation In Concrete Or Masonry, Add	*40.62*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.53*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.59*	
		For Clear Anodized Finish, Add	*18.83*	
		For Color Anodized Finish, Add	*26.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	596.09	99.47
		For Installation In Concrete Or Masonry, Add	*43.92*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.82*	
		For Clear Anodized Finish, Add	*21.52*	
		For Color Anodized Finish, Add	*30.12*	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	648.61	105.32
		For Installation In Concrete Or Masonry, Add	*46.94*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.46*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.38*	
		For Clear Anodized Finish, Add	*23.65*	
		For Color Anodized Finish, Add	*33.11*	
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	699.73	111.18
		For Installation In Concrete Or Masonry, Add	*49.92*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.29*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.87*	
		For Clear Anodized Finish, Add	*25.72*	
		For Color Anodized Finish, Add	*36.01*	
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	823.96	117.03
		For Installation In Concrete Or Masonry, Add	*54.73*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.58*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.73*	
		For Clear Anodized Finish, Add	*31.45*	
		For Color Anodized Finish, Add	*44.02*	
08 51 13 00-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	26.81	3.51
		For Installation In Concrete Or Masonry, Add	*1.69*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.42*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.26*	
		For Clear Anodized Finish, Add	*1.05*	
		For Color Anodized Finish, Add	*1.47*	

08 51 13 00-0024 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) *(08 51 13 00-0002)*

08 51 13 00-0025	EA	Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	579.45	93.62
		For Installation In Concrete Or Masonry, Add	*41.79*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.40*	
		For Clear Anodized Finish, Add	*21.17*	
		For Color Anodized Finish, Add	*29.64*	
08 51 13 00-0026	EA	>6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	660.92	99.47
		For Installation In Concrete Or Masonry, Add	*45.54*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.71*	
		For Clear Anodized Finish, Add	*24.76*	
		For Color Anodized Finish, Add	*34.66*	
08 51 13 00-0027	EA	>10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	714.81	105.32
		For Installation In Concrete Or Masonry, Add	*48.59*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.79*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.36*	
		For Clear Anodized Finish, Add	*26.96*	
		For Color Anodized Finish, Add	*37.75*	
08 51 13 00-0028	EA	>15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	765.93	111.18
		For Installation In Concrete Or Masonry, Add	*51.58*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.84*	
		For Clear Anodized Finish, Add	*29.03*	
		For Color Anodized Finish, Add	*40.64*	
08 51 13 00-0029	EA	>20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	880.50	117.03
		For Installation In Concrete Or Masonry, Add	*56.15*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.13*	
		For Clear Anodized Finish, Add	*34.27*	
		For Color Anodized Finish, Add	*47.98*	
08 51 13 00-0030	SF	>30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	28.70	3.51
		For Installation In Concrete Or Masonry, Add	*1.74*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.46*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.37*	
		For Clear Anodized Finish, Add	*1.14*	
		For Color Anodized Finish, Add	*1.60*	

08 51 13 00-0031 Double Hung Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0032 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) *(08 51 13 00-0031)*

08 51 13 00-0033	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	398.78	93.62
		For Installation In Concrete Or Masonry, Add	*37.28*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.56*	
		For Clear Anodized Finish, Add	*12.14*	
		For Color Anodized Finish, Add	*16.99*	
08 51 13 00-0034	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	438.87	99.47
		For Installation In Concrete Or Masonry, Add	*39.99*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.46*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.38*	
		For Clear Anodized Finish, Add	*13.65*	
		For Color Anodized Finish, Add	*19.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0035	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	473.45	105.32
		For Installation In Concrete Or Masonry, Add	*42.56*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.87*	
		For Clear Anodized Finish, Add	*14.90*	
		For Color Anodized Finish, Add	*20.85*	
08 51 13 00-0036	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	509.41	111.18
		For Installation In Concrete Or Masonry, Add	*45.16*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.48*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.45*	
		For Clear Anodized Finish, Add	*16.21*	
		For Color Anodized Finish, Add	*22.69*	
08 51 13 00-0037	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	586.74	117.03
		For Installation In Concrete Or Masonry, Add	*48.80*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.83*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.50*	
		For Clear Anodized Finish, Add	*19.58*	
		For Color Anodized Finish, Add	*27.42*	
08 51 13 00-0038	SF	>30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)	18.91	3.51
		For Installation In Concrete Or Masonry, Add	*1.50*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.26*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.78*	
		For Clear Anodized Finish, Add	*0.65*	
		For Color Anodized Finish, Add	*0.91*	

08 51 13 00-0039 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) *(08 51 13 00-0031)*

08 51 13 00-0040	EA	Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	477.39	93.62
		For Installation In Concrete Or Masonry, Add	*39.24*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.28*	
		For Clear Anodized Finish, Add	*16.07*	
		For Color Anodized Finish, Add	*22.49*	
08 51 13 00-0041	EA	>6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	547.82	99.47
		For Installation In Concrete Or Masonry, Add	*42.71*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.64*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.92*	
		For Clear Anodized Finish, Add	*19.10*	
		For Color Anodized Finish, Add	*26.74*	
08 51 13 00-0042	EA	>10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	605.85	105.32
		For Installation In Concrete Or Masonry, Add	*45.87*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.82*	
		For Clear Anodized Finish, Add	*21.52*	
		For Color Anodized Finish, Add	*30.12*	
08 51 13 00-0043	EA	>15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	670.77	111.18
		For Installation In Concrete Or Masonry, Add	*49.20*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.13*	
		For Clear Anodized Finish, Add	*24.27*	
		For Color Anodized Finish, Add	*33.98*	
08 51 13 00-0044	EA	>20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	786.72	117.03
		For Installation In Concrete Or Masonry, Add	*53.80*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.83*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.50*	
		For Clear Anodized Finish, Add	*29.58*	
		For Color Anodized Finish, Add	*41.42*	
08 51 13 00-0045	SF	>30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000)	25.57	3.51
		For Installation In Concrete Or Masonry, Add	*1.66*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.18*	
		For Clear Anodized Finish, Add	*0.99*	
		For Color Anodized Finish, Add	*1.38*	

08 51 13 00-0046 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) *(08 51 13 00-0031)*

08 51 13 00-0047	EA	Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	586.34	93.62
		For Installation In Concrete Or Masonry, Add	*41.97*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.82*	
		For Clear Anodized Finish, Add	*21.52*	
		For Color Anodized Finish, Add	*30.12*	
08 51 13 00-0048	EA	>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	667.81	99.47
		For Installation In Concrete Or Masonry, Add	*45.71*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.12*	
		For Clear Anodized Finish, Add	*25.10*	
		For Color Anodized Finish, Add	*35.14*	
08 51 13 00-0049	EA	>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	736.88	105.32
		For Installation In Concrete Or Masonry, Add	*49.14*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.68*	
		For Clear Anodized Finish, Add	*28.07*	
		For Color Anodized Finish, Add	*39.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0050	EA	>15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	804.55	111.18
		For Installation In Concrete Or Masonry, Add	*52.54*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.16*	
		For Clear Anodized Finish, Add	*30.96*	
		For Color Anodized Finish, Add	*43.35*	
08 51 13 00-0051	EA	>20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	961.87	117.03
		For Installation In Concrete Or Masonry, Add	*58.18*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.34*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.01*	
		For Clear Anodized Finish, Add	*38.34*	
		For Color Anodized Finish, Add	*53.68*	
08 51 13 00-0052	SF	>30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400)	31.41	3.51
		For Installation In Concrete Or Masonry, Add	*1.81*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.51*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.53*	
		For Clear Anodized Finish, Add	*1.28*	
		For Color Anodized Finish, Add	*1.79*	

08 51 13 00-0053 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) *(08 51 13 00-0031)*

08 51 13 00-0054	EA	Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	887.10	99.47
		For Installation In Concrete Or Masonry, Add	*51.19*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.43*	
		For 70% Fluoropolymer Finish (Duranar), Add	*43.28*	
		For Clear Anodized Finish, Add	*36.07*	
		For Color Anodized Finish, Add	*50.49*	
08 51 13 00-0055	EA	>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	969.96	105.32
		For Installation In Concrete Or Masonry, Add	*54.97*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.89*	
		For 70% Fluoropolymer Finish (Duranar), Add	*47.66*	
		For Clear Anodized Finish, Add	*39.72*	
		For Color Anodized Finish, Add	*55.61*	
08 51 13 00-0056	EA	>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,066.60	111.18
		For Installation In Concrete Or Masonry, Add	*59.09*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.63*	
		For 70% Fluoropolymer Finish (Duranar), Add	*52.88*	
		For Clear Anodized Finish, Add	*44.07*	
		For Color Anodized Finish, Add	*61.69*	
08 51 13 00-0057	EA	>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,226.68	117.03
		For Installation In Concrete Or Masonry, Add	*64.80*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.63*	
		For 70% Fluoropolymer Finish (Duranar), Add	*61.90*	
		For Clear Anodized Finish, Add	*51.58*	
		For Color Anodized Finish, Add	*72.21*	
08 51 13 00-0058	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	40.19	3.51
		For Installation In Concrete Or Masonry, Add	*2.03*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.69*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.06*	
		For Clear Anodized Finish, Add	*1.72*	
		For Color Anodized Finish, Add	*2.40*	

08 51 13 00-0059 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) *(08 51 13 00-0031)*

08 51 13 00-0060	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,198.80	99.47
		For Installation In Concrete Or Masonry, Add	*58.98*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*20.66*	
		For 70% Fluoropolymer Finish (Duranar), Add	*61.98*	
		For Clear Anodized Finish, Add	*51.65*	
		For Color Anodized Finish, Add	*72.31*	
08 51 13 00-0061	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,291.31	105.32
		For Installation In Concrete Or Masonry, Add	*63.00*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*22.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*66.95*	
		For Clear Anodized Finish, Add	*55.79*	
		For Color Anodized Finish, Add	*78.10*	
08 51 13 00-0062	EA	>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,396.22	111.18
		For Installation In Concrete Or Masonry, Add	*67.33*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*24.22*	
		For 70% Fluoropolymer Finish (Duranar), Add	*72.66*	
		For Clear Anodized Finish, Add	*60.55*	
		For Color Anodized Finish, Add	*84.76*	
08 51 13 00-0063	EA	>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,575.61	117.03
		For Installation In Concrete Or Masonry, Add	*73.52*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*27.61*	
		For 70% Fluoropolymer Finish (Duranar), Add	*82.83*	
		For Clear Anodized Finish, Add	*69.03*	
		For Color Anodized Finish, Add	*96.64*	
08 51 13 00-0064	SF	>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	51.91	3.51
		For Installation In Concrete Or Masonry, Add	*2.32*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.92*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.76*	
		For Clear Anodized Finish, Add	*2.30*	
		For Color Anodized Finish, Add	*3.22*	

08 51 13 00-0065 Horizontal Sliding Aluminum Windows *(08 51 13 00-0001)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0066		One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*		
08 51 13 00-0067		2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) *(08 51 13 00-0066)*		
08 51 13 00-0068	EA	Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	368.43	93.62
		For Installation In Concrete Or Masonry, Add	*36.52*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.25*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.74*	
		For Clear Anodized Finish, Add	*10.62*	
		For Color Anodized Finish, Add	*14.87*	
08 51 13 00-0069	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	411.28	99.47
		For Installation In Concrete Or Masonry, Add	*39.30*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.73*	
		For Clear Anodized Finish, Add	*12.27*	
		For Color Anodized Finish, Add	*17.18*	
08 51 13 00-0070	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	444.49	105.32
		For Installation In Concrete Or Masonry, Add	*41.83*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.38*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.14*	
		For Clear Anodized Finish, Add	*13.45*	
		For Color Anodized Finish, Add	*18.83*	
08 51 13 00-0071	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	479.07	111.18
		For Installation In Concrete Or Masonry, Add	*44.40*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.88*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.63*	
		For Clear Anodized Finish, Add	*14.69*	
		For Color Anodized Finish, Add	*20.56*	
08 51 13 00-0072	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	545.36	117.03
		For Installation In Concrete Or Masonry, Add	*47.77*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.02*	
		For Clear Anodized Finish, Add	*17.52*	
		For Color Anodized Finish, Add	*24.52*	
08 51 13 00-0073	SF	>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	17.53	3.51
		For Installation In Concrete Or Masonry, Add	*1.46*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.70*	
		For Clear Anodized Finish, Add	*0.58*	
		For Color Anodized Finish, Add	*0.82*	
08 51 13 00-0074		3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) *(08 51 13 00-0066)*		
08 51 13 00-0075	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	543.59	93.62
		For Installation In Concrete Or Masonry, Add	*40.90*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.75*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.25*	
		For Clear Anodized Finish, Add	*19.38*	
		For Color Anodized Finish, Add	*27.13*	
08 51 13 00-0076	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	608.51	99.47
		For Installation In Concrete Or Masonry, Add	*44.23*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.85*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.56*	
		For Clear Anodized Finish, Add	*22.14*	
		For Color Anodized Finish, Add	*30.99*	
08 51 13 00-0077	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	661.02	105.32
		For Installation In Concrete Or Masonry, Add	*47.25*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.13*	
		For Clear Anodized Finish, Add	*24.27*	
		For Color Anodized Finish, Add	*33.98*	
08 51 13 00-0078	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	712.15	111.18
		For Installation In Concrete Or Masonry, Add	*50.23*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.61*	
		For Clear Anodized Finish, Add	*26.34*	
		For Color Anodized Finish, Add	*36.88*	
08 51 13 00-0079	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	818.44	117.03
		For Installation In Concrete Or Masonry, Add	*54.59*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.47*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.40*	
		For Clear Anodized Finish, Add	*31.17*	
		For Color Anodized Finish, Add	*43.64*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0080		SF	>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	26.63	3.51
			For Installation In Concrete Or Masonry, Add	*1.69*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.42*	
			For 70% Fluoropolymer Finish (Duranar), Add	*1.25*	
			For Clear Anodized Finish, Add	*1.04*	
			For Color Anodized Finish, Add	*1.45*	

08 51 13 00-0081 Two Rolling Sashes, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*

08 51 13 00-0082 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) *(08 51 13 00-0081)*

08 51 13 00-0083		EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	404.29	93.62
			For Installation In Concrete Or Masonry, Add	*37.41*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*4.97*	
			For 70% Fluoropolymer Finish (Duranar), Add	*14.90*	
			For Clear Anodized Finish, Add	*12.41*	
			For Color Anodized Finish, Add	*17.38*	
08 51 13 00-0084		EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	458.18	99.47
			For Installation In Concrete Or Masonry, Add	*40.47*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*5.85*	
			For 70% Fluoropolymer Finish (Duranar), Add	*17.54*	
			For Clear Anodized Finish, Add	*14.62*	
			For Color Anodized Finish, Add	*20.47*	
08 51 13 00-0085		EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	495.52	105.32
			For Installation In Concrete Or Masonry, Add	*43.11*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*6.40*	
			For 70% Fluoropolymer Finish (Duranar), Add	*19.20*	
			For Clear Anodized Finish, Add	*16.00*	
			For Color Anodized Finish, Add	*22.40*	
08 51 13 00-0086		EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	527.34	111.18
			For Installation In Concrete Or Masonry, Add	*45.61*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*6.84*	
			For 70% Fluoropolymer Finish (Duranar), Add	*20.52*	
			For Clear Anodized Finish, Add	*17.10*	
			For Color Anodized Finish, Add	*23.94*	
08 51 13 00-0087		EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	601.91	117.03
			For Installation In Concrete Or Masonry, Add	*49.18*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*8.14*	
			For 70% Fluoropolymer Finish (Duranar), Add	*24.41*	
			For Clear Anodized Finish, Add	*20.34*	
			For Color Anodized Finish, Add	*28.48*	
08 51 13 00-0088		SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	19.41	3.51
			For Installation In Concrete Or Masonry, Add	*1.51*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*0.27*	
			For 70% Fluoropolymer Finish (Duranar), Add	*0.81*	
			For Clear Anodized Finish, Add	*0.68*	
			For Color Anodized Finish, Add	*0.95*	

08 51 13 00-0089 Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows *(08 51 13 00-0065)*

08 51 13 00-0090 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) *(08 51 13 00-0089)*

08 51 13 00-0091		EA	Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	927.00	93.62
			For Installation In Concrete Or Masonry, Add	*50.48*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*15.42*	
			For 70% Fluoropolymer Finish (Duranar), Add	*46.26*	
			For Clear Anodized Finish, Add	*38.55*	
			For Color Anodized Finish, Add	*53.97*	
08 51 13 00-0092		EA	>12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,067.23	108.25
			For Installation In Concrete Or Masonry, Add	*58.25*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*17.74*	
			For 70% Fluoropolymer Finish (Duranar), Add	*53.21*	
			For Clear Anodized Finish, Add	*44.34*	
			For Color Anodized Finish, Add	*62.08*	
08 51 13 00-0093		EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,151.47	114.10
			For Installation In Concrete Or Masonry, Add	*62.07*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*19.23*	
			For 70% Fluoropolymer Finish (Duranar), Add	*57.68*	
			For Clear Anodized Finish, Add	*48.06*	
			For Color Anodized Finish, Add	*67.29*	
08 51 13 00-0094		EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,385.48	128.73
			For Installation In Concrete Or Masonry, Add	*72.19*	
			For 50% Fluoropolymer Finish (Acrynar), Add	*23.42*	
			For 70% Fluoropolymer Finish (Duranar), Add	*70.26*	
			For Clear Anodized Finish, Add	*58.55*	
			For Color Anodized Finish, Add	*81.96*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0095	EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,598.16	146.29
		For Installation In Concrete Or Masonry, Add	*82.62*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*27.09*	
		For 70% Fluoropolymer Finish (Duranar), Add	*81.26*	
		For Clear Anodized Finish, Add	*67.72*	
		For Color Anodized Finish, Add	*94.80*	
08 51 13 00-0096	SF	>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	28.41	3.51
		For Installation In Concrete Or Masonry, Add	*1.73*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.35*	
		For Clear Anodized Finish, Add	*1.13*	
		For Color Anodized Finish, Add	*1.58*	

08 51 13 00-0097 Fixed Aluminum Windows *(08 51 13 00-0001)*

08 51 13 00-0098 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) *(08 51 13 00-0097)*

08 51 13 00-0099	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	303.61	93.62
		For Installation In Concrete Or Masonry, Add	*34.90*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*8.85*	
		For Clear Anodized Finish, Add	*7.38*	
		For Color Anodized Finish, Add	*10.33*	
08 51 13 00-0100	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	340.95	99.47
		For Installation In Concrete Or Masonry, Add	*37.54*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*10.51*	
		For Clear Anodized Finish, Add	*8.76*	
		For Color Anodized Finish, Add	*12.26*	
08 51 13 00-0101	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	360.36	105.32
		For Installation In Concrete Or Masonry, Add	*39.73*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.70*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.09*	
		For Clear Anodized Finish, Add	*9.24*	
		For Color Anodized Finish, Add	*12.94*	
08 51 13 00-0102	EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	379.76	111.18
		For Installation In Concrete Or Masonry, Add	*41.92*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.89*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.67*	
		For Clear Anodized Finish, Add	*9.72*	
		For Color Anodized Finish, Add	*13.61*	
08 51 13 00-0103	EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	479.16	117.03
		For Installation In Concrete Or Masonry, Add	*46.11*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.05*	
		For Clear Anodized Finish, Add	*14.21*	
		For Color Anodized Finish, Add	*19.89*	
08 51 13 00-0104	SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	15.33	3.51
		For Installation In Concrete Or Masonry, Add	*1.41*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.19*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.57*	
		For Clear Anodized Finish, Add	*0.47*	
		For Color Anodized Finish, Add	*0.66*	

08 51 13 00-0105 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) *(08 51 13 00-0097)*

08 51 13 00-0106	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	364.30	93.62
		For Installation In Concrete Or Masonry, Add	*36.41*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.50*	
		For Clear Anodized Finish, Add	*10.41*	
		For Color Anodized Finish, Add	*14.58*	
08 51 13 00-0107	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	411.28	99.47
		For Installation In Concrete Or Masonry, Add	*39.30*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.73*	
		For Clear Anodized Finish, Add	*12.27*	
		For Color Anodized Finish, Add	*17.18*	
08 51 13 00-0108	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	441.73	105.32
		For Installation In Concrete Or Masonry, Add	*41.76*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.32*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.97*	
		For Clear Anodized Finish, Add	*13.31*	
		For Color Anodized Finish, Add	*18.63*	
08 51 13 00-0109	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	473.55	111.18
		For Installation In Concrete Or Masonry, Add	*44.27*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.77*	
		For 70% Fluoropolymer Finish (Duranar), Add	*17.30*	
		For Clear Anodized Finish, Add	*14.41*	
		For Color Anodized Finish, Add	*20.18*	
08 51 13 00-0110	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	601.91	117.03
		For Installation In Concrete Or Masonry, Add	*49.18*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.41*	
		For Clear Anodized Finish, Add	*20.34*	
		For Color Anodized Finish, Add	*28.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0111	SF	>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	19.41	3.51
		For Installation In Concrete Or Masonry, Add	*1.51*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.27*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.81*	
		For Clear Anodized Finish, Add	*0.68*	
		For Color Anodized Finish, Add	*0.95*	
08 51 13 00-0112		3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) *(08 51 13 00-0097)*		
08 51 13 00-0113	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	322.92	93.62
		For Installation In Concrete Or Masonry, Add	*35.38*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.34*	
		For 70% Fluoropolymer Finish (Duranar), Add	*10.01*	
		For Clear Anodized Finish, Add	*8.34*	
		For Color Anodized Finish, Add	*11.68*	
08 51 13 00-0114	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	369.91	99.47
		For Installation In Concrete Or Masonry, Add	*38.26*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.25*	
		For Clear Anodized Finish, Add	*10.21*	
		For Color Anodized Finish, Add	*14.29*	
08 51 13 00-0115	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	397.60	105.32
		For Installation In Concrete Or Masonry, Add	*40.66*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.44*	
		For 70% Fluoropolymer Finish (Duranar), Add	*13.32*	
		For Clear Anodized Finish, Add	*11.10*	
		For Color Anodized Finish, Add	*15.54*	
08 51 13 00-0116	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	426.66	111.18
		For Installation In Concrete Or Masonry, Add	*43.09*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.83*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.48*	
		For Clear Anodized Finish, Add	*12.07*	
		For Color Anodized Finish, Add	*16.90*	
08 51 13 00-0117	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	548.12	117.03
		For Installation In Concrete Or Masonry, Add	*47.84*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.18*	
		For Clear Anodized Finish, Add	*17.65*	
		For Color Anodized Finish, Add	*24.71*	
08 51 13 00-0118	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	17.61	3.51
		For Installation In Concrete Or Masonry, Add	*1.46*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.24*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.71*	
		For Clear Anodized Finish, Add	*0.59*	
		For Color Anodized Finish, Add	*0.82*	
08 51 13 00-0119		4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) *(08 51 13 00-0097)*		
08 51 13 00-0120	EA	Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	321.54	93.62
		For Installation In Concrete Or Masonry, Add	*35.35*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.31*	
		For 70% Fluoropolymer Finish (Duranar), Add	*9.93*	
		For Clear Anodized Finish, Add	*8.28*	
		For Color Anodized Finish, Add	*11.59*	
08 51 13 00-0121	EA	>6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	364.39	99.47
		For Installation In Concrete Or Masonry, Add	*38.12*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.97*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.92*	
		For Clear Anodized Finish, Add	*9.93*	
		For Color Anodized Finish, Add	*13.90*	
08 51 13 00-0122	EA	>10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	392.08	105.32
		For Installation In Concrete Or Masonry, Add	*40.52*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.33*	
		For 70% Fluoropolymer Finish (Duranar), Add	*12.99*	
		For Clear Anodized Finish, Add	*10.83*	
		For Color Anodized Finish, Add	*15.16*	
08 51 13 00-0123	EA	>15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	421.14	111.18
		For Installation In Concrete Or Masonry, Add	*42.96*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*4.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*14.15*	
		For Clear Anodized Finish, Add	*11.79*	
		For Color Anodized Finish, Add	*16.51*	
08 51 13 00-0124	EA	>20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	542.60	117.03
		For Installation In Concrete Or Masonry, Add	*47.70*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*20.85*	
		For Clear Anodized Finish, Add	*17.38*	
		For Color Anodized Finish, Add	*24.33*	
08 51 13 00-0125	SF	>30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	17.44	3.51
		For Installation In Concrete Or Masonry, Add	*1.46*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.70*	
		For Clear Anodized Finish, Add	*0.58*	
		For Color Anodized Finish, Add	*0.81*	
08 51 13 00-0126		Projected Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0127		Single Vent, Projected Aluminum Windows *(08 51 13 00-0126)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0128		2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0127)*		
08 51 13 00-0129	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	407.33	93.62
		For Installation In Concrete Or Masonry, Add	*37.49*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*15.08*	
		For Clear Anodized Finish, Add	*12.56*	
		For Color Anodized Finish, Add	*17.59*	
08 51 13 00-0130	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	440.11	99.47
		For Installation In Concrete Or Masonry, Add	*40.02*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*5.49*	
		For 70% Fluoropolymer Finish (Duranar), Add	*16.46*	
		For Clear Anodized Finish, Add	*13.72*	
		For Color Anodized Finish, Add	*19.20*	
08 51 13 00-0131	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	477.59	105.32
		For Installation In Concrete Or Masonry, Add	*42.66*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.12*	
		For Clear Anodized Finish, Add	*15.10*	
		For Color Anodized Finish, Add	*21.14*	
08 51 13 00-0132	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	25.99	3.51
		For Installation In Concrete Or Masonry, Add	*1.67*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.40*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.21*	
		For Clear Anodized Finish, Add	*1.01*	
		For Color Anodized Finish, Add	*1.41*	
08 51 13 00-0133		2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0127)*		
08 51 13 00-0134	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	529.26	93.62
		For Installation In Concrete Or Masonry, Add	*40.54*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.46*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.39*	
		For Clear Anodized Finish, Add	*18.66*	
		For Color Anodized Finish, Add	*26.13*	
08 51 13 00-0135	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	582.18	99.47
		For Installation In Concrete Or Masonry, Add	*43.57*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.33*	
		For 70% Fluoropolymer Finish (Duranar), Add	*24.98*	
		For Clear Anodized Finish, Add	*20.82*	
		For Color Anodized Finish, Add	*29.15*	
08 51 13 00-0136	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	643.09	105.32
		For Installation In Concrete Or Masonry, Add	*46.80*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.35*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.05*	
		For Clear Anodized Finish, Add	*23.38*	
		For Color Anodized Finish, Add	*32.73*	
08 51 13 00-0137	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	37.02	3.51
		For Installation In Concrete Or Masonry, Add	*1.95*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.62*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.87*	
		For Clear Anodized Finish, Add	*1.56*	
		For Color Anodized Finish, Add	*2.18*	
08 51 13 00-0138		3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0127)*		
08 51 13 00-0139	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	574.99	93.62
		For Installation In Concrete Or Masonry, Add	*41.68*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.38*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.14*	
		For Clear Anodized Finish, Add	*20.95*	
		For Color Anodized Finish, Add	*29.33*	
08 51 13 00-0140	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	635.44	99.47
		For Installation In Concrete Or Masonry, Add	*44.90*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.18*	
		For Clear Anodized Finish, Add	*23.48*	
		For Color Anodized Finish, Add	*32.88*	
08 51 13 00-0141	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	705.16	105.32
		For Installation In Concrete Or Masonry, Add	*48.35*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.78*	
		For Clear Anodized Finish, Add	*26.48*	
		For Color Anodized Finish, Add	*37.07*	
08 51 13 00-0142	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	41.16	3.51
		For Installation In Concrete Or Masonry, Add	*2.05*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.71*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.12*	
		For Clear Anodized Finish, Add	*1.77*	
		For Color Anodized Finish, Add	*2.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0143		3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0127)*		
08 51 13 00-0144	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600)	606.49	93.62
		For Installation In Concrete Or Masonry, Add	*42.47*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*27.03*	
		For Clear Anodized Finish, Add	*22.52*	
		For Color Anodized Finish, Add	*31.53*	
08 51 13 00-0145	EA	>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	672.14	99.47
		For Installation In Concrete Or Masonry, Add	*45.82*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.13*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.38*	
		For Clear Anodized Finish, Add	*25.32*	
		For Color Anodized Finish, Add	*35.44*	
08 51 13 00-0146	EA	>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	747.91	105.32
		For Installation In Concrete Or Masonry, Add	*49.42*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.45*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.34*	
		For Clear Anodized Finish, Add	*28.62*	
		For Color Anodized Finish, Add	*40.07*	
08 51 13 00-0147	SF	>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	44.01	3.51
		For Installation In Concrete Or Masonry, Add	*2.12*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.76*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.29*	
		For Clear Anodized Finish, Add	*1.91*	
		For Color Anodized Finish, Add	*2.67*	
08 51 13 00-0148		4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0127)*		
08 51 13 00-0149	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	602.43	93.62
		For Installation In Concrete Or Masonry, Add	*42.37*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.78*	
		For Clear Anodized Finish, Add	*22.32*	
		For Color Anodized Finish, Add	*31.25*	
08 51 13 00-0150	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	667.41	99.47
		For Installation In Concrete Or Masonry, Add	*45.70*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*30.10*	
		For Clear Anodized Finish, Add	*25.08*	
		For Color Anodized Finish, Add	*35.11*	
08 51 13 00-0151	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	742.39	105.32
		For Installation In Concrete Or Masonry, Add	*49.28*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.34*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.01*	
		For Clear Anodized Finish, Add	*28.34*	
		For Color Anodized Finish, Add	*39.68*	
08 51 13 00-0152	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	43.64	3.51
		For Installation In Concrete Or Masonry, Add	*2.11*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.76*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.27*	
		For Clear Anodized Finish, Add	*1.89*	
		For Color Anodized Finish, Add	*2.65*	
08 51 13 00-0153		Fixed Over Vent, Projected Aluminum Windows *(08 51 13 00-0126)*		
08 51 13 00-0154		2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) *(08 51 13 00-0153)*		
08 51 13 00-0155	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	540.44	93.62
		For Installation In Concrete Or Masonry, Add	*40.82*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.69*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.06*	
		For Clear Anodized Finish, Add	*19.22*	
		For Color Anodized Finish, Add	*26.91*	
08 51 13 00-0156	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	595.20	99.47
		For Installation In Concrete Or Masonry, Add	*43.89*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*25.76*	
		For Clear Anodized Finish, Add	*21.47*	
		For Color Anodized Finish, Add	*30.06*	
08 51 13 00-0157	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	658.26	105.32
		For Installation In Concrete Or Masonry, Add	*47.18*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*28.96*	
		For Clear Anodized Finish, Add	*24.14*	
		For Color Anodized Finish, Add	*33.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0158	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	37.98	3.51
		For Installation In Concrete Or Masonry, Add	*1.97*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.64*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.93*	
		For Clear Anodized Finish, Add	*1.61*	
		For Color Anodized Finish, Add	*2.25*	

08 51 13 00-0159 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) *(08 51 13 00-0153)*

08 51 13 00-0160	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	733.52	93.62
		For Installation In Concrete Or Masonry, Add	*45.65*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.55*	
		For 70% Fluoropolymer Finish (Duranar), Add	*34.65*	
		For Clear Anodized Finish, Add	*28.87*	
		For Color Anodized Finish, Add	*40.42*	
08 51 13 00-0161	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	820.13	99.47
		For Installation In Concrete Or Masonry, Add	*49.52*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.09*	
		For 70% Fluoropolymer Finish (Duranar), Add	*39.26*	
		For Clear Anodized Finish, Add	*32.72*	
		For Color Anodized Finish, Add	*45.80*	
08 51 13 00-0162	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	920.31	105.32
		For Installation In Concrete Or Masonry, Add	*53.73*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.90*	
		For 70% Fluoropolymer Finish (Duranar), Add	*44.69*	
		For Clear Anodized Finish, Add	*37.24*	
		For Color Anodized Finish, Add	*52.13*	
08 51 13 00-0163	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	55.50	3.51
		For Installation In Concrete Or Masonry, Add	*2.41*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.99*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.98*	
		For Clear Anodized Finish, Add	*2.48*	
		For Color Anodized Finish, Add	*3.48*	

08 51 13 00-0164 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) *(08 51 13 00-0153)*

08 51 13 00-0165	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	774.16	93.62
		For Installation In Concrete Or Masonry, Add	*46.66*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.36*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.09*	
		For Clear Anodized Finish, Add	*30.91*	
		For Color Anodized Finish, Add	*43.27*	
08 51 13 00-0166	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	867.48	99.47
		For Installation In Concrete Or Masonry, Add	*50.70*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*14.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*42.10*	
		For Clear Anodized Finish, Add	*35.08*	
		For Color Anodized Finish, Add	*49.12*	
08 51 13 00-0167	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	975.47	105.32
		For Installation In Concrete Or Masonry, Add	*55.11*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*16.00*	
		For 70% Fluoropolymer Finish (Duranar), Add	*48.00*	
		For Clear Anodized Finish, Add	*40.00*	
		For Color Anodized Finish, Add	*55.99*	
08 51 13 00-0168	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	59.09	3.51
		For Installation In Concrete Or Masonry, Add	*2.50*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.19*	
		For Clear Anodized Finish, Add	*2.66*	
		For Color Anodized Finish, Add	*3.73*	

08 51 13 00-0169 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) *(08 51 13 00-0153)*

08 51 13 00-0170	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	770.11	93.62
		For Installation In Concrete Or Masonry, Add	*46.56*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.28*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.84*	
		For Clear Anodized Finish, Add	*30.70*	
		For Color Anodized Finish, Add	*42.98*	
08 51 13 00-0171	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	862.74	99.47
		For Installation In Concrete Or Masonry, Add	*50.58*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.94*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.82*	
		For Clear Anodized Finish, Add	*34.85*	
		For Color Anodized Finish, Add	*48.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0172	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	969.96	105.32
		For Installation In Concrete Or Masonry, Add	*54.97*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.89*	
		For 70% Fluoropolymer Finish (Duranar), Add	*47.66*	
		For Clear Anodized Finish, Add	*39.72*	
		For Color Anodized Finish, Add	*55.61*	
08 51 13 00-0173	SF	>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	58.81	3.51
		For Installation In Concrete Or Masonry, Add	*2.49*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.18*	
		For Clear Anodized Finish, Add	*2.65*	
		For Color Anodized Finish, Add	*3.71*	
08 51 13 00-0174		4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) *(08 51 13 00-0153)*		
08 51 13 00-0175	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	833.11	93.62
		For Installation In Concrete Or Masonry, Add	*48.13*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.54*	
		For 70% Fluoropolymer Finish (Duranar), Add	*40.62*	
		For Clear Anodized Finish, Add	*33.85*	
		For Color Anodized Finish, Add	*47.39*	
08 51 13 00-0176	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	936.14	99.47
		For Installation In Concrete Or Masonry, Add	*52.42*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.41*	
		For 70% Fluoropolymer Finish (Duranar), Add	*46.22*	
		For Clear Anodized Finish, Add	*38.52*	
		For Color Anodized Finish, Add	*53.92*	
08 51 13 00-0177	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	1,055.47	105.32
		For Installation In Concrete Or Masonry, Add	*57.11*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.60*	
		For 70% Fluoropolymer Finish (Duranar), Add	*52.80*	
		For Clear Anodized Finish, Add	*44.00*	
		For Color Anodized Finish, Add	*61.59*	
08 51 13 00-0178	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	64.47	3.51
		For Installation In Concrete Or Masonry, Add	*2.64*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.17*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.52*	
		For Clear Anodized Finish, Add	*2.93*	
		For Color Anodized Finish, Add	*4.10*	
08 51 13 00-0179		Casement Aluminum Windows *(08 51 13 00-0001)*		
08 51 13 00-0180		Single Vent, Casement Aluminum Windows *(08 51 13 00-0179)*		
08 51 13 00-0181		2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0180)*		
08 51 13 00-0182	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	457.12	93.62
		For Installation In Concrete Or Masonry, Add	*38.74*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.02*	
		For 70% Fluoropolymer Finish (Duranar), Add	*18.06*	
		For Clear Anodized Finish, Add	*15.05*	
		For Color Anodized Finish, Add	*21.08*	
08 51 13 00-0183	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	498.12	99.47
		For Installation In Concrete Or Masonry, Add	*41.47*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*6.65*	
		For 70% Fluoropolymer Finish (Duranar), Add	*19.94*	
		For Clear Anodized Finish, Add	*16.62*	
		For Color Anodized Finish, Add	*23.26*	
08 51 13 00-0184	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	545.17	105.32
		For Installation In Concrete Or Masonry, Add	*44.35*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.39*	
		For 70% Fluoropolymer Finish (Duranar), Add	*22.18*	
		For Clear Anodized Finish, Add	*18.48*	
		For Color Anodized Finish, Add	*25.87*	
08 51 13 00-0185	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	30.50	3.51
		For Installation In Concrete Or Masonry, Add	*1.79*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.49*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.48*	
		For Clear Anodized Finish, Add	*1.23*	
		For Color Anodized Finish, Add	*1.73*	
08 51 13 00-0186		2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0180)*		
08 51 13 00-0187	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	642.06	93.62
		For Installation In Concrete Or Masonry, Add	*43.36*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.72*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.16*	
		For Clear Anodized Finish, Add	*24.30*	
		For Color Anodized Finish, Add	*34.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0188	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	713.57	99.47
		For Installation In Concrete Or Masonry, Add	*46.85*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.96*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.87*	
		For Clear Anodized Finish, Add	*27.39*	
		For Color Anodized Finish, Add	*38.34*	
08 51 13 00-0189	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	796.18	105.32
		For Installation In Concrete Or Masonry, Add	*50.63*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.41*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.24*	
		For Clear Anodized Finish, Add	*31.03*	
		For Color Anodized Finish, Add	*43.44*	
08 51 13 00-0190	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	47.23	3.51
		For Installation In Concrete Or Masonry, Add	*2.20*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.83*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.48*	
		For Clear Anodized Finish, Add	*2.07*	
		For Color Anodized Finish, Add	*2.90*	

08 51 13 00-0191 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0180)*

08 51 13 00-0192	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	645.11	93.62
		For Installation In Concrete Or Masonry, Add	*43.43*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*9.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*29.34*	
		For Clear Anodized Finish, Add	*24.45*	
		For Color Anodized Finish, Add	*34.23*	
08 51 13 00-0193	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	717.13	99.47
		For Installation In Concrete Or Masonry, Add	*46.94*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.03*	
		For 70% Fluoropolymer Finish (Duranar), Add	*33.08*	
		For Clear Anodized Finish, Add	*27.57*	
		For Color Anodized Finish, Add	*38.59*	
08 51 13 00-0194	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	800.32	105.32
		For Installation In Concrete Or Masonry, Add	*50.73*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.50*	
		For 70% Fluoropolymer Finish (Duranar), Add	*37.49*	
		For Clear Anodized Finish, Add	*31.24*	
		For Color Anodized Finish, Add	*43.73*	
08 51 13 00-0195	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	47.50	3.51
		For Installation In Concrete Or Masonry, Add	*2.21*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.83*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.50*	
		For Clear Anodized Finish, Add	*2.08*	
		For Color Anodized Finish, Add	*2.92*	

08 51 13 00-0196 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0180)*

08 51 13 00-0197	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	676.61	93.62
		For Installation In Concrete Or Masonry, Add	*44.22*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.41*	
		For 70% Fluoropolymer Finish (Duranar), Add	*31.23*	
		For Clear Anodized Finish, Add	*26.03*	
		For Color Anodized Finish, Add	*36.44*	
08 51 13 00-0198	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	753.83	99.47
		For Installation In Concrete Or Masonry, Add	*47.86*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*11.76*	
		For 70% Fluoropolymer Finish (Duranar), Add	*35.28*	
		For Clear Anodized Finish, Add	*29.40*	
		For Color Anodized Finish, Add	*41.16*	
08 51 13 00-0199	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	843.07	105.32
		For Installation In Concrete Or Masonry, Add	*51.80*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.35*	
		For 70% Fluoropolymer Finish (Duranar), Add	*40.05*	
		For Clear Anodized Finish, Add	*33.38*	
		For Color Anodized Finish, Add	*46.73*	
08 51 13 00-0200	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	50.36	3.51
		For Installation In Concrete Or Masonry, Add	*2.28*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.89*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.67*	
		For Clear Anodized Finish, Add	*2.23*	
		For Color Anodized Finish, Add	*3.12*	

08 51 13 00-0201 Fixed Over Vent, Casement Aluminum Windows *(08 51 13 00-0179)*

08 51 13 00-0202 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) *(08 51 13 00-0201)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0203	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	513.01	93.62
		For Installation In Concrete Or Masonry, Add	*40.13*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.14*	
		For 70% Fluoropolymer Finish (Duranar), Add	*21.42*	
		For Clear Anodized Finish, Add	*17.85*	
		For Color Anodized Finish, Add	*24.99*	
08 51 13 00-0204	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	563.23	99.47
		For Installation In Concrete Or Masonry, Add	*43.09*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*7.95*	
		For 70% Fluoropolymer Finish (Duranar), Add	*23.85*	
		For Clear Anodized Finish, Add	*19.87*	
		For Color Anodized Finish, Add	*27.82*	
08 51 13 00-0205	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	621.03	105.32
		For Installation In Concrete Or Masonry, Add	*46.25*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*8.91*	
		For 70% Fluoropolymer Finish (Duranar), Add	*26.73*	
		For Clear Anodized Finish, Add	*22.27*	
		For Color Anodized Finish, Add	*31.18*	
08 51 13 00-0206	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	35.54	3.51
		For Installation In Concrete Or Masonry, Add	*1.91*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.59*	
		For 70% Fluoropolymer Finish (Duranar), Add	*1.78*	
		For Clear Anodized Finish, Add	*1.48*	
		For Color Anodized Finish, Add	*2.08*	

08 51 13 00-0207 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) *(08 51 13 00-0201)*

08 51 13 00-0208	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	697.95	93.62
		For Installation In Concrete Or Masonry, Add	*44.76*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*10.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*32.51*	
		For Clear Anodized Finish, Add	*27.10*	
		For Color Anodized Finish, Add	*37.93*	
08 51 13 00-0209	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	778.68	99.47
		For Installation In Concrete Or Masonry, Add	*48.48*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.26*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.77*	
		For Clear Anodized Finish, Add	*30.64*	
		For Color Anodized Finish, Add	*42.90*	
08 51 13 00-0210	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	872.04	105.32
		For Installation In Concrete Or Masonry, Add	*52.52*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.79*	
		For Clear Anodized Finish, Add	*34.82*	
		For Color Anodized Finish, Add	*48.75*	
08 51 13 00-0211	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	52.29	3.51
		For Installation In Concrete Or Masonry, Add	*2.33*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*2.79*	
		For Clear Anodized Finish, Add	*2.32*	
		For Color Anodized Finish, Add	*3.25*	

08 51 13 00-0212 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) *(08 51 13 00-0201)*

08 51 13 00-0213	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	766.04	93.62
		For Installation In Concrete Or Masonry, Add	*46.46*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*12.20*	
		For 70% Fluoropolymer Finish (Duranar), Add	*36.60*	
		For Clear Anodized Finish, Add	*30.50*	
		For Color Anodized Finish, Add	*42.70*	
08 51 13 00-0214	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	858.01	99.47
		For Installation In Concrete Or Masonry, Add	*50.46*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.84*	
		For 70% Fluoropolymer Finish (Duranar), Add	*41.53*	
		For Clear Anodized Finish, Add	*34.61*	
		For Color Anodized Finish, Add	*48.46*	
08 51 13 00-0215	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	964.44	105.32
		For Installation In Concrete Or Masonry, Add	*54.83*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.78*	
		For 70% Fluoropolymer Finish (Duranar), Add	*47.33*	
		For Clear Anodized Finish, Add	*39.44*	
		For Color Anodized Finish, Add	*55.22*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0216	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	58.44	3.51
		For Installation In Concrete Or Masonry, Add	*2.48*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.05*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.16*	
		For Clear Anodized Finish, Add	*2.63*	
		For Color Anodized Finish, Add	*3.68*	

08 51 13 00-0217 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) *(08 51 13 00-0201)*

08 51 13 00-0218	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	828.02	93.62
		For Installation In Concrete Or Masonry, Add	*48.01*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*13.44*	
		For 70% Fluoropolymer Finish (Duranar), Add	*40.32*	
		For Clear Anodized Finish, Add	*33.60*	
		For Color Anodized Finish, Add	*47.04*	
08 51 13 00-0219	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	930.23	99.47
		For Installation In Concrete Or Masonry, Add	*52.27*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*15.29*	
		For 70% Fluoropolymer Finish (Duranar), Add	*45.87*	
		For Clear Anodized Finish, Add	*38.22*	
		For Color Anodized Finish, Add	*53.51*	
08 51 13 00-0220	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,048.57	105.32
		For Installation In Concrete Or Masonry, Add	*56.94*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*17.46*	
		For 70% Fluoropolymer Finish (Duranar), Add	*52.38*	
		For Clear Anodized Finish, Add	*43.65*	
		For Color Anodized Finish, Add	*61.11*	
08 51 13 00-0221	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	64.05	3.51
		For Installation In Concrete Or Masonry, Add	*2.63*	
		For 50% Fluoropolymer Finish (Acrynar), Add	*1.16*	
		For 70% Fluoropolymer Finish (Duranar), Add	*3.49*	
		For Clear Anodized Finish, Add	*2.91*	
		For Color Anodized Finish, Add	*4.07*	

08 51 13 00-0222 Aluminum Window Accessories *(08 51 13)*

08 51 13 00-0223 Aluminum Window Mullions *(08 51 13 00-0222)*

08 51 13 00-0224	LF	Integral Mullions For Aluminum Windows	16.90	4.38
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.18*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.53*	
		For Clear Anodized Finish, Add	*0.44*	
		For Color Anodized Finish, Add	*0.61*	

08 51 13 00-0225 Aluminum Window Panning *(08 51 13 00-0222)*

Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.

08 51 13 00-0226	EA	Up To 6 SF Window, Aluminum Window Panning	164.03	35.98
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.08*	
		For 70% Fluoropolymer Finish (Duranar), Add	*6.24*	
		For Clear Anodized Finish, Add	*5.20*	
		For Color Anodized Finish, Add	*7.28*	
08 51 13 00-0227	EA	>6 To 10 SF Window, Aluminum Window Panning	234.09	59.96
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.68*	
		For 70% Fluoropolymer Finish (Duranar), Add	*8.05*	
		For Clear Anodized Finish, Add	*6.71*	
		For Color Anodized Finish, Add	*9.39*	
08 51 13 00-0228	EA	>10 To 15 SF Window, Aluminum Window Panning	296.59	89.93
		For 50% Fluoropolymer Finish (Acrynar), Add	*2.93*	
		For 70% Fluoropolymer Finish (Duranar), Add	*8.80*	
		For Clear Anodized Finish, Add	*7.33*	
		For Color Anodized Finish, Add	*10.27*	
08 51 13 00-0229	EA	>15 To 20 SF Window, Aluminum Window Panning	361.60	119.92
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.23*	
		For 70% Fluoropolymer Finish (Duranar), Add	*9.70*	
		For Clear Anodized Finish, Add	*8.09*	
		For Color Anodized Finish, Add	*11.32*	
08 51 13 00-0230	EA	>20 To 30 SF Window, Aluminum Window Panning	490.37	179.88
		For 50% Fluoropolymer Finish (Acrynar), Add	*3.81*	
		For 70% Fluoropolymer Finish (Duranar), Add	*11.43*	
		For Clear Anodized Finish, Add	*9.53*	
		For Color Anodized Finish, Add	*13.34*	
08 51 13 00-0231	SF	>30 SF Window, Aluminum Window Panning	18.46	7.50
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.12*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.36*	
		For Clear Anodized Finish, Add	*0.30*	
		For Color Anodized Finish, Add	*0.42*	

08 51 13 00-0232 Aluminum Window Muntins, Grilles Or Dividers *(08 51 13 00-0222)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0233	SF	Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows	6.41	4.38
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.01*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.03*	
		For Clear Anodized Finish, Add	*0.03*	
		For Color Anodized Finish, Add	*0.04*	
08 51 13 00-0234	SF	Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows	8.04	4.38
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.04*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.13*	
		For Clear Anodized Finish, Add	*0.11*	
		For Color Anodized Finish, Add	*0.15*	
08 51 13 00-0235	SF	Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	17.76	4.38
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.06*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.19*	
		For Clear Anodized Finish, Add	*0.16*	
		For Color Anodized Finish, Add	*0.22*	
08 51 13 00-0236	SF	True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	20.97	4.38
		For 50% Fluoropolymer Finish (Acrynar), Add	*0.09*	
		For 70% Fluoropolymer Finish (Duranar), Add	*0.26*	
		For Clear Anodized Finish, Add	*0.22*	
		For Color Anodized Finish, Add	*0.31*	

08 51 13 00-0237 Other Aluminum Window Accessories *(08 51 13 00-0222)*

08 51 13 00-0238	EA	Roto Operator For Casement Aluminum Windows	118.55	19.50
08 51 13 00-0239	EA	Head And Sill Automatic Locks For Hung Aluminum Windows	63.38	19.50

08 51 19 Stainless-Steel Windows *(08 51)*

See CSI section 08 80 00 00-0000 for glazing.

08 51 19 00-0001 Stainless Steel Windows Types *(08 51 19)*

08 51 19 00-0002 Industrial *(08 51 19 00-0001)*

08 51 19 00-0003	SF	Stainless Steel Window With Horizontal Pivot Sash	83.08	5.85
		For Heavy Commercial Grade (HC-40), Add	*34.46*	
		For Non Stock Custom Sizes, Add	*7.33*	
		For Installation In Concrete Or Masonry, Add	*3.78*	
08 51 19 00-0004	SF	Stainless Steel Window, Fixed Sash	62.39	5.85
		For Heavy Commercial Grade (HC-40), Add	*25.15*	
		For Non Stock Custom Sizes, Add	*5.26*	
		For Installation In Concrete Or Masonry, Add	*3.27*	

08 51 19 00-0005 Projected Sash *(08 51 19 00-0001)*

08 51 19 00-0006	SF	Commercial Projected Sash Window - 40% Vented Stainless Steel	86.94	5.85
		For Heavy Commercial Grade (HC-40), Add	*36.20*	
		For Non Stock Custom Sizes, Add	*7.72*	
		For Installation In Concrete Or Masonry, Add	*3.88*	
08 51 19 00-0007	SF	Intermediate Projected Sash Window - 40% Vented Stainless Steel	96.09	5.85
		For Heavy Commercial Grade (HC-40), Add	*40.32*	
		For Non Stock Custom Sizes, Add	*8.63*	
		For Installation In Concrete Or Masonry, Add	*4.11*	

08 51 19 00-0008 Other Type Sash *(08 51 19 00-0001)*

08 51 19 00-0009	SF	Double Hung Stainless Steel Window Sash	105.22	5.85
		For Heavy Commercial Grade (HC-40), Add	*44.42*	
		For Non Stock Custom Sizes, Add	*9.55*	
		For Installation In Concrete Or Masonry, Add	*4.34*	
08 51 19 00-0010	SF	Single Hung Stainless Steel Window Sash	74.13	5.85
		For Heavy Commercial Grade (HC-40), Add	*30.43*	
		For Non Stock Custom Sizes, Add	*6.44*	
		For Installation In Concrete Or Masonry, Add	*3.56*	
08 51 19 00-0011	SF	Stainless Steel Picture Window Sash	61.77	5.85
		For Heavy Commercial Grade (HC-40), Add	*24.87*	
		For Non Stock Custom Sizes, Add	*5.20*	
		For Installation In Concrete Or Masonry, Add	*3.25*	
08 51 19 00-0012	SF	Sliding Stainless Steel Window	108.57	5.85
		For Heavy Commercial Grade (HC-40), Add	*45.93*	
		For Non Stock Custom Sizes, Add	*9.88*	
		For Installation In Concrete Or Masonry, Add	*4.42*	

08 51 19 00-0013 Casements *(08 51 19 00-0001)*

08 51 19 00-0014	SF	Stainless Steel Window Casements, 100% Vented Operable, Factory Primed	94.19	5.85
		For Heavy Commercial Grade (HC-40), Add	*39.46*	
		For Non Stock Custom Sizes, Add	*8.44*	
		For Installation In Concrete Or Masonry, Add	*4.06*	
08 51 19 00-0015	SF	Stainless Steel Window Casements, 50% Vented Operable, Factory Primed	81.33	5.85
		For Heavy Commercial Grade (HC-40), Add	*33.67*	
		For Non Stock Custom Sizes, Add	*7.16*	
		For Installation In Concrete Or Masonry, Add	*3.74*	
08 51 19 00-0016	SF	Stainless Steel Window Casements, Fixed Sash, Factory Primed	57.06	5.85
		For Heavy Commercial Grade (HC-40), Add	*22.75*	
		For Non Stock Custom Sizes, Add	*4.73*	
		For Installation In Concrete Or Masonry, Add	*3.13*	

08 51 23 Steel Windows *(08 51)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.		
08 51 23 00-0001		Steel Windows *(08 51 23)*		
08 51 23 00-0002		Industrial *(08 51 23 00-0001)*		
08 51 23 00-0003	SF	Industrial Steel Window With Horizontal Pivot Sash	43.59	5.85
		For Double Glazing Sash, Add	*20.89*	
		For Bonderized Finish, Add	*12.86*	
		For Installation In Concrete Or Masonry, Add	*2.80*	
08 51 23 00-0004	SF	Industrial Steel Window, Fixed Sash	39.25	5.85
		For Double Glazing Sash, Add	*18.29*	
		For Bonderized Finish, Add	*11.21*	
		For Installation In Concrete Or Masonry, Add	*2.69*	
08 51 23 00-0005	SF	Industrial Steel Window, Operable Security Sash	61.37	5.85
		For Double Glazing Sash, Add	*31.56*	
		For Bonderized Finish, Add	*19.62*	
		For Installation In Concrete Or Masonry, Add	*3.24*	
08 51 23 00-0006	SF	Industrial Steel Window, Fixed Security Sash	52.70	5.85
		For Double Glazing Sash, Add	*26.36*	
		For Bonderized Finish, Add	*16.32*	
		For Installation In Concrete Or Masonry, Add	*3.02*	
08 51 23 00-0007		Projected Sash *(08 51 23 00-0001)*		
08 51 23 00-0008	SF	Commercial Projected Sash Window - 40% Vented Steel	50.05	5.85
		For Double Glazing Sash, Add	*24.77*	
		For Bonderized Finish, Add	*15.31*	
		For Installation In Concrete Or Masonry, Add	*2.96*	
08 51 23 00-0009	SF	Intermediate Projected Sash Window - 40% Vented Steel	54.82	5.85
		For Double Glazing Sash, Add	*27.63*	
		For Bonderized Finish, Add	*17.13*	
		For Installation In Concrete Or Masonry, Add	*3.08*	
08 51 23 00-0010		Other Type Sash *(08 51 23 00-0001)*		
08 51 23 00-0011	SF	Double Hung Steel Window Sash	63.24	5.85
		For Double Glazing Sash, Add	*32.68*	
		For Bonderized Finish, Add	*20.33*	
		For Installation In Concrete Or Masonry, Add	*3.29*	
08 51 23 00-0012	SF	Steel Picture Window Sash	29.28	5.85
		For Double Glazing Sash, Add	*12.30*	
		For Bonderized Finish, Add	*7.42*	
		For Installation In Concrete Or Masonry, Add	*2.44*	
08 51 23 00-0013	SF	Fire Rated Double Hung Steel Window Sash	65.12	7.31
		For Double Glazing Sash, Add	*33.81*	
		For Bonderized Finish, Add	*21.04*	
		For Installation In Concrete Or Masonry, Add	*3.33*	
08 51 23 00-0014	SF	Single Hung Steel Window Sash	45.83	5.85
		For Double Glazing Sash, Add	*22.23*	
		For Bonderized Finish, Add	*13.71*	
		For Installation In Concrete Or Masonry, Add	*2.85*	
08 51 23 00-0015		Casements *(08 51 23 00-0001)*		
08 51 23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed	57.08	2.93
		For Double Glazing Sash, Add	*28.98*	
		For Bonderized Finish, Add	*17.99*	
		For Installation In Concrete Or Masonry, Add	*3.13*	
08 51 23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed	49.87	2.93
		For Double Glazing Sash, Add	*24.66*	
		For Bonderized Finish, Add	*15.25*	
		For Installation In Concrete Or Masonry, Add	*2.95*	
08 51 23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed	36.26	4.38
		For Double Glazing Sash, Add	*16.49*	
		For Bonderized Finish, Add	*10.07*	
		For Installation In Concrete Or Masonry, Add	*2.61*	
08 51 23 00-0019		Mullions *(08 51 23 00-0001)*		
08 51 23 00-0020	LF	Open Faced Steel Mullion	22.41	4.38
08 51 23 00-0021	LF	Covered Steel Mullions	36.04	4.38
08 51 23 00-0022		Removal And Reinstallation Of Metal Window And Frame *(08 51 23)*		
		Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.		
08 51 23 00-0023	SF	Removal And Reinstallation Of Metal Window And Frame	15.04	

08 52 Wood Windows *(08 50)*

08 52 11 Wood Windows *(08 52)*

08 52 11 00-0001 Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11)*
Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.

08 52 11 00-0002 30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	249.87	
		For Low-E Insulated Glass, Add	*18.54*	
		For Aluminum Clad Exterior, Add	*19.87*	
08 52 11 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	264.85	
		For Low-E Insulated Glass, Add	*19.88*	
		For Aluminum Clad Exterior, Add	*21.30*	
08 52 11 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	280.80	
		For Low-E Insulated Glass, Add	*21.34*	
		For Aluminum Clad Exterior, Add	*22.87*	
08 52 11 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	289.25	
		For Low-E Insulated Glass, Add	*22.14*	
		For Aluminum Clad Exterior, Add	*23.73*	
08 52 11 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	296.75	
		For Low-E Insulated Glass, Add	*22.81*	
		For Aluminum Clad Exterior, Add	*24.44*	
08 52 11 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	306.15	
		For Low-E Insulated Glass, Add	*23.75*	
		For Aluminum Clad Exterior, Add	*25.44*	
08 52 11 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	310.81	
		For Low-E Insulated Glass, Add	*24.02*	
		For Aluminum Clad Exterior, Add	*25.73*	
08 52 11 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	329.58	
		For Low-E Insulated Glass, Add	*25.88*	
		For Aluminum Clad Exterior, Add	*27.73*	
08 52 11 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	345.52	
		For Low-E Insulated Glass, Add	*27.35*	
		For Aluminum Clad Exterior, Add	*29.30*	

08 52 11 00-0012 34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	264.85	
		For Low-E Insulated Glass, Add	*19.88*	
		For Aluminum Clad Exterior, Add	*21.30*	
08 52 11 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	280.80	
		For Low-E Insulated Glass, Add	*21.34*	
		For Aluminum Clad Exterior, Add	*22.87*	
08 52 11 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	294.02	
		For Low-E Insulated Glass, Add	*22.81*	
		For Aluminum Clad Exterior, Add	*24.44*	
08 52 11 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	306.15	
		For Low-E Insulated Glass, Add	*23.75*	
		For Aluminum Clad Exterior, Add	*25.44*	
08 52 11 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	313.64	
		For Low-E Insulated Glass, Add	*24.41*	
		For Aluminum Clad Exterior, Add	*26.16*	
08 52 11 00-0018	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	322.09	
		For Low-E Insulated Glass, Add	*25.21*	
		For Aluminum Clad Exterior, Add	*27.01*	
08 52 11 00-0019	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	329.58	
		For Low-E Insulated Glass, Add	*25.88*	
		For Aluminum Clad Exterior, Add	*27.73*	
08 52 11 00-0020	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	345.52	
		For Low-E Insulated Glass, Add	*27.35*	
		For Aluminum Clad Exterior, Add	*29.30*	
08 52 11 00-0021	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	361.47	
		For Low-E Insulated Glass, Add	*28.81*	
		For Aluminum Clad Exterior, Add	*30.87*	

08 52 11 00-0022 36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0023	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	271.94	
		For Low-E Insulated Glass, Add	*20.68*	
		For Aluminum Clad Exterior, Add	*22.15*	
08 52 11 00-0024	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	287.88	
		For Low-E Insulated Glass, Add	*22.14*	
		For Aluminum Clad Exterior, Add	*23.73*	
08 52 11 00-0025	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	304.78	
		For Low-E Insulated Glass, Add	*23.75*	
		For Aluminum Clad Exterior, Add	*25.44*	
08 52 11 00-0026	EA	30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	312.27	
		For Low-E Insulated Glass, Add	*24.41*	
		For Aluminum Clad Exterior, Add	*26.16*	
08 52 11 00-0027	EA	32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	320.72	
		For Low-E Insulated Glass, Add	*25.21*	
		For Aluminum Clad Exterior, Add	*27.01*	
08 52 11 00-0028	EA	34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	328.21	
		For Low-E Insulated Glass, Add	*25.88*	
		For Aluminum Clad Exterior, Add	*27.73*	
08 52 11 00-0029	EA	36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	336.67	
		For Low-E Insulated Glass, Add	*26.68*	
		For Aluminum Clad Exterior, Add	*28.59*	
08 52 11 00-0030	EA	40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	351.66	
		For Low-E Insulated Glass, Add	*28.01*	
		For Aluminum Clad Exterior, Add	*30.02*	
08 52 11 00-0031	EA	44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	367.60	
		For Low-E Insulated Glass, Add	*29.48*	
		For Aluminum Clad Exterior, Add	*31.59*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0032		38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0033	EA	20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	282.17	
		For Low-E Insulated Glass, Add	*21.34*	
		For Aluminum Clad Exterior, Add	*22.87*	
08 52 11 00-0034	EA	24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	298.11	
		For Low-E Insulated Glass, Add	*22.81*	
		For Aluminum Clad Exterior, Add	*24.44*	
08 52 11 00-0035	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	315.00	
		For Low-E Insulated Glass, Add	*24.41*	
		For Aluminum Clad Exterior, Add	*26.16*	
08 52 11 00-0036	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	323.45	
		For Low-E Insulated Glass, Add	*25.21*	
		For Aluminum Clad Exterior, Add	*27.01*	
08 52 11 00-0037	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	330.95	
		For Low-E Insulated Glass, Add	*25.88*	
		For Aluminum Clad Exterior, Add	*27.73*	
08 52 11 00-0038	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	339.39	
		For Low-E Insulated Glass, Add	*26.68*	
		For Aluminum Clad Exterior, Add	*28.59*	
08 52 11 00-0039	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	346.89	
		For Low-E Insulated Glass, Add	*27.35*	
		For Aluminum Clad Exterior, Add	*29.30*	
08 52 11 00-0040	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	362.84	
		For Low-E Insulated Glass, Add	*28.81*	
		For Aluminum Clad Exterior, Add	*30.87*	
08 52 11 00-0041	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	378.78	
		For Low-E Insulated Glass, Add	*30.28*	
		For Aluminum Clad Exterior, Add	*32.45*	
08 52 11 00-0042		46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0043	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	313.64	
		For Low-E Insulated Glass, Add	*24.41*	
		For Aluminum Clad Exterior, Add	*26.16*	
08 52 11 00-0044	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	329.58	
		For Low-E Insulated Glass, Add	*25.88*	
		For Aluminum Clad Exterior, Add	*27.73*	
08 52 11 00-0045	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	345.52	
		For Low-E Insulated Glass, Add	*27.35*	
		For Aluminum Clad Exterior, Add	*29.30*	
08 52 11 00-0046	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	353.02	
		For Low-E Insulated Glass, Add	*28.01*	
		For Aluminum Clad Exterior, Add	*30.02*	
08 52 11 00-0047	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	361.47	
		For Low-E Insulated Glass, Add	*28.81*	
		For Aluminum Clad Exterior, Add	*30.87*	
08 52 11 00-0048	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	368.96	
		For Low-E Insulated Glass, Add	*29.48*	
		For Aluminum Clad Exterior, Add	*31.59*	
08 52 11 00-0049	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	377.41	
		For Low-E Insulated Glass, Add	*30.28*	
		For Aluminum Clad Exterior, Add	*32.45*	
08 52 11 00-0050	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	393.35	
		For Low-E Insulated Glass, Add	*31.75*	
		For Aluminum Clad Exterior, Add	*34.02*	
08 52 11 00-0051	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	410.25	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.73*	
08 52 11 00-0052		48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0053	EA	20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	320.72	
		For Low-E Insulated Glass, Add	*25.21*	
		For Aluminum Clad Exterior, Add	*27.01*	
08 52 11 00-0054	EA	24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	336.67	
		For Low-E Insulated Glass, Add	*26.68*	
		For Aluminum Clad Exterior, Add	*28.59*	
08 52 11 00-0055	EA	28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	351.66	
		For Low-E Insulated Glass, Add	*28.01*	
		For Aluminum Clad Exterior, Add	*30.02*	
08 52 11 00-0056	EA	30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	360.10	
		For Low-E Insulated Glass, Add	*28.81*	
		For Aluminum Clad Exterior, Add	*30.87*	
08 52 11 00-0057	EA	32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	367.60	
		For Low-E Insulated Glass, Add	*29.48*	
		For Aluminum Clad Exterior, Add	*31.59*	
08 52 11 00-0058	EA	34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	376.05	
		For Low-E Insulated Glass, Add	*30.28*	
		For Aluminum Clad Exterior, Add	*32.45*	
08 52 11 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	383.54	
		For Low-E Insulated Glass, Add	*30.95*	
		For Aluminum Clad Exterior, Add	*33.16*	
08 52 11 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	400.44	
		For Low-E Insulated Glass, Add	*32.55*	
		For Aluminum Clad Exterior, Add	*34.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	416.38	
		For Low-E Insulated Glass, Add	*34.02*	
		For Aluminum Clad Exterior, Add	*36.45*	
08 52 11 00-0062		50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	330.95	
		For Low-E Insulated Glass, Add	*25.88*	
		For Aluminum Clad Exterior, Add	*27.73*	
08 52 11 00-0064	EA	24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	346.89	
		For Low-E Insulated Glass, Add	*27.35*	
		For Aluminum Clad Exterior, Add	*29.30*	
08 52 11 00-0065	EA	28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	362.84	
		For Low-E Insulated Glass, Add	*28.81*	
		For Aluminum Clad Exterior, Add	*30.87*	
08 52 11 00-0066	EA	30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	370.33	
		For Low-E Insulated Glass, Add	*29.48*	
		For Aluminum Clad Exterior, Add	*31.59*	
08 52 11 00-0067	EA	32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	378.78	
		For Low-E Insulated Glass, Add	*30.28*	
		For Aluminum Clad Exterior, Add	*32.45*	
08 52 11 00-0068	EA	34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	386.27	
		For Low-E Insulated Glass, Add	*30.95*	
		For Aluminum Clad Exterior, Add	*33.16*	
08 52 11 00-0069	EA	36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	394.72	
		For Low-E Insulated Glass, Add	*31.75*	
		For Aluminum Clad Exterior, Add	*34.02*	
08 52 11 00-0070	EA	40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	411.61	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.73*	
08 52 11 00-0071	EA	44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	427.56	
		For Low-E Insulated Glass, Add	*34.82*	
		For Aluminum Clad Exterior, Add	*37.30*	
08 52 11 00-0072		54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0073	EA	20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	346.89	
		For Low-E Insulated Glass, Add	*27.35*	
		For Aluminum Clad Exterior, Add	*29.30*	
08 52 11 00-0074	EA	24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	362.84	
		For Low-E Insulated Glass, Add	*28.81*	
		For Aluminum Clad Exterior, Add	*30.87*	
08 52 11 00-0075	EA	28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	378.78	
		For Low-E Insulated Glass, Add	*30.28*	
		For Aluminum Clad Exterior, Add	*32.45*	
08 52 11 00-0076	EA	30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	386.27	
		For Low-E Insulated Glass, Add	*30.95*	
		For Aluminum Clad Exterior, Add	*33.16*	
08 52 11 00-0077	EA	32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	394.72	
		For Low-E Insulated Glass, Add	*31.75*	
		For Aluminum Clad Exterior, Add	*34.02*	
08 52 11 00-0078	EA	34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	403.17	
		For Low-E Insulated Glass, Add	*32.55*	
		For Aluminum Clad Exterior, Add	*34.88*	
08 52 11 00-0079	EA	36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	411.61	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.73*	
08 52 11 00-0080	EA	40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	427.56	
		For Low-E Insulated Glass, Add	*34.82*	
		For Aluminum Clad Exterior, Add	*37.30*	
08 52 11 00-0081	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	443.51	
		For Low-E Insulated Glass, Add	*36.29*	
		For Aluminum Clad Exterior, Add	*38.88*	
08 52 11 00-0082		58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows *(08 52 11 00-0001)*		
08 52 11 00-0083	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	361.47	
		For Low-E Insulated Glass, Add	*28.81*	
		For Aluminum Clad Exterior, Add	*30.87*	
08 52 11 00-0084	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	377.41	
		For Low-E Insulated Glass, Add	*30.28*	
		For Aluminum Clad Exterior, Add	*32.45*	
08 52 11 00-0085	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	393.35	
		For Low-E Insulated Glass, Add	*31.75*	
		For Aluminum Clad Exterior, Add	*34.02*	
08 52 11 00-0086	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	401.80	
		For Low-E Insulated Glass, Add	*32.55*	
		For Aluminum Clad Exterior, Add	*34.88*	
08 52 11 00-0087	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	410.25	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.73*	
08 52 11 00-0088	EA	34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	417.74	
		For Low-E Insulated Glass, Add	*34.02*	
		For Aluminum Clad Exterior, Add	*36.45*	
08 52 11 00-0089	EA	36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	426.19	
		For Low-E Insulated Glass, Add	*34.82*	
		For Aluminum Clad Exterior, Add	*37.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0090	EA	40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	442.14	
		For Low-E Insulated Glass, Add	*36.29*	
		For Aluminum Clad Exterior, Add	*38.88*	
08 52 11 00-0091	EA	44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	457.12	
		For Low-E Insulated Glass, Add	*37.62*	
		For Aluminum Clad Exterior, Add	*40.31*	

08 52 11 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0093	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	367.60	
		For Low-E Insulated Glass, Add	*29.48*	
		For Aluminum Clad Exterior, Add	*31.59*	
08 52 11 00-0094	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	383.54	
		For Low-E Insulated Glass, Add	*30.95*	
		For Aluminum Clad Exterior, Add	*33.16*	
08 52 11 00-0095	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	400.44	
		For Low-E Insulated Glass, Add	*32.55*	
		For Aluminum Clad Exterior, Add	*34.88*	
08 52 11 00-0096	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	408.88	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.73*	
08 52 11 00-0097	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	416.38	
		For Low-E Insulated Glass, Add	*34.02*	
		For Aluminum Clad Exterior, Add	*36.45*	
08 52 11 00-0098	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	424.82	
		For Low-E Insulated Glass, Add	*34.82*	
		For Aluminum Clad Exterior, Add	*37.30*	
08 52 11 00-0099	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	432.33	
		For Low-E Insulated Glass, Add	*35.48*	
		For Aluminum Clad Exterior, Add	*38.02*	
08 52 11 00-0100	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	448.27	
		For Low-E Insulated Glass, Add	*36.95*	
		For Aluminum Clad Exterior, Add	*39.59*	
08 52 11 00-0101	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	464.21	
		For Low-E Insulated Glass, Add	*38.42*	
		For Aluminum Clad Exterior, Add	*41.16*	

08 52 11 00-0102 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0103	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	378.78	
		For Low-E Insulated Glass, Add	*30.28*	
		For Aluminum Clad Exterior, Add	*32.45*	
08 52 11 00-0104	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	394.72	
		For Low-E Insulated Glass, Add	*31.75*	
		For Aluminum Clad Exterior, Add	*34.02*	
08 52 11 00-0105	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	411.61	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.73*	
08 52 11 00-0106	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	419.11	
		For Low-E Insulated Glass, Add	*34.02*	
		For Aluminum Clad Exterior, Add	*36.45*	
08 52 11 00-0107	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	427.56	
		For Low-E Insulated Glass, Add	*34.82*	
		For Aluminum Clad Exterior, Add	*37.30*	
08 52 11 00-0108	EA	34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	435.05	
		For Low-E Insulated Glass, Add	*35.48*	
		For Aluminum Clad Exterior, Add	*38.02*	
08 52 11 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	443.51	
		For Low-E Insulated Glass, Add	*36.29*	
		For Aluminum Clad Exterior, Add	*38.88*	
08 52 11 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	458.49	
		For Low-E Insulated Glass, Add	*37.62*	
		For Aluminum Clad Exterior, Add	*40.31*	
08 52 11 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	474.44	
		For Low-E Insulated Glass, Add	*39.09*	
		For Aluminum Clad Exterior, Add	*41.88*	

08 52 11 00-0112 66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	394.72	
		For Low-E Insulated Glass, Add	*31.75*	
		For Aluminum Clad Exterior, Add	*34.02*	
08 52 11 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	411.61	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.73*	
08 52 11 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	427.56	
		For Low-E Insulated Glass, Add	*34.82*	
		For Aluminum Clad Exterior, Add	*37.30*	
08 52 11 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	435.05	
		For Low-E Insulated Glass, Add	*35.48*	
		For Aluminum Clad Exterior, Add	*38.02*	
08 52 11 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	443.51	
		For Low-E Insulated Glass, Add	*36.29*	
		For Aluminum Clad Exterior, Add	*38.88*	
08 52 11 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	450.99	
		For Low-E Insulated Glass, Add	*36.95*	
		For Aluminum Clad Exterior, Add	*39.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	458.49	
		For Low-E Insulated Glass, Add	*37.62*	
		For Aluminum Clad Exterior, Add	*40.31*	
08 52 11 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	474.44	
		For Low-E Insulated Glass, Add	*39.09*	
		For Aluminum Clad Exterior, Add	*41.88*	
08 52 11 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	490.38	
		For Low-E Insulated Glass, Add	*40.55*	
		For Aluminum Clad Exterior, Add	*43.45*	

08 52 11 00-0122 70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	410.25	
		For Low-E Insulated Glass, Add	*33.35*	
		For Aluminum Clad Exterior, Add	*35.73*	
08 52 11 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	426.19	
		For Low-E Insulated Glass, Add	*34.82*	
		For Aluminum Clad Exterior, Add	*37.30*	
08 52 11 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	442.14	
		For Low-E Insulated Glass, Add	*36.29*	
		For Aluminum Clad Exterior, Add	*38.88*	
08 52 11 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	449.63	
		For Low-E Insulated Glass, Add	*36.95*	
		For Aluminum Clad Exterior, Add	*39.59*	
08 52 11 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	457.12	
		For Low-E Insulated Glass, Add	*37.62*	
		For Aluminum Clad Exterior, Add	*40.31*	
08 52 11 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	468.40	
		For Low-E Insulated Glass, Add	*38.82*	
		For Aluminum Clad Exterior, Add	*41.59*	
08 52 11 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	474.06	
		For Low-E Insulated Glass, Add	*39.23*	
		For Aluminum Clad Exterior, Add	*42.03*	
08 52 11 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	489.01	
		For Low-E Insulated Glass, Add	*40.55*	
		For Aluminum Clad Exterior, Add	*43.45*	
08 52 11 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	505.91	
		For Low-E Insulated Glass, Add	*42.15*	
		For Aluminum Clad Exterior, Add	*45.17*	

08 52 11 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	427.56	
		For Low-E Insulated Glass, Add	*34.82*	
		For Aluminum Clad Exterior, Add	*37.30*	
08 52 11 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	443.51	
		For Low-E Insulated Glass, Add	*36.29*	
		For Aluminum Clad Exterior, Add	*38.88*	
08 52 11 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	458.49	
		For Low-E Insulated Glass, Add	*37.62*	
		For Aluminum Clad Exterior, Add	*40.31*	
08 52 11 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	466.94	
		For Low-E Insulated Glass, Add	*38.42*	
		For Aluminum Clad Exterior, Add	*41.16*	
08 52 11 00-0137	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	474.44	
		For Low-E Insulated Glass, Add	*39.09*	
		For Aluminum Clad Exterior, Add	*41.88*	
08 52 11 00-0138	EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	482.88	
		For Low-E Insulated Glass, Add	*39.89*	
		For Aluminum Clad Exterior, Add	*42.74*	
08 52 11 00-0139	EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	490.38	
		For Low-E Insulated Glass, Add	*40.55*	
		For Aluminum Clad Exterior, Add	*43.45*	
08 52 11 00-0140	EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	507.27	
		For Low-E Insulated Glass, Add	*42.15*	
		For Aluminum Clad Exterior, Add	*45.17*	
08 52 11 00-0141	EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	523.22	
		For Low-E Insulated Glass, Add	*43.62*	
		For Aluminum Clad Exterior, Add	*46.74*	

08 52 11 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0143	EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	448.97	
		For Low-E Insulated Glass, Add	*36.29*	
		For Aluminum Clad Exterior, Add	*38.88*	
08 52 11 00-0144	EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	463.95	
		For Low-E Insulated Glass, Add	*37.62*	
		For Aluminum Clad Exterior, Add	*40.31*	
08 52 11 00-0145	EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	479.90	
		For Low-E Insulated Glass, Add	*39.09*	
		For Aluminum Clad Exterior, Add	*41.88*	
08 52 11 00-0146	EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	488.34	
		For Low-E Insulated Glass, Add	*39.89*	
		For Aluminum Clad Exterior, Add	*42.74*	
08 52 11 00-0147	EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	495.84	
		For Low-E Insulated Glass, Add	*40.55*	
		For Aluminum Clad Exterior, Add	*43.45*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0148	EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	504.28	
		For Low-E Insulated Glass, Add	*41.35*	
		For Aluminum Clad Exterior, Add	*44.31*	
08 52 11 00-0149	EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	512.74	
		For Low-E Insulated Glass, Add	*42.15*	
		For Aluminum Clad Exterior, Add	*45.17*	
08 52 11 00-0150	EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	528.67	
		For Low-E Insulated Glass, Add	*43.62*	
		For Aluminum Clad Exterior, Add	*46.74*	
08 52 11 00-0151	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	544.61	
		For Low-E Insulated Glass, Add	*45.09*	
		For Aluminum Clad Exterior, Add	*48.31*	
08 52 11 00-0152		Commercial And Institutional Heavy Double Hung Windows *(08 52 11)*		
		Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0153	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite	77.78	12.19
		For Insulating Glass, Add	*4.54*	
08 52 11 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite	74.90	13.55
		For Insulating Glass, Add	*4.06*	
08 52 11 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite	72.55	15.21
		For Insulating Glass, Add	*3.58*	
08 52 11 00-0156		Architectural And Historic Reproduction Wood Windows *(08 52 11)*		
		Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window	83.40	12.18
		For Insulating Glass, Add	*5.02*	
08 52 11 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window	77.94	13.55
		For Insulating Glass, Add	*4.32*	
08 52 11 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window	74.33	15.21
		For Insulating Glass, Add	*3.73*	
08 52 11 00-0160		Removal And Reinstallation Of Wood Window And Frame *(08 52 11)*		
		Note: Includes storage, cleaning and supply materials.		
08 52 11 00-0161	SF	Removal And Reinstallation Of Wood Windows And Frames	30.03	
08 52 16		**Plastic-Clad Wood Windows** *(08 52)*		
08 52 16 00-0001		Double Hung Wood Clad Windows *(08 52 16)*		
08 52 16 00-0002		Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0001)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0003		35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*		
08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	310.59	44.86
		For Low-E Insulated Glass, Add	*26.50*	
		For Tempered Clear Insulated Glass, Add	*44.17*	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	328.82	46.82
		For Low-E Insulated Glass, Add	*28.22*	
		For Tempered Clear Insulated Glass, Add	*47.04*	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	345.85	48.77
		For Low-E Insulated Glass, Add	*29.80*	
		For Tempered Clear Insulated Glass, Add	*49.67*	
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	362.88	50.72
		For Low-E Insulated Glass, Add	*31.38*	
		For Tempered Clear Insulated Glass, Add	*52.29*	
08 52 16 00-0008		41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*		
08 52 16 00-0009	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	336.74	47.79
		For Low-E Insulated Glass, Add	*28.94*	
		For Tempered Clear Insulated Glass, Add	*48.23*	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	354.96	49.74
		For Low-E Insulated Glass, Add	*30.66*	
		For Tempered Clear Insulated Glass, Add	*51.10*	
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	372.00	51.69
		For Low-E Insulated Glass, Add	*32.24*	
		For Tempered Clear Insulated Glass, Add	*53.73*	
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	389.04	53.64
		For Low-E Insulated Glass, Add	*33.81*	
		For Tempered Clear Insulated Glass, Add	*56.35*	
08 52 16 00-0013		47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0014	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	362.88	50.72
		For Low-E Insulated Glass, Add	*31.38*	
		For Tempered Clear Insulated Glass, Add	*52.29*	
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	379.92	52.67
		For Low-E Insulated Glass, Add	*32.95*	
		For Tempered Clear Insulated Glass, Add	*54.92*	
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	398.15	54.62
		For Low-E Insulated Glass, Add	*34.67*	
		For Tempered Clear Insulated Glass, Add	*57.78*	
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	415.19	56.57
		For Low-E Insulated Glass, Add	*36.25*	
		For Tempered Clear Insulated Glass, Add	*60.41*	

08 52 16 00-0018 53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0019	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	389.04	53.64
		For Low-E Insulated Glass, Add	*33.81*	
		For Tempered Clear Insulated Glass, Add	*56.35*	
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	406.07	55.59
		For Low-E Insulated Glass, Add	*35.39*	
		For Tempered Clear Insulated Glass, Add	*58.98*	
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	423.11	57.54
		For Low-E Insulated Glass, Add	*36.96*	
		For Tempered Clear Insulated Glass, Add	*61.61*	
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	441.33	59.49
		For Low-E Insulated Glass, Add	*38.68*	
		For Tempered Clear Insulated Glass, Add	*64.47*	

08 52 16 00-0023 56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0024	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	384.48	53.64
		For Low-E Insulated Glass, Add	*33.38*	
		For Tempered Clear Insulated Glass, Add	*55.64*	
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	401.51	55.10
		For Low-E Insulated Glass, Add	*34.96*	
		For Tempered Clear Insulated Glass, Add	*58.26*	
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	419.74	57.54
		For Low-E Insulated Glass, Add	*36.68*	
		For Tempered Clear Insulated Glass, Add	*61.13*	
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	436.77	59.49
		For Low-E Insulated Glass, Add	*38.25*	
		For Tempered Clear Insulated Glass, Add	*63.75*	
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	453.81	61.45
		For Low-E Insulated Glass, Add	*39.83*	
		For Tempered Clear Insulated Glass, Add	*66.38*	
08 52 16 00-0029	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	470.85	63.40
		For Low-E Insulated Glass, Add	*41.40*	
		For Tempered Clear Insulated Glass, Add	*69.01*	

08 52 16 00-0030 59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0031	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	398.15	54.62
		For Low-E Insulated Glass, Add	*34.67*	
		For Tempered Clear Insulated Glass, Add	*57.78*	
08 52 16 00-0032	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	415.19	56.57
		For Low-E Insulated Glass, Add	*36.25*	
		For Tempered Clear Insulated Glass, Add	*60.41*	
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	432.22	58.52
		For Low-E Insulated Glass, Add	*37.82*	
		For Tempered Clear Insulated Glass, Add	*63.04*	
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	449.25	60.47
		For Low-E Insulated Glass, Add	*39.40*	
		For Tempered Clear Insulated Glass, Add	*65.66*	
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	466.29	62.42
		For Low-E Insulated Glass, Add	*40.98*	
		For Tempered Clear Insulated Glass, Add	*68.29*	
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	484.51	64.37
		For Low-E Insulated Glass, Add	*42.69*	
		For Tempered Clear Insulated Glass, Add	*71.16*	

08 52 16 00-0037 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0038	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	441.33	59.49
		For Low-E Insulated Glass, Add	*38.68*	
		For Tempered Clear Insulated Glass, Add	*64.47*	
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	458.37	61.45
		For Low-E Insulated Glass, Add	*40.26*	
		For Tempered Clear Insulated Glass, Add	*67.10*	
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	475.40	63.40
		For Low-E Insulated Glass, Add	*41.83*	
		For Tempered Clear Insulated Glass, Add	*69.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	492.43	65.35
		For Low-E Insulated Glass, Add	*43.41*	
		For Tempered Clear Insulated Glass, Add	*72.35*	

08 52 16 00-0042 71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0043	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	466.29	62.42
		For Low-E Insulated Glass, Add	*40.98*	
		For Tempered Clear Insulated Glass, Add	*68.29*	
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	484.51	64.37
		For Low-E Insulated Glass, Add	*42.69*	
		For Tempered Clear Insulated Glass, Add	*71.16*	
08 52 16 00-0045	EA	31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	501.55	66.32
		For Low-E Insulated Glass, Add	*44.27*	
		For Tempered Clear Insulated Glass, Add	*73.78*	
08 52 16 00-0046	EA	35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	518.59	68.27
		For Low-E Insulated Glass, Add	*45.85*	
		For Tempered Clear Insulated Glass, Add	*76.41*	

08 52 16 00-0047 Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0048 36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0049	EA	21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	381.25	44.86
		For Tempered Low-E Insulated Glass, Add	*58.50*	
08 52 16 00-0050	EA	25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	404.26	46.32
		For Tempered Low-E Insulated Glass, Add	*62.32*	
08 52 16 00-0051	EA	29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	428.45	48.27
		For Tempered Low-E Insulated Glass, Add	*66.38*	
08 52 16 00-0052	EA	31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	441.15	49.74
		For Tempered Low-E Insulated Glass, Add	*68.53*	
08 52 16 00-0053	EA	33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	452.65	50.72
		For Tempered Low-E Insulated Glass, Add	*70.44*	
08 52 16 00-0054	EA	35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	464.15	51.69
		For Tempered Low-E Insulated Glass, Add	*72.35*	
08 52 16 00-0055	EA	37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.85	52.17
		For Tempered Low-E Insulated Glass, Add	*74.50*	
08 52 16 00-0056	EA	41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	499.85	54.13
		For Tempered Low-E Insulated Glass, Add	*78.32*	
08 52 16 00-0057	EA	45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.05	56.08
		For Tempered Low-E Insulated Glass, Add	*82.38*	

08 52 16 00-0058 40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0059	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	404.26	46.82
		For Tempered Low-E Insulated Glass, Add	*62.32*	
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	428.45	48.27
		For Tempered Low-E Insulated Glass, Add	*66.38*	
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	452.65	50.22
		For Tempered Low-E Insulated Glass, Add	*70.44*	
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	464.15	51.69
		For Tempered Low-E Insulated Glass, Add	*72.35*	
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.85	52.67
		For Tempered Low-E Insulated Glass, Add	*74.50*	
08 52 16 00-0064	EA	35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	488.35	53.64
		For Tempered Low-E Insulated Glass, Add	*76.41*	
08 52 16 00-0065	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	499.85	54.13
		For Tempered Low-E Insulated Glass, Add	*78.32*	
08 52 16 00-0066	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.05	56.08
		For Tempered Low-E Insulated Glass, Add	*82.38*	
08 52 16 00-0067	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.24	58.03
		For Tempered Low-E Insulated Glass, Add	*86.44*	

08 52 16 00-0068 44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0069	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	428.45	48.77
		For Tempered Low-E Insulated Glass, Add	*66.38*	
08 52 16 00-0070	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	452.65	50.22
		For Tempered Low-E Insulated Glass, Add	*70.44*	
08 52 16 00-0071	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.85	52.17
		For Tempered Low-E Insulated Glass, Add	*74.50*	
08 52 16 00-0072	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	488.35	53.64
		For Tempered Low-E Insulated Glass, Add	*76.41*	
08 52 16 00-0073	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	499.85	54.62
		For Tempered Low-E Insulated Glass, Add	*78.32*	
08 52 16 00-0074	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.54	55.59
		For Tempered Low-E Insulated Glass, Add	*80.47*	
08 52 16 00-0075	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.05	56.08
		For Tempered Low-E Insulated Glass, Add	*82.38*	
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.24	58.03
		For Tempered Low-E Insulated Glass, Add	*86.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.44	59.98
		For Tempered Low-E Insulated Glass, Add	*90.50*	

08 52 16 00-0078 48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0079	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	452.65	50.72
		For Tempered Low-E Insulated Glass, Add	*70.44*	
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.85	52.17
		For Tempered Low-E Insulated Glass, Add	*74.50*	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	499.85	54.13
		For Tempered Low-E Insulated Glass, Add	*78.32*	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.54	55.59
		For Tempered Low-E Insulated Glass, Add	*80.47*	
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.05	56.57
		For Tempered Low-E Insulated Glass, Add	*82.38*	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	535.55	57.54
		For Tempered Low-E Insulated Glass, Add	*84.29*	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.24	58.03
		For Tempered Low-E Insulated Glass, Add	*86.44*	
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.44	59.98
		For Tempered Low-E Insulated Glass, Add	*90.50*	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.45	61.93
		For Tempered Low-E Insulated Glass, Add	*94.32*	

08 52 16 00-0088 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0089	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	476.85	52.67
		For Tempered Low-E Insulated Glass, Add	*74.50*	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	499.85	54.13
		For Tempered Low-E Insulated Glass, Add	*78.32*	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.05	56.08
		For Tempered Low-E Insulated Glass, Add	*82.38*	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	535.55	57.54
		For Tempered Low-E Insulated Glass, Add	*84.29*	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.24	58.52
		For Tempered Low-E Insulated Glass, Add	*86.44*	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	559.74	59.49
		For Tempered Low-E Insulated Glass, Add	*88.35*	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.44	59.98
		For Tempered Low-E Insulated Glass, Add	*90.50*	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.45	61.93
		For Tempered Low-E Insulated Glass, Add	*94.32*	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.65	63.88
		For Tempered Low-E Insulated Glass, Add	*98.38*	

08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0099	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	499.85	54.62
		For Tempered Low-E Insulated Glass, Add	*78.32*	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.05	56.08
		For Tempered Low-E Insulated Glass, Add	*82.38*	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.24	58.03
		For Tempered Low-E Insulated Glass, Add	*86.44*	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	559.74	59.49
		For Tempered Low-E Insulated Glass, Add	*88.35*	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.44	60.47
		For Tempered Low-E Insulated Glass, Add	*90.50*	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	583.95	61.45
		For Tempered Low-E Insulated Glass, Add	*92.41*	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.45	61.93
		For Tempered Low-E Insulated Glass, Add	*94.32*	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.65	63.88
		For Tempered Low-E Insulated Glass, Add	*98.38*	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.84	65.83
		For Tempered Low-E Insulated Glass, Add	*102.44*	

08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	524.05	56.57
		For Tempered Low-E Insulated Glass, Add	*82.38*	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.24	58.03
		For Tempered Low-E Insulated Glass, Add	*86.44*	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.44	59.98
		For Tempered Low-E Insulated Glass, Add	*90.50*	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	583.95	61.45
		For Tempered Low-E Insulated Glass, Add	*92.41*	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.45	62.42
		For Tempered Low-E Insulated Glass, Add	*94.32*	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.15	63.40
		For Tempered Low-E Insulated Glass, Add	*96.47*	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.65	63.88
		For Tempered Low-E Insulated Glass, Add	*98.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.84	65.83
		For Tempered Low-E Insulated Glass, Add	*102.44*	
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	666.85	67.78
		For Tempered Low-E Insulated Glass, Add	*106.26*	

08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0119	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	548.24	58.52
		For Tempered Low-E Insulated Glass, Add	*86.44*	
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.44	59.98
		For Tempered Low-E Insulated Glass, Add	*90.50*	
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.45	61.93
		For Tempered Low-E Insulated Glass, Add	*94.32*	
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.15	63.40
		For Tempered Low-E Insulated Glass, Add	*96.47*	
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.65	64.37
		For Tempered Low-E Insulated Glass, Add	*98.38*	
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	631.15	65.35
		For Tempered Low-E Insulated Glass, Add	*100.29*	
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.84	65.83
		For Tempered Low-E Insulated Glass, Add	*102.44*	
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	666.85	67.78
		For Tempered Low-E Insulated Glass, Add	*106.26*	
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	691.04	69.73
		For Tempered Low-E Insulated Glass, Add	*110.32*	

08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0129	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	572.44	60.47
		For Tempered Low-E Insulated Glass, Add	*90.50*	
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.45	61.93
		For Tempered Low-E Insulated Glass, Add	*94.32*	
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.65	63.88
		For Tempered Low-E Insulated Glass, Add	*98.38*	
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	631.15	65.35
		For Tempered Low-E Insulated Glass, Add	*100.29*	
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.84	66.32
		For Tempered Low-E Insulated Glass, Add	*102.44*	
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	655.34	67.30
		For Tempered Low-E Insulated Glass, Add	*104.35*	
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	666.85	67.78
		For Tempered Low-E Insulated Glass, Add	*106.26*	
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	691.04	69.73
		For Tempered Low-E Insulated Glass, Add	*110.32*	
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	715.24	71.68
		For Tempered Low-E Insulated Glass, Add	*114.38*	

08 52 16 00-0138 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0139	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	595.45	62.42
		For Tempered Low-E Insulated Glass, Add	*94.32*	
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.65	63.88
		For Tempered Low-E Insulated Glass, Add	*98.38*	
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.84	65.83
		For Tempered Low-E Insulated Glass, Add	*102.44*	
08 52 16 00-0142	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	655.34	67.30
		For Tempered Low-E Insulated Glass, Add	*104.35*	
08 52 16 00-0143	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	666.85	68.27
		For Tempered Low-E Insulated Glass, Add	*106.26*	
08 52 16 00-0144	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	679.54	69.25
		For Tempered Low-E Insulated Glass, Add	*108.41*	
08 52 16 00-0145	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	691.04	69.73
		For Tempered Low-E Insulated Glass, Add	*110.32*	
08 52 16 00-0146	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	715.24	71.68
		For Tempered Low-E Insulated Glass, Add	*114.38*	
08 52 16 00-0147	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.43	73.63
		For Tempered Low-E Insulated Glass, Add	*118.43*	

08 52 16 00-0148 76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0149	EA	21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	619.65	64.37
		For Tempered Low-E Insulated Glass, Add	*98.38*	
08 52 16 00-0150	EA	25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	643.84	65.83
		For Tempered Low-E Insulated Glass, Add	*102.44*	
08 52 16 00-0151	EA	29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	666.85	67.78
		For Tempered Low-E Insulated Glass, Add	*106.26*	
08 52 16 00-0152	EA	31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	679.54	69.25
		For Tempered Low-E Insulated Glass, Add	*108.41*	
08 52 16 00-0153	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	691.04	70.22
		For Tempered Low-E Insulated Glass, Add	*110.32*	
08 52 16 00-0154	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	703.74	71.20
		For Tempered Low-E Insulated Glass, Add	*112.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	715.24	71.68
		For Tempered Low-E Insulated Glass, Add	*114.38*	
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	739.43	73.63
		For Tempered Low-E Insulated Glass, Add	*118.43*	
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	762.45	75.58
		For Tempered Low-E Insulated Glass, Add	*122.26*	

08 52 16 00-0158 84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0159	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	950.99	68.27
		For Tempered Low-E Insulated Glass, Add	*163.09*	
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	984.74	69.73
		For Tempered Low-E Insulated Glass, Add	*169.06*	
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,018.49	71.68
		For Tempered Low-E Insulated Glass, Add	*175.03*	
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,034.77	73.15
		For Tempered Low-E Insulated Glass, Add	*177.89*	
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,052.24	74.12
		For Tempered Low-E Insulated Glass, Add	*181.00*	
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,068.51	75.09
		For Tempered Low-E Insulated Glass, Add	*183.86*	
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,084.80	75.58
		For Tempered Low-E Insulated Glass, Add	*186.73*	
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,118.55	77.53
		For Tempered Low-E Insulated Glass, Add	*192.70*	
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,152.29	79.48
		For Tempered Low-E Insulated Glass, Add	*198.66*	

08 52 16 00-0168 88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0169	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	984.74	70.22
		For Tempered Low-E Insulated Glass, Add	*169.06*	
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,018.49	71.68
		For Tempered Low-E Insulated Glass, Add	*175.03*	
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,052.24	73.63
		For Tempered Low-E Insulated Glass, Add	*181.00*	
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,068.51	75.09
		For Tempered Low-E Insulated Glass, Add	*183.86*	
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,084.80	76.07
		For Tempered Low-E Insulated Glass, Add	*186.73*	
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,102.27	77.04
		For Tempered Low-E Insulated Glass, Add	*189.83*	
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,118.55	77.53
		For Tempered Low-E Insulated Glass, Add	*192.70*	
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,152.29	79.48
		For Tempered Low-E Insulated Glass, Add	*198.66*	
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,186.04	81.43
		For Tempered Low-E Insulated Glass, Add	*204.63*	

08 52 16 00-0178 Casement Wood Clad Windows *(08 52 16)*

08 52 16 00-0179 Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0178)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0180 One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0181 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0182	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	276.13	37.06
		For Tempered Clear Insulated Glass, Add	*40.60*	
08 52 16 00-0183	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	291.64	38.04
		For Tempered Clear Insulated Glass, Add	*43.11*	
08 52 16 00-0184	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	309.18	39.99
		For Tempered Clear Insulated Glass, Add	*45.84*	
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	325.45	41.94
		For Tempered Clear Insulated Glass, Add	*48.32*	

08 52 16 00-0186 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	295.76	39.01
		For Tempered Clear Insulated Glass, Add	*43.74*	
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	311.28	39.99
		For Tempered Clear Insulated Glass, Add	*46.26*	
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	328.82	41.94
		For Tempered Clear Insulated Glass, Add	*48.99*	
08 52 16 00-0190	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	338.12	43.89
		For Tempered Clear Insulated Glass, Add	*50.07*	
08 52 16 00-0191	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	357.96	45.84
		For Tempered Clear Insulated Glass, Add	*53.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0192		35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0193	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	330.92	41.94
		For Tempered Clear Insulated Glass, Add	*49.41*	
08 52 16 00-0194	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	347.49	43.89
		For Tempered Clear Insulated Glass, Add	*52.14*	
08 52 16 00-0195	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	365.04	45.35
		For Tempered Clear Insulated Glass, Add	*54.87*	
08 52 16 00-0196	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	392.02	47.30
		For Tempered Clear Insulated Glass, Add	*59.48*	
08 52 16 00-0197	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	417.47	48.77
		For Tempered Clear Insulated Glass, Add	*63.99*	
08 52 16 00-0198	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	442.02	49.74
		For Tempered Clear Insulated Glass, Add	*68.51*	
08 52 16 00-0199		40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0200	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	354.68	44.86
		For Tempered Clear Insulated Glass, Add	*53.19*	
08 52 16 00-0201	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	370.21	45.84
		For Tempered Clear Insulated Glass, Add	*55.71*	
08 52 16 00-0202	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	387.75	47.79
		For Tempered Clear Insulated Glass, Add	*58.44*	
08 52 16 00-0203	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	426.28	49.74
		For Tempered Clear Insulated Glass, Add	*65.36*	
08 52 16 00-0204	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	452.91	51.69
		For Tempered Clear Insulated Glass, Add	*70.10*	
08 52 16 00-0205	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	478.23	53.64
		For Tempered Clear Insulated Glass, Add	*74.39*	
08 52 16 00-0206		48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0207	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	388.73	48.77
		For Tempered Clear Insulated Glass, Add	*58.44*	
08 52 16 00-0208	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	405.29	49.74
		For Tempered Clear Insulated Glass, Add	*61.16*	
08 52 16 00-0209	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	422.83	51.69
		For Tempered Clear Insulated Glass, Add	*63.89*	
08 52 16 00-0210	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	475.53	53.64
		For Tempered Clear Insulated Glass, Add	*73.65*	
08 52 16 00-0211	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	496.57	55.59
		For Tempered Clear Insulated Glass, Add	*77.27*	
08 52 16 00-0212	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	528.01	57.54
		For Tempered Clear Insulated Glass, Add	*82.78*	
08 52 16 00-0213		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0214	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	411.52	50.72
		For Tempered Clear Insulated Glass, Add	*62.21*	
08 52 16 00-0215	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	427.03	51.69
		For Tempered Clear Insulated Glass, Add	*64.73*	
08 52 16 00-0216	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	444.58	53.64
		For Tempered Clear Insulated Glass, Add	*67.46*	
08 52 16 00-0217	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	509.35	55.59
		For Tempered Clear Insulated Glass, Add	*79.63*	
08 52 16 00-0218	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	540.32	57.54
		For Tempered Clear Insulated Glass, Add	*85.24*	
08 52 16 00-0219	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	561.29	59.49
		For Tempered Clear Insulated Glass, Add	*88.66*	
08 52 16 00-0220		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0221	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	444.58	53.64
		For Tempered Clear Insulated Glass, Add	*67.46*	
08 52 16 00-0222	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	461.14	55.59
		For Tempered Clear Insulated Glass, Add	*70.19*	
08 52 16 00-0223	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	478.69	57.05
		For Tempered Clear Insulated Glass, Add	*72.92*	
08 52 16 00-0224	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	558.14	59.00
		For Tempered Clear Insulated Glass, Add	*88.03*	
08 52 16 00-0225	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	580.36	60.47
		For Tempered Clear Insulated Glass, Add	*91.89*	
08 52 16 00-0226	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	610.10	62.42
		For Tempered Clear Insulated Glass, Add	*97.05*	
08 52 16 00-0227		64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0228	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	468.34	56.57
		For Tempered Clear Insulated Glass, Add	*71.24*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0229		EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	483.86	57.54
			For Tempered Clear Insulated Glass, Add	*73.76*	
08 52 16 00-0230		EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	501.41	59.49
			For Tempered Clear Insulated Glass, Add	*76.49*	
08 52 16 00-0231		EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	592.41	61.45
			For Tempered Clear Insulated Glass, Add	*93.91*	
08 52 16 00-0232		EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	613.14	63.40
			For Tempered Clear Insulated Glass, Add	*97.47*	
08 52 16 00-0233		EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	644.36	65.35
			For Tempered Clear Insulated Glass, Add	*102.93*	

08 52 16 00-0234 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*

08 52 16 00-0235		EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	501.41	59.49
			For Tempered Clear Insulated Glass, Add	*76.49*	
08 52 16 00-0236		EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	517.98	61.45
			For Tempered Clear Insulated Glass, Add	*79.21*	
08 52 16 00-0237		EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	535.52	62.90
			For Tempered Clear Insulated Glass, Add	*81.94*	
08 52 16 00-0238		EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	641.21	64.85
			For Tempered Clear Insulated Glass, Add	*102.30*	
08 52 16 00-0239		EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	666.45	66.32
			For Tempered Clear Insulated Glass, Add	*106.76*	
08 52 16 00-0240		EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	693.17	68.27
			For Tempered Clear Insulated Glass, Add	*111.33*	

08 52 16 00-0241 Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0242 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0243		EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	484.23	47.79
			For Tempered Clear Insulated Glass, Add	*77.73*	
08 52 16 00-0244		EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	548.86	51.69
			For Tempered Clear Insulated Glass, Add	*89.10*	
08 52 16 00-0245		EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	623.38	55.59
			For Tempered Clear Insulated Glass, Add	*102.44*	

08 52 16 00-0246 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0247		EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	521.43	49.74
			For Tempered Clear Insulated Glass, Add	*84.39*	
08 52 16 00-0248		EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	586.07	53.64
			For Tempered Clear Insulated Glass, Add	*95.76*	
08 52 16 00-0249		EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	660.58	57.54
			For Tempered Clear Insulated Glass, Add	*109.10*	

08 52 16 00-0250 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0251		EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	516.97	49.74
			For Tempered Clear Insulated Glass, Add	*83.50*	
08 52 16 00-0252		EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	582.57	53.64
			For Tempered Clear Insulated Glass, Add	*95.25*	
08 52 16 00-0253		EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	651.23	57.54
			For Tempered Clear Insulated Glass, Add	*107.43*	
08 52 16 00-0254		EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	730.40	60.95
			For Tempered Clear Insulated Glass, Add	*121.70*	
08 52 16 00-0255		EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	783.61	63.88
			For Tempered Clear Insulated Glass, Add	*131.17*	
08 52 16 00-0256		EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	872.01	68.27
			For Tempered Clear Insulated Glass, Add	*147.09*	

08 52 16 00-0257 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0258		EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	562.78	52.17
			For Tempered Clear Insulated Glass, Add	*91.69*	
08 52 16 00-0259		EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	628.37	55.59
			For Tempered Clear Insulated Glass, Add	*103.44*	
08 52 16 00-0260		EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	697.04	59.49
			For Tempered Clear Insulated Glass, Add	*115.61*	
08 52 16 00-0261		EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	776.20	63.40
			For Tempered Clear Insulated Glass, Add	*129.88*	
08 52 16 00-0262		EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	834.97	66.32
			For Tempered Clear Insulated Glass, Add	*140.47*	
08 52 16 00-0263		EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,078.37	70.71
			For Tempered Clear Insulated Glass, Add	*187.39*	

08 52 16 00-0264 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0265	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	630.39	56.08
		For Tempered Clear Insulated Glass, Add	*103.65*	
08 52 16 00-0266	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	697.04	59.49
		For Tempered Clear Insulated Glass, Add	*115.61*	
08 52 16 00-0267	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	765.70	63.40
		For Tempered Clear Insulated Glass, Add	*127.78*	
08 52 16 00-0268	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	844.86	67.30
		For Tempered Clear Insulated Glass, Add	*142.06*	
08 52 16 00-0269	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	901.23	70.22
		For Tempered Clear Insulated Glass, Add	*152.16*	
08 52 16 00-0270	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	986.47	74.61
		For Tempered Clear Insulated Glass, Add	*167.45*	

08 52 16 00-0271 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0272	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	675.22	58.03
		For Tempered Clear Insulated Glass, Add	*111.83*	
08 52 16 00-0273	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	740.82	61.45
		For Tempered Clear Insulated Glass, Add	*123.59*	
08 52 16 00-0274	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	801.69	65.35
		For Tempered Clear Insulated Glass, Add	*134.20*	
08 52 16 00-0275	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	888.65	69.25
		For Tempered Clear Insulated Glass, Add	*150.03*	
08 52 16 00-0276	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	947.64	72.17
		For Tempered Clear Insulated Glass, Add	*160.66*	
08 52 16 00-0277	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,031.31	76.56
		For Tempered Clear Insulated Glass, Add	*175.64*	

08 52 16 00-0278 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0279	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	741.87	61.45
		For Tempered Clear Insulated Glass, Add	*123.80*	
08 52 16 00-0280	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	807.46	65.35
		For Tempered Clear Insulated Glass, Add	*135.55*	
08 52 16 00-0281	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	876.13	69.25
		For Tempered Clear Insulated Glass, Add	*147.72*	
08 52 16 00-0282	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	955.29	72.66
		For Tempered Clear Insulated Glass, Add	*162.00*	
08 52 16 00-0283	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,014.28	75.58
		For Tempered Clear Insulated Glass, Add	*172.62*	
08 52 16 00-0284	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,096.90	79.97
		For Tempered Clear Insulated Glass, Add	*187.39*	

08 52 16 00-0285 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0286	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	787.67	63.88
		For Tempered Clear Insulated Glass, Add	*131.98*	
08 52 16 00-0287	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	853.26	67.30
		For Tempered Clear Insulated Glass, Add	*143.74*	
08 52 16 00-0288	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	922.98	71.20
		For Tempered Clear Insulated Glass, Add	*156.12*	
08 52 16 00-0289	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,002.14	75.09
		For Tempered Clear Insulated Glass, Add	*170.39*	

08 52 16 00-0290 71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0291	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	854.31	67.30
		For Tempered Clear Insulated Glass, Add	*143.95*	
08 52 16 00-0292	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	919.91	71.20
		For Tempered Clear Insulated Glass, Add	*155.70*	
08 52 16 00-0293	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	988.57	75.09
		For Tempered Clear Insulated Glass, Add	*167.87*	
08 52 16 00-0294	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,067.74	78.51
		For Tempered Clear Insulated Glass, Add	*182.14*	

08 52 16 00-0295 One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*

08 52 16 00-0296 24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0297	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	760.62	62.90
		For Tempered Clear Insulated Glass, Add	*126.96*	
08 52 16 00-0298	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	882.55	69.25
		For Tempered Clear Insulated Glass, Add	*148.81*	

08 52 16 00-0299 28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0300	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	806.09	64.85
		For Tempered Clear Insulated Glass, Add	*135.28*	
08 52 16 00-0301	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	920.23	71.20
		For Tempered Clear Insulated Glass, Add	*155.57*	

08 52 16 00-0302 35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0303	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	776.41	63.40
		For Tempered Clear Insulated Glass, Add	*129.93*	
08 52 16 00-0304	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	874.11	68.27
		For Tempered Clear Insulated Glass, Add	*147.51*	
08 52 16 00-0305	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	994.87	75.09
		For Tempered Clear Insulated Glass, Add	*169.13*	

08 52 16 00-0306 40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0307	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	820.08	66.32
		For Tempered Clear Insulated Glass, Add	*137.68*	
08 52 16 00-0308	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	920.95	70.71
		For Tempered Clear Insulated Glass, Add	*155.91*	
08 52 16 00-0309	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,040.67	77.04
		For Tempered Clear Insulated Glass, Add	*177.32*	

08 52 16 00-0310 48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0311	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	988.57	74.61
		For Tempered Clear Insulated Glass, Add	*167.87*	
08 52 16 00-0312	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,108.29	80.94
		For Tempered Clear Insulated Glass, Add	*189.28*	

08 52 16 00-0313 52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0314	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,033.41	76.56
		For Tempered Clear Insulated Glass, Add	*176.06*	
08 52 16 00-0315	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,153.12	82.89
		For Tempered Clear Insulated Glass, Add	*197.47*	

08 52 16 00-0316 59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*

08 52 16 00-0317	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,098.99	79.97
		For Tempered Clear Insulated Glass, Add	*187.81*	
08 52 16 00-0318	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,219.76	86.79
		For Tempered Clear Insulated Glass, Add	*209.43*	

08 52 16 00-0319 Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0178)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0320 One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*

08 52 16 00-0321 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0322	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	324.93	37.06
		For Tempered Low-E Insulated Glass, Add	*50.36*	
08 52 16 00-0323	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	343.59	38.04
		For Tempered Low-E Insulated Glass, Add	*53.50*	
08 52 16 00-0324	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	364.54	39.99
		For Tempered Low-E Insulated Glass, Add	*56.91*	
08 52 16 00-0325	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	383.90	41.94
		For Tempered Low-E Insulated Glass, Add	*60.01*	

08 52 16 00-0326 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0327	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	348.49	39.01
		For Tempered Low-E Insulated Glass, Add	*54.29*	
08 52 16 00-0328	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	367.16	39.99
		For Tempered Low-E Insulated Glass, Add	*57.44*	
08 52 16 00-0329	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	388.12	41.94
		For Tempered Low-E Insulated Glass, Add	*60.85*	
08 52 16 00-0330	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	398.76	43.89
		For Tempered Low-E Insulated Glass, Add	*62.20*	
08 52 16 00-0331	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	422.82	45.84
		For Tempered Low-E Insulated Glass, Add	*66.42*	

08 52 16 00-0332 35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0333	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	390.74	41.94
		For Tempered Low-E Insulated Glass, Add	*61.37*	
08 52 16 00-0334	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	410.71	43.89
		For Tempered Low-E Insulated Glass, Add	*64.78*	
08 52 16 00-0335	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	431.67	45.35
		For Tempered Low-E Insulated Glass, Add	*68.19*	
08 52 16 00-0336	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	464.43	47.30
		For Tempered Low-E Insulated Glass, Add	*73.97*	
08 52 16 00-0337	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	495.51	48.77
		For Tempered Low-E Insulated Glass, Add	*79.60*	
08 52 16 00-0338	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	525.71	49.74
		For Tempered Low-E Insulated Glass, Add	*85.25*	

08 52 16 00-0339 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0340	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	419.22	44.86
		For Tempered Low-E Insulated Glass, Add	*66.10*	
08 52 16 00-0341	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	437.89	45.84
		For Tempered Low-E Insulated Glass, Add	*69.24*	
08 52 16 00-0342	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	458.84	47.79
		For Tempered Low-E Insulated Glass, Add	*72.65*	
08 52 16 00-0343	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	506.03	49.74
		For Tempered Low-E Insulated Glass, Add	*81.31*	
08 52 16 00-0344	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	538.59	51.69
		For Tempered Low-E Insulated Glass, Add	*87.24*	
08 52 16 00-0345	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	569.27	53.64
		For Tempered Low-E Insulated Glass, Add	*92.59*	

08 52 16 00-0346 48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0347	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	459.82	48.77
		For Tempered Low-E Insulated Glass, Add	*72.65*	
08 52 16 00-0348	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	479.80	49.74
		For Tempered Low-E Insulated Glass, Add	*76.07*	
08 52 16 00-0349	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	500.75	51.69
		For Tempered Low-E Insulated Glass, Add	*79.48*	
08 52 16 00-0350	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	565.65	53.64
		For Tempered Low-E Insulated Glass, Add	*91.67*	
08 52 16 00-0351	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	591.22	55.59
		For Tempered Low-E Insulated Glass, Add	*96.20*	
08 52 16 00-0352	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	629.54	57.54
		For Tempered Low-E Insulated Glass, Add	*103.09*	

08 52 16 00-0353 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0354	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	487.34	50.72
		For Tempered Low-E Insulated Glass, Add	*77.38*	
08 52 16 00-0355	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	506.00	51.69
		For Tempered Low-E Insulated Glass, Add	*80.53*	
08 52 16 00-0356	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	526.96	53.64
		For Tempered Low-E Insulated Glass, Add	*83.94*	
08 52 16 00-0357	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	606.94	55.59
		For Tempered Low-E Insulated Glass, Add	*99.15*	
08 52 16 00-0358	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	644.93	57.54
		For Tempered Low-E Insulated Glass, Add	*106.17*	
08 52 16 00-0359	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	670.17	59.49
		For Tempered Low-E Insulated Glass, Add	*110.43*	

08 52 16 00-0360 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0361	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	526.96	53.64
		For Tempered Low-E Insulated Glass, Add	*83.94*	
08 52 16 00-0362	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	546.93	55.59
		For Tempered Low-E Insulated Glass, Add	*87.35*	
08 52 16 00-0363	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	567.89	57.05
		For Tempered Low-E Insulated Glass, Add	*90.76*	
08 52 16 00-0364	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	666.23	59.00
		For Tempered Low-E Insulated Glass, Add	*109.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0365	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	693.27	60.47
		For Tempered Low-E Insulated Glass, Add	*114.47*	
08 52 16 00-0366	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	729.47	62.42
		For Tempered Low-E Insulated Glass, Add	*120.93*	
08 52 16 00-0367		64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0368	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	555.44	56.57
		For Tempered Low-E Insulated Glass, Add	*88.66*	
08 52 16 00-0369	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	574.11	57.54
		For Tempered Low-E Insulated Glass, Add	*91.81*	
08 52 16 00-0370	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	595.07	59.49
		For Tempered Low-E Insulated Glass, Add	*95.22*	
08 52 16 00-0371	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	707.84	61.45
		For Tempered Low-E Insulated Glass, Add	*116.99*	
08 52 16 00-0372	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	733.02	63.40
		For Tempered Low-E Insulated Glass, Add	*121.44*	
08 52 16 00-0373	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	771.08	65.35
		For Tempered Low-E Insulated Glass, Add	*128.27*	
08 52 16 00-0374		71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*		
08 52 16 00-0375	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	595.07	59.49
		For Tempered Low-E Insulated Glass, Add	*95.22*	
08 52 16 00-0376	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	615.05	61.45
		For Tempered Low-E Insulated Glass, Add	*98.63*	
08 52 16 00-0377	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	636.00	62.90
		For Tempered Low-E Insulated Glass, Add	*102.04*	
08 52 16 00-0378	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	767.14	64.85
		For Tempered Low-E Insulated Glass, Add	*127.49*	
08 52 16 00-0379	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	797.96	66.32
		For Tempered Low-E Insulated Glass, Add	*133.07*	
08 52 16 00-0380	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	830.38	68.27
		For Tempered Low-E Insulated Glass, Add	*138.77*	
08 52 16 00-0381		Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0382		24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0383	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	577.50	47.79
		For Tempered Low-E Insulated Glass, Add	*96.39*	
08 52 16 00-0384	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	656.34	51.69
		For Tempered Low-E Insulated Glass, Add	*110.59*	
08 52 16 00-0385	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	747.53	55.59
		For Tempered Low-E Insulated Glass, Add	*127.27*	
08 52 16 00-0386		28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0387	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	623.03	49.74
		For Tempered Low-E Insulated Glass, Add	*104.71*	
08 52 16 00-0388	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	701.87	53.64
		For Tempered Low-E Insulated Glass, Add	*118.92*	
08 52 16 00-0389	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	793.06	57.54
		For Tempered Low-E Insulated Glass, Add	*135.60*	
08 52 16 00-0390		35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	617.45	49.74
		For Tempered Low-E Insulated Glass, Add	*103.60*	
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	697.74	53.64
		For Tempered Low-E Insulated Glass, Add	*118.29*	
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	781.62	57.54
		For Tempered Low-E Insulated Glass, Add	*133.50*	
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	878.63	60.95
		For Tempered Low-E Insulated Glass, Add	*151.34*	
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	943.67	63.88
		For Tempered Low-E Insulated Glass, Add	*163.18*	
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,051.98	68.27
		For Tempered Low-E Insulated Glass, Add	*183.09*	
08 52 16 00-0397		40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0398	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	673.49	52.17
		For Tempered Low-E Insulated Glass, Add	*113.83*	
08 52 16 00-0399	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	753.78	55.59
		For Tempered Low-E Insulated Glass, Add	*128.52*	
08 52 16 00-0400	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	837.66	59.49
		For Tempered Low-E Insulated Glass, Add	*143.74*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0401	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	934.66	63.40
		For Tempered Low-E Insulated Glass, Add	*161.58*	
08 52 16 00-0402	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,006.66	66.32
		For Tempered Low-E Insulated Glass, Add	*174.81*	
08 52 16 00-0403	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,308.71	70.71
		For Tempered Low-E Insulated Glass, Add	*233.46*	
08 52 16 00-0404		48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	756.06	56.08
		For Tempered Low-E Insulated Glass, Add	*128.78*	
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	837.66	59.49
		For Tempered Low-E Insulated Glass, Add	*143.74*	
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	921.54	63.40
		For Tempered Low-E Insulated Glass, Add	*158.95*	
08 52 16 00-0408	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,018.54	67.30
		For Tempered Low-E Insulated Glass, Add	*176.79*	
08 52 16 00-0409	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,087.53	70.22
		For Tempered Low-E Insulated Glass, Add	*189.42*	
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,191.89	74.61
		For Tempered Low-E Insulated Glass, Add	*208.54*	
08 52 16 00-0411		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	811.12	58.03
		For Tempered Low-E Insulated Glass, Add	*139.01*	
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	891.41	61.45
		For Tempered Low-E Insulated Glass, Add	*153.71*	
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	967.50	65.35
		For Tempered Low-E Insulated Glass, Add	*167.36*	
08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,072.30	69.25
		For Tempered Low-E Insulated Glass, Add	*186.76*	
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,144.56	72.17
		For Tempered Low-E Insulated Glass, Add	*200.04*	
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,246.96	76.56
		For Tempered Low-E Insulated Glass, Add	*218.77*	
08 52 16 00-0418		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	892.72	61.45
		For Tempered Low-E Insulated Glass, Add	*153.97*	
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	973.01	65.35
		For Tempered Low-E Insulated Glass, Add	*168.66*	
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,056.89	69.25
		For Tempered Low-E Insulated Glass, Add	*183.88*	
08 52 16 00-0422	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,153.89	72.66
		For Tempered Low-E Insulated Glass, Add	*201.72*	
08 52 16 00-0423	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,226.16	75.58
		For Tempered Low-E Insulated Glass, Add	*215.00*	
08 52 16 00-0424	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,327.24	79.97
		For Tempered Low-E Insulated Glass, Add	*233.46*	
08 52 16 00-0425		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0426	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	948.76	63.88
		For Tempered Low-E Insulated Glass, Add	*164.20*	
08 52 16 00-0427	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,029.03	67.30
		For Tempered Low-E Insulated Glass, Add	*178.89*	
08 52 16 00-0428	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,114.24	71.20
		For Tempered Low-E Insulated Glass, Add	*194.37*	
08 52 16 00-0429	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,211.24	75.09
		For Tempered Low-E Insulated Glass, Add	*212.21*	
08 52 16 00-0430		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0431	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,030.35	67.30
		For Tempered Low-E Insulated Glass, Add	*179.15*	
08 52 16 00-0432	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,110.63	71.20
		For Tempered Low-E Insulated Glass, Add	*193.84*	
08 52 16 00-0433	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,194.52	75.09
		For Tempered Low-E Insulated Glass, Add	*209.06*	
08 52 16 00-0434	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,291.53	78.51
		For Tempered Low-E Insulated Glass, Add	*226.90*	
08 52 16 00-0435		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0436		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0437	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	917.38	62.90
		For Tempered Low-E Insulated Glass, Add	*158.31*	
08 52 16 00-0438	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,064.68	69.25
		For Tempered Low-E Insulated Glass, Add	*185.24*	
08 52 16 00-0439		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0440	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	971.30	64.85
		For Tempered Low-E Insulated Glass, Add	*168.32*	
08 52 16 00-0441	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,110.80	71.20
		For Tempered Low-E Insulated Glass, Add	*193.68*	
08 52 16 00-0442		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0443	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	934.92	63.40
		For Tempered Low-E Insulated Glass, Add	*161.63*	
08 52 16 00-0444	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,054.61	68.27
		For Tempered Low-E Insulated Glass, Add	*183.61*	
08 52 16 00-0445	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,202.39	75.09
		For Tempered Low-E Insulated Glass, Add	*210.64*	
08 52 16 00-0446		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0447	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	988.29	66.32
		For Tempered Low-E Insulated Glass, Add	*171.33*	
08 52 16 00-0448	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,111.95	70.71
		For Tempered Low-E Insulated Glass, Add	*194.11*	
08 52 16 00-0449	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,258.43	77.04
		For Tempered Low-E Insulated Glass, Add	*220.87*	
08 52 16 00-0450		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0451	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,194.52	74.61
		For Tempered Low-E Insulated Glass, Add	*209.06*	
08 52 16 00-0452	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,341.00	80.94
		For Tempered Low-E Insulated Glass, Add	*235.82*	
08 52 16 00-0453		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0454	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,249.58	76.56
		For Tempered Low-E Insulated Glass, Add	*219.29*	
08 52 16 00-0455	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,396.05	82.89
		For Tempered Low-E Insulated Glass, Add	*246.05*	
08 52 16 00-0456		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0457	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,329.86	79.97
		For Tempered Low-E Insulated Glass, Add	*233.98*	
08 52 16 00-0458	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,477.65	86.79
		For Tempered Low-E Insulated Glass, Add	*261.01*	
08 52 16 00-0459		Awning Wood Clad Windows *(08 52 16)*		
08 52 16 00-0460		Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0459)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461		Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*		
08 52 16 00-0462		17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0463	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	299.18	39.99
		For Tempered Clear Insulated Glass, Add	*43.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0464	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	319.87	41.94
		For Tempered Clear Insulated Glass, Add	*47.20*	
08 52 16 00-0465	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	336.73	43.40
		For Tempered Clear Insulated Glass, Add	*49.99*	
08 52 16 00-0466	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	358.18	45.35
		For Tempered Clear Insulated Glass, Add	*53.50*	
08 52 16 00-0467	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	382.99	47.79
		For Tempered Clear Insulated Glass, Add	*57.48*	
08 52 16 00-0468	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	421.22	51.69
		For Tempered Clear Insulated Glass, Add	*63.57*	
08 52 16 00-0469	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	445.07	53.64
		For Tempered Clear Insulated Glass, Add	*67.56*	
08 52 16 00-0470	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	480.22	57.54
		For Tempered Clear Insulated Glass, Add	*73.22*	
08 52 16 00-0471	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	494.08	59.49
		For Tempered Clear Insulated Glass, Add	*75.02*	
08 52 16 00-0472	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	528.89	62.90
		For Tempered Clear Insulated Glass, Add	*80.62*	

08 52 16 00-0473 20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0474	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	315.21	41.94
		For Tempered Clear Insulated Glass, Add	*46.46*	
08 52 16 00-0475	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	337.48	43.89
		For Tempered Clear Insulated Glass, Add	*50.14*	
08 52 16 00-0476	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	352.12	44.86
		For Tempered Clear Insulated Glass, Add	*52.48*	
08 52 16 00-0477	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	375.79	46.82
		For Tempered Clear Insulated Glass, Add	*56.43*	
08 52 16 00-0478	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	400.61	49.74
		For Tempered Clear Insulated Glass, Add	*60.42*	
08 52 16 00-0479	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	437.79	53.15
		For Tempered Clear Insulated Glass, Add	*66.30*	
08 52 16 00-0480	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	461.63	55.59
		For Tempered Clear Insulated Glass, Add	*70.29*	
08 52 16 00-0481	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	497.84	58.52
		For Tempered Clear Insulated Glass, Add	*76.16*	
08 52 16 00-0482	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	510.48	61.45
		For Tempered Clear Insulated Glass, Add	*77.71*	
08 52 16 00-0483	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	546.31	64.37
		For Tempered Clear Insulated Glass, Add	*83.52*	
08 52 16 00-0484	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	825.50	71.20
		For Tempered Clear Insulated Glass, Add	*136.82*	

08 52 16 00-0485 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0486	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	335.38	43.89
		For Tempered Clear Insulated Glass, Add	*49.72*	
08 52 16 00-0487	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	356.08	45.84
		For Tempered Clear Insulated Glass, Add	*53.08*	
08 52 16 00-0488	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	370.26	46.82
		For Tempered Clear Insulated Glass, Add	*55.33*	
08 52 16 00-0489	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	394.38	48.77
		For Tempered Clear Insulated Glass, Add	*59.37*	
08 52 16 00-0490	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	419.20	51.69
		For Tempered Clear Insulated Glass, Add	*63.36*	
08 52 16 00-0491	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	457.43	55.10
		For Tempered Clear Insulated Glass, Add	*69.45*	
08 52 16 00-0492	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	481.27	57.54
		For Tempered Clear Insulated Glass, Add	*73.43*	
08 52 16 00-0493	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	517.49	60.47
		For Tempered Clear Insulated Glass, Add	*79.31*	
08 52 16 00-0494	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	528.89	63.40
		For Tempered Clear Insulated Glass, Add	*80.62*	
08 52 16 00-0495	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	563.64	66.32
		For Tempered Clear Insulated Glass, Add	*86.20*	
08 52 16 00-0496	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	867.67	73.15
		For Tempered Clear Insulated Glass, Add	*144.47*	

08 52 16 00-0497 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0498	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	336.14	45.84
		For Tempered Clear Insulated Glass, Add	*49.09*	
08 52 16 00-0499	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	367.33	47.79
		For Tempered Clear Insulated Glass, Add	*54.55*	
08 52 16 00-0500	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	387.51	48.77
		For Tempered Clear Insulated Glass, Add	*58.00*	
08 52 16 00-0501	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	424.52	50.72
		For Tempered Clear Insulated Glass, Add	*64.62*	
08 52 16 00-0502	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	461.93	53.64
		For Tempered Clear Insulated Glass, Add	*71.13*	
08 52 16 00-0503	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	516.95	57.05
		For Tempered Clear Insulated Glass, Add	*80.57*	

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08 52 16 00-0504	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	552.33	59.49
		For Tempered Clear Insulated Glass, Add	*86.87*	
08 52 16 00-0505	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	606.39	62.42
		For Tempered Clear Insulated Glass, Add	*96.31*	
08 52 16 00-0506	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	627.07	65.35
		For Tempered Clear Insulated Glass, Add	*99.47*	
08 52 16 00-0507	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	679.49	68.27
		For Tempered Clear Insulated Glass, Add	*108.59*	
08 52 16 00-0508	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	891.23	75.09
		For Tempered Clear Insulated Glass, Add	*148.40*	

08 52 16 00-0509 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0510	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	387.51	48.77
		For Tempered Clear Insulated Glass, Add	*58.00*	
08 52 16 00-0511	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	409.13	50.22
		For Tempered Clear Insulated Glass, Add	*61.74*	
08 52 16 00-0512	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	438.84	52.17
		For Tempered Clear Insulated Glass, Add	*66.90*	
08 52 16 00-0513	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	472.20	54.62
		For Tempered Clear Insulated Glass, Add	*72.59*	
08 52 16 00-0514	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	520.94	58.52
		For Tempered Clear Insulated Glass, Add	*80.78*	
08 52 16 00-0515	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	554.21	60.47
		For Tempered Clear Insulated Glass, Add	*86.66*	
08 52 16 00-0516	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	601.98	64.37
		For Tempered Clear Insulated Glass, Add	*94.84*	
08 52 16 00-0517	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	635.33	66.32
		For Tempered Clear Insulated Glass, Add	*100.54*	
08 52 16 00-0518	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	683.99	69.73
		For Tempered Clear Insulated Glass, Add	*108.91*	
08 52 16 00-0519	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	948.28	76.07
		For Tempered Clear Insulated Glass, Add	*159.23*	

08 52 16 00-0520 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0521	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	438.84	52.17
		For Tempered Clear Insulated Glass, Add	*66.90*	
08 52 16 00-0522	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	480.67	54.13
		For Tempered Clear Insulated Glass, Add	*74.48*	
08 52 16 00-0523	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	518.08	56.57
		For Tempered Clear Insulated Glass, Add	*80.99*	
08 52 16 00-0524	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	573.10	60.47
		For Tempered Clear Insulated Glass, Add	*90.43*	
08 52 16 00-0525	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	609.54	62.42
		For Tempered Clear Insulated Glass, Add	*96.94*	
08 52 16 00-0526	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	662.54	66.32
		For Tempered Clear Insulated Glass, Add	*106.18*	
08 52 16 00-0527	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	585.21	68.27
		For Tempered Clear Insulated Glass, Add	*89.73*	
08 52 16 00-0528	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	627.26	71.68
		For Tempered Clear Insulated Glass, Add	*96.78*	

08 52 16 00-0529 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0530	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	511.78	56.57
		For Tempered Clear Insulated Glass, Add	*79.73*	
08 52 16 00-0531	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	573.32	59.49
		For Tempered Clear Insulated Glass, Add	*91.06*	

08 52 16 00-0532 48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0533	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	604.59	60.47
		For Tempered Clear Insulated Glass, Add	*96.73*	
08 52 16 00-0534	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	667.18	63.40
		For Tempered Clear Insulated Glass, Add	*108.27*	
08 52 16 00-0535	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	758.94	66.80
		For Tempered Clear Insulated Glass, Add	*125.07*	

08 52 16 00-0536 59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0537	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	743.12	65.83
		For Tempered Clear Insulated Glass, Add	*122.29*	
08 52 16 00-0538	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	798.12	68.27
		For Tempered Clear Insulated Glass, Add	*132.32*	

08 52 16 00-0539 71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0540	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	809.24	66.32
		For Tempered Clear Insulated Glass, Add	*135.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0541	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	839.10	71.68
		For Tempered Clear Insulated Glass, Add	*139.15*	
08 52 16 00-0542	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	925.52	74.12
		For Tempered Clear Insulated Glass, Add	*155.46*	
08 52 16 00-0543	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,014.65	78.02
		For Tempered Clear Insulated Glass, Add	*171.72*	
08 52 16 00-0544		Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*		
08 52 16 00-0545		17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0546	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	266.64	39.99
		For Tempered Clear Insulated Glass, Add	*37.33*	
08 52 16 00-0547	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	286.29	41.94
		For Tempered Clear Insulated Glass, Add	*40.48*	
08 52 16 00-0548	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	299.35	43.40
		For Tempered Clear Insulated Glass, Add	*42.51*	
08 52 16 00-0549	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	320.40	45.35
		For Tempered Clear Insulated Glass, Add	*45.94*	
08 52 16 00-0550	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	343.11	47.79
		For Tempered Clear Insulated Glass, Add	*49.51*	
08 52 16 00-0551	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	378.19	51.69
		For Tempered Clear Insulated Glass, Add	*54.96*	
08 52 16 00-0552	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	398.89	53.64
		For Tempered Clear Insulated Glass, Add	*58.32*	
08 52 16 00-0553	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	431.95	57.54
		For Tempered Clear Insulated Glass, Add	*63.57*	
08 52 16 00-0554	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	454.67	59.49
		For Tempered Clear Insulated Glass, Add	*67.14*	
08 52 16 00-0555	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	487.73	62.90
		For Tempered Clear Insulated Glass, Add	*72.38*	
08 52 16 00-0556		20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0557	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	282.16	41.94
		For Tempered Clear Insulated Glass, Add	*39.85*	
08 52 16 00-0558	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	301.80	43.89
		For Tempered Clear Insulated Glass, Add	*43.00*	
08 52 16 00-0559	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	313.85	44.86
		For Tempered Clear Insulated Glass, Add	*44.83*	
08 52 16 00-0560	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	336.96	46.82
		For Tempered Clear Insulated Glass, Add	*48.67*	
08 52 16 00-0561	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	359.68	49.74
		For Tempered Clear Insulated Glass, Add	*52.24*	
08 52 16 00-0562	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	393.72	53.15
		For Tempered Clear Insulated Glass, Add	*57.48*	
08 52 16 00-0563	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	415.46	55.59
		For Tempered Clear Insulated Glass, Add	*61.05*	
08 52 16 00-0564	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	447.47	58.52
		For Tempered Clear Insulated Glass, Add	*66.09*	
08 52 16 00-0565	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	471.24	61.45
		For Tempered Clear Insulated Glass, Add	*69.87*	
08 52 16 00-0566	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	503.25	64.37
		For Tempered Clear Insulated Glass, Add	*74.90*	
08 52 16 00-0567		24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0568	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	299.70	43.89
		For Tempered Clear Insulated Glass, Add	*42.58*	
08 52 16 00-0569	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	319.35	45.84
		For Tempered Clear Insulated Glass, Add	*45.73*	
08 52 16 00-0570	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	330.21	46.82
		For Tempered Clear Insulated Glass, Add	*47.32*	
08 52 16 00-0571	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	353.46	48.77
		For Tempered Clear Insulated Glass, Add	*51.19*	
08 52 16 00-0572	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	376.18	51.69
		For Tempered Clear Insulated Glass, Add	*54.76*	
08 52 16 00-0573	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	410.21	55.10
		For Tempered Clear Insulated Glass, Add	*60.00*	
08 52 16 00-0574	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	431.95	57.54
		For Tempered Clear Insulated Glass, Add	*63.57*	
08 52 16 00-0575	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	465.02	60.47
		For Tempered Clear Insulated Glass, Add	*68.82*	
08 52 16 00-0576	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	487.73	63.40
		For Tempered Clear Insulated Glass, Add	*72.38*	
08 52 16 00-0577	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	520.79	66.32
		For Tempered Clear Insulated Glass, Add	*77.63*	
08 52 16 00-0578		28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0579	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	302.56	45.84
		For Tempered Clear Insulated Glass, Add	*42.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0580	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	328.50	47.79
		For Tempered Clear Insulated Glass, Add	*46.78*	
08 52 16 00-0581	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	343.01	48.77
		For Tempered Clear Insulated Glass, Add	*49.10*	
08 52 16 00-0582	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	357.36	50.72
		For Tempered Clear Insulated Glass, Add	*51.19*	
08 52 16 00-0583	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	405.26	53.64
		For Tempered Clear Insulated Glass, Add	*59.79*	
08 52 16 00-0584	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	449.79	57.05
		For Tempered Clear Insulated Glass, Add	*67.14*	
08 52 16 00-0585	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	478.88	59.49
		For Tempered Clear Insulated Glass, Add	*72.18*	
08 52 16 00-0586	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	522.43	62.42
		For Tempered Clear Insulated Glass, Add	*79.52*	
08 52 16 00-0587	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	553.55	65.35
		For Tempered Clear Insulated Glass, Add	*84.77*	
08 52 16 00-0588	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	597.11	68.27
		For Tempered Clear Insulated Glass, Add	*92.11*	

08 52 16 00-0589 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0590	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	343.01	48.77
		For Tempered Clear Insulated Glass, Add	*49.10*	
08 52 16 00-0591	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	361.07	50.22
		For Tempered Clear Insulated Glass, Add	*52.12*	
08 52 16 00-0592	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	385.44	52.17
		For Tempered Clear Insulated Glass, Add	*56.22*	
08 52 16 00-0593	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	413.46	54.62
		For Tempered Clear Insulated Glass, Add	*60.85*	
08 52 16 00-0594	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	454.19	58.52
		For Tempered Clear Insulated Glass, Add	*67.43*	
08 52 16 00-0595	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	481.23	60.47
		For Tempered Clear Insulated Glass, Add	*72.06*	
08 52 16 00-0596	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	520.99	64.37
		For Tempered Clear Insulated Glass, Add	*78.65*	
08 52 16 00-0597	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	548.11	66.32
		For Tempered Clear Insulated Glass, Add	*83.10*	
08 52 16 00-0598	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	587.87	69.73
		For Tempered Clear Insulated Glass, Add	*89.68*	

08 52 16 00-0599 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0600	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	385.44	52.17
		For Tempered Clear Insulated Glass, Add	*56.22*	
08 52 16 00-0601	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	420.85	54.13
		For Tempered Clear Insulated Glass, Add	*62.52*	
08 52 16 00-0602	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	450.92	56.57
		For Tempered Clear Insulated Glass, Add	*67.56*	
08 52 16 00-0603	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	496.50	60.47
		For Tempered Clear Insulated Glass, Add	*75.11*	
08 52 16 00-0604	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	525.58	62.42
		For Tempered Clear Insulated Glass, Add	*80.15*	
08 52 16 00-0605	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	569.14	66.32
		For Tempered Clear Insulated Glass, Add	*87.50*	
08 52 16 00-0606	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	599.21	68.27
		For Tempered Clear Insulated Glass, Add	*92.53*	
08 52 16 00-0607	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	642.76	71.68
		For Tempered Clear Insulated Glass, Add	*99.88*	

08 52 16 00-0608 Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0459)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0609 Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*

08 52 16 00-0610 17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0611	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	351.12	39.99
		For Tempered Low-E Insulated Glass, Add	*54.23*	
08 52 16 00-0612	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	376.01	41.94
		For Tempered Low-E Insulated Glass, Add	*58.43*	
08 52 16 00-0613	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	396.36	43.40
		For Tempered Low-E Insulated Glass, Add	*61.91*	
08 52 16 00-0614	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	422.19	45.35
		For Tempered Low-E Insulated Glass, Add	*66.30*	
08 52 16 00-0615	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	451.99	47.79
		For Tempered Low-E Insulated Glass, Add	*71.28*	
08 52 16 00-0616	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	497.83	51.69
		For Tempered Low-E Insulated Glass, Add	*78.89*	
08 52 16 00-0617	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	526.66	53.64
		For Tempered Low-E Insulated Glass, Add	*83.88*	
08 52 16 00-0618	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	568.90	57.54
		For Tempered Low-E Insulated Glass, Add	*90.96*	
08 52 16 00-0619	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	585.00	59.49
		For Tempered Low-E Insulated Glass, Add	*93.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0620	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	626.80	62.90
		For Tempered Low-E Insulated Glass, Add	*100.20*	

08 52 16 00-0621 20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0622	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	370.43	41.94
		For Tempered Low-E Insulated Glass, Add	*57.51*	
08 52 16 00-0623	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	397.29	43.89
		For Tempered Low-E Insulated Glass, Add	*62.10*	
08 52 16 00-0624	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	414.87	44.86
		For Tempered Low-E Insulated Glass, Add	*65.03*	
08 52 16 00-0625	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	443.48	46.82
		For Tempered Low-E Insulated Glass, Add	*69.97*	
08 52 16 00-0626	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	473.28	49.74
		For Tempered Low-E Insulated Glass, Add	*74.96*	
08 52 16 00-0627	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	517.81	53.15
		For Tempered Low-E Insulated Glass, Add	*82.30*	
08 52 16 00-0628	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	546.63	55.59
		For Tempered Low-E Insulated Glass, Add	*87.29*	
08 52 16 00-0629	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	590.19	58.52
		For Tempered Low-E Insulated Glass, Add	*94.63*	
08 52 16 00-0630	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	604.77	61.45
		For Tempered Low-E Insulated Glass, Add	*96.57*	
08 52 16 00-0631	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	647.85	64.37
		For Tempered Low-E Insulated Glass, Add	*103.82*	
08 52 16 00-0632	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	993.67	71.20
		For Tempered Low-E Insulated Glass, Add	*170.45*	

08 52 16 00-0633 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0634	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	394.67	43.89
		For Tempered Low-E Insulated Glass, Add	*61.58*	
08 52 16 00-0635	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	419.57	45.84
		For Tempered Low-E Insulated Glass, Add	*65.77*	
08 52 16 00-0636	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	436.57	46.82
		For Tempered Low-E Insulated Glass, Add	*68.59*	
08 52 16 00-0637	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	465.74	48.77
		For Tempered Low-E Insulated Glass, Add	*73.64*	
08 52 16 00-0638	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	495.54	51.69
		For Tempered Low-E Insulated Glass, Add	*78.63*	
08 52 16 00-0639	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	541.39	55.10
		For Tempered Low-E Insulated Glass, Add	*86.24*	
08 52 16 00-0640	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	570.21	57.54
		For Tempered Low-E Insulated Glass, Add	*91.22*	
08 52 16 00-0641	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	613.77	60.47
		For Tempered Low-E Insulated Glass, Add	*98.57*	
08 52 16 00-0642	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	626.80	63.40
		For Tempered Low-E Insulated Glass, Add	*100.20*	
08 52 16 00-0643	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	668.54	66.32
		For Tempered Low-E Insulated Glass, Add	*107.18*	
08 52 16 00-0644	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,045.41	73.15
		For Tempered Low-E Insulated Glass, Add	*180.02*	

08 52 16 00-0645 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0646	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	394.65	45.84
		For Tempered Low-E Insulated Glass, Add	*60.79*	
08 52 16 00-0647	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	432.65	47.79
		For Tempered Low-E Insulated Glass, Add	*67.61*	
08 52 16 00-0648	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	457.16	48.77
		For Tempered Low-E Insulated Glass, Add	*71.93*	
08 52 16 00-0649	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	502.44	50.72
		For Tempered Low-E Insulated Glass, Add	*80.20*	
08 52 16 00-0650	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	547.98	53.64
		For Tempered Low-E Insulated Glass, Add	*88.34*	
08 52 16 00-0651	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	614.81	57.05
		For Tempered Low-E Insulated Glass, Add	*100.14*	
08 52 16 00-0652	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	658.06	59.49
		For Tempered Low-E Insulated Glass, Add	*108.01*	
08 52 16 00-0653	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	723.92	62.42
		For Tempered Low-E Insulated Glass, Add	*119.82*	
08 52 16 00-0654	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	748.56	65.35
		For Tempered Low-E Insulated Glass, Add	*123.77*	
08 52 16 00-0655	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	926.62	68.27
		For Tempered Low-E Insulated Glass, Add	*158.02*	
08 52 16 00-0656	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,073.88	75.09
		For Tempered Low-E Insulated Glass, Add	*184.93*	

08 52 16 00-0657 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0658	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	457.16	48.77
		For Tempered Low-E Insulated Glass, Add	*71.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0659	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	483.45	50.22
		For Tempered Low-E Insulated Glass, Add	*76.60*	
08 52 16 00-0660	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	519.61	52.17
		For Tempered Low-E Insulated Glass, Add	*83.05*	
08 52 16 00-0661	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	560.09	54.62
		For Tempered Low-E Insulated Glass, Add	*90.17*	
08 52 16 00-0662	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	619.07	58.52
		For Tempered Low-E Insulated Glass, Add	*100.41*	
08 52 16 00-0663	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	659.68	60.47
		For Tempered Low-E Insulated Glass, Add	*107.75*	
08 52 16 00-0664	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	717.68	64.37
		For Tempered Low-E Insulated Glass, Add	*117.98*	
08 52 16 00-0665	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	758.15	66.32
		For Tempered Low-E Insulated Glass, Add	*125.10*	
08 52 16 00-0666	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	817.27	69.73
		For Tempered Low-E Insulated Glass, Add	*135.56*	
08 52 16 00-0667	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,144.46	76.07
		For Tempered Low-E Insulated Glass, Add	*198.46*	

08 52 16 00-0668 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0669	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	519.61	52.17
		For Tempered Low-E Insulated Glass, Add	*83.05*	
08 52 16 00-0670	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	570.92	54.13
		For Tempered Low-E Insulated Glass, Add	*92.53*	
08 52 16 00-0671	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	616.46	56.57
		For Tempered Low-E Insulated Glass, Add	*100.67*	
08 52 16 00-0672	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	683.29	60.47
		For Tempered Low-E Insulated Glass, Add	*112.47*	
08 52 16 00-0673	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	727.86	62.42
		For Tempered Low-E Insulated Glass, Add	*120.61*	
08 52 16 00-0674	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	792.40	66.32
		For Tempered Low-E Insulated Glass, Add	*132.15*	
08 52 16 00-0675	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	694.52	68.27
		For Tempered Low-E Insulated Glass, Add	*111.60*	
08 52 16 00-0676	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	745.37	71.68
		For Tempered Low-E Insulated Glass, Add	*120.40*	

08 52 16 00-0677 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0678	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	603.71	56.57
		For Tempered Low-E Insulated Glass, Add	*99.09*	
08 52 16 00-0679	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	687.23	60.47
		For Tempered Low-E Insulated Glass, Add	*113.26*	

08 52 16 00-0680 48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0681	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	722.64	60.47
		For Tempered Low-E Insulated Glass, Add	*120.34*	
08 52 16 00-0682	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	799.67	63.40
		For Tempered Low-E Insulated Glass, Add	*134.77*	
08 52 16 00-0683	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	912.41	66.80
		For Tempered Low-E Insulated Glass, Add	*155.76*	

08 52 16 00-0684 59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0685	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	893.13	65.83
		For Tempered Low-E Insulated Glass, Add	*152.29*	
08 52 16 00-0686	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	960.65	68.27
		For Tempered Low-E Insulated Glass, Add	*164.82*	

08 52 16 00-0687 71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0688	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	975.54	66.32
		For Tempered Low-E Insulated Glass, Add	*168.58*	
08 52 16 00-0689	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,010.18	71.68
		For Tempered Low-E Insulated Glass, Add	*173.36*	
08 52 16 00-0690	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,116.98	74.12
		For Tempered Low-E Insulated Glass, Add	*193.75*	
08 52 16 00-0691	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,226.45	78.02
		For Tempered Low-E Insulated Glass, Add	*214.08*	

08 52 16 00-0692 Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*

08 52 16 00-0693 17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0694	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	310.46	39.99
		For Tempered Low-E Insulated Glass, Add	*46.10*	
08 52 16 00-0695	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	334.03	41.94
		For Tempered Low-E Insulated Glass, Add	*50.03*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0696	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	349.64	43.40
		For Tempered Low-E Insulated Glass, Add	*52.57*	
08 52 16 00-0697	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	374.97	45.35
		For Tempered Low-E Insulated Glass, Add	*56.85*	
08 52 16 00-0698	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	402.14	47.79
		For Tempered Low-E Insulated Glass, Add	*61.31*	
08 52 16 00-0699	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	444.04	51.69
		For Tempered Low-E Insulated Glass, Add	*68.13*	
08 52 16 00-0700	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	468.94	53.64
		For Tempered Low-E Insulated Glass, Add	*72.33*	
08 52 16 00-0701	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	508.56	57.54
		For Tempered Low-E Insulated Glass, Add	*78.89*	
08 52 16 00-0702	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	535.74	59.49
		For Tempered Low-E Insulated Glass, Add	*83.35*	
08 52 16 00-0703	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	575.36	62.90
		For Tempered Low-E Insulated Glass, Add	*89.91*	

08 52 16 00-0704 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0705	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	329.12	41.94
		For Tempered Low-E Insulated Glass, Add	*49.25*	
08 52 16 00-0706	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	352.69	43.89
		For Tempered Low-E Insulated Glass, Add	*53.18*	
08 52 16 00-0707	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	367.03	44.86
		For Tempered Low-E Insulated Glass, Add	*55.46*	
08 52 16 00-0708	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	394.94	46.82
		For Tempered Low-E Insulated Glass, Add	*60.26*	
08 52 16 00-0709	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	422.12	49.74
		For Tempered Low-E Insulated Glass, Add	*64.72*	
08 52 16 00-0710	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	462.72	53.15
		For Tempered Low-E Insulated Glass, Add	*71.28*	
08 52 16 00-0711	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	488.92	55.59
		For Tempered Low-E Insulated Glass, Add	*75.74*	
08 52 16 00-0712	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	527.23	58.52
		For Tempered Low-E Insulated Glass, Add	*82.04*	
08 52 16 00-0713	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	555.72	61.45
		For Tempered Low-E Insulated Glass, Add	*86.76*	
08 52 16 00-0714	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	594.02	64.37
		For Tempered Low-E Insulated Glass, Add	*93.06*	

08 52 16 00-0715 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0716	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	350.07	43.89
		For Tempered Low-E Insulated Glass, Add	*52.66*	
08 52 16 00-0717	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	373.66	45.84
		For Tempered Low-E Insulated Glass, Add	*56.59*	
08 52 16 00-0718	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	386.51	46.82
		For Tempered Low-E Insulated Glass, Add	*58.58*	
08 52 16 00-0719	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	414.58	48.77
		For Tempered Low-E Insulated Glass, Add	*63.41*	
08 52 16 00-0720	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	441.76	51.69
		For Tempered Low-E Insulated Glass, Add	*67.87*	
08 52 16 00-0721	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	482.36	55.10
		For Tempered Low-E Insulated Glass, Add	*74.43*	
08 52 16 00-0722	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	508.56	57.54
		For Tempered Low-E Insulated Glass, Add	*78.89*	
08 52 16 00-0723	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	548.18	60.47
		For Tempered Low-E Insulated Glass, Add	*85.45*	
08 52 16 00-0724	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	575.36	63.40
		For Tempered Low-E Insulated Glass, Add	*89.91*	
08 52 16 00-0725	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	614.97	66.32
		For Tempered Low-E Insulated Glass, Add	*96.47*	

08 52 16 00-0726 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0727	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	352.67	45.84
		For Tempered Low-E Insulated Glass, Add	*52.39*	
08 52 16 00-0728	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	384.12	47.79
		For Tempered Low-E Insulated Glass, Add	*57.90*	
08 52 16 00-0729	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	401.53	48.77
		For Tempered Low-E Insulated Glass, Add	*60.80*	
08 52 16 00-0730	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	418.48	50.72
		For Tempered Low-E Insulated Glass, Add	*63.41*	
08 52 16 00-0731	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	477.14	53.64
		For Tempered Low-E Insulated Glass, Add	*74.17*	
08 52 16 00-0732	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	530.86	57.05
		For Tempered Low-E Insulated Glass, Add	*83.35*	
08 52 16 00-0733	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	566.24	59.49
		For Tempered Low-E Insulated Glass, Add	*89.65*	
08 52 16 00-0734	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	618.98	62.42
		For Tempered Low-E Insulated Glass, Add	*98.83*	
08 52 16 00-0735	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	656.65	65.35
		For Tempered Low-E Insulated Glass, Add	*105.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0736	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	709.40	68.27
		For Tempered Low-E Insulated Glass, Add	*114.57*	

08 52 16 00-0737 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0738	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	401.53	48.77
		For Tempered Low-E Insulated Glass, Add	*60.80*	
08 52 16 00-0739	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	423.37	50.22
		For Tempered Low-E Insulated Glass, Add	*64.58*	
08 52 16 00-0740	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	452.86	52.17
		For Tempered Low-E Insulated Glass, Add	*69.70*	
08 52 16 00-0741	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	486.67	54.62
		For Tempered Low-E Insulated Glass, Add	*75.49*	
08 52 16 00-0742	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	535.63	58.52
		For Tempered Low-E Insulated Glass, Add	*83.72*	
08 52 16 00-0743	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	568.45	60.47
		For Tempered Low-E Insulated Glass, Add	*89.50*	
08 52 16 00-0744	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	616.45	64.37
		For Tempered Low-E Insulated Glass, Add	*97.74*	
08 52 16 00-0745	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	649.13	66.32
		For Tempered Low-E Insulated Glass, Add	*103.30*	
08 52 16 00-0746	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	697.12	69.73
		For Tempered Low-E Insulated Glass, Add	*111.53*	

08 52 16 00-0747 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0748	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	452.86	52.17
		For Tempered Low-E Insulated Glass, Add	*69.70*	
08 52 16 00-0749	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	496.15	54.13
		For Tempered Low-E Insulated Glass, Add	*77.58*	
08 52 16 00-0750	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	532.51	56.57
		For Tempered Low-E Insulated Glass, Add	*83.88*	
08 52 16 00-0751	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	587.53	60.47
		For Tempered Low-E Insulated Glass, Add	*93.32*	
08 52 16 00-0752	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	622.92	62.42
		For Tempered Low-E Insulated Glass, Add	*99.62*	
08 52 16 00-0753	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	675.66	66.32
		For Tempered Low-E Insulated Glass, Add	*108.80*	
08 52 16 00-0754	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	712.02	68.27
		For Tempered Low-E Insulated Glass, Add	*115.10*	
08 52 16 00-0755	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	764.75	71.68
		For Tempered Low-E Insulated Glass, Add	*124.28*	

08 52 16 00-0756 Horizontal Sliding Wood Clad Windows *(08 52 16)*

08 52 16 00-0757 One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0756)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0758 17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0759	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	371.79	51.69
		For Tempered Clear Insulated Glass, Add	*53.88*	

08 52 16 00-0760 23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0761	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	342.63	47.79
		For Tempered Clear Insulated Glass, Add	*49.22*	
08 52 16 00-0762	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	399.66	54.62
		For Tempered Clear Insulated Glass, Add	*58.28*	

08 52 16 00-0763 35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0764	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	399.66	54.62
		For Tempered Clear Insulated Glass, Add	*58.28*	
08 52 16 00-0765	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	456.69	60.47
		For Tempered Clear Insulated Glass, Add	*67.35*	
08 52 16 00-0766	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	513.73	65.83
		For Tempered Clear Insulated Glass, Add	*76.41*	
08 52 16 00-0767	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	570.76	71.68
		For Tempered Clear Insulated Glass, Add	*85.48*	

08 52 16 00-0768 41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0769	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	428.82	57.54
		For Tempered Clear Insulated Glass, Add	*62.94*	
08 52 16 00-0770	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	484.57	63.40
		For Tempered Clear Insulated Glass, Add	*71.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0771	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	541.60	68.76
		For Tempered Clear Insulated Glass, Add	*80.82*	
08 52 16 00-0772	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	643.96	74.61
		For Tempered Clear Insulated Glass, Add	*98.95*	

08 52 16 00-0773 47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0774	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	456.69	60.47
		For Tempered Clear Insulated Glass, Add	*67.35*	
08 52 16 00-0775	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	513.73	66.32
		For Tempered Clear Insulated Glass, Add	*76.41*	
08 52 16 00-0776	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	570.76	71.68
		For Tempered Clear Insulated Glass, Add	*85.48*	
08 52 16 00-0777	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	627.80	77.53
		For Tempered Clear Insulated Glass, Add	*94.55*	

08 52 16 00-0778 53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0779	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	541.60	69.25
		For Tempered Clear Insulated Glass, Add	*80.82*	
08 52 16 00-0780	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	598.63	74.61
		For Tempered Clear Insulated Glass, Add	*89.88*	
08 52 16 00-0781	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	655.67	80.46
		For Tempered Clear Insulated Glass, Add	*98.95*	

08 52 16 00-0782 59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0783	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	570.76	72.17
		For Tempered Clear Insulated Glass, Add	*85.48*	
08 52 16 00-0784	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	627.80	77.53
		For Tempered Clear Insulated Glass, Add	*94.55*	
08 52 16 00-0785	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	684.93	83.39
		For Tempered Clear Insulated Glass, Add	*103.63*	

08 52 16 00-0786 Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0756)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0787 22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0788	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	797.09	47.79
		For Tempered Low-E Insulated Glass, Add	*140.11*	
08 52 16 00-0789	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	947.37	54.62
		For Tempered Low-E Insulated Glass, Add	*167.82*	

08 52 16 00-0790 35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0791	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	959.03	54.62
		For Tempered Low-E Insulated Glass, Add	*170.16*	
08 52 16 00-0792	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,110.61	60.47
		For Tempered Low-E Insulated Glass, Add	*198.13*	
08 52 16 00-0793	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,260.90	65.83
		For Tempered Low-E Insulated Glass, Add	*225.85*	
08 52 16 00-0794	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,411.18	71.68
		For Tempered Low-E Insulated Glass, Add	*253.56*	

08 52 16 00-0795 41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0796	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,034.82	57.54
		For Tempered Low-E Insulated Glass, Add	*184.14*	
08 52 16 00-0797	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,185.11	63.40
		For Tempered Low-E Insulated Glass, Add	*211.86*	
08 52 16 00-0798	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,336.69	68.76
		For Tempered Low-E Insulated Glass, Add	*239.84*	
08 52 16 00-0799	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,486.97	74.61
		For Tempered Low-E Insulated Glass, Add	*267.55*	

08 52 16 00-0800 47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0801	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,110.61	60.47
		For Tempered Low-E Insulated Glass, Add	*198.13*	
08 52 16 00-0802	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,260.90	66.32
		For Tempered Low-E Insulated Glass, Add	*225.85*	
08 52 16 00-0803	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,411.18	71.68
		For Tempered Low-E Insulated Glass, Add	*253.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0804	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,562.77	77.53
		For Tempered Low-E Insulated Glass, Add	*281.54*	

08 52 16 00-0805 59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*

08 52 16 00-0806	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,260.90	66.32
		For Tempered Low-E Insulated Glass, Add	*225.85*	
08 52 16 00-0807	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,411.18	72.17
		For Tempered Low-E Insulated Glass, Add	*253.56*	
08 52 16 00-0808	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,562.77	77.53
		For Tempered Low-E Insulated Glass, Add	*281.54*	
08 52 16 00-0809	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,713.05	83.39
		For Tempered Low-E Insulated Glass, Add	*309.26*	

08 52 16 00-0810 Picture Wood Clad Windows *(08 52 16)*

08 52 16 00-0811 Picture Wood Clad Windows For Awning And Casement Windows *(08 52 16 00-0810)*

08 52 16 00-0812 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0811)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0813 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0814	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	291.73	39.01
		For Tempered Clear Insulated Glass, Add	*42.74*	
08 52 16 00-0815	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	340.02	42.91
		For Tempered Clear Insulated Glass, Add	*50.84*	
08 52 16 00-0816	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	360.86	44.86
		For Tempered Clear Insulated Glass, Add	*54.23*	
08 52 16 00-0817	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	391.23	48.77
		For Tempered Clear Insulated Glass, Add	*58.94*	
08 52 16 00-0818	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	412.11	50.72
		For Tempered Clear Insulated Glass, Add	*62.14*	
08 52 16 00-0819	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	442.47	54.62
		For Tempered Clear Insulated Glass, Add	*66.84*	

08 52 16 00-0820 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0821	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	326.14	47.79
		For Tempered Clear Insulated Glass, Add	*46.11*	
08 52 16 00-0822	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	374.58	50.72
		For Tempered Clear Insulated Glass, Add	*54.83*	
08 52 16 00-0823	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	446.13	54.13
		For Tempered Clear Insulated Glass, Add	*67.58*	
08 52 16 00-0824	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	492.53	56.08
		For Tempered Clear Insulated Glass, Add	*76.08*	
08 52 16 00-0825	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	562.05	59.49
		For Tempered Clear Insulated Glass, Add	*88.61*	
08 52 16 00-0826	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	610.50	61.93
		For Tempered Clear Insulated Glass, Add	*97.33*	
08 52 16 00-0827	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	892.51	65.35
		For Tempered Clear Insulated Glass, Add	*152.37*	

08 52 16 00-0828 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0829	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	374.58	50.72
		For Tempered Clear Insulated Glass, Add	*54.83*	
08 52 16 00-0830	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	423.01	52.67
		For Tempered Clear Insulated Glass, Add	*63.54*	
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	494.58	56.57
		For Tempered Clear Insulated Glass, Add	*76.29*	
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	540.98	58.52
		For Tempered Clear Insulated Glass, Add	*84.79*	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	610.50	62.42
		For Tempered Clear Insulated Glass, Add	*97.33*	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	658.93	64.37
		For Tempered Clear Insulated Glass, Add	*106.04*	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	728.45	68.27
		For Tempered Clear Insulated Glass, Add	*118.58*	

08 52 16 00-0836 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0837	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	446.13	54.62
		For Tempered Clear Insulated Glass, Add	*67.58*	
08 52 16 00-0838	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	494.58	56.57
		For Tempered Clear Insulated Glass, Add	*76.29*	
08 52 16 00-0839	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	566.13	60.47
		For Tempered Clear Insulated Glass, Add	*89.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0840	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	612.53	62.42
		For Tempered Clear Insulated Glass, Add	*97.54*	
08 52 16 00-0841	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	682.05	66.32
		For Tempered Clear Insulated Glass, Add	*110.08*	
08 52 16 00-0842	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	730.49	68.27
		For Tempered Clear Insulated Glass, Add	*118.79*	
08 52 16 00-0843	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	800.00	72.17
		For Tempered Clear Insulated Glass, Add	*131.33*	

08 52 16 00-0844 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0845	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	492.53	56.57
		For Tempered Clear Insulated Glass, Add	*76.08*	
08 52 16 00-0846	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	540.98	58.52
		For Tempered Clear Insulated Glass, Add	*84.79*	
08 52 16 00-0847	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	612.53	62.42
		For Tempered Clear Insulated Glass, Add	*97.54*	
08 52 16 00-0848	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	658.93	64.37
		For Tempered Clear Insulated Glass, Add	*106.04*	
08 52 16 00-0849	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	728.45	68.27
		For Tempered Clear Insulated Glass, Add	*118.58*	
08 52 16 00-0850	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	776.89	70.22
		For Tempered Clear Insulated Glass, Add	*127.29*	
08 52 16 00-0851	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	909.09	74.12
		For Tempered Clear Insulated Glass, Add	*152.37*	

08 52 16 00-0852 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0853	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	562.05	59.49
		For Tempered Clear Insulated Glass, Add	*88.61*	
08 52 16 00-0854	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	610.50	62.42
		For Tempered Clear Insulated Glass, Add	*97.33*	
08 52 16 00-0855	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	682.05	65.83
		For Tempered Clear Insulated Glass, Add	*110.08*	
08 52 16 00-0856	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	728.45	67.78
		For Tempered Clear Insulated Glass, Add	*118.58*	
08 52 16 00-0857	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	797.97	71.20
		For Tempered Clear Insulated Glass, Add	*131.12*	
08 52 16 00-0858	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	846.40	73.63
		For Tempered Clear Insulated Glass, Add	*139.83*	
08 52 16 00-0859	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	915.92	77.04
		For Tempered Clear Insulated Glass, Add	*152.37*	

08 52 16 00-0860 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0861	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	610.50	62.42
		For Tempered Clear Insulated Glass, Add	*97.33*	
08 52 16 00-0862	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	658.93	64.37
		For Tempered Clear Insulated Glass, Add	*106.04*	
08 52 16 00-0863	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	730.49	68.27
		For Tempered Clear Insulated Glass, Add	*118.79*	
08 52 16 00-0864	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	776.89	70.22
		For Tempered Clear Insulated Glass, Add	*127.29*	
08 52 16 00-0865	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	909.09	74.12
		For Tempered Clear Insulated Glass, Add	*152.37*	

08 52 16 00-0866 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0867	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	680.00	65.35
		For Tempered Clear Insulated Glass, Add	*109.86*	
08 52 16 00-0868	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	728.45	68.27
		For Tempered Clear Insulated Glass, Add	*118.58*	
08 52 16 00-0869	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	800.00	71.68
		For Tempered Clear Insulated Glass, Add	*131.33*	
08 52 16 00-0870	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	846.40	73.63
		For Tempered Clear Insulated Glass, Add	*139.83*	
08 52 16 00-0871	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	915.92	77.04
		For Tempered Clear Insulated Glass, Add	*152.37*	

08 52 16 00-0872 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0811)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0873 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0874	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	341.87	39.01
		For Tempered Low-E Insulated Glass, Add	*52.77*	
08 52 16 00-0875	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	399.65	42.91
		For Tempered Low-E Insulated Glass, Add	*62.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0876	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	424.47	44.86
		For Tempered Low-E Insulated Glass, Add	*66.95*	
08 52 16 00-0877	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	460.35	48.77
		For Tempered Low-E Insulated Glass, Add	*72.76*	
08 52 16 00-0878	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	484.98	50.72
		For Tempered Low-E Insulated Glass, Add	*76.71*	
08 52 16 00-0879	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	520.87	54.62
		For Tempered Low-E Insulated Glass, Add	*82.52*	

08 52 16 00-0880 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0881	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	380.22	47.79
		For Tempered Low-E Insulated Glass, Add	*56.93*	
08 52 16 00-0882	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	438.88	50.72
		For Tempered Low-E Insulated Glass, Add	*67.69*	
08 52 16 00-0883	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	525.39	54.13
		For Tempered Low-E Insulated Glass, Add	*83.43*	
08 52 16 00-0884	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	581.76	56.08
		For Tempered Low-E Insulated Glass, Add	*93.92*	
08 52 16 00-0885	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	665.98	59.49
		For Tempered Low-E Insulated Glass, Add	*109.40*	
08 52 16 00-0886	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	724.64	61.93
		For Tempered Low-E Insulated Glass, Add	*120.16*	
08 52 16 00-0887	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,071.21	65.35
		For Tempered Low-E Insulated Glass, Add	*188.11*	

08 52 16 00-0888 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0889	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	438.88	50.72
		For Tempered Low-E Insulated Glass, Add	*67.69*	
08 52 16 00-0890	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	497.53	52.67
		For Tempered Low-E Insulated Glass, Add	*78.44*	
08 52 16 00-0891	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	584.05	56.57
		For Tempered Low-E Insulated Glass, Add	*94.18*	
08 52 16 00-0892	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	640.42	58.52
		For Tempered Low-E Insulated Glass, Add	*104.68*	
08 52 16 00-0893	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	724.64	62.42
		For Tempered Low-E Insulated Glass, Add	*120.16*	
08 52 16 00-0894	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	783.30	64.37
		For Tempered Low-E Insulated Glass, Add	*130.91*	
08 52 16 00-0895	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	867.52	68.27
		For Tempered Low-E Insulated Glass, Add	*146.39*	

08 52 16 00-0896 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0897	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	525.39	54.62
		For Tempered Low-E Insulated Glass, Add	*83.43*	
08 52 16 00-0898	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	584.05	56.57
		For Tempered Low-E Insulated Glass, Add	*94.18*	
08 52 16 00-0899	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	670.56	60.47
		For Tempered Low-E Insulated Glass, Add	*109.93*	
08 52 16 00-0900	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	726.93	62.42
		For Tempered Low-E Insulated Glass, Add	*120.42*	
08 52 16 00-0901	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	811.15	66.32
		For Tempered Low-E Insulated Glass, Add	*135.90*	
08 52 16 00-0902	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	869.81	68.27
		For Tempered Low-E Insulated Glass, Add	*146.65*	
08 52 16 00-0903	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	954.02	72.17
		For Tempered Low-E Insulated Glass, Add	*162.13*	

08 52 16 00-0904 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0905	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	581.76	56.57
		For Tempered Low-E Insulated Glass, Add	*93.92*	
08 52 16 00-0906	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	640.42	58.52
		For Tempered Low-E Insulated Glass, Add	*104.68*	
08 52 16 00-0907	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	726.93	62.42
		For Tempered Low-E Insulated Glass, Add	*120.42*	
08 52 16 00-0908	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	783.30	64.37
		For Tempered Low-E Insulated Glass, Add	*130.91*	
08 52 16 00-0909	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	867.52	68.27
		For Tempered Low-E Insulated Glass, Add	*146.39*	
08 52 16 00-0910	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	926.18	70.22
		For Tempered Low-E Insulated Glass, Add	*157.15*	
08 52 16 00-0911	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,087.79	74.12
		For Tempered Low-E Insulated Glass, Add	*188.11*	

08 52 16 00-0912 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0913	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	665.98	59.49
		For Tempered Low-E Insulated Glass, Add	*109.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0914	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	724.64	62.42
		For Tempered Low-E Insulated Glass, Add	*120.16*	
08 52 16 00-0915	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	811.15	65.83
		For Tempered Low-E Insulated Glass, Add	*135.90*	
08 52 16 00-0916	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	867.52	67.78
		For Tempered Low-E Insulated Glass, Add	*146.39*	
08 52 16 00-0917	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	951.74	71.20
		For Tempered Low-E Insulated Glass, Add	*161.87*	
08 52 16 00-0918	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,010.40	73.63
		For Tempered Low-E Insulated Glass, Add	*172.63*	
08 52 16 00-0919	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,094.62	77.04
		For Tempered Low-E Insulated Glass, Add	*188.11*	

08 52 16 00-0920 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0921	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	724.64	62.42
		For Tempered Low-E Insulated Glass, Add	*120.16*	
08 52 16 00-0922	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	783.30	64.37
		For Tempered Low-E Insulated Glass, Add	*130.91*	
08 52 16 00-0923	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	869.81	68.27
		For Tempered Low-E Insulated Glass, Add	*146.65*	
08 52 16 00-0924	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	926.18	70.22
		For Tempered Low-E Insulated Glass, Add	*157.15*	
08 52 16 00-0925	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,087.79	74.12
		For Tempered Low-E Insulated Glass, Add	*188.11*	

08 52 16 00-0926 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0927	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	808.86	65.35
		For Tempered Low-E Insulated Glass, Add	*135.64*	
08 52 16 00-0928	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	867.52	68.27
		For Tempered Low-E Insulated Glass, Add	*146.39*	
08 52 16 00-0929	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	954.02	71.68
		For Tempered Low-E Insulated Glass, Add	*162.13*	
08 52 16 00-0930	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,010.40	73.63
		For Tempered Low-E Insulated Glass, Add	*172.63*	
08 52 16 00-0931	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,094.62	77.04
		For Tempered Low-E Insulated Glass, Add	*188.11*	

08 52 16 00-0932 Picture Wood Clad Windows For Double Hung Windows *(08 52 16 00-0810)*

08 52 16 00-0933 Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0932)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0934 35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0935	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	418.30	60.95
		For Tempered Clear Insulated Glass, Add	*59.28*	
08 52 16 00-0936	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	429.36	62.42
		For Tempered Clear Insulated Glass, Add	*60.91*	

08 52 16 00-0937 47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0938	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	429.36	62.42
		For Tempered Clear Insulated Glass, Add	*60.91*	
08 52 16 00-0939	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	520.18	74.12
		For Tempered Clear Insulated Glass, Add	*74.39*	

08 52 16 00-0940 53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0941	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	486.99	69.73
		For Tempered Clear Insulated Glass, Add	*69.51*	
08 52 16 00-0942	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	498.06	71.20
		For Tempered Clear Insulated Glass, Add	*71.13*	

08 52 16 00-0943 56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0944	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	418.30	61.45
		For Tempered Clear Insulated Glass, Add	*59.28*	
08 52 16 00-0945	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	486.99	69.73
		For Tempered Clear Insulated Glass, Add	*69.51*	

08 52 16 00-0946 59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0947	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	429.36	62.42
		For Tempered Clear Insulated Glass, Add	*60.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0948	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	498.06	71.20
		For Tempered Clear Insulated Glass, Add	*71.13*	
08 52 16 00-0949	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	520.18	74.12
		For Tempered Clear Insulated Glass, Add	*74.39*	
08 52 16 00-0950	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	543.47	77.04
		For Tempered Clear Insulated Glass, Add	*77.88*	
08 52 16 00-0951		65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0952	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	543.47	77.04
		For Tempered Clear Insulated Glass, Add	*77.88*	
08 52 16 00-0953		71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*		
08 52 16 00-0954	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	520.18	74.12
		For Tempered Clear Insulated Glass, Add	*74.39*	
08 52 16 00-0955		Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0932)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956		48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0957	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	455.47	45.84
		For Tempered Low-E Insulated Glass, Add	*72.76*	
08 52 16 00-0958	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	633.28	58.52
		For Tempered Low-E Insulated Glass, Add	*103.45*	
08 52 16 00-0959	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	660.43	59.98
		For Tempered Low-E Insulated Glass, Add	*108.10*	
08 52 16 00-0960	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	701.16	62.90
		For Tempered Low-E Insulated Glass, Add	*115.07*	
08 52 16 00-0961	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	728.30	65.35
		For Tempered Low-E Insulated Glass, Add	*119.72*	
08 52 16 00-0962	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	783.76	68.76
		For Tempered Low-E Insulated Glass, Add	*129.25*	
08 52 16 00-0963	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	839.21	73.15
		For Tempered Low-E Insulated Glass, Add	*138.78*	
08 52 16 00-0964		52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0965	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	483.78	47.79
		For Tempered Low-E Insulated Glass, Add	*77.64*	
08 52 16 00-0966	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	660.43	60.47
		For Tempered Low-E Insulated Glass, Add	*108.10*	
08 52 16 00-0967	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	688.75	61.93
		For Tempered Low-E Insulated Glass, Add	*112.98*	
08 52 16 00-0968	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	728.30	64.85
		For Tempered Low-E Insulated Glass, Add	*119.72*	
08 52 16 00-0969	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	756.61	67.30
		For Tempered Low-E Insulated Glass, Add	*124.60*	
08 52 16 00-0970	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	812.07	70.71
		For Tempered Low-E Insulated Glass, Add	*134.13*	
08 52 16 00-0971	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	867.52	75.09
		For Tempered Low-E Insulated Glass, Add	*143.66*	
08 52 16 00-0972		56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0973	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	510.93	49.74
		For Tempered Low-E Insulated Glass, Add	*82.29*	
08 52 16 00-0974	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	688.75	62.42
		For Tempered Low-E Insulated Glass, Add	*112.98*	
08 52 16 00-0975	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	715.89	63.88
		For Tempered Low-E Insulated Glass, Add	*117.63*	
08 52 16 00-0976	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	756.61	66.80
		For Tempered Low-E Insulated Glass, Add	*124.60*	
08 52 16 00-0977	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	783.76	69.25
		For Tempered Low-E Insulated Glass, Add	*129.25*	
08 52 16 00-0978	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	839.21	72.66
		For Tempered Low-E Insulated Glass, Add	*138.78*	
08 52 16 00-0979	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	895.84	77.04
		For Tempered Low-E Insulated Glass, Add	*148.54*	
08 52 16 00-0980		60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-0981	EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	539.24	51.69
		For Tempered Low-E Insulated Glass, Add	*87.17*	
08 52 16 00-0982	EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	715.89	64.37
		For Tempered Low-E Insulated Glass, Add	*117.63*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0983	EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	744.20	65.83
		For Tempered Low-E Insulated Glass, Add	*122.51*	
08 52 16 00-0984	EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	783.76	68.76
		For Tempered Low-E Insulated Glass, Add	*129.25*	
08 52 16 00-0985	EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	812.07	71.20
		For Tempered Low-E Insulated Glass, Add	*134.13*	
08 52 16 00-0986	EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	867.52	74.61
		For Tempered Low-E Insulated Glass, Add	*143.66*	
08 52 16 00-0987	EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	922.99	78.99
		For Tempered Low-E Insulated Glass, Add	*153.19*	

08 52 16 00-0988 64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0989	EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	566.39	53.64
		For Tempered Low-E Insulated Glass, Add	*91.82*	
08 52 16 00-0990	EA	37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	744.20	66.32
		For Tempered Low-E Insulated Glass, Add	*122.51*	
08 52 16 00-0991	EA	41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	772.51	67.78
		For Tempered Low-E Insulated Glass, Add	*127.39*	
08 52 16 00-0992	EA	47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	812.07	70.71
		For Tempered Low-E Insulated Glass, Add	*134.13*	
08 52 16 00-0993	EA	51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	839.21	73.15
		For Tempered Low-E Insulated Glass, Add	*138.78*	
08 52 16 00-0994	EA	59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	895.84	76.56
		For Tempered Low-E Insulated Glass, Add	*148.54*	
08 52 16 00-0995	EA	67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	951.29	80.94
		For Tempered Low-E Insulated Glass, Add	*158.07*	

08 52 16 00-0996 68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0997	EA	12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	594.70	55.59
		For Tempered Low-E Insulated Glass, Add	*96.70*	
08 52 16 00-0998	EA	37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	772.51	68.27
		For Tempered Low-E Insulated Glass, Add	*127.39*	
08 52 16 00-0999	EA	41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	799.65	69.73
		For Tempered Low-E Insulated Glass, Add	*132.04*	
08 52 16 00-1000	EA	47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	839.21	72.66
		For Tempered Low-E Insulated Glass, Add	*138.78*	
08 52 16 00-1001	EA	51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	867.52	75.09
		For Tempered Low-E Insulated Glass, Add	*143.66*	
08 52 16 00-1002	EA	59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	922.99	78.51
		For Tempered Low-E Insulated Glass, Add	*153.19*	
08 52 16 00-1003	EA	67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	978.44	82.89
		For Tempered Low-E Insulated Glass, Add	*162.72*	

08 52 16 00-1004 72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-1005	EA	12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	621.85	57.54
		For Tempered Low-E Insulated Glass, Add	*101.35*	
08 52 16 00-1006	EA	37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	799.65	70.22
		For Tempered Low-E Insulated Glass, Add	*132.04*	
08 52 16 00-1007	EA	41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	827.96	71.68
		For Tempered Low-E Insulated Glass, Add	*136.92*	
08 52 16 00-1008	EA	47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	867.52	74.61
		For Tempered Low-E Insulated Glass, Add	*143.66*	
08 52 16 00-1009	EA	51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	895.84	77.04
		For Tempered Low-E Insulated Glass, Add	*148.54*	
08 52 16 00-1010	EA	59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	951.29	80.46
		For Tempered Low-E Insulated Glass, Add	*158.07*	
08 52 16 00-1011	EA	67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,006.75	84.84
		For Tempered Low-E Insulated Glass, Add	*167.61*	

08 52 16 00-1012 76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-1013	EA	12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	650.16	59.49
		For Tempered Low-E Insulated Glass, Add	*106.24*	
08 52 16 00-1014	EA	37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	827.96	72.17
		For Tempered Low-E Insulated Glass, Add	*136.92*	
08 52 16 00-1015	EA	41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	855.11	73.63
		For Tempered Low-E Insulated Glass, Add	*141.57*	
08 52 16 00-1016	EA	47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	895.84	76.56
		For Tempered Low-E Insulated Glass, Add	*148.54*	
08 52 16 00-1017	EA	51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	922.99	78.99
		For Tempered Low-E Insulated Glass, Add	*153.19*	
08 52 16 00-1018	EA	59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	978.44	82.41
		For Tempered Low-E Insulated Glass, Add	*162.72*	
08 52 16 00-1019	EA	67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,033.90	86.79
		For Tempered Low-E Insulated Glass, Add	*172.26*	

08 52 16 00-1020 Picture Wood Clad Windows For Horizontal Sliding Windows *(08 52 16 00-0810)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1021		Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1020)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022		35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1023	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	418.30	60.95
		For Tempered Clear Insulated Glass, Add	*59.28*	
08 52 16 00-1024	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	429.36	62.42
		For Tempered Clear Insulated Glass, Add	*60.91*	
08 52 16 00-1025		47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1026	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	429.36	62.42
		For Tempered Clear Insulated Glass, Add	*60.91*	
08 52 16 00-1027	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	520.18	74.12
		For Tempered Clear Insulated Glass, Add	*74.39*	
08 52 16 00-1028		53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1029	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	486.99	69.73
		For Tempered Clear Insulated Glass, Add	*69.51*	
08 52 16 00-1030	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	498.06	71.20
		For Tempered Clear Insulated Glass, Add	*71.13*	
08 52 16 00-1031		56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1032	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	418.30	61.45
		For Tempered Clear Insulated Glass, Add	*59.28*	
08 52 16 00-1033	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	486.99	69.73
		For Tempered Clear Insulated Glass, Add	*69.51*	
08 52 16 00-1034		59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1035	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	429.36	62.42
		For Tempered Clear Insulated Glass, Add	*60.91*	
08 52 16 00-1036	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	498.06	71.20
		For Tempered Clear Insulated Glass, Add	*71.13*	
08 52 16 00-1037	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	520.18	74.12
		For Tempered Clear Insulated Glass, Add	*74.39*	
08 52 16 00-1038	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	543.47	77.04
		For Tempered Clear Insulated Glass, Add	*77.88*	
08 52 16 00-1039		65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1040	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	543.47	77.04
		For Tempered Clear Insulated Glass, Add	*77.88*	
08 52 16 00-1041		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	520.18	74.12
		For Tempered Clear Insulated Glass, Add	*74.39*	
08 52 16 00-1043		Basement Wood Clad Windows *(08 52 16)*		
08 52 16 00-1044		Basement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-1043)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	224.80	39.01
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	235.83	39.01
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	245.53	39.01
08 52 16 00-1048		Factory Installed Grilles For Wood Clad Windows *(08 52 16)*		
08 52 16 00-1049		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	28.68	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	42.27	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	57.36	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	72.46	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	102.65	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1055		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	45.89	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	67.63	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	91.78	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	115.93	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	164.23	
08 52 16 00-1061		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	55.07	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	81.15	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	110.13	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	139.12	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	197.08	
08 52 16 00-1067		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows *(08 52 16 00-1048)*		
08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	66.09	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	97.38	
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	132.16	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	166.94	
08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	236.49	
08 52 66		**Wood Window Screens** *(08 52)*		
08 52 66 00-0001		Insect Screens For Wood Clad Windows *(08 52 66)*		
08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	35.05	7.08
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	41.02	7.08
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	44.01	7.08
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	49.98	7.08
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	61.92	7.08
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	67.89	7.08
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	73.86	7.08
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	79.82	7.08
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	2.40	0.14
08 53		Plastic Windows *(08 50)*		
08 53 13		**Vinyl Windows** *(08 53)*		
08 53 13 00-0001		Single Hung Vinyl Windows *(08 53 13)*		
08 53 13 00-0002		New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0001)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0003		34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*		
08 53 13 00-0004	EA	24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	194.92	44.86
		For Colored Vinyl, Add	*10.52*	
		For Tinted Glass, Add	*12.62*	
		For Low-E Insulated Glass, Add	*26.30*	
		For Obscure Glass, Add	*28.93*	
08 53 13 00-0005	EA	28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	204.68	46.82
		For Colored Vinyl, Add	*11.11*	
		For Tinted Glass, Add	*13.33*	
		For Low-E Insulated Glass, Add	*27.77*	
		For Obscure Glass, Add	*30.54*	
08 53 13 00-0006	EA	30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	208.90	47.79
		For Colored Vinyl, Add	*11.33*	
		For Tinted Glass, Add	*13.60*	
		For Low-E Insulated Glass, Add	*28.33*	
		For Obscure Glass, Add	*31.17*	
08 53 13 00-0007	EA	32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	213.41	48.77
		For Colored Vinyl, Add	*11.59*	
		For Tinted Glass, Add	*13.91*	
		For Low-E Insulated Glass, Add	*28.97*	
		For Obscure Glass, Add	*31.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0008	EA	36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	224.48	50.72
		For Colored Vinyl, Add	*12.31*	
		For Tinted Glass, Add	*14.77*	
		For Low-E Insulated Glass, Add	*30.77*	
		For Obscure Glass, Add	*33.84*	
08 53 13 00-0009	EA	44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	243.12	54.62
		For Colored Vinyl, Add	*13.39*	
		For Tinted Glass, Add	*16.07*	
		For Low-E Insulated Glass, Add	*33.47*	
		For Obscure Glass, Add	*36.82*	

08 53 13 00-0010 36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0011	EA	24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	198.94	45.84
		For Colored Vinyl, Add	*10.73*	
		For Tinted Glass, Add	*12.87*	
		For Low-E Insulated Glass, Add	*26.82*	
		For Obscure Glass, Add	*29.50*	
08 53 13 00-0012	EA	28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	208.70	46.82
		For Colored Vinyl, Add	*11.31*	
		For Tinted Glass, Add	*13.58*	
		For Low-E Insulated Glass, Add	*28.28*	
		For Obscure Glass, Add	*31.11*	
08 53 13 00-0013	EA	30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	212.91	48.77
		For Colored Vinyl, Add	*11.54*	
		For Tinted Glass, Add	*13.85*	
		For Low-E Insulated Glass, Add	*28.85*	
		For Obscure Glass, Add	*31.73*	
08 53 13 00-0014	EA	32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	217.42	49.74
		For Colored Vinyl, Add	*11.80*	
		For Tinted Glass, Add	*14.15*	
		For Low-E Insulated Glass, Add	*29.49*	
		For Obscure Glass, Add	*32.44*	
08 53 13 00-0015	EA	36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	228.49	51.69
		For Colored Vinyl, Add	*12.51*	
		For Tinted Glass, Add	*15.01*	
		For Low-E Insulated Glass, Add	*31.28*	
		For Obscure Glass, Add	*34.41*	
08 53 13 00-0016	EA	44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	247.14	55.59
		For Colored Vinyl, Add	*13.60*	
		For Tinted Glass, Add	*16.32*	
		For Low-E Insulated Glass, Add	*33.99*	
		For Obscure Glass, Add	*37.39*	

08 53 13 00-0017 38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0018	EA	24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	202.85	46.82
		For Colored Vinyl, Add	*10.92*	
		For Tinted Glass, Add	*13.11*	
		For Low-E Insulated Glass, Add	*27.31*	
		For Obscure Glass, Add	*30.04*	
08 53 13 00-0019	EA	28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	212.61	48.77
		For Colored Vinyl, Add	*11.51*	
		For Tinted Glass, Add	*13.81*	
		For Low-E Insulated Glass, Add	*28.77*	
		For Obscure Glass, Add	*31.65*	
08 53 13 00-0020	EA	30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	216.96	49.74
		For Colored Vinyl, Add	*11.75*	
		For Tinted Glass, Add	*14.10*	
		For Low-E Insulated Glass, Add	*29.37*	
		For Obscure Glass, Add	*32.31*	
08 53 13 00-0021	EA	32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	221.47	50.72
		For Colored Vinyl, Add	*12.01*	
		For Tinted Glass, Add	*14.41*	
		For Low-E Insulated Glass, Add	*30.01*	
		For Obscure Glass, Add	*33.01*	
08 53 13 00-0022	EA	36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	232.69	52.67
		For Colored Vinyl, Add	*12.74*	
		For Tinted Glass, Add	*15.28*	
		For Low-E Insulated Glass, Add	*31.84*	
		For Obscure Glass, Add	*35.03*	
08 53 13 00-0023	EA	44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	251.53	56.57
		For Colored Vinyl, Add	*13.84*	
		For Tinted Glass, Add	*16.61*	
		For Low-E Insulated Glass, Add	*34.60*	
		For Obscure Glass, Add	*38.06*	

08 53 13 00-0024 44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0025	EA	24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	214.78	49.74
		For Colored Vinyl, Add	*11.53*	
		For Tinted Glass, Add	*13.84*	
		For Low-E Insulated Glass, Add	*28.83*	
		For Obscure Glass, Add	*31.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0026	EA	28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	224.54	51.69
		For Colored Vinyl, Add	*12.12*	
		For Tinted Glass, Add	*14.54*	
		For Low-E Insulated Glass, Add	*30.29*	
		For Obscure Glass, Add	*33.32*	
08 53 13 00-0027	EA	30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	229.32	52.67
		For Colored Vinyl, Add	*12.40*	
		For Tinted Glass, Add	*14.88*	
		For Low-E Insulated Glass, Add	*31.00*	
		For Obscure Glass, Add	*34.10*	
08 53 13 00-0028	EA	32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	233.84	53.64
		For Colored Vinyl, Add	*12.66*	
		For Tinted Glass, Add	*15.19*	
		For Low-E Insulated Glass, Add	*31.64*	
		For Obscure Glass, Add	*34.80*	
08 53 13 00-0029	EA	36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	245.48	55.59
		For Colored Vinyl, Add	*13.43*	
		For Tinted Glass, Add	*16.12*	
		For Low-E Insulated Glass, Add	*33.58*	
		For Obscure Glass, Add	*36.93*	
08 53 13 00-0030	EA	44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	264.86	59.49
		For Colored Vinyl, Add	*14.59*	
		For Tinted Glass, Add	*17.51*	
		For Low-E Insulated Glass, Add	*36.47*	
		For Obscure Glass, Add	*40.12*	

08 53 13 00-0031 46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0032	EA	24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	218.79	50.72
		For Colored Vinyl, Add	*11.74*	
		For Tinted Glass, Add	*14.08*	
		For Low-E Insulated Glass, Add	*29.34*	
		For Obscure Glass, Add	*32.28*	
08 53 13 00-0033	EA	28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	228.56	52.67
		For Colored Vinyl, Add	*12.32*	
		For Tinted Glass, Add	*14.79*	
		For Low-E Insulated Glass, Add	*30.81*	
		For Obscure Glass, Add	*33.89*	
08 53 13 00-0034	EA	30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	233.47	53.64
		For Colored Vinyl, Add	*12.62*	
		For Tinted Glass, Add	*15.14*	
		For Low-E Insulated Glass, Add	*31.55*	
		For Obscure Glass, Add	*34.70*	
08 53 13 00-0035	EA	32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	237.98	54.62
		For Colored Vinyl, Add	*12.88*	
		For Tinted Glass, Add	*15.45*	
		For Low-E Insulated Glass, Add	*32.19*	
		For Obscure Glass, Add	*35.41*	
08 53 13 00-0036	EA	36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	249.76	56.57
		For Colored Vinyl, Add	*13.66*	
		For Tinted Glass, Add	*16.40*	
		For Low-E Insulated Glass, Add	*34.16*	
		For Obscure Glass, Add	*37.57*	
08 53 13 00-0037	EA	44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	269.34	60.47
		For Colored Vinyl, Add	*14.84*	
		For Tinted Glass, Add	*17.81*	
		For Low-E Insulated Glass, Add	*37.10*	
		For Obscure Glass, Add	*40.81*	

08 53 13 00-0038 48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0039	EA	24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	222.84	51.69
		For Colored Vinyl, Add	*11.95*	
		For Tinted Glass, Add	*14.34*	
		For Low-E Insulated Glass, Add	*29.87*	
		For Obscure Glass, Add	*32.85*	
08 53 13 00-0040	EA	28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	232.62	53.64
		For Colored Vinyl, Add	*12.53*	
		For Tinted Glass, Add	*15.04*	
		For Low-E Insulated Glass, Add	*31.34*	
		For Obscure Glass, Add	*34.47*	
08 53 13 00-0041	EA	30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	237.65	54.62
		For Colored Vinyl, Add	*12.84*	
		For Tinted Glass, Add	*15.41*	
		For Low-E Insulated Glass, Add	*32.11*	
		For Obscure Glass, Add	*35.32*	
08 53 13 00-0042	EA	32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	242.16	55.59
		For Colored Vinyl, Add	*13.10*	
		For Tinted Glass, Add	*15.72*	
		For Low-E Insulated Glass, Add	*32.75*	
		For Obscure Glass, Add	*36.02*	
08 53 13 00-0043	EA	36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	254.09	57.54
		For Colored Vinyl, Add	*13.90*	
		For Tinted Glass, Add	*16.68*	
		For Low-E Insulated Glass, Add	*34.75*	
		For Obscure Glass, Add	*38.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0044	EA	44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	273.85	61.45
		For Colored Vinyl, Add	*15.10*	
		For Tinted Glass, Add	*18.12*	
		For Low-E Insulated Glass, Add	*37.74*	
		For Obscure Glass, Add	*41.52*	

08 53 13 00-0045 50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0046	EA	24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	226.76	52.67
		For Colored Vinyl, Add	*12.14*	
		For Tinted Glass, Add	*14.57*	
		For Low-E Insulated Glass, Add	*30.36*	
		For Obscure Glass, Add	*33.40*	
08 53 13 00-0047	EA	28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	236.53	54.62
		For Colored Vinyl, Add	*12.73*	
		For Tinted Glass, Add	*15.28*	
		For Low-E Insulated Glass, Add	*31.83*	
		For Obscure Glass, Add	*35.01*	
08 53 13 00-0048	EA	30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	241.72	55.59
		For Colored Vinyl, Add	*13.05*	
		For Tinted Glass, Add	*15.66*	
		For Low-E Insulated Glass, Add	*32.64*	
		For Obscure Glass, Add	*35.90*	
08 53 13 00-0049	EA	32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	246.23	56.57
		For Colored Vinyl, Add	*13.31*	
		For Tinted Glass, Add	*15.97*	
		For Low-E Insulated Glass, Add	*33.28*	
		For Obscure Glass, Add	*36.60*	
08 53 13 00-0050	EA	36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	258.29	58.52
		For Colored Vinyl, Add	*14.13*	
		For Tinted Glass, Add	*16.95*	
		For Low-E Insulated Glass, Add	*35.32*	
		For Obscure Glass, Add	*38.85*	
08 53 13 00-0051	EA	44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	278.23	62.42
		For Colored Vinyl, Add	*15.34*	
		For Tinted Glass, Add	*18.41*	
		For Low-E Insulated Glass, Add	*38.35*	
		For Obscure Glass, Add	*42.19*	

08 53 13 00-0052 52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0053	EA	24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	230.70	53.64
		For Colored Vinyl, Add	*12.34*	
		For Tinted Glass, Add	*14.81*	
		For Low-E Insulated Glass, Add	*30.86*	
		For Obscure Glass, Add	*33.94*	
08 53 13 00-0054	EA	28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	240.46	55.59
		For Colored Vinyl, Add	*12.93*	
		For Tinted Glass, Add	*15.51*	
		For Low-E Insulated Glass, Add	*32.32*	
		For Obscure Glass, Add	*35.55*	
08 53 13 00-0055	EA	30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	245.80	56.57
		For Colored Vinyl, Add	*13.27*	
		For Tinted Glass, Add	*15.92*	
		For Low-E Insulated Glass, Add	*33.17*	
		For Obscure Glass, Add	*36.48*	
08 53 13 00-0056	EA	32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	250.31	57.54
		For Colored Vinyl, Add	*13.52*	
		For Tinted Glass, Add	*16.23*	
		For Low-E Insulated Glass, Add	*33.81*	
		For Obscure Glass, Add	*37.19*	
08 53 13 00-0057	EA	36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	262.52	59.49
		For Colored Vinyl, Add	*14.35*	
		For Tinted Glass, Add	*17.22*	
		For Low-E Insulated Glass, Add	*35.89*	
		For Obscure Glass, Add	*39.47*	
08 53 13 00-0058	EA	44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	282.64	63.40
		For Colored Vinyl, Add	*15.59*	
		For Tinted Glass, Add	*18.70*	
		For Low-E Insulated Glass, Add	*38.97*	
		For Obscure Glass, Add	*42.86*	

08 53 13 00-0059 54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0060	EA	24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	234.63	54.62
		For Colored Vinyl, Add	*12.54*	
		For Tinted Glass, Add	*15.05*	
		For Low-E Insulated Glass, Add	*31.35*	
		For Obscure Glass, Add	*34.49*	
08 53 13 00-0061	EA	28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	244.40	56.57
		For Colored Vinyl, Add	*13.13*	
		For Tinted Glass, Add	*15.75*	
		For Low-E Insulated Glass, Add	*32.82*	
		For Obscure Glass, Add	*36.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0062	EA	30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	249.86	57.54
		For Colored Vinyl, Add	*13.48*	
		For Tinted Glass, Add	*16.17*	
		For Low-E Insulated Glass, Add	*33.70*	
		For Obscure Glass, Add	*37.06*	
08 53 13 00-0063	EA	32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	254.37	58.52
		For Colored Vinyl, Add	*13.73*	
		For Tinted Glass, Add	*16.48*	
		For Low-E Insulated Glass, Add	*34.34*	
		For Obscure Glass, Add	*37.77*	
08 53 13 00-0064	EA	36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	266.71	60.47
		For Colored Vinyl, Add	*14.58*	
		For Tinted Glass, Add	*17.49*	
		For Low-E Insulated Glass, Add	*36.45*	
		For Obscure Glass, Add	*40.09*	
08 53 13 00-0065	EA	44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	287.02	64.37
		For Colored Vinyl, Add	*15.83*	
		For Tinted Glass, Add	*18.99*	
		For Low-E Insulated Glass, Add	*39.57*	
		For Obscure Glass, Add	*43.53*	

08 53 13 00-0066 60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0067	EA	24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	246.68	57.54
		For Colored Vinyl, Add	*13.16*	
		For Tinted Glass, Add	*15.79*	
		For Low-E Insulated Glass, Add	*32.90*	
		For Obscure Glass, Add	*36.19*	
08 53 13 00-0068	EA	28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	256.44	59.49
		For Colored Vinyl, Add	*13.75*	
		For Tinted Glass, Add	*16.50*	
		For Low-E Insulated Glass, Add	*34.37*	
		For Obscure Glass, Add	*37.80*	
08 53 13 00-0069	EA	30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	262.30	60.47
		For Colored Vinyl, Add	*14.14*	
		For Tinted Glass, Add	*16.96*	
		For Low-E Insulated Glass, Add	*35.34*	
		For Obscure Glass, Add	*38.88*	
08 53 13 00-0070	EA	32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	266.81	61.45
		For Colored Vinyl, Add	*14.39*	
		For Tinted Glass, Add	*17.27*	
		For Low-E Insulated Glass, Add	*35.98*	
		For Obscure Glass, Add	*39.58*	
08 53 13 00-0071	EA	36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	279.58	63.40
		For Colored Vinyl, Add	*15.28*	
		For Tinted Glass, Add	*18.34*	
		For Low-E Insulated Glass, Add	*38.20*	
		For Obscure Glass, Add	*42.02*	
08 53 13 00-0072	EA	44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	300.45	67.30
		For Colored Vinyl, Add	*16.59*	
		For Tinted Glass, Add	*19.90*	
		For Low-E Insulated Glass, Add	*41.47*	
		For Obscure Glass, Add	*45.61*	

08 53 13 00-0073 62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0074	EA	24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	250.61	58.52
		For Colored Vinyl, Add	*13.36*	
		For Tinted Glass, Add	*16.03*	
		For Low-E Insulated Glass, Add	*33.40*	
		For Obscure Glass, Add	*36.73*	
08 53 13 00-0075	EA	28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	260.37	60.47
		For Colored Vinyl, Add	*13.94*	
		For Tinted Glass, Add	*16.73*	
		For Low-E Insulated Glass, Add	*34.86*	
		For Obscure Glass, Add	*38.35*	
08 53 13 00-0076	EA	30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	266.40	61.45
		For Colored Vinyl, Add	*14.35*	
		For Tinted Glass, Add	*17.22*	
		For Low-E Insulated Glass, Add	*35.88*	
		For Obscure Glass, Add	*39.47*	
08 53 13 00-0077	EA	32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	270.91	62.42
		For Colored Vinyl, Add	*14.61*	
		For Tinted Glass, Add	*17.53*	
		For Low-E Insulated Glass, Add	*36.52*	
		For Obscure Glass, Add	*40.17*	
08 53 13 00-0078	EA	36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	283.81	64.37
		For Colored Vinyl, Add	*15.51*	
		For Tinted Glass, Add	*18.61*	
		For Low-E Insulated Glass, Add	*38.77*	
		For Obscure Glass, Add	*42.65*	
08 53 13 00-0079	EA	44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	304.89	68.27
		For Colored Vinyl, Add	*16.84*	
		For Tinted Glass, Add	*20.20*	
		For Low-E Insulated Glass, Add	*42.09*	
		For Obscure Glass, Add	*46.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 13 00-0080 66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0081	EA	24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	258.57	60.47
		For Colored Vinyl, Add	*13.76*	
		For Tinted Glass, Add	*16.52*	
		For Low-E Insulated Glass, Add	*34.41*	
		For Obscure Glass, Add	*37.85*	
08 53 13 00-0082	EA	28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	268.33	62.42
		For Colored Vinyl, Add	*14.35*	
		For Tinted Glass, Add	*17.22*	
		For Low-E Insulated Glass, Add	*35.88*	
		For Obscure Glass, Add	*39.46*	
08 53 13 00-0083	EA	30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	274.63	63.40
		For Colored Vinyl, Add	*14.79*	
		For Tinted Glass, Add	*17.74*	
		For Low-E Insulated Glass, Add	*36.96*	
		For Obscure Glass, Add	*40.66*	
08 53 13 00-0084	EA	32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	279.14	64.37
		For Colored Vinyl, Add	*15.04*	
		For Tinted Glass, Add	*18.05*	
		For Low-E Insulated Glass, Add	*37.60*	
		For Obscure Glass, Add	*41.36*	
08 53 13 00-0085	EA	36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	292.34	66.32
		For Colored Vinyl, Add	*15.97*	
		For Tinted Glass, Add	*19.17*	
		For Low-E Insulated Glass, Add	*39.93*	
		For Obscure Glass, Add	*43.92*	
08 53 13 00-0086	EA	44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	313.76	70.22
		For Colored Vinyl, Add	*17.33*	
		For Tinted Glass, Add	*20.80*	
		For Low-E Insulated Glass, Add	*43.33*	
		For Obscure Glass, Add	*47.66*	

08 53 13 00-0087 72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0088	EA	24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	270.62	63.40
		For Colored Vinyl, Add	*14.38*	
		For Tinted Glass, Add	*17.26*	
		For Low-E Insulated Glass, Add	*35.96*	
		For Obscure Glass, Add	*39.56*	
08 53 13 00-0089	EA	28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	280.38	65.35
		For Colored Vinyl, Add	*14.97*	
		For Tinted Glass, Add	*17.96*	
		For Low-E Insulated Glass, Add	*37.43*	
		For Obscure Glass, Add	*41.17*	
08 53 13 00-0090	EA	30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	286.67	66.32
		For Colored Vinyl, Add	*15.40*	
		For Tinted Glass, Add	*18.48*	
		For Low-E Insulated Glass, Add	*38.51*	
		For Obscure Glass, Add	*42.36*	
08 53 13 00-0091	EA	32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	291.18	67.30
		For Colored Vinyl, Add	*15.66*	
		For Tinted Glass, Add	*18.79*	
		For Low-E Insulated Glass, Add	*39.15*	
		For Obscure Glass, Add	*43.07*	
08 53 13 00-0092	EA	36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	304.39	69.25
		For Colored Vinyl, Add	*16.59*	
		For Tinted Glass, Add	*19.91*	
		For Low-E Insulated Glass, Add	*41.48*	
		For Obscure Glass, Add	*45.62*	
08 53 13 00-0093	EA	44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	325.80	73.15
		For Colored Vinyl, Add	*17.95*	
		For Tinted Glass, Add	*21.54*	
		For Low-E Insulated Glass, Add	*44.88*	
		For Obscure Glass, Add	*49.37*	

08 53 13 00-0094 Replacement, Single Hung Vinyl Windows (Silver Line 2000) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0095	EA	Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	271.21	51.20
		For Colored Vinyl, Add	*16.88*	
		For Tinted Glass, Add	*20.26*	
		For Low-E Insulated Glass, Add	*42.20*	
		For Obscure Glass, Add	*46.42*	
08 53 13 00-0096	EA	>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	297.23	56.08
		For Colored Vinyl, Add	*18.51*	
		For Tinted Glass, Add	*22.21*	
		For Low-E Insulated Glass, Add	*46.27*	
		For Obscure Glass, Add	*50.90*	
08 53 13 00-0097	EA	>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	321.61	60.95
		For Colored Vinyl, Add	*19.97*	
		For Tinted Glass, Add	*23.96*	
		For Low-E Insulated Glass, Add	*49.93*	
		For Obscure Glass, Add	*54.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0098	EA	>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	340.19	65.83
		For Colored Vinyl, Add	*20.85*	
		For Tinted Glass, Add	*25.02*	
		For Low-E Insulated Glass, Add	*52.13*	
		For Obscure Glass, Add	*57.35*	
08 53 13 00-0099	EA	>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	359.44	70.71
		For Colored Vinyl, Add	*21.80*	
		For Tinted Glass, Add	*26.16*	
		For Low-E Insulated Glass, Add	*54.51*	
		For Obscure Glass, Add	*59.96*	
08 53 13 00-0100	EA	>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	389.02	75.58
		For Colored Vinyl, Add	*23.79*	
		For Tinted Glass, Add	*28.54*	
		For Low-E Insulated Glass, Add	*59.46*	
		For Obscure Glass, Add	*65.41*	
08 53 13 00-0101	UI	>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	3.25	0.63
		For Colored Vinyl, Add	*0.20*	
		For Tinted Glass, Add	*0.24*	
		For Low-E Insulated Glass, Add	*0.50*	
		For Obscure Glass, Add	*0.54*	

08 53 13 00-0102 Double Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0103 New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0104 34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0105	EA	24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	258.46	44.86
		For Colored Vinyl, Add	*16.87*	
		For Tinted Glass, Add	*20.25*	
		For Low-E Insulated Glass, Add	*42.19*	
		For Obscure Glass, Add	*46.40*	
08 53 13 00-0106	EA	28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	268.23	46.82
		For Colored Vinyl, Add	*17.46*	
		For Tinted Glass, Add	*20.95*	
		For Low-E Insulated Glass, Add	*43.65*	
		For Obscure Glass, Add	*48.02*	
08 53 13 00-0107	EA	30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	272.99	47.79
		For Colored Vinyl, Add	*17.74*	
		For Tinted Glass, Add	*21.29*	
		For Low-E Insulated Glass, Add	*44.36*	
		For Obscure Glass, Add	*48.79*	
08 53 13 00-0108	EA	32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	277.50	48.77
		For Colored Vinyl, Add	*18.00*	
		For Tinted Glass, Add	*21.60*	
		For Low-E Insulated Glass, Add	*45.00*	
		For Obscure Glass, Add	*49.49*	
08 53 13 00-0109	EA	36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	288.02	50.72
		For Colored Vinyl, Add	*18.66*	
		For Tinted Glass, Add	*22.39*	
		For Low-E Insulated Glass, Add	*46.65*	
		For Obscure Glass, Add	*51.32*	
08 53 13 00-0110	EA	44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	305.95	54.62
		For Colored Vinyl, Add	*19.67*	
		For Tinted Glass, Add	*23.61*	
		For Low-E Insulated Glass, Add	*49.18*	
		For Obscure Glass, Add	*54.10*	

08 53 13 00-0111 36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0112	EA	24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	262.48	45.84
		For Colored Vinyl, Add	*17.08*	
		For Tinted Glass, Add	*20.50*	
		For Low-E Insulated Glass, Add	*42.70*	
		For Obscure Glass, Add	*46.97*	
08 53 13 00-0113	EA	28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	272.24	47.79
		For Colored Vinyl, Add	*17.67*	
		For Tinted Glass, Add	*21.20*	
		For Low-E Insulated Glass, Add	*44.17*	
		For Obscure Glass, Add	*48.58*	
08 53 13 00-0114	EA	30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	277.00	48.77
		For Colored Vinyl, Add	*17.95*	
		For Tinted Glass, Add	*21.54*	
		For Low-E Insulated Glass, Add	*44.87*	
		For Obscure Glass, Add	*49.36*	
08 53 13 00-0115	EA	32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	281.51	49.74
		For Colored Vinyl, Add	*18.20*	
		For Tinted Glass, Add	*21.84*	
		For Low-E Insulated Glass, Add	*45.51*	
		For Obscure Glass, Add	*50.06*	
08 53 13 00-0116	EA	36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	292.03	51.69
		For Colored Vinyl, Add	*18.87*	
		For Tinted Glass, Add	*22.64*	
		For Low-E Insulated Glass, Add	*47.17*	
		For Obscure Glass, Add	*51.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0117	EA	44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	309.97	55.59
		For Colored Vinyl, Add	*19.88*	
		For Tinted Glass, Add	*23.85*	
		For Low-E Insulated Glass, Add	*49.70*	
		For Obscure Glass, Add	*54.67*	

08 53 13 00-0118 38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0119	EA	24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	266.20	46.82
		For Colored Vinyl, Add	*17.26*	
		For Tinted Glass, Add	*20.71*	
		For Low-E Insulated Glass, Add	*43.15*	
		For Obscure Glass, Add	*47.46*	
08 53 13 00-0120	EA	28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	275.96	48.77
		For Colored Vinyl, Add	*17.84*	
		For Tinted Glass, Add	*21.41*	
		For Low-E Insulated Glass, Add	*44.61*	
		For Obscure Glass, Add	*49.07*	
08 53 13 00-0121	EA	30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	280.83	49.74
		For Colored Vinyl, Add	*18.14*	
		For Tinted Glass, Add	*21.76*	
		For Low-E Insulated Glass, Add	*45.34*	
		For Obscure Glass, Add	*49.87*	
08 53 13 00-0122	EA	32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	285.34	50.72
		For Colored Vinyl, Add	*18.39*	
		For Tinted Glass, Add	*22.07*	
		For Low-E Insulated Glass, Add	*45.98*	
		For Obscure Glass, Add	*50.58*	
08 53 13 00-0123	EA	36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	296.03	52.67
		For Colored Vinyl, Add	*19.07*	
		For Tinted Glass, Add	*22.89*	
		For Low-E Insulated Glass, Add	*47.68*	
		For Obscure Glass, Add	*52.45*	
08 53 13 00-0124	EA	44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	314.13	56.57
		For Colored Vinyl, Add	*20.10*	
		For Tinted Glass, Add	*24.12*	
		For Low-E Insulated Glass, Add	*50.25*	
		For Obscure Glass, Add	*55.28*	

08 53 13 00-0125 44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0126	EA	24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	278.47	49.74
		For Colored Vinyl, Add	*17.90*	
		For Tinted Glass, Add	*21.48*	
		For Low-E Insulated Glass, Add	*44.75*	
		For Obscure Glass, Add	*49.23*	
08 53 13 00-0127	EA	28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	288.23	51.69
		For Colored Vinyl, Add	*18.49*	
		For Tinted Glass, Add	*22.18*	
		For Low-E Insulated Glass, Add	*46.22*	
		For Obscure Glass, Add	*50.84*	
08 53 13 00-0128	EA	30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	292.43	52.67
		For Colored Vinyl, Add	*18.71*	
		For Tinted Glass, Add	*22.45*	
		For Low-E Insulated Glass, Add	*46.78*	
		For Obscure Glass, Add	*51.46*	
08 53 13 00-0129	EA	32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	296.95	53.64
		For Colored Vinyl, Add	*18.97*	
		For Tinted Glass, Add	*22.76*	
		For Low-E Insulated Glass, Add	*47.42*	
		For Obscure Glass, Add	*52.16*	
08 53 13 00-0130	EA	36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	308.00	55.59
		For Colored Vinyl, Add	*19.68*	
		For Tinted Glass, Add	*23.62*	
		For Low-E Insulated Glass, Add	*49.21*	
		For Obscure Glass, Add	*54.13*	
08 53 13 00-0131	EA	44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	326.92	59.49
		For Colored Vinyl, Add	*20.79*	
		For Tinted Glass, Add	*24.95*	
		For Low-E Insulated Glass, Add	*51.99*	
		For Obscure Glass, Add	*57.18*	

08 53 13 00-0132 46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0133	EA	24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	282.17	50.72
		For Colored Vinyl, Add	*18.08*	
		For Tinted Glass, Add	*21.69*	
		For Low-E Insulated Glass, Add	*45.19*	
		For Obscure Glass, Add	*49.71*	
08 53 13 00-0134	EA	28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	291.94	52.67
		For Colored Vinyl, Add	*18.66*	
		For Tinted Glass, Add	*22.39*	
		For Low-E Insulated Glass, Add	*46.66*	
		For Obscure Glass, Add	*51.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0135	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	296.32	53.64
		For Colored Vinyl, Add	*18.90*	
		For Tinted Glass, Add	*22.68*	
		For Low-E Insulated Glass, Add	*47.26*	
		For Obscure Glass, Add	*51.99*	
08 53 13 00-0136	EA	32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	300.83	54.62
		For Colored Vinyl, Add	*19.16*	
		For Tinted Glass, Add	*22.99*	
		For Low-E Insulated Glass, Add	*47.90*	
		For Obscure Glass, Add	*52.69*	
08 53 13 00-0137	EA	36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	312.00	56.57
		For Colored Vinyl, Add	*19.89*	
		For Tinted Glass, Add	*23.86*	
		For Low-E Insulated Glass, Add	*49.72*	
		For Obscure Glass, Add	*54.69*	
08 53 13 00-0138	EA	44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	331.41	60.47
		For Colored Vinyl, Add	*21.05*	
		For Tinted Glass, Add	*25.26*	
		For Low-E Insulated Glass, Add	*52.62*	
		For Obscure Glass, Add	*57.88*	

08 53 13 00-0139 48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0140	EA	24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	285.91	51.69
		For Colored Vinyl, Add	*18.25*	
		For Tinted Glass, Add	*21.90*	
		For Low-E Insulated Glass, Add	*45.64*	
		For Obscure Glass, Add	*50.20*	
08 53 13 00-0141	EA	28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	295.68	53.64
		For Colored Vinyl, Add	*18.84*	
		For Tinted Glass, Add	*22.61*	
		For Low-E Insulated Glass, Add	*47.10*	
		For Obscure Glass, Add	*51.81*	
08 53 13 00-0142	EA	30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	300.16	54.62
		For Colored Vinyl, Add	*19.09*	
		For Tinted Glass, Add	*22.91*	
		For Low-E Insulated Glass, Add	*47.73*	
		For Obscure Glass, Add	*52.51*	
08 53 13 00-0143	EA	32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	304.67	55.59
		For Colored Vinyl, Add	*19.35*	
		For Tinted Glass, Add	*23.22*	
		For Low-E Insulated Glass, Add	*48.37*	
		For Obscure Glass, Add	*53.21*	
08 53 13 00-0144	EA	36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	316.00	57.54
		For Colored Vinyl, Add	*20.09*	
		For Tinted Glass, Add	*24.11*	
		For Low-E Insulated Glass, Add	*50.23*	
		For Obscure Glass, Add	*55.25*	
08 53 13 00-0145	EA	44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	335.84	61.45
		For Colored Vinyl, Add	*21.30*	
		For Tinted Glass, Add	*25.56*	
		For Low-E Insulated Glass, Add	*53.24*	
		For Obscure Glass, Add	*58.56*	

08 53 13 00-0146 50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0147	EA	24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	289.61	52.67
		For Colored Vinyl, Add	*18.43*	
		For Tinted Glass, Add	*22.11*	
		For Low-E Insulated Glass, Add	*46.07*	
		For Obscure Glass, Add	*50.68*	
08 53 13 00-0148	EA	28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	299.38	54.62
		For Colored Vinyl, Add	*19.02*	
		For Tinted Glass, Add	*22.82*	
		For Low-E Insulated Glass, Add	*47.54*	
		For Obscure Glass, Add	*52.29*	
08 53 13 00-0149	EA	30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	304.02	55.59
		For Colored Vinyl, Add	*19.28*	
		For Tinted Glass, Add	*23.14*	
		For Low-E Insulated Glass, Add	*48.21*	
		For Obscure Glass, Add	*53.03*	
08 53 13 00-0150	EA	32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	308.53	56.57
		For Colored Vinyl, Add	*19.54*	
		For Tinted Glass, Add	*23.45*	
		For Low-E Insulated Glass, Add	*48.85*	
		For Obscure Glass, Add	*53.74*	
08 53 13 00-0151	EA	36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	320.00	58.52
		For Colored Vinyl, Add	*20.30*	
		For Tinted Glass, Add	*24.36*	
		For Low-E Insulated Glass, Add	*50.74*	
		For Obscure Glass, Add	*55.82*	
08 53 13 00-0152	EA	44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	340.32	62.42
		For Colored Vinyl, Add	*21.55*	
		For Tinted Glass, Add	*25.86*	
		For Low-E Insulated Glass, Add	*53.87*	
		For Obscure Glass, Add	*59.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0153		52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0154	EA	24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	293.33	53.64
		For Colored Vinyl, Add	*18.61*	
		For Tinted Glass, Add	*22.33*	
		For Low-E Insulated Glass, Add	*46.51*	
		For Obscure Glass, Add	*51.16*	
08 53 13 00-0155	EA	28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	303.10	55.59
		For Colored Vinyl, Add	*19.19*	
		For Tinted Glass, Add	*23.03*	
		For Low-E Insulated Glass, Add	*47.98*	
		For Obscure Glass, Add	*52.78*	
08 53 13 00-0156	EA	30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	307.86	56.57
		For Colored Vinyl, Add	*19.47*	
		For Tinted Glass, Add	*23.37*	
		For Low-E Insulated Glass, Add	*48.68*	
		For Obscure Glass, Add	*53.55*	
08 53 13 00-0157	EA	32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	312.37	57.54
		For Colored Vinyl, Add	*19.73*	
		For Tinted Glass, Add	*23.67*	
		For Low-E Insulated Glass, Add	*49.32*	
		For Obscure Glass, Add	*54.25*	
08 53 13 00-0158	EA	36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	324.28	59.49
		For Colored Vinyl, Add	*20.53*	
		For Tinted Glass, Add	*24.64*	
		For Low-E Insulated Glass, Add	*51.33*	
		For Obscure Glass, Add	*56.46*	
08 53 13 00-0159	EA	44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	344.73	63.40
		For Colored Vinyl, Add	*21.80*	
		For Tinted Glass, Add	*26.15*	
		For Low-E Insulated Glass, Add	*54.49*	
		For Obscure Glass, Add	*59.94*	
08 53 13 00-0160		54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0161	EA	24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	297.07	54.62
		For Colored Vinyl, Add	*18.78*	
		For Tinted Glass, Add	*22.54*	
		For Low-E Insulated Glass, Add	*46.96*	
		For Obscure Glass, Add	*51.66*	
08 53 13 00-0162	EA	28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	306.83	56.57
		For Colored Vinyl, Add	*19.37*	
		For Tinted Glass, Add	*23.24*	
		For Low-E Insulated Glass, Add	*48.43*	
		For Obscure Glass, Add	*53.27*	
08 53 13 00-0163	EA	30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	311.74	57.54
		For Colored Vinyl, Add	*19.67*	
		For Tinted Glass, Add	*23.60*	
		For Low-E Insulated Glass, Add	*49.17*	
		For Obscure Glass, Add	*54.08*	
08 53 13 00-0164	EA	32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	316.25	58.52
		For Colored Vinyl, Add	*19.92*	
		For Tinted Glass, Add	*23.91*	
		For Low-E Insulated Glass, Add	*49.81*	
		For Obscure Glass, Add	*54.79*	
08 53 13 00-0165	EA	36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	328.56	60.47
		For Colored Vinyl, Add	*20.76*	
		For Tinted Glass, Add	*24.92*	
		For Low-E Insulated Glass, Add	*51.91*	
		For Obscure Glass, Add	*57.10*	
08 53 13 00-0166	EA	44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	349.16	64.37
		For Colored Vinyl, Add	*22.04*	
		For Tinted Glass, Add	*26.45*	
		For Low-E Insulated Glass, Add	*55.11*	
		For Obscure Glass, Add	*60.62*	
08 53 13 00-0167		60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0168	EA	24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	308.25	57.54
		For Colored Vinyl, Add	*19.32*	
		For Tinted Glass, Add	*23.18*	
		For Low-E Insulated Glass, Add	*48.29*	
		For Obscure Glass, Add	*53.12*	
08 53 13 00-0169	EA	28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	318.02	59.49
		For Colored Vinyl, Add	*19.90*	
		For Tinted Glass, Add	*23.88*	
		For Low-E Insulated Glass, Add	*49.76*	
		For Obscure Glass, Add	*54.74*	
08 53 13 00-0170	EA	30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	323.90	60.47
		For Colored Vinyl, Add	*20.30*	
		For Tinted Glass, Add	*24.36*	
		For Low-E Insulated Glass, Add	*50.74*	
		For Obscure Glass, Add	*55.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0171	EA	32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	328.41	61.45
		For Colored Vinyl, Add	*20.55*	
		For Tinted Glass, Add	*24.66*	
		For Low-E Insulated Glass, Add	*51.38*	
		For Obscure Glass, Add	*56.52*	
08 53 13 00-0172	EA	36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	341.34	63.40
		For Colored Vinyl, Add	*21.46*	
		For Tinted Glass, Add	*25.75*	
		For Low-E Insulated Glass, Add	*53.64*	
		For Obscure Glass, Add	*59.00*	
08 53 13 00-0173	EA	44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	362.47	67.30
		For Colored Vinyl, Add	*22.79*	
		For Tinted Glass, Add	*27.35*	
		For Low-E Insulated Glass, Add	*56.97*	
		For Obscure Glass, Add	*62.67*	

08 53 13 00-0174 62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0175	EA	24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	311.97	58.52
		For Colored Vinyl, Add	*19.49*	
		For Tinted Glass, Add	*23.39*	
		For Low-E Insulated Glass, Add	*48.74*	
		For Obscure Glass, Add	*53.61*	
08 53 13 00-0176	EA	28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	321.73	60.47
		For Colored Vinyl, Add	*20.08*	
		For Tinted Glass, Add	*24.10*	
		For Low-E Insulated Glass, Add	*50.20*	
		For Obscure Glass, Add	*55.22*	
08 53 13 00-0177	EA	30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	328.01	61.45
		For Colored Vinyl, Add	*20.51*	
		For Tinted Glass, Add	*24.62*	
		For Low-E Insulated Glass, Add	*51.28*	
		For Obscure Glass, Add	*56.41*	
08 53 13 00-0178	EA	32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	332.52	62.42
		For Colored Vinyl, Add	*20.77*	
		For Tinted Glass, Add	*24.92*	
		For Low-E Insulated Glass, Add	*51.92*	
		For Obscure Glass, Add	*57.11*	
08 53 13 00-0179	EA	36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	345.59	64.37
		For Colored Vinyl, Add	*21.69*	
		For Tinted Glass, Add	*26.02*	
		For Low-E Insulated Glass, Add	*54.22*	
		For Obscure Glass, Add	*59.64*	
08 53 13 00-0180	EA	44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	367.24	68.27
		For Colored Vinyl, Add	*23.07*	
		For Tinted Glass, Add	*27.68*	
		For Low-E Insulated Glass, Add	*57.68*	
		For Obscure Glass, Add	*63.44*	

08 53 13 00-0181 66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0182	EA	24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	320.00	60.47
		For Colored Vinyl, Add	*19.91*	
		For Tinted Glass, Add	*23.89*	
		For Low-E Insulated Glass, Add	*49.77*	
		For Obscure Glass, Add	*54.74*	
08 53 13 00-0183	EA	28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	329.76	62.42
		For Colored Vinyl, Add	*20.49*	
		For Tinted Glass, Add	*24.59*	
		For Low-E Insulated Glass, Add	*51.23*	
		For Obscure Glass, Add	*56.36*	
08 53 13 00-0184	EA	30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	336.26	63.40
		For Colored Vinyl, Add	*20.95*	
		For Tinted Glass, Add	*25.14*	
		For Low-E Insulated Glass, Add	*52.37*	
		For Obscure Glass, Add	*57.61*	
08 53 13 00-0185	EA	32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	340.77	64.37
		For Colored Vinyl, Add	*21.20*	
		For Tinted Glass, Add	*25.44*	
		For Low-E Insulated Glass, Add	*53.01*	
		For Obscure Glass, Add	*58.31*	
08 53 13 00-0186	EA	36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	354.15	66.32
		For Colored Vinyl, Add	*22.15*	
		For Tinted Glass, Add	*26.58*	
		For Low-E Insulated Glass, Add	*55.38*	
		For Obscure Glass, Add	*60.92*	
08 53 13 00-0187	EA	44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	376.49	70.22
		For Colored Vinyl, Add	*23.61*	
		For Tinted Glass, Add	*28.33*	
		For Low-E Insulated Glass, Add	*59.01*	
		For Obscure Glass, Add	*64.91*	

08 53 13 00-0188 72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0189		EA	24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	332.04	63.40
			For Colored Vinyl, Add	*20.53*	
			For Tinted Glass, Add	*24.63*	
			For Low-E Insulated Glass, Add	*51.32*	
			For Obscure Glass, Add	*56.45*	
08 53 13 00-0190		EA	28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	341.81	65.35
			For Colored Vinyl, Add	*21.11*	
			For Tinted Glass, Add	*25.34*	
			For Low-E Insulated Glass, Add	*52.78*	
			For Obscure Glass, Add	*58.06*	
08 53 13 00-0191		EA	30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	348.30	66.32
			For Colored Vinyl, Add	*21.57*	
			For Tinted Glass, Add	*25.88*	
			For Low-E Insulated Glass, Add	*53.92*	
			For Obscure Glass, Add	*59.31*	
08 53 13 00-0192		EA	32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	352.81	67.30
			For Colored Vinyl, Add	*21.82*	
			For Tinted Glass, Add	*26.19*	
			For Low-E Insulated Glass, Add	*54.56*	
			For Obscure Glass, Add	*60.01*	
08 53 13 00-0193		EA	36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	366.20	69.25
			For Colored Vinyl, Add	*22.77*	
			For Tinted Glass, Add	*27.33*	
			For Low-E Insulated Glass, Add	*56.93*	
			For Obscure Glass, Add	*62.62*	
08 53 13 00-0194		EA	44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	388.54	73.15
			For Colored Vinyl, Add	*24.23*	
			For Tinted Glass, Add	*29.07*	
			For Low-E Insulated Glass, Add	*60.56*	
			For Obscure Glass, Add	*66.62*	

08 53 13 00-0195 Replacement, Double Hung Vinyl Windows (Silver Line 8500) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0196		EA	Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	313.41	51.20
			For Colored Vinyl, Add	*21.10*	
			For Tinted Glass, Add	*25.32*	
			For Low-E Insulated Glass, Add	*52.75*	
			For Obscure Glass, Add	*58.03*	
08 53 13 00-0197		EA	>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	345.21	56.08
			For Colored Vinyl, Add	*23.31*	
			For Tinted Glass, Add	*27.97*	
			For Low-E Insulated Glass, Add	*58.27*	
			For Obscure Glass, Add	*64.09*	
08 53 13 00-0198		EA	>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	375.37	60.95
			For Colored Vinyl, Add	*25.35*	
			For Tinted Glass, Add	*30.42*	
			For Low-E Insulated Glass, Add	*63.37*	
			For Obscure Glass, Add	*69.70*	
08 53 13 00-0199		EA	>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	398.58	65.83
			For Colored Vinyl, Add	*26.69*	
			For Tinted Glass, Add	*32.03*	
			For Low-E Insulated Glass, Add	*66.73*	
			For Obscure Glass, Add	*73.40*	
08 53 13 00-0200		EA	>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	423.04	70.71
			For Colored Vinyl, Add	*28.16*	
			For Tinted Glass, Add	*33.80*	
			For Low-E Insulated Glass, Add	*70.41*	
			For Obscure Glass, Add	*77.45*	
08 53 13 00-0201		EA	>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	458.40	75.58
			For Colored Vinyl, Add	*30.72*	
			For Tinted Glass, Add	*36.87*	
			For Low-E Insulated Glass, Add	*76.81*	
			For Obscure Glass, Add	*84.49*	
08 53 13 00-0202		UI	>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	3.83	0.63
			For Colored Vinyl, Add	*0.26*	
			For Tinted Glass, Add	*0.31*	
			For Low-E Insulated Glass, Add	*0.64*	
			For Obscure Glass, Add	*0.70*	

08 53 13 00-0203 Casement Vinyl Windows *(08 53 13)*

08 53 13 00-0204 New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0205 One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0206 24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0207		EA	17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	232.15	37.06
			For Colored Vinyl, Add	*15.90*	
			For Tinted Glass, Add	*19.08*	
			For Low-E Insulated Glass, Add	*39.75*	
			For Obscure Glass, Add	*43.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	240.44	38.04
		For Colored Vinyl, Add	*16.44*	
		For Tinted Glass, Add	*19.72*	
		For Low-E Insulated Glass, Add	*41.09*	
		For Obscure Glass, Add	*45.20*	
08 53 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	249.70	39.99
		For Colored Vinyl, Add	*16.97*	
		For Tinted Glass, Add	*20.37*	
		For Low-E Insulated Glass, Add	*42.43*	
		For Obscure Glass, Add	*46.68*	
08 53 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	264.89	41.94
		For Colored Vinyl, Add	*18.10*	
		For Tinted Glass, Add	*21.72*	
		For Low-E Insulated Glass, Add	*45.26*	
		For Obscure Glass, Add	*49.78*	

08 53 13 00-0211 28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	246.03	39.01
		For Colored Vinyl, Add	*16.90*	
		For Tinted Glass, Add	*20.28*	
		For Low-E Insulated Glass, Add	*42.25*	
		For Obscure Glass, Add	*46.47*	
08 53 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	254.94	39.99
		For Colored Vinyl, Add	*17.50*	
		For Tinted Glass, Add	*21.00*	
		For Low-E Insulated Glass, Add	*43.74*	
		For Obscure Glass, Add	*48.12*	
08 53 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	264.80	41.94
		For Colored Vinyl, Add	*18.09*	
		For Tinted Glass, Add	*21.71*	
		For Low-E Insulated Glass, Add	*45.23*	
		For Obscure Glass, Add	*49.76*	
08 53 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	280.71	43.89
		For Colored Vinyl, Add	*19.29*	
		For Tinted Glass, Add	*23.15*	
		For Low-E Insulated Glass, Add	*48.24*	
		For Obscure Glass, Add	*53.06*	

08 53 13 00-0216 36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	263.60	41.94
		For Colored Vinyl, Add	*17.97*	
		For Tinted Glass, Add	*21.57*	
		For Low-E Insulated Glass, Add	*44.93*	
		For Obscure Glass, Add	*49.43*	
08 53 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	272.79	43.89
		For Colored Vinyl, Add	*18.60*	
		For Tinted Glass, Add	*22.32*	
		For Low-E Insulated Glass, Add	*46.50*	
		For Obscure Glass, Add	*51.15*	
08 53 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	283.00	45.35
		For Colored Vinyl, Add	*19.23*	
		For Tinted Glass, Add	*23.08*	
		For Low-E Insulated Glass, Add	*48.08*	
		For Obscure Glass, Add	*52.88*	
08 53 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	299.48	47.30
		For Colored Vinyl, Add	*20.49*	
		For Tinted Glass, Add	*24.59*	
		For Low-E Insulated Glass, Add	*51.22*	
		For Obscure Glass, Add	*56.34*	

08 53 13 00-0221 40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	278.82	44.86
		For Colored Vinyl, Add	*19.01*	
		For Tinted Glass, Add	*22.81*	
		For Low-E Insulated Glass, Add	*47.52*	
		For Obscure Glass, Add	*52.27*	
08 53 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	288.46	45.84
		For Colored Vinyl, Add	*19.68*	
		For Tinted Glass, Add	*23.61*	
		For Low-E Insulated Glass, Add	*49.20*	
		For Obscure Glass, Add	*54.12*	
08 53 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	299.07	47.79
		For Colored Vinyl, Add	*20.35*	
		For Tinted Glass, Add	*24.42*	
		For Low-E Insulated Glass, Add	*50.88*	
		For Obscure Glass, Add	*55.96*	
08 53 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	316.74	49.74
		For Colored Vinyl, Add	*21.73*	
		For Tinted Glass, Add	*26.07*	
		For Low-E Insulated Glass, Add	*54.32*	
		For Obscure Glass, Add	*59.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0226		48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	297.09	48.77
		For Colored Vinyl, Add	*20.05*	
		For Tinted Glass, Add	*24.06*	
		For Low-E Insulated Glass, Add	*50.14*	
		For Obscure Glass, Add	*55.15*	
08 53 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	307.08	49.74
		For Colored Vinyl, Add	*20.76*	
		For Tinted Glass, Add	*24.91*	
		For Low-E Insulated Glass, Add	*51.90*	
		For Obscure Glass, Add	*57.09*	
08 53 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	318.07	51.69
		For Colored Vinyl, Add	*21.47*	
		For Tinted Glass, Add	*25.76*	
		For Low-E Insulated Glass, Add	*53.68*	
		For Obscure Glass, Add	*59.04*	
08 53 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	337.32	53.64
		For Colored Vinyl, Add	*23.00*	
		For Tinted Glass, Add	*27.60*	
		For Low-E Insulated Glass, Add	*57.51*	
		For Obscure Glass, Add	*63.26*	
08 53 13 00-0231		52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	311.40	50.72
		For Colored Vinyl, Add	*21.10*	
		For Tinted Glass, Add	*25.31*	
		For Low-E Insulated Glass, Add	*52.74*	
		For Obscure Glass, Add	*58.01*	
08 53 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	321.88	51.69
		For Colored Vinyl, Add	*21.85*	
		For Tinted Glass, Add	*26.22*	
		For Low-E Insulated Glass, Add	*54.63*	
		For Obscure Glass, Add	*60.09*	
08 53 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	333.34	53.64
		For Colored Vinyl, Add	*22.61*	
		For Tinted Glass, Add	*27.13*	
		For Low-E Insulated Glass, Add	*56.52*	
		For Obscure Glass, Add	*62.17*	
08 53 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	352.88	55.59
		For Colored Vinyl, Add	*24.17*	
		For Tinted Glass, Add	*29.00*	
		For Low-E Insulated Glass, Add	*60.43*	
		For Obscure Glass, Add	*66.47*	
08 53 13 00-0236		60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	328.63	53.64
		For Colored Vinyl, Add	*22.14*	
		For Tinted Glass, Add	*26.56*	
		For Low-E Insulated Glass, Add	*55.34*	
		For Obscure Glass, Add	*60.87*	
08 53 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	339.60	55.59
		For Colored Vinyl, Add	*22.94*	
		For Tinted Glass, Add	*27.53*	
		For Low-E Insulated Glass, Add	*57.35*	
		For Obscure Glass, Add	*63.09*	
08 53 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	351.54	57.05
		For Colored Vinyl, Add	*23.74*	
		For Tinted Glass, Add	*28.49*	
		For Low-E Insulated Glass, Add	*59.36*	
		For Obscure Glass, Add	*65.30*	
08 53 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	371.36	59.00
		For Colored Vinyl, Add	*25.34*	
		For Tinted Glass, Add	*30.40*	
		For Low-E Insulated Glass, Add	*63.34*	
		For Obscure Glass, Add	*69.67*	
08 53 13 00-0241		64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0242	EA	17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	343.66	56.57
		For Colored Vinyl, Add	*23.15*	
		For Tinted Glass, Add	*27.78*	
		For Low-E Insulated Glass, Add	*57.88*	
		For Obscure Glass, Add	*63.67*	
08 53 13 00-0243	EA	20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	354.88	57.54
		For Colored Vinyl, Add	*23.98*	
		For Tinted Glass, Add	*28.78*	
		For Low-E Insulated Glass, Add	*59.95*	
		For Obscure Glass, Add	*65.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0244	EA	24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	367.49	59.49
		For Colored Vinyl, Add	*24.85*	
		For Tinted Glass, Add	*29.82*	
		For Low-E Insulated Glass, Add	*62.13*	
		For Obscure Glass, Add	*68.34*	
08 53 13 00-0245	EA	28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	386.90	61.45
		For Colored Vinyl, Add	*26.40*	
		For Tinted Glass, Add	*31.68*	
		For Low-E Insulated Glass, Add	*66.01*	
		For Obscure Glass, Add	*72.61*	

08 53 13 00-0246 72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0247	EA	17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	362.50	59.49
		For Colored Vinyl, Add	*24.35*	
		For Tinted Glass, Add	*29.22*	
		For Low-E Insulated Glass, Add	*60.88*	
		For Obscure Glass, Add	*66.97*	
08 53 13 00-0248	EA	20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	374.23	61.45
		For Colored Vinyl, Add	*25.23*	
		For Tinted Glass, Add	*30.28*	
		For Low-E Insulated Glass, Add	*63.08*	
		For Obscure Glass, Add	*69.39*	
08 53 13 00-0249	EA	24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	386.38	62.90
		For Colored Vinyl, Add	*26.06*	
		For Tinted Glass, Add	*31.27*	
		For Low-E Insulated Glass, Add	*65.14*	
		For Obscure Glass, Add	*71.66*	
08 53 13 00-0250	EA	28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	405.57	64.85
		For Colored Vinyl, Add	*27.59*	
		For Tinted Glass, Add	*33.10*	
		For Low-E Insulated Glass, Add	*68.97*	
		For Obscure Glass, Add	*75.86*	

08 53 13 00-0251 Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0252 36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0253	EA	33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	444.67	49.74
		For Colored Vinyl, Add	*34.52*	
		For Tinted Glass, Add	*41.42*	
		For Low-E Insulated Glass, Add	*86.30*	
		For Obscure Glass, Add	*94.93*	
08 53 13 00-0254	EA	40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	462.34	53.64
		For Colored Vinyl, Add	*35.60*	
		For Tinted Glass, Add	*42.72*	
		For Low-E Insulated Glass, Add	*89.01*	
		For Obscure Glass, Add	*97.91*	
08 53 13 00-0255	EA	48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	480.99	57.54
		For Colored Vinyl, Add	*36.69*	
		For Tinted Glass, Add	*44.03*	
		For Low-E Insulated Glass, Add	*91.72*	
		For Obscure Glass, Add	*100.89*	
08 53 13 00-0256	EA	56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	501.67	60.95
		For Colored Vinyl, Add	*37.98*	
		For Tinted Glass, Add	*45.57*	
		For Low-E Insulated Glass, Add	*94.94*	
		For Obscure Glass, Add	*104.43*	

08 53 13 00-0257 40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0258	EA	33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	470.43	52.17
		For Colored Vinyl, Add	*36.61*	
		For Tinted Glass, Add	*43.93*	
		For Low-E Insulated Glass, Add	*91.52*	
		For Obscure Glass, Add	*100.67*	
08 53 13 00-0259	EA	40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	488.99	55.59
		For Colored Vinyl, Add	*37.78*	
		For Tinted Glass, Add	*45.34*	
		For Low-E Insulated Glass, Add	*94.45*	
		For Obscure Glass, Add	*103.90*	
08 53 13 00-0260	EA	48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	508.53	59.49
		For Colored Vinyl, Add	*38.96*	
		For Tinted Glass, Add	*46.75*	
		For Low-E Insulated Glass, Add	*97.39*	
		For Obscure Glass, Add	*107.13*	
08 53 13 00-0261	EA	56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	528.65	63.40
		For Colored Vinyl, Add	*40.19*	
		For Tinted Glass, Add	*48.22*	
		For Low-E Insulated Glass, Add	*100.47*	
		For Obscure Glass, Add	*110.51*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0262		48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0263	EA	33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	499.52	56.08
		For Colored Vinyl, Add	*38.74*	
		For Tinted Glass, Add	*46.48*	
		For Low-E Insulated Glass, Add	*96.84*	
		For Obscure Glass, Add	*106.53*	
08 53 13 00-0264	EA	40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	518.72	59.49
		For Colored Vinyl, Add	*39.97*	
		For Tinted Glass, Add	*47.97*	
		For Low-E Insulated Glass, Add	*99.94*	
		For Obscure Glass, Add	*109.93*	
08 53 13 00-0265	EA	48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	538.91	63.40
		For Colored Vinyl, Add	*41.21*	
		For Tinted Glass, Add	*49.46*	
		For Low-E Insulated Glass, Add	*103.03*	
		For Obscure Glass, Add	*113.34*	
08 53 13 00-0266	EA	56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	560.54	67.30
		For Colored Vinyl, Add	*42.60*	
		For Tinted Glass, Add	*51.12*	
		For Low-E Insulated Glass, Add	*106.49*	
		For Obscure Glass, Add	*117.14*	
08 53 13 00-0267		52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0268	EA	33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	524.66	58.03
		For Colored Vinyl, Add	*40.86*	
		For Tinted Glass, Add	*49.03*	
		For Low-E Insulated Glass, Add	*102.15*	
		For Obscure Glass, Add	*112.37*	
08 53 13 00-0269	EA	40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	544.72	61.45
		For Colored Vinyl, Add	*42.18*	
		For Tinted Glass, Add	*50.62*	
		For Low-E Insulated Glass, Add	*105.46*	
		For Obscure Glass, Add	*116.01*	
08 53 13 00-0270	EA	48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	565.75	65.35
		For Colored Vinyl, Add	*43.51*	
		For Tinted Glass, Add	*52.21*	
		For Low-E Insulated Glass, Add	*108.77*	
		For Obscure Glass, Add	*119.64*	
08 53 13 00-0271	EA	56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	587.69	69.25
		For Colored Vinyl, Add	*44.92*	
		For Tinted Glass, Add	*53.90*	
		For Low-E Insulated Glass, Add	*112.30*	
		For Obscure Glass, Add	*123.53*	
08 53 13 00-0272		60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0273	EA	33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	552.73	61.45
		For Colored Vinyl, Add	*42.99*	
		For Tinted Glass, Add	*51.58*	
		For Low-E Insulated Glass, Add	*107.46*	
		For Obscure Glass, Add	*118.21*	
08 53 13 00-0274	EA	40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	573.65	65.35
		For Colored Vinyl, Add	*44.39*	
		For Tinted Glass, Add	*53.27*	
		For Low-E Insulated Glass, Add	*110.99*	
		For Obscure Glass, Add	*122.08*	
08 53 13 00-0275	EA	48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	595.53	69.25
		For Colored Vinyl, Add	*45.80*	
		For Tinted Glass, Add	*54.96*	
		For Low-E Insulated Glass, Add	*114.51*	
		For Obscure Glass, Add	*125.96*	
08 53 13 00-0276	EA	56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	617.73	72.66
		For Colored Vinyl, Add	*47.24*	
		For Tinted Glass, Add	*56.69*	
		For Low-E Insulated Glass, Add	*118.11*	
		For Obscure Glass, Add	*129.92*	
08 53 13 00-0277		64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*		
08 53 13 00-0278	EA	33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	579.55	63.88
		For Colored Vinyl, Add	*45.18*	
		For Tinted Glass, Add	*54.21*	
		For Low-E Insulated Glass, Add	*112.95*	
		For Obscure Glass, Add	*124.24*	
08 53 13 00-0279	EA	40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	600.46	67.30
		For Colored Vinyl, Add	*46.59*	
		For Tinted Glass, Add	*55.91*	
		For Low-E Insulated Glass, Add	*116.47*	
		For Obscure Glass, Add	*128.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0280	EA	48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	622.28	71.20
		For Colored Vinyl, Add	*47.99*	
		For Tinted Glass, Add	*57.59*	
		For Low-E Insulated Glass, Add	*119.97*	
		For Obscure Glass, Add	*131.97*	
08 53 13 00-0281	EA	56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	644.55	75.09
		For Colored Vinyl, Add	*49.44*	
		For Tinted Glass, Add	*59.32*	
		For Low-E Insulated Glass, Add	*123.59*	
		For Obscure Glass, Add	*135.95*	

08 53 13 00-0282 72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0283	EA	33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	609.73	67.30
		For Colored Vinyl, Add	*47.52*	
		For Tinted Glass, Add	*57.02*	
		For Low-E Insulated Glass, Add	*118.79*	
		For Obscure Glass, Add	*130.67*	
08 53 13 00-0284	EA	40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	630.64	71.20
		For Colored Vinyl, Add	*48.92*	
		For Tinted Glass, Add	*58.71*	
		For Low-E Insulated Glass, Add	*122.31*	
		For Obscure Glass, Add	*134.54*	
08 53 13 00-0285	EA	48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	652.53	75.09
		For Colored Vinyl, Add	*50.33*	
		For Tinted Glass, Add	*60.40*	
		For Low-E Insulated Glass, Add	*125.83*	
		For Obscure Glass, Add	*138.41*	
08 53 13 00-0286	EA	56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	674.75	78.51
		For Colored Vinyl, Add	*51.77*	
		For Tinted Glass, Add	*62.13*	
		For Low-E Insulated Glass, Add	*129.43*	
		For Obscure Glass, Add	*142.38*	

08 53 13 00-0287 Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0288 36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0289	EA	62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	550.67	63.40
		For Colored Vinyl, Add	*42.39*	
		For Tinted Glass, Add	*50.87*	
		For Low-E Insulated Glass, Add	*105.97*	
		For Obscure Glass, Add	*116.57*	
08 53 13 00-0290	EA	72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	578.29	68.27
		For Colored Vinyl, Add	*44.18*	
		For Tinted Glass, Add	*53.01*	
		For Low-E Insulated Glass, Add	*110.44*	
		For Obscure Glass, Add	*121.48*	
08 53 13 00-0291	EA	86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	626.51	75.58
		For Colored Vinyl, Add	*47.53*	
		For Tinted Glass, Add	*57.04*	
		For Low-E Insulated Glass, Add	*118.84*	
		For Obscure Glass, Add	*130.72*	

08 53 13 00-0292 40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0293	EA	62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	585.33	66.32
		For Colored Vinyl, Add	*45.37*	
		For Tinted Glass, Add	*54.44*	
		For Low-E Insulated Glass, Add	*113.42*	
		For Obscure Glass, Add	*124.76*	
08 53 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	613.12	70.71
		For Colored Vinyl, Add	*47.17*	
		For Tinted Glass, Add	*56.61*	
		For Low-E Insulated Glass, Add	*117.93*	
		For Obscure Glass, Add	*129.72*	
08 53 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	663.76	78.02
		For Colored Vinyl, Add	*50.77*	
		For Tinted Glass, Add	*60.93*	
		For Low-E Insulated Glass, Add	*126.93*	
		For Obscure Glass, Add	*139.62*	

08 53 13 00-0296 48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	619.63	70.22
		For Colored Vinyl, Add	*47.92*	
		For Tinted Glass, Add	*57.50*	
		For Low-E Insulated Glass, Add	*119.80*	
		For Obscure Glass, Add	*131.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	651.31	74.61
		For Colored Vinyl, Add	*50.21*	
		For Tinted Glass, Add	*60.25*	
		For Low-E Insulated Glass, Add	*125.53*	
		For Obscure Glass, Add	*138.08*	
08 53 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	704.02	81.92
		For Colored Vinyl, Add	*54.02*	
		For Tinted Glass, Add	*64.82*	
		For Low-E Insulated Glass, Add	*135.05*	
		For Obscure Glass, Add	*148.55*	

08 53 13 00-0300 52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	652.29	72.17
		For Colored Vinyl, Add	*50.80*	
		For Tinted Glass, Add	*60.95*	
		For Low-E Insulated Glass, Add	*126.99*	
		For Obscure Glass, Add	*139.69*	
08 53 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	686.20	77.04
		For Colored Vinyl, Add	*53.21*	
		For Tinted Glass, Add	*63.85*	
		For Low-E Insulated Glass, Add	*133.03*	
		For Obscure Glass, Add	*146.33*	
08 53 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	745.16	83.87
		For Colored Vinyl, Add	*57.74*	
		For Tinted Glass, Add	*69.29*	
		For Low-E Insulated Glass, Add	*144.35*	
		For Obscure Glass, Add	*158.79*	

08 53 13 00-0304 60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	687.86	75.58
		For Colored Vinyl, Add	*53.67*	
		For Tinted Glass, Add	*64.40*	
		For Low-E Insulated Glass, Add	*134.17*	
		For Obscure Glass, Add	*147.59*	
08 53 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	723.03	80.46
		For Colored Vinyl, Add	*56.21*	
		For Tinted Glass, Add	*67.45*	
		For Low-E Insulated Glass, Add	*140.53*	
		For Obscure Glass, Add	*154.58*	
08 53 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	789.21	87.29
		For Colored Vinyl, Add	*61.46*	
		For Tinted Glass, Add	*73.76*	
		For Low-E Insulated Glass, Add	*153.66*	
		For Obscure Glass, Add	*169.03*	

08 53 13 00-0308 64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	725.20	78.02
		For Colored Vinyl, Add	*56.92*	
		For Tinted Glass, Add	*68.30*	
		For Low-E Insulated Glass, Add	*142.29*	
		For Obscure Glass, Add	*156.52*	
08 53 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	760.36	82.89
		For Colored Vinyl, Add	*59.46*	
		For Tinted Glass, Add	*71.35*	
		For Low-E Insulated Glass, Add	*148.64*	
		For Obscure Glass, Add	*163.51*	
08 53 13 00-0311	EA	86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	826.54	89.72
		For Colored Vinyl, Add	*64.71*	
		For Tinted Glass, Add	*77.65*	
		For Low-E Insulated Glass, Add	*161.77*	
		For Obscure Glass, Add	*177.95*	

08 53 13 00-0312 72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0313	EA	62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	764.57	81.43
		For Colored Vinyl, Add	*60.17*	
		For Tinted Glass, Add	*72.20*	
		For Low-E Insulated Glass, Add	*150.43*	
		For Obscure Glass, Add	*165.47*	
08 53 13 00-0314	EA	72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	799.73	86.31
		For Colored Vinyl, Add	*62.71*	
		For Tinted Glass, Add	*75.25*	
		For Low-E Insulated Glass, Add	*156.78*	
		For Obscure Glass, Add	*172.46*	
08 53 13 00-0315	EA	86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	865.91	93.14
		For Colored Vinyl, Add	*67.96*	
		For Tinted Glass, Add	*81.56*	
		For Low-E Insulated Glass, Add	*169.91*	
		For Obscure Glass, Add	*186.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 13 00-0316 Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0317 One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0318	EA	Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	292.99	41.45
		For Colored Vinyl, Add	*21.01*	
		For Tinted Glass, Add	*25.21*	
		For Low-E Insulated Glass, Add	*52.53*	
		For Obscure Glass, Add	*57.78*	
08 53 13 00-0319	EA	>53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	331.99	46.32
		For Colored Vinyl, Add	*23.93*	
		For Tinted Glass, Add	*28.72*	
		For Low-E Insulated Glass, Add	*59.84*	
		For Obscure Glass, Add	*65.82*	
08 53 13 00-0320	EA	>63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	367.67	51.20
		For Colored Vinyl, Add	*26.53*	
		For Tinted Glass, Add	*31.83*	
		For Low-E Insulated Glass, Add	*66.32*	
		For Obscure Glass, Add	*72.95*	
08 53 13 00-0321	EA	>73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	400.05	56.08
		For Colored Vinyl, Add	*28.79*	
		For Tinted Glass, Add	*34.55*	
		For Low-E Insulated Glass, Add	*71.98*	
		For Obscure Glass, Add	*79.17*	
08 53 13 00-0322	EA	>83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	429.14	60.95
		For Colored Vinyl, Add	*30.72*	
		For Tinted Glass, Add	*36.87*	
		For Low-E Insulated Glass, Add	*76.81*	
		For Obscure Glass, Add	*84.49*	
08 53 13 00-0323	EA	>93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	448.63	65.83
		For Colored Vinyl, Add	*31.70*	
		For Tinted Glass, Add	*38.04*	
		For Low-E Insulated Glass, Add	*79.24*	
		For Obscure Glass, Add	*87.17*	
08 53 13 00-0324	UI	>101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	4.41	0.63
		For Colored Vinyl, Add	*0.31*	
		For Tinted Glass, Add	*0.38*	
		For Low-E Insulated Glass, Add	*0.79*	
		For Obscure Glass, Add	*0.86*	

08 53 13 00-0325 Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0326	EA	Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	470.16	51.20
		For Colored Vinyl, Add	*36.78*	
		For Tinted Glass, Add	*44.13*	
		For Low-E Insulated Glass, Add	*91.94*	
		For Obscure Glass, Add	*101.13*	
08 53 13 00-0327	EA	>73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	516.58	56.08
		For Colored Vinyl, Add	*40.44*	
		For Tinted Glass, Add	*48.53*	
		For Low-E Insulated Glass, Add	*101.11*	
		For Obscure Glass, Add	*111.22*	
08 53 13 00-0328	EA	>83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	559.71	60.95
		For Colored Vinyl, Add	*43.78*	
		For Tinted Glass, Add	*52.54*	
		For Low-E Insulated Glass, Add	*109.45*	
		For Obscure Glass, Add	*120.40*	
08 53 13 00-0329	EA	>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	590.44	65.83
		For Colored Vinyl, Add	*45.88*	
		For Tinted Glass, Add	*55.05*	
		For Low-E Insulated Glass, Add	*114.70*	
		For Obscure Glass, Add	*126.16*	
08 53 13 00-0330	EA	>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	622.90	70.71
		For Colored Vinyl, Add	*48.15*	
		For Tinted Glass, Add	*57.78*	
		For Low-E Insulated Glass, Add	*120.37*	
		For Obscure Glass, Add	*132.41*	
08 53 13 00-0331	EA	>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	656.61	75.58
		For Colored Vinyl, Add	*50.54*	
		For Tinted Glass, Add	*60.65*	
		For Low-E Insulated Glass, Add	*126.36*	
		For Obscure Glass, Add	*139.00*	
08 53 13 00-0332	UI	>120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	5.48	0.63
		For Colored Vinyl, Add	*0.42*	
		For Tinted Glass, Add	*0.51*	
		For Low-E Insulated Glass, Add	*1.05*	
		For Obscure Glass, Add	*1.16*	

08 53 13 00-0333 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0334	EA	Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	488.25	51.20
		For Colored Vinyl, Add	*38.59*	
		For Tinted Glass, Add	*46.30*	
		For Low-E Insulated Glass, Add	*96.46*	
		For Obscure Glass, Add	*106.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0335	EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	536.65	56.08
		For Colored Vinyl, Add	*42.45*	
		For Tinted Glass, Add	*50.94*	
		For Low-E Insulated Glass, Add	*106.13*	
		For Obscure Glass, Add	*116.74*	
08 53 13 00-0336	EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	582.75	60.95
		For Colored Vinyl, Add	*46.08*	
		For Tinted Glass, Add	*55.30*	
		For Low-E Insulated Glass, Add	*115.21*	
		For Obscure Glass, Add	*126.73*	
08 53 13 00-0337	EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	615.46	65.83
		For Colored Vinyl, Add	*48.38*	
		For Tinted Glass, Add	*58.06*	
		For Low-E Insulated Glass, Add	*120.95*	
		For Obscure Glass, Add	*133.05*	
08 53 13 00-0338	EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	650.15	70.71
		For Colored Vinyl, Add	*50.87*	
		For Tinted Glass, Add	*61.05*	
		For Low-E Insulated Glass, Add	*127.19*	
		For Obscure Glass, Add	*139.90*	
08 53 13 00-0339	EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	686.34	75.58
		For Colored Vinyl, Add	*53.52*	
		For Tinted Glass, Add	*64.22*	
		For Low-E Insulated Glass, Add	*133.79*	
		For Obscure Glass, Add	*147.17*	
08 53 13 00-0340	UI	>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	5.73	0.63
		For Colored Vinyl, Add	*0.45*	
		For Tinted Glass, Add	*0.54*	
		For Low-E Insulated Glass, Add	*1.12*	
		For Obscure Glass, Add	*1.23*	

08 53 13 00-0341 Awning Vinyl Windows *(08 53 13)*

08 53 13 00-0342 New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0343 Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0342)*

08 53 13 00-0344 17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0345	EA	24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	293.33	39.99
		For Colored Vinyl, Add	*21.34*	
		For Tinted Glass, Add	*25.60*	
		For Low-E Insulated Glass, Add	*53.34*	
		For Obscure Glass, Add	*58.67*	
08 53 13 00-0346	EA	28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	307.14	41.94
		For Colored Vinyl, Add	*22.33*	
		For Tinted Glass, Add	*26.79*	
		For Low-E Insulated Glass, Add	*55.82*	
		For Obscure Glass, Add	*61.40*	
08 53 13 00-0347	EA	36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	328.83	45.35
		For Colored Vinyl, Add	*23.81*	
		For Tinted Glass, Add	*28.58*	
		For Low-E Insulated Glass, Add	*59.53*	
		For Obscure Glass, Add	*65.49*	
08 53 13 00-0348	EA	40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	343.05	47.79
		For Colored Vinyl, Add	*24.75*	
		For Tinted Glass, Add	*29.70*	
		For Low-E Insulated Glass, Add	*61.87*	
		For Obscure Glass, Add	*68.06*	
08 53 13 00-0349	EA	48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	366.28	51.69
		For Colored Vinyl, Add	*26.29*	
		For Tinted Glass, Add	*31.55*	
		For Low-E Insulated Glass, Add	*65.73*	
		For Obscure Glass, Add	*72.30*	

08 53 13 00-0350 20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0351	EA	24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	308.64	41.94
		For Colored Vinyl, Add	*22.58*	
		For Tinted Glass, Add	*27.09*	
		For Low-E Insulated Glass, Add	*56.44*	
		For Obscure Glass, Add	*62.08*	
08 53 13 00-0352	EA	28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	322.45	43.89
		For Colored Vinyl, Add	*23.57*	
		For Tinted Glass, Add	*28.28*	
		For Low-E Insulated Glass, Add	*58.92*	
		For Obscure Glass, Add	*64.81*	
08 53 13 00-0353	EA	36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	345.51	46.82
		For Colored Vinyl, Add	*25.19*	
		For Tinted Glass, Add	*30.23*	
		For Low-E Insulated Glass, Add	*62.97*	
		For Obscure Glass, Add	*69.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0354	EA	40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	359.76	49.74
		For Colored Vinyl, Add	*26.13*	
		For Tinted Glass, Add	*31.35*	
		For Low-E Insulated Glass, Add	*65.32*	
		For Obscure Glass, Add	*71.85*	
08 53 13 00-0355	EA	48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	384.34	53.15
		For Colored Vinyl, Add	*27.80*	
		For Tinted Glass, Add	*33.36*	
		For Low-E Insulated Glass, Add	*69.51*	
		For Obscure Glass, Add	*76.46*	

08 53 13 00-0356 24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0357	EA	24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	319.41	43.89
		For Colored Vinyl, Add	*23.26*	
		For Tinted Glass, Add	*27.91*	
		For Low-E Insulated Glass, Add	*58.16*	
		For Obscure Glass, Add	*63.97*	
08 53 13 00-0358	EA	28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	333.23	45.84
		For Colored Vinyl, Add	*24.25*	
		For Tinted Glass, Add	*29.10*	
		For Low-E Insulated Glass, Add	*60.63*	
		For Obscure Glass, Add	*66.70*	
08 53 13 00-0359	EA	36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	356.98	48.77
		For Colored Vinyl, Add	*25.95*	
		For Tinted Glass, Add	*31.14*	
		For Low-E Insulated Glass, Add	*64.87*	
		For Obscure Glass, Add	*71.35*	
08 53 13 00-0360	EA	40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	372.33	51.69
		For Colored Vinyl, Add	*26.99*	
		For Tinted Glass, Add	*32.39*	
		For Low-E Insulated Glass, Add	*67.48*	
		For Obscure Glass, Add	*74.23*	
08 53 13 00-0361	EA	48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	397.19	55.10
		For Colored Vinyl, Add	*28.70*	
		For Tinted Glass, Add	*34.44*	
		For Low-E Insulated Glass, Add	*71.75*	
		For Obscure Glass, Add	*78.92*	

08 53 13 00-0362 28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0363	EA	24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	330.21	45.84
		For Colored Vinyl, Add	*23.95*	
		For Tinted Glass, Add	*28.74*	
		For Low-E Insulated Glass, Add	*59.88*	
		For Obscure Glass, Add	*65.87*	
08 53 13 00-0364	EA	28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	344.02	47.79
		For Colored Vinyl, Add	*24.94*	
		For Tinted Glass, Add	*29.93*	
		For Low-E Insulated Glass, Add	*62.36*	
		For Obscure Glass, Add	*68.59*	
08 53 13 00-0365	EA	36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	368.46	50.72
		For Colored Vinyl, Add	*26.70*	
		For Tinted Glass, Add	*32.04*	
		For Low-E Insulated Glass, Add	*66.76*	
		For Obscure Glass, Add	*73.44*	
08 53 13 00-0366	EA	40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	384.84	53.64
		For Colored Vinyl, Add	*27.85*	
		For Tinted Glass, Add	*33.42*	
		For Low-E Insulated Glass, Add	*69.64*	
		For Obscure Glass, Add	*76.60*	
08 53 13 00-0367	EA	48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	410.05	57.05
		For Colored Vinyl, Add	*29.60*	
		For Tinted Glass, Add	*35.51*	
		For Low-E Insulated Glass, Add	*73.99*	
		For Obscure Glass, Add	*81.39*	

08 53 13 00-0368 36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0369	EA	36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	390.42	54.13
		For Colored Vinyl, Add	*28.22*	
		For Tinted Glass, Add	*33.86*	
		For Low-E Insulated Glass, Add	*70.54*	
		For Obscure Glass, Add	*77.60*	
08 53 13 00-0370	EA	40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	406.81	56.57
		For Colored Vinyl, Add	*29.37*	
		For Tinted Glass, Add	*35.24*	
		For Low-E Insulated Glass, Add	*73.42*	
		For Obscure Glass, Add	*80.76*	
08 53 13 00-0371	EA	48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	433.39	60.47
		For Colored Vinyl, Add	*31.25*	
		For Tinted Glass, Add	*37.50*	
		For Low-E Insulated Glass, Add	*78.12*	
		For Obscure Glass, Add	*85.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0372		Replacement, Awning Vinyl Windows (Silver Line 7400) *(08 53 13 00-0341)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0373	EA	Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	306.13	41.45
		For Colored Vinyl, Add	*22.32*	
		For Tinted Glass, Add	*26.79*	
		For Low-E Insulated Glass, Add	*55.81*	
		For Obscure Glass, Add	*61.39*	
08 53 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	352.80	46.32
		For Colored Vinyl, Add	*26.02*	
		For Tinted Glass, Add	*31.22*	
		For Low-E Insulated Glass, Add	*65.04*	
		For Obscure Glass, Add	*71.54*	
08 53 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	397.82	51.20
		For Colored Vinyl, Add	*29.54*	
		For Tinted Glass, Add	*35.45*	
		For Low-E Insulated Glass, Add	*73.86*	
		For Obscure Glass, Add	*81.24*	
08 53 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	441.18	56.08
		For Colored Vinyl, Add	*32.90*	
		For Tinted Glass, Add	*39.48*	
		For Low-E Insulated Glass, Add	*82.26*	
		For Obscure Glass, Add	*90.48*	
08 53 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	482.90	60.95
		For Colored Vinyl, Add	*36.10*	
		For Tinted Glass, Add	*43.32*	
		For Low-E Insulated Glass, Add	*90.25*	
		For Obscure Glass, Add	*99.27*	
08 53 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	507.02	65.83
		For Colored Vinyl, Add	*37.54*	
		For Tinted Glass, Add	*45.04*	
		For Low-E Insulated Glass, Add	*93.84*	
		For Obscure Glass, Add	*103.22*	
08 53 13 00-0379	UI	>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	4.99	0.63
		For Colored Vinyl, Add	*0.37*	
		For Tinted Glass, Add	*0.45*	
		For Low-E Insulated Glass, Add	*0.93*	
		For Obscure Glass, Add	*1.02*	
08 53 13 00-0380		Horizontal Sliding Vinyl Windows *(08 53 13)*		
08 53 13 00-0381		New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0380)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0382		20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	194.32	47.79
		For Colored Vinyl, Add	*9.97*	
		For Tinted Glass, Add	*11.97*	
		For Low-E Insulated Glass, Add	*24.93*	
		For Obscure Glass, Add	*27.42*	
08 53 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	215.80	53.64
		For Colored Vinyl, Add	*10.95*	
		For Tinted Glass, Add	*13.14*	
		For Low-E Insulated Glass, Add	*27.38*	
		For Obscure Glass, Add	*30.11*	
08 53 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	226.53	56.08
		For Colored Vinyl, Add	*11.44*	
		For Tinted Glass, Add	*13.73*	
		For Low-E Insulated Glass, Add	*28.60*	
		For Obscure Glass, Add	*31.45*	
08 53 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	237.27	59.00
		For Colored Vinyl, Add	*11.93*	
		For Tinted Glass, Add	*14.31*	
		For Low-E Insulated Glass, Add	*29.82*	
		For Obscure Glass, Add	*32.80*	
08 53 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	244.44	61.45
		For Colored Vinyl, Add	*12.25*	
		For Tinted Glass, Add	*14.70*	
		For Low-E Insulated Glass, Add	*30.63*	
		For Obscure Glass, Add	*33.70*	
08 53 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	258.76	64.85
		For Colored Vinyl, Add	*12.91*	
		For Tinted Glass, Add	*15.49*	
		For Low-E Insulated Glass, Add	*32.26*	
		For Obscure Glass, Add	*35.49*	
08 53 13 00-0389		24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	203.72	49.74
		For Colored Vinyl, Add	*10.52*	
		For Tinted Glass, Add	*12.63*	
		For Low-E Insulated Glass, Add	*26.31*	
		For Obscure Glass, Add	*28.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	225.64	55.59
		For Colored Vinyl, Add	*11.54*	
		For Tinted Glass, Add	*13.85*	
		For Low-E Insulated Glass, Add	*28.86*	
		For Obscure Glass, Add	*31.75*	
08 53 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	236.66	58.03
		For Colored Vinyl, Add	*12.06*	
		For Tinted Glass, Add	*14.47*	
		For Low-E Insulated Glass, Add	*30.15*	
		For Obscure Glass, Add	*33.17*	
08 53 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	247.59	60.95
		For Colored Vinyl, Add	*12.57*	
		For Tinted Glass, Add	*15.08*	
		For Low-E Insulated Glass, Add	*31.42*	
		For Obscure Glass, Add	*34.56*	
08 53 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	254.89	63.40
		For Colored Vinyl, Add	*12.91*	
		For Tinted Glass, Add	*15.49*	
		For Low-E Insulated Glass, Add	*32.27*	
		For Obscure Glass, Add	*35.50*	
08 53 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	269.52	66.80
		For Colored Vinyl, Add	*13.59*	
		For Tinted Glass, Add	*16.31*	
		For Low-E Insulated Glass, Add	*33.98*	
		For Obscure Glass, Add	*37.38*	

08 53 13 00-0396 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	232.07	55.59
		For Colored Vinyl, Add	*12.19*	
		For Tinted Glass, Add	*14.62*	
		For Low-E Insulated Glass, Add	*30.47*	
		For Obscure Glass, Add	*33.51*	
08 53 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	255.44	61.45
		For Colored Vinyl, Add	*13.35*	
		For Tinted Glass, Add	*16.02*	
		For Low-E Insulated Glass, Add	*33.38*	
		For Obscure Glass, Add	*36.72*	
08 53 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	267.14	63.88
		For Colored Vinyl, Add	*13.94*	
		For Tinted Glass, Add	*16.73*	
		For Low-E Insulated Glass, Add	*34.85*	
		For Obscure Glass, Add	*38.33*	
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	278.82	66.80
		For Colored Vinyl, Add	*14.52*	
		For Tinted Glass, Add	*17.43*	
		For Low-E Insulated Glass, Add	*36.30*	
		For Obscure Glass, Add	*39.93*	
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	286.61	68.27
		For Colored Vinyl, Add	*14.91*	
		For Tinted Glass, Add	*17.89*	
		For Low-E Insulated Glass, Add	*37.28*	
		For Obscure Glass, Add	*41.00*	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	302.19	72.66
		For Colored Vinyl, Add	*15.69*	
		For Tinted Glass, Add	*18.83*	
		For Low-E Insulated Glass, Add	*39.22*	
		For Obscure Glass, Add	*43.14*	

08 53 13 00-0403 42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	246.24	58.52
		For Colored Vinyl, Add	*13.02*	
		For Tinted Glass, Add	*15.62*	
		For Low-E Insulated Glass, Add	*32.55*	
		For Obscure Glass, Add	*35.80*	
08 53 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	270.34	64.37
		For Colored Vinyl, Add	*14.26*	
		For Tinted Glass, Add	*17.11*	
		For Low-E Insulated Glass, Add	*35.65*	
		For Obscure Glass, Add	*39.21*	
08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	282.40	66.80
		For Colored Vinyl, Add	*14.88*	
		For Tinted Glass, Add	*17.85*	
		For Low-E Insulated Glass, Add	*37.20*	
		For Obscure Glass, Add	*40.92*	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	294.44	69.73
		For Colored Vinyl, Add	*15.50*	
		For Tinted Glass, Add	*18.60*	
		For Low-E Insulated Glass, Add	*38.75*	
		For Obscure Glass, Add	*42.62*	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	302.46	72.17
		For Colored Vinyl, Add	*15.91*	
		For Tinted Glass, Add	*19.09*	
		For Low-E Insulated Glass, Add	*39.78*	
		For Obscure Glass, Add	*43.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	318.54	75.58
		For Colored Vinyl, Add	*16.74*	
		For Tinted Glass, Add	*20.08*	
		For Low-E Insulated Glass, Add	*41.84*	
		For Obscure Glass, Add	*46.03*	
08 53 13 00-0410		44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	250.97	59.49
		For Colored Vinyl, Add	*13.30*	
		For Tinted Glass, Add	*15.96*	
		For Low-E Insulated Glass, Add	*33.24*	
		For Obscure Glass, Add	*36.57*	
08 53 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	275.31	65.35
		For Colored Vinyl, Add	*14.56*	
		For Tinted Glass, Add	*17.47*	
		For Low-E Insulated Glass, Add	*36.40*	
		For Obscure Glass, Add	*40.04*	
08 53 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	287.47	67.78
		For Colored Vinyl, Add	*15.19*	
		For Tinted Glass, Add	*18.23*	
		For Low-E Insulated Glass, Add	*37.98*	
		For Obscure Glass, Add	*41.78*	
08 53 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	299.65	70.71
		For Colored Vinyl, Add	*15.82*	
		For Tinted Glass, Add	*18.99*	
		For Low-E Insulated Glass, Add	*39.56*	
		For Obscure Glass, Add	*43.52*	
08 53 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	307.76	73.15
		For Colored Vinyl, Add	*16.25*	
		For Tinted Glass, Add	*19.49*	
		For Low-E Insulated Glass, Add	*40.61*	
		For Obscure Glass, Add	*44.67*	
08 53 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	323.98	76.56
		For Colored Vinyl, Add	*17.09*	
		For Tinted Glass, Add	*20.50*	
		For Low-E Insulated Glass, Add	*42.72*	
		For Obscure Glass, Add	*46.99*	
08 53 13 00-0417		46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	255.69	60.47
		For Colored Vinyl, Add	*13.57*	
		For Tinted Glass, Add	*16.29*	
		For Low-E Insulated Glass, Add	*33.94*	
		For Obscure Glass, Add	*37.33*	
08 53 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	280.27	66.32
		For Colored Vinyl, Add	*14.86*	
		For Tinted Glass, Add	*17.83*	
		For Low-E Insulated Glass, Add	*37.15*	
		For Obscure Glass, Add	*40.87*	
08 53 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	292.56	68.76
		For Colored Vinyl, Add	*15.51*	
		For Tinted Glass, Add	*18.61*	
		For Low-E Insulated Glass, Add	*38.76*	
		For Obscure Glass, Add	*42.64*	
08 53 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	304.84	71.68
		For Colored Vinyl, Add	*16.15*	
		For Tinted Glass, Add	*19.38*	
		For Low-E Insulated Glass, Add	*40.37*	
		For Obscure Glass, Add	*44.41*	
08 53 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	313.03	74.12
		For Colored Vinyl, Add	*16.58*	
		For Tinted Glass, Add	*19.89*	
		For Low-E Insulated Glass, Add	*41.44*	
		For Obscure Glass, Add	*45.59*	
08 53 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	329.43	77.53
		For Colored Vinyl, Add	*17.44*	
		For Tinted Glass, Add	*20.92*	
		For Low-E Insulated Glass, Add	*43.59*	
		For Obscure Glass, Add	*47.95*	
08 53 13 00-0424		48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*		
08 53 13 00-0425	EA	36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	260.43	61.45
		For Colored Vinyl, Add	*13.85*	
		For Tinted Glass, Add	*16.62*	
		For Low-E Insulated Glass, Add	*34.63*	
		For Obscure Glass, Add	*38.09*	
08 53 13 00-0426	EA	48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	285.24	67.30
		For Colored Vinyl, Add	*15.16*	
		For Tinted Glass, Add	*18.20*	
		For Low-E Insulated Glass, Add	*37.91*	
		For Obscure Glass, Add	*41.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	297.65	69.73
		For Colored Vinyl, Add	*15.82*	
		For Tinted Glass, Add	*18.98*	
		For Low-E Insulated Glass, Add	*39.55*	
		For Obscure Glass, Add	*43.50*	
08 53 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	310.04	72.66
		For Colored Vinyl, Add	*16.47*	
		For Tinted Glass, Add	*19.77*	
		For Low-E Insulated Glass, Add	*41.18*	
		For Obscure Glass, Add	*45.30*	
08 53 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	318.32	75.09
		For Colored Vinyl, Add	*16.91*	
		For Tinted Glass, Add	*20.29*	
		For Low-E Insulated Glass, Add	*42.28*	
		For Obscure Glass, Add	*46.51*	
08 53 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	334.88	78.51
		For Colored Vinyl, Add	*17.79*	
		For Tinted Glass, Add	*21.34*	
		For Low-E Insulated Glass, Add	*44.47*	
		For Obscure Glass, Add	*48.91*	

08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	265.15	62.42
		For Colored Vinyl, Add	*14.13*	
		For Tinted Glass, Add	*16.95*	
		For Low-E Insulated Glass, Add	*35.32*	
		For Obscure Glass, Add	*38.85*	
08 53 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	290.20	68.27
		For Colored Vinyl, Add	*15.46*	
		For Tinted Glass, Add	*18.56*	
		For Low-E Insulated Glass, Add	*38.66*	
		For Obscure Glass, Add	*42.53*	
08 53 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	302.72	70.71
		For Colored Vinyl, Add	*16.13*	
		For Tinted Glass, Add	*19.36*	
		For Low-E Insulated Glass, Add	*40.33*	
		For Obscure Glass, Add	*44.36*	
08 53 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	315.24	73.63
		For Colored Vinyl, Add	*16.80*	
		For Tinted Glass, Add	*20.16*	
		For Low-E Insulated Glass, Add	*42.00*	
		For Obscure Glass, Add	*46.19*	
08 53 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	323.61	76.07
		For Colored Vinyl, Add	*17.24*	
		For Tinted Glass, Add	*20.69*	
		For Low-E Insulated Glass, Add	*43.11*	
		For Obscure Glass, Add	*47.42*	
08 53 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	340.32	79.48
		For Colored Vinyl, Add	*18.14*	
		For Tinted Glass, Add	*21.76*	
		For Low-E Insulated Glass, Add	*45.34*	
		For Obscure Glass, Add	*49.87*	

08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	269.88	63.40
		For Colored Vinyl, Add	*14.41*	
		For Tinted Glass, Add	*17.29*	
		For Low-E Insulated Glass, Add	*36.02*	
		For Obscure Glass, Add	*39.62*	
08 53 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	295.17	69.25
		For Colored Vinyl, Add	*15.77*	
		For Tinted Glass, Add	*18.92*	
		For Low-E Insulated Glass, Add	*39.42*	
		For Obscure Glass, Add	*43.36*	
08 53 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	307.81	71.68
		For Colored Vinyl, Add	*16.45*	
		For Tinted Glass, Add	*19.73*	
		For Low-E Insulated Glass, Add	*41.11*	
		For Obscure Glass, Add	*45.22*	
08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	320.46	74.61
		For Colored Vinyl, Add	*17.13*	
		For Tinted Glass, Add	*20.55*	
		For Low-E Insulated Glass, Add	*42.81*	
		For Obscure Glass, Add	*47.09*	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	328.90	77.04
		For Colored Vinyl, Add	*17.58*	
		For Tinted Glass, Add	*21.09*	
		For Low-E Insulated Glass, Add	*43.95*	
		For Obscure Glass, Add	*48.34*	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	345.77	80.46
		For Colored Vinyl, Add	*18.49*	
		For Tinted Glass, Add	*22.18*	
		For Low-E Insulated Glass, Add	*46.21*	
		For Obscure Glass, Add	*50.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0445		**54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)** *(08 53 13 00-0381)*		
08 53 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	274.60	64.37
		For Colored Vinyl, Add	*14.68*	
		For Tinted Glass, Add	*17.62*	
		For Low-E Insulated Glass, Add	*36.71*	
		For Obscure Glass, Add	*40.38*	
08 53 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	300.13	70.22
		For Colored Vinyl, Add	*16.07*	
		For Tinted Glass, Add	*19.28*	
		For Low-E Insulated Glass, Add	*40.17*	
		For Obscure Glass, Add	*44.18*	
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	312.90	72.66
		For Colored Vinyl, Add	*16.76*	
		For Tinted Glass, Add	*20.11*	
		For Low-E Insulated Glass, Add	*41.90*	
		For Obscure Glass, Add	*46.09*	
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	325.68	75.58
		For Colored Vinyl, Add	*17.45*	
		For Tinted Glass, Add	*20.94*	
		For Low-E Insulated Glass, Add	*43.63*	
		For Obscure Glass, Add	*47.99*	
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	334.19	78.02
		For Colored Vinyl, Add	*17.91*	
		For Tinted Glass, Add	*21.49*	
		For Low-E Insulated Glass, Add	*44.78*	
		For Obscure Glass, Add	*49.26*	
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	351.20	81.43
		For Colored Vinyl, Add	*18.83*	
		For Tinted Glass, Add	*22.60*	
		For Low-E Insulated Glass, Add	*47.08*	
		For Obscure Glass, Add	*51.79*	
08 53 13 00-0452		**60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)** *(08 53 13 00-0381)*		
08 53 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	296.09	67.30
		For Colored Vinyl, Add	*16.25*	
		For Tinted Glass, Add	*19.50*	
		For Low-E Insulated Glass, Add	*40.62*	
		For Obscure Glass, Add	*44.68*	
08 53 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	315.03	73.15
		For Colored Vinyl, Add	*16.97*	
		For Tinted Glass, Add	*20.37*	
		For Low-E Insulated Glass, Add	*42.43*	
		For Obscure Glass, Add	*46.67*	
08 53 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	328.17	75.58
		For Colored Vinyl, Add	*17.70*	
		For Tinted Glass, Add	*21.24*	
		For Low-E Insulated Glass, Add	*44.25*	
		For Obscure Glass, Add	*48.68*	
08 53 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	341.29	78.51
		For Colored Vinyl, Add	*18.43*	
		For Tinted Glass, Add	*22.11*	
		For Low-E Insulated Glass, Add	*46.07*	
		For Obscure Glass, Add	*50.67*	
08 53 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	350.05	80.94
		For Colored Vinyl, Add	*18.91*	
		For Tinted Glass, Add	*22.70*	
		For Low-E Insulated Glass, Add	*47.28*	
		For Obscure Glass, Add	*52.01*	
08 53 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	367.54	84.36
		For Colored Vinyl, Add	*19.88*	
		For Tinted Glass, Add	*23.86*	
		For Low-E Insulated Glass, Add	*49.71*	
		For Obscure Glass, Add	*54.68*	
08 53 13 00-0459		**Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700)** *(08 53 13 00-0380)* Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	289.30	51.20
		For Colored Vinyl, Add	*18.69*	
		For Tinted Glass, Add	*22.43*	
		For Low-E Insulated Glass, Add	*46.73*	
		For Obscure Glass, Add	*51.40*	
08 53 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	317.79	56.08
		For Colored Vinyl, Add	*20.56*	
		For Tinted Glass, Add	*24.68*	
		For Low-E Insulated Glass, Add	*51.41*	
		For Obscure Glass, Add	*56.55*	
08 53 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	344.65	60.95
		For Colored Vinyl, Add	*22.27*	
		For Tinted Glass, Add	*26.73*	
		For Low-E Insulated Glass, Add	*55.69*	
		For Obscure Glass, Add	*61.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	365.22	65.83
		For Colored Vinyl, Add	*23.36*	
		For Tinted Glass, Add	*28.03*	
		For Low-E Insulated Glass, Add	*58.39*	
		For Obscure Glass, Add	*64.23*	
08 53 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	386.70	70.71
		For Colored Vinyl, Add	*24.53*	
		For Tinted Glass, Add	*29.43*	
		For Low-E Insulated Glass, Add	*61.32*	
		For Obscure Glass, Add	*67.45*	
08 53 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	418.76	75.58
		For Colored Vinyl, Add	*26.76*	
		For Tinted Glass, Add	*32.11*	
		For Low-E Insulated Glass, Add	*66.90*	
		For Obscure Glass, Add	*73.59*	
08 53 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	3.50	0.63
		For Colored Vinyl, Add	*0.22*	
		For Tinted Glass, Add	*0.27*	
		For Low-E Insulated Glass, Add	*0.56*	
		For Obscure Glass, Add	*0.61*	

08 53 13 00-0467 Basement Vinyl Windows *(08 53 13)*

08 53 13 00-0468 New Construction, Basement Vinyl Windows (Silver Line 5900) *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0469	EA	32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900)	177.13	39.01
		For Colored Vinyl, Add	*9.91*	
		For Tinted Glass, Add	*11.89*	
		For Low-E Insulated Glass, Add	*24.78*	
		For Obscure Glass, Add	*27.26*	
08 53 13 00-0470	EA	32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900)	188.69	39.01
		For Colored Vinyl, Add	*11.07*	
		For Tinted Glass, Add	*13.28*	
		For Low-E Insulated Glass, Add	*27.67*	
		For Obscure Glass, Add	*30.43*	
08 53 13 00-0471	EA	32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900)	195.30	39.01
		For Colored Vinyl, Add	*11.73*	
		For Tinted Glass, Add	*14.07*	
		For Low-E Insulated Glass, Add	*29.32*	
		For Obscure Glass, Add	*32.25*	

08 53 13 00-0472 Replacement, Basement Vinyl Windows *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0473	EA	Up To 47" UI, Replacement, Basement Vinyl Window	216.47	38.04
		For Colored Vinyl, Add	*14.04*	
		For Tinted Glass, Add	*16.85*	
		For Low-E Insulated Glass, Add	*35.10*	
		For Obscure Glass, Add	*38.61*	
08 53 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Vinyl Window	242.21	43.89
		For Colored Vinyl, Add	*15.44*	
		For Tinted Glass, Add	*18.53*	
		For Low-E Insulated Glass, Add	*38.61*	
		For Obscure Glass, Add	*42.47*	
08 53 13 00-0475	UI	>55" UI, Replacement, Basement Vinyl Window	4.08	0.63
		For Colored Vinyl, Add	*0.28*	
		For Tinted Glass, Add	*0.34*	
		For Low-E Insulated Glass, Add	*0.70*	
		For Obscure Glass, Add	*0.77*	

08 53 13 00-0476 Accessories For Vinyl Windows *(08 53 13)*

08 53 13 00-0477 Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0476)*

08 53 13 00-0478 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0479	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	23.12
08 53 13 00-0480	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	29.73
08 53 13 00-0481	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	38.29
08 53 13 00-0482	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	45.20
08 53 13 00-0483	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	55.56

08 53 13 00-0484 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0485	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	52.56
08 53 13 00-0486	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	63.07
08 53 13 00-0487	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	79.58
08 53 13 00-0488	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	99.11
08 53 13 00-0489	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	118.63

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 66 Vinyl Window Screens *(08 53)*

08 53 66 00-0001 Insect Screens For Vinyl Windows *(08 53 66)*

08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	29.18	7.08
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	38.19	7.08
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	41.19	7.08
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	47.20	7.08
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	60.71	7.08
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	66.72	7.08
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	75.73	7.08
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	81.73	7.08
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	2.45	0.14

08 56 Special Function Windows *(08 50)*

08 56 19 Pass Windows *(08 56)*

08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame *(08 56 19)*
Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)

08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	2,889.49	543.85
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*45.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*295.00*	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	3,159.63	589.17
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*60.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*370.00*	
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	3,332.83	634.50
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*70.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*445.00*	
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,145.40	725.13
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*100.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*650.00*	
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,669.19	1,087.70
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*150.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*975.00*	

08 56 49 Radiation Shielding Windows *(08 56)*

08 56 49 00-0001 Lead Lined Window Frames *(08 56 49)*

08 56 49 00-0002	LF	1/16" Lead Lined, 16 Gauge Telescoping Window Frame	32.78	7.31
08 56 49 00-0003	LF	1/8" Lead Lined, 16 Gauge Telescoping Window Frame	36.61	7.31

08 56 56 Security Window Screens *(08 56)*

Note: All security window screens include frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001 Wire Mesh Security Screen *(08 56 56)*

08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	13.82	4.07
		For Painted Steel, Add	*0.84*	
		For Galvanized Steel, Add	*1.68*	
		For Aluminum, Add	*3.35*	
		For Stainless Steel, Add	*14.67*	
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	14.06	4.07
		For Painted Steel, Add	*0.86*	
		For Galvanized Steel, Add	*1.72*	
		For Aluminum, Add	*3.45*	
		For Stainless Steel, Add	*15.09*	
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	15.16	4.07
		For Painted Steel, Add	*0.97*	
		For Galvanized Steel, Add	*1.94*	
		For Aluminum, Add	*3.89*	
		For Stainless Steel, Add	*17.01*	
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	17.53	4.07
		For Painted Steel, Add	*1.21*	
		For Galvanized Steel, Add	*2.42*	
		For Aluminum, Add	*4.84*	
		For Stainless Steel, Add	*21.16*	

08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	19.18	4.98
		For Painted Steel, Add	*1.19*	
		For Galvanized Steel, Add	*2.39*	
		For Aluminum, Add	*4.77*	
		For Stainless Steel, Add	*20.88*	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	19.55	4.98
		For Painted Steel, Add	*1.23*	
		For Galvanized Steel, Add	*2.46*	
		For Aluminum, Add	*4.92*	
		For Stainless Steel, Add	*21.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	21.13	4.98
		For Painted Steel, Add	*1.39*	
		For Galvanized Steel, Add	*2.78*	
		For Aluminum, Add	*5.55*	
		For Stainless Steel, Add	*24.29*	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	24.45	4.98
		For Painted Steel, Add	*1.72*	
		For Galvanized Steel, Add	*3.44*	
		For Aluminum, Add	*6.88*	
		For Stainless Steel, Add	*30.10*	

08 56 56 00-0012 Wire Cloth Security Screen *(08 56 56)*

Note: Wire cloth has from 10 to 12 strands per 1".

08 56 56 00-0013 Wire Cloth, Inoperable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0014	SF	24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	9.53	2.72
		For Painted Steel, Add	*0.25*	
		For Galvanized Steel, Add	*0.75*	
		For Aluminum, Add	*1.50*	
		For Stainless Steel, Add	*6.25*	
08 56 56 00-0015	SF	22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	9.86	2.72
		For Painted Steel, Add	*0.27*	
		For Galvanized Steel, Add	*0.80*	
		For Aluminum, Add	*1.60*	
		For Stainless Steel, Add	*6.66*	
08 56 56 00-0016	SF	20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	10.39	2.72
		For Painted Steel, Add	*0.29*	
		For Galvanized Steel, Add	*0.88*	
		For Aluminum, Add	*1.76*	
		For Stainless Steel, Add	*7.33*	
08 56 56 00-0017	SF	18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	11.40	2.72
		For Painted Steel, Add	*0.34*	
		For Galvanized Steel, Add	*1.03*	
		For Aluminum, Add	*2.06*	
		For Stainless Steel, Add	*8.59*	

08 56 56 00-0018 Wire Cloth, Operable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0019	SF	24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	12.56	3.62
		For Painted Steel, Add	*0.36*	
		For Galvanized Steel, Add	*1.07*	
		For Aluminum, Add	*2.14*	
		For Stainless Steel, Add	*8.90*	
08 56 56 00-0020	SF	22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	13.08	3.62
		For Painted Steel, Add	*0.38*	
		For Galvanized Steel, Add	*1.15*	
		For Aluminum, Add	*2.29*	
		For Stainless Steel, Add	*9.55*	
08 56 56 00-0021	SF	20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	13.80	3.62
		For Painted Steel, Add	*0.42*	
		For Galvanized Steel, Add	*1.25*	
		For Aluminum, Add	*2.51*	
		For Stainless Steel, Add	*10.45*	
08 56 56 00-0022	SF	18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	15.24	3.62
		For Painted Steel, Add	*0.49*	
		For Galvanized Steel, Add	*1.47*	
		For Aluminum, Add	*2.94*	
		For Stainless Steel, Add	*12.25*	

08 56 56 00-0023 Expanded Metal Security Screen *(08 56 56)*

Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.

08 56 56 00-0024 Expanded Metal, Inoperable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0025	SF	1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	17.91	6.80
		For Painted Steel, Add	*0.49*	
		For Galvanized Steel, Add	*1.46*	
		For Aluminum, Add	*2.93*	
		For Stainless Steel, Add	*12.19*	
08 56 56 00-0026	SF	1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	21.12	8.16
		For Painted Steel, Add	*0.56*	
		For Galvanized Steel, Add	*1.67*	
		For Aluminum, Add	*3.35*	
		For Stainless Steel, Add	*13.94*	
08 56 56 00-0027	SF	3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	23.93	9.97
		For Painted Steel, Add	*0.61*	
		For Galvanized Steel, Add	*1.82*	
		For Aluminum, Add	*3.65*	
		For Stainless Steel, Add	*15.19*	
08 56 56 00-0028	SF	3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	28.38	11.78
		For Painted Steel, Add	*0.69*	
		For Galvanized Steel, Add	*2.08*	
		For Aluminum, Add	*4.16*	
		For Stainless Steel, Add	*17.35*	
08 56 56 00-0029	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	26.46	11.33
		For Painted Steel, Add	*0.64*	
		For Galvanized Steel, Add	*1.93*	
		For Aluminum, Add	*3.86*	
		For Stainless Steel, Add	*16.09*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0030		SF	3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen	33.42	14.50
			For Painted Steel, Add	*0.81*	
			For Galvanized Steel, Add	*2.43*	
			For Aluminum, Add	*4.86*	
			For Stainless Steel, Add	*20.24*	

08 56 56 00-0031 Expanded Metal, Operable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0032		SF	1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen	23.85	8.16
			For Painted Steel, Add	*0.69*	
			For Galvanized Steel, Add	*2.08*	
			For Aluminum, Add	*4.16*	
			For Stainless Steel, Add	*17.35*	
08 56 56 00-0033		SF	1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	27.68	9.97
			For Painted Steel, Add	*0.80*	
			For Galvanized Steel, Add	*2.39*	
			For Aluminum, Add	*4.77*	
			For Stainless Steel, Add	*19.88*	
08 56 56 00-0034		SF	3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	30.93	11.33
			For Painted Steel, Add	*0.87*	
			For Galvanized Steel, Add	*2.60*	
			For Aluminum, Add	*5.20*	
			For Stainless Steel, Add	*21.68*	
08 56 56 00-0035		SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	33.75	12.69
			For Painted Steel, Add	*0.92*	
			For Galvanized Steel, Add	*2.75*	
			For Aluminum, Add	*5.51*	
			For Stainless Steel, Add	*22.94*	
08 56 56 00-0036		SF	3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen	37.01	14.50
			For Painted Steel, Add	*0.99*	
			For Galvanized Steel, Add	*2.97*	
			For Aluminum, Add	*5.93*	
			For Stainless Steel, Add	*24.73*	
08 56 56 00-0037		SF	3 LB/SF Expanded Metal, Operable, Steel Security Window Screen	42.10	15.86
			For Painted Steel, Add	*1.15*	
			For Galvanized Steel, Add	*3.46*	
			For Aluminum, Add	*6.92*	
			For Stainless Steel, Add	*28.83*	

08 56 56 00-0038 Perforated Metal Security Screen *(08 56 56)*

08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen *(08 56 56 00-0038)*

08 56 56 00-0040		SF	22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	15.14	4.07
			For Painted Steel, Add	*0.49*	
			For Galvanized Steel, Add	*1.46*	
			For Aluminum, Add	*2.91*	
			For Stainless Steel, Add	*9.70*	
08 56 56 00-0041		SF	20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	15.53	4.07
			For Painted Steel, Add	*0.50*	
			For Galvanized Steel, Add	*1.51*	
			For Aluminum, Add	*3.03*	
			For Stainless Steel, Add	*10.09*	
08 56 56 00-0042		SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	16.83	4.07
			For Painted Steel, Add	*0.57*	
			For Galvanized Steel, Add	*1.71*	
			For Aluminum, Add	*3.42*	
			For Stainless Steel, Add	*11.39*	
08 56 56 00-0043		SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	19.28	4.07
			For Painted Steel, Add	*0.69*	
			For Galvanized Steel, Add	*2.08*	
			For Aluminum, Add	*4.15*	
			For Stainless Steel, Add	*13.84*	

08 56 56 00-0044 Perforated Metal, Operable, Steel Security Window Screen *(08 56 56 00-0038)*

08 56 56 00-0045		SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	21.04	4.98
			For Painted Steel, Add	*0.69*	
			For Galvanized Steel, Add	*2.07*	
			For Aluminum, Add	*4.14*	
			For Stainless Steel, Add	*13.79*	
08 56 56 00-0046		SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	21.71	4.98
			For Painted Steel, Add	*0.72*	
			For Galvanized Steel, Add	*2.17*	
			For Aluminum, Add	*4.34*	
			For Stainless Steel, Add	*14.46*	
08 56 56 00-0047		SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	23.39	4.98
			For Painted Steel, Add	*0.81*	
			For Galvanized Steel, Add	*2.42*	
			For Aluminum, Add	*4.84*	
			For Stainless Steel, Add	*16.14*	
08 56 56 00-0048		SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	26.90	4.98
			For Painted Steel, Add	*0.98*	
			For Galvanized Steel, Add	*2.95*	
			For Aluminum, Add	*5.90*	
			For Stainless Steel, Add	*19.65*	

08 56 56 00-0049 Remove And Reinstall Security Screens And Guards *(08 56 56)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0050	SF	Removal And Reinstallation Of Security Screens	11.38	

08 60 Roof Windows And Skylights *(08)*

Note: Includes hardware, caulk, sealant and necessary anchors.

08 62 Unit Skylights *(08 60)*

08 62 23 Tubular Skylights *(08 62)*

08 62 23 00-0001 Aluminum Framed Solar Tube Skylights *(08 62 23)*

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

08 62 23 00-0002 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	850.82	161.94
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*594.79*	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	895.61	165.99
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*595.60*	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	939.15	170.04
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*596.41*	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	999.83	174.09
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*597.22*	
08 62 23 00-0007	EA	6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,053.15	178.14
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*598.03*	
08 62 23 00-0008	EA	7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,096.72	182.19
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*598.84*	
08 62 23 00-0009	EA	8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,140.26	186.24
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*599.65*	
08 62 23 00-0010	EA	9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,210.72	190.28
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*600.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0011	EA	10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,254.26	194.33
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*601.27*	
08 62 23 00-0012	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,299.05	198.38
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*602.08*	
08 62 23 00-0013	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,342.59	202.43
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*602.89*	
08 62 23 00-0014	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,413.05	206.48
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*603.70*	
08 62 23 00-0015	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,456.59	210.53
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*604.51*	
08 62 23 00-0016	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,500.15	214.58
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*605.32*	
08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,543.70	218.62
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*606.13*	

08 62 23 00-0018 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0019	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,015.87	161.94
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*594.79*	
08 62 23 00-0020	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,076.55	165.99
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*595.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0021	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,137.22	170.04
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*596.41*	
08 62 23 00-0022	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,197.89	174.09
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*597.22*	
08 62 23 00-0023	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,295.23	178.14
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*598.03*	
08 62 23 00-0024	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,355.91	182.19
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*598.84*	
08 62 23 00-0025	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,416.57	186.24
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*599.65*	
08 62 23 00-0026	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,513.92	190.28
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*600.46*	
08 62 23 00-0027	EA	10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,574.58	194.33
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*601.27*	
08 62 23 00-0028	EA	11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,635.26	198.38
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*602.08*	
08 62 23 00-0029	EA	12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,695.93	202.43
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*602.89*	
08 62 23 00-0030	EA	13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,793.28	206.48
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*603.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0031	EA	14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,853.94	210.53
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*604.51*	
08 62 23 00-0032	EA	15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,914.61	214.58
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*605.32*	
08 62 23 00-0033	EA	16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,975.28	218.62
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*606.13*	

08 62 23 00-0034 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0035	EA	2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,341.24	182.19
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*598.84*	
08 62 23 00-0036	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,425.13	186.24
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*599.65*	
08 62 23 00-0037	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,510.25	190.28
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*600.46*	
08 62 23 00-0038	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,594.14	194.33
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*601.27*	
08 62 23 00-0039	EA	6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,726.96	198.38
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*602.08*	
08 62 23 00-0040	EA	7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,810.85	202.43
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*602.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0041	EA	8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,894.75	206.48
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*603.70*	
08 62 23 00-0042	EA	9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,028.77	210.53
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*604.51*	
08 62 23 00-0043	EA	10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,112.67	214.58
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*605.32*	
08 62 23 00-0044	EA	11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,196.57	218.62
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*606.13*	
08 62 23 00-0045	EA	12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,280.46	222.67
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*606.93*	
08 62 23 00-0046	EA	13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,413.27	226.72
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*607.74*	
08 62 23 00-0047	EA	14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,497.17	230.77
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*608.55*	
08 62 23 00-0048	EA	15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,582.29	234.81
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*609.36*	
08 62 23 00-0049	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,666.18	238.87
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*610.17*	

08 63 Metal-Framed Skylights *(08 60)*

08 63 13 Domed Metal-Framed Skylights *(08 63)*

08 63 13 00-0001 Aluminum Framed Skylights *(08 63 13)*

08 63 13 00-0002 Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0004		Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	309.70	80.98
08 63 13 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	351.75	80.98
08 63 13 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	471.70	91.09
08 63 13 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	532.79	101.21
08 63 13 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	373.37	80.98
08 63 13 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	456.09	91.09
08 63 13 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	482.51	91.09
08 63 13 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	554.41	101.21
08 63 13 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	644.33	111.34
08 63 13 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	460.89	91.09
08 63 13 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	509.96	101.21
08 63 13 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	560.42	101.21
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	616.70	111.34
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	682.60	121.46
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	766.50	131.58
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	546.00	101.21
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	601.08	111.34
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	683.80	121.46
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	715.03	121.46
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	822.97	131.58
08 63 13 00-0025		Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	369.76	80.98
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	410.61	80.98
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	518.55	91.09
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	580.84	101.21
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	416.62	80.98
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	489.72	91.09
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	518.55	91.09
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	595.26	101.21
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	668.35	111.34
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	494.53	91.09
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	548.40	101.21
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	580.84	101.21
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	639.52	111.34
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	694.61	121.46
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	779.72	131.58
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	585.64	101.21
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	644.33	111.34
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	709.02	121.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	742.66	121.46
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	840.99	131.58

08 63 13 00-0046 High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	374.57	80.98
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	420.22	80.98
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	531.77	91.09
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	428.63	80.98
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	506.54	91.09
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	531.77	91.09
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	609.67	101.21
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	505.34	91.09
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	558.01	101.21
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	596.46	101.21
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	655.14	111.34
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	713.83	121.46
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	600.06	101.21
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	663.55	111.34
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	728.25	121.46
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	761.88	121.46

08 63 13 00-0063 FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	382.98	80.98
08 63 13 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	433.43	80.98
08 63 13 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	543.78	91.09
08 63 13 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	624.09	101.21
08 63 13 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	440.64	80.98
08 63 13 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	517.35	91.09
08 63 13 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	543.78	91.09
08 63 13 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	627.69	101.21
08 63 13 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	518.55	91.09
08 63 13 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	571.23	101.21
08 63 13 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	613.27	101.21
08 63 13 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	673.16	111.34
08 63 13 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	733.05	121.46
08 63 13 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	618.08	101.21
08 63 13 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	681.57	111.34
08 63 13 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	747.47	121.46
08 63 13 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	783.50	121.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0081		Curb Top Inserts *(08 63 13 00-0003)* Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.		
08 63 13 00-0082		Single Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	124.99	40.48
08 63 13 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	170.56	45.55
08 63 13 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	282.84	60.73
08 63 13 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	261.72	55.67
08 63 13 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	317.08	60.73
08 63 13 00-0088		Double Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	175.12	40.48
08 63 13 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	267.14	45.55
08 63 13 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	457.68	60.73
08 63 13 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	447.56	55.67
08 63 13 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	559.15	60.73
08 63 13 00-0094		Triple Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*		
08 63 13 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	224.02	40.48
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	358.84	45.55
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	672.85	60.73
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	621.16	55.67
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	784.11	60.73
08 63 13 00-0100		Pyramid Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*		
08 63 13 00-0101		Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	288.08	80.98
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	339.73	80.98
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	427.26	91.09
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	532.79	101.21
08 63 13 00-0106		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	381.78	80.98
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	435.84	80.98
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	514.95	91.09
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	613.27	101.21
08 63 13 00-0111		Double Hip Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*		
08 63 13 00-0112		Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)* Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	332.52	80.98
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	435.66	91.09
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	513.57	101.21
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	410.44	91.09
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	435.66	91.09
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	527.98	101.21
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	619.10	111.34
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	477.53	101.21
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	513.57	101.21
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	573.45	111.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	629.74	121.46
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	740.08	131.58
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	587.87	111.34
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	665.78	121.46
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	703.02	121.46
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	809.75	131.58

08 63 13 00-0129 Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	373.37	80.98
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	416.62	80.98
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	524.56	91.09
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	425.02	80.98
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	476.51	91.09
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	499.33	91.09
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	524.56	91.09
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	603.66	101.21
08 63 13 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	500.53	91.09
08 63 13 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	553.21	101.21
08 63 13 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	589.25	101.21
08 63 13 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	646.73	111.34
08 63 13 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	704.22	121.46
08 63 13 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	591.65	101.21
08 63 13 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	655.14	111.34
08 63 13 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	718.63	121.46
08 63 13 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	751.07	121.46

08 63 13 00-0147 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 13 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	413.01	80.98
08 63 13 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	540.18	91.09
08 63 13 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	512.55	91.09
08 63 13 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	540.18	91.09
08 63 13 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	622.89	101.21
08 63 13 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	567.63	101.21
08 63 13 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	607.27	101.21
08 63 13 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	668.35	111.34
08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	723.44	121.46
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	676.76	111.34
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	742.66	121.46
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	777.50	121.46

08 63 13 00-0160 Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0161		Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0160)* Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.		
08 63 13 00-0162		Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0163		10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,646.04	121.46
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,536.72	121.46
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,726.53	121.46
08 63 13 00-0167		25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,125.36	121.46
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,020.84	121.46
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,234.68	121.46
08 63 13 00-0171		30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,263.51	121.46
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,156.59	121.46
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,370.42	121.46
08 63 13 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0176		10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,653.25	121.46
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,543.93	121.46
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,737.34	121.46
08 63 13 00-0180		25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,134.97	121.46
08 63 13 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,028.05	121.46
08 63 13 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,246.69	121.46
08 63 13 00-0184		30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,270.71	121.46
08 63 13 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,163.80	121.46
08 63 13 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,382.44	121.46

08 66 Wood-Framed Skylights *(08 60)*

08 66 00 00-0001		Wood-Framed Skylights (Andersen 400 Series) *(08 66)*		
08 66 00 00-0002	EA	16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	500.91	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*64.28*	
		For Aluminum Shingle Flashing, Add	*51.42*	
08 66 00 00-0003	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	511.41	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*66.90*	
		For Aluminum Shingle Flashing, Add	*53.52*	
08 66 00 00-0004	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series)	486.48	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*60.67*	
		For Aluminum Shingle Flashing, Add	*48.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0005	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	519.28	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*68.87*	
		For Aluminum Shingle Flashing, Add	*55.09*	
08 66 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	546.83	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*75.76*	
		For Aluminum Shingle Flashing, Add	*60.60*	
08 66 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	591.43	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*86.91*	
		For Aluminum Shingle Flashing, Add	*69.52*	
08 66 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	647.83	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*101.01*	
		For Aluminum Shingle Flashing, Add	*80.80*	
08 66 00 00-0009	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	486.48	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*60.67*	
		For Aluminum Shingle Flashing, Add	*48.53*	
08 66 00 00-0010	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	553.38	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*77.39*	
		For Aluminum Shingle Flashing, Add	*61.91*	
08 66 00 00-0011	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	591.43	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*86.91*	
		For Aluminum Shingle Flashing, Add	*69.52*	
08 66 00 00-0012	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	634.71	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*97.73*	
		For Aluminum Shingle Flashing, Add	*78.18*	
08 66 00 00-0013	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	692.43	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*112.16*	
		For Aluminum Shingle Flashing, Add	*89.72*	
08 66 00 00-0014	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	500.91	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*64.28*	
		For Aluminum Shingle Flashing, Add	*51.42*	
08 66 00 00-0015	EA	38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	519.28	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*68.87*	
		For Aluminum Shingle Flashing, Add	*55.09*	
08 66 00 00-0016	EA	38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	553.38	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*77.39*	
		For Aluminum Shingle Flashing, Add	*61.91*	
08 66 00 00-0017	EA	44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	674.07	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*107.57*	
		For Aluminum Shingle Flashing, Add	*86.05*	
08 66 00 00-0018	EA	46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	511.41	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*66.90*	
		For Aluminum Shingle Flashing, Add	*53.52*	
08 66 00 00-0019	EA	46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	546.83	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*75.76*	
		For Aluminum Shingle Flashing, Add	*60.60*	
08 66 00 00-0020	EA	46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	591.43	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*86.91*	
		For Aluminum Shingle Flashing, Add	*69.52*	
08 66 00 00-0021	EA	46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)	674.07	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*107.57*	
		For Aluminum Shingle Flashing, Add	*86.05*	
08 66 00 00-0022	EA	57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	591.43	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*86.91*	
		For Aluminum Shingle Flashing, Add	*69.52*	
08 66 00 00-0023	EA	57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	634.71	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*97.73*	
		For Aluminum Shingle Flashing, Add	*78.18*	
08 66 00 00-0024	EA	72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	647.83	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*101.01*	
		For Aluminum Shingle Flashing, Add	*80.80*	
08 66 00 00-0025	EA	72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	692.43	121.91
		For Tempered Laminated Low-E Insulated Glass, Add	*112.16*	
		For Aluminum Shingle Flashing, Add	*89.72*	

08 70 Hardware *(08)*

08 71 Door Hardware *(08 70)*

08 71 11 Door Hardware *(08 71)*

Note: All hardware is Yale ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0041 for removal and reinstallation of exisiting door where required for modifications.

08 71 11 00-0001 Hinges *(08 71 11)*

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.

08 71 11 00-0002 Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0001)*

Note: US26D (BHMA 626) satin chrome finish.

08 71 11 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	69.86	6.83
		For Clear Coated Bright Brass, Add	*4.73*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	76.58	9.75
		For Clear Coated Bright Brass, Add	*5.26*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	87.14	10.73
		For Clear Coated Bright Brass, Add	*4.40*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0007 Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0008	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	80.10	6.83
		For Clear Coated Bright Brass, Add	*6.06*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0009	PR	4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	92.07	9.75
		For Clear Coated Bright Brass, Add	*6.06*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	93.99	10.73
		For Clear Coated Bright Brass, Add	*5.36*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0011	PR	5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	109.79	12.68
		For Clear Coated Bright Brass, Add	*6.27*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0012	PR	5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	110.47	12.68
		For Clear Coated Bright Brass, Add	*6.36*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0013	PR	6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	118.26	16.29
		For Clear Coated Bright Brass, Add	*7.46*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0014 Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	90.55	6.83
08 71 11 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	102.51	9.75
08 71 11 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	105.34	10.73
08 71 11 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	122.32	12.68

08 71 11 00-0019 Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	116.76	10.73
		For Clear Coated Bright Brass, Add	*8.55*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	132.75	12.68
		For Clear Coated Bright Brass, Add	*9.48*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	147.09	12.68
		For Clear Coated Bright Brass, Add	*11.49*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0023 Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into mortised edge of the door and surface applied to the face of the frame.

08 71 11 00-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	119.59	10.73
		For Clear Coated Bright Brass, Add	*8.94*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0025	PR	5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	140.82	12.68
		For Clear Coated Bright Brass, Add	*10.61*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0026 Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0027	PR	4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	116.16	10.73
		For Clear Coated Bright Brass, Add	*8.46*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0028	PR	5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	134.31	16.29
		For Clear Coated Bright Brass, Add	*9.70*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0029	PR	6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	158.95	16.29
		For Clear Coated Bright Brass, Add	*13.15*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0030 Mortised, Wrought Steel Hinges *(08 71 11 00-0001)*

Note: Clear coated, US 26D satin chrome finish (BHMA 652).

08 71 11 00-0031 Full Mortise, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0032	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	45.62	6.83
		For Primed For Paint Finish, Deduct	*-1.76*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.10*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.06*	
		For Stainless Steel, Add	*4.85*	
		For Heavy Duty, Add	*1.32*	
		For Extra Heavy Duty, Add	*3.53*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0033	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	58.50	9.75
		For Primed For Paint Finish, Deduct	*-1.95*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.22*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.17*	
		For Stainless Steel, Add	*5.35*	
		For Heavy Duty, Add	*1.46*	
		For Extra Heavy Duty, Add	*3.89*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0034	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	67.58	10.73
		For Primed For Paint Finish, Deduct	*-2.37*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.48*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.42*	
		For Stainless Steel, Add	*6.52*	
		For Heavy Duty, Add	*1.78*	
		For Extra Heavy Duty, Add	*4.74*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0035 Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0036	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	68.95	6.83
		For Primed For Paint Finish, Deduct	*-6.43*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*4.02*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-3.86*	
		For Stainless Steel, Add	*17.68*	
		For Heavy Duty, Add	*4.82*	
		For Extra Heavy Duty, Add	*12.86*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0037	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	85.17	9.75
		For Primed For Paint Finish, Deduct	*-7.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*4.55*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.37*	
		For Stainless Steel, Add	*20.02*	
		For Heavy Duty, Add	*5.46*	
		For Extra Heavy Duty, Add	*14.56*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0038	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	104.72	10.73
		For Primed For Paint Finish, Deduct	*-9.80*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*6.13*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-5.88*	
		For Stainless Steel, Add	*26.95*	
		For Heavy Duty, Add	*7.35*	
		For Extra Heavy Duty, Add	*19.60*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0039	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	118.23	12.68
		For Primed For Paint Finish, Deduct	*-10.64*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*6.65*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.39*	
		For Stainless Steel, Add	*29.27*	
		For Heavy Duty, Add	*7.98*	
		For Extra Heavy Duty, Add	*21.29*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0040	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	125.74	12.68
		For Primed For Paint Finish, Deduct	*-12.15*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.59*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.29*	
		For Stainless Steel, Add	*33.40*	
		For Heavy Duty, Add	*9.11*	
		For Extra Heavy Duty, Add	*24.29*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0041	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	148.65	12.68
		For Primed For Paint Finish, Deduct	*-16.73*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.46*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-10.04*	
		For Stainless Steel, Add	*46.00*	
		For Heavy Duty, Add	*12.55*	
		For Extra Heavy Duty, Add	*33.46*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0042 Half Surface, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0043	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	82.42	6.83
		For Primed For Paint Finish, Deduct	*-9.12*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*5.70*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-5.47*	
		For Stainless Steel, Add	*25.09*	
		For Heavy Duty, Add	*6.84*	
		For Extra Heavy Duty, Add	*18.25*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0044	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	100.47	9.75
		For Primed For Paint Finish, Deduct	*-10.34*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*6.46*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.20*	
		For Stainless Steel, Add	*28.44*	
		For Heavy Duty, Add	*7.76*	
		For Extra Heavy Duty, Add	*20.68*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0045	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	113.50	10.73
		For Primed For Paint Finish, Deduct	*-11.56*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.22*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.93*	
		For Stainless Steel, Add	*31.78*	
		For Heavy Duty, Add	*8.67*	
		For Extra Heavy Duty, Add	*23.11*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0046	PR	5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	128.88	12.68
		For Primed For Paint Finish, Deduct	*-12.77*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.98*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.66*	
		For Stainless Steel, Add	*35.13*	
		For Heavy Duty, Add	*9.58*	
		For Extra Heavy Duty, Add	*25.55*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0047 Half Surface, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0048	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	114.16	10.73
		For Primed For Paint Finish, Deduct	*-13.08*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.17*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.85*	
		For Stainless Steel, Add	*35.96*	
		For Heavy Duty, Add	*9.81*	
		For Extra Heavy Duty, Add	*26.16*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0049	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	128.07	10.73
		For Primed For Paint Finish, Deduct	*-14.47*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*9.04*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.68*	
		For Stainless Steel, Add	*39.79*	
		For Heavy Duty, Add	*10.85*	
		For Extra Heavy Duty, Add	*28.94*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0050	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	148.65	12.68
		For Primed For Paint Finish, Deduct	*-16.73*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.46*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-10.04*	
		For Stainless Steel, Add	*46.00*	
		For Heavy Duty, Add	*12.55*	
		For Extra Heavy Duty, Add	*33.46*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0051 Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Both leaves slide into a cavity prepared in the door and door frame.

08 71 11 00-0052	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge	106.31	10.73
		For Primed For Paint Finish, Deduct	*-10.12*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*6.32*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-6.07*	
		For Stainless Steel, Add	*27.82*	
		For Heavy Duty, Add	*7.59*	
		For Extra Heavy Duty, Add	*20.24*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0053 Blank Butt Hinges *(08 71 11 00-0030)*

08 71 11 00-0054	PR	3.5" x 3.5" To 5" x 5", Blank Butt With Screws, Steel Hinge	23.88	4.38
		For Primed For Paint Finish, Deduct	*-1.29*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*0.81*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-0.77*	
		For Stainless Steel, Add	*3.54*	
		For Heavy Duty, Add	*0.97*	
		For Extra Heavy Duty, Add	*2.58*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0055 Full Mortise, Single Acting Spring, Wrought Steel Hinges *(08 71 11 00-0030)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0056	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	85.12	6.83
		For Primed For Paint Finish, Deduct	*-9.66*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*6.04*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-5.80*	
		For Stainless Steel, Add	*26.58*	
08 71 11 00-0057	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge	111.98	9.75
		For Primed For Paint Finish, Deduct	*-12.64*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*7.90*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.59*	
		For Stainless Steel, Add	*34.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0058	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	148.70	10.73
		For Primed For Paint Finish, Deduct	*-18.60*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*11.62*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-11.16*	
		For Stainless Steel, Add	*51.14*	
08 71 11 00-0059		Offset And Pivot Hinges *(08 71 11 00-0001)*		
		Note: Satin chrome plated, US26D.		
08 71 11 00-0060		Offset Swing Clear Hinges *(08 71 11 00-0059)*		
		Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 11 00-0061	EA	4-1/2", Swing Clear, Offset Hinges	142.65	3.05
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*24.79*	
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	*39.93*	
08 71 11 00-0062		Offset Pivot Hinges *(08 71 11 00-0059)*		
08 71 11 00-0063		3/4" Offset Pivot Hinges *(08 71 11 00-0062)*		
08 71 11 00-0064		3/4" Offset Pivot Hinges *(08 71 11 00-0063)*		
08 71 11 00-0065		Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0066		200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0067	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	100.58	9.75
08 71 11 00-0068	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	133.75	9.75
08 71 11 00-0069	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	152.18	9.75
08 71 11 00-0070	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	152.18	9.75
08 71 11 00-0071	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	152.18	9.75
08 71 11 00-0072	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	152.18	9.75
08 71 11 00-0073	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	152.18	9.75
08 71 11 00-0074	EA	Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	110.16	9.75
08 71 11 00-0075	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	138.92	9.75
08 71 11 00-0076	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	158.07	9.75
08 71 11 00-0077	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	158.07	9.75
08 71 11 00-0078	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	158.07	9.75
08 71 11 00-0079	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	158.07	9.75
08 71 11 00-0080	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	158.07	9.75
08 71 11 00-0081	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	100.58	9.75
08 71 11 00-0082	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	133.75	9.75
08 71 11 00-0083	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	152.18	9.75
08 71 11 00-0084	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	152.18	9.75
08 71 11 00-0085	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	152.18	9.75
08 71 11 00-0086	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	152.18	9.75
08 71 11 00-0087	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	152.18	9.75
08 71 11 00-0088		500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0089	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	105.45	12.19
08 71 11 00-0090	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	138.62	12.19
08 71 11 00-0091	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	157.05	12.19
08 71 11 00-0092	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	157.05	12.19
08 71 11 00-0093	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	157.05	12.19
08 71 11 00-0094	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	157.05	12.19
08 71 11 00-0095	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	157.05	12.19
08 71 11 00-0096		600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0097	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	105.45	12.19
08 71 11 00-0098	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	138.62	12.19
08 71 11 00-0099	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	157.05	12.19
08 71 11 00-0100	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	157.05	12.19
08 71 11 00-0101	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	157.05	12.19
08 71 11 00-0102	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	157.05	12.19
08 71 11 00-0103	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	157.05	12.19
08 71 11 00-0104		700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0065)*		
08 71 11 00-0105	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	105.45	12.19
08 71 11 00-0106	EA	Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	138.62	12.19
08 71 11 00-0107	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	157.05	12.19
08 71 11 00-0108	EA	Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	157.05	12.19
08 71 11 00-0109	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	157.05	12.19
08 71 11 00-0110	EA	Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	157.05	12.19
08 71 11 00-0111	EA	Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	157.05	12.19
08 71 11 00-0112		Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0113		200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0114	EA	Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	124.16	9.75
08 71 11 00-0115	EA	Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	152.18	9.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0116	EA	Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	172.07	9.75
08 71 11 00-0117	EA	Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	172.07	9.75
08 71 11 00-0118	EA	Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	172.07	9.75
08 71 11 00-0119	EA	Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	172.07	9.75
08 71 11 00-0120	EA	Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	172.07	9.75
08 71 11 00-0121		500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0122	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	138.62	12.19
08 71 11 00-0123	EA	Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	147.46	12.19
08 71 11 00-0124	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	162.94	12.19
08 71 11 00-0125	EA	Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	162.94	12.19
08 71 11 00-0126	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	162.94	12.19
08 71 11 00-0127	EA	Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	162.94	12.19
08 71 11 00-0128	EA	Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	162.94	12.19
08 71 11 00-0129		600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0130	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	138.62	12.19
08 71 11 00-0131	EA	Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	147.46	12.19
08 71 11 00-0132	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	162.94	12.19
08 71 11 00-0133	EA	Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	162.94	12.19
08 71 11 00-0134	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	162.94	12.19
08 71 11 00-0135	EA	Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	162.94	12.19
08 71 11 00-0136	EA	Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	162.94	12.19
08 71 11 00-0137		700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0112)*		
08 71 11 00-0138	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	138.62	12.19
08 71 11 00-0139	EA	Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	147.46	12.19
08 71 11 00-0140	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	162.94	12.19
08 71 11 00-0141	EA	Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	162.94	12.19
08 71 11 00-0142	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	162.94	12.19
08 71 11 00-0143	EA	Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	162.94	12.19
08 71 11 00-0144	EA	Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	162.94	12.19
08 71 11 00-0145		Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0064)*		
08 71 11 00-0146		200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0147	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	110.16	9.75
08 71 11 00-0148	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	138.92	9.75
08 71 11 00-0149	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	158.07	9.75
08 71 11 00-0150	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	158.07	9.75
08 71 11 00-0151	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	158.07	9.75
08 71 11 00-0152	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	158.07	9.75
08 71 11 00-0153	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	158.07	9.75
08 71 11 00-0154	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	110.16	9.75
08 71 11 00-0155	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	138.92	9.75
08 71 11 00-0156	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	158.07	9.75
08 71 11 00-0157	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	158.07	9.75
08 71 11 00-0158	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	158.07	9.75
08 71 11 00-0159	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	158.07	9.75
08 71 11 00-0160	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	158.07	9.75
08 71 11 00-0161	EA	Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	96.16	9.75
08 71 11 00-0162	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	129.33	9.75
08 71 11 00-0163	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	148.49	9.75
08 71 11 00-0164	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	148.49	9.75
08 71 11 00-0165	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	148.49	9.75
08 71 11 00-0166	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	148.49	9.75
08 71 11 00-0167	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	148.49	9.75
08 71 11 00-0168		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0169	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	166.63	12.19
08 71 11 00-0170	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	176.94	12.19
08 71 11 00-0171	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	176.94	12.19
08 71 11 00-0172	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	176.94	12.19
08 71 11 00-0173	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	176.94	12.19
08 71 11 00-0174	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	176.94	12.19
08 71 11 00-0175	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	179.89	12.19
08 71 11 00-0176		600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0177	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	143.79	12.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0178	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	157.05	12.19
08 71 11 00-0179	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	166.63	12.19
08 71 11 00-0180	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	166.63	12.19
08 71 11 00-0181	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	166.63	12.19
08 71 11 00-0182	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	166.63	12.19
08 71 11 00-0183	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	166.63	12.19
08 71 11 00-0184		700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0145)*		
08 71 11 00-0185	EA	Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	323.61	12.19
08 71 11 00-0186	EA	Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	347.20	12.19
08 71 11 00-0187	EA	Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	384.80	12.19
08 71 11 00-0188	EA	Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	384.80	12.19
08 71 11 00-0189	EA	Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	384.80	12.19
08 71 11 00-0190	EA	Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	384.80	12.19
08 71 11 00-0191	EA	Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	384.80	12.19
08 71 11 00-0192		Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0063)*		
08 71 11 00-0193		Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		
08 71 11 00-0194		500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0195	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	194.65	12.19
08 71 11 00-0196	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	229.27	12.19
08 71 11 00-0197	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	257.29	12.19
08 71 11 00-0198	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	257.29	12.19
08 71 11 00-0199	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	257.29	12.19
08 71 11 00-0200		600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0201	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	194.65	12.19
08 71 11 00-0202	EA	Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	229.27	12.19
08 71 11 00-0203	EA	Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	257.29	12.19
08 71 11 00-0204	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	257.29	12.19
08 71 11 00-0205	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	257.29	12.19
08 71 11 00-0206		700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0207	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	194.65	12.19
08 71 11 00-0208	EA	Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	229.27	12.19
08 71 11 00-0209	EA	Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	257.29	12.19
08 71 11 00-0210	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	257.29	12.19
08 71 11 00-0211	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	257.29	12.19
08 71 11 00-0212		1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0213	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	205.41	14.63
08 71 11 00-0214	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	234.15	14.63
08 71 11 00-0215	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	247.42	14.63
08 71 11 00-0216	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	247.42	14.63
08 71 11 00-0217	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	247.42	14.63
08 71 11 00-0218		1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0193)*		
08 71 11 00-0219	EA	Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	205.41	14.63
08 71 11 00-0220	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	234.15	14.63
08 71 11 00-0221	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	247.42	14.63
08 71 11 00-0222	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	247.42	14.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0223	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	247.42	14.63
08 71 11 00-0224		Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		
08 71 11 00-0225		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0226	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	200.53	12.19
08 71 11 00-0227	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	232.96	12.19
08 71 11 00-0228	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	242.54	12.19
08 71 11 00-0229	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	242.54	12.19
08 71 11 00-0230	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	242.54	12.19
08 71 11 00-0231		600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0232	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	200.53	12.19
08 71 11 00-0233	EA	Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	232.96	12.19
08 71 11 00-0234	EA	Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	242.54	12.19
08 71 11 00-0235	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	242.54	12.19
08 71 11 00-0236	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	242.54	12.19
08 71 11 00-0237		700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0238	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	200.53	12.19
08 71 11 00-0239	EA	Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	232.96	12.19
08 71 11 00-0240	EA	Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	242.54	12.19
08 71 11 00-0241	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	242.54	12.19
08 71 11 00-0242	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	242.54	12.19
08 71 11 00-0243		1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0244	EA	Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	224.58	14.63
08 71 11 00-0245	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	257.74	14.63
08 71 11 00-0246	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	266.58	14.63
08 71 11 00-0247	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	266.58	14.63
08 71 11 00-0248	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	266.58	14.63
08 71 11 00-0249		1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0224)*		
08 71 11 00-0250	EA	Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	224.58	14.63
08 71 11 00-0251	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	257.74	14.63
08 71 11 00-0252	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	266.58	14.63
08 71 11 00-0253	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	266.58	14.63
08 71 11 00-0254	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	266.58	14.63
08 71 11 00-0255		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0192)*		
08 71 11 00-0256		500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0257	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	223.39	12.19
08 71 11 00-0258	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	275.72	12.19
08 71 11 00-0259	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	295.61	12.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0260	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	295.61	12.19
08 71 11 00-0261	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	295.61	12.19
08 71 11 00-0262		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0263	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	219.70	12.19
08 71 11 00-0264	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	232.96	12.19
08 71 11 00-0265	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	266.87	12.19
08 71 11 00-0266	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	266.87	12.19
08 71 11 00-0267	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	266.87	12.19
08 71 11 00-0268		1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0269	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	252.58	14.63
08 71 11 00-0270	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	280.60	14.63
08 71 11 00-0271	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	290.91	14.63
08 71 11 00-0272	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	290.91	14.63
08 71 11 00-0273	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	290.91	14.63
08 71 11 00-0274		1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0255)*		
08 71 11 00-0275	EA	Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	356.51	14.63
08 71 11 00-0276	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	380.09	14.63
08 71 11 00-0277	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	389.68	14.63
08 71 11 00-0278	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	389.68	14.63
08 71 11 00-0279	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	389.68	14.63
08 71 11 00-0280		1-1/2" Offset Pivot Hinges *(08 71 11 00-0062)*		
08 71 11 00-0281		Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0280)*		
08 71 11 00-0282		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0283		400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0282)*		
08 71 11 00-0284	EA	Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	229.27	12.19
08 71 11 00-0285	EA	Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	247.70	12.19
08 71 11 00-0286	EA	Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	261.70	12.19
08 71 11 00-0287	EA	Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	261.70	12.19
08 71 11 00-0288	EA	Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	261.70	12.19
08 71 11 00-0289		500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0282)*		
08 71 11 00-0290	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	229.27	12.19
08 71 11 00-0291	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	247.70	12.19
08 71 11 00-0292	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	261.70	12.19
08 71 11 00-0293	EA	Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	261.70	12.19
08 71 11 00-0294	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	261.70	12.19
08 71 11 00-0295		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0296		400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0295)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0297	EA	Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	238.12	12.19
08 71 11 00-0298	EA	Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	266.87	12.19
08 71 11 00-0299	EA	Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	280.87	12.19
08 71 11 00-0300	EA	Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	280.87	12.19
08 71 11 00-0301	EA	Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	280.87	12.19
08 71 11 00-0302		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0295)*		
08 71 11 00-0303	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	238.12	12.19
08 71 11 00-0304	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	266.87	12.19
08 71 11 00-0305	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	280.87	12.19
08 71 11 00-0306	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	280.87	12.19
08 71 11 00-0307	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	280.87	12.19
08 71 11 00-0308		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0309		400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0308)*		
08 71 11 00-0310	EA	Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	232.96	12.19
08 71 11 00-0311	EA	Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	266.87	12.19
08 71 11 00-0312	EA	Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	280.87	12.19
08 71 11 00-0313	EA	Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	280.87	12.19
08 71 11 00-0314	EA	Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	280.87	12.19
08 71 11 00-0315		500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0308)*		
08 71 11 00-0316	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	375.21	12.19
08 71 11 00-0317	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	413.54	12.19
08 71 11 00-0318	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	423.12	12.19
08 71 11 00-0319	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	423.12	12.19
08 71 11 00-0320	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	423.12	12.19
08 71 11 00-0321		Center Hung Pivot Hinges *(08 71 11 00-0059)*		
08 71 11 00-0322		Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0323		300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0324	EA	Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	119.75	9.75
08 71 11 00-0325	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	129.33	9.75
08 71 11 00-0326	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	129.33	9.75
08 71 11 00-0327	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	129.33	9.75
08 71 11 00-0328	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	129.33	9.75
08 71 11 00-0329	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	129.33	9.75
08 71 11 00-0330	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	129.33	9.75
08 71 11 00-0331		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0332	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	124.62	12.19
08 71 11 00-0333	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	134.20	12.19
08 71 11 00-0334	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	134.20	12.19
08 71 11 00-0335	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	134.20	12.19
08 71 11 00-0336	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	134.20	12.19
08 71 11 00-0337	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	134.20	12.19
08 71 11 00-0338	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	134.20	12.19
08 71 11 00-0339		600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0340	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	124.62	12.19
08 71 11 00-0341	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	134.20	12.19
08 71 11 00-0342	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	134.20	12.19
08 71 11 00-0343	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	134.20	12.19
08 71 11 00-0344	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	134.20	12.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0345	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	134.20	12.19
08 71 11 00-0346	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	134.20	12.19
08 71 11 00-0347		1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0322)*		
08 71 11 00-0348	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	195.82	14.63
08 71 11 00-0349	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	228.27	14.63
08 71 11 00-0350	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	262.17	14.63
08 71 11 00-0351	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	262.17	14.63
08 71 11 00-0352	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	262.17	14.63
08 71 11 00-0353	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	262.17	14.63
08 71 11 00-0354	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	262.17	14.63
08 71 11 00-0355		Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0356		300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)*		
08 71 11 00-0357	EA	Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	91.73	9.75
08 71 11 00-0358	EA	Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	105.75	9.75
08 71 11 00-0359	EA	Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	119.75	9.75
08 71 11 00-0360	EA	Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	119.75	9.75
08 71 11 00-0361	EA	Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	119.75	9.75
08 71 11 00-0362	EA	Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	119.75	9.75
08 71 11 00-0363	EA	Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	119.75	9.75
08 71 11 00-0364		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges *(08 71 11 00-0355)*		
08 71 11 00-0365	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	134.20	12.19
08 71 11 00-0366	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	138.62	12.19
08 71 11 00-0367	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	138.62	12.19
08 71 11 00-0368	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	138.62	12.19
08 71 11 00-0369	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	138.62	12.19
08 71 11 00-0370	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	138.62	12.19
08 71 11 00-0371	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	138.62	12.19
08 71 11 00-0372	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	134.20	12.19
08 71 11 00-0373	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	138.62	12.19
08 71 11 00-0374	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	138.62	12.19
08 71 11 00-0375	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	138.62	12.19
08 71 11 00-0376	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	138.62	12.19
08 71 11 00-0377	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	138.62	12.19
08 71 11 00-0378	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	138.62	12.19
08 71 11 00-0379		600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)*		
08 71 11 00-0380	EA	Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	266.87	12.19
08 71 11 00-0381	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	280.87	12.19
08 71 11 00-0382	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	295.61	12.19
08 71 11 00-0383	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	295.61	12.19
08 71 11 00-0384	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	295.61	12.19
08 71 11 00-0385	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	295.61	12.19
08 71 11 00-0386	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	295.61	12.19
08 71 11 00-0387		1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0355)*		
08 71 11 00-0388	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	489.17	14.63
08 71 11 00-0389	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	503.17	14.63
08 71 11 00-0390	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	522.34	14.63
08 71 11 00-0391	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	522.34	14.63
08 71 11 00-0392	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	522.34	14.63
08 71 11 00-0393	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	522.34	14.63

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 71 11 00-0394	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	522.34	14.63
08 71 11 00-0395			**Continuous Barrel-Type Hinge** *(08 71 11 00-0001)*		
	08 71 11 00-0396	LF	1-1/2" Wide, Steel, Continuous Barrel-Type Hinge	22.59	3.90
			For Stainless Steel, Add	*3.84*	
			For Brass Or Nickel, Add	*4.19*	
			For Aluminum, Add	*1.37*	
			For Medium Gauge, Deduct	*-1.40*	
	08 71 11 00-0397	LF	2" Wide, Steel, Continuous Barrel-Type Hinge	23.06	3.90
			For Stainless Steel, Add	*4.10*	
			For Brass Or Nickel, Add	*4.47*	
			For Aluminum, Add	*1.46*	
			For Medium Gauge, Deduct	*-1.49*	
	08 71 11 00-0398	LF	2-1/2" Wide, Steel, Continuous Barrel-Type Hinge	23.99	3.90
			For Stainless Steel, Add	*4.61*	
			For Brass Or Nickel, Add	*5.03*	
			For Aluminum, Add	*1.64*	
			For Medium Gauge, Deduct	*-1.68*	
	08 71 11 00-0399	LF	3" Wide, Steel, Continuous Barrel-Type Hinge	25.04	3.90
			For Stainless Steel, Add	*5.19*	
			For Brass Or Nickel, Add	*5.66*	
			For Aluminum, Add	*1.85*	
			For Medium Gauge, Deduct	*-1.89*	
08 71 11 00-0400			**Continuous Geared Hinges** *(08 71 11 00-0001)*		
	08 71 11 00-0401	LF	Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)	39.96	3.90
			For Bronze Finish, Add	*9.13*	
			For Heavy Duty, Add	*6.51*	
	08 71 11 00-0402	LF	Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057)	42.80	3.90
			For Bronze Finish, Add	*10.20*	
			For Heavy Duty, Add	*7.27*	
	08 71 11 00-0403	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112)	28.55	3.90
			For Bronze Finish, Add	*4.85*	
	08 71 11 00-0404	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD)	32.67	3.90
			For Bronze Finish, Add	*6.40*	
08 71 11 00-0405			**Mortised, Primed Steel, Double Acting Spring Hinges** *(08 71 11 00-0001)*		
	08 71 11 00-0406	PR	2", Mortised, Primed Steel, Double Acting Spring Hinge	103.81	6.83
			For Satin Brass, Add	*16.72*	
	08 71 11 00-0407	PR	3", Mortised, Primed Steel, Double Acting Spring Hinge	113.59	8.78
			For Satin Brass, Add	*16.73*	
	08 71 11 00-0408	PR	4", Mortised, Primed Steel, Double Acting Spring Hinge	127.14	10.73
			For Satin Brass, Add	*17.64*	
	08 71 11 00-0409	PR	5", Mortised, Primed Steel, Double Acting Spring Hinge	165.09	12.68
			For Satin Brass, Add	*24.41*	
	08 71 11 00-0410	PR	6", Mortised, Primed Steel, Double Acting Spring Hinge	185.15	14.63
			For Satin Brass, Add	*26.88*	
	08 71 11 00-0411	PR	7", Mortised, Primed Steel, Double Acting Spring Hinge	221.63	16.58
			For Satin Brass, Add	*33.30*	
	08 71 11 00-0412	PR	8", Mortised, Primed Steel, Double Acting Spring Hinge	296.70	46.32
			For Satin Brass, Add	*48.97*	
08 71 11 00-0413			**Security Hinges** *(08 71 11 00-0001)*		
	08 71 11 00-0414	EA	4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	34.75	6.83
08 71 11 00-0415			**Concealed Circuit Electric Hinge Option** *(08 71 11 00-0001)*		
			Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
	08 71 11 00-0416	EA	4 Wire Concealed Circuit Electric Hinge Option	174.45	
	08 71 11 00-0417	EA	6 Wire Concealed Circuit Electric Hinge Option	205.96	
	08 71 11 00-0418	EA	8 Wire Concealed Circuit Electric Hinge Option	237.48	
08 71 11 00-0419			**Hinge Filler Plates For Door Frames** *(08 71 11 00-0001)*		
	08 71 11 00-0420	PR	Hinge Filler Plates For Door Frames	15.46	4.88
08 71 11 00-0421			**Door Trim** *(08 71 11)*		
08 71 11 00-0422			**Floor Stops, Wall Stops And Bumpers** *(08 71 11 00-0421)*		
08 71 11 00-0423			**Floor Stops** *(08 71 11 00-0422)*		
08 71 11 00-0424			**Aluminum Floor Stops** *(08 71 11 00-0423)*		
	08 71 11 00-0425	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	26.25	12.19
	08 71 11 00-0426	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	28.11	12.19
	08 71 11 00-0427	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	28.82	12.19
	08 71 11 00-0428	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	39.63	12.19
	08 71 11 00-0429	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	40.92	12.19

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0430		**Brass Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0431	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	28.37	12.19
08 71 11 00-0432	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	29.09	12.19
08 71 11 00-0433	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	29.09	12.19
08 71 11 00-0434	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	29.36	12.19
08 71 11 00-0435	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	29.72	12.19
08 71 11 00-0436	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	29.72	12.19
08 71 11 00-0437	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	29.72	12.19
08 71 11 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	28.82	12.19
08 71 11 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	29.90	12.19
08 71 11 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	29.90	12.19
08 71 11 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	30.32	12.19
08 71 11 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	30.68	12.19
08 71 11 00-0443	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	30.68	12.19
08 71 11 00-0444	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	32.38	12.19
08 71 11 00-0445	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	29.97	12.19
08 71 11 00-0446	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	29.97	12.19
08 71 11 00-0447	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	31.15	12.19
08 71 11 00-0448	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	31.15	12.19
08 71 11 00-0449	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	31.15	12.19
08 71 11 00-0450	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	31.15	12.19
08 71 11 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	30.78	12.19
08 71 11 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	30.78	12.19
08 71 11 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	31.93	12.19
08 71 11 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	31.93	12.19
08 71 11 00-0455	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	31.93	12.19
08 71 11 00-0456	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	31.93	12.19
08 71 11 00-0457	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	40.67	12.19
08 71 11 00-0458	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	41.18	12.19
08 71 11 00-0459	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	42.42	12.19
08 71 11 00-0460	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	43.42	12.19
08 71 11 00-0461	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	43.42	12.19
08 71 11 00-0462	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	47.50	12.19
08 71 11 00-0463	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	47.50	12.19
08 71 11 00-0464	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	45.99	12.19
08 71 11 00-0465	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	46.72	12.19
08 71 11 00-0466	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	46.72	12.19
08 71 11 00-0467	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	46.72	12.19
08 71 11 00-0468	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	46.72	12.19
08 71 11 00-0469	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	52.31	12.19
08 71 11 00-0470	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	52.31	12.19
08 71 11 00-0471	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	34.59	12.19
08 71 11 00-0472	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	35.52	12.19
08 71 11 00-0473	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	37.62	12.19
08 71 11 00-0474	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	37.62	12.19
08 71 11 00-0475	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	37.62	12.19
08 71 11 00-0476	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	38.25	12.19
08 71 11 00-0477		**Steel Floor Stops** *(08 71 11 00-0423)*		
08 71 11 00-0478	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	30.96	12.19
08 71 11 00-0479	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) Note: Includes drilling. Excludes Grout.	65.55	12.19
08 71 11 00-0480	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) Note: Includes drilling. Excludes Grout.	68.50	12.19
08 71 11 00-0481		**Wall Stops** *(08 71 11 00-0422)*		
08 71 11 00-0482		**Aluminum Wall Stops** *(08 71 11 00-0481)*		
08 71 11 00-0483	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	12.32	4.88
08 71 11 00-0484	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	18.12	7.31
08 71 11 00-0485		**Brass Wall Stops** *(08 71 11 00-0481)*		
08 71 11 00-0486	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	18.65	4.88
08 71 11 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	18.65	4.88
08 71 11 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	18.65	4.88
08 71 11 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	21.41	4.88
08 71 11 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	21.67	4.88
08 71 11 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	21.67	4.88
08 71 11 00-0492	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	21.67	4.88
08 71 11 00-0493	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	47.54	7.31
08 71 11 00-0494	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	48.51	7.31
08 71 11 00-0495	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	48.51	7.31
08 71 11 00-0496	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	48.51	7.31
08 71 11 00-0497	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	48.51	7.31
08 71 11 00-0498	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	48.51	7.31
08 71 11 00-0499	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	40.68	7.31
08 71 11 00-0500	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	45.94	7.31
08 71 11 00-0501	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	45.94	7.31
08 71 11 00-0502	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	45.94	7.31
08 71 11 00-0503	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	45.94	7.31
08 71 11 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	47.19	7.31
08 71 11 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	47.19	7.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0506	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	73.16	7.31
08 71 11 00-0507		**Steel Wall Stops** *(08 71 11 00-0481)*		
08 71 11 00-0508	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	10.29	4.88
08 71 11 00-0509		**Hinge Pin Door Stops** *(08 71 11 00-0422)*		
08 71 11 00-0510		**Aluminum Hinge Pin Door Stops** *(08 71 11 00-0509)*		
08 71 11 00-0511	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	21.11	9.75
08 71 11 00-0512		**Brass Hinge Pin Door Stops** *(08 71 11 00-0509)*		
08 71 11 00-0513	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	21.41	9.75
08 71 11 00-0514	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	23.33	9.75
08 71 11 00-0515	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	27.95	9.75
08 71 11 00-0516	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	27.95	9.75
08 71 11 00-0517	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	27.95	9.75
08 71 11 00-0518	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	30.11	9.75
08 71 11 00-0519	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	30.11	9.75
08 71 11 00-0520	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	30.11	9.75
08 71 11 00-0521	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	30.11	9.75
08 71 11 00-0522		**Wall Bumpers** *(08 71 11 00-0422)*		
08 71 11 00-0523		**Brass Wall Bumpers** *(08 71 11 00-0522)*		
08 71 11 00-0524	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	27.40	12.19
08 71 11 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	27.40	12.19
08 71 11 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	27.40	12.19
08 71 11 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	27.66	12.19
08 71 11 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	27.66	12.19
08 71 11 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	27.66	12.19
08 71 11 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	27.66	12.19
08 71 11 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	36.55	12.19
08 71 11 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	38.96	12.19
08 71 11 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	38.96	12.19
08 71 11 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	38.96	12.19
08 71 11 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	38.96	12.19
08 71 11 00-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	38.96	12.19
08 71 11 00-0537	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	39.50	12.19
08 71 11 00-0538		**Rubber Wall Bumpers** *(08 71 11 00-0522)*		
08 71 11 00-0539	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	26.44	12.19
08 71 11 00-0540		**Holders** *(08 71 11 00-0421)*		
08 71 11 00-0541		**Plunger Type Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0542		**Aluminum Plunger Type Door Holders** *(08 71 11 00-0541)*		
08 71 11 00-0543	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	49.94	7.31
08 71 11 00-0544		**Brass Plunger Type Door Holders** *(08 71 11 00-0541)*		
08 71 11 00-0545	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.31	7.31
08 71 11 00-0546	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.31	7.31
08 71 11 00-0547	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.31	7.31
08 71 11 00-0548	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.31	7.31
08 71 11 00-0549	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.31	7.31
08 71 11 00-0550	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.31	7.31
08 71 11 00-0551	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	78.31	7.31
08 71 11 00-0552		**Kick Down Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0553		**Aluminum Kick Down Door Holders** *(08 71 11 00-0552)*		
08 71 11 00-0554	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	20.40	7.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0555		**Brass Kick Down Door Holders** *(08 71 11 00-0552)*		
08 71 11 00-0556	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	38.04	7.31
08 71 11 00-0557	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	38.04	7.31
08 71 11 00-0558	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	38.04	7.31
08 71 11 00-0559	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	42.64	7.31
08 71 11 00-0560	EA	Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	42.64	7.31
08 71 11 00-0561	EA	Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	42.64	7.31
08 71 11 00-0562	EA	Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	43.81	7.31
08 71 11 00-0563		**Steel Kick Down Door Holders** *(08 71 11 00-0552)*		
08 71 11 00-0564	EA	Steel Kick Down Door Holder (Ives FS544)	23.95	7.31
08 71 11 00-0565		**Floor Mounted Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0566		**Brass Floor Mounted Door Holders** *(08 71 11 00-0565)*		
08 71 11 00-0567	EA	Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	74.70	14.63
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0568	EA	Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	74.70	14.63
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0569	EA	Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	90.00	14.63
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0570	EA	Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	90.00	14.63
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0571	EA	Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	90.00	14.63
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0572	EA	Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	90.00	14.63
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0573		**Wall Mounted Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0574		**Aluminum Wall Mounted Door Holders** *(08 71 11 00-0573)*		
08 71 11 00-0575	EA	4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	63.04	8.54
08 71 11 00-0576	EA	Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	94.02	14.63
08 71 11 00-0577		**Brass Wall Mounted Door Holders** *(08 71 11 00-0573)*		
08 71 11 00-0578	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	58.41	8.54
08 71 11 00-0579	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	66.70	8.54
08 71 11 00-0580	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	66.70	8.54
08 71 11 00-0581	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	66.70	8.54
08 71 11 00-0582	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	66.70	8.54
08 71 11 00-0583	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	66.70	8.54
08 71 11 00-0584	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	68.65	8.54
08 71 11 00-0585	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	65.35	8.54
08 71 11 00-0586	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	76.66	8.54
08 71 11 00-0587	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	76.66	8.54
08 71 11 00-0588	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	76.66	8.54
08 71 11 00-0589	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	76.66	8.54
08 71 11 00-0590	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	76.66	8.54
08 71 11 00-0591	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	105.30	14.63
08 71 11 00-0592	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	110.39	14.63
08 71 11 00-0593	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	110.39	14.63
08 71 11 00-0594	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	110.39	14.63
08 71 11 00-0595	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	110.39	14.63
08 71 11 00-0596	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	110.39	14.63
08 71 11 00-0597		**Overhead Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0598		**Surface Mounted, Overhead Door Holders** *(08 71 11 00-0597)*		
08 71 11 00-0599	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	329.31	24.38
		For Hold Open, Add	*33.45*	
08 71 11 00-0600	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	372.00	24.38
		For Hold Open, Add	*39.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0601	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	372.00	24.38
		For Hold Open, Add	*39.61*	
08 71 11 00-0602	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	372.00	24.38
		For Hold Open, Add	*39.61*	
08 71 11 00-0603	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	370.55	24.38
		For Hold Open, Add	*39.40*	

08 71 11 00-0604 Heavy Duty, Surface Mounted, Overhead Door Holders *(08 71 11 00-0597)*

Note: With or without hold open feature.

08 71 11 00-0605	EA	Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	264.82	24.38
08 71 11 00-0606	EA	Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	366.78	24.38
08 71 11 00-0607	EA	Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	411.22	24.38
08 71 11 00-0608	EA	Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	411.22	24.38
08 71 11 00-0609	EA	Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	411.22	24.38

08 71 11 00-0610 Concealed Mounted, Overhead Door Holders *(08 71 11 00-0597)*

Note: With or without hold open feature.

08 71 11 00-0611	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	356.03	24.38
08 71 11 00-0612	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	356.03	24.38
08 71 11 00-0613	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	373.46	24.38
08 71 11 00-0614	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	388.27	24.38
08 71 11 00-0615	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	388.27	24.38

08 71 11 00-0616 Silencers *(08 71 11 00-0421)*

08 71 11 00-0617	EA	Replacement Rubber Door Silencers Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.	1.41	0.97

08 71 11 00-0618 Bolts *(08 71 11 00-0421)*

08 71 11 00-0619 Brass Surface Bolts *(08 71 11 00-0618)*

08 71 11 00-0620	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	104.90	12.19
08 71 11 00-0621	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	111.61	12.19
08 71 11 00-0622	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	111.61	12.19

08 71 11 00-0623 Steel Surface Bolts *(08 71 11 00-0618)*

08 71 11 00-0624	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	52.90	12.19
08 71 11 00-0625	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	52.90	12.19
08 71 11 00-0626	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	52.90	12.19
08 71 11 00-0627	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	58.77	12.19
08 71 11 00-0628	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	59.61	12.19
08 71 11 00-0629	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	61.28	12.19
08 71 11 00-0630	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	60.44	12.19
08 71 11 00-0631	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	62.97	12.19
08 71 11 00-0632	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	66.32	12.19
08 71 11 00-0633	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	68.83	12.19
08 71 11 00-0634	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	102.38	12.19

08 71 11 00-0635 Door Viewer *(08 71 11 00-0421)*

08 71 11 00-0636 Brass Door Viewer *(08 71 11 00-0635)*

08 71 11 00-0637	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	32.38	12.19
08 71 11 00-0638	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	32.38	12.19
08 71 11 00-0639	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	32.38	12.19
08 71 11 00-0640	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	36.13	12.19
08 71 11 00-0641	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	36.13	12.19
08 71 11 00-0642	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	36.13	12.19
08 71 11 00-0643	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	40.75	12.19
08 71 11 00-0644	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	40.75	12.19

08 71 11 00-0645 Door Knockers *(08 71 11 00-0421)*

08 71 11 00-0646 Brass Door Knockers *(08 71 11 00-0645)*

08 71 11 00-0647	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	43.94	12.19
08 71 11 00-0648	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	47.50	12.19
08 71 11 00-0649	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	47.50	12.19
08 71 11 00-0650	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	47.50	12.19
08 71 11 00-0651	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	61.01	12.19
08 71 11 00-0652	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	69.59	12.19

08 71 11 00-0653 Hasps *(08 71 11 00-0421)*

08 71 11 00-0654	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly	23.25	9.20
08 71 11 00-0655	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly	24.75	9.75
08 71 11 00-0656	EA	6", Zinc Plated Finish, Steel Hasp Assembly	30.45	10.97
08 71 11 00-0657	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly	100.11	13.16

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0658		Flush Bolts *(08 71 11 00-0421)*		
08 71 11 00-0659		Flush Bolts For Metal Doors *(08 71 11 00-0658)*		
08 71 11 00-0660		Brass Flush Bolts For Metal Doors *(08 71 11 00-0659)*		
08 71 11 00-0661		Manual, Brass Flush Bolts For Metal Doors *(08 71 11 00-0660)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0662	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	42.84	12.19
08 71 11 00-0663		Automatic, Brass Flush Bolts For Metal Doors *(08 71 11 00-0660)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0664	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	91.30	12.19
08 71 11 00-0665	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	91.30	12.19
08 71 11 00-0666	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	165.82	19.51
08 71 11 00-0667	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	160.95	17.06
08 71 11 00-0668	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	167.58	18.29
08 71 11 00-0669		Constant Latching, Brass Flush Bolts For Metal Doors *(08 71 11 00-0660)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0670	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	90.56	12.19
08 71 11 00-0671	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	165.82	19.51
08 71 11 00-0672	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	160.95	17.06
08 71 11 00-0673	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	167.58	18.29
08 71 11 00-0674		Stainless Steel Flush Bolts For Metal Doors *(08 71 11 00-0659)*		
08 71 11 00-0675		Automatic, Stainless Steel Flush Bolts For Metal Doors *(08 71 11 00-0674)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0676	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	91.30	12.19
08 71 11 00-0677	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	91.30	12.19
08 71 11 00-0678	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	165.82	19.51
08 71 11 00-0679	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	160.95	17.06
08 71 11 00-0680	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	167.58	18.29
08 71 11 00-0681		Constant Latching, Stainless Steel Flush Bolts For Metal Doors *(08 71 11 00-0674)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0682	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	90.56	12.19
08 71 11 00-0683	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	165.82	19.51
08 71 11 00-0684	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	160.95	17.06
08 71 11 00-0685	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	167.58	18.29
08 71 11 00-0686		Flush Bolts For Wood Doors *(08 71 11 00-0658)*		
08 71 11 00-0687		Brass Flush Bolts For Wood Doors *(08 71 11 00-0686)*		
08 71 11 00-0688		Manual, Brass Flush Bolts For Wood Doors *(08 71 11 00-0687)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0689	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	49.11	12.19
08 71 11 00-0690		Automatic, Brass Flush Bolts For Wood Doors *(08 71 11 00-0687)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0691	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	94.57	12.19
08 71 11 00-0692	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	94.57	12.19
08 71 11 00-0693	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	172.87	19.51
08 71 11 00-0694	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	168.00	17.06
08 71 11 00-0695		Constant Latching, Brass Flush Bolts For Wood Doors *(08 71 11 00-0687)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0696	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	93.92	12.19
08 71 11 00-0697	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	172.87	19.51
08 71 11 00-0698	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	168.00	17.06
08 71 11 00-0699		Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0686)*		
08 71 11 00-0700		Automatic, Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0699)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0701	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	94.57	12.19
08 71 11 00-0702	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	94.57	12.19
08 71 11 00-0703	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	172.87	19.51
08 71 11 00-0704	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	168.00	17.06
08 71 11 00-0705		Constant Latching, Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0699)* Note: Includes stainless steel construction with bright or satin finish.		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 71 11 00-0706	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	93.92	12.19
	08 71 11 00-0707	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	172.87	19.51
	08 71 11 00-0708	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	168.00	17.06
08 71 11 00-0709			Dust Proof Strikes *(08 71 11 00-0658)*		
	08 71 11 00-0710	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1)	37.46	9.75
	08 71 11 00-0711	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	37.46	9.75
	08 71 11 00-0712	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1)	37.46	9.75
	08 71 11 00-0713	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	37.46	9.75
	08 71 11 00-0714	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	37.46	9.75
	08 71 11 00-0715	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.15	9.75
	08 71 11 00-0716	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.15	9.75
	08 71 11 00-0717	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.15	9.75
	08 71 11 00-0718	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.15	9.75
	08 71 11 00-0719	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	42.15	9.75
08 71 11 00-0720			Roller Bumpers *(08 71 11 00-0421)*		
08 71 11 00-0721			Brass Roller Bumpers *(08 71 11 00-0720)*		
	08 71 11 00-0722	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	37.14	7.31
	08 71 11 00-0723	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	42.75	7.31
	08 71 11 00-0724	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	42.75	7.31
	08 71 11 00-0725	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	35.88	7.31
	08 71 11 00-0726	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	40.15	7.31
	08 71 11 00-0727	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	40.15	7.31
	08 71 11 00-0728	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	40.15	7.31
	08 71 11 00-0729	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	37.23	7.31
	08 71 11 00-0730	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	40.25	7.31
	08 71 11 00-0731	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	41.67	7.31
	08 71 11 00-0732	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	41.67	7.31
	08 71 11 00-0733	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	41.67	7.31
	08 71 11 00-0734	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	41.67	7.31
	08 71 11 00-0735	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	41.67	7.31
08 71 11 00-0736			Other Door Trim *(08 71 11 00-0421)*		
08 71 11 00-0737			Coat And Hat Hooks *(08 71 11 00-0736)*		
08 71 11 00-0738			Aluminum Coat And Hat Hooks *(08 71 11 00-0737)*		
	08 71 11 00-0739	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	16.39	7.31
	08 71 11 00-0740	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	16.39	7.31
	08 71 11 00-0741	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	16.49	7.31
	08 71 11 00-0742	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	16.31	7.31
	08 71 11 00-0743	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	16.31	7.31
	08 71 11 00-0744	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	16.31	7.31
	08 71 11 00-0745	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	16.49	7.31
	08 71 11 00-0746	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	17.01	7.31
	08 71 11 00-0747	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	17.01	7.31
	08 71 11 00-0748	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	17.01	7.31
	08 71 11 00-0749	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	17.01	7.31
	08 71 11 00-0750	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	17.01	7.31
08 71 11 00-0751			Brass Coat And Hat Hooks *(08 71 11 00-0737)*		
	08 71 11 00-0752	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	19.23	7.31
	08 71 11 00-0753	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	19.51	7.31
	08 71 11 00-0754	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	19.95	7.31
	08 71 11 00-0755	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	19.95	7.31
	08 71 11 00-0756	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	20.22	7.31
	08 71 11 00-0757	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	21.11	7.31
	08 71 11 00-0758	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	22.36	7.31
	08 71 11 00-0759	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	22.36	7.31
	08 71 11 00-0760	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	22.36	7.31
	08 71 11 00-0761	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	22.63	7.31
08 71 11 00-0762			Door Plates And Pulls *(08 71 11)*		
08 71 11 00-0763			Kick Plate *(08 71 11 00-0762)* Note: Ives 8400.		
08 71 11 00-0764			Aluminum Base Material Kick Plate *(08 71 11 00-0763)*		
08 71 11 00-0765			Satin Aluminum Finish, Aluminum Kick Plate *(08 71 11 00-0764)*		
	08 71 11 00-0766	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	43.13	7.31
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
	08 71 11 00-0767	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	44.41	7.31
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
	08 71 11 00-0768	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	45.66	7.31
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0769	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	46.92	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0770	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	50.15	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0771	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	51.38	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0772	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	52.66	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0773	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	53.91	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0774	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	57.12	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0775	EA	8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	58.39	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0776	EA	8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.64	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0777	EA	8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	62.86	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0778	EA	8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	64.13	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0779	EA	8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	65.38	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0780	EA	10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	46.62	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0781	EA	10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	48.20	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0782	EA	10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	49.75	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0783	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	51.34	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0784	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	54.87	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0785	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	56.44	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0786	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	58.02	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0787	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.59	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0788	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.12	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0789	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	64.69	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0790	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.27	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0791	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	69.81	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0792	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	71.36	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0793	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.94	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0794	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	50.09	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0795	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	51.96	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0796	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	53.88	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0797	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	55.74	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0798	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.59	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0799	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.48	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0800	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.36	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0801	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	65.27	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0802	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	69.10	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0803	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.99	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0804	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.89	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0805	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.73	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0806	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.62	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0807	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	80.52	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0808	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	55.48	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0809	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	57.69	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0810	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	59.92	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0811	EA	14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	62.13	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0812	EA	14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.27	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0813	EA	14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.48	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0814	EA	14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.69	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0815	EA	14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	72.89	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0816	EA	14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.05	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0817	EA	14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	79.25	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0818	EA	14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.45	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0819	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	85.61	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0820	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	87.83	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0821	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	90.04	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0822	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	58.96	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0823	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	61.48	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0824	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	64.02	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0825	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.53	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0826	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.48	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0827	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.53	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0828	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.06	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0829	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.57	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0830	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	83.04	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0831	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	85.58	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0832	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.09	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0833	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.55	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0834	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.08	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0835	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	97.62	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0836	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	64.42	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0837	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	67.44	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0838	EA	18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.47	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0839	EA	18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.49	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0840	EA	18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.44	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0841	EA	18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.46	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0842	EA	18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.48	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0843	EA	18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	87.51	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0844	EA	18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.48	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0845	EA	18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.50	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0846	EA	18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	98.52	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0847	EA	18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	103.49	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0848	EA	18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	106.51	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0849	EA	18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	109.53	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0850	EA	20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.06	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0851	EA	20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.42	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0852	EA	20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.77	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0853	EA	20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	80.13	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0854	EA	20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	85.43	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0855	EA	20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.79	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0856	EA	20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.14	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0857	EA	20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.50	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0858	EA	20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	100.80	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0859	EA	20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.16	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0860	EA	20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.51	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0861	EA	20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	112.82	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0862	EA	20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	116.17	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0863	EA	20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	119.53	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0864	EA	22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.75	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0865	EA	22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.44	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0866	EA	22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.13	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0867	EA	22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	84.82	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0868	EA	22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	90.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0869	EA	22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.16	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0870	EA	22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	97.85	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0871	EA	22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	101.54	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0872	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.18	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0873	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	110.87	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0874	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	114.55	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0875	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.19	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0876	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	123.88	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0877	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	127.57	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0878	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.44	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0879	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.46	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0880	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	85.50	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0881	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.52	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0882	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.50	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0883	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.52	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0884	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	103.54	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0885	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.58	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0886	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	113.55	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0887	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	117.58	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0888	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	121.60	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0889	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	127.57	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0890	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	131.61	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0891	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	135.63	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-0892 Brass Base Material Kick Plate *(08 71 11 00-0763)*

08 71 11 00-0893 Bright/Satin Brass Finish, Brass Kick Plate *(08 71 11 00-0892)*

08 71 11 00-0894	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	75.17	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0895	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	79.34	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0896	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	83.52	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0897	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	87.69	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0898	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	93.80	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0899	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	98.00	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0900	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	102.17	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0901	EA	8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	106.34	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0902	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	112.46	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0903	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	116.62	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0904	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	120.79	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0905	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	126.91	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0906	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	131.11	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0907	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	135.28	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0908	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	86.65	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0909	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	91.85	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0910	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	97.08	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0911	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	102.30	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0912	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	109.45	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0913	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	114.67	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0914	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	119.90	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0915	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	125.12	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0916	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	132.26	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0917	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	137.49	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0918	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	142.72	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0919	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	149.87	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0920	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	155.10	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0921	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	160.31	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0922	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	98.10	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0923	EA	12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	104.39	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0924	EA	12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	110.63	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0925	EA	12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	116.89	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0926	EA	12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	125.12	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0927	EA	12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	131.38	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0928	EA	12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	137.63	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0929	EA	12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	143.88	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0930	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	152.12	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0931	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	158.36	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0932	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	164.62	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0933	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	172.83	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0934	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	179.08	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0935	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	185.37	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0936	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	111.55	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0937	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	118.84	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0938	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	126.15	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0939	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	133.47	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0940	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	142.72	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0941	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	150.03	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0942	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	157.32	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0943	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	164.62	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0944	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	173.88	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0945	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	181.18	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0946	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	188.47	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0947	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	197.73	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0948	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	205.05	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0949	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	212.35	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0950	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	152.17	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0951	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	163.19	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0952	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	174.19	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0953	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	185.17	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0954	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	198.11	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0955	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	209.12	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0956	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	220.13	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0957	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	231.09	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0958	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	244.07	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0959	EA	16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	255.08	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0960	EA	16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	266.07	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0961	EA	16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	279.00	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0962	EA	16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	289.99	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0963	EA	16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	301.00	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0964	EA	18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	167.06	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0965	EA	18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	179.40	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0966	EA	18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	191.73	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0967	EA	18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	204.11	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0968	EA	18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	218.40	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0969	EA	18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	230.73	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0970	EA	18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	243.10	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0971	EA	18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	255.43	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0972	EA	18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	269.76	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0973	EA	18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	282.10	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0974	EA	18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	294.43	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0975	EA	18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	308.76	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0976	EA	18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	321.09	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0977	EA	18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	333.43	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0978	EA	20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	184.10	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0979	EA	20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	197.81	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0980	EA	20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	211.55	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0981	EA	20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	225.24	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0982	EA	20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	240.93	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0983	EA	20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	254.65	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0984	EA	20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	268.36	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0985	EA	20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	282.10	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0986	EA	20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	297.75	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0987	EA	20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	311.49	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0988	EA	20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	325.21	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0989	EA	20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	340.87	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0990	EA	20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	354.61	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0991	EA	20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	368.30	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0992	EA	22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	199.20	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0993	EA	22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	214.28	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0994	EA	22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	229.37	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0995	EA	22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	244.47	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0996	EA	22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	261.51	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0997	EA	22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	276.61	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0998	EA	22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	291.70	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0999	EA	22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	306.81	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1000	EA	22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	323.83	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1001	EA	22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	338.92	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1002	EA	22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	354.02	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1003	EA	22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	371.06	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1004	EA	22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	386.17	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1005	EA	22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	401.23	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1006	EA	24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	214.28	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1007	EA	24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	230.73	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1008	EA	24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	247.21	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1009	EA	24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	263.68	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1010	EA	24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	282.10	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1011	EA	24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	298.56	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1012	EA	24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	315.03	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1013	EA	24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	332.40	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1014	EA	24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	349.90	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1015	EA	24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	366.35	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1016	EA	24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	382.82	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1017	EA	24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	401.23	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1018	EA	24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	417.73	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1019	EA	24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	434.18	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1020 Bright/Satin Chrome Finish, Brass Kick Plate *(08 71 11 00-0892)*

08 71 11 00-1021	EA	8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	79.89	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1022	EA	8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	84.49	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1023	EA	8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	89.09	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1024	EA	8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	93.70	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1025	EA	8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	100.25	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1026	EA	8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	104.84	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1027	EA	8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	109.45	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1028	EA	8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	114.05	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1029	EA	8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	120.60	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1030	EA	8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	125.22	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1031	EA	8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	129.83	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1032	EA	8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	136.38	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1033	EA	8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	140.98	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1034	EA	8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	145.59	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1035	EA	10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	92.55	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1036	EA	10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	98.30	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1037	EA	10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	104.05	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1038	EA	10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	109.80	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1039	EA	10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	117.52	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1040	EA	10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	123.27	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1041	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	129.02	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1042	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	134.77	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1043	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	142.47	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1044	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	148.23	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1045	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	153.98	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1046	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	161.68	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1047	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	167.43	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1048	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	173.18	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1049	EA	12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	105.20	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1050	EA	12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	112.10	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1051	EA	12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	119.03	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1052	EA	12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	125.93	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1053	EA	12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	134.77	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1054	EA	12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	141.69	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1055	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	148.58	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1056	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	155.48	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1057	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	164.33	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1058	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	171.23	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1059	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	178.14	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1060	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	186.99	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1061	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	193.92	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1062	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	200.82	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1063	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	119.80	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1064	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	127.88	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1065	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	135.94	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1066	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	143.98	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1067	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	153.98	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1068	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	162.04	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1069	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	170.08	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1070	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	178.14	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1071	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	188.17	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1072	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	196.21	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1073	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	204.26	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1074	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	199.75	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1075	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	222.32	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1076	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	230.38	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1077	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	166.22	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1078	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	178.50	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1079	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	190.77	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1080	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	203.05	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1081	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	217.27	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1082	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	229.54	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1083	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	241.83	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1084	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	254.10	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1085	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	268.32	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1086	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	280.59	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1087	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	292.86	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1088	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	307.09	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1089	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	319.36	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1090	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	331.63	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1091	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	182.66	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1092	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	196.44	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1093	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	210.19	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1094	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	223.97	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1095	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	239.68	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1096	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	253.44	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1097	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	267.21	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1098	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	280.98	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1099	EA	18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	296.68	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1100	EA	18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	310.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1101	EA	18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	324.25	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1102	EA	18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	339.95	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1103	EA	18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	353.73	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1104	EA	18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	367.49	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1105	EA	20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	201.42	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1106	EA	20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	216.75	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1107	EA	20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	232.02	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1108	EA	20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	247.35	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1109	EA	20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	264.57	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1110	EA	20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	279.87	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1111	EA	20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	295.17	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1112	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	310.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1113	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	327.74	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1114	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	343.02	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1115	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	358.31	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1116	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	375.57	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1117	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	390.86	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1118	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	406.17	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1119	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	218.26	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1120	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	235.10	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1121	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	251.92	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1122	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	268.74	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1123	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	287.53	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1124	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	304.35	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1125	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	321.18	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1126	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	338.00	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1127	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	356.80	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1128	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	373.62	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1129	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	390.45	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1130	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	409.22	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1131	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	426.03	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1132	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	442.88	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1133	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	235.10	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1134	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	253.44	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1135	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	271.80	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1136	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	290.16	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1137	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	310.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1138	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	328.82	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1139	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	347.21	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1140	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	365.54	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1141	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	385.84	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1142	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	404.22	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1143	EA	24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	422.57	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1144	EA	24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	442.88	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1145	EA	24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	461.24	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1146	EA	24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	479.59	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1147 Satin/Dark Bronze Finish, Brass Kick Plate *(08 71 11 00-0892)*

08 71 11 00-1148	EA	8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	80.79	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1149	EA	8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	85.45	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1150	EA	8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	90.15	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1151	EA	8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	94.82	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1152	EA	8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	101.47	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1153	EA	8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	106.15	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1154	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	110.84	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1155	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	115.52	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1156	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	122.13	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1157	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	126.83	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1158	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	131.51	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1159	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	138.15	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1160	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	142.83	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1161	EA	8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	147.52	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1162	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	93.66	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1163	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	99.52	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1164	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	105.36	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1165	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	111.21	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1166	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	119.02	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1167	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	124.88	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1168	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	130.72	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1169	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	136.57	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1170	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	144.39	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1171	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	150.24	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1172	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	156.08	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1173	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	163.91	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1174	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	169.75	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1175	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	175.61	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1176	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	106.54	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1177	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	113.57	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1178	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	120.58	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1179	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	127.61	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1180	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	136.57	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1181	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	143.62	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1182	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	150.65	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1183	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	157.66	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1184	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	166.64	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1185	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	173.66	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1186	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	180.67	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1187	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	189.65	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1188	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	196.69	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1189	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	203.71	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1190	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	121.35	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1191	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	129.56	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1192	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	137.75	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1193	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	145.94	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1194	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	156.08	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1195	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	164.29	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1196	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	172.48	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1197	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	180.67	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1198	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	190.83	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1199	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	199.02	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1200	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	207.21	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1201	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	217.36	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1202	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	225.58	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1203	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	233.77	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1204	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	166.22	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1205	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	178.50	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1206	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	190.77	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1207	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	203.05	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1208	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	217.27	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1209	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	229.54	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1210	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	241.83	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1211	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	254.10	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1212	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	268.32	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1213	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	280.59	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1214	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	292.86	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1215	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	307.09	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1216	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	319.36	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1217	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	331.63	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1218	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	182.66	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1219	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	196.44	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1220	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	210.19	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1221	EA	18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	223.97	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1222	EA	18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	239.68	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1223	EA	18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	253.44	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1224	EA	18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	267.21	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1225	EA	18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	280.98	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1226	EA	18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	296.68	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1227	EA	18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	310.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1228	EA	18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	324.25	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1229	EA	18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	339.95	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1230	EA	18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	353.73	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1231	EA	18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	367.49	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1232	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	201.42	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1233	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	216.75	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1234	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	232.02	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1235	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	247.35	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1236	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	264.57	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1237	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	279.87	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1238	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	295.17	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1239	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	310.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1240	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	327.74	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1241	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	343.02	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1242	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	358.31	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1243	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	375.57	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1244	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	390.86	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1245	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	406.17	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1246	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	218.26	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1247	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	235.10	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1248	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	251.92	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1249	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	268.74	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1250	EA	22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	287.53	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1251	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	304.35	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1252	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	321.18	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1253	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	338.00	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1254	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	356.80	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1255	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	373.62	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1256	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	390.45	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1257	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	409.22	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1258	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	426.03	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1259	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	442.88	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1260	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	235.10	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1261	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	253.44	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1262	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	271.80	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1263	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	290.16	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1264	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	310.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1265	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	328.82	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1266	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	347.21	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1267	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	365.54	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1268	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	385.84	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1269	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	404.22	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1270	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	422.57	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1271	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	442.88	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1272	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	461.24	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1273	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	479.59	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1274 Satin Nickel Finish, Brass Kick Plate *(08 71 11 00-0892)*

08 71 11 00-1275	EA	8" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	80.79	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1276	EA	8" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	85.45	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1277	EA	8" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	90.15	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1278	EA	8" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	94.82	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1279	EA	8" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	101.47	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1280	EA	8" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	106.15	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1281	EA	8" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	110.84	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1282	EA	8" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	115.52	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1283	EA	8" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	122.13	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1284	EA	8" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	126.83	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1285	EA	8" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	131.51	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1286	EA	8" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	138.15	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1287	EA	8" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	142.83	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1288	EA	8" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	147.52	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1289	EA	10" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	93.66	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1290	EA	10" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	99.52	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1291	EA	10" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	105.36	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1292	EA	10" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	111.21	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1293	EA	10" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	119.02	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1294	EA	10" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	124.88	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1295	EA	10" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	130.72	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1296	EA	10" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	136.57	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1297	EA	10" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	144.39	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1298	EA	10" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	150.24	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1299	EA	10" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	156.08	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1300	EA	10" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	163.91	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1301	EA	10" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	169.75	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1302	EA	10" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	175.61	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1303	EA	12" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	106.54	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1304	EA	12" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	113.57	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1305	EA	12" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	120.58	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1306	EA	12" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	127.61	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1307	EA	12" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	136.57	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1308	EA	12" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	143.62	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1309	EA	12" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	150.65	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1310	EA	12" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	157.66	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1311	EA	12" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	166.64	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1312	EA	12" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	173.66	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1313	EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	180.67	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1314	EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	189.65	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1315	EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	196.69	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1316	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	203.71	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1317	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	121.35	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1318	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	129.56	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1319	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	137.75	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1320	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	145.94	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1321	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	156.08	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1322	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	164.29	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1323	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	172.48	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1324	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	180.67	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1325	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	190.83	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1326	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	199.02	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1327	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	207.21	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1328	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	217.36	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1329	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	225.58	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1330	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	233.77	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1331	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	166.22	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1332	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	178.50	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1333	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	190.77	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1334	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	203.05	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1335	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	217.27	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1336	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	229.54	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1337	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	241.83	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1338	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	254.10	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1339	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	268.32	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1340	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	280.59	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1341	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	292.86	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1342	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	307.09	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1343	EA	16" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	319.36	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1344	EA	16" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	331.63	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1345	EA	18" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	182.66	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1346	EA	18" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	196.44	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1347	EA	18" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	210.19	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1348	EA	18" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	223.97	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1349	EA	18" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	239.68	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1350	EA	18" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	253.44	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1351	EA	18" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	267.21	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1352	EA	18" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	280.98	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1353	EA	18" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	296.68	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1354	EA	18" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	310.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1355	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	324.25	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1356	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	339.95	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1357	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	353.73	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1358	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	367.49	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1359	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	201.42	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1360	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	216.75	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1361	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	232.02	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1362	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	247.35	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1363	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	264.57	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1364	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	279.87	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1365	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	295.17	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1366	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	310.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1367	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	327.74	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1368	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	343.02	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1369	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	358.31	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1370	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	375.57	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1371	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	390.86	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1372	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	406.17	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1373	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	218.26	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1374	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	235.10	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1375	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	251.92	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1376	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	268.74	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1377	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	287.53	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1378	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	304.35	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1379	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	321.18	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1380	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	338.00	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1381	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	356.80	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1382	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	373.62	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1383	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	390.45	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1384	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	409.22	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1385	EA	22" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	426.03	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1386	EA	22" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	442.88	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1387	EA	24" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	235.10	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1388	EA	24" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	253.44	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1389	EA	24" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	271.80	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1390	EA	24" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	290.16	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1391	EA	24" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	310.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1392	EA	24" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	328.82	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1393	EA	24" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	347.21	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1394	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	365.54	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1395	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	385.84	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1396	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	404.22	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1397	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	422.57	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1398	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	442.88	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1399	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	461.24	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1400	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	479.59	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1401 Stainless Base Material Kick Plate *(08 71 11 00-0763)*

08 71 11 00-1402 Satin Stainless Finish, Stainless Kick Plate *(08 71 11 00-1401)*

08 71 11 00-1403	EA	8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	45.34	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1404	EA	8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	46.82	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1405	EA	8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	48.26	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1406	EA	8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	49.75	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1407	EA	8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	53.15	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1408	EA	8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	54.59	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1409	EA	8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	56.09	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1410	EA	8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	57.54	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1411	EA	8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	60.96	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1412	EA	8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	62.42	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1413	EA	8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	63.88	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1414	EA	8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.29	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1415	EA	8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.76	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1416	EA	8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.21	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1417	EA	10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	49.36	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1418	EA	10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	51.20	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1419	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	53.03	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1420	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	54.85	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1421	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	58.64	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1422	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	60.47	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1423	EA	10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	62.29	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1424	EA	10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.10	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1425	EA	10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.91	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1426	EA	10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	69.73	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1427	EA	10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.54	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1428	EA	10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.34	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1429	EA	10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	77.17	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1430	EA	10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	78.98	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1431	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	53.40	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1432	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	55.59	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1433	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	57.78	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1434	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.98	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1435	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.10	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1436	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	66.31	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1437	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.49	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1438	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.70	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1439	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.83	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1440	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	77.03	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1441	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.24	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1442	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.37	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1443	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	85.58	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1444	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	87.76	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1445	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	59.37	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1446	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	61.93	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1447	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	64.50	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1448	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.05	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1449	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.54	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1450	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	74.11	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1451	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.67	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1452	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.24	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1453	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.76	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1454	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.29	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1455	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.86	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1456	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.38	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1457	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	95.94	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1458	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	98.51	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1459	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	65.50	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1460	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	68.77	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1461	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	71.90	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1462	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.03	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1463	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	80.10	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1464	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.24	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1465	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.37	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1466	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.49	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1467	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	94.57	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1468	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.72	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1469	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.86	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1470	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	106.19	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1471	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	109.05	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1472	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.19	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1473	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	69.07	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1474	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	72.53	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1475	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.96	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1476	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.40	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1477	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.80	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1478	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.23	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1479	EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	91.67	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1480	EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	95.10	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1481	EA	18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.51	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1482	EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	103.95	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1483	EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	107.38	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1484	EA	18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.78	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1485	EA	18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	116.24	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1486	EA	18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	119.67	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1487	EA	20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.23	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1488	EA	20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.05	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1489	EA	20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.89	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1490	EA	20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.69	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1491	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.48	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1492	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.31	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1493	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	100.11	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1494	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	103.95	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1495	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	109.72	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1496	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.55	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1497	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	117.39	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1498	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	123.14	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1499	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	126.98	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1500	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	130.80	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1501	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.43	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1502	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.66	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1503	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	87.84	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1504	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.07	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1505	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	98.20	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1506	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	102.42	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1507	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	106.62	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1508	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	110.83	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1509	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	116.98	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1510	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	121.19	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1511	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	125.42	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1512	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	131.55	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1513	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	135.78	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1514	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	139.96	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1515	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.66	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1516	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.23	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1517	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.84	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1518	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	97.41	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1519	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	103.95	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1520	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	108.54	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1521	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.13	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1522	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	117.72	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1523	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	124.26	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1524	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	128.85	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1525	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.43	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1526	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	139.96	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1527	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	144.56	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1528	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	149.17	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1529 Bright Stainless Finish, Stainless Kick Plate *(08 71 11 00-1401)*

08 71 11 00-1530	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	66.31	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1531	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	69.69	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1532	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	73.05	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1533	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	76.42	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1534	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	81.72	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1535	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.10	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1536	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	88.46	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1537	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	91.84	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1538	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	97.13	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1539	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	100.52	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1540	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	103.90	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1541	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	109.21	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1542	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	112.58	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1543	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	115.93	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1544	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	75.57	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1545	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	79.77	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1546	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	84.00	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1547	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	88.21	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1548	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	94.36	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1549	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	98.57	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1550	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	102.79	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1551	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	107.01	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1552	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	113.15	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1553	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	117.36	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1554	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	121.59	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1555	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	127.72	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1556	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.95	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1557	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	136.16	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1558	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	84.82	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1559	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	89.89	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1560	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	94.95	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1561	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	100.00	7.31
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1562	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	107.01	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1563	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	112.03	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1564	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	117.10	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1565	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	122.15	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1566	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	129.16	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1567	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	134.21	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1568	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	139.25	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1569	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	146.27	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1570	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	151.31	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1571	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	156.36	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1572	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	96.06	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1573	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	101.95	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1574	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	107.85	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1575	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	113.74	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1576	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	121.59	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1577	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	127.47	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1578	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	133.37	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1579	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	139.25	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1580	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	147.11	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1581	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	153.01	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1582	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	158.90	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1583	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	166.75	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1584	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	172.62	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1585	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	178.51	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1586	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	105.31	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1587	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	112.03	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1588	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	118.80	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1589	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	125.52	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1590	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	134.21	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1591	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	140.95	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1592	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	147.67	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1593	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	154.41	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1594	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	163.10	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1595	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	169.83	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1596	EA	16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	176.56	8.78
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1597	EA	16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	185.25	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1598	EA	16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	192.01	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1599	EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	198.74	9.26
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1600	EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	115.56	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1601	EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	123.26	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1602	EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	130.90	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1603	EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	138.59	7.80
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1604	EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	148.21	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1605	EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	155.85	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1606	EA	18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	163.55	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1607	EA	18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	175.57	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1608	EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	180.83	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1609	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.50	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1610	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	196.17	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1611	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	205.79	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1612	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	213.46	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1613	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	221.12	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1614	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	126.91	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1615	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	135.42	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1616	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	143.94	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1617	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	152.45	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1618	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	162.93	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1619	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	171.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1620	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	179.96	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1621	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.50	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1622	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	198.95	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1623	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	207.49	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1624	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	216.01	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1625	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	226.47	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1626	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	235.00	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1627	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	243.51	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1628	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	136.27	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1629	EA	22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	145.64	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1630	EA	22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	155.01	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1631	EA	22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	164.38	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1632	EA	22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	175.71	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1633	EA	22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	185.09	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1634	EA	22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	194.47	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1635	EA	22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	203.84	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1636	EA	22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	215.16	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1637	EA	22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	224.52	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1638	EA	22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	233.89	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1639	EA	22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	245.21	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1640	EA	22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	254.60	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1641	EA	22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	263.97	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1642	EA	24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	145.64	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1643	EA	24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	155.85	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1644	EA	24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	166.09	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1645	EA	24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	176.31	8.29
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1646	EA	24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.50	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1647	EA	24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	198.71	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1648	EA	24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	208.94	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1649	EA	24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	219.17	8.78
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1650	EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	231.35	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1651	EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	241.56	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1652	EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	251.80	9.26
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1653	EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	263.97	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1654	EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	274.21	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1655	EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	284.42	9.75
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1656 Plastic Kick Plate *(08 71 11 00-0763)*

08 71 11 00-1657 Clear Or Black Finish, Plastic Kick Plate *(08 71 11 00-1656)*

Note: With four beveled edges.

08 71 11 00-1658	EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	41.18	7.31
08 71 11 00-1659	EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	42.24	7.31
08 71 11 00-1660	EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	43.35	7.31
08 71 11 00-1661	EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	44.43	7.31
08 71 11 00-1662	EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	47.47	7.80
08 71 11 00-1663	EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	48.55	7.80
08 71 11 00-1664	EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	49.61	7.80
08 71 11 00-1665	EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	50.72	7.80
08 71 11 00-1666	EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.06	8.29
08 71 11 00-1667	EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	54.81	8.29
08 71 11 00-1668	EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.92	8.29
08 71 11 00-1669	EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.94	8.78
08 71 11 00-1670	EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.04	8.78
08 71 11 00-1671	EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.11	8.78
08 71 11 00-1672	EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	44.15	7.31
08 71 11 00-1673	EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	45.52	7.31
08 71 11 00-1674	EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	46.86	7.31
08 71 11 00-1675	EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	48.20	7.31
08 71 11 00-1676	EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	51.52	7.80
08 71 11 00-1677	EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	52.86	7.80
08 71 11 00-1678	EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	54.23	7.80
08 71 11 00-1679	EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.57	7.80
08 71 11 00-1680	EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.89	8.29
08 71 11 00-1681	EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.23	8.29
08 71 11 00-1682	EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.60	8.29
08 71 11 00-1683	EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.89	8.78
08 71 11 00-1684	EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.26	8.78
08 71 11 00-1685	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.60	8.78
08 71 11 00-1686	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	47.14	7.31
08 71 11 00-1687	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	48.77	7.31
08 71 11 00-1688	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	50.37	7.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1689	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	52.02	7.31
08 71 11 00-1690	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.57	7.80
08 71 11 00-1691	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.21	7.80
08 71 11 00-1692	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.85	7.80
08 71 11 00-1693	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.46	7.80
08 71 11 00-1694	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.02	8.29
08 71 11 00-1695	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.65	8.29
08 71 11 00-1696	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.29	8.29
08 71 11 00-1697	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.85	8.78
08 71 11 00-1698	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.49	8.78
08 71 11 00-1699	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.10	8.78
08 71 11 00-1700	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	52.06	7.80
08 71 11 00-1701	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	53.97	7.80
08 71 11 00-1702	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.85	7.80
08 71 11 00-1703	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.75	7.80
08 71 11 00-1704	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.60	8.29
08 71 11 00-1705	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.48	8.29
08 71 11 00-1706	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.39	8.29
08 71 11 00-1707	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.29	8.29
08 71 11 00-1708	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.12	8.78
08 71 11 00-1709	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.03	8.78
08 71 11 00-1710	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.93	8.78
08 71 11 00-1711	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.76	9.26
08 71 11 00-1712	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.66	9.26
08 71 11 00-1713	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.54	9.26
08 71 11 00-1714	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.61	7.80
08 71 11 00-1715	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.11	7.80
08 71 11 00-1716	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.57	7.80
08 71 11 00-1717	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.07	7.80
08 71 11 00-1718	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.52	8.29
08 71 11 00-1719	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.00	8.29
08 71 11 00-1720	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	75.50	8.29
08 71 11 00-1721	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.97	8.29
08 71 11 00-1722	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.42	8.78
08 71 11 00-1723	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.91	8.78
08 71 11 00-1724	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.41	8.78
08 71 11 00-1725	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.86	9.26
08 71 11 00-1726	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.32	9.26
08 71 11 00-1727	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.82	9.26
08 71 11 00-1728	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	62.02	7.80
08 71 11 00-1729	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.83	7.80
08 71 11 00-1730	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.62	7.80
08 71 11 00-1731	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.43	7.80
08 71 11 00-1732	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.36	8.29
08 71 11 00-1733	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.97	8.29
08 71 11 00-1734	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	80.79	8.29
08 71 11 00-1735	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.58	8.29
08 71 11 00-1736	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.34	8.78
08 71 11 00-1737	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.14	8.78
08 71 11 00-1738	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.93	8.78
08 71 11 00-1739	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	98.70	9.26
08 71 11 00-1740	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	101.49	9.26
08 71 11 00-1741	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.30	9.26
08 71 11 00-1742	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.40	8.29
08 71 11 00-1743	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.52	8.29
08 71 11 00-1744	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.62	8.29
08 71 11 00-1745	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.74	8.29
08 71 11 00-1746	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.80	8.78
08 71 11 00-1747	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.91	8.78
08 71 11 00-1748	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.03	8.78
08 71 11 00-1749	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.14	8.78
08 71 11 00-1750	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.20	9.26
08 71 11 00-1751	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	99.31	9.26
08 71 11 00-1752	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.42	9.26
08 71 11 00-1753	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.49	9.75
08 71 11 00-1754	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.60	9.75
08 71 11 00-1755	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	113.71	9.75
08 71 11 00-1756	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.83	8.29
08 71 11 00-1757	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.24	8.29
08 71 11 00-1758	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.67	8.29
08 71 11 00-1759	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.08	8.29
08 71 11 00-1760	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.47	8.78
08 71 11 00-1761	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.91	8.78
08 71 11 00-1762	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.31	8.78
08 71 11 00-1763	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.75	8.78
08 71 11 00-1764	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.10	9.26
08 71 11 00-1765	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.54	9.26
08 71 11 00-1766	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.97	9.26
08 71 11 00-1767	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.33	9.75
08 71 11 00-1768	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	117.76	9.75
08 71 11 00-1769	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.17	9.75
08 71 11 00-1770	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.24	8.29
08 71 11 00-1771	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.97	8.29
08 71 11 00-1772	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.72	8.29
08 71 11 00-1773	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.46	8.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1774	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.14	8.78
08 71 11 00-1775	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.87	8.78
08 71 11 00-1776	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	98.60	8.78
08 71 11 00-1777	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.35	8.78
08 71 11 00-1778	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.04	9.26
08 71 11 00-1779	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	111.76	9.26
08 71 11 00-1780	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.49	9.26
08 71 11 00-1781	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.17	9.75
08 71 11 00-1782	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	124.93	9.75
08 71 11 00-1783	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	128.66	9.75

08 71 11 00-1784 Mop Plate *(08 71 11 00-0762)*
Note: Ives 8400.

08 71 11 00-1785 Aluminum Base Material Mop Plate *(08 71 11 00-1784)*

08 71 11 00-1786 Satin Aluminum Finish, Aluminum Mop Plate *(08 71 11 00-1785)*

08 71 11 00-1787	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	36.72	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1788	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	37.49	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1789	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	38.23	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1790	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	39.00	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1791	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	40.94	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1792	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	41.68	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1793	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	42.45	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1794	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	43.19	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1795	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	45.62	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1796	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	46.37	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1797	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	47.13	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1798	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	49.83	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1799	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	50.60	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1800	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	51.34	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1801	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	40.88	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1802	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	42.02	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1803	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	43.16	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1804	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	44.30	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1805	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	46.61	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1806	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	47.73	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1807	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	48.89	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1808	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	50.01	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1809	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.82	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1810	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	53.95	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1811	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	55.10	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1812	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	58.18	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1813	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.33	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1814	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	60.45	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1815 Brass Base Material Mop Plate *(08 71 11 00-1784)*

08 71 11 00-1816 Bright/Satin Brass Finish, Brass Mop Plate *(08 71 11 00-1815)*

08 71 11 00-1817	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	52.72	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1818	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	54.96	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1819	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	57.16	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1820	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	59.39	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1821	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	62.76	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1822	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	64.97	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1823	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	67.19	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1824	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	69.40	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1825	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	73.28	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1826	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	75.49	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1827	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	77.70	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1828	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	81.87	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1829	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	84.08	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1830	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	86.31	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1831	EA	6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	64.92	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1832	EA	6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	68.23	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1833	EA	6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	71.56	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1834	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	74.87	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1835	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	79.36	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1836	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	82.70	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1837	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	86.00	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1838	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	89.34	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1839	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	94.30	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1840	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	97.64	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1841		EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	100.96	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1842		EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	106.23	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1843		EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	109.55	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1844		EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	112.86	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1845 Bright/Satin Chrome Finish, Brass Mop Plate *(08 71 11 00-1815)*

08 71 11 00-1846		EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	55.03	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1847		EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	57.44	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1848		EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	59.87	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1849		EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	62.29	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1850		EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	65.87	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1851		EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	68.30	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1852		EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	70.72	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1853		EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	73.13	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1854		EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	77.22	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1855		EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	79.66	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1856		EA	4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	82.08	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1857		EA	4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	86.46	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1858		EA	4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	88.87	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1859		EA	4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	91.30	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1860		EA	6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	68.35	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1861		EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	71.96	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1862		EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	75.61	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1863		EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	79.25	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1864		EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	84.04	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1865		EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	87.69	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1866		EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	91.30	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1867		EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	94.95	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1868		EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	100.25	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1869		EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	103.87	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1870		EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	107.51	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1871	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	113.08	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1872	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	116.73	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1873	EA	6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate	120.36	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1874 Satin/Dark Bronze Finish, Brass Mop Plate *(08 71 11 00-1815)*

08 71 11 00-1875	EA	4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	55.47	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1876	EA	4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	57.92	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1877	EA	4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	60.39	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1878	EA	4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	62.84	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1879	EA	4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	66.48	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1880	EA	4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	68.95	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1881	EA	4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	71.42	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1882	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	73.89	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1883	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	77.99	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1884	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	80.46	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1885	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	82.93	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1886	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	87.35	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1887	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	89.81	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1888	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	92.25	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1889	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	69.00	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1890	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	72.72	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1891	EA	6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	76.41	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1892	EA	6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	87.29	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1893	EA	6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	84.96	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1894	EA	6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	88.64	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1895	EA	6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	92.33	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1896	EA	6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	96.02	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1897	EA	6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	101.40	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1898	EA	6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	105.09	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1899	EA	6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	108.78	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1900	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	114.42	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1901	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	118.10	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1902	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	121.79	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1903		Satin Nickel Finish, Brass Mop Plate *(08 71 11 00-1815)*		
08 71 11 00-1904	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	55.99	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1905	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	58.47	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1906	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	61.00	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1907	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	63.51	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1908	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	67.19	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1909	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	69.69	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1910	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	72.20	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1911	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	74.72	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1912	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	78.90	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1913	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	81.40	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1914	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	83.90	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1915	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	88.38	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1916	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	90.89	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1917	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	93.37	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1918	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	69.79	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1919	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	73.55	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1920	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	77.31	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1921	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	81.07	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1922	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	86.00	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1923	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	89.76	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1924	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	93.52	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1925	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	97.30	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1926	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	102.72	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1927	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	106.50	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1928	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	110.26	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1929	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	115.97	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1930	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	119.73	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1931	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	123.51	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1932 Stainless Base Material Mop Plate *(08 71 11 00-1784)*

08 71 11 00-1933 Satin Stainless Finish, Stainless Mop Plate *(08 71 11 00-1932)*

08 71 11 00-1934	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	37.25	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1935	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	38.04	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1936	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	38.85	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1937	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	39.65	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1938	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	41.63	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1939	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	42.45	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1940	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	43.23	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1941	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	44.04	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1942	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	46.50	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1943	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	47.32	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1944	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	48.13	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1945	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	50.86	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1946	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	51.68	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1947	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	52.48	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1948	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	41.65	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1949	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	42.87	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1950	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	44.08	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1951	EA	6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	45.30	7.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1952	EA	6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	47.66	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1953	EA	6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	48.87	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1954	EA	6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	50.09	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1955	EA	6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	51.29	7.41
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1956	EA	6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	54.17	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1957	EA	6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	55.36	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1958	EA	6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	56.57	7.80
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1959	EA	6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	59.74	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1960	EA	6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	60.93	8.29
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1961		EA	6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	62.15	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1962 Bright Stainless Finish, Stainless Mop Plate *(08 71 11 00-1932)*

08 71 11 00-1963		EA	4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	48.07	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1964		EA	4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	49.87	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1965		EA	4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	51.67	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1966		EA	4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	53.45	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1967		EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	56.42	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1968		EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	58.20	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1969		EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	60.00	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1970		EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	61.81	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1971		EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	65.24	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1972		EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	67.04	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1973		EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	68.84	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1974		EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	72.58	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1975		EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	74.38	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1976		EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	76.15	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1977		EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	57.92	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1978		EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	60.64	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1979		EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	63.32	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1980		EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	66.01	7.12
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1981		EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	69.85	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1982		EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	72.54	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1983		EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	75.22	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1984		EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	77.91	7.41
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1985		EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	82.27	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1986		EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	84.96	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1987		EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	87.65	7.80
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1988		EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	92.28	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1989		EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	94.96	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1990		EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	97.64	8.29
			For Four Beveled Edges, Add	*1.76*	
			For UL Label (Fire Rated), Add	*11.40*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1991		Plastic Mop Plate *(08 71 11 00-1784)*		
08 71 11 00-1992		Clear Or Black Finish, Plastic Mop Plate *(08 71 11 00-1991)* Note: With four beveled edges.		
08 71 11 00-1993	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	35.76	7.12
08 71 11 00-1994	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	36.43	7.12
08 71 11 00-1995	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	37.11	7.12
08 71 11 00-1996	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	37.78	7.12
08 71 11 00-1997	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	39.61	7.41
08 71 11 00-1998	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	40.28	7.41
08 71 11 00-1999	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	40.95	7.41
08 71 11 00-2000	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	41.63	7.41
08 71 11 00-2001	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	43.96	7.80
08 71 11 00-2002	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	44.63	7.80
08 71 11 00-2003	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	45.30	7.80
08 71 11 00-2004	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	47.92	8.29
08 71 11 00-2005	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	48.60	8.29
08 71 11 00-2006	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	49.27	8.29
08 71 11 00-2007	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	39.45	7.12
08 71 11 00-2008	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	40.46	7.12
08 71 11 00-2009	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	41.47	7.12
08 71 11 00-2010	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	42.47	7.12
08 71 11 00-2011	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	44.65	7.41
08 71 11 00-2012	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	45.66	7.41
08 71 11 00-2013	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	46.66	7.41
08 71 11 00-2014	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	47.66	7.41
08 71 11 00-2015	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	50.34	7.80
08 71 11 00-2016	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	51.34	7.80
08 71 11 00-2017	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	52.34	7.80
08 71 11 00-2018	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	55.31	8.29
08 71 11 00-2019	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	56.31	8.29
08 71 11 00-2020	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	57.31	8.29
08 71 11 00-2021		Armor Door Plate *(08 71 11 00-0762)* Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 11 00-2022	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	16.96	1.22
08 71 11 00-2023	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	15.88	0.96
08 71 11 00-2024	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	18.65	1.22
08 71 11 00-2025	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	17.57	0.96
08 71 11 00-2026	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	35.56	1.22
08 71 11 00-2027	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	34.48	0.96
08 71 11 00-2028		Pull Handle And Plates *(08 71 11 00-0762)*		
08 71 11 00-2029		Pull Handle *(08 71 11 00-2028)*		
08 71 11 00-2030	EA	3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6)	44.38	8.04
		For Stainless Steel, Add	*5.12*	
		For Brass, Add	*6.95*	
08 71 11 00-2031	EA	3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8)	45.96	8.04
		For Stainless Steel, Add	*5.78*	
		For Brass, Add	*7.85*	
08 71 11 00-2032	EA	3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10)	48.45	8.04
		For Stainless Steel, Add	*6.83*	
		For Brass, Add	*9.27*	
08 71 11 00-2033	EA	1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8)	49.84	8.04
		For Stainless Steel, Add	*7.41*	
		For Brass, Add	*10.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2034	EA	1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10)	52.34	8.04
		For Stainless Steel, Add	*8.46*	
		For Brass, Add	*11.49*	
08 71 11 00-2035	EA	1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12)	55.58	8.04
		For Stainless Steel, Add	*9.82*	
		For Brass, Add	*13.33*	
08 71 11 00-2036	EA	1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6)	46.08	8.04
		For Stainless Steel, Add	*5.83*	
		For Brass, Add	*7.92*	
08 71 11 00-2037	EA	1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8)	49.53	8.04
		For Stainless Steel, Add	*7.28*	
		For Brass, Add	*9.88*	
08 71 11 00-2038	EA	1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10)	50.10	8.04
		For Stainless Steel, Add	*7.52*	
		For Brass, Add	*10.21*	
08 71 11 00-2039	EA	1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8)	84.95	8.04
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*9.97*	
		For Brass, Add	*9.18*	
08 71 11 00-2040	EA	1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0)	87.09	8.04
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*10.38*	
		For Brass, Add	*9.55*	
08 71 11 00-2041	EA	1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2)	91.38	8.04
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*11.19*	
		For Brass, Add	*10.30*	
08 71 11 00-2042	EA	1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18)	116.23	8.04
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*15.88*	
		For Brass, Add	*14.62*	

08 71 11 00-2043 Pull Plate *(08 71 11 00-2028)*

08 71 11 00-2044	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302)	59.12	6.09
		For Stainless Steel, Add	*20.50*	
		For Brass, Add	*26.06*	
08 71 11 00-2045	EA	6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	63.08	6.09
		For Stainless Steel, Add	*22.83*	
		For Brass, Add	*29.03*	
08 71 11 00-2046	EA	4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	60.33	6.09
		For Stainless Steel, Add	*21.21*	
		For Brass, Add	*26.96*	

08 71 11 00-2047 Push Bars And Plates *(08 71 11 00-0762)*

08 71 11 00-2048 Push Bars *(08 71 11 00-2047)*

08 71 11 00-2049	EA	3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate Note: Up to 34" wide. All finishes.	164.66	6.09
08 71 11 00-2050	EA	3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	142.02	6.09
		For Brass Push Bar, Add	*20.47*	
08 71 11 00-2051	EA	1" Diameter Stainless Steel Push Bar, Up To 34" Wide	146.95	6.09
		For Brass Push Bar, Add	*21.33*	
08 71 11 00-2052	EA	1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	269.53	6.09
		For Brass Push Bar, Add	*42.66*	

08 71 11 00-2053 Push Plates *(08 71 11 00-2047)*

08 71 11 00-2054 Aluminum Push Plates *(08 71 11 00-2053)*

08 71 11 00-2055 Clear Anodized Finish, Aluminum Push Plates *(08 71 11 00-2054)*

Note: Ives 8200 Series.

08 71 11 00-2056	EA	3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware	33.11	6.09
08 71 11 00-2057	EA	4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	33.11	6.09
08 71 11 00-2058	EA	6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	33.11	6.09
08 71 11 00-2059	EA	8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	35.32	6.09

08 71 11 00-2060 Stainless Steel Push Plates *(08 71 11 00-2053)*

08 71 11 00-2061 Satin Finish, Stainless Steel Push Plates *(08 71 11 00-2060)*

Note: Ives 8200 Series.

08 71 11 00-2062	EA	3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware	33.11	6.09
08 71 11 00-2063	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	34.81	6.09
08 71 11 00-2064	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	38.69	6.09
08 71 11 00-2065	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	44.42	6.09

08 71 11 00-2066 Brass Push Plates *(08 71 11 00-2053)*

08 71 11 00-2067 Bright/Satin Brass Finish, Brass Push Plates *(08 71 11 00-2066)*

Note: Ives 8200 Series.

08 71 11 00-2068	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	38.29	6.09
08 71 11 00-2069	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	42.65	6.09
08 71 11 00-2070	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	53.15	6.09
08 71 11 00-2071	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	60.05	6.09

08 71 11 00-2072 Bright/Satin Chrome Finish, Brass Push Plates *(08 71 11 00-2066)*

Note: Ives 8200 Series.

08 71 11 00-2073	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	41.78	6.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2074	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	45.32	6.09
08 71 11 00-2075	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	54.94	6.09
08 71 11 00-2076	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	64.42	6.09
08 71 11 00-2077		Satin/Dark Bronze Finish, Brass Push Plates *(08 71 11 00-2066)*		
		Note: Ives 8200 Series.		
08 71 11 00-2078	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	41.78	6.09
08 71 11 00-2079	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	45.32	6.09
08 71 11 00-2080	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	56.64	6.09
08 71 11 00-2081	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	65.36	6.09
08 71 11 00-2082		Satin Nickel Finish, Brass Push Plates *(08 71 11 00-2066)*		
		Note: Ives 8200 Series.		
08 71 11 00-2083	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	41.78	6.09
08 71 11 00-2084	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	46.21	6.09
08 71 11 00-2085	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	59.32	6.09
08 71 11 00-2086	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	68.05	6.09
08 71 11 00-2087		Exit Devices *(08 71 11)*		
08 71 11 00-2088		Push Bar Exit Device, Von Duprin Series 22 *(08 71 11 00-2087)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2089	EA	3' Push Bar Exit Device, Rim Type	619.94	109.72
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22.		
		For 4' Push Bar, Add	*13.00*	
08 71 11 00-2090	EA	3' Push Bar Exit Device, Rim Type, Fire Rated	684.71	109.72
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22-F.		
		For 4' Push Bar, Add	*13.00*	
08 71 11 00-2091	EA	3' Push Bar Exit Device, Surface Vertical Rods	888.13	131.66
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227.		
		For 4' Push Bar, Add	*13.00*	
08 71 11 00-2092	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated	1,049.46	121.91
		Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227-F.		
		For 4' Push Bar, Add	*13.00*	
08 71 11 00-2093	EA	Dummy Trim (210DT), Von Duprin Series 22	85.37	18.29
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2094	EA	Night Latch Trim (210NL) With Cylinder, Von Duprin Series 22	184.04	24.38
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2095	EA	Knob Trim (210K) With Cylinder, Von Duprin Series 22	335.78	36.57
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2096	EA	Lever Trim (230L) With Cylinder, Von Duprin Series 22	332.80	36.57
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2097	EA	Thumbpiece Trim (230TP) With Cylinder, Von Duprin Series 22	332.05	36.57
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2098	EA	Knob - Blank Escutcheon (210K-BE), Von Duprin Series 22	262.58	36.57
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2099	EA	Exit Only Trim Plate (230EO), Von Duprin Series 22	106.23	14.63
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2100	EA	Dummy Trim (230DT), Von Duprin Series 22	123.46	18.29
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2101	EA	Night Latch Trim (230NL) With Cylinder, Von Duprin Series 22	223.63	24.38
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2102	EA	Lever - Blank Escutcheon (230L-BE), Von Duprin Series 22	259.60	36.57
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2103	EA	Thumbpiece - Blank Escutcheon (230TP-BE), Von Duprin Series 22	258.85	36.57
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2104		Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35 *(08 71 11 00-2087)*		
		Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08 71 11 00-2105	EA	3' Push Bar Exit Device, Rim Type, Narrow Stile	1,125.39	109.72
		Note: Aluminum anodized finish. Von Duprin Series 33/35.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*85.28*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*163.65*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*31.65*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*243.18*	
08 71 11 00-2106	EA	3' Push Bar Exit Device, Surface Vertical Rods, Narrow Stile	1,522.25	131.66
		Note: Aluminum anodized finish. Von Duprin Series 3327/3527.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*119.93*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*230.13*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*44.50*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*341.98*	
08 71 11 00-2107	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated, Narrow Stile	1,550.63	131.66
		Note: Aluminum anodized finish. Von Duprin Series 3327-F/3527-F.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*122.83*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*235.71*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*45.58*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*350.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2108	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Narrow Stile	1,586.34	151.17
		Note: Aluminum anodized finish. Von Duprin Series 3347/3547.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*121.00*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*232.19*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*44.90*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*345.03*	
08 71 11 00-2109	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Narrow Stile	1,659.54	151.17
		Note: Aluminum anodized finish. Von Duprin Series 3347-F/3547-F.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*128.49*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*246.57*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*47.68*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*366.40*	
08 71 11 00-2110	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Narrow Stile	1,761.86	151.17
		Note: Aluminum anodized finish. Von Duprin Series 3348/3548.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*138.97*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*266.68*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*51.57*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*396.28*	
08 71 11 00-2111	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Narrow Stile	1,835.06	151.17
		Note: Aluminum anodized finish. Von Duprin Series 3348-F/3548-F.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*146.47*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*281.06*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*54.35*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*417.66*	
08 71 11 00-2112	EA	Dummy Trim (DT), Von Duprin Series 33/35	248.94	18.29
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*39.33*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*7.61*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*58.45*	
08 71 11 00-2113	EA	Night Latch Less Pull (NL-OP With Cylinder, Von Duprin Series 33/35	314.75	24.38
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*48.43*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*71.97*	
08 71 11 00-2114	EA	Night Latch (NL) With Cylinder, Von Duprin Series 33/35	494.75	24.38
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*83.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.21*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*124.53*	
08 71 11 00-2115	EA	Lever Trim (360L) With Cylinder, Von Duprin Series 33/35	621.85	36.57
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*103.03*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*19.92*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*153.10*	
08 71 11 00-2116	EA	Lever - Blank Escutcheon (360L-BE) With Cylinder, Von Duprin Series 33/35	597.95	36.57
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*98.33*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*19.02*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*146.13*	
08 71 11 00-2117	EA	Lever Dummy Trim (360L-DT) With Cylinder, Von Duprin Series 33/35	586.74	36.57
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*96.13*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*18.59*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*142.85*	
08 71 11 00-2118	EA	Thumbturn Trim (360T) With Cylinder, Von Duprin Series 33/35	591.97	36.57
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*97.16*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*18.79*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*144.38*	

08 71 11 00-2119 Push Bar Exit Device, Von Duprin Series 98/99 *(08 71 11 00-2087)*

Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.

08 71 11 00-2120	EA	3' Push Bar Exit Device, Rim Type, Von Duprin Series 98/99	1,001.40	109.72
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*43.24*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*68.76*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*109.87*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*224.70*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*70.88*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*104.20*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2121	EA	3' Push Bar Exit Device, Rim Type, Fire Rated, Von Duprin Series 98-F/99-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,125.39	109.72
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*50.80*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*80.78*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*129.09*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*264.00*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*83.28*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*122.42*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2122	EA	3' Push Bar Exit Device, Rim Type, Von Duprin Series XP98/XP99 Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,084.30	109.72
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*48.29*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*76.80*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*122.72*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*250.98*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*79.17*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*116.38*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2123	EA	3' Push Bar Exit Device, Rim Type, Fire Rated, Von Duprin Series XP98-F/XP99-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,205.30	109.72
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*55.68*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*88.53*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*141.47*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*289.33*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*91.27*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*134.17*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2124	EA	3' Push Bar Exit Device, Surface Vertical Rods, Von Duprin Series 9827/9927 Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,409.47	131.66
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*64.56*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*102.66*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*164.05*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*335.50*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*105.84*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*155.58*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2125	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated, Von Duprin Series 9827-F/9927-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,577.53	131.66
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*74.81*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*118.96*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*190.10*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*388.78*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*122.64*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*180.29*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2126	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Von Duprin Series 9847/9947 Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,490.74	151.17
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*101.00*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*105.34*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*168.33*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*344.27*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*108.60*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*159.64*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2127	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Von Duprin Series 9847-F/9947-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,662.53	151.17
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*116.98*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*122.01*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*194.96*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*398.72*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*125.78*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*184.90*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2128	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Von Duprin Series 9848/9948 Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,666.26	151.17
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*117.32*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*122.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*195.54*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*399.91*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*126.15*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*185.44*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2129	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Von Duprin Series 9848-F/9948-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,838.05	151.17
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*133.30*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*139.03*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*222.16*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*454.36*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*143.33*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*210.70*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2130	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Rods, Von Duprin Series 9847WDC/9947WDC Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,615.47	151.17
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*112.60*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*117.44*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*187.66*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*383.80*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*121.07*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*177.98*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2131	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Rods, Fire Rated, Von Duprin Series 9847WDC-F/9947WDC-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,808.92	151.17
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*130.59*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*136.21*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*217.65*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*445.13*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*140.42*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*206.42*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2132	EA	3' Push Bar Exit Device, Surface Three Point Latch, Von Duprin Series 9857/9957 Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,736.62	131.66
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*84.52*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*134.40*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*214.76*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*439.21*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*138.55*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*203.67*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2133	EA	3' Push Bar Exit Device, Surface Three Point Latch, Fire Rated, Von Duprin Series 9857-F/9957-F	1,847.91	131.66
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*91.31*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*145.19*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*232.01*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*474.49*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*149.68*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*220.03*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2134	EA	3' Push Bar Exit Device, Mortise Lock, Von Duprin Series 9875/9975	1,401.70	136.54
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*38.33*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*100.49*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*160.58*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*328.40*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*103.60*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*152.29*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2135	EA	3' Push Bar Exit Device, Mortise Lock, Fire Rated, Von Duprin Series 9875-F/9975-F	1,527.92	136.54
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*43.00*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*112.73*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*180.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*368.41*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*116.22*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*170.84*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2136	EA	3' Push Bar Exit Device, Concealed Vertical Cable, Von Duprin Series 9849/9949	1,543.76	151.17
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*105.93*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*110.49*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*176.55*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*361.07*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*113.90*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*167.44*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2137	EA	3' Push Bar Exit Device, Concealed Vertical Cable, Fire Rated, Von Duprin Series 9849-F/9949-F	1,669.24	151.17
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*117.60*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*122.66*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*196.00*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*400.85*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*126.45*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*185.88*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2138	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Cable, Von Duprin Series 9849WDC/9949WDC	1,673.72	151.17
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*118.02*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*123.09*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*196.69*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*402.27*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*126.90*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*186.54*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2139	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Cable, Fire Rated, Von Duprin Series 9849WDC-F/9949WDC-F	1,897.80	151.17
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*138.86*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*144.83*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*231.43*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*473.30*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*149.31*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*219.48*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Cylinder Dogging Indicator (CI), Add	*131.65*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2140	EA	3' Push Bar Exit Device, Chexit Delayed Egress, Von Duprin Series CX98/CX99	2,136.16	126.78
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*278.20*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*568.96*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*179.48*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*66.77*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*75.02*	
		For Center Case Dogging (CD-CX), Add	*213.53*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2141	EA	3' Push Bar Exit Device, Chexit Delayed Egress, Fire Rated, Von Duprin Series CX98-F/CX99-F	2,260.15	126.78
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*297.42*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*608.26*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*191.88*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*71.38*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*80.21*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2142	EA	3' Push Bar Exit Device, Mortise Chexit Delayed Egress, Von Duprin Series CX9875/CX9975	2,546.21	156.04
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*328.91*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*672.66*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*212.20*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*78.94*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*88.70*	
		For Center Case Dogging (CD-CX), Add	*213.53*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2143	EA	3' Push Bar Exit Device, Mortise Chexit Delayed Egress, Fire Rated, Von Duprin Series CX9875-F/CX9975-F	2,672.44	156.04
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*348.47*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*712.68*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*224.82*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*83.63*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*93.97*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2144	EA	3' Push Bar Exit Device, Electric Latch Retraction, Von Duprin Series E98/E99	1,404.19	126.78
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*164.74*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*336.92*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*106.29*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*39.54*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*61.01*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2145	EA	3' Push Bar Exit Device, Electric Latch Retraction, Fire Rated, Von Duprin Series E98-F/E99-F	1,528.18	126.78
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*183.96*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*376.23*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*118.68*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*44.15*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*68.12*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2146	EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction, Von Duprin Series E9875/E9975	1,814.24	156.04
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*215.45*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*440.63*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*139.00*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*51.71*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*79.79*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*47.24*	
		For Special Center Case Dogging (SD), Add	*197.79*	
		For Dogging Indicator (DI), Add	*120.94*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2147	EA	3' Push Bar Exit Device, Mortise Electric Latch Retraction, Fire Rated, Von Duprin Series E9875-F/E9975-F	1,940.46	156.04
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*235.01*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*480.64*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*151.62*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*56.40*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*87.03*	
		For Quiet Electric Latch Retraction (QEL), Add	*381.09*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*61.10*	
		For Safety Glow Touchpad, Add	*220.46*	
08 71 11 00-2148	EA	Exit Only Trim Plate (EO), Von Duprin Series 98/99	118.38	14.63
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*2.38*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*3.57*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*13.49*	
08 71 11 00-2149	EA	Dummy Trim (990DT), Von Duprin Series 98/99	172.23	18.29
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*3.70*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*5.56*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*20.99*	
08 71 11 00-2150	EA	Night Latch (990NL) Pull Trim With 110NL Cylinder, Von Duprin Series 98/99	273.74	24.38
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.16*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*34.93*	
08 71 11 00-2151	EA	Night Latch (990NL) Pull Trim Without Cylinder, Von Duprin Series 98/99	200.55	24.38
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*3.97*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*5.95*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*22.49*	
08 71 11 00-2152	EA	Lever Trim (996L) With 110NL Cylinder, Von Duprin Series 98/99	456.06	36.57
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.76*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.13*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*60.95*	
08 71 11 00-2153	EA	Lever Trim (996L) Without Cylinder, Von Duprin Series 98/99	382.86	36.57
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.56*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.84*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*48.51*	
08 71 11 00-2154	EA	Lever - Blank Escutcheon (996L-BE), Von Duprin Series 98/99	382.86	36.57
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.56*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.84*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*48.51*	
08 71 11 00-2155	EA	Lever - Night Latch (996L-NL) With 110NL Cylinder, Von Duprin Series 98/99	393.07	36.57
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.87*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.30*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*50.24*	
08 71 11 00-2156	EA	Lever - Night Latch (996L-NL) Without Cylinder, Von Duprin Series 98/99	319.87	36.57
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.67*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.01*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*37.80*	
08 71 11 00-2157	EA	Lever Dummy Trim (996L-DT), Von Duprin Series 98/99	319.87	36.57
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.67*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.01*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*37.80*	
08 71 11 00-2158	EA	Knob Trim (K) With 110NL Cylinder, Von Duprin Series 98/99	383.00	36.57
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.56*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.85*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*48.53*	
08 71 11 00-2159	EA	Knob Trim (K) Without Cylinder, Von Duprin Series 98/99	309.80	36.57
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.55*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*36.09*	
08 71 11 00-2160	EA	Knob - Blank Escutcheon (K-BE), Von Duprin Series 98/99	309.80	36.57
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.55*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*36.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2161	EA	Knob - Night Latch (K-NL) With 110NL Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	377.33	36.57
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.39*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.59*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*47.57*	
08 71 11 00-2162	EA	Knob - Night Latch (K-NL) Without Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	304.13	36.57
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.20*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.30*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*35.12*	
08 71 11 00-2163	EA	Knob Dummy Trim (K-DT) Without Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	304.13	36.57
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.20*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.30*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*35.12*	
08 71 11 00-2164	EA	Thumbpiece Trim (TP) With 110NL Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	346.46	36.57
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*7.47*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*11.20*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*42.32*	
08 71 11 00-2165	EA	Thumbpiece Trim (TP) Without Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	273.26	36.57
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*5.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*7.91*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*29.88*	
08 71 11 00-2166	EA	Thumbpiece - Blank Escutcheon (T-BE), Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	273.26	36.57
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*5.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*7.91*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*29.88*	
08 71 11 00-2167	EA	Push/Pull Hospital Latch Trim (HL) With 110NL Cylinder, Von Duprin Series 98/99 Note: Satin chrome plated US26D (BHMA 626) finish.	293.20	36.57
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*5.87*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*8.81*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*33.27*	

08 71 11 00-2168 Option And Kits For Series 22, 33, 35, 98 Or 99 *(08 71 11 00-2087)*

08 71 11 00-2169	EA	Alarm Kit With Switch And 9 Volt Battery Back-up	748.06	36.57
08 71 11 00-2170	EA	4 Amp Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914)	463.34	36.57
		For Battery Backup (Includes Board And 2 Batteries), Add	*82.72*	
		For Fire Alarm Interface, Add	*41.36*	
		For 2 Relay Panic Device Control Board, Add	*95.96*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*112.50*	
		For 4 Relay Output Board, Add	*92.65*	
		For 4 Relay Logic Board, Add	*254.10*	
		For Fused 8 Zone Distribution Board, Add	*33.09*	
08 71 11 00-2171	EA	Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10)	434.94	36.57
08 71 11 00-2172	EA	2 Amp Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS902) Note: 2A@12/24 VDC	254.49	36.57
		For Battery Backup (Includes Board And 2 Batteries), Add	*82.72*	
		For Fire Alarm Interface, Add	*41.36*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*112.50*	
		For 4 Relay Output Board, Add	*92.65*	
		For 4 Relay Logic Board, Add	*254.10*	
		For Fused 8 Zone Distribution Board, Add	*33.09*	
08 71 11 00-2173	EA	4 Amp Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS904) Note: 4A@12/24 VDC	393.39	36.57
		For Battery Backup (Includes Board And 2 Batteries), Add	*82.72*	
		For Fire Alarm Interface, Add	*41.36*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*112.50*	
		For 4 Relay Output Board, Add	*92.65*	
		For 4 Relay Logic Board, Add	*254.10*	
		For Fused 8 Zone Distribution Board, Add	*33.09*	
08 71 11 00-2174	EA	Request to Exit Push Pad Monitor Switch (RX)	169.08	24.38

08 71 11 00-2175 Removable Verticals, Mullions (Von Duprin) *(08 71 11 00-2087)*

08 71 11 00-2176	EA	7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72) Note: For use with Von Duprin Panic rim devices.	441.10	24.38
		For Owner Furnished Material, Deduct	*-343.58*	
08 71 11 00-2177	EA	8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82) Note: For use with Von Duprin Panic rim devices.	467.98	24.38
		For Owner Furnished Material, Deduct	*-370.46*	
08 71 11 00-2178	EA	10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102) Note: For use with Von Duprin Panic rim devices.	758.02	24.38
		For Owner Furnished Material, Deduct	*-660.50*	
08 71 11 00-2179	EA	7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76) Note: For use with Von Duprin Panic rim devices.	747.42	29.26
		For Owner Furnished Material, Deduct	*-630.39*	
08 71 11 00-2180	EA	8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86) Note: For use with Von Duprin Panic rim devices.	774.31	29.26
		For Owner Furnished Material, Deduct	*-657.28*	
08 71 11 00-2181	EA	10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106) Note: For use with Von Duprin Panic rim devices.	833.31	29.26
		For Owner Furnished Material, Deduct	*-716.28*	
08 71 11 00-2182	EA	7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73) Note: For use with Von Duprin Panic rim devices.	629.32	24.38
		For Owner Furnished Material, Deduct	*-531.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2183	EA	8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83) Note: For use with Von Duprin Panic rim devices.	656.95	24.38
		For Owner Furnished Material, Deduct	*-559.43*	
08 71 11 00-2184	EA	10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103) Note: For use with Von Duprin Panic rim devices.	712.97	24.38
		For Owner Furnished Material, Deduct	*-615.45*	
08 71 11 00-2185	EA	7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75) Note: For use with Von Duprin Panic rim devices.	964.77	29.26
		For Owner Furnished Material, Deduct	*-847.74*	
08 71 11 00-2186	EA	8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85) Note: For use with Von Duprin Panic rim devices.	992.40	29.26
		For Owner Furnished Material, Deduct	*-875.37*	
08 71 11 00-2187	EA	10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105) Note: For use with Von Duprin Panic rim devices.	1,860.84	29.26
		For Owner Furnished Material, Deduct	*-1,743.81*	
08 71 11 00-2188	EA	Mullion Stabilizer Set (Von Duprin 154) Note: For use with Von Duprin Panic rim devices.	95.03	19.51
		For Owner Furnished Material, Deduct	*-56.02*	

08 71 11 00-2189 Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 *(08 71 11 00-2087)*

Note: Grade 1, BHMA 156.3.

08 71 11 00-2190	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.	1,719.17	109.72
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*179.75*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*206.86*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*272.48*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*296.73*	
08 71 11 00-2191	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547.	2,217.48	151.17
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*228.41*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*262.85*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*346.24*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*377.05*	
08 71 11 00-2192	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F.	2,419.89	151.17
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*253.91*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*292.20*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*384.90*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*419.15*	
08 71 11 00-2193	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC.	2,267.52	151.17
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*234.71*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*270.10*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*355.79*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*387.46*	
08 71 11 00-2194	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F.	2,463.96	151.17
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*259.46*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*298.59*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*393.31*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*428.32*	
08 71 11 00-2195	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575.	1,726.59	136.54
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*171.47*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*197.32*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*259.92*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*283.06*	
08 71 11 00-2196	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F.	1,858.80	136.54
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*188.13*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*216.50*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*285.18*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*310.56*	
08 71 11 00-2197	EA	Dummy Trim (DT) Pull Bracket, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	294.51	18.29
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*30.96*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*35.63*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*46.94*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*51.11*	
08 71 11 00-2198	EA	Cylinder Assembly, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	137.73	25.84
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*8.75*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*10.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*13.27*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*14.45*	
08 71 11 00-2199	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	495.50	25.84
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*53.83*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*61.95*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*81.60*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*88.86*	
08 71 11 00-2200	EA	Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	533.72	36.57
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*54.96*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*63.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*83.31*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*90.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2201	EA	Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55	436.61	36.57
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*42.73*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*49.17*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*64.77*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*70.53*	
08 71 11 00-2202	EA	Lever Trim (371L) With Cylinder, Von Duprin Series 55	533.72	36.57
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*54.96*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*63.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*83.31*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*90.73*	
08 71 11 00-2203	EA	Lever Trim (575L) With Cylinder, Von Duprin Series 55	612.89	36.57
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*64.94*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*74.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*98.44*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*107.20*	
08 71 11 00-2204		Cross Bar Exit Device, Von Duprin Series 88 *(08 71 11 00-2087)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2205	EA	42" Crossbar Exit Device, Rim Type	1,101.48	109.72
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*25.08*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*25.88*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*220.83*	
08 71 11 00-2206	EA	42" Crossbar Exit Device, Rim Type, Fire Rated	1,280.00	109.72
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*30.61*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*31.60*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*269.57*	
08 71 11 00-2207	EA	42" Crossbar Exit Device, Surface Vertical Rods	1,422.17	131.66
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*33.20*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*34.27*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*292.40*	
08 71 11 00-2208	EA	42" Crossbar Exit Device, Surface Vertical Rods, Fire Rated	1,808.31	131.66
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*45.17*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*46.63*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*397.82*	
08 71 11 00-2209	EA	42" Crossbar Exit Device, Concealed Vertical Rods	1,378.62	151.17
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*30.19*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*31.16*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*265.87*	
08 71 11 00-2210	EA	42" Crossbar Exit Device, Concealed Vertical Rods, Fire Rated	1,729.75	151.17
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*41.08*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*42.40*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*361.73*	
08 71 11 00-2211	EA	42" Crossbar Exit Device, Mortise Lock	1,471.15	136.54
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*34.27*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*35.37*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*301.78*	
08 71 11 00-2212	EA	42" Crossbar Exit Device, Mortise Lock, Fire Rated	1,562.28	136.54
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*37.09*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*38.29*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*326.66*	
08 71 11 00-2213	EA	Dummy Trim (DT), Von Duprin Series 88	166.79	18.29
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*3.66*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*3.78*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*32.22*	
08 71 11 00-2214	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 88	266.20	24.38
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*6.14*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*6.33*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*54.03*	
08 71 11 00-2215	EA	Thumbturn Trim (376T Or 377T) With Cylinder, Von Duprin Series 88	460.52	36.57
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*11.25*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*11.62*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*99.10*	
08 71 11 00-2216	EA	Lever Trim (373L) With Cylinder, Von Duprin Series 88	430.64	36.57
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*10.33*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*10.66*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*90.94*	
08 71 11 00-2217	EA	Knob Trim (K) With Cylinder, Von Duprin Series 88	329.81	36.57
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*7.20*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*7.43*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*63.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2218	EA	Thumbpiece Trim (TP) With Cylinder, Von Duprin Series 88	329.81	36.57
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*7.20*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*7.43*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*63.42*	

08 71 11 00-2219 Push Bar Exit Device, Narrow Stile, Adams Rite Series 8800 *(08 71 11 00-2087)*

Note: Grade 1, BHMA 156.3.

08 71 11 00-2220	EA	30" to 48" Push Bar Exit Device, Rim Type, Narrow Stile	911.69	109.72
		Note: Adams Rite 8800		
08 71 11 00-2221	EA	Clutch Lever Entry Trim, Adams Rite Model 3081	535.11	36.57
08 71 11 00-2222	EA	Clutch Lever Entry Trim, Adams Rite Model 3082 Or 3083	462.82	36.57
08 71 11 00-2223	EA	Thumbturn Trim, Adams Rite Model 8066	351.58	36.57
08 71 11 00-2224	EA	Mortise Cylinder, Adams Rite Model 4036-01	68.82	36.57
08 71 11 00-2225	EA	Rim Cylinder, Adams Rite Model 8736	75.81	36.57

08 71 11 00-2226 Push Bar Exit Device, Precision Hardware Apex 2000 Series *(08 71 11 00-2087)*

Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.

08 71 11 00-2227	EA	3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series)	1,169.23	109.72
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-876.65*	
08 71 11 00-2228	EA	3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series)	1,229.46	109.72
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-936.88*	
08 71 11 00-2229	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series)	1,588.39	131.66
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-1,237.29*	
08 71 11 00-2230	EA	3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series)	1,648.63	131.66
		For 4' Push Bar, Add	*13.00*	
		For Owner Furnished Material, Deduct	*-1,297.53*	
08 71 11 00-2231	EA	Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901)	143.64	14.63
		For Owner Furnished Material, Deduct	*-104.63*	
08 71 11 00-2232	EA	Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A)	366.61	18.29
		For Owner Furnished Material, Deduct	*-317.84*	
08 71 11 00-2233	EA	Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A)	415.36	36.57
		For Owner Furnished Material, Deduct	*-317.84*	
08 71 11 00-2234	EA	Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A)	494.63	36.57
		For Owner Furnished Material, Deduct	*-397.11*	
08 71 11 00-2235	EA	Key Controls Lever, Lever/Knob Trim (Precision V4908A)	494.63	36.57
		For Owner Furnished Material, Deduct	*-397.11*	
08 71 11 00-2236	EA	Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A)	494.63	36.57
		For Owner Furnished Material, Deduct	*-397.11*	
08 71 11 00-2237	EA	Exit Only, Cover Plate, Pull Trim (Precision 1701)	108.75	14.63
		For Owner Furnished Material, Deduct	*-69.74*	
08 71 11 00-2238	EA	Exit Only, Dummy Trim, Pull Trim (Precision 1702A)	221.56	18.29
		For Owner Furnished Material, Deduct	*-172.79*	
08 71 11 00-2239	EA	Key Retracts Latchbolt, Pull Trim (Precision 1703A)	241.06	24.38
		For Owner Furnished Material, Deduct	*-172.79*	
08 71 11 00-2240	EA	Key Controls Thumb Piece, Pull Trim (Precision 1705A)	340.06	36.57
		For Owner Furnished Material, Deduct	*-242.54*	
08 71 11 00-2241	EA	Thumb Piece Always Active, Pull Trim (Precision 1715A)	340.06	36.57
		For Owner Furnished Material, Deduct	*-242.54*	

08 71 11 00-2242 Door Closers *(08 71 11)*

Note: Includes standard cover and arm.

08 71 11 00-2243	EA	Surface Mounted Standard Duty Door Closer (LCN 1460 Series)	366.65	28.28
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2244	EA	Surface Mounted Heavy Duty Door Closer - LCN 4040 Series	441.57	28.28
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2245	EA	Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series)	453.48	28.28
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Spring Cush Arm, Add	*67.20*	
		For Parallel Arm And PA Shoe, Add	*22.40*	
		For Stainless Steel Finish, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2246	EA	Surface Mounted High Security Door Closer, Metal Cover (LCN 4510)	468.39	28.28
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2247	EA	Surface Mounted Standard Duty Door Closer (Norton 8301)	310.54	28.28
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2248	EA	Surface Mounted Standard Duty Door Closer (Norton 8501)	313.05	28.28
		For Parallel Arm, Add	*22.40*	

08 71 11 00-2249 Concealed Door Closers *(08 71 11)*

08 71 11 00-2250	EA	Floor Concealed Door Closer, Non Hold Open (Rixson 27/28)	1,037.65	83.87
08 71 11 00-2251	EA	Floor Concealed Door Closer, Selective Hold Open (Rixson 27/27)	1,107.87	83.87
08 71 11 00-2252	EA	Concealed (In Door) Overhead Door Closer (LCN 3130)	521.74	34.14
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2253	EA	Concealed (In Frame) Overhead Door Closer (LCN 5010)	562.82	34.14
		For Delayed Action, Add	*12.60*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	

08 71 11 00-2254 Locks And Latches *(08 71 11)*

Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.

08 71 11 00-2255 Locksmith Services *(08 71 11 00-2254)*

08 71 11 00-2256	EA	Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys	1.08	
		For >50, Deduct	*-0.22*	
08 71 11 00-2257	EA	Rekey Existing Cylinder To Match Existing Cylinders Or Master Key	117.08	
		For >5, Deduct	*-11.71*	
08 71 11 00-2258	EA	Replace Cylinder With Owner Supplied Cylinder	117.08	
		For >5, Deduct	*-11.71*	
08 71 11 00-2259	EA	Replace Cylinder With New Cylinder Note: Excludes core.	128.60	
		For >5, Deduct	*-11.71*	
08 71 11 00-2260	EA	Open Locked Doors	117.08	
08 71 11 00-2261	EA	Install Owner Furnished Cores And Cylinders	49.11	

08 71 11 00-2262 Mortise Locksets And Latchsets *(08 71 11 00-2254)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.

08 71 11 00-2263	EA	Passage/Closet F01 Mortise Latchset Note: Both sides always unlocked.	513.06	24.38
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*13.71*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*12.47*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*20.78*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*146.69*	
08 71 11 00-2264	EA	Bath/Bedroom Privacy F02/F19 Mortise Lockset Note: Locked with thumb knob inside.	605.38	24.38
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*16.76*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*15.24*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*25.39*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*179.27*	
08 71 11 00-2265	EA	Entrance/Office F04 Mortise Lockset Note: Locked with key outside and thumb knob inside.	670.69	24.38
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*18.91*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*17.20*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*28.66*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*202.33*	
08 71 11 00-2266	EA	Classroom F05 Mortise Lockset Note: Locked with key outside. Inside always unlocked.	627.80	24.38
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*17.50*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*15.91*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*26.51*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*187.19*	
		For Security Function (Double Cylinder) With Visual Indicator, Add	*44.93*	
08 71 11 00-2267	EA	Storeroom/Closet F07 Mortise Lockset Note: Locked with key outside. Inside always unlocked. Fixed outside handle.	627.80	24.38
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*17.50*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*15.91*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*26.51*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*187.19*	
08 71 11 00-2268	EA	Entrance F08 Mortise Lockset Note: Locked with key outside and thumb knob inside.	698.04	24.38
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*19.82*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*18.02*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*30.03*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*211.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2269	EA	Dormitory/Exit F13 Mortise Lockset	604.74	24.38
		Note: Locked with key outside and thumb knob inside.		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*16.74*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*15.22*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*25.36*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*179.05*	

08 71 11 00-2270 Locks And Latches *(08 71 11 00-2254)*

08 71 11 00-2271 Preassembled Locks And Latches *(08 71 11 00-2270)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.

08 71 11 00-2272	EA	Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210)	941.73	24.38
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*26.06*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*43.43*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*306.61*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*161.56*	
		For Grade 2, Deduct	*-337.88*	
08 71 11 00-2273	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220)	1,017.66	24.38
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*28.34*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*47.23*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*333.41*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*175.68*	
		For Grade 2, Deduct	*-367.41*	
08 71 11 00-2274	EA	Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261)	1,153.82	24.38
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*32.42*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*54.03*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*381.48*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*201.00*	
		For Grade 2, Deduct	*-420.38*	
08 71 11 00-2275	EA	Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255)	1,153.82	24.38
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*32.42*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*54.03*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*381.48*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*201.00*	
		For Grade 2, Deduct	*-420.38*	
08 71 11 00-2276	EA	Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257)	1,153.82	24.38
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*32.42*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*54.03*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*381.48*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*201.00*	
		For Grade 2, Deduct	*-420.38*	

08 71 11 00-2277 Bored Locks And Latches *(08 71 11 00-2270)*

Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.

08 71 11 00-2278	EA	Passage/Closet F75 Bored Latchset	205.00	24.38
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*3.22*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*5.37*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*37.94*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*19.99*	
		For Grade 2, Deduct	*-5.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*2.15*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2279	EA	Bath/Bedroom Privacy F76 Bored Lockset	230.63	24.38
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*3.99*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*6.66*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*46.99*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*24.76*	
		For Grade 2, Deduct	*-6.66*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*2.66*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2280	EA	Entrance/Office F82 Bored Lockset	251.29	24.38
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*4.61*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*7.69*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*54.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*28.60*	
		For Grade 2, Deduct	*-7.69*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.08*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2281	EA	Classroom F84 Bored Lockset	251.29	24.38
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*4.61*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*7.69*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*54.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*28.60*	
		For Grade 2, Deduct	*-7.69*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.08*	
		For Interchangeable Core, Add	*9.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2282	EA	Storeroom/Closet F86 Bored Lockset Note: Locked with key outside. Inside always unlocked. Fixed outside handle.	251.29	24.38
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*4.61*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*7.69*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*54.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*28.60*	
		For Grade 2, Deduct	*-7.69*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.08*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2283	EA	Corridor/Dormitory F90 Bored Lockset Note: Locked with key outside and push button inside.	251.29	24.38
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*4.61*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*7.69*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*54.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*28.60*	
		For Grade 2, Deduct	*-7.69*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.08*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2284		**Hospital Locksets** *(08 71 11 00-2270)* Note: Satin chrome plated US 26D. (BHMA 626) - BHMA 156.2-1989 Grade 1.		
08 71 11 00-2285	EA	Push/Pull Hospital Latch (Glynn Johnson HL6)	375.02	24.38
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*64.59*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*64.59*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*44.08*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*38.96*	
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	*59.46*	
08 71 11 00-2286	EA	Push/Pull With Thumbturn Hospital Latch (Glynn Johnson PL7 / PL8)	421.48	24.38
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*64.59*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*64.59*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*44.08*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*38.96*	
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	*59.46*	
08 71 11 00-2287		**Other Locks** *(08 71 11 00-2254)* Note: BHMA A156.5.		
08 71 11 00-2288	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	706.67	126.78
08 71 11 00-2289	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	1,559.38	253.56
08 71 11 00-2290		**Pushbutton Combination Locks** *(08 71 11 00-2254)*		
08 71 11 00-2291		**Mechanical Pushbutton Combination Locks** *(08 71 11 00-2290)* Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		
08 71 11 00-2292		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)** *(08 71 11 00-2291)* Note: Satin chrome or antique brass finish.		
08 71 11 00-2293	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series)	531.39	61.38
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2294	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series)	565.02	61.38
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2295	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series)	578.47	61.38
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2296	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series)	612.10	61.38
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2297	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series)	588.56	61.38
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2298	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series)	622.18	61.38
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2299	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series)	635.63	61.38
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2300	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series)	669.26	61.38
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2301		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)** *(08 71 11 00-2291)* Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 11 00-2302	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	580.48	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2303	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	607.39	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2304	EA	Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	661.19	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2305	EA	Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	681.37	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2306	EA	Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	681.37	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
08 71 11 00-2307	EA	Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	647.74	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	

08 71 11 00-2308 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)

(08 71 11 00-2291)

Note: Satin chrome or antique brass finish.

08 71 11 00-2309	EA	Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	686.08	61.38
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
08 71 11 00-2310	EA	Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	706.25	61.38
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	

08 71 11 00-2311 Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)

(08 71 11 00-2291)

Note: Satin stainless, bright brass or antique brass finish.

08 71 11 00-2312	EA	Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series)	338.36	61.38
08 71 11 00-2313	EA	Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series)	427.14	61.38

08 71 11 00-2314 Electrical Pushbutton Combination Locks *(08 71 11 00-2290)*

Note: Privacy option limits access to privileged users (master codes).

08 71 11 00-2315 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) *(08 71 11 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.

08 71 11 00-2316	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	548.20	61.38
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2317	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	628.91	61.38
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2318	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	649.09	61.38
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2319	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	615.46	61.38
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2320	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	581.83	61.38
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2321	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	649.09	61.38
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2322	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	662.54	61.38
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2323	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	682.71	61.38
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2324	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	649.09	61.38
		For Satin Brass Finish, Add	*17.50*	

08 71 11 00-2325 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) *(08 71 11 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.

08 71 11 00-2326	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	682.71	61.38
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2327	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	682.71	61.38
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2328 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) *(08 71 11 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2329	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	786.96	61.38
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2330	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	786.96	61.38
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2331 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) *(08 71 11 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2332	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	840.77	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2333	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	908.02	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2334	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	921.47	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2335	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	941.65	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2336	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	908.02	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2337 Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) *(08 71 11 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2338	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,160.23	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2339	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,227.49	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2340	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,240.94	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2341	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,261.12	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2342	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,227.49	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*92.83*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2343 Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) *(08 71 11 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2344	EA	Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series)	1,617.57	61.38
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*35.00*	

08 71 11 00-2345 Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) *(08 71 11 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2346	EA	Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series)	1,042.53	61.38
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	

08 71 11 00-2347 Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®) *(08 71 11 00-2314)*

08 71 11 00-2348	EA	Standard Software Implementation Kit (Kaba® E-Plex®)	532.72	
08 71 11 00-2349	EA	Enterprise Software Implementation Kit (Kaba® E-Plex®)	667.23	
08 71 11 00-2350	EA	E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®)	869.00	
08 71 11 00-2351	EA	USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®)	269.72	
08 71 11 00-2352	EA	High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series) Note: Includes 4 C-cell battery pack.	81.06	
08 71 11 00-2353	EA	12-24 VDC Power Interface Kit (Kaba® E-Plex® E5x00 Series)	95.18	

08 71 11 00-2354 Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) *(08 71 11 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome finish.

08 71 11 00-2355	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	665.90	61.38
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-420.35*	
08 71 11 00-2356	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	746.61	61.38
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-501.06*	
08 71 11 00-2357	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	766.78	61.38
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-521.23*	
08 71 11 00-2358	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	733.16	61.38
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-487.61*	
08 71 11 00-2359	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	699.53	61.38
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-453.98*	
08 71 11 00-2360	EA	Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	766.78	61.38
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-521.23*	
08 71 11 00-2361	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	780.24	61.38
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-534.69*	
08 71 11 00-2362	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	800.41	61.38
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-554.86*	
08 71 11 00-2363	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	766.78	61.38
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-521.23*	

08 71 11 00-2364 Electrical Pushbutton Combination Locks (Schlage) *(08 71 11 00-2314)*

Note: ANSI/BHMA Grade 1. Satin chrome finish.

08 71 11 00-2365	EA	Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D)	663.16	60.95
		For Owner Furnished Material, Deduct	*-419.35*	
08 71 11 00-2366	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D)	757.30	60.95
		For Owner Furnished Material, Deduct	*-513.49*	
08 71 11 00-2367	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626)	845.94	60.95
		For Owner Furnished Material, Deduct	*-602.13*	
08 71 11 00-2368	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626)	1,084.35	60.95
		For Owner Furnished Material, Deduct	*-840.54*	
08 71 11 00-2369	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626)	1,179.10	60.95
		For Owner Furnished Material, Deduct	*-935.29*	
08 71 11 00-2370	EA	Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	1,290.36	60.95
		For Owner Furnished Material, Deduct	*-1,046.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2371	EA	Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	1,191.33	60.95
		For Owner Furnished Material, Deduct	*-947.52*	

08 71 11 00-2372 Residential Locks And Latchsets *(08 71 11 00-2254)*

08 71 11 00-2373	EA	Residential Entry Lockset With Knobs (Master Keyed)	68.12	14.73
08 71 11 00-2374	EA	Residential Privacy Lockset With Knobs	67.09	14.73
08 71 11 00-2375	EA	Residential Passage Lockset With Knobs	66.95	14.73
08 71 11 00-2376	EA	Residential Dummy Lockset With Knobs	53.86	12.28
08 71 11 00-2377	EA	Residential Entry Lockset With Levers (Master Keyed)	75.26	14.73
08 71 11 00-2378	EA	Residential Privacy Lockset With Levers	72.89	14.73
08 71 11 00-2379	EA	Residential Passage Lockset With Levers	71.17	14.73
08 71 11 00-2380	EA	Residential Dummy Lockset With Levers	54.68	12.28
08 71 11 00-2381	EA	Screen Door - Closer	39.08	10.61
08 71 11 00-2382	EA	Screen Door - Locking Handle	45.12	15.23

08 71 11 00-2383 Deadbolts *(08 71 11 00-2254)*

08 71 11 00-2384 Cylindrical Deadbolts, Grade 1, ANSI 156.5 *(08 71 11 00-2383)*

Note: 2-3/8" or 2-3/4" backset.

08 71 11 00-2385	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.	136.82	24.38
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2386	EA	Double Cylinder Deadbolt, Key Both Sides Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.	152.39	24.38
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	

08 71 11 00-2387 Cylindrical Deadbolts, Grade 2, ANSI 156.5 *(08 71 11 00-2383)*

Note: 2-3/8" or 2-3/4" backset.

08 71 11 00-2388	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.	126.16	24.38
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2389	EA	Double Cylinder Deadbolt, Key Both Sides Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.	143.16	24.38
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	

08 71 11 00-2390 Small Case Mortised Deadbolts, Grade 1, ANSI 156.5 *(08 71 11 00-2383)*

Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.

08 71 11 00-2391	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	175.92	24.38
08 71 11 00-2392	EA	Small Case Mortised Deadbolt, Key Both Sides Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.	190.33	24.38
08 71 11 00-2393	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	173.04	24.38

08 71 11 00-2394 Mortised Deadbolts, Grade 1, ANSI 156.5 *(08 71 11 00-2383)*

Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.

08 71 11 00-2395	EA	Mortised Deadbolt, Key One Side, Knob One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	215.12	24.38
08 71 11 00-2396	EA	Mortised Deadbolt, Key Both Sides Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.	238.76	24.38
08 71 11 00-2397	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	194.95	24.38

08 71 11 00-2398 Surface Mounted Deadbolts *(08 71 11 00-2383)*

08 71 11 00-2399	EA	Single Cylinder Surface Mounted Deadbolt Note: Key one side, knob one side, bright brass finish.	102.93	24.38
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2400	EA	Double Cylinder Surface Mounted Deadbolt Note: Key both sides, bright brass finish.	113.35	24.38
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2401	EA	Single Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key one side, knob one side, bright brass finish.	121.63	24.38
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2402	EA	Double Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key both sides, bright brass finish.	132.05	24.38
		For Brushed Chrome Finish, Add	*10.50*	

08 71 11 00-2403 Surface Mounted Deadlatches *(08 71 11 00-2254)*

08 71 11 00-2404	EA	Single Cylinder Surface Mounted Deadlatch Note: Key one side, knob one side, bright brass finish.	103.75	24.38
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2405	EA	Single Cylinder Surface Mounted Interlocking Deadlatch Note: Jimmy proof, key one side, knob one side, bright brass finish.	121.67	24.38
		For Brushed Chrome Finish, Add	*10.50*	

08 71 11 00-2406 Electric Strikes *(08 71 11 00-2254)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2407	EA	12/24 VDC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100)	251.40	48.77
08 71 11 00-2408	EA	12/24 VDC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111) Note: For rim mounted lock	672.50	48.77
08 71 11 00-2409	EA	12/24 VDC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112) Note: For rim mounted lock	644.00	48.77
08 71 11 00-2410	EA	24 VDC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211) Note: For mortise or cylindrical locks	503.99	48.77
08 71 11 00-2411	EA	24 VDC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212) Note: For mortise or cylindrical locks	675.53	48.77
08 71 11 00-2412	EA	24 VDC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213) Note: For mortise or cylindrical locks	663.17	48.77
08 71 11 00-2413	EA	24 VDC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214) Note: For mortise or cylindrical locks	720.21	48.77
08 71 11 00-2414	EA	24 VDC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215) Note: For mortise or cylindrical locks	673.01	48.77
08 71 11 00-2415	EA	Dual Voltage Electric Strike, Stainless Steel Body, 12/24 Volts DC, 3,070 LB Static Strength (HES 1006)	426.01	48.77
08 71 11 00-2416	EA	Fire Rated Electric Strike, Stainless Steel Body, 12/24 Volts DC, 3,000 LB Static Strength (HES 4500)	423.70	48.77
08 71 11 00-2417	EA	Low Profile Electric Strike, Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 5000)	225.07	48.77
08 71 11 00-2418	EA	Adjustable Electric Strike, Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 5200)	225.07	48.77
08 71 11 00-2419	EA	Electric Strike With Preload, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength, Cylindrical Or Rim Exit Device (HES 7000)	279.02	48.77
08 71 11 00-2420	EA	Cylindrical Lock Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 7500)	469.84	48.77
08 71 11 00-2421	EA	Compact Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 8000)	250.06	48.77
08 71 11 00-2422	EA	Fire Rated Compact Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 8300)	434.60	48.77
08 71 11 00-2423	EA	Fire Rated Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 8500)	388.08	48.77
08 71 11 00-2424	EA	Slim Line Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 9400)	465.48	64.37
08 71 11 00-2425	EA	Fire Rated Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength, Rim Exit Device (HES 9500)	523.49	64.37
08 71 11 00-2426	EA	Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength, Rim Exit Device (HES 9600)	465.79	64.37

08 71 11 00-2427 Electric Hardware *(08 71 11 00-2254)*

08 71 11 00-2428	EA	Electrified Cylindrical Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	132.23	
08 71 11 00-2429	EA	Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	151.62	
08 71 11 00-2430	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	85.41	24.38
08 71 11 00-2431	EA	1 Amp At 12/24 Volt DC, Door Hardware Power Supply	250.19	24.38
08 71 11 00-2432	EA	3 Amp At 12 Volt DC, 2 Amp At 24 Volt DC, Door Hardware Power Supply	423.67	24.38
08 71 11 00-2433	EA	4.5 Amp At 12 Volt DC, 3 Amp At 24 Volt DC, Door Hardware Power Supply	640.99	24.38
08 71 11 00-2434	EA	6 Amp At 12 Volt DC, 4 Amp At 24 Volt DC, Door Hardware Power Supply	707.41	24.38
08 71 11 00-2435	EA	9 Amp At 12 Volt DC, 6 Amp At 24 Volt DC, Door Hardware Power Supply	842.12	24.38
08 71 11 00-2436	EA	15 Amp At 12 Volt DC, 10 Amp At 24 Volt DC, Door Hardware Power Supply	1,018.13	24.38
08 71 11 00-2437	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	74.12	24.38
08 71 11 00-2438	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	75.45	24.38
08 71 11 00-2439	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	83.62	24.38
08 71 11 00-2440	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	85.24	24.38
08 71 11 00-2441	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	86.07	24.38
08 71 11 00-2442	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	90.75	24.38
08 71 11 00-2443	EA	12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	74.97	24.38
08 71 11 00-2444	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	81.51	24.38
08 71 11 00-2445	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	86.70	24.38
08 71 11 00-2446	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	95.66	24.38
08 71 11 00-2447	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	98.15	24.38
08 71 11 00-2448	EA	12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	83.15	24.38
08 71 11 00-2449	EA	18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	92.32	24.38
08 71 11 00-2450	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	61.37	24.38
08 71 11 00-2451	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	68.46	24.38
08 71 11 00-2452	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	72.22	24.38
08 71 11 00-2453	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	76.23	24.38
08 71 11 00-2454	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	97.12	24.38
08 71 11 00-2455	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	105.84	24.38
08 71 11 00-2456	EA	12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	64.27	24.38
08 71 11 00-2457	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	67.01	24.38
08 71 11 00-2458	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	75.15	24.38
08 71 11 00-2459	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	88.11	24.38
08 71 11 00-2460	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	99.70	24.38
08 71 11 00-2461	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	118.73	24.38
08 71 11 00-2462	EA	12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	68.83	24.38
08 71 11 00-2463	EA	18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop	73.02	24.38
08 71 11 00-2464	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	436.21	24.38
08 71 11 00-2465	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer	478.56	34.14
08 71 11 00-2466	EA	Electrified Lock; Schlage L9080 Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	836.60	

08 71 11 00-2467 Magnetic Locks *(08 71 11 00-2254)*

08 71 11 00-2468	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40)	554.17	117.03
08 71 11 00-2469	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ)	661.47	131.66
08 71 11 00-2470	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70)	640.35	117.03
08 71 11 00-2471	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ)	747.47	131.66
08 71 11 00-2472	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420)	671.88	126.78
08 71 11 00-2473	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450)	730.98	126.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2474	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490)	776.99	126.78
08 71 11 00-2475	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	856.36	146.29
08 71 11 00-2476	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	934.93	146.29
08 71 11 00-2477	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	970.32	146.29
08 71 11 00-2478	EA	2 Amp Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902)	292.61	48.77
08 71 11 00-2479	EA	4 Amp Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904)	469.13	48.77
08 71 11 00-2480	EA	6 Amp Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906)	560.86	48.77

08 71 11 00-2481 Interchangeable Core *(08 71 11 00-2254)*

08 71 11 00-2482	EA	Interchangeable Core; Primus D Series	159.45	24.38

08 71 11 00-2483 Door Coordinators *(08 71 11)*

08 71 11 00-2484	EA	32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series) Note: Satin chrome finish. Includes two mounting brackets.	334.69	30.48
		For Anodized Aluminum Finish, Deduct	*-85.11*	
08 71 11 00-2485	EA	42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series) Note: Satin chrome finish. Includes two mounting brackets.	351.18	31.69
		For Anodized Aluminum Finish, Deduct	*-89.76*	
08 71 11 00-2486	EA	52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series) Note: Satin chrome finish. Includes two mounting brackets.	359.98	32.92
		For Anodized Aluminum Finish, Deduct	*-91.33*	
08 71 11 00-2487	EA	60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series) Note: Satin chrome finish. Includes two mounting brackets.	375.45	34.14
		For Anodized Aluminum Finish, Deduct	*-95.56*	
08 71 11 00-2488	EA	72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series) Note: Satin chrome finish. Includes two mounting brackets.	401.33	35.35
		For Anodized Aluminum Finish, Deduct	*-103.97*	
08 71 11 00-2489	EA	Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20")	81.27	9.75
		For Anodized Aluminum Finish, Deduct	*-16.90*	
08 71 11 00-2490	EA	Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32")	89.73	10.97
		For Anodized Aluminum Finish, Deduct	*-18.34*	
08 71 11 00-2491	EA	Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44")	102.70	12.19
		For Anodized Aluminum Finish, Deduct	*-21.57*	
08 71 11 00-2492	EA	Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1)	78.81	12.19
08 71 11 00-2493	EA	7" Projection COR Series Gravity Type Door Coordinator	116.73	18.29
		For Anodized Aluminum Finish, Deduct	*-17.43*	
08 71 11 00-2494	EA	9" Projection COR Series Gravity Type Door Coordinator	123.70	18.29
		For Anodized Aluminum Finish, Deduct	*-20.22*	

08 71 11 00-2495 Removal And Reinstallation Of Door Hardware *(08 71 11)*

Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0041 for removal and reinstallation of door.

08 71 11 00-2496	EA	Removal And Reinstallation Of Door Lockset, Entrance	73.15
08 71 11 00-2497	EA	Removal And Reinstallation Of Door Lockset, Mortise	117.03
08 71 11 00-2498	EA	Removal And Reinstallation Of Deadbolt Lock	78.02
08 71 11 00-2499	PR	Removal And Reinstallation Of Butts/Hinges	19.51
08 71 11 00-2500	EA	Removal And Reinstallation Of Door Bumper	6.83
08 71 11 00-2501	EA	Removal And Reinstallation Of Surface Mounted Panic Device	195.05
08 71 11 00-2502	EA	Removal And Reinstallation Of Kick Plate	24.38
08 71 11 00-2503	EA	Removal And Reinstallation Of Push Plate	19.51
08 71 11 00-2504	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder	97.52
08 71 11 00-2505	EA	Removal And Reinstallation Of Door Handles	14.63

08 71 11 00-2506 Electromagnetic Door Release *(08 71 11)*

08 71 11 00-2507	EA	Electro-Magnetic Door Release, Wall Mount, Surface 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	425.92	61.45
08 71 11 00-2508	EA	Electro-Magnetic Door Release, Wall Mount, Recessed 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	417.25	61.45
08 71 11 00-2509	EA	Electro-Magnetic Door Release, Wall Mount, Recessed, Adjustable 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	460.96	61.45
08 71 11 00-2510	EA	Electro-Magnetic Door Release, Wall Mount, Surface Or Recessed, High Hold 24 Volt AC/DC	718.96	61.45
08 71 11 00-2511	EA	Electro-Magnetic Door Release, Sliding Door 24 Volt DC	695.96	61.45
08 71 11 00-2512	EA	Electro-Magnetic Door Release, Overhead Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	695.96	61.45
08 71 11 00-2513	EA	Electro-Magnetic Door Release, Floor Mount, Single Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	639.69	61.45
08 71 11 00-2514	EA	Electro-Magnetic Door Release, Floor Mount, Back-to-Back Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	781.96	61.45
08 71 11 00-2515	EA	Photo Electric Smoke Detector Suitable For Door Holder Release	757.94	61.45
08 71 11 00-2516	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	917.99	61.45
08 71 11 00-2517	EA	Surface Wall Mount, Electromagnetic Door Holder (Sargent 1560) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	469.30	61.45
08 71 11 00-2518	EA	Flush Mount, Electromagnetic Door Holder (Sargent 1561) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	462.58	61.45
08 71 11 00-2519	EA	Floor Mount, Electromagnetic Door Holder (LCN SEM7820) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	672.82	61.45
08 71 11 00-2520	EA	Surface Wall Mount, Electromagnetic Door Holder (LCN SEM7830) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	490.80	61.45
08 71 11 00-2521	EA	Low Profile Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7840) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	490.80	61.45
08 71 11 00-2522	EA	Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7850) Note: 120 volt AC, 24 volt AC/DC, 12 volt DC	490.80	61.45

08 71 13 Automatic Door Operators *(08 71)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 13 00-0001		Automatic Door Operators (LCN) *(08 71 13)*		
08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount ADA Door Operator With Pull Arm (LCN 9531)	2,390.86	
		Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.		
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount ADA Door Operator With Push Arm (LCN 9542)	2,390.86	
		Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.		
08 71 13 00-0004		Miscellaneous Devices *(08 71 13)*		
08 71 13 00-0005	EA	Electric Power Transformer (Von Duprin EPT-2) For Magnetic Monitor Switches	338.33	36.57
08 71 13 00-0006	EA	Magnetic Monitor Switch, SS Finish (Von Duprin MS 764)	107.30	21.94
08 71 13 00-0007	EA	24 Volt AC, 3 Amp Transformer (Von Duprin PT 750)	132.67	21.94
08 71 13 00-0008	EA	Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S)	80.37	21.94
08 71 53		**Security Door Hardware** *(08 71)*		
08 71 53 00-0001		Door Exit Alarm Hardware *(08 71 53)*		
08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	242.02	36.57
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W)	327.37	36.57
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300)	278.47	36.57
		Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W)	353.96	36.57
		Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	414.56	48.77
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S)	75.01	48.77
		Note: For use with Detex EAX exit alarms.		
08 72		Weatherstripping, Thresholds And Seals *(08 70)*		
08 72 33		**Weatherstripping And Seals** *(08 72)*		
08 72 33 00-0001		Weather-Stripping And Seals *(08 72 33)*		
08 72 33 00-0002		Astragals *(08 72 33 00-0001)*		
		Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.		
08 72 33 00-0003		Adhesive Backed Astragals *(08 72 33 00-0002)*		
08 72 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	3.83	0.73
08 72 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	4.25	0.73
08 72 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	3.29	0.73
08 72 33 00-0007		Overlapping Astragals *(08 72 33 00-0002)*		
08 72 33 00-0008		Aluminum, Overlapping Astragals *(08 72 33 00-0007)*		
08 72 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	15.65	4.38
		For Color Anodized Finish, Add	*2.09*	
08 72 33 00-0010		Stainless Steel, Overlapping Astragals *(08 72 33 00-0007)*		
08 72 33 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS)	30.54	4.38
08 72 33 00-0012		"T" Astragals *(08 72 33 00-0002)*		
08 72 33 00-0013		Aluminum, "T" Astragals *(08 72 33 00-0012)*		
08 72 33 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	10.55	4.38
		For Color Anodized Finish, Add	*0.66*	
08 72 33 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	13.00	4.38
		For Color Anodized Finish, Add	*0.87*	
08 72 33 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP)	13.38	4.38
		For Color Anodized Finish, Add	*1.65*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	23.87	4.38
		For Color Anodized Finish, Add	*5.32*	
08 72 33 00-0018		Brass/Bronze, "T" Astragals *(08 72 33 00-0012)*		
08 72 33 00-0019	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP)	46.98	4.38
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0020		Locking Astragals *(08 72 33 00-0002)*		
08 72 33 00-0021		Outswing Locking Astragals *(08 72 33 00-0020)*		
		Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.		
08 72 33 00-0022		Aluminum, Outswing Locking Astragals *(08 72 33 00-0021)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0023	LF	Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	31.59	4.38
		For Color Anodized Finish, Add	*4.58*	
08 72 33 00-0024	LF	Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS) Note: Includes pile seal at inner door edge and neoprene bottom seal.	36.51	4.38
		For Color Anodized Finish, Add	*5.57*	
08 72 33 00-0025	LF	Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	35.32	4.38
		For Thermal Break, Add	*1.60*	
08 72 33 00-0026	LF	Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	39.31	4.38
		For Thermal Break, Add	*1.84*	

08 72 33 00-0027 Inswing Locking Astragals *(08 72 33 00-0020)*

Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.

08 72 33 00-0028 Wood, Inswing Locking Astragals *(08 72 33 00-0027)*

08 72 33 00-0029	LF	Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832)	36.81	4.38
08 72 33 00-0030	LF	Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q) Note: Includes kerf-in foam seal.	36.63	4.38

08 72 33 00-0031 Aluminum, Inswing Locking Astragals *(08 72 33 00-0027)*

08 72 33 00-0032	LF	Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV) Note: Includes pile seal at inner door edge and neoprene bottom seal.	21.29	4.38
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*2.52*	
08 72 33 00-0033	LF	Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV) Note: Includes pile seal at inner door edge and neoprene bottom seal.	25.40	4.38
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*3.35*	
08 72 33 00-0034	LF	Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	22.85	4.38
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*2.84*	
08 72 33 00-0035	LF	Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.	26.92	4.38
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*3.65*	

08 72 33 00-0036 Security Astragals *(08 72 33 00-0002)*

08 72 33 00-0037	LF	Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)	19.93	4.38
		For Color Anodized Finish, Add	*11.26*	
08 72 33 00-0038	LF	2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	32.85	4.38

08 72 33 00-0039 Meeting Stile Astragals *(08 72 33 00-0002)*

08 72 33 00-0040 One Piece, Meeting Stile Astragals *(08 72 33 00-0039)*

Note: Includes an astragal for one door only.

08 72 33 00-0041	LF	1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)	12.86	4.38
		For Color Anodized Finish, Add	*1.26*	
08 72 33 00-0042	LF	1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN)	20.00	6.53
		For Color Anodized Finish, Add	*2.79*	
08 72 33 00-0043	LF	9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN)	26.07	6.53
		For Color Anodized Finish, Add	*1.31*	
08 72 33 00-0044	LF	15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN)	26.85	6.53
		For Color Anodized Finish, Add	*3.46*	
08 72 33 00-0045	LF	1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71)	30.30	6.53

08 72 33 00-0046 Two Piece, Meeting Stile Split Astragals *(08 72 33 00-0039)*

Note: Includes one astragal for each door.

08 72 33 00-0047	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV)	16.23	6.53
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*3.21*	
08 72 33 00-0048	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	16.23	6.53
		For Color Anodized Finish, Add	*3.21*	
08 72 33 00-0049	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	16.23	6.53
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*3.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0050	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	24.75	6.53
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*2.35*	
08 72 33 00-0051	LF	3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	20.56	6.53
		For Color Anodized Finish, Add	*3.02*	
08 72 33 00-0052	LF	5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	21.12	6.53
		For Color Anodized Finish, Add	*3.24*	
08 72 33 00-0053	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	25.31	6.53
		For Color Anodized Finish, Add	*6.15*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0054	LF	3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	25.86	6.53
		For Color Anodized Finish, Add	*5.14*	
08 72 33 00-0055	LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB)	26.42	6.53
		For Color Anodized Finish, Add	*5.36*	

08 72 33 00-0056 Two Piece, Adjustable Meeting Stile Split Astragals *(08 72 33 00-0039)*

Note: Includes one astragal for each door.

08 72 33 00-0057 Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0056)*

08 72 33 00-0058	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP)	46.25	6.53
		For Color Anodized Finish, Add	*8.31*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0059	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP)	47.12	6.53
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*6.82*	

08 72 33 00-0060 Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals *(08 72 33 00-0056)*

08 72 33 00-0061	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP)	142.78	6.53
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0062	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)	133.70	6.53
		For Silicone Insert, Add	*0.63*	

08 72 33 00-0063 Door Sweeps *(08 72 33 00-0001)*

08 72 33 00-0064 Tack On Door Sweeps *(08 72 33 00-0063)*

08 72 33 00-0065	LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365)	5.85	2.43
08 72 33 00-0066	LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364)	5.94	2.43
08 72 33 00-0067	LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)	6.18	2.43

08 72 33 00-0068 Aluminum Retainer Door Sweeps *(08 72 33 00-0063)*

08 72 33 00-0069 35 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.

08 72 33 00-0070	LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB)	13.80	4.87
		For Color Anodized Finish, Add	*1.62*	
08 72 33 00-0071	LF	1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB)	14.22	4.87
		For Color Anodized Finish, Add	*1.56*	

08 72 33 00-0072 45 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.

08 72 33 00-0073	LF	1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)	20.92	4.87
		For Color Anodized Finish, Add	*4.47*	
08 72 33 00-0074	LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	22.59	4.87
		For Color Anodized Finish, Add	*5.14*	
08 72 33 00-0075	LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)	26.22	4.87
		For Color Anodized Finish, Add	*6.59*	

08 72 33 00-0076 90 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*

Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.

08 72 33 00-0077	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)	15.19	4.87
		For Color Anodized Finish, Add	*0.54*	
08 72 33 00-0078	LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)	15.05	4.87
		For Color Anodized Finish, Add	*0.53*	
08 72 33 00-0079	LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)	16.03	4.87
		For Color Anodized Finish, Add	*2.20*	
08 72 33 00-0080	LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	16.45	4.87
		For Color Anodized Finish, Add	*2.68*	
08 72 33 00-0081	LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)	14.78	4.87
		For Color Anodized Finish, Add	*1.26*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0082		LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN)	18.68	4.87
			For Color Anodized Finish, Add	*1.79*	
08 72 33 00-0083		LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN)	15.61	4.87
			For Color Anodized Finish, Add	*1.17*	
08 72 33 00-0084		LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV) Note: Includes mill finish.	11.95	4.87
			For Color Anodized Finish, Add	*1.10*	
08 72 33 00-0085		LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV) Note: Includes mill finish.	12.05	4.87
			For Color Anodized Finish, Add	*1.15*	
08 72 33 00-0086		LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV) Note: Includes mill finish.	13.24	4.87
			For Color Anodized Finish, Add	*1.22*	
08 72 33 00-0087			180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)* Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0088			180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0087)*		
08 72 33 00-0089		LF	3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	13.52	4.87
			For Color Anodized Finish, Add	*1.51*	
08 72 33 00-0090		LF	5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	13.80	4.87
			For Color Anodized Finish, Add	*1.62*	
08 72 33 00-0091		LF	1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	16.03	4.87
			For Color Anodized Finish, Add	*2.20*	
08 72 33 00-0092			180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps *(08 72 33 00-0087)*		
08 72 33 00-0093		LF	3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	16.17	4.87
			For Color Anodized Finish, Add	*2.57*	
08 72 33 00-0094		LF	5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	16.45	4.87
			For Color Anodized Finish, Add	*2.68*	
08 72 33 00-0095		LF	1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	17.63	4.87
			For Color Anodized Finish, Add	*3.15*	
08 72 33 00-0096			Mortised, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)* Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0097		LF	1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB)	12.26	4.87
08 72 33 00-0098		LF	13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB)	12.26	4.87
08 72 33 00-0099		LF	5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB)	12.40	4.87
08 72 33 00-0100			Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0063)*		
08 72 33 00-0101			90 Degree, Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0100)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0102		LF	1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)	11.98	4.87
			For Color Anodized Finish, Add	*1.56*	
08 72 33 00-0103		LF	1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)	13.80	4.87
			For Color Anodized Finish, Add	*1.62*	
08 72 33 00-0104		LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB) Note: Includes clear anodized finish.	15.16	4.87
			For Color Anodized Finish, Add	*1.08*	
08 72 33 00-0105		LF	7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)	15.40	4.87
			For Color Anodized Finish, Add	*1.13*	
08 72 33 00-0106			Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0063)*		
08 72 33 00-0107			90 Degree, Brass/Bronze Retainer Door Sweeps *(08 72 33 00-0106)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0108		LF	7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	18.13	4.87
08 72 33 00-0109			Oak Retainer Door Sweeps *(08 72 33 00-0063)*		
08 72 33 00-0110			90 Degree, Oak Retainer Door Sweeps *(08 72 33 00-0109)* Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0111		LF	9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	14.92	4.87
08 72 33 00-0112		LF	15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	17.12	4.87
08 72 33 00-0113			Door Shoes And Bottoms *(08 72 33 00-0001)*		
08 72 33 00-0114			Door Shoes *(08 72 33 00-0113)*		
08 72 33 00-0115			Aluminum Retainer Door Shoes *(08 72 33 00-0114)*		
08 72 33 00-0116			Bottom Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*		
08 72 33 00-0117		LF	Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	13.10	4.87
			For Color Anodized Finish, Add	*1.34*	
			For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0118		LF	Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	13.52	4.87
			For Color Anodized Finish, Add	*1.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0119	LF	Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	17.57	4.87
		For Color Anodized Finish, Add	*1.56*	

08 72 33 00-0120 Side Mount, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*

08 72 33 00-0121	LF	Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	14.92	4.87
		For Color Anodized Finish, Add	*2.07*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	

08 72 33 00-0122 L Or U Shaped, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*

08 72 33 00-0123	LF	Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	13.80	4.87
		For Color Anodized Finish, Add	*2.03*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0124	LF	Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	14.64	4.87
		For Color Anodized Finish, Add	*1.96*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0125	LF	Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	14.92	4.87
		For Color Anodized Finish, Add	*2.07*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0126	LF	Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	20.59	4.87
		For Color Anodized Finish, Add	*2.17*	
08 72 33 00-0127	LF	Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	20.87	4.87
		For Color Anodized Finish, Add	*2.22*	

08 72 33 00-0128 L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes *(08 72 33 00-0115)*

08 72 33 00-0129	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	14.08	4.87
		For Color Anodized Finish, Add	*2.17*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0130	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	14.92	4.87
		For Color Anodized Finish, Add	*2.07*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0131	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	15.05	4.87
		For Color Anodized Finish, Add	*2.12*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	

08 72 33 00-0132 Vinyl Door Shoes *(08 72 33 00-0114)*

08 72 33 00-0133	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	16.81	4.87
08 72 33 00-0134	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	19.99	4.87

08 72 33 00-0135 Door Bottoms *(08 72 33 00-0113)*

08 72 33 00-0136 Automatic Door Bottoms *(08 72 33 00-0135)*

08 72 33 00-0137 Aluminum Automatic Door Bottoms *(08 72 33 00-0136)*

08 72 33 00-0138	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	28.13	4.87
		For Color Anodized Finish, Add	*3.68*	
08 72 33 00-0139	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	39.64	4.87
		For Color Anodized Finish, Add	*5.98*	

08 72 33 00-0140 Door Top Protection *(08 72 33 00-0001)*

08 72 33 00-0141	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	10.86	3.90
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.84*	
08 72 33 00-0142	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	10.86	3.90
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*0.84*	
08 72 33 00-0143	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	12.48	3.90
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*1.28*	
08 72 33 00-0144	EA	For 20 Oz Copper Drip Cap For Exterior Door	53.40	

08 72 33 00-0145 Perimeter Gasketing Weather-Strip *(08 72 33 00-0001)*

Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.

08 72 33 00-0146 Adhesive Backed Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*

08 72 33 00-0147	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	3.42	2.43
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0148	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	3.45	2.43
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0149	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88)	4.18	2.43
08 72 33 00-0150	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	3.72	2.43
08 72 33 00-0151	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	4.80	2.43
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0152	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773)	4.48	2.43
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0153	LF	7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44)	5.82	2.43
08 72 33 00-0154	LF	1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88)	5.40	2.43

08 72 33 00-0155 Kerf-In Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0156	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50)	3.08	2.43
08 72 33 00-0157	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52)	4.45	2.43
08 72 33 00-0158	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	3.41	2.43
08 72 33 00-0159	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	3.37	2.43
08 72 33 00-0160	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	4.30	2.43
08 72 33 00-0161		Cushion/Spring Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
08 72 33 00-0162		Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0161)*		
08 72 33 00-0163	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C)	7.35	2.43
08 72 33 00-0164	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D)	7.35	2.43
08 72 33 00-0165	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E)	7.84	2.43
08 72 33 00-0166	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F)	7.94	2.43
08 72 33 00-0167		Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip *(08 72 33 00-0161)*		
08 72 33 00-0168	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	7.08	2.43
08 72 33 00-0169	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	7.84	2.43
08 72 33 00-0170	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	8.68	2.43
08 72 33 00-0171		Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
08 72 33 00-0172		Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0171)*		
08 72 33 00-0173	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	6.48	2.43
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.61*	
08 72 33 00-0174	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	6.48	2.43
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.61*	
08 72 33 00-0175	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	6.48	2.43
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*1.61*	
08 72 33 00-0176	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN)	10.73	2.43
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*1.17*	
08 72 33 00-0177	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV)	11.01	2.43
		For Color Anodized Finish, Add	*3.07*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0178	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)	11.01	2.43
		For Color Anodized Finish, Add	*2.15*	
08 72 33 00-0179		Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0171)*		
08 72 33 00-0180		Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0179)*		
08 72 33 00-0181	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	10.52	2.43
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0182		Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0179)*		
08 72 33 00-0183	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	11.63	2.43
08 72 33 00-0184		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
08 72 33 00-0185		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)*		
08 72 33 00-0186	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	19.74	2.43
		For Silicone Insert, Add	*1.58*	
08 72 33 00-0187	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	33.07	2.43
08 72 33 00-0188		Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)*		
08 72 33 00-0189		Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0188)*		
08 72 33 00-0190	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	28.64	2.43
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0191		Aluminum Interlock, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0192	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A) Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.	15.53	4.87
		For Color Anodized Finish, Add	*2.31*	
08 72 33 00-0193	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR) Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.	16.02	4.87
		For Color Anodized Finish, Add	*2.51*	
08 72 33 00-0194		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* Note: Seals gaps from 1/16" to 1/4".		
08 72 33 00-0195	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	18.63	2.43
		For Color Anodized Finish, Add	*2.75*	
08 72 33 00-0196	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)	19.61	2.43
		For Color Anodized Finish, Add	*2.95*	
08 72 33 00-0197		Perimeter Gasketing Smoke Seals *(08 72 33 00-0001)* Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 72 33 00-0198	LF	Compression Bulb, Adhesive Backed Perimeter Gasketing Smoke Seal (Pemko HSS2000)	4.12	2.43
08 72 43		**Thresholds** *(08 72)*		
08 72 43 00-0001		Thresholds *(08 72 43)* Note: Includes material, fasteners, installation, caulk and sealants.		
08 72 43 00-0002		Metal Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0003		Saddle Thresholds *(08 72 43 00-0002)*		
08 72 43 00-0004		Aluminum Saddle Thresholds *(08 72 43 00-0003)* Note: Includes mill finish.		
08 72 43 00-0005		3/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	24.80	7.80
		For Color Anodized Finish, Add	*2.12*	
08 72 43 00-0007		1/4" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	27.18	7.80
		For Color Anodized Finish, Add	*3.07*	
08 72 43 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	31.91	9.75
		For Color Anodized Finish, Add	*5.28*	
08 72 43 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	34.57	9.75
		For Color Anodized Finish, Add	*5.10*	
08 72 43 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	37.77	9.75
		For Color Anodized Finish, Add	*4.69*	
08 72 43 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	42.52	9.75
		For Color Anodized Finish, Add	*4.54*	
08 72 43 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	51.03	11.70
		For Color Anodized Finish, Add	*5.45*	
08 72 43 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	54.24	11.70
		For Color Anodized Finish, Add	*6.25*	
08 72 43 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	59.36	11.70
		For Color Anodized Finish, Add	*7.53*	
08 72 43 00-0016		5/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	26.76	7.80
		For Color Anodized Finish, Add	*2.54*	
08 72 43 00-0018		1/2" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
08 72 43 00-0019	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)	26.90	7.80
		For Color Anodized Finish, Add	*3.70*	
08 72 43 00-0020	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)	33.03	9.75
		For Color Anodized Finish, Add	*6.06*	
08 72 43 00-0021	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)	35.75	9.75
		For Color Anodized Finish, Add	*5.69*	
08 72 43 00-0022	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)	38.05	9.75
		For Color Anodized Finish, Add	*4.79*	
08 72 43 00-0023	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)	42.52	9.75
		For Color Anodized Finish, Add	*4.54*	
08 72 43 00-0024	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)	52.70	11.70
		For Color Anodized Finish, Add	*8.21*	
08 72 43 00-0025	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)	55.63	11.70
		For Color Anodized Finish, Add	*10.55*	
08 72 43 00-0026	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)	58.57	11.70
		For Color Anodized Finish, Add	*11.73*	
08 72 43 00-0027		Brass/Bronze Saddle Thresholds *(08 72 43 00-0003)*		
08 72 43 00-0028		3/16" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0029	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	59.95	7.80
08 72 43 00-0030		**1/4" Height, Brass/Bronze Saddle Thresholds** *(08 72 43 00-0027)*		
08 72 43 00-0031	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)	90.89	7.80
08 72 43 00-0032	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)	110.04	9.75
08 72 43 00-0033	LF	5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	131.46	9.75
08 72 43 00-0034	LF	6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	152.28	9.75
08 72 43 00-0035	LF	7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	176.08	9.75
08 72 43 00-0036	LF	8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	225.57	11.70
08 72 43 00-0037		**1/2" Height, Brass/Bronze Saddle Thresholds** *(08 72 43 00-0027)*		
08 72 43 00-0038	LF	4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	119.56	9.75
08 72 43 00-0039	LF	5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	143.35	9.75
08 72 43 00-0040	LF	6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	167.15	9.75
08 72 43 00-0041	LF	7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	196.90	9.75
08 72 43 00-0042	LF	8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	278.13	11.70
08 72 43 00-0043	LF	10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	264.48	11.70
08 72 43 00-0044		**Stainless Steel Saddle Thresholds** *(08 72 43 00-0003)*		
08 72 43 00-0045		**1/2" Height, Stainless Steel Saddle Thresholds** *(08 72 43 00-0044)*		
08 72 43 00-0046	LF	4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	101.71	9.75
08 72 43 00-0047	LF	5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	107.66	9.75
08 72 43 00-0048		**Half Saddle Thresholds** *(08 72 43 00-0002)*		
08 72 43 00-0049		**Aluminum Half Saddle Thresholds** *(08 72 43 00-0048)*		
		Note: Includes mill finish.		
08 72 43 00-0050		**3/4" Height, Aluminum Half Saddle Thresholds** *(08 72 43 00-0049)*		
08 72 43 00-0051	LF	5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	38.38	9.75
		For Color Anodized Finish, Add	*5.60*	
08 72 43 00-0052	LF	7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	48.52	9.75
		For Color Anodized Finish, Add	*2.42*	
08 72 43 00-0053		**Offset Saddle Thresholds** *(08 72 43 00-0002)*		
08 72 43 00-0054		**Aluminum Offset Saddle Thresholds** *(08 72 43 00-0053)*		
		Note: Includes mill finish.		
08 72 43 00-0055		**1/2" Height, Aluminum Offset Saddle Thresholds** *(08 72 43 00-0054)*		
08 72 43 00-0056	LF	5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	38.47	9.75
		For Color Anodized Finish, Add	*7.05*	
08 72 43 00-0057	LF	7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	42.10	9.75
		For Color Anodized Finish, Add	*6.21*	
08 72 43 00-0058		**3/4" Height, Aluminum Offset Saddle Thresholds** *(08 72 43 00-0054)*		
08 72 43 00-0059	LF	5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	38.47	9.75
		For Color Anodized Finish, Add	*7.05*	
08 72 43 00-0060		**1" Height, Aluminum Offset Saddle Thresholds** *(08 72 43 00-0054)*		
08 72 43 00-0061	LF	7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	43.50	9.75
		For Color Anodized Finish, Add	*6.70*	
08 72 43 00-0062		**Modular Ramp Thresholds** *(08 72 43 00-0001)*		
		Note: Includes mill finish.		
08 72 43 00-0063		**Flush, Aluminum Modular Ramp Thresholds** *(08 72 43 00-0062)*		
08 72 43 00-0064	LF	6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	39.73	9.75
		For Non-Slip Surfacing, Add	*60.69*	
08 72 43 00-0065	LF	9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	49.15	10.73
		For Non-Slip Surfacing, Add	*77.56*	
08 72 43 00-0066	LF	12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	62.05	12.18
		For Non-Slip Surfacing, Add	*105.50*	
08 72 43 00-0067	LF	15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	78.03	12.67
		For Non-Slip Surfacing, Add	*142.24*	
08 72 43 00-0068	LF	18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	90.48	13.65
		For Non-Slip Surfacing, Add	*189.54*	
08 72 43 00-0069	LF	21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	111.54	15.11
		For Non-Slip Surfacing, Add	*211.41*	
08 72 43 00-0070	LF	24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	124.31	16.57
		For Non-Slip Surfacing, Add	*237.02*	
08 72 43 00-0071	LF	28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	131.84	17.55
		For Non-Slip Surfacing, Add	*241.85*	
08 72 43 00-0072		**3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds** *(08 72 43 00-0062)*		
08 72 43 00-0073	LF	12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA)	65.91	12.18
		For Non-Slip Surfacing, Add	*112.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0074	LF	15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA)	76.88	12.67
		For Non-Slip Surfacing, Add	*139.13*	
08 72 43 00-0075	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA)	95.77	14.63
		For Non-Slip Surfacing, Add	*172.95*	
08 72 43 00-0076	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	112.07	15.60
		For Non-Slip Surfacing, Add	*210.26*	
08 72 43 00-0077	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	128.30	16.57
		For Non-Slip Surfacing, Add	*247.39*	
08 72 43 00-0078	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	140.10	17.55
		For Non-Slip Surfacing, Add	*273.00*	
08 72 43 00-0079	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA)	170.74	18.53
		For Non-Slip Surfacing, Add	*347.59*	

08 72 43 00-0080 7" Top Plate, Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*

08 72 43 00-0081	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	75.97	13.16
		For Non-Slip Surfacing, Add	*138.99*	
08 72 43 00-0082	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	88.87	14.63
		For Non-Slip Surfacing, Add	*166.94*	
08 72 43 00-0083	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	105.82	15.60
		For Non-Slip Surfacing, Add	*201.47*	
08 72 43 00-0084	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	118.27	16.57
		For Non-Slip Surfacing, Add	*229.82*	
08 72 43 00-0085	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	138.35	17.55
		For Non-Slip Surfacing, Add	*268.45*	
08 72 43 00-0086	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	150.15	18.53
		For Non-Slip Surfacing, Add	*294.06*	
08 72 43 00-0087	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	172.69	19.50
		For Non-Slip Surfacing, Add	*334.23*	

08 72 43 00-0088 Accessories For Aluminum Modular Ramp Thresholds *(08 72 43 00-0062)*

08 72 43 00-0089 Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*

08 72 43 00-0090	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	174.44	12.18
		For Non-Slip Surfacing, Add	*18.01*	
08 72 43 00-0091	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	266.35	12.18
		For Non-Slip Surfacing, Add	*29.04*	
08 72 43 00-0092	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	525.07	17.06
		For Non-Slip Surfacing, Add	*58.91*	

08 72 43 00-0093 Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds *(08 72 43 00-0088)*

08 72 43 00-0094	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	174.44	12.18
		For Non-Slip Surfacing, Add	*18.01*	
08 72 43 00-0095	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	266.35	12.18
		For Non-Slip Surfacing, Add	*29.04*	
08 72 43 00-0096	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	525.07	17.06
		For Non-Slip Surfacing, Add	*58.91*	

08 72 43 00-0097 Latching Panic Exit Saddle Thresholds *(08 72 43 00-0001)*

Note: Includes vinyl or pile seal.

08 72 43 00-0098 Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)*

Note: Includes mill finish.

08 72 43 00-0099 Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*

08 72 43 00-0100 7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*

08 72 43 00-0101	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)	45.73	9.75
		For Color Anodized Finish, Add	*7.48*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0102	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)	38.61	9.75
		For Color Anodized Finish, Add	*7.12*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0103	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)	50.20	9.75
		For Color Anodized Finish, Add	*9.04*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0104	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)	52.15	9.75
		For Color Anodized Finish, Add	*9.72*	
		For Thermoseal, Add	*0.63*	

08 72 43 00-0105 1" Height, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0099)*

08 72 43 00-0106	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)	36.93	9.75
		For Color Anodized Finish, Add	*6.28*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0107	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)	38.89	9.75
		For Color Anodized Finish, Add	*7.26*	
		For Thermoseal, Add	*0.63*	

08 72 43 00-0108 Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0098)*

08 72 43 00-0109 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0108)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0110	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)	40.98	9.75
		For Color Anodized Finish, Add	*6.64*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0111	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)	42.80	9.75
		For Color Anodized Finish, Add	*7.37*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0112	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)	45.45	9.75
		For Color Anodized Finish, Add	*7.38*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0113	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)	48.45	9.75
		For Color Anodized Finish, Add	*8.43*	
		For Thermoseal, Add	*0.63*	

08 72 43 00-0114 Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0097)*

08 72 43 00-0115 Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*

08 72 43 00-0116 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*

08 72 43 00-0117	LF	4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)	168.34	9.75
		For Thermoseal, Add	*0.63*	
08 72 43 00-0118	LF	5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)	156.44	9.75
		For Thermoseal, Add	*0.63*	
08 72 43 00-0119	LF	6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)	223.07	9.75
		For Thermoseal, Add	*0.63*	
08 72 43 00-0120	LF	7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)	199.99	9.75
		For Thermoseal, Add	*0.63*	

08 72 43 00-0121 1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*

08 72 43 00-0122	LF	5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)	165.72	9.75
		For Thermoseal, Add	*0.63*	

08 72 43 00-0123 Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*

08 72 43 00-0124 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0123)*

08 72 43 00-0125	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	172.66	10.73
		For Thermoseal, Add	*0.63*	
08 72 43 00-0126	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	180.87	10.73
		For Thermoseal, Add	*0.63*	
08 72 43 00-0127	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	225.26	10.73
		For Thermoseal, Add	*0.63*	
08 72 43 00-0128	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	205.86	11.21
		For Thermoseal, Add	*0.63*	

08 72 43 00-0129 Carpet Separator Thresholds *(08 72 43 00-0001)*

08 72 43 00-0130 Aluminum, Carpet Separator Thresholds *(08 72 43 00-0129)*

Note: Includes mill finish.

08 72 43 00-0131 3/8" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*

08 72 43 00-0132	LF	2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	28.02	7.80
		For Color Anodized Finish, Add	*3.41*	

08 72 43 00-0133 7/16" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*

08 72 43 00-0134	LF	1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)	22.92	6.83
		For Color Anodized Finish, Add	*2.05*	
08 72 43 00-0135	LF	4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)	34.84	7.80
		For Color Anodized Finish, Add	*4.19*	
08 72 43 00-0136	LF	6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)	40.70	7.80
		For Color Anodized Finish, Add	*6.53*	

08 72 43 00-0137 1/2" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*

08 72 43 00-0138	LF	1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)	21.11	6.83
		For Color Anodized Finish, Add	*1.01*	

08 72 43 00-0139 3/4" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*

08 72 43 00-0140	LF	1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)	22.92	6.83
		For Color Anodized Finish, Add	*1.76*	
08 72 43 00-0141	LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)	35.26	9.75
		For Color Anodized Finish, Add	*4.36*	
08 72 43 00-0142	LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)	36.93	9.75
		For Color Anodized Finish, Add	*3.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0143		Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0129)*		
08 72 43 00-0144		3/8" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0145	LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B)	92.20	7.80
08 72 43 00-0146		7/16" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0147	LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	120.13	6.83
08 72 43 00-0148	LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	110.63	9.75
08 72 43 00-0149		Vinyl Transition Thresholds *(08 72 43 00-0001)*		
		Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 72 43 00-0150		Carpet To Carpet, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets carpet beneath a door.		
08 72 43 00-0151	LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL)	33.13	7.80
08 72 43 00-0152		Carpet To Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets tile beneath a door.		
08 72 43 00-0153	LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	33.13	7.80
08 72 43 00-0154		Carpet To Concrete, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets concrete beneath a door.		
08 72 43 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL)	35.97	9.75
08 72 43 00-0156		Carpet To VCT Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 72 43 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	38.24	9.75
08 72 43 00-0158		Residential Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0159		Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W)	14.74	4.87
08 72 43 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W)	15.20	4.87
08 72 43 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W)	20.08	5.19
08 72 43 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W)	20.44	5.38
08 72 43 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W)	30.13	5.54
08 72 43 00-0165		Vinyl Top, Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK)	17.30	4.87
08 72 43 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK)	20.86	5.38
08 72 43 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK)	37.19	5.38
08 72 43 00-0169		Vinyl Top, Aluminum Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV)	17.35	4.87
		For Color Anodized Finish, Add	*2.07*	
08 72 43 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV)	20.16	5.38
		For Color Anodized Finish, Add	*2.68*	
08 72 43 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV)	21.28	5.38
		For Color Anodized Finish, Add	*3.13*	
08 72 43 00-0173		Interlocking Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0174		Aluminum Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0175		1/2" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A)	36.60	5.54
		For Color Anodized Finish, Add	*6.83*	
08 72 43 00-0177		5/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A)	24.84	5.19
		For Color Anodized Finish, Add	*3.56*	
08 72 43 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A)	22.81	5.38
		For Color Anodized Finish, Add	*4.68*	
08 72 43 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A)	26.26	5.54
		For Color Anodized Finish, Add	*3.73*	
08 72 43 00-0181		7/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A)	28.50	5.54
		For Color Anodized Finish, Add	*7.33*	
08 72 43 00-0183		Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0173)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0184		1/2" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B)	123.90	5.54
08 72 43 00-0186		5/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B)	93.77	5.38
08 72 43 00-0188		7/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B)	126.88	5.54
08 72 43 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B)	180.81	5.69
08 72 43 00-0191		Residential Door Sills *(08 72 43 00-0001)*		
08 72 43 00-0192		Fixed Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A)	21.80	5.54
		For Color Anodized Finish, Add	*3.98*	
08 72 43 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A)	23.28	5.69
		For Color Anodized Finish, Add	*3.62*	
08 72 43 00-0195		Adjustable Aluminum Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0196	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A)	30.32	5.54
		For Color Anodized Finish, Add	*5.77*	
08 72 43 00-0197	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A)	31.13	5.69
		For Color Anodized Finish, Add	*5.92*	
08 72 43 00-0198		Adjustable Wood Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0199	LF	3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)	30.61	5.38
		For Color Anodized Finish, Add	*6.00*	
08 72 43 00-0200	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)	30.99	5.54
		For Color Anodized Finish, Add	*4.29*	
08 72 43 00-0201	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)	32.31	5.69
		For Color Anodized Finish, Add	*4.52*	
08 72 43 00-0202		Extenders For Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0203	LF	3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A)	13.24	4.87
		For Color Anodized Finish, Add	*2.44*	
08 72 43 00-0204	LF	2" Extender For Aluminum Residential Door Sills (Pemko EXT2A)	14.36	4.87
		For Color Anodized Finish, Add	*2.31*	
08 72 43 00-0205	LF	3" Extender For Aluminum Residential Door Sills (Pemko EXT3A)	15.47	4.87
		For Color Anodized Finish, Add	*1.43*	
08 72 43 00-0206		Stone Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0207		Marble Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0208	LF	2" Width, 5/8" Height, Plain Marble Threshold	17.14	6.79
08 72 43 00-0209	LF	4" Width, 5/8" Height, Plain Marble Threshold	18.62	6.79
08 72 43 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold	20.61	6.79
08 72 43 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold	25.12	6.79
08 72 43 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold	30.37	6.79
08 72 43 00-0213		Corian Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0214	LF	Up To 5-3/4" Width, Corian Threshold	56.90	8.09
08 75		**Window Hardware** *(08 70)*		
08 75 13		**Automatic Window Equipment** *(08 75)*		
08 75 13 00-0001		Window Opener Electric, With 1/2 HP Motor *(08 75 13)*		
08 75 13 00-0002	EA	Gym Window Electronic Opener	1,332.40	207.73
08 78		**Special Function Hardware** *(08 70)*		
08 78 00 00-0001		Pad Locks *(08 78)*		
08 78 00 00-0002	EA	Combination Padlock	20.54	4.88
08 78 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height	48.18	4.88
08 78 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height	44.43	4.88
08 78 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height	49.07	4.88
08 78 00 00-0006	EA	Commercial U-Bar Lock	59.81	4.88
08 78 00 00-0007	EA	Weather Tough Padlocks Keyed Alike	50.01	4.88
08 78 00 00-0008	EA	High Security Padlocks	45.05	4.88
08 78 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike	23.26	4.88

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 79 Hardware Accessories *(08 70)*

08 79 13 Key Storage Equipment *(08 79)*

08 79 13 00-0001 Key Cabinet *(08 79 13)*

08 79 13 00-0002 Key Cabinets *(08 79 13 00-0001)*

08 79 13 00-0003	EA	Wall Mounted Key Cabinet, Up To 30 Keys	315.58	17.55
08 79 13 00-0004	EA	Wall Mounted Key Cabinet, Up To 60 Keys	424.54	19.50
08 79 13 00-0005	EA	Wall Mounted Key Cabinet, Up To 240 Keys	946.84	29.25
08 79 13 00-0006	EA	Wall Mounted Key Cabinet, Up To 1,200 Keys	2,425.59	39.00
08 79 13 00-0007	EA	Drawer Type Key Cabinet, Up To 600 Keys	2,581.87	25.83
08 79 13 00-0008	EA	Drawer Type Key Cabinet, Up To 2,400 Keys	5,816.74	19.50
08 79 13 00-0009	EA	Tray Type Key Cabinet, Up To 20 Keys	132.98	7.80
08 79 13 00-0010	EA	Tray Type Key Cabinet, Up To 50 Keys	189.05	9.75

08 79 13 00-0011 Key Boxes Wall Mounted On Any Type Wall, With Anchor *(08 79 13 00-0001)*

08 79 13 00-0012	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High	183.16	14.63
08 79 13 00-0013	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High	206.64	14.63
08 79 13 00-0014	EA	Relocate Key Box, Metal, 3" Deep x 10" Wide x 12" High, Including Storage And Cleaning	49.74	
08 79 13 00-0015	EA	Relocate Heavy Duty Key Box, With Combo Lock Door, Including Storage And Cleaning	112.15	

08 80 Glazing *(08)*

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 Glass Glazing *(08 80)*

08 81 23 Exterior Glass Glazing *(08 81)*

08 81 23 13 Factory Installed Glass Glazing *(08 81 23)*

08 81 23 13-0001 Clear Float Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0002 Clear Float Factory Installed Glass *(08 81 23 13-0001)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0003	SF	1/8" Thick, Clear Float Factory Installed Glass	3.17
		For >50 To 200, Deduct	*-0.10*
		For >200 To 400, Deduct	*-0.19*
		For >400, Deduct	*-0.29*
		For Tinted Glass, Add	*0.79*
		For Reflective Coated Glass, Add	*1.43*
		For Low-E Coated Glass, Add	*0.79*
08 81 23 13-0004	SF	3/16" Thick, Clear Float Factory Installed Glass	3.40
		For >50 To 200, Deduct	*-0.10*
		For >200 To 400, Deduct	*-0.20*
		For >400, Deduct	*-0.31*
		For Tinted Glass, Add	*0.85*
		For Reflective Coated Glass, Add	*1.53*
		For Low-E Coated Glass, Add	*0.85*
08 81 23 13-0005	SF	1/4" Thick, Clear Float Factory Installed Glass	4.12
		For >50 To 200, Deduct	*-0.12*
		For >200 To 400, Deduct	*-0.25*
		For >400, Deduct	*-0.37*
		For Tinted Glass, Add	*1.03*
		For Reflective Coated Glass, Add	*1.85*
		For Low-E Coated Glass, Add	*1.03*
08 81 23 13-0006	SF	5/16" Thick, Clear Float Factory Installed Glass	6.85
		For >50 To 200, Deduct	*-0.21*
		For >200 To 400, Deduct	*-0.41*
		For >400, Deduct	*-0.62*
		For Tinted Glass, Add	*1.71*
		For Reflective Coated Glass, Add	*3.08*
		For Low-E Coated Glass, Add	*1.71*
08 81 23 13-0007	SF	3/8" Thick, Clear Float Factory Installed Glass	9.96
		For >50 To 200, Deduct	*-0.30*
		For >200 To 400, Deduct	*-0.60*
		For >400, Deduct	*-0.90*
		For Tinted Glass, Add	*2.49*
		For Reflective Coated Glass, Add	*4.48*
		For Low-E Coated Glass, Add	*2.49*
08 81 23 13-0008	SF	1/2" Thick, Clear Float Factory Installed Glass	10.95
		For >50 To 200, Deduct	*-0.33*
		For >200 To 400, Deduct	*-0.66*
		For >400, Deduct	*-0.99*
		For Tinted Glass, Add	*2.74*
		For Reflective Coated Glass, Add	*4.93*
		For Low-E Coated Glass, Add	*2.74*
08 81 23 13-0009	SF	5/8" Thick, Clear Float Factory Installed Glass	13.09
		For >50 To 200, Deduct	*-0.39*
		For >200 To 400, Deduct	*-0.79*
		For >400, Deduct	*-1.18*
		For Tinted Glass, Add	*3.27*
		For Reflective Coated Glass, Add	*5.89*
		For Low-E Coated Glass, Add	*3.27*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0010	SF	3/4" Thick, Clear Float Factory Installed Glass	16.17	
		For >50 To 200, Deduct	*-0.49*	
		For >200 To 400, Deduct	*-0.97*	
		For >400, Deduct	*-1.46*	
		For Tinted Glass, Add	*4.04*	
		For Reflective Coated Glass, Add	*7.28*	
		For Low-E Coated Glass, Add	*4.04*	
08 81 23 13-0011		Heat Treated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0012		Tempered, Clear Float Factory Installed Glass *(08 81 23 13-0011)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0013	SF	1/8" Thick, Tempered, Clear Float Factory Installed Glass	4.59	
		For >50 To 200, Deduct	*-0.14*	
		For >200 To 400, Deduct	*-0.28*	
		For >400, Deduct	*-0.41*	
		For Tinted Glass, Add	*1.15*	
		For Reflective Coated Glass, Add	*2.07*	
		For Low-E Coated Glass, Add	*1.15*	
08 81 23 13-0014	SF	3/16" Thick, Tempered, Clear Float Factory Installed Glass	4.91	
		For >50 To 200, Deduct	*-0.15*	
		For >200 To 400, Deduct	*-0.29*	
		For >400, Deduct	*-0.44*	
		For Tinted Glass, Add	*1.23*	
		For Reflective Coated Glass, Add	*2.21*	
		For Low-E Coated Glass, Add	*1.23*	
08 81 23 13-0015	SF	1/4" Thick, Tempered, Clear Float Factory Installed Glass	5.97	
		For >50 To 200, Deduct	*-0.18*	
		For >200 To 400, Deduct	*-0.36*	
		For >400, Deduct	*-0.54*	
		For Tinted Glass, Add	*1.49*	
		For Reflective Coated Glass, Add	*2.69*	
		For Low-E Coated Glass, Add	*1.49*	
08 81 23 13-0016	SF	5/16" Thick, Tempered, Clear Float Factory Installed Glass	9.94	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.60*	
		For >400, Deduct	*-0.89*	
		For Tinted Glass, Add	*2.49*	
		For Reflective Coated Glass, Add	*4.47*	
		For Low-E Coated Glass, Add	*2.49*	
08 81 23 13-0017	SF	3/8" Thick, Tempered, Clear Float Factory Installed Glass	14.45	
		For >50 To 200, Deduct	*-0.43*	
		For >200 To 400, Deduct	*-0.87*	
		For >400, Deduct	*-1.30*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*6.50*	
		For Low-E Coated Glass, Add	*3.61*	
08 81 23 13-0018	SF	1/2" Thick, Tempered, Clear Float Factory Installed Glass	15.87	
		For >50 To 200, Deduct	*-0.48*	
		For >200 To 400, Deduct	*-0.95*	
		For >400, Deduct	*-1.43*	
		For Tinted Glass, Add	*3.97*	
		For Reflective Coated Glass, Add	*7.14*	
		For Low-E Coated Glass, Add	*3.97*	
08 81 23 13-0019	SF	5/8" Thick, Tempered, Clear Float Factory Installed Glass	18.99	
		For >50 To 200, Deduct	*-0.57*	
		For >200 To 400, Deduct	*-1.14*	
		For >400, Deduct	*-1.71*	
		For Tinted Glass, Add	*4.75*	
		For Reflective Coated Glass, Add	*8.55*	
		For Low-E Coated Glass, Add	*4.75*	
08 81 23 13-0020	SF	3/4" Thick, Tempered, Clear Float Factory Installed Glass	23.46	
		For >50 To 200, Deduct	*-0.70*	
		For >200 To 400, Deduct	*-1.41*	
		For >400, Deduct	*-2.11*	
		For Tinted Glass, Add	*5.87*	
		For Reflective Coated Glass, Add	*10.56*	
		For Low-E Coated Glass, Add	*5.87*	
08 81 23 13-0021		Patterned Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0022		Rough Obscure, Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Class II, Form 3, Finish F1.		
08 81 23 13-0023	SF	1/4" Thick, Rough Obscure, Factory Installed Glass	9.01	
08 81 23 13-0024		Patterned, Figured Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 13-0025	SF	1/8" Thick, Patterned, Figured Factory Installed Glass	5.47	
08 81 23 13-0026	SF	7/32" Thick, Patterned, Figured Factory Installed Glass	5.47	
08 81 23 13-0027		Wired Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0028		Square Or Diamond Pattern, Wired Factory Installed Glass *(08 81 23 13-0027)*		
		Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 13-0029	SF	1/4" Thick, Square Pattern, Wired Factory Installed Glass	14.17	
08 81 23 13-0030	SF	1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	14.17	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0031		Polished, Wired Factory Installed Glass *(08 81 23 13-0027)*		
08 81 23 13-0032	SF	1/4" Thick, Polished, Wired Factory Installed Glass	15.49	
08 81 23 13-0033		Frosted Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0034		Frosted Factory Installed Glass *(08 81 23 13-0033)*		
08 81 23 13-0035	SF	1/8" Thick, Frosted Factory Installed Glass	7.16	
		For >50 To 200, Deduct	*-0.21*	
		For >200 To 400, Deduct	*-0.43*	
		For >400, Deduct	*-0.64*	
08 81 23 13-0036	SF	3/16" Thick, Frosted Factory Installed Glass	9.40	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.56*	
		For >400, Deduct	*-0.85*	
08 81 23 13-0037	SF	1/4" Thick, Frosted Factory Installed Glass	11.88	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.71*	
		For >400, Deduct	*-1.07*	
08 81 23 13-0038	SF	3/8" Thick, Frosted Factory Installed Glass	17.76	
		For >50 To 200, Deduct	*-0.53*	
		For >200 To 400, Deduct	*-1.07*	
		For >400, Deduct	*-1.60*	
08 81 23 13-0039		Fire Rated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0040		Fire Rated Factory Installed Glass *(08 81 23 13-0039)*		
08 81 23 13-0041	SF	20 Minute, Fire Rated Factory Installed Glass	19.45	
08 81 23 13-0042	SF	45 Minute, Fire Rated Factory Installed Glass	38.72	
08 81 23 13-0043	SF	60 Minute, Fire Rated Factory Installed Glass	59.84	
08 81 23 13-0044	SF	90 Minute, Fire Rated Factory Installed Glass	79.20	
08 81 23 13-0045		Laminated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0046		Laminated Glass With PVB Interlayer, Factory Installed Glass *(08 81 23 13-0045)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	12.62	
		For >50 To 200, Deduct	*-0.38*	
		For >200 To 400, Deduct	*-0.76*	
		For >400, Deduct	*-1.14*	
		For Tinted Glass, Add	*3.16*	
		For Reflective Coated Glass, Add	*5.68*	
		For Low-E Coated Glass, Add	*3.16*	
		For One Piece Heat Strengthened Glass, Add	*2.52*	
		For One Piece Fully Tempered Glass, Add	*2.52*	
08 81 23 13-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	15.75	
		For >50 To 200, Deduct	*-0.47*	
		For >200 To 400, Deduct	*-0.95*	
		For >400, Deduct	*-1.42*	
		For Tinted Glass, Add	*3.94*	
		For Reflective Coated Glass, Add	*7.09*	
		For Low-E Coated Glass, Add	*3.94*	
		For One Piece Heat Strengthened Glass, Add	*3.15*	
		For One Piece Fully Tempered Glass, Add	*3.15*	
08 81 23 13-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	21.41	
		For >50 To 200, Deduct	*-0.64*	
		For >200 To 400, Deduct	*-1.28*	
		For >400, Deduct	*-1.93*	
		For Tinted Glass, Add	*5.35*	
		For Reflective Coated Glass, Add	*9.63*	
		For Low-E Coated Glass, Add	*5.35*	
		For One Piece Heat Strengthened Glass, Add	*4.28*	
		For One Piece Fully Tempered Glass, Add	*4.28*	
08 81 23 13-0050		Insulated Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0051		Insulated, Factory Installed Glass *(08 81 23 13-0050)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0052		3/16" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0053	SF	3/8" Thick, Insulated Factory Installed Glass Note: Two 3/32" lites with 3/16" air space.	8.36	
		For >50 To 200, Deduct	*-0.25*	
		For >200 To 400, Deduct	*-0.50*	
		For >400, Deduct	*-0.75*	
		For Tinted Glass, Add	*2.09*	
		For Reflective Coated Glass, Add	*3.76*	
		For Low-E Coated Glass, Add	*2.09*	
		For One Piece Heat Strengthened Glass, Add	*1.67*	
		For One Piece Fully Tempered Glass, Add	*1.67*	
		For One Piece Obscure Glass, Add	*3.55*	
		For Argon Gas, Add	*2.30*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0054		SF	1/2" Thick, Insulated Factory Installed Glass Note: One 3/16" lite and one 1/8" lite with 3/16" air space.	9.13	
			For >50 To 200, Deduct	*-0.27*	
			For >200 To 400, Deduct	*-0.55*	
			For >400, Deduct	*-0.82*	
			For Tinted Glass, Add	*2.28*	
			For Reflective Coated Glass, Add	*4.11*	
			For Low-E Coated Glass, Add	*2.28*	
			For One Piece Heat Strengthened Glass, Add	*1.83*	
			For One Piece Fully Tempered Glass, Add	*1.83*	
			For One Piece Obscure Glass, Add	*3.88*	
			For Argon Gas, Add	*2.51*	
08 81 23 13-0055		SF	9/16" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 3/16" air space.	9.15	
			For >50 To 200, Deduct	*-0.27*	
			For >200 To 400, Deduct	*-0.55*	
			For >400, Deduct	*-0.82*	
			For Tinted Glass, Add	*2.29*	
			For Reflective Coated Glass, Add	*4.12*	
			For Low-E Coated Glass, Add	*2.29*	
			For One Piece Heat Strengthened Glass, Add	*1.83*	
			For One Piece Fully Tempered Glass, Add	*1.83*	
			For One Piece Obscure Glass, Add	*3.89*	
			For Argon Gas, Add	*2.52*	
08 81 23 13-0056			1/4" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0057		SF	7/16" Thick, Insulated Factory Installed Glass Note: Two 3/32" lites with 1/4" air space.	8.61	
			For >50 To 200, Deduct	*-0.26*	
			For >200 To 400, Deduct	*-0.52*	
			For >400, Deduct	*-0.77*	
			For Tinted Glass, Add	*2.15*	
			For Reflective Coated Glass, Add	*3.87*	
			For Low-E Coated Glass, Add	*2.15*	
			For One Piece Heat Strengthened Glass, Add	*1.72*	
			For One Piece Fully Tempered Glass, Add	*1.72*	
			For One Piece Obscure Glass, Add	*3.66*	
			For Argon Gas, Add	*2.37*	
08 81 23 13-0058		SF	1/2" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/4" air space.	9.13	
			For >50 To 200, Deduct	*-0.27*	
			For >200 To 400, Deduct	*-0.55*	
			For >400, Deduct	*-0.82*	
			For Tinted Glass, Add	*2.28*	
			For Reflective Coated Glass, Add	*4.11*	
			For Low-E Coated Glass, Add	*2.28*	
			For One Piece Heat Strengthened Glass, Add	*1.83*	
			For One Piece Fully Tempered Glass, Add	*1.83*	
			For One Piece Obscure Glass, Add	*3.88*	
			For Argon Gas, Add	*2.51*	
08 81 23 13-0059		SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space.	9.24	
			For >50 To 200, Deduct	*-0.28*	
			For >200 To 400, Deduct	*-0.55*	
			For >400, Deduct	*-0.83*	
			For Tinted Glass, Add	*2.31*	
			For Reflective Coated Glass, Add	*4.16*	
			For Low-E Coated Glass, Add	*2.31*	
			For One Piece Heat Strengthened Glass, Add	*1.85*	
			For One Piece Fully Tempered Glass, Add	*1.85*	
			For One Piece Obscure Glass, Add	*3.93*	
			For Argon Gas, Add	*2.54*	
08 81 23 13-0060		SF	5/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	9.24	
			For >50 To 200, Deduct	*-0.28*	
			For >200 To 400, Deduct	*-0.55*	
			For >400, Deduct	*-0.83*	
			For Tinted Glass, Add	*2.31*	
			For Reflective Coated Glass, Add	*4.16*	
			For Low-E Coated Glass, Add	*2.31*	
			For One Piece Heat Strengthened Glass, Add	*1.85*	
			For One Piece Fully Tempered Glass, Add	*1.85*	
			For One Piece Obscure Glass, Add	*3.93*	
			For Argon Gas, Add	*2.54*	
08 81 23 13-0061		SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/4" air space.	9.68	
			For >50 To 200, Deduct	*-0.29*	
			For >200 To 400, Deduct	*-0.58*	
			For >400, Deduct	*-0.87*	
			For Tinted Glass, Add	*2.42*	
			For Reflective Coated Glass, Add	*4.36*	
			For Low-E Coated Glass, Add	*2.42*	
			For One Piece Heat Strengthened Glass, Add	*1.94*	
			For One Piece Fully Tempered Glass, Add	*1.94*	
			For One Piece Obscure Glass, Add	*4.11*	
			For Argon Gas, Add	*2.66*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0062		3/8" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0063	SF	5/8" Thick, Insulated Factory Installed Glass	9.24	
		Note: Two 1/8" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.55*	
		For >400, Deduct	*-0.83*	
		For Tinted Glass, Add	*2.31*	
		For Reflective Coated Glass, Add	*4.16*	
		For Low-E Coated Glass, Add	*2.31*	
		For One Piece Heat Strengthened Glass, Add	*1.85*	
		For One Piece Fully Tempered Glass, Add	*1.85*	
		For One Piece Obscure Glass, Add	*3.93*	
		For Argon Gas, Add	*2.54*	
08 81 23 13-0064	SF	3/4" Thick, Insulated Factory Installed Glass	9.68	
		Note: Two 3/16" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.29*	
		For >200 To 400, Deduct	*-0.58*	
		For >400, Deduct	*-0.87*	
		For Tinted Glass, Add	*2.42*	
		For Reflective Coated Glass, Add	*4.36*	
		For Low-E Coated Glass, Add	*2.42*	
		For One Piece Heat Strengthened Glass, Add	*1.94*	
		For One Piece Fully Tempered Glass, Add	*1.94*	
		For One Piece Obscure Glass, Add	*4.11*	
		For Argon Gas, Add	*2.66*	
08 81 23 13-0065	SF	7/8" Thick, Insulated Factory Installed Glass	10.74	
		Note: Two 1/4" lites with 3/8" air space.		
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.64*	
		For >400, Deduct	*-0.97*	
		For Tinted Glass, Add	*2.69*	
		For Reflective Coated Glass, Add	*4.83*	
		For Low-E Coated Glass, Add	*2.69*	
		For One Piece Heat Strengthened Glass, Add	*2.15*	
		For One Piece Fully Tempered Glass, Add	*2.15*	
		For One Piece Obscure Glass, Add	*4.56*	
		For Argon Gas, Add	*2.95*	
08 81 23 13-0066		1/2" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0067	SF	3/4" Thick, Insulated Factory Installed Glass	9.68	
		Note: Two 1/8" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-0.29*	
		For >200 To 400, Deduct	*-0.58*	
		For >400, Deduct	*-0.87*	
		For Tinted Glass, Add	*2.42*	
		For Reflective Coated Glass, Add	*4.36*	
		For Low-E Coated Glass, Add	*2.42*	
		For One Piece Heat Strengthened Glass, Add	*1.94*	
		For One Piece Fully Tempered Glass, Add	*1.94*	
		For One Piece Obscure Glass, Add	*4.11*	
		For Argon Gas, Add	*2.66*	
08 81 23 13-0068	SF	7/8" Thick, Insulated Factory Installed Glass	10.74	
		Note: Two 3/16" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.64*	
		For >400, Deduct	*-0.97*	
		For Tinted Glass, Add	*2.69*	
		For Reflective Coated Glass, Add	*4.83*	
		For Low-E Coated Glass, Add	*2.69*	
		For One Piece Heat Strengthened Glass, Add	*2.15*	
		For One Piece Fully Tempered Glass, Add	*2.15*	
		For One Piece Obscure Glass, Add	*4.56*	
		For Argon Gas, Add	*2.95*	
08 81 23 13-0069	SF	7/8" Thick, Insulated Factory Installed Glass	10.74	
		Note: One 1/4" lite and one 1/8" lite with 1/2" air space.		
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.64*	
		For >400, Deduct	*-0.97*	
		For Tinted Glass, Add	*2.69*	
		For Reflective Coated Glass, Add	*4.83*	
		For Low-E Coated Glass, Add	*2.69*	
		For One Piece Heat Strengthened Glass, Add	*2.15*	
		For One Piece Fully Tempered Glass, Add	*2.15*	
		For One Piece Obscure Glass, Add	*4.56*	
		For Argon Gas, Add	*2.95*	
08 81 23 13-0070	SF	1" Thick, Insulated Factory Installed Glass	11.74	
		Note: Two 1/4" lites with 1/2" air space.		
		For >50 To 200, Deduct	*-0.35*	
		For >200 To 400, Deduct	*-0.70*	
		For >400, Deduct	*-1.06*	
		For Tinted Glass, Add	*2.94*	
		For Reflective Coated Glass, Add	*5.28*	
		For Low-E Coated Glass, Add	*2.94*	
		For One Piece Heat Strengthened Glass, Add	*2.35*	
		For One Piece Fully Tempered Glass, Add	*2.35*	
		For One Piece Obscure Glass, Add	*4.99*	
		For Argon Gas, Add	*3.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23		**Field Installed Glass Glazing** *(08 81 23)*		
08 81 23 23-0001		Heat Treated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0002		Tempered, Clear Float Field Installed Glass *(08 81 23 23-0001)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0003	SF	1/8" Thick, Tempered, Clear Float Field Installed Glass	17.72	
		For >50 To 200, Deduct	*-0.14*	
		For >200 To 400, Deduct	*-0.28*	
		For >400, Deduct	*-0.41*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.13*	
		For Tinted Glass, Add	*1.15*	
		For Reflective Coated Glass, Add	*2.07*	
		For Low-E Coated Glass, Add	*1.15*	
08 81 23 23-0004	SF	3/16" Thick, Tempered, Clear Float Field Installed Glass	19.04	
		For >50 To 200, Deduct	*-0.15*	
		For >200 To 400, Deduct	*-0.29*	
		For >400, Deduct	*-0.44*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.13*	
		For Tinted Glass, Add	*1.23*	
		For Reflective Coated Glass, Add	*2.21*	
		For Low-E Coated Glass, Add	*1.23*	
08 81 23 23-0005	SF	1/4" Thick, Tempered, Clear Float Field Installed Glass	21.11	
		For >50 To 200, Deduct	*-0.18*	
		For >200 To 400, Deduct	*-0.36*	
		For >400, Deduct	*-0.54*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	
		For Tinted Glass, Add	*1.49*	
		For Reflective Coated Glass, Add	*2.69*	
		For Low-E Coated Glass, Add	*1.49*	
08 81 23 23-0006	SF	5/16" Thick, Tempered, Clear Float Field Installed Glass	27.10	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.60*	
		For >400, Deduct	*-0.89*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.16*	
		For Tinted Glass, Add	*2.49*	
		For Reflective Coated Glass, Add	*4.47*	
		For Low-E Coated Glass, Add	*2.49*	
08 81 23 23-0007	SF	3/8" Thick, Tempered, Clear Float Field Installed Glass	33.63	
		For >50 To 200, Deduct	*-0.43*	
		For >200 To 400, Deduct	*-0.87*	
		For >400, Deduct	*-1.30*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.18*	
		For Tinted Glass, Add	*3.61*	
		For Reflective Coated Glass, Add	*6.50*	
		For Low-E Coated Glass, Add	*3.61*	
08 81 23 23-0008	SF	1/2" Thick, Tempered, Clear Float Field Installed Glass	37.07	
		For >50 To 200, Deduct	*-0.48*	
		For >200 To 400, Deduct	*-0.95*	
		For >400, Deduct	*-1.43*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.20*	
		For Tinted Glass, Add	*3.97*	
		For Reflective Coated Glass, Add	*7.14*	
		For Low-E Coated Glass, Add	*3.97*	
08 81 23 23-0009	SF	5/8" Thick, Tempered, Clear Float Field Installed Glass	45.23	
		For >50 To 200, Deduct	*-0.57*	
		For >200 To 400, Deduct	*-1.14*	
		For >400, Deduct	*-1.71*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*26.24*	
		For Tinted Glass, Add	*4.75*	
		For Reflective Coated Glass, Add	*8.55*	
		For Low-E Coated Glass, Add	*4.75*	
08 81 23 23-0010	SF	3/4" Thick, Tempered, Clear Float Field Installed Glass	54.75	
		For >50 To 200, Deduct	*-0.70*	
		For >200 To 400, Deduct	*-1.41*	
		For >400, Deduct	*-2.11*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*31.29*	
		For Tinted Glass, Add	*5.87*	
		For Reflective Coated Glass, Add	*10.56*	
		For Low-E Coated Glass, Add	*5.87*	
08 81 23 23-0011		Clear Float Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0012		Clear Float Field Installed Glass *(08 81 23 23-0011)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0013	SF	1/8" Thick, Clear Float Field Installed Glass	16.30	
		For >50 To 200, Deduct	*-0.10*	
		For >200 To 400, Deduct	*-0.19*	
		For >400, Deduct	*-0.29*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.13*	
		For Tinted Glass, Add	*0.79*	
		For Reflective Coated Glass, Add	*1.43*	
		For Low-E Coated Glass, Add	*0.79*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0014	SF	3/16" Thick, Clear Float Field Installed Glass	17.53	
		For >50 To 200, Deduct	*-0.10*	
		For >200 To 400, Deduct	*-0.20*	
		For >400, Deduct	*-0.31*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.13*	
		For Tinted Glass, Add	*0.85*	
		For Reflective Coated Glass, Add	*1.53*	
		For Low-E Coated Glass, Add	*0.85*	
08 81 23 23-0015	SF	1/4" Thick, Clear Float Field Installed Glass	19.26	
		For >50 To 200, Deduct	*-0.12*	
		For >200 To 400, Deduct	*-0.25*	
		For >400, Deduct	*-0.37*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	
		For Tinted Glass, Add	*1.03*	
		For Reflective Coated Glass, Add	*1.85*	
		For Low-E Coated Glass, Add	*1.03*	
08 81 23 23-0016	SF	5/16" Thick, Clear Float Field Installed Glass	24.01	
		For >50 To 200, Deduct	*-0.21*	
		For >200 To 400, Deduct	*-0.41*	
		For >400, Deduct	*-0.62*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.16*	
		For Tinted Glass, Add	*1.71*	
		For Reflective Coated Glass, Add	*3.08*	
		For Low-E Coated Glass, Add	*1.71*	
08 81 23 23-0017	SF	3/8" Thick, Clear Float Field Installed Glass	29.14	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.60*	
		For >400, Deduct	*-0.90*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.18*	
		For Tinted Glass, Add	*2.49*	
		For Reflective Coated Glass, Add	*4.48*	
		For Low-E Coated Glass, Add	*2.49*	
08 81 23 23-0018	SF	1/2" Thick, Clear Float Field Installed Glass	32.15	
		For >50 To 200, Deduct	*-0.33*	
		For >200 To 400, Deduct	*-0.66*	
		For >400, Deduct	*-0.99*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.20*	
		For Tinted Glass, Add	*2.74*	
		For Reflective Coated Glass, Add	*4.93*	
		For Low-E Coated Glass, Add	*2.74*	
08 81 23 23-0019	SF	5/8" Thick, Clear Float Field Installed Glass	39.33	
		For >50 To 200, Deduct	*-0.39*	
		For >200 To 400, Deduct	*-0.79*	
		For >400, Deduct	*-1.18*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*26.24*	
		For Tinted Glass, Add	*3.27*	
		For Reflective Coated Glass, Add	*5.89*	
		For Low-E Coated Glass, Add	*3.27*	
08 81 23 23-0020	SF	3/4" Thick, Clear Float Field Installed Glass	47.46	
		For >50 To 200, Deduct	*-0.49*	
		For >200 To 400, Deduct	*-0.97*	
		For >400, Deduct	*-1.46*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*31.29*	
		For Tinted Glass, Add	*4.04*	
		For Reflective Coated Glass, Add	*7.28*	
		For Low-E Coated Glass, Add	*4.04*	

08 81 23 23-0021 Patterned Field Installed Glass *(08 81 23 23)*

08 81 23 23-0022 Rough Obscure Field Installed Glass *(08 81 23 23-0021)*

Note: Class II, Form 3, Finish F1.

08 81 23 23-0023	SF	1/4" Thick, Rough Obscure Field Installed Glass	24.15	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	

08 81 23 23-0024 Patterned, Figured Field Installed Glass *(08 81 23 23-0021)*

Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.

08 81 23 23-0025	SF	1/8" Thick, Patterned, Figured Field Installed Glass	18.60	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.13*	
08 81 23 23-0026	SF	7/32" Thick, Patterned, Figured Field Installed Glass	20.11	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.64*	

08 81 23 23-0027 Wired Field Installed Glass *(08 81 23 23)*

08 81 23 23-0028 Square Or Diamond Pattern, Wired Field Installed Glass *(08 81 23 23-0027)*

Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.

08 81 23 23-0029	SF	1/4" Thick, Square Pattern, Wired Field Installed Glass	29.31	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	
08 81 23 23-0030	SF	1/4" Thick, Diamond Pattern, Wired Field Installed Glass	29.31	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	

08 81 23 23-0031 Polished, Wired Field Installed Glass *(08 81 23 23-0027)*

08 81 23 23-0032	SF	1/4" Thick, Polished, Wired Field Installed Glass	30.63	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	

08 81 23 23-0033 Frosted Field Installed Glass *(08 81 23 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0034		Frosted Field Installed Glass *(08 81 23 23-0033)*		
08 81 23 23-0035	SF	1/8" Thick, Frosted Field Installed Glass	20.29	
		For >50 To 200, Deduct	*-0.21*	
		For >200 To 400, Deduct	*-0.43*	
		For >400, Deduct	*-0.64*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*13.13*	
08 81 23 23-0036	SF	3/16" Thick, Frosted Field Installed Glass	23.53	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.56*	
		For >400, Deduct	*-0.85*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.13*	
08 81 23 23-0037	SF	1/4" Thick, Frosted Field Installed Glass	27.02	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.71*	
		For >400, Deduct	*-1.07*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	
08 81 23 23-0038	SF	3/8" Thick, Frosted Field Installed Glass	36.94	
		For >50 To 200, Deduct	*-0.53*	
		For >200 To 400, Deduct	*-1.07*	
		For >400, Deduct	*-1.60*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.18*	
08 81 23 23-0039		Fire Rated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0040		Fire Rated Field Installed Glass *(08 81 23 23-0039)*		
08 81 23 23-0041	SF	20 Minute, Fire Rated Field Installed Glass	34.59	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	
08 81 23 23-0042	SF	45 Minute, Fire Rated Field Installed Glass	53.86	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	
08 81 23 23-0043	SF	60 Minute, Fire Rated Field Installed Glass	74.98	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	
08 81 23 23-0044	SF	90 Minute, Fire Rated Field Installed Glass	94.34	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	
08 81 23 23-0045		Laminated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0046		Laminated Glass With PVB Interlayer, Field Installed Glass *(08 81 23 23-0045)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	27.76	
		For >50 To 200, Deduct	*-0.38*	
		For >200 To 400, Deduct	*-0.76*	
		For >400, Deduct	*-1.14*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.14*	
		For Tinted Glass, Add	*3.16*	
		For Reflective Coated Glass, Add	*5.68*	
		For Low-E Coated Glass, Add	*3.16*	
		For One Piece Heat Strengthened Glass, Add	*2.52*	
		For One Piece Fully Tempered Glass, Add	*2.52*	
08 81 23 23-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	34.93	
		For >50 To 200, Deduct	*-0.47*	
		For >200 To 400, Deduct	*-0.95*	
		For >400, Deduct	*-1.42*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.18*	
		For Tinted Glass, Add	*3.94*	
		For Reflective Coated Glass, Add	*7.09*	
		For Low-E Coated Glass, Add	*3.94*	
		For One Piece Heat Strengthened Glass, Add	*3.15*	
		For One Piece Fully Tempered Glass, Add	*3.15*	
08 81 23 23-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	42.61	
		For >50 To 200, Deduct	*-0.64*	
		For >200 To 400, Deduct	*-1.28*	
		For >400, Deduct	*-1.93*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.20*	
		For Tinted Glass, Add	*5.35*	
		For Reflective Coated Glass, Add	*9.63*	
		For Low-E Coated Glass, Add	*5.35*	
		For One Piece Heat Strengthened Glass, Add	*4.28*	
		For One Piece Fully Tempered Glass, Add	*4.28*	
08 81 23 23-0050	SF	9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	45.79	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.70*	
		For Tinted Glass, Add	*6.02*	
		For Reflective Coated Glass, Add	*10.84*	
		For Low-E Coated Glass, Add	*6.02*	
		For One Piece Heat Strengthened Glass, Add	*4.82*	
		For One Piece Fully Tempered Glass, Add	*4.82*	
08 81 23 23-0051		Insulated Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0052		Insulated Glass, Field Installed Glass *(08 81 23 23-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0053		3/16" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*		
		Note: Type I, Class I, Quality Q3.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0054	SF	3/8" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 3/16" air space.	25.32	
		For >50 To 200, Deduct	*-0.25*	
		For >200 To 400, Deduct	*-0.50*	
		For >400, Deduct	*-0.75*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.96*	
		For Tinted Glass, Add	*2.09*	
		For Reflective Coated Glass, Add	*3.76*	
		For Low-E Coated Glass, Add	*2.09*	
		For One Piece Heat Strengthened Glass, Add	*1.67*	
		For One Piece Fully Tempered Glass, Add	*1.67*	
		For One Piece Obscure Glass, Add	*3.55*	
		For Argon Gas, Add	*2.30*	
08 81 23 23-0055	SF	1/2" Thick, Insulated Field Installed Glass Note: One 3/16" lite and one 1/8" lite with 3/16" air space.	26.79	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.55*	
		For >400, Deduct	*-0.82*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.66*	
		For Tinted Glass, Add	*2.28*	
		For Reflective Coated Glass, Add	*4.11*	
		For Low-E Coated Glass, Add	*2.28*	
		For One Piece Heat Strengthened Glass, Add	*1.83*	
		For One Piece Fully Tempered Glass, Add	*1.83*	
		For One Piece Obscure Glass, Add	*3.88*	
		For Argon Gas, Add	*2.51*	
08 81 23 23-0056	SF	9/16" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 3/16" air space.	27.11	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.55*	
		For >400, Deduct	*-0.82*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.96*	
		For Tinted Glass, Add	*2.29*	
		For Reflective Coated Glass, Add	*4.12*	
		For Low-E Coated Glass, Add	*2.29*	
		For One Piece Heat Strengthened Glass, Add	*1.83*	
		For One Piece Fully Tempered Glass, Add	*1.83*	
		For One Piece Obscure Glass, Add	*3.89*	
		For Argon Gas, Add	*2.52*	
08 81 23 23-0057		1/4" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0058	SF	7/16" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 1/4" air space.	25.87	
		For >50 To 200, Deduct	*-0.26*	
		For >200 To 400, Deduct	*-0.52*	
		For >400, Deduct	*-0.77*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.26*	
		For Tinted Glass, Add	*2.15*	
		For Reflective Coated Glass, Add	*3.87*	
		For Low-E Coated Glass, Add	*2.15*	
		For One Piece Heat Strengthened Glass, Add	*1.72*	
		For One Piece Fully Tempered Glass, Add	*1.72*	
		For One Piece Obscure Glass, Add	*3.66*	
		For Argon Gas, Add	*2.37*	
08 81 23 23-0059	SF	1/2" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 1/4" air space.	26.79	
		For >50 To 200, Deduct	*-0.27*	
		For >200 To 400, Deduct	*-0.55*	
		For >400, Deduct	*-0.82*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.66*	
		For Tinted Glass, Add	*2.28*	
		For Reflective Coated Glass, Add	*4.11*	
		For Low-E Coated Glass, Add	*2.28*	
		For One Piece Heat Strengthened Glass, Add	*1.83*	
		For One Piece Fully Tempered Glass, Add	*1.83*	
		For One Piece Obscure Glass, Add	*3.88*	
		For Argon Gas, Add	*2.51*	
08 81 23 23-0060	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/4" air space.	28.09	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.55*	
		For >400, Deduct	*-0.83*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.85*	
		For Tinted Glass, Add	*2.31*	
		For Reflective Coated Glass, Add	*4.16*	
		For Low-E Coated Glass, Add	*2.31*	
		For One Piece Heat Strengthened Glass, Add	*1.85*	
		For One Piece Fully Tempered Glass, Add	*1.85*	
		For One Piece Obscure Glass, Add	*3.93*	
		For Argon Gas, Add	*2.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0061	SF	5/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	28.09	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.55*	
		For >400, Deduct	*-0.83*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.85*	
		For Tinted Glass, Add	*2.31*	
		For Reflective Coated Glass, Add	*4.16*	
		For Low-E Coated Glass, Add	*2.31*	
		For One Piece Heat Strengthened Glass, Add	*1.85*	
		For One Piece Fully Tempered Glass, Add	*1.85*	
		For One Piece Obscure Glass, Add	*3.93*	
		For Argon Gas, Add	*2.54*	
08 81 23 23-0062	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/4" air space.	30.24	
		For >50 To 200, Deduct	*-0.29*	
		For >200 To 400, Deduct	*-0.58*	
		For >400, Deduct	*-0.87*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.56*	
		For Tinted Glass, Add	*2.42*	
		For Reflective Coated Glass, Add	*4.36*	
		For Low-E Coated Glass, Add	*2.42*	
		For One Piece Heat Strengthened Glass, Add	*1.94*	
		For One Piece Fully Tempered Glass, Add	*1.94*	
		For One Piece Obscure Glass, Add	*4.11*	
		For Argon Gas, Add	*2.66*	

08 81 23 23-0063 3/8" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0064	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 3/8" air space.	28.09	
		For >50 To 200, Deduct	*-0.28*	
		For >200 To 400, Deduct	*-0.55*	
		For >400, Deduct	*-0.83*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.85*	
		For Tinted Glass, Add	*2.31*	
		For Reflective Coated Glass, Add	*4.16*	
		For Low-E Coated Glass, Add	*2.31*	
		For One Piece Heat Strengthened Glass, Add	*1.85*	
		For One Piece Fully Tempered Glass, Add	*1.85*	
		For One Piece Obscure Glass, Add	*3.93*	
		For Argon Gas, Add	*2.54*	
08 81 23 23-0065	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 3/8" air space.	30.24	
		For >50 To 200, Deduct	*-0.29*	
		For >200 To 400, Deduct	*-0.58*	
		For >400, Deduct	*-0.87*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.56*	
		For Tinted Glass, Add	*2.42*	
		For Reflective Coated Glass, Add	*4.36*	
		For Low-E Coated Glass, Add	*2.42*	
		For One Piece Heat Strengthened Glass, Add	*1.94*	
		For One Piece Fully Tempered Glass, Add	*1.94*	
		For One Piece Obscure Glass, Add	*4.11*	
		For Argon Gas, Add	*2.66*	
08 81 23 23-0066	SF	7/8" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 3/8" air space.	31.74	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.64*	
		For >400, Deduct	*-0.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.00*	
		For Tinted Glass, Add	*2.69*	
		For Reflective Coated Glass, Add	*4.83*	
		For Low-E Coated Glass, Add	*2.69*	
		For One Piece Heat Strengthened Glass, Add	*2.15*	
		For One Piece Fully Tempered Glass, Add	*2.15*	
		For One Piece Obscure Glass, Add	*4.56*	
		For Argon Gas, Add	*2.95*	

08 81 23 23-0067 1/2" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0052)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0068	SF	3/4" Thick, Insulated Field Installed Glass Note: One 1/8" lites with 1/2" air space.	30.24	
		For >50 To 200, Deduct	*-0.29*	
		For >200 To 400, Deduct	*-0.58*	
		For >400, Deduct	*-0.87*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.56*	
		For Tinted Glass, Add	*2.42*	
		For Reflective Coated Glass, Add	*4.36*	
		For Low-E Coated Glass, Add	*2.42*	
		For One Piece Heat Strengthened Glass, Add	*1.94*	
		For One Piece Fully Tempered Glass, Add	*1.94*	
		For One Piece Obscure Glass, Add	*4.11*	
		For Argon Gas, Add	*2.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0069	SF	7/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/2" air space.	31.74	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.64*	
		For >400, Deduct	*-0.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.00*	
		For Tinted Glass, Add	*2.69*	
		For Reflective Coated Glass, Add	*4.83*	
		For Low-E Coated Glass, Add	*2.69*	
		For One Piece Heat Strengthened Glass, Add	*2.15*	
		For One Piece Fully Tempered Glass, Add	*2.15*	
		For One Piece Obscure Glass, Add	*4.56*	
		For Argon Gas, Add	*2.95*	
08 81 23 23-0070	SF	7/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	31.74	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.64*	
		For >400, Deduct	*-0.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.00*	
		For Tinted Glass, Add	*2.69*	
		For Reflective Coated Glass, Add	*4.83*	
		For Low-E Coated Glass, Add	*2.69*	
		For One Piece Heat Strengthened Glass, Add	*2.15*	
		For One Piece Fully Tempered Glass, Add	*2.15*	
		For One Piece Obscure Glass, Add	*4.56*	
		For Argon Gas, Add	*2.95*	
08 81 23 23-0071	SF	1" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/2" air space.	32.94	
		For >50 To 200, Deduct	*-0.35*	
		For >200 To 400, Deduct	*-0.70*	
		For >400, Deduct	*-1.06*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.20*	
		For Tinted Glass, Add	*2.94*	
		For Reflective Coated Glass, Add	*5.28*	
		For Low-E Coated Glass, Add	*2.94*	
		For One Piece Heat Strengthened Glass, Add	*2.35*	
		For One Piece Fully Tempered Glass, Add	*2.35*	
		For One Piece Obscure Glass, Add	*4.99*	
		For Argon Gas, Add	*3.23*	

08 81 23 23-0072 Laminated Insulated Glass, Field Installed Glass *(08 81 23 23-0051)*

08 81 23 23-0073	SF	1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of .060" PVB film between two layers 1/4" thick glass.	74.71	
		For >50 To 200, Deduct	*-1.41*	
		For >200 To 400, Deduct	*-2.82*	
		For >400, Deduct	*-4.23*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*27.75*	
		For Tinted Glass, Add	*11.74*	
		For Reflective Coated Glass, Add	*21.13*	
		For Low-E Coated Glass, Add	*11.74*	
		For Argon Gas, Add	*12.91*	

08 81 23 23-0074 Spandrel Field Installed Glass *(08 81 23 23)*

08 81 23 23-0075 Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass *(08 81 23 23-0074)*

08 81 23 23-0076	SF	1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass	27.03	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.82*	
08 81 23 23-0077	SF	1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass	24.84	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.82*	

08 81 23 23-0078 Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass *(08 81 23 23-0074)*

08 81 23 23-0079 1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass *(08 81 23 23-0078)*

Note: Also with aluminum foil vapor barrier.

08 81 23 23-0080	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass	29.32	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.82*	
08 81 23 23-0081	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass	26.83	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.82*	

08 81 23 23-0082 1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass *(08 81 23 23-0078)*

08 81 23 23-0083	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	33.63	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.82*	
08 81 23 23-0084	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	28.75	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.82*	

08 83 Mirrors *(08 80)*

Note: Kind FT, Type I, Class I, Quality Q1.

08 83 13 Mirrored Glass Glazing *(08 83)*

08 83 13 00-0001 Mirror Glass *(08 83 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 83 13 00-0002		One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0003	SF	1/4" One-Way Vision Glass (Transparent Mirrors)	43.47	7.57
		For >50 To 200, Deduct	*-0.86*	
		For >200 To 400, Deduct	*-1.43*	
		For >400, Deduct	*-2.28*	
08 83 13 00-0004		Tempered, One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0005	SF	1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	56.57	7.57
		For >50 To 200, Deduct	*-1.25*	
		For >200 To 400, Deduct	*-2.08*	
		For >400, Deduct	*-3.33*	
08 83 13 00-0006		Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0007	SF	1/8" Clear Mirror Glass	18.45	6.05
		For >50 To 200, Deduct	*-0.19*	
		For >200 To 400, Deduct	*-0.32*	
		For >400, Deduct	*-0.51*	
08 83 13 00-0008	SF	3/16" Clear Mirror Glass	21.59	7.06
		For >50 To 200, Deduct	*-0.23*	
		For >200 To 400, Deduct	*-0.38*	
		For >400, Deduct	*-0.61*	
08 83 13 00-0009	SF	1/4" Clear Mirror Glass	23.51	7.57
		For >50 To 200, Deduct	*-0.26*	
		For >200 To 400, Deduct	*-0.43*	
		For >400, Deduct	*-0.68*	
08 83 13 00-0010		Tempered, Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0011	SF	1/8" Tempered, Clear Mirror Glass	25.70	6.05
		For >50 To 200, Deduct	*-0.41*	
		For >200 To 400, Deduct	*-0.68*	
		For >400, Deduct	*-1.09*	
08 83 13 00-0012	SF	3/16" Tempered, Clear Mirror Glass	29.27	7.06
		For >50 To 200, Deduct	*-0.46*	
		For >200 To 400, Deduct	*-0.77*	
		For >400, Deduct	*-1.23*	
08 83 13 00-0013	SF	1/4" Tempered, Clear Mirror Glass	32.07	7.57
		For >50 To 200, Deduct	*-0.51*	
		For >200 To 400, Deduct	*-0.86*	
		For >400, Deduct	*-1.37*	
08 83 13 00-0014		Clear Mirror Glass With Laminated Safety Backing *(08 83 13 00-0001)*		
08 83 13 00-0015	SF	1/4" Clear Mirror Glass With Laminated Safety Backing	28.83	7.57
		For >50 To 200, Deduct	*-0.42*	
		For >200 To 400, Deduct	*-0.69*	
		For >400, Deduct	*-1.11*	
08 83 13 00-0016		Laminated Safety Mirror Glass *(08 83 13 00-0001)* Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF	1/4" Laminated Safety Mirror Glass	50.45	7.57
		For >50 To 200, Deduct	*-1.06*	
		For >200 To 400, Deduct	*-1.77*	
		For >400, Deduct	*-2.84*	
08 83 13 00-0018		Accessories For Mirror Glass *(08 83 13)*		
08 83 13 00-0019	LF	1/8" Aluminum J-Channel For Mounting Mirror Glass	4.70	
08 83 13 00-0020	LF	3/16" Aluminum J-Channel For Mounting Mirror Glass	4.79	
08 83 13 00-0021	LF	1/4" Aluminum J-Channel For Mounting Mirror Glass	5.93	
08 83 13 00-0022	LF	Aluminum Frame For Mounting Mirror Glass	7.54	
08 84		Plastic Glazing *(08 80)*		
08 84 00 00-0001		Clear Polycarbonate Glazing (GE Lexan) *(08 84)* See CSI section 08 88 53 00-0026 for security rated polycarbonate glazing.		
08 84 00 00-0002	SF	1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	15.42	
		For >50 To 200, Deduct	*-0.30*	
		For >200 To 400, Deduct	*-0.59*	
		For >400, Deduct	*-0.89*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.52*	
08 84 00 00-0003	SF	3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	16.20	
		For >50 To 200, Deduct	*-0.32*	
		For >200 To 400, Deduct	*-0.63*	
		For >400, Deduct	*-0.95*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.89*	
08 84 00 00-0004	SF	1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	18.85	
		For >50 To 200, Deduct	*-0.43*	
		For >200 To 400, Deduct	*-0.86*	
		For >400, Deduct	*-1.28*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0005	SF	3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	25.95	
		For >50 To 200, Deduct	*-0.77*	
		For >200 To 400, Deduct	*-1.54*	
		For >400, Deduct	*-2.31*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.58*	
08 84 00 00-0006	SF	1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	32.24	
		For >50 To 200, Deduct	*-1.04*	
		For >200 To 400, Deduct	*-2.09*	
		For >400, Deduct	*-3.13*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.35*	
08 84 00 00-0007		Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) *(08 84)*		
08 84 00 00-0008	SF	1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	21.64	
		For >50 To 200, Deduct	*-0.61*	
		For >200 To 400, Deduct	*-1.21*	
		For >400, Deduct	*-1.82*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.52*	
08 84 00 00-0009	SF	3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	24.81	
		For >50 To 200, Deduct	*-0.75*	
		For >200 To 400, Deduct	*-1.49*	
		For >400, Deduct	*-2.24*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.89*	
08 84 00 00-0010	SF	1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	26.16	
		For >50 To 200, Deduct	*-0.79*	
		For >200 To 400, Deduct	*-1.59*	
		For >400, Deduct	*-2.38*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.29*	
08 84 00 00-0011	SF	3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	41.24	
		For >50 To 200, Deduct	*-1.53*	
		For >200 To 400, Deduct	*-3.07*	
		For >400, Deduct	*-4.60*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.58*	
08 84 00 00-0012	SF	1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	43.85	
		For >50 To 200, Deduct	*-1.63*	
		For >200 To 400, Deduct	*-3.25*	
		For >400, Deduct	*-4.88*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.35*	
08 84 00 00-0013		Clear Acrylic Glazing (Plexiglas) *(08 84)*		
08 84 00 00-0014	SF	1/10" Thick, Clear Acrylic Glazing (Plexiglas)	12.11	
		For >50 To 200, Deduct	*-0.15*	
		For >200 To 400, Deduct	*-0.30*	
		For >400, Deduct	*-0.45*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.09*	
		For Colored, Add	*0.60*	
		For Shatterproof, Add	*1.81*	
		For Mirrored, Add	*2.42*	
08 84 00 00-0015	SF	1/8" Thick, Clear Acrylic Glazing (Plexiglas)	12.57	
		For >50 To 200, Deduct	*-0.15*	
		For >200 To 400, Deduct	*-0.31*	
		For >400, Deduct	*-0.46*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.52*	
		For Colored, Add	*0.61*	
		For Shatterproof, Add	*1.83*	
		For Mirrored, Add	*2.44*	
08 84 00 00-0016	SF	3/16" Thick, Clear Acrylic Glazing (Plexiglas)	14.66	
		For >50 To 200, Deduct	*-0.24*	
		For >200 To 400, Deduct	*-0.48*	
		For >400, Deduct	*-0.72*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*9.89*	
		For Colored, Add	*0.95*	
		For Shatterproof, Add	*2.86*	
		For Mirrored, Add	*3.82*	
08 84 00 00-0017	SF	1/4" Thick, Clear Acrylic Glazing (Plexiglas)	16.57	
		For >50 To 200, Deduct	*-0.31*	
		For >200 To 400, Deduct	*-0.63*	
		For >400, Deduct	*-0.94*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.29*	
		For Colored, Add	*1.26*	
		For Shatterproof, Add	*3.77*	
		For Mirrored, Add	*5.02*	
08 84 00 00-0018	SF	5/16" Thick, Clear Acrylic Glazing (Plexiglas)	16.93	
		For >50 To 200, Deduct	*-0.33*	
		For >200 To 400, Deduct	*-0.66*	
		For >400, Deduct	*-0.99*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.35*	
		For Colored, Add	*1.32*	
		For Shatterproof, Add	*3.95*	
		For Mirrored, Add	*5.26*	
08 84 00 00-0019	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas)	17.46	
		For >50 To 200, Deduct	*-0.34*	
		For >200 To 400, Deduct	*-0.69*	
		For >400, Deduct	*-1.03*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.58*	
		For Colored, Add	*1.38*	
		For Shatterproof, Add	*4.13*	
		For Mirrored, Add	*5.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0020	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas)	20.44	
		For >50 To 200, Deduct	*-0.45*	
		For >200 To 400, Deduct	*-0.91*	
		For >400, Deduct	*-1.36*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.35*	
		For Colored, Add	*1.82*	
		For Shatterproof, Add	*5.45*	
		For Mirrored, Add	*7.27*	
08 84 00 00-0021	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas)	28.53	
		For >50 To 200, Deduct	*-0.71*	
		For >200 To 400, Deduct	*-1.42*	
		For >400, Deduct	*-2.12*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.37*	
08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	37.39	
		For >50 To 200, Deduct	*-1.09*	
		For >200 To 400, Deduct	*-2.18*	
		For >400, Deduct	*-3.27*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.61*	

08 85 Glazing Accessories *(08 80)*

Note: Applicable to reglazing tasks only, new window installations include the gasket.

08 85 00 00-0001 Framing For Glass Windscreens *(08 85)*

Note: Excludes glazing.

08 85 00 00-0002	LF	1-1/4" x 1-1/2" Aluminum Framed Window Walls	24.43	1.81
		For Bronze Anodized Aluminum, Add	*2.92*	
		For Stainless Steel, Add	*11.92*	
		For Black Anodized Finish, Add	*5.25*	
08 85 00 00-0003	LF	1-1/2" x 2" Aluminum Framed Window Walls	30.16	2.26
		For Bronze Anodized Aluminum, Add	*3.71*	
		For Stainless Steel, Add	*15.10*	
		For Black Anodized Finish, Add	*6.67*	
08 85 00 00-0004	LF	1-1/2" x 3" Aluminum Framed Window Walls	35.89	1.81
		For Bronze Anodized Aluminum, Add	*4.43*	
		For Stainless Steel, Add	*18.04*	
		For Black Anodized Finish, Add	*7.98*	
08 85 00 00-0005	LF	1-1/2" x 4" Aluminum Framed Window Walls	43.47	2.72
		For Bronze Anodized Aluminum, Add	*5.30*	
		For Stainless Steel, Add	*21.59*	
		For Black Anodized Finish, Add	*9.53*	
08 85 00 00-0006	LF	2" x 3" Aluminum Framed Window Walls	44.33	2.26
		For Bronze Anodized Aluminum, Add	*5.63*	
		For Stainless Steel, Add	*22.86*	
		For Black Anodized Finish, Add	*10.13*	
08 85 00 00-0007	LF	2" x 4" Aluminum Framed Window Walls	53.90	2.72
		For Bronze Anodized Aluminum, Add	*6.72*	
		For Stainless Steel, Add	*27.35*	
		For Black Anodized Finish, Add	*12.10*	

08 87 Glazing Surface Films *(08 80)*

08 87 13 Solar Control Films *(08 87)*

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Solar Control Window Films *(08 87 13)*

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	Bronze Window Tinting Film, 20% VLT	9.06
08 87 13 00-0003	SF	Bronze Window Tinting Film, 50% VLT	9.06
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	13.48
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	13.84

08 87 23 Safety And Security Films *(08 87)*

08 87 23 16 Security Films *(08 87 23)*

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150)	13.65	
		For >1,000 To 5,000, Deduct	*-0.64*	
		For >5,000, Deduct	*-0.84*	
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400)	14.33	
		For >1,000 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-0.91*	
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600)	15.27	
		For >1,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-1.00*	

08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400)	15.07	
		For >1,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-0.98*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400)	15.07	
		For >1,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-0.98*	
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400)	15.07	
		For >1,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-0.98*	

08 87 23 16-0010 Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0011	SF	0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL)	12.90	
		For >1,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-0.76*	
08 87 23 16-0012	SF	0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL)	13.08	
		For >1,000 To 5,000, Deduct	*-0.62*	
		For >5,000, Deduct	*-0.78*	
08 87 23 16-0013	SF	0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL)	14.78	
		For >1,000 To 5,000, Deduct	*-0.68*	
		For >5,000, Deduct	*-0.95*	

08 87 23 16-0014 Anti-Graffiti Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0015	SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4)	12.90	
		For >1,000 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-0.76*	
08 87 23 16-0016	SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7)	13.08	
		For >1,000 To 5,000, Deduct	*-0.62*	
		For >5,000, Deduct	*-0.78*	

08 88 Special Function Glazing *(08 80)*

08 88 49 Radiation-Resistant Glazing *(08 88)*

08 88 49 00-0001 Leaded Glass (X-Ray Shielding) *(08 88 49)*

08 88 49 00-0002	SF	1/4" Thick Lead Glass With 1/16" Lead Equivalence	216.06	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.18*	
08 88 49 00-0003	SF	1/4" Thick Lead Glass With 1/8" Lead Equivalence	318.18	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.18*	

08 88 53 Security Glazing *(08 88)*

08 88 53 00-0001 Forced Entry And/Or Ballistic Resistant All Glass Laminate *(08 88 53)*

08 88 53 00-0002 Ballistic Resistant Glass *(08 88 53 00-0001)*

08 88 53 00-0003	SF	1.28" All Glass Laminate Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece, Up To 15 SF	104.91	25.24
		For Glass Removal And Preparing Opening For New Glazing, Add	*62.58*	
08 88 53 00-0004	SF	1.28" All Glass Laminate Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece, >15 SF	119.25	25.24
		For Glass Removal And Preparing Opening For New Glazing, Add	*62.58*	
08 88 53 00-0005	SF	1.55" All Glass Laminate Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece, Up To 15 SF	135.14	28.26
		For Glass Removal And Preparing Opening For New Glazing, Add	*70.66*	
08 88 53 00-0006	SF	1.55" All Glass Laminate Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece, >15 SF	147.12	28.26
		For Glass Removal And Preparing Opening For New Glazing, Add	*70.66*	
08 88 53 00-0007	SF	2.05" All Glass Laminate Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece, Up To 15 SF	167.37	32.30
		For Glass Removal And Preparing Opening For New Glazing, Add	*80.75*	
08 88 53 00-0008	SF	2.05" All Glass Laminate Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece, >15 SF	177.00	32.30
		For Glass Removal And Preparing Opening For New Glazing, Add	*80.75*	

08 88 53 00-0009 Forced Entry Resistant Glass *(08 88 53 00-0001)*

08 88 53 00-0010	SF	5/16" Forced Entry Resistant Laminated Glass Sheet	30.87	7.57
		For Glass Removal And Preparing Opening For New Glazing, Add	*15.77*	
08 88 53 00-0011	SF	1/2" Forced Entry Resistant Laminated Glass Sheet	34.47	8.08
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.82*	
08 88 53 00-0012	SF	11/16" Forced Entry Resistant Laminated Glass Sheet	38.70	8.58
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.02*	
08 88 53 00-0013	SF	7/8" Forced Entry Resistant Laminated Glass Sheet	43.19	9.59
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.41*	

08 88 53 00-0014 Glass Clad Polycarbonate *(08 88 53)*

08 88 53 00-0015	SF	0.76" Ballistic Resistant Glass/Poly, Level 1, 6.4 LB/SF	148.12	30.28
		For Glass Removal And Preparing Opening For New Glazing, Add	*76.72*	
08 88 53 00-0016	SF	0.8125" Ballistic Resistant Glass/Poly, Level 2, 8.99 LB/SF	166.72	35.53
		For Glass Removal And Preparing Opening For New Glazing, Add	*88.83*	
08 88 53 00-0017	SF	1.18" Ballistic Resistant Glass/Poly, Level 3, 11.5 LB/SF	208.50	40.38
		For Glass Removal And Preparing Opening For New Glazing, Add	*100.94*	

08 88 53 00-0018 Ballistic Resistant Acrylic *(08 88 53)*

08 88 53 00-0019	SF	1.25" Ballistic Resistant Acrylic Glass, Level 1, 7.7 LB/SF	234.35	30.28
		For Glass Removal And Preparing Opening For New Glazing, Add	*76.72*	
08 88 53 00-0020	SF	1.378" Ballistic Resistant Acrylic Glass, Level 2, 8.5 LB/SF	274.28	35.33
		For Glass Removal And Preparing Opening For New Glazing, Add	*88.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, Level 3, 7.5 LB/SF	360.57	40.38
		For Glass Removal And Preparing Opening For New Glazing, Add	*100.94*	

08 88 53 00-0022 Ballistic Resistant Fiberglass *(08 88 53)*

08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF	64.68	19.18
		For Glass Removal And Preparing Opening For New Glazing, Add	*38.35*	
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF	76.19	22.20
		For Glass Removal And Preparing Opening For New Glazing, Add	*44.42*	
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF	86.45	25.24
		For Glass Removal And Preparing Opening For New Glazing, Add	*50.47*	

08 88 53 00-0026 Forced Entry And/Or Ballistic Resistant Polycarbonate *(08 88 53)*

08 88 53 00-0027 Forced Entry Resistant Monolithic Polycarbonate *(08 88 53 00-0026)*

Note: GE-Lexan MR10.

08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level 1 or ASTM F1233, Class II (Step 5).	91.83	45.83
		For Glass Removal And Preparing Opening For New Glazing, Add	*61.18*	

08 88 53 00-0029 Forced Entry Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)*

Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.

08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01, Level 1	113.56	30.28
		For Glass Removal And Preparing Opening For New Glazing, Add	*75.71*	

08 88 53 00-0031 Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*

Note: GE-Lexgard MPC-500.

08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).	135.38	58.13
		For Glass Removal And Preparing Opening For New Glazing, Add	*80.75*	

08 88 53 00-0033 Fire Resistant, Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*

Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.

08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01, Level I Note: UL-9 Fire Resistant.	147.44	35.87
		For Glass Removal And Preparing Opening For New Glazing, Add	*85.79*	

08 88 53 00-0035 Insulated, Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*

Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.

08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level I (1/4" tempered float glass, 1/2" airspace).	127.09	30.28
		For Glass Removal And Preparing Opening For New Glazing, Add	*75.71*	

08 88 53 00-0037 Ballistic And Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*

08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).	290.77	67.42
		For Glass Removal And Preparing Opening For New Glazing, Add	*167.56*	
08 88 53 00-0039	SF	1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).	293.69	67.42
		For Glass Removal And Preparing Opening For New Glazing, Add	*167.56*	

08 88 53 00-0040 Ballistic Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)*

Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.

08 88 53 00-0041	SF	1-5/16" Overall Nominal Thickness, Ballistic Resistant Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).	194.05	42.74
		For Glass Removal And Preparing Opening For New Glazing, Add	*113.05*	

08 90 Louvers And Vents *(08)*

08 91 Louvers *(08 90)*

08 91 13 Motorized Wall Louvers *(08 91)*

08 91 13 00-0001 Motorized Wall Louver Actuator *(08 91 13)*

See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.

08 91 13 00-0002	EA	115 Volt Actuator For Adjustable Intake Louver	1,259.01	88.27
08 91 13 00-0003	EA	230 Volt Actuator For Adjustable Intake Louver	1,897.54	88.27
08 91 13 00-0004	EA	24 Volt Actuator For Adjustable Intake Louver	1,350.03	88.27
08 91 13 00-0005	EA	115 Volt Hazardous Location Actuator For Adjustable Intake Louver	5,098.02	88.27

08 91 16 Operable Wall Louvers *(08 91)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0001		**Adjustable Intake Wall Louvers** *(08 91 16)* See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.		
08 91 16 00-0002	EA	12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	338.98	23.36
		For Flange Frame, Add	*29.23*	
		For Clear Lacquer Finish, Add	*58.45*	
		For Baked Enamel Standard Colors, Add	*87.68*	
		For Anodized Finish, Add	*116.90*	
		For Kynar® Standard Colors Finish, Add	*160.74*	
08 91 16 00-0003	EA	12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	423.31	28.56
		For Flange Frame, Add	*36.62*	
		For Clear Lacquer Finish, Add	*73.24*	
		For Baked Enamel Standard Colors, Add	*109.86*	
		For Anodized Finish, Add	*146.48*	
		For Kynar® Standard Colors Finish, Add	*201.41*	
08 91 16 00-0004	EA	12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	500.54	33.75
		For Flange Frame, Add	*43.30*	
		For Clear Lacquer Finish, Add	*86.61*	
		For Baked Enamel Standard Colors, Add	*129.91*	
		For Anodized Finish, Add	*173.22*	
		For Kynar® Standard Colors Finish, Add	*238.17*	
08 91 16 00-0005	EA	12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	585.58	38.95
		For Flange Frame, Add	*50.77*	
		For Clear Lacquer Finish, Add	*101.54*	
		For Baked Enamel Standard Colors, Add	*152.31*	
		For Anodized Finish, Add	*203.08*	
		For Kynar® Standard Colors Finish, Add	*279.24*	
08 91 16 00-0006	EA	12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	659.96	44.13
		For Flange Frame, Add	*57.17*	
		For Clear Lacquer Finish, Add	*114.34*	
		For Baked Enamel Standard Colors, Add	*171.51*	
		For Anodized Finish, Add	*228.68*	
		For Kynar® Standard Colors Finish, Add	*314.43*	
08 91 16 00-0007	EA	12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	777.71	49.32
		For Flange Frame, Add	*67.91*	
		For Clear Lacquer Finish, Add	*135.81*	
		For Baked Enamel Standard Colors, Add	*203.72*	
		For Anodized Finish, Add	*271.62*	
		For Kynar® Standard Colors Finish, Add	*373.48*	
08 91 16 00-0008	EA	12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	885.52	54.52
		For Flange Frame, Add	*77.65*	
		For Clear Lacquer Finish, Add	*155.30*	
		For Baked Enamel Standard Colors, Add	*232.94*	
		For Anodized Finish, Add	*310.59*	
		For Kynar® Standard Colors Finish, Add	*427.06*	
08 91 16 00-0009	EA	12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	984.28	62.31
		For Flange Frame, Add	*85.97*	
		For Clear Lacquer Finish, Add	*171.93*	
		For Baked Enamel Standard Colors, Add	*257.90*	
		For Anodized Finish, Add	*343.87*	
		For Kynar® Standard Colors Finish, Add	*472.82*	
08 91 16 00-0010	EA	12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,050.84	67.50
		For Flange Frame, Add	*91.59*	
		For Clear Lacquer Finish, Add	*183.17*	
		For Baked Enamel Standard Colors, Add	*274.76*	
		For Anodized Finish, Add	*366.34*	
		For Kynar® Standard Colors Finish, Add	*503.72*	
08 91 16 00-0011	EA	12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,133.75	72.69
		For Flange Frame, Add	*98.84*	
		For Clear Lacquer Finish, Add	*197.67*	
		For Baked Enamel Standard Colors, Add	*296.51*	
		For Anodized Finish, Add	*395.35*	
		For Kynar® Standard Colors Finish, Add	*543.60*	
08 91 16 00-0012	EA	12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,206.71	77.88
		For Flange Frame, Add	*105.10*	
		For Clear Lacquer Finish, Add	*210.19*	
		For Baked Enamel Standard Colors, Add	*315.29*	
		For Anodized Finish, Add	*420.38*	
		For Kynar® Standard Colors Finish, Add	*578.02*	
08 91 16 00-0013	EA	12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,299.58	83.08
		For Flange Frame, Add	*113.34*	
		For Clear Lacquer Finish, Add	*226.69*	
		For Baked Enamel Standard Colors, Add	*340.03*	
		For Anodized Finish, Add	*453.37*	
		For Kynar® Standard Colors Finish, Add	*623.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0014	EA	12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,388.89	88.27
		For Flange Frame, Add	*121.24*	
		For Clear Lacquer Finish, Add	*242.47*	
		For Baked Enamel Standard Colors, Add	*363.71*	
		For Anodized Finish, Add	*484.94*	
		For Kynar® Standard Colors Finish, Add	*666.80*	
08 91 16 00-0015	EA	12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,500.45	96.06
		For Flange Frame, Add	*130.84*	
		For Clear Lacquer Finish, Add	*261.67*	
		For Baked Enamel Standard Colors, Add	*392.51*	
		For Anodized Finish, Add	*523.34*	
		For Kynar® Standard Colors Finish, Add	*719.59*	
08 91 16 00-0016	EA	12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,583.59	103.84
		For Flange Frame, Add	*137.59*	
		For Clear Lacquer Finish, Add	*275.18*	
		For Baked Enamel Standard Colors, Add	*412.77*	
		For Anodized Finish, Add	*550.36*	
		For Kynar® Standard Colors Finish, Add	*756.75*	
08 91 16 00-0017	EA	18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	381.35	28.56
		For Flange Frame, Add	*32.42*	
		For Clear Lacquer Finish, Add	*64.85*	
		For Baked Enamel Standard Colors, Add	*97.27*	
		For Anodized Finish, Add	*129.70*	
		For Kynar® Standard Colors Finish, Add	*178.33*	
08 91 16 00-0018	EA	18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	481.55	36.34
		For Flange Frame, Add	*40.89*	
		For Clear Lacquer Finish, Add	*81.77*	
		For Baked Enamel Standard Colors, Add	*122.66*	
		For Anodized Finish, Add	*163.54*	
		For Kynar® Standard Colors Finish, Add	*224.87*	
08 91 16 00-0019	EA	18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	564.47	41.54
		For Flange Frame, Add	*48.14*	
		For Clear Lacquer Finish, Add	*96.28*	
		For Baked Enamel Standard Colors, Add	*144.42*	
		For Anodized Finish, Add	*192.56*	
		For Kynar® Standard Colors Finish, Add	*264.76*	
08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	702.55	51.92
		For Flange Frame, Add	*59.87*	
		For Clear Lacquer Finish, Add	*119.74*	
		For Baked Enamel Standard Colors, Add	*179.61*	
		For Anodized Finish, Add	*239.48*	
		For Kynar® Standard Colors Finish, Add	*329.29*	
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	798.26	57.11
		For Flange Frame, Add	*68.40*	
		For Clear Lacquer Finish, Add	*136.81*	
		For Baked Enamel Standard Colors, Add	*205.21*	
		For Anodized Finish, Add	*273.62*	
		For Kynar® Standard Colors Finish, Add	*376.22*	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	893.98	62.31
		For Flange Frame, Add	*76.94*	
		For Clear Lacquer Finish, Add	*153.87*	
		For Baked Enamel Standard Colors, Add	*230.81*	
		For Anodized Finish, Add	*307.75*	
		For Kynar® Standard Colors Finish, Add	*423.15*	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,008.17	67.50
		For Flange Frame, Add	*87.32*	
		For Clear Lacquer Finish, Add	*174.64*	
		For Baked Enamel Standard Colors, Add	*261.95*	
		For Anodized Finish, Add	*349.27*	
		For Kynar® Standard Colors Finish, Add	*480.25*	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,118.33	75.29
		For Flange Frame, Add	*96.78*	
		For Clear Lacquer Finish, Add	*193.55*	
		For Baked Enamel Standard Colors, Add	*290.33*	
		For Anodized Finish, Add	*387.10*	
		For Kynar® Standard Colors Finish, Add	*532.26*	
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,207.14	83.08
		For Flange Frame, Add	*104.10*	
		For Clear Lacquer Finish, Add	*208.20*	
		For Baked Enamel Standard Colors, Add	*312.30*	
		For Anodized Finish, Add	*416.40*	
		For Kynar® Standard Colors Finish, Add	*572.54*	
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,291.47	88.27
		For Flange Frame, Add	*111.49*	
		For Clear Lacquer Finish, Add	*222.99*	
		For Baked Enamel Standard Colors, Add	*334.48*	
		For Anodized Finish, Add	*445.98*	
		For Kynar® Standard Colors Finish, Add	*613.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,370.83	93.45
		For Flange Frame, Add	*118.39*	
		For Clear Lacquer Finish, Add	*236.78*	
		For Baked Enamel Standard Colors, Add	*355.17*	
		For Anodized Finish, Add	*473.56*	
		For Kynar® Standard Colors Finish, Add	*651.15*	
08 91 16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,472.94	98.65
		For Flange Frame, Add	*127.56*	
		For Clear Lacquer Finish, Add	*255.13*	
		For Baked Enamel Standard Colors, Add	*382.69*	
		For Anodized Finish, Add	*510.26*	
		For Kynar® Standard Colors Finish, Add	*701.60*	
08 91 16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,571.50	103.84
		For Flange Frame, Add	*136.38*	
		For Clear Lacquer Finish, Add	*272.76*	
		For Baked Enamel Standard Colors, Add	*409.14*	
		For Anodized Finish, Add	*545.52*	
		For Kynar® Standard Colors Finish, Add	*750.10*	
08 91 16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,692.31	111.63
		For Flange Frame, Add	*146.91*	
		For Clear Lacquer Finish, Add	*293.81*	
		For Baked Enamel Standard Colors, Add	*440.72*	
		For Anodized Finish, Add	*587.62*	
		For Kynar® Standard Colors Finish, Add	*807.98*	
08 91 16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,784.68	119.42
		For Flange Frame, Add	*154.58*	
		For Clear Lacquer Finish, Add	*309.17*	
		For Baked Enamel Standard Colors, Add	*463.75*	
		For Anodized Finish, Add	*618.34*	
		For Kynar® Standard Colors Finish, Add	*850.21*	
08 91 16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	427.30	33.75
		For Flange Frame, Add	*35.98*	
		For Clear Lacquer Finish, Add	*71.96*	
		For Baked Enamel Standard Colors, Add	*107.94*	
		For Anodized Finish, Add	*143.92*	
		For Kynar® Standard Colors Finish, Add	*197.89*	
08 91 16 00-0033	EA	24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	541.71	41.54
		For Flange Frame, Add	*45.86*	
		For Clear Lacquer Finish, Add	*91.73*	
		For Baked Enamel Standard Colors, Add	*137.59*	
		For Anodized Finish, Add	*183.45*	
		For Kynar® Standard Colors Finish, Add	*252.25*	
08 91 16 00-0034	EA	24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	670.34	49.32
		For Flange Frame, Add	*57.17*	
		For Clear Lacquer Finish, Add	*114.34*	
		For Baked Enamel Standard Colors, Add	*171.51*	
		For Anodized Finish, Add	*228.68*	
		For Kynar® Standard Colors Finish, Add	*314.43*	
08 91 16 00-0035	EA	24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	791.37	59.71
		For Flange Frame, Add	*67.20*	
		For Clear Lacquer Finish, Add	*134.39*	
		For Baked Enamel Standard Colors, Add	*201.59*	
		For Anodized Finish, Add	*268.78*	
		For Kynar® Standard Colors Finish, Add	*369.57*	
08 91 16 00-0036	EA	24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	896.33	64.90
		For Flange Frame, Add	*76.65*	
		For Clear Lacquer Finish, Add	*153.30*	
		For Baked Enamel Standard Colors, Add	*229.96*	
		For Anodized Finish, Add	*306.61*	
		For Kynar® Standard Colors Finish, Add	*421.59*	
08 91 16 00-0037	EA	24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,006.97	70.09
		For Flange Frame, Add	*86.68*	
		For Clear Lacquer Finish, Add	*173.36*	
		For Baked Enamel Standard Colors, Add	*260.03*	
		For Anodized Finish, Add	*346.71*	
		For Kynar® Standard Colors Finish, Add	*476.73*	
08 91 16 00-0038	EA	24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,144.13	77.88
		For Flange Frame, Add	*98.84*	
		For Clear Lacquer Finish, Add	*197.67*	
		For Baked Enamel Standard Colors, Add	*296.51*	
		For Anodized Finish, Add	*395.35*	
		For Kynar® Standard Colors Finish, Add	*543.60*	
08 91 16 00-0039	EA	24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,261.61	88.27
		For Flange Frame, Add	*108.51*	
		For Clear Lacquer Finish, Add	*217.02*	
		For Baked Enamel Standard Colors, Add	*325.52*	
		For Anodized Finish, Add	*434.03*	
		For Kynar® Standard Colors Finish, Add	*596.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0040	EA	24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,351.64	93.45
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*116.47*	
		For Clear Lacquer Finish, Add	*232.94*	
		For Baked Enamel Standard Colors, Add	*349.42*	
		For Anodized Finish, Add	*465.89*	
		For Kynar® Standard Colors Finish, Add	*640.60*	
08 91 16 00-0041	EA	24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,452.05	103.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*124.44*	
		For Clear Lacquer Finish, Add	*248.87*	
		For Baked Enamel Standard Colors, Add	*373.31*	
		For Anodized Finish, Add	*497.74*	
		For Kynar® Standard Colors Finish, Add	*684.40*	
08 91 16 00-0042	EA	24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,543.49	109.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*132.54*	
		For Clear Lacquer Finish, Add	*265.08*	
		For Baked Enamel Standard Colors, Add	*397.63*	
		For Anodized Finish, Add	*530.17*	
		For Kynar® Standard Colors Finish, Add	*728.98*	
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,666.93	114.22
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*143.85*	
		For Clear Lacquer Finish, Add	*287.69*	
		For Baked Enamel Standard Colors, Add	*431.54*	
		For Anodized Finish, Add	*575.39*	
		For Kynar® Standard Colors Finish, Add	*791.16*	
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	1,771.89	119.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*153.31*	
		For Clear Lacquer Finish, Add	*306.61*	
		For Baked Enamel Standard Colors, Add	*459.92*	
		For Anodized Finish, Add	*613.22*	
		For Kynar® Standard Colors Finish, Add	*843.18*	
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	1,904.78	127.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*165.04*	
		For Clear Lacquer Finish, Add	*330.07*	
		For Baked Enamel Standard Colors, Add	*495.11*	
		For Anodized Finish, Add	*660.15*	
		For Kynar® Standard Colors Finish, Add	*907.70*	
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,003.55	134.99
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*173.36*	
		For Clear Lacquer Finish, Add	*346.71*	
		For Baked Enamel Standard Colors, Add	*520.07*	
		For Anodized Finish, Add	*693.42*	
		For Kynar® Standard Colors Finish, Add	*953.46*	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	476.78	38.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*39.89*	
		For Clear Lacquer Finish, Add	*79.78*	
		For Baked Enamel Standard Colors, Add	*119.67*	
		For Anodized Finish, Add	*159.56*	
		For Kynar® Standard Colors Finish, Add	*219.40*	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	635.00	51.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*53.12*	
		For Clear Lacquer Finish, Add	*106.23*	
		For Baked Enamel Standard Colors, Add	*159.35*	
		For Anodized Finish, Add	*212.46*	
		For Kynar® Standard Colors Finish, Add	*292.14*	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	752.97	59.71
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*63.36*	
		For Clear Lacquer Finish, Add	*126.71*	
		For Baked Enamel Standard Colors, Add	*190.07*	
		For Anodized Finish, Add	*253.42*	
		For Kynar® Standard Colors Finish, Add	*348.45*	
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	881.60	67.50
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*74.66*	
		For Clear Lacquer Finish, Add	*149.32*	
		For Baked Enamel Standard Colors, Add	*223.98*	
		For Anodized Finish, Add	*298.64*	
		For Kynar® Standard Colors Finish, Add	*410.64*	
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	995.81	72.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*85.04*	
		For Clear Lacquer Finish, Add	*170.09*	
		For Baked Enamel Standard Colors, Add	*255.13*	
		For Anodized Finish, Add	*340.17*	
		For Kynar® Standard Colors Finish, Add	*467.74*	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,115.20	80.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*95.42*	
		For Clear Lacquer Finish, Add	*190.85*	
		For Baked Enamel Standard Colors, Add	*286.27*	
		For Anodized Finish, Add	*381.70*	
		For Kynar® Standard Colors Finish, Add	*524.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,256.42	85.67
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*108.51*	
		For Clear Lacquer Finish, Add	*217.02*	
		For Baked Enamel Standard Colors, Add	*325.52*	
		For Anodized Finish, Add	*434.03*	
		For Kynar® Standard Colors Finish, Add	*596.79*	
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,378.66	93.45
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*119.17*	
		For Clear Lacquer Finish, Add	*238.35*	
		For Baked Enamel Standard Colors, Add	*357.52*	
		For Anodized Finish, Add	*476.70*	
		For Kynar® Standard Colors Finish, Add	*655.46*	
08 91 16 00-0055	EA	30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,478.63	98.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*128.13*	
		For Clear Lacquer Finish, Add	*256.27*	
		For Baked Enamel Standard Colors, Add	*384.40*	
		For Anodized Finish, Add	*512.53*	
		For Kynar® Standard Colors Finish, Add	*704.73*	
08 91 16 00-0056	EA	30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,590.42	109.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*137.24*	
		For Clear Lacquer Finish, Add	*274.47*	
		For Baked Enamel Standard Colors, Add	*411.71*	
		For Anodized Finish, Add	*548.94*	
		For Kynar® Standard Colors Finish, Add	*754.79*	
08 91 16 00-0057	EA	30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,696.29	116.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*146.27*	
		For Clear Lacquer Finish, Add	*292.53*	
		For Baked Enamel Standard Colors, Add	*438.80*	
		For Anodized Finish, Add	*585.06*	
		For Kynar® Standard Colors Finish, Add	*804.46*	
08 91 16 00-0058	EA	30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,827.56	122.01
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*158.35*	
		For Clear Lacquer Finish, Add	*316.71*	
		For Baked Enamel Standard Colors, Add	*475.06*	
		For Anodized Finish, Add	*633.41*	
		For Kynar® Standard Colors Finish, Add	*870.94*	
08 91 16 00-0059	EA	30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	1,941.76	127.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*168.74*	
		For Clear Lacquer Finish, Add	*337.47*	
		For Baked Enamel Standard Colors, Add	*506.21*	
		For Anodized Finish, Add	*674.94*	
		For Kynar® Standard Colors Finish, Add	*928.04*	
08 91 16 00-0060	EA	30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,081.06	134.99
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*181.11*	
		For Clear Lacquer Finish, Add	*362.21*	
		For Baked Enamel Standard Colors, Add	*543.32*	
		For Anodized Finish, Add	*724.43*	
		For Kynar® Standard Colors Finish, Add	*996.09*	
08 91 16 00-0061	EA	30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,192.63	142.78
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*190.71*	
		For Clear Lacquer Finish, Add	*381.41*	
		For Baked Enamel Standard Colors, Add	*572.12*	
		For Anodized Finish, Add	*762.82*	
		For Kynar® Standard Colors Finish, Add	*1,048.88*	
08 91 16 00-0062	EA	36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	522.73	44.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*43.45*	
		For Clear Lacquer Finish, Add	*86.89*	
		For Baked Enamel Standard Colors, Add	*130.34*	
		For Anodized Finish, Add	*173.78*	
		For Kynar® Standard Colors Finish, Add	*238.95*	
08 91 16 00-0063	EA	36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	706.53	57.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*59.23*	
		For Clear Lacquer Finish, Add	*118.46*	
		For Baked Enamel Standard Colors, Add	*177.69*	
		For Anodized Finish, Add	*236.92*	
		For Kynar® Standard Colors Finish, Add	*325.77*	
08 91 16 00-0064	EA	36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	825.23	64.90
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*69.54*	
		For Clear Lacquer Finish, Add	*139.08*	
		For Baked Enamel Standard Colors, Add	*208.63*	
		For Anodized Finish, Add	*278.17*	
		For Kynar® Standard Colors Finish, Add	*382.48*	
08 91 16 00-0065	EA	36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	965.94	72.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*82.06*	
		For Clear Lacquer Finish, Add	*164.11*	
		For Baked Enamel Standard Colors, Add	*246.17*	
		For Anodized Finish, Add	*328.22*	
		For Kynar® Standard Colors Finish, Add	*451.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0066	EA	36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,095.73	78.92
		For Flange Frame, Add	*93.79*	
		For Clear Lacquer Finish, Add	*187.58*	
		For Baked Enamel Standard Colors, Add	*281.37*	
		For Anodized Finish, Add	*375.16*	
		For Kynar® Standard Colors Finish, Add	*515.84*	
08 91 16 00-0067	EA	36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,218.02	85.67
		For Flange Frame, Add	*104.67*	
		For Clear Lacquer Finish, Add	*209.34*	
		For Baked Enamel Standard Colors, Add	*314.00*	
		For Anodized Finish, Add	*418.67*	
		For Kynar® Standard Colors Finish, Add	*575.67*	
08 91 16 00-0068	EA	36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,375.59	90.86
		For Flange Frame, Add	*119.39*	
		For Clear Lacquer Finish, Add	*238.77*	
		For Baked Enamel Standard Colors, Add	*358.16*	
		For Anodized Finish, Add	*477.55*	
		For Kynar® Standard Colors Finish, Add	*656.63*	
08 91 16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,512.76	98.65
		For Flange Frame, Add	*131.55*	
		For Clear Lacquer Finish, Add	*263.09*	
		For Baked Enamel Standard Colors, Add	*394.64*	
		For Anodized Finish, Add	*526.18*	
		For Kynar® Standard Colors Finish, Add	*723.50*	
08 91 16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,625.04	106.44
		For Flange Frame, Add	*141.22*	
		For Clear Lacquer Finish, Add	*282.43*	
		For Baked Enamel Standard Colors, Add	*423.65*	
		For Anodized Finish, Add	*564.87*	
		For Kynar® Standard Colors Finish, Add	*776.69*	
08 91 16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,740.17	114.22
		For Flange Frame, Add	*151.17*	
		For Clear Lacquer Finish, Add	*302.34*	
		For Baked Enamel Standard Colors, Add	*453.51*	
		For Anodized Finish, Add	*604.68*	
		For Kynar® Standard Colors Finish, Add	*831.44*	
08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,858.85	122.01
		For Flange Frame, Add	*161.48*	
		For Clear Lacquer Finish, Add	*322.96*	
		For Baked Enamel Standard Colors, Add	*484.45*	
		For Anodized Finish, Add	*645.93*	
		For Kynar® Standard Colors Finish, Add	*888.15*	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,002.20	127.21
		For Flange Frame, Add	*174.78*	
		For Clear Lacquer Finish, Add	*349.56*	
		For Baked Enamel Standard Colors, Add	*524.34*	
		For Anodized Finish, Add	*699.12*	
		For Kynar® Standard Colors Finish, Add	*961.28*	
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,124.93	132.40
		For Flange Frame, Add	*186.01*	
		For Clear Lacquer Finish, Add	*372.03*	
		For Baked Enamel Standard Colors, Add	*558.04*	
		For Anodized Finish, Add	*744.05*	
		For Kynar® Standard Colors Finish, Add	*1,023.07*	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,282.00	140.19
		For Flange Frame, Add	*200.16*	
		For Clear Lacquer Finish, Add	*400.33*	
		For Baked Enamel Standard Colors, Add	*600.49*	
		For Anodized Finish, Add	*800.65*	
		For Kynar® Standard Colors Finish, Add	*1,100.90*	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,399.98	147.97
		For Flange Frame, Add	*210.40*	
		For Clear Lacquer Finish, Add	*420.81*	
		For Baked Enamel Standard Colors, Add	*631.21*	
		For Anodized Finish, Add	*841.61*	
		For Kynar® Standard Colors Finish, Add	*1,157.22*	
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	597.81	49.32
		For Flange Frame, Add	*49.92*	
		For Clear Lacquer Finish, Add	*99.83*	
		For Baked Enamel Standard Colors, Add	*149.75*	
		For Anodized Finish, Add	*199.66*	
		For Kynar® Standard Colors Finish, Add	*274.54*	
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	762.43	62.31
		For Flange Frame, Add	*63.78*	
		For Clear Lacquer Finish, Add	*127.56*	
		For Baked Enamel Standard Colors, Add	*191.35*	
		For Anodized Finish, Add	*255.13*	
		For Kynar® Standard Colors Finish, Add	*350.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	893.91	70.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*75.37*	
		For Clear Lacquer Finish, Add	*150.74*	
		For Baked Enamel Standard Colors, Add	*226.12*	
		For Anodized Finish, Add	*301.49*	
		For Kynar® Standard Colors Finish, Add	*414.55*	
08 91 16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,044.81	80.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*88.39*	
		For Clear Lacquer Finish, Add	*176.77*	
		For Baked Enamel Standard Colors, Add	*265.16*	
		For Anodized Finish, Add	*353.54*	
		For Kynar® Standard Colors Finish, Add	*486.12*	
08 91 16 00-0081	EA	42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,182.47	85.67
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*101.11*	
		For Clear Lacquer Finish, Add	*202.23*	
		For Baked Enamel Standard Colors, Add	*303.34*	
		For Anodized Finish, Add	*404.45*	
		For Kynar® Standard Colors Finish, Add	*556.12*	
08 91 16 00-0082	EA	42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,313.02	90.86
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*113.13*	
		For Clear Lacquer Finish, Add	*226.26*	
		For Baked Enamel Standard Colors, Add	*339.39*	
		For Anodized Finish, Add	*452.52*	
		For Kynar® Standard Colors Finish, Add	*622.22*	
08 91 16 00-0083	EA	42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,484.10	96.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*129.20*	
		For Clear Lacquer Finish, Add	*258.40*	
		For Baked Enamel Standard Colors, Add	*387.60*	
		For Anodized Finish, Add	*516.80*	
		For Kynar® Standard Colors Finish, Add	*710.60*	
08 91 16 00-0084	EA	42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,623.41	103.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*141.57*	
		For Clear Lacquer Finish, Add	*283.14*	
		For Baked Enamel Standard Colors, Add	*424.72*	
		For Anodized Finish, Add	*566.29*	
		For Kynar® Standard Colors Finish, Add	*778.65*	
08 91 16 00-0085	EA	42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,749.19	111.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*152.59*	
		For Clear Lacquer Finish, Add	*305.19*	
		For Baked Enamel Standard Colors, Add	*457.78*	
		For Anodized Finish, Add	*610.37*	
		For Kynar® Standard Colors Finish, Add	*839.26*	
08 91 16 00-0086	EA	42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,867.17	119.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*162.83*	
		For Clear Lacquer Finish, Add	*325.67*	
		For Baked Enamel Standard Colors, Add	*488.50*	
		For Anodized Finish, Add	*651.33*	
		For Kynar® Standard Colors Finish, Add	*895.58*	
08 91 16 00-0087	EA	42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,995.80	127.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*174.14*	
		For Clear Lacquer Finish, Add	*348.28*	
		For Baked Enamel Standard Colors, Add	*522.42*	
		For Anodized Finish, Add	*696.56*	
		For Kynar® Standard Colors Finish, Add	*957.76*	
08 91 16 00-0088	EA	42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,149.82	132.40
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*188.50*	
		For Clear Lacquer Finish, Add	*377.00*	
		For Baked Enamel Standard Colors, Add	*565.51*	
		For Anodized Finish, Add	*754.01*	
		For Kynar® Standard Colors Finish, Add	*1,036.76*	
08 91 16 00-0089	EA	42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,283.92	137.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*200.87*	
		For Clear Lacquer Finish, Add	*401.75*	
		For Baked Enamel Standard Colors, Add	*602.62*	
		For Anodized Finish, Add	*803.50*	
		For Kynar® Standard Colors Finish, Add	*1,104.81*	
08 91 16 00-0090	EA	42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,459.49	145.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*216.87*	
		For Clear Lacquer Finish, Add	*433.75*	
		For Baked Enamel Standard Colors, Add	*650.62*	
		For Anodized Finish, Add	*867.49*	
		For Kynar® Standard Colors Finish, Add	*1,192.80*	
08 91 16 00-0091	EA	42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,582.44	153.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*227.61*	
		For Clear Lacquer Finish, Add	*455.22*	
		For Baked Enamel Standard Colors, Add	*682.83*	
		For Anodized Finish, Add	*910.44*	
		For Kynar® Standard Colors Finish, Add	*1,251.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0092	EA	48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	647.31	54.52
		For Flange Frame, Add	*53.83*	
		For Clear Lacquer Finish, Add	*107.65*	
		For Baked Enamel Standard Colors, Add	*161.48*	
		For Anodized Finish, Add	*215.31*	
		For Kynar® Standard Colors Finish, Add	*296.05*	
08 91 16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	821.87	67.50
		For Flange Frame, Add	*68.69*	
		For Clear Lacquer Finish, Add	*137.38*	
		For Baked Enamel Standard Colors, Add	*206.06*	
		For Anodized Finish, Add	*274.75*	
		For Kynar® Standard Colors Finish, Add	*377.78*	
08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	972.06	77.88
		For Flange Frame, Add	*81.63*	
		For Clear Lacquer Finish, Add	*163.26*	
		For Baked Enamel Standard Colors, Add	*244.89*	
		For Anodized Finish, Add	*326.52*	
		For Kynar® Standard Colors Finish, Add	*448.97*	
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,125.58	85.67
		For Flange Frame, Add	*95.42*	
		For Clear Lacquer Finish, Add	*190.85*	
		For Baked Enamel Standard Colors, Add	*286.27*	
		For Anodized Finish, Add	*381.70*	
		For Kynar® Standard Colors Finish, Add	*524.83*	
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,277.46	90.86
		For Flange Frame, Add	*109.57*	
		For Clear Lacquer Finish, Add	*219.15*	
		For Baked Enamel Standard Colors, Add	*328.72*	
		For Anodized Finish, Add	*438.30*	
		For Kynar® Standard Colors Finish, Add	*602.66*	
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,424.37	96.06
		For Flange Frame, Add	*123.23*	
		For Clear Lacquer Finish, Add	*246.45*	
		For Baked Enamel Standard Colors, Add	*369.68*	
		For Anodized Finish, Add	*492.91*	
		For Kynar® Standard Colors Finish, Add	*677.75*	
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,607.77	103.84
		For Flange Frame, Add	*140.01*	
		For Clear Lacquer Finish, Add	*280.02*	
		For Baked Enamel Standard Colors, Add	*420.02*	
		For Anodized Finish, Add	*560.03*	
		For Kynar® Standard Colors Finish, Add	*770.04*	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,759.86	111.63
		For Flange Frame, Add	*153.66*	
		For Clear Lacquer Finish, Add	*307.32*	
		For Baked Enamel Standard Colors, Add	*460.98*	
		For Anodized Finish, Add	*614.64*	
		For Kynar® Standard Colors Finish, Add	*845.13*	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,892.05	119.42
		For Flange Frame, Add	*165.32*	
		For Clear Lacquer Finish, Add	*330.64*	
		For Baked Enamel Standard Colors, Add	*495.96*	
		For Anodized Finish, Add	*661.28*	
		For Kynar® Standard Colors Finish, Add	*909.27*	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,026.37	127.21
		For Flange Frame, Add	*177.20*	
		For Clear Lacquer Finish, Add	*354.39*	
		For Baked Enamel Standard Colors, Add	*531.59*	
		For Anodized Finish, Add	*708.78*	
		For Kynar® Standard Colors Finish, Add	*974.58*	
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,157.85	134.99
		For Flange Frame, Add	*188.79*	
		For Clear Lacquer Finish, Add	*377.57*	
		For Baked Enamel Standard Colors, Add	*566.36*	
		For Anodized Finish, Add	*755.14*	
		For Kynar® Standard Colors Finish, Add	*1,038.32*	
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,331.78	140.19
		For Flange Frame, Add	*205.14*	
		For Clear Lacquer Finish, Add	*410.28*	
		For Baked Enamel Standard Colors, Add	*615.42*	
		For Anodized Finish, Add	*820.56*	
		For Kynar® Standard Colors Finish, Add	*1,128.28*	
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,476.56	145.38
		For Flange Frame, Add	*218.58*	
		For Clear Lacquer Finish, Add	*437.16*	
		For Baked Enamel Standard Colors, Add	*655.74*	
		For Anodized Finish, Add	*874.32*	
		For Kynar® Standard Colors Finish, Add	*1,202.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0105	EA	48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,654.75	150.58
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*235.36*	
		For Clear Lacquer Finish, Add	*470.72*	
		For Baked Enamel Standard Colors, Add	*706.08*	
		For Anodized Finish, Add	*941.44*	
		For Kynar® Standard Colors Finish, Add	*1,294.49*	
08 91 16 00-0106	EA	48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,789.79	158.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*247.31*	
		For Clear Lacquer Finish, Add	*494.61*	
		For Baked Enamel Standard Colors, Add	*741.92*	
		For Anodized Finish, Add	*989.23*	
		For Kynar® Standard Colors Finish, Add	*1,360.19*	
08 91 16 00-0107	EA	54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	751.05	62.31
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*62.64*	
		For Clear Lacquer Finish, Add	*125.29*	
		For Baked Enamel Standard Colors, Add	*187.93*	
		For Anodized Finish, Add	*250.58*	
		For Kynar® Standard Colors Finish, Add	*344.54*	
08 91 16 00-0108	EA	54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	961.19	75.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*81.06*	
		For Clear Lacquer Finish, Add	*162.12*	
		For Baked Enamel Standard Colors, Add	*243.18*	
		For Anodized Finish, Add	*324.24*	
		For Kynar® Standard Colors Finish, Add	*445.84*	
08 91 16 00-0109	EA	54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,126.51	88.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*95.00*	
		For Clear Lacquer Finish, Add	*190.00*	
		For Baked Enamel Standard Colors, Add	*284.99*	
		For Anodized Finish, Add	*379.99*	
		For Kynar® Standard Colors Finish, Add	*522.49*	
08 91 16 00-0110	EA	54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,291.20	93.45
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*110.43*	
		For Clear Lacquer Finish, Add	*220.86*	
		For Baked Enamel Standard Colors, Add	*331.28*	
		For Anodized Finish, Add	*441.71*	
		For Kynar® Standard Colors Finish, Add	*607.35*	
08 91 16 00-0111	EA	54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,470.10	98.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*127.28*	
		For Clear Lacquer Finish, Add	*254.56*	
		For Baked Enamel Standard Colors, Add	*381.84*	
		For Anodized Finish, Add	*509.12*	
		For Kynar® Standard Colors Finish, Add	*700.04*	
08 91 16 00-0112	EA	54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,630.52	103.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*142.28*	
		For Clear Lacquer Finish, Add	*284.57*	
		For Baked Enamel Standard Colors, Add	*426.85*	
		For Anodized Finish, Add	*569.13*	
		For Kynar® Standard Colors Finish, Add	*782.56*	
08 91 16 00-0113	EA	54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,843.05	111.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*161.98*	
		For Clear Lacquer Finish, Add	*323.96*	
		For Baked Enamel Standard Colors, Add	*485.94*	
		For Anodized Finish, Add	*647.92*	
		For Kynar® Standard Colors Finish, Add	*890.88*	
08 91 16 00-0114	EA	54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,049.91	119.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*181.11*	
		For Clear Lacquer Finish, Add	*362.21*	
		For Baked Enamel Standard Colors, Add	*543.32*	
		For Anodized Finish, Add	*724.43*	
		For Kynar® Standard Colors Finish, Add	*996.09*	
08 91 16 00-0115	EA	54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,205.56	127.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*195.12*	
		For Clear Lacquer Finish, Add	*390.23*	
		For Baked Enamel Standard Colors, Add	*585.35*	
		For Anodized Finish, Add	*780.46*	
		For Kynar® Standard Colors Finish, Add	*1,073.13*	
08 91 16 00-0116	EA	54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,359.08	134.99
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*208.91*	
		For Clear Lacquer Finish, Add	*417.82*	
		For Baked Enamel Standard Colors, Add	*626.73*	
		For Anodized Finish, Add	*835.64*	
		For Kynar® Standard Colors Finish, Add	*1,149.00*	
08 91 16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,505.99	140.19
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*222.56*	
		For Clear Lacquer Finish, Add	*445.12*	
		For Baked Enamel Standard Colors, Add	*667.69*	
		For Anodized Finish, Add	*890.25*	
		For Kynar® Standard Colors Finish, Add	*1,224.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,699.83	145.38
		For Flange Frame, Add	*240.91*	
		For Clear Lacquer Finish, Add	*481.81*	
		For Baked Enamel Standard Colors, Add	*722.72*	
		For Anodized Finish, Add	*963.63*	
		For Kynar® Standard Colors Finish, Add	*1,324.99*	
08 91 16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,861.67	150.58
		For Flange Frame, Add	*256.05*	
		For Clear Lacquer Finish, Add	*512.11*	
		For Baked Enamel Standard Colors, Add	*768.16*	
		For Anodized Finish, Add	*1,024.21*	
		For Kynar® Standard Colors Finish, Add	*1,408.29*	
08 91 16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,069.73	155.76
		For Flange Frame, Add	*275.82*	
		For Clear Lacquer Finish, Add	*551.64*	
		For Baked Enamel Standard Colors, Add	*827.46*	
		For Anodized Finish, Add	*1,103.28*	
		For Kynar® Standard Colors Finish, Add	*1,517.01*	
08 91 16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,226.81	163.55
		For Flange Frame, Add	*289.97*	
		For Clear Lacquer Finish, Add	*579.94*	
		For Baked Enamel Standard Colors, Add	*869.91*	
		For Anodized Finish, Add	*1,159.88*	
		For Kynar® Standard Colors Finish, Add	*1,594.84*	
08 91 16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	797.70	67.50
		For Flange Frame, Add	*66.27*	
		For Clear Lacquer Finish, Add	*132.54*	
		For Baked Enamel Standard Colors, Add	*198.81*	
		For Anodized Finish, Add	*265.08*	
		For Kynar® Standard Colors Finish, Add	*364.49*	
08 91 16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,025.82	83.08
		For Flange Frame, Add	*85.97*	
		For Clear Lacquer Finish, Add	*171.93*	
		For Baked Enamel Standard Colors, Add	*257.90*	
		For Anodized Finish, Add	*343.87*	
		For Kynar® Standard Colors Finish, Add	*472.82*	
08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,193.78	93.45
		For Flange Frame, Add	*100.69*	
		For Clear Lacquer Finish, Add	*201.37*	
		For Baked Enamel Standard Colors, Add	*302.06*	
		For Anodized Finish, Add	*402.74*	
		For Kynar® Standard Colors Finish, Add	*553.77*	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,374.82	98.65
		For Flange Frame, Add	*117.75*	
		For Clear Lacquer Finish, Add	*235.50*	
		For Baked Enamel Standard Colors, Add	*353.26*	
		For Anodized Finish, Add	*471.01*	
		For Kynar® Standard Colors Finish, Add	*647.64*	
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,565.31	106.44
		For Flange Frame, Add	*135.24*	
		For Clear Lacquer Finish, Add	*270.49*	
		For Baked Enamel Standard Colors, Add	*405.73*	
		For Anodized Finish, Add	*540.98*	
		For Kynar® Standard Colors Finish, Add	*743.84*	
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,734.97	111.63
		For Flange Frame, Add	*151.17*	
		For Clear Lacquer Finish, Add	*302.34*	
		For Baked Enamel Standard Colors, Add	*453.51*	
		For Anodized Finish, Add	*604.68*	
		For Kynar® Standard Colors Finish, Add	*831.44*	
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,962.45	119.42
		For Flange Frame, Add	*172.36*	
		For Clear Lacquer Finish, Add	*344.72*	
		For Baked Enamel Standard Colors, Add	*517.08*	
		For Anodized Finish, Add	*689.44*	
		For Kynar® Standard Colors Finish, Add	*947.99*	
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,174.98	127.21
		For Flange Frame, Add	*192.06*	
		For Clear Lacquer Finish, Add	*384.11*	
		For Baked Enamel Standard Colors, Add	*576.17*	
		For Anodized Finish, Add	*768.23*	
		For Kynar® Standard Colors Finish, Add	*1,056.31*	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,341.31	134.99
		For Flange Frame, Add	*207.13*	
		For Clear Lacquer Finish, Add	*414.26*	
		For Baked Enamel Standard Colors, Add	*621.40*	
		For Anodized Finish, Add	*828.53*	
		For Kynar® Standard Colors Finish, Add	*1,139.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0131	EA	60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,504.79	142.78
		For Flange Frame, Add	*221.92*	
		For Clear Lacquer Finish, Add	*443.84*	
		For Baked Enamel Standard Colors, Add	*665.77*	
		For Anodized Finish, Add	*887.69*	
		For Kynar® Standard Colors Finish, Add	*1,220.57*	
08 91 16 00-0132	EA	60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,660.94	147.97
		For Flange Frame, Add	*236.50*	
		For Clear Lacquer Finish, Add	*473.00*	
		For Baked Enamel Standard Colors, Add	*709.50*	
		For Anodized Finish, Add	*946.00*	
		For Kynar® Standard Colors Finish, Add	*1,300.74*	
08 91 16 00-0133	EA	60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,871.13	153.17
		For Flange Frame, Add	*256.48*	
		For Clear Lacquer Finish, Add	*512.96*	
		For Baked Enamel Standard Colors, Add	*769.44*	
		For Anodized Finish, Add	*1,025.92*	
		For Kynar® Standard Colors Finish, Add	*1,410.63*	
08 91 16 00-0134	EA	60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,040.79	158.36
		For Flange Frame, Add	*272.41*	
		For Clear Lacquer Finish, Add	*544.81*	
		For Baked Enamel Standard Colors, Add	*817.22*	
		For Anodized Finish, Add	*1,089.63*	
		For Kynar® Standard Colors Finish, Add	*1,498.24*	
08 91 16 00-0135	EA	60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,259.52	163.55
		For Flange Frame, Add	*293.24*	
		For Clear Lacquer Finish, Add	*586.48*	
		For Baked Enamel Standard Colors, Add	*879.72*	
		For Anodized Finish, Add	*1,172.96*	
		For Kynar® Standard Colors Finish, Add	*1,612.83*	
08 91 16 00-0136	EA	60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,420.65	168.74
		For Flange Frame, Add	*308.32*	
		For Clear Lacquer Finish, Add	*616.63*	
		For Baked Enamel Standard Colors, Add	*924.95*	
		For Anodized Finish, Add	*1,233.26*	
		For Kynar® Standard Colors Finish, Add	*1,695.74*	

08 91 16 00-0137 Adjustable Intake Wall Louvers Operators *(08 91 16)*

08 91 16 00-0138	EA	5' Chain Actuator For Adjustable Intake Louver	205.51	25.96
08 91 16 00-0139	EA	Panel Crank For Adjustable Intake Louver	431.76	10.38

08 91 19 Fixed Louvers *(08 91)*

08 91 19 00-0001 Fixed Intake Wall Louvers *(08 91 19)*

08 91 19 00-0002	EA	12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	261.47	23.36
		For Flange Frame, Add	*21.47*	
		For Clear Lacquer Finish, Add	*42.95*	
		For Baked Enamel Standard Colors, Add	*64.42*	
		For Anodized Finish, Add	*85.90*	
		For Kynar® Standard Colors Finish, Add	*118.11*	
08 91 19 00-0003	EA	12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	310.96	28.56
		For Flange Frame, Add	*25.39*	
		For Clear Lacquer Finish, Add	*50.77*	
		For Baked Enamel Standard Colors, Add	*76.16*	
		For Anodized Finish, Add	*101.54*	
		For Kynar® Standard Colors Finish, Add	*139.62*	
08 91 19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	361.17	33.75
		For Flange Frame, Add	*29.37*	
		For Clear Lacquer Finish, Add	*58.73*	
		For Baked Enamel Standard Colors, Add	*88.10*	
		For Anodized Finish, Add	*117.47*	
		For Kynar® Standard Colors Finish, Add	*161.52*	
08 91 19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	423.46	38.95
		For Flange Frame, Add	*34.56*	
		For Clear Lacquer Finish, Add	*69.12*	
		For Baked Enamel Standard Colors, Add	*103.67*	
		For Anodized Finish, Add	*138.23*	
		For Kynar® Standard Colors Finish, Add	*190.07*	
08 91 19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	476.51	44.13
		For Flange Frame, Add	*38.82*	
		For Clear Lacquer Finish, Add	*77.65*	
		For Baked Enamel Standard Colors, Add	*116.47*	
		For Anodized Finish, Add	*155.30*	
		For Kynar® Standard Colors Finish, Add	*213.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	560.84	49.32
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*46.22*	
		For Clear Lacquer Finish, Add	*92.44*	
		For Baked Enamel Standard Colors, Add	*138.66*	
		For Anodized Finish, Add	*184.88*	
		For Kynar® Standard Colors Finish, Add	*254.20*	
08 91 19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	608.20	54.52
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*49.92*	
		For Clear Lacquer Finish, Add	*99.83*	
		For Baked Enamel Standard Colors, Add	*149.75*	
		For Anodized Finish, Add	*199.66*	
		For Kynar® Standard Colors Finish, Add	*274.54*	
08 91 19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	680.66	62.31
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*55.61*	
		For Clear Lacquer Finish, Add	*111.21*	
		For Baked Enamel Standard Colors, Add	*166.82*	
		For Anodized Finish, Add	*222.42*	
		For Kynar® Standard Colors Finish, Add	*305.83*	
08 91 19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	724.46	67.50
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*58.95*	
		For Clear Lacquer Finish, Add	*117.89*	
		For Baked Enamel Standard Colors, Add	*176.84*	
		For Anodized Finish, Add	*235.79*	
		For Kynar® Standard Colors Finish, Add	*324.21*	
08 91 19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	783.20	72.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*63.78*	
		For Clear Lacquer Finish, Add	*127.56*	
		For Baked Enamel Standard Colors, Add	*191.35*	
		For Anodized Finish, Add	*255.13*	
		For Kynar® Standard Colors Finish, Add	*350.80*	
08 91 19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	834.82	77.88
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*67.91*	
		For Clear Lacquer Finish, Add	*135.81*	
		For Baked Enamel Standard Colors, Add	*203.72*	
		For Anodized Finish, Add	*271.62*	
		For Kynar® Standard Colors Finish, Add	*373.48*	
08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	895.70	83.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*72.96*	
		For Clear Lacquer Finish, Add	*145.91*	
		For Baked Enamel Standard Colors, Add	*218.87*	
		For Anodized Finish, Add	*291.82*	
		For Kynar® Standard Colors Finish, Add	*401.25*	
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	953.01	88.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*77.65*	
		For Clear Lacquer Finish, Add	*155.30*	
		For Baked Enamel Standard Colors, Add	*232.94*	
		For Anodized Finish, Add	*310.59*	
		For Kynar® Standard Colors Finish, Add	*427.06*	
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,005.55	96.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*81.35*	
		For Clear Lacquer Finish, Add	*162.69*	
		For Baked Enamel Standard Colors, Add	*244.04*	
		For Anodized Finish, Add	*325.38*	
		For Kynar® Standard Colors Finish, Add	*447.40*	
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,074.47	103.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*86.68*	
		For Clear Lacquer Finish, Add	*173.36*	
		For Baked Enamel Standard Colors, Add	*260.03*	
		For Anodized Finish, Add	*346.71*	
		For Kynar® Standard Colors Finish, Add	*476.73*	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	304.56	28.56
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*24.75*	
		For Clear Lacquer Finish, Add	*49.49*	
		For Baked Enamel Standard Colors, Add	*74.24*	
		For Anodized Finish, Add	*98.98*	
		For Kynar® Standard Colors Finish, Add	*136.10*	
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	366.36	36.34
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*29.37*	
		For Clear Lacquer Finish, Add	*58.73*	
		For Baked Enamel Standard Colors, Add	*88.10*	
		For Anodized Finish, Add	*117.47*	
		For Kynar® Standard Colors Finish, Add	*161.52*	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	424.39	41.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*34.13*	
		For Clear Lacquer Finish, Add	*68.26*	
		For Baked Enamel Standard Colors, Add	*102.39*	
		For Anodized Finish, Add	*136.52*	
		For Kynar® Standard Colors Finish, Add	*187.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	531.90	51.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*42.81*	
		For Clear Lacquer Finish, Add	*85.61*	
		For Baked Enamel Standard Colors, Add	*128.42*	
		For Anodized Finish, Add	*171.22*	
		For Kynar® Standard Colors Finish, Add	*235.43*	
08 91 19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	609.12	57.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*49.49*	
		For Clear Lacquer Finish, Add	*98.98*	
		For Baked Enamel Standard Colors, Add	*148.47*	
		For Anodized Finish, Add	*197.96*	
		For Kynar® Standard Colors Finish, Add	*272.20*	
08 91 19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	677.81	62.31
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*55.32*	
		For Clear Lacquer Finish, Add	*110.64*	
		For Baked Enamel Standard Colors, Add	*165.96*	
		For Anodized Finish, Add	*221.28*	
		For Kynar® Standard Colors Finish, Add	*304.26*	
08 91 19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	727.30	67.50
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*59.23*	
		For Clear Lacquer Finish, Add	*118.46*	
		For Baked Enamel Standard Colors, Add	*177.69*	
		For Anodized Finish, Add	*236.92*	
		For Kynar® Standard Colors Finish, Add	*325.77*	
08 91 19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	809.73	75.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*65.92*	
		For Clear Lacquer Finish, Add	*131.83*	
		For Baked Enamel Standard Colors, Add	*197.75*	
		For Anodized Finish, Add	*263.66*	
		For Kynar® Standard Colors Finish, Add	*362.53*	
08 91 19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	868.68	83.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*70.25*	
		For Clear Lacquer Finish, Add	*140.51*	
		For Baked Enamel Standard Colors, Add	*210.76*	
		For Anodized Finish, Add	*281.01*	
		For Kynar® Standard Colors Finish, Add	*386.39*	
08 91 19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	943.05	88.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*76.65*	
		For Clear Lacquer Finish, Add	*153.30*	
		For Baked Enamel Standard Colors, Add	*229.96*	
		For Anodized Finish, Add	*306.61*	
		For Kynar® Standard Colors Finish, Add	*421.59*	
08 91 19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,000.37	93.45
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*81.35*	
		For Clear Lacquer Finish, Add	*162.69*	
		For Baked Enamel Standard Colors, Add	*244.04*	
		For Anodized Finish, Add	*325.38*	
		For Kynar® Standard Colors Finish, Add	*447.40*	
08 91 19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,064.08	98.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*86.68*	
		For Clear Lacquer Finish, Add	*173.36*	
		For Baked Enamel Standard Colors, Add	*260.03*	
		For Anodized Finish, Add	*346.71*	
		For Kynar® Standard Colors Finish, Add	*476.73*	
08 91 19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,130.65	103.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*92.30*	
		For Clear Lacquer Finish, Add	*184.59*	
		For Baked Enamel Standard Colors, Add	*276.89*	
		For Anodized Finish, Add	*369.18*	
		For Kynar® Standard Colors Finish, Add	*507.63*	
08 91 19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,191.01	111.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*96.78*	
		For Clear Lacquer Finish, Add	*193.55*	
		For Baked Enamel Standard Colors, Add	*290.33*	
		For Anodized Finish, Add	*387.10*	
		For Kynar® Standard Colors Finish, Add	*532.26*	
08 91 19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,273.43	119.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*103.46*	
		For Clear Lacquer Finish, Add	*206.92*	
		For Baked Enamel Standard Colors, Add	*310.38*	
		For Anodized Finish, Add	*413.84*	
		For Kynar® Standard Colors Finish, Add	*569.02*	
08 91 19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	352.64	33.75
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*28.51*	
		For Clear Lacquer Finish, Add	*57.03*	
		For Baked Enamel Standard Colors, Add	*85.54*	
		For Anodized Finish, Add	*114.06*	
		For Kynar® Standard Colors Finish, Add	*156.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	420.83	41.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*33.78*	
		For Clear Lacquer Finish, Add	*67.55*	
		For Baked Enamel Standard Colors, Add	*101.33*	
		For Anodized Finish, Add	*135.10*	
		For Kynar® Standard Colors Finish, Add	*185.76*	
08 91 19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	520.31	49.32
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*42.17*	
		For Clear Lacquer Finish, Add	*84.33*	
		For Baked Enamel Standard Colors, Add	*126.50*	
		For Anodized Finish, Add	*168.66*	
		For Kynar® Standard Colors Finish, Add	*231.91*	
08 91 19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	614.32	59.71
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*49.49*	
		For Clear Lacquer Finish, Add	*98.98*	
		For Baked Enamel Standard Colors, Add	*148.47*	
		For Anodized Finish, Add	*197.96*	
		For Kynar® Standard Colors Finish, Add	*272.20*	
08 91 19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	701.50	64.90
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*57.17*	
		For Clear Lacquer Finish, Add	*114.34*	
		For Baked Enamel Standard Colors, Add	*171.51*	
		For Anodized Finish, Add	*228.68*	
		For Kynar® Standard Colors Finish, Add	*314.43*	
08 91 19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	782.28	70.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*64.21*	
		For Clear Lacquer Finish, Add	*128.42*	
		For Baked Enamel Standard Colors, Add	*192.63*	
		For Anodized Finish, Add	*256.84*	
		For Kynar® Standard Colors Finish, Add	*353.15*	
08 91 19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	851.18	77.88
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*69.54*	
		For Clear Lacquer Finish, Add	*139.08*	
		For Baked Enamel Standard Colors, Add	*208.63*	
		For Anodized Finish, Add	*278.17*	
		For Kynar® Standard Colors Finish, Add	*382.48*	
08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	943.05	88.27
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*76.65*	
		For Clear Lacquer Finish, Add	*153.30*	
		For Baked Enamel Standard Colors, Add	*229.96*	
		For Anodized Finish, Add	*306.61*	
		For Kynar® Standard Colors Finish, Add	*421.59*	
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,003.22	93.45
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*81.63*	
		For Clear Lacquer Finish, Add	*163.26*	
		For Baked Enamel Standard Colors, Add	*244.89*	
		For Anodized Finish, Add	*326.52*	
		For Kynar® Standard Colors Finish, Add	*448.97*	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,102.91	103.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*89.52*	
		For Clear Lacquer Finish, Add	*179.04*	
		For Baked Enamel Standard Colors, Add	*268.57*	
		For Anodized Finish, Add	*358.09*	
		For Kynar® Standard Colors Finish, Add	*492.37*	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,165.20	109.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*94.71*	
		For Clear Lacquer Finish, Add	*189.43*	
		For Baked Enamel Standard Colors, Add	*284.14*	
		For Anodized Finish, Add	*378.85*	
		For Kynar® Standard Colors Finish, Add	*520.92*	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,245.28	114.22
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*101.68*	
		For Clear Lacquer Finish, Add	*203.36*	
		For Baked Enamel Standard Colors, Add	*305.05*	
		For Anodized Finish, Add	*406.73*	
		For Kynar® Standard Colors Finish, Add	*559.25*	
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,323.92	119.42
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*108.51*	
		For Clear Lacquer Finish, Add	*217.02*	
		For Baked Enamel Standard Colors, Add	*325.52*	
		For Anodized Finish, Add	*434.03*	
		For Kynar® Standard Colors Finish, Add	*596.79*	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,385.71	127.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*113.13*	
		For Clear Lacquer Finish, Add	*226.26*	
		For Baked Enamel Standard Colors, Add	*339.39*	
		For Anodized Finish, Add	*452.52*	
		For Kynar® Standard Colors Finish, Add	*622.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,485.19	134.99
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*121.52*	
		For Clear Lacquer Finish, Add	*243.04*	
		For Baked Enamel Standard Colors, Add	*364.56*	
		For Anodized Finish, Add	*486.08*	
		For Kynar® Standard Colors Finish, Add	*668.36*	
08 91 19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	395.72	38.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*31.78*	
		For Clear Lacquer Finish, Add	*63.57*	
		For Baked Enamel Standard Colors, Add	*95.35*	
		For Anodized Finish, Add	*127.14*	
		For Kynar® Standard Colors Finish, Add	*174.81*	
08 91 19 00-0048	EA	30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	512.70	51.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*40.89*	
		For Clear Lacquer Finish, Add	*81.77*	
		For Baked Enamel Standard Colors, Add	*122.66*	
		For Anodized Finish, Add	*163.54*	
		For Kynar® Standard Colors Finish, Add	*224.87*	
08 91 19 00-0049	EA	30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	597.96	59.71
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*47.85*	
		For Clear Lacquer Finish, Add	*95.71*	
		For Baked Enamel Standard Colors, Add	*143.56*	
		For Anodized Finish, Add	*191.42*	
		For Kynar® Standard Colors Finish, Add	*263.20*	
08 91 19 00-0050	EA	30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	696.73	67.50
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*56.17*	
		For Clear Lacquer Finish, Add	*112.35*	
		For Baked Enamel Standard Colors, Add	*168.52*	
		For Anodized Finish, Add	*224.70*	
		For Kynar® Standard Colors Finish, Add	*308.96*	
08 91 19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	800.98	72.69
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*65.56*	
		For Clear Lacquer Finish, Add	*131.12*	
		For Baked Enamel Standard Colors, Add	*196.68*	
		For Anodized Finish, Add	*262.24*	
		For Kynar® Standard Colors Finish, Add	*360.58*	
08 91 19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	890.51	80.47
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*72.96*	
		For Clear Lacquer Finish, Add	*145.91*	
		For Baked Enamel Standard Colors, Add	*218.87*	
		For Anodized Finish, Add	*291.82*	
		For Kynar® Standard Colors Finish, Add	*401.25*	
08 91 19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	957.06	85.67
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*78.57*	
		For Clear Lacquer Finish, Add	*157.14*	
		For Baked Enamel Standard Colors, Add	*235.72*	
		For Anodized Finish, Add	*314.29*	
		For Kynar® Standard Colors Finish, Add	*432.15*	
08 91 19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,050.86	93.45
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*86.39*	
		For Clear Lacquer Finish, Add	*172.79*	
		For Baked Enamel Standard Colors, Add	*259.18*	
		For Anodized Finish, Add	*345.58*	
		For Kynar® Standard Colors Finish, Add	*475.17*	
08 91 19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,125.23	98.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*92.79*	
		For Clear Lacquer Finish, Add	*185.59*	
		For Baked Enamel Standard Colors, Add	*278.38*	
		For Anodized Finish, Add	*371.17*	
		For Kynar® Standard Colors Finish, Add	*510.36*	
08 91 19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,239.86	109.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*102.18*	
		For Clear Lacquer Finish, Add	*204.36*	
		For Baked Enamel Standard Colors, Add	*306.54*	
		For Anodized Finish, Add	*408.72*	
		For Kynar® Standard Colors Finish, Add	*561.98*	
08 91 19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,313.74	116.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*108.01*	
		For Clear Lacquer Finish, Add	*216.02*	
		For Baked Enamel Standard Colors, Add	*324.03*	
		For Anodized Finish, Add	*432.04*	
		For Kynar® Standard Colors Finish, Add	*594.06*	
08 91 19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,398.79	122.01
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*115.48*	
		For Clear Lacquer Finish, Add	*230.95*	
		For Baked Enamel Standard Colors, Add	*346.43*	
		For Anodized Finish, Add	*461.90*	
		For Kynar® Standard Colors Finish, Add	*635.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,483.12	127.21
		For Flange Frame, Add	*122.87*	
		For Clear Lacquer Finish, Add	*245.74*	
		For Baked Enamel Standard Colors, Add	*368.61*	
		For Anodized Finish, Add	*491.48*	
		For Kynar® Standard Colors Finish, Add	*675.79*	
08 91 19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,555.59	134.99
		For Flange Frame, Add	*128.56*	
		For Clear Lacquer Finish, Add	*257.12*	
		For Baked Enamel Standard Colors, Add	*385.68*	
		For Anodized Finish, Add	*514.24*	
		For Kynar® Standard Colors Finish, Add	*707.08*	
08 91 19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,667.87	142.78
		For Flange Frame, Add	*138.23*	
		For Clear Lacquer Finish, Add	*276.46*	
		For Baked Enamel Standard Colors, Add	*414.69*	
		For Anodized Finish, Add	*552.92*	
		For Kynar® Standard Colors Finish, Add	*760.27*	
08 91 19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	439.53	44.13
		For Flange Frame, Add	*35.13*	
		For Clear Lacquer Finish, Add	*70.25*	
		For Baked Enamel Standard Colors, Add	*105.38*	
		For Anodized Finish, Add	*140.50*	
		For Kynar® Standard Colors Finish, Add	*193.19*	
08 91 19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	576.41	57.11
		For Flange Frame, Add	*46.22*	
		For Clear Lacquer Finish, Add	*92.44*	
		For Baked Enamel Standard Colors, Add	*138.66*	
		For Anodized Finish, Add	*184.88*	
		For Kynar® Standard Colors Finish, Add	*254.20*	
08 91 19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	665.95	64.90
		For Flange Frame, Add	*53.61*	
		For Clear Lacquer Finish, Add	*107.23*	
		For Baked Enamel Standard Colors, Add	*160.84*	
		For Anodized Finish, Add	*214.46*	
		For Kynar® Standard Colors Finish, Add	*294.88*	
08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	771.82	72.69
		For Flange Frame, Add	*62.64*	
		For Clear Lacquer Finish, Add	*125.29*	
		For Baked Enamel Standard Colors, Add	*187.93*	
		For Anodized Finish, Add	*250.58*	
		For Kynar® Standard Colors Finish, Add	*344.54*	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	889.52	78.92
		For Flange Frame, Add	*73.17*	
		For Clear Lacquer Finish, Add	*146.34*	
		For Baked Enamel Standard Colors, Add	*219.50*	
		For Anodized Finish, Add	*292.67*	
		For Kynar® Standard Colors Finish, Add	*402.42*	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	981.95	85.67
		For Flange Frame, Add	*81.06*	
		For Clear Lacquer Finish, Add	*162.12*	
		For Baked Enamel Standard Colors, Add	*243.18*	
		For Anodized Finish, Add	*324.24*	
		For Kynar® Standard Colors Finish, Add	*445.84*	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,061.30	90.86
		For Flange Frame, Add	*87.96*	
		For Clear Lacquer Finish, Add	*175.92*	
		For Baked Enamel Standard Colors, Add	*263.87*	
		For Anodized Finish, Add	*351.83*	
		For Kynar® Standard Colors Finish, Add	*483.77*	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,167.90	98.65
		For Flange Frame, Add	*97.06*	
		For Clear Lacquer Finish, Add	*194.12*	
		For Baked Enamel Standard Colors, Add	*291.18*	
		For Anodized Finish, Add	*388.24*	
		For Kynar® Standard Colors Finish, Add	*533.83*	
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,249.60	106.44
		For Flange Frame, Add	*103.67*	
		For Clear Lacquer Finish, Add	*207.35*	
		For Baked Enamel Standard Colors, Add	*311.02*	
		For Anodized Finish, Add	*414.69*	
		For Kynar® Standard Colors Finish, Add	*570.20*	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,376.82	114.22
		For Flange Frame, Add	*114.84*	
		For Clear Lacquer Finish, Add	*229.67*	
		For Baked Enamel Standard Colors, Add	*344.51*	
		For Anodized Finish, Add	*459.34*	
		For Kynar® Standard Colors Finish, Add	*631.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,462.08	122.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*121.81*	
		For Clear Lacquer Finish, Add	*243.61*	
		For Baked Enamel Standard Colors, Add	*365.42*	
		For Anodized Finish, Add	*487.22*	
		For Kynar® Standard Colors Finish, Add	*669.93*	
08 91 19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,552.81	127.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.84*	
		For Clear Lacquer Finish, Add	*259.68*	
		For Baked Enamel Standard Colors, Add	*389.52*	
		For Anodized Finish, Add	*519.36*	
		For Kynar® Standard Colors Finish, Add	*714.12*	
08 91 19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,647.10	132.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*138.23*	
		For Clear Lacquer Finish, Add	*276.46*	
		For Baked Enamel Standard Colors, Add	*414.69*	
		For Anodized Finish, Add	*552.92*	
		For Kynar® Standard Colors Finish, Add	*760.27*	
08 91 19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,729.51	140.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*144.91*	
		For Clear Lacquer Finish, Add	*289.83*	
		For Baked Enamel Standard Colors, Add	*434.74*	
		For Anodized Finish, Add	*579.66*	
		For Kynar® Standard Colors Finish, Add	*797.03*	
08 91 19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,856.02	147.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*156.01*	
		For Clear Lacquer Finish, Add	*312.01*	
		For Baked Enamel Standard Colors, Add	*468.02*	
		For Anodized Finish, Add	*624.03*	
		For Kynar® Standard Colors Finish, Add	*858.04*	
08 91 19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	510.35	49.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*41.17*	
		For Clear Lacquer Finish, Add	*82.34*	
		For Baked Enamel Standard Colors, Add	*123.51*	
		For Anodized Finish, Add	*164.68*	
		For Kynar® Standard Colors Finish, Add	*226.44*	
08 91 19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	626.62	62.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*50.20*	
		For Clear Lacquer Finish, Add	*100.40*	
		For Baked Enamel Standard Colors, Add	*150.60*	
		For Anodized Finish, Add	*200.80*	
		For Kynar® Standard Colors Finish, Add	*276.11*	
08 91 19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	725.39	70.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*58.52*	
		For Clear Lacquer Finish, Add	*117.04*	
		For Baked Enamel Standard Colors, Add	*175.56*	
		For Anodized Finish, Add	*234.08*	
		For Kynar® Standard Colors Finish, Add	*321.86*	
08 91 19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	847.84	80.47
		Note: Includes bird screen.		
		For Flange Frame, Add	*68.69*	
		For Clear Lacquer Finish, Add	*137.38*	
		For Baked Enamel Standard Colors, Add	*206.06*	
		For Anodized Finish, Add	*274.75*	
		For Kynar® Standard Colors Finish, Add	*377.78*	
08 91 19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	974.84	85.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*80.35*	
		For Clear Lacquer Finish, Add	*160.70*	
		For Baked Enamel Standard Colors, Add	*241.05*	
		For Anodized Finish, Add	*321.40*	
		For Kynar® Standard Colors Finish, Add	*441.93*	
08 91 19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,076.94	90.86
		Note: Includes bird screen.		
		For Flange Frame, Add	*89.52*	
		For Clear Lacquer Finish, Add	*179.04*	
		For Baked Enamel Standard Colors, Add	*268.57*	
		For Anodized Finish, Add	*358.09*	
		For Kynar® Standard Colors Finish, Add	*492.37*	
08 91 19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,165.54	96.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*97.34*	
		For Clear Lacquer Finish, Add	*194.69*	
		For Baked Enamel Standard Colors, Add	*292.03*	
		For Anodized Finish, Add	*389.38*	
		For Kynar® Standard Colors Finish, Add	*535.39*	
08 91 19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,272.15	103.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*106.45*	
		For Clear Lacquer Finish, Add	*212.89*	
		For Baked Enamel Standard Colors, Add	*319.34*	
		For Anodized Finish, Add	*425.78*	
		For Kynar® Standard Colors Finish, Add	*585.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,363.80	111.63
		Note: Includes bird screen.		
		For Flange Frame, Add	*114.05*	
		For Clear Lacquer Finish, Add	*228.11*	
		For Baked Enamel Standard Colors, Add	*342.16*	
		For Anodized Finish, Add	*456.22*	
		For Kynar® Standard Colors Finish, Add	*627.30*	
08 91 19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,504.53	119.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*126.57*	
		For Clear Lacquer Finish, Add	*253.14*	
		For Baked Enamel Standard Colors, Add	*379.71*	
		For Anodized Finish, Add	*506.28*	
		For Kynar® Standard Colors Finish, Add	*696.13*	
08 91 19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,596.18	127.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*134.18*	
		For Clear Lacquer Finish, Add	*268.35*	
		For Baked Enamel Standard Colors, Add	*402.53*	
		For Anodized Finish, Add	*536.71*	
		For Kynar® Standard Colors Finish, Add	*737.97*	
08 91 19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,698.30	132.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*143.35*	
		For Clear Lacquer Finish, Add	*286.70*	
		For Baked Enamel Standard Colors, Add	*430.05*	
		For Anodized Finish, Add	*573.40*	
		For Kynar® Standard Colors Finish, Add	*788.43*	
08 91 19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,801.11	137.59
		Note: Includes bird screen.		
		For Flange Frame, Add	*152.59*	
		For Clear Lacquer Finish, Add	*305.19*	
		For Baked Enamel Standard Colors, Add	*457.78*	
		For Anodized Finish, Add	*610.37*	
		For Kynar® Standard Colors Finish, Add	*839.26*	
08 91 19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,897.76	145.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*160.70*	
		For Clear Lacquer Finish, Add	*321.40*	
		For Baked Enamel Standard Colors, Add	*482.10*	
		For Anodized Finish, Add	*642.80*	
		For Kynar® Standard Colors Finish, Add	*883.85*	
08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,033.50	153.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*172.72*	
		For Clear Lacquer Finish, Add	*345.43*	
		For Baked Enamel Standard Colors, Add	*518.15*	
		For Anodized Finish, Add	*690.86*	
		For Kynar® Standard Colors Finish, Add	*949.94*	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	558.43	54.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*44.94*	
		For Clear Lacquer Finish, Add	*89.88*	
		For Baked Enamel Standard Colors, Add	*134.82*	
		For Anodized Finish, Add	*179.76*	
		For Kynar® Standard Colors Finish, Add	*247.16*	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	684.64	67.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*54.97*	
		For Clear Lacquer Finish, Add	*109.93*	
		For Baked Enamel Standard Colors, Add	*164.90*	
		For Anodized Finish, Add	*219.86*	
		For Kynar® Standard Colors Finish, Add	*302.31*	
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	801.40	77.88
		Note: Includes bird screen.		
		For Flange Frame, Add	*64.56*	
		For Clear Lacquer Finish, Add	*129.13*	
		For Baked Enamel Standard Colors, Add	*193.69*	
		For Anodized Finish, Add	*258.26*	
		For Kynar® Standard Colors Finish, Add	*355.10*	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	920.80	85.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*74.95*	
		For Clear Lacquer Finish, Add	*149.89*	
		For Baked Enamel Standard Colors, Add	*224.84*	
		For Anodized Finish, Add	*299.78*	
		For Kynar® Standard Colors Finish, Add	*412.20*	
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,065.57	90.86
		Note: Includes bird screen.		
		For Flange Frame, Add	*88.39*	
		For Clear Lacquer Finish, Add	*176.77*	
		For Baked Enamel Standard Colors, Add	*265.16*	
		For Anodized Finish, Add	*353.54*	
		For Kynar® Standard Colors Finish, Add	*486.12*	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,183.32	96.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*99.12*	
		For Clear Lacquer Finish, Add	*198.24*	
		For Baked Enamel Standard Colors, Add	*297.37*	
		For Anodized Finish, Add	*396.49*	
		For Kynar® Standard Colors Finish, Add	*545.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,282.10	103.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*107.44*	
		For Clear Lacquer Finish, Add	*214.88*	
		For Baked Enamel Standard Colors, Add	*322.32*	
		For Anodized Finish, Add	*429.76*	
		For Kynar® Standard Colors Finish, Add	*590.93*	
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,435.62	111.63
		Note: Includes bird screen.		
		For Flange Frame, Add	*121.24*	
		For Clear Lacquer Finish, Add	*242.47*	
		For Baked Enamel Standard Colors, Add	*363.71*	
		For Anodized Finish, Add	*484.94*	
		For Kynar® Standard Colors Finish, Add	*666.80*	
08 91 19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,504.53	119.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*126.57*	
		For Clear Lacquer Finish, Add	*253.14*	
		For Baked Enamel Standard Colors, Add	*379.71*	
		For Anodized Finish, Add	*506.28*	
		For Kynar® Standard Colors Finish, Add	*696.13*	
08 91 19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,654.49	127.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*140.01*	
		For Clear Lacquer Finish, Add	*280.02*	
		For Baked Enamel Standard Colors, Add	*420.02*	
		For Anodized Finish, Add	*560.03*	
		For Kynar® Standard Colors Finish, Add	*770.04*	
08 91 19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,759.66	134.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*148.97*	
		For Clear Lacquer Finish, Add	*297.93*	
		For Baked Enamel Standard Colors, Add	*446.90*	
		For Anodized Finish, Add	*595.87*	
		For Kynar® Standard Colors Finish, Add	*819.32*	
08 91 19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,873.14	140.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*159.28*	
		For Clear Lacquer Finish, Add	*318.55*	
		For Baked Enamel Standard Colors, Add	*477.83*	
		For Anodized Finish, Add	*637.11*	
		For Kynar® Standard Colors Finish, Add	*876.02*	
08 91 19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,986.64	145.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*169.59*	
		For Clear Lacquer Finish, Add	*339.18*	
		For Baked Enamel Standard Colors, Add	*508.76*	
		For Anodized Finish, Add	*678.35*	
		For Kynar® Standard Colors Finish, Add	*932.73*	
08 91 19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,081.63	150.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*178.05*	
		For Clear Lacquer Finish, Add	*356.10*	
		For Baked Enamel Standard Colors, Add	*534.15*	
		For Anodized Finish, Add	*712.20*	
		For Kynar® Standard Colors Finish, Add	*979.27*	
08 91 19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,237.29	158.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*192.06*	
		For Clear Lacquer Finish, Add	*384.11*	
		For Baked Enamel Standard Colors, Add	*576.17*	
		For Anodized Finish, Add	*768.23*	
		For Kynar® Standard Colors Finish, Add	*1,056.31*	
08 91 19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	619.51	62.31
		Note: Includes bird screen.		
		For Flange Frame, Add	*49.49*	
		For Clear Lacquer Finish, Add	*98.98*	
		For Baked Enamel Standard Colors, Add	*148.47*	
		For Anodized Finish, Add	*197.96*	
		For Kynar® Standard Colors Finish, Add	*272.20*	
08 91 19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	759.96	75.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*60.94*	
		For Clear Lacquer Finish, Add	*121.88*	
		For Baked Enamel Standard Colors, Add	*182.81*	
		For Anodized Finish, Add	*243.75*	
		For Kynar® Standard Colors Finish, Add	*335.16*	
08 91 19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	889.72	88.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*71.32*	
		For Clear Lacquer Finish, Add	*142.64*	
		For Baked Enamel Standard Colors, Add	*213.96*	
		For Anodized Finish, Add	*285.28*	
		For Kynar® Standard Colors Finish, Add	*392.25*	
08 91 19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,016.02	93.45
		Note: Includes bird screen.		
		For Flange Frame, Add	*82.91*	
		For Clear Lacquer Finish, Add	*165.82*	
		For Baked Enamel Standard Colors, Add	*248.73*	
		For Anodized Finish, Add	*331.64*	
		For Kynar® Standard Colors Finish, Add	*456.01*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,188.52	98.65
		For Flange Frame, Add	*99.12*	
		For Clear Lacquer Finish, Add	*198.24*	
		For Baked Enamel Standard Colors, Add	*297.37*	
		For Anodized Finish, Add	*396.49*	
		For Kynar® Standard Colors Finish, Add	*545.17*	
08 91 19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,309.12	103.84
		For Flange Frame, Add	*110.14*	
		For Clear Lacquer Finish, Add	*220.29*	
		For Baked Enamel Standard Colors, Add	*330.43*	
		For Anodized Finish, Add	*440.57*	
		For Kynar® Standard Colors Finish, Add	*605.79*	
08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,424.24	111.63
		For Flange Frame, Add	*120.10*	
		For Clear Lacquer Finish, Add	*240.20*	
		For Baked Enamel Standard Colors, Add	*360.29*	
		For Anodized Finish, Add	*480.39*	
		For Kynar® Standard Colors Finish, Add	*660.54*	
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,591.28	119.42
		For Flange Frame, Add	*135.24*	
		For Clear Lacquer Finish, Add	*270.49*	
		For Baked Enamel Standard Colors, Add	*405.73*	
		For Anodized Finish, Add	*540.98*	
		For Kynar® Standard Colors Finish, Add	*743.84*	
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,709.95	127.21
		For Flange Frame, Add	*145.55*	
		For Clear Lacquer Finish, Add	*291.11*	
		For Baked Enamel Standard Colors, Add	*436.66*	
		For Anodized Finish, Add	*582.22*	
		For Kynar® Standard Colors Finish, Add	*800.55*	
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,884.81	134.99
		For Flange Frame, Add	*161.48*	
		For Clear Lacquer Finish, Add	*322.96*	
		For Baked Enamel Standard Colors, Add	*484.45*	
		For Anodized Finish, Add	*645.93*	
		For Kynar® Standard Colors Finish, Add	*888.15*	
08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,997.58	140.19
		For Flange Frame, Add	*171.72*	
		For Clear Lacquer Finish, Add	*343.44*	
		For Baked Enamel Standard Colors, Add	*515.16*	
		For Anodized Finish, Add	*686.88*	
		For Kynar® Standard Colors Finish, Add	*944.47*	
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,126.01	145.38
		For Flange Frame, Add	*183.53*	
		For Clear Lacquer Finish, Add	*367.05*	
		For Baked Enamel Standard Colors, Add	*550.58*	
		For Anodized Finish, Add	*734.10*	
		For Kynar® Standard Colors Finish, Add	*1,009.39*	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,249.44	150.58
		For Flange Frame, Add	*194.83*	
		For Clear Lacquer Finish, Add	*389.66*	
		For Baked Enamel Standard Colors, Add	*584.49*	
		For Anodized Finish, Add	*779.32*	
		For Kynar® Standard Colors Finish, Add	*1,071.57*	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,352.27	155.76
		For Flange Frame, Add	*204.07*	
		For Clear Lacquer Finish, Add	*408.15*	
		For Baked Enamel Standard Colors, Add	*612.22*	
		For Anodized Finish, Add	*816.30*	
		For Kynar® Standard Colors Finish, Add	*1,122.41*	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,532.82	163.55
		For Flange Frame, Add	*220.57*	
		For Clear Lacquer Finish, Add	*441.14*	
		For Baked Enamel Standard Colors, Add	*661.71*	
		For Anodized Finish, Add	*882.28*	
		For Kynar® Standard Colors Finish, Add	*1,213.14*	
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	666.15	67.50
		For Flange Frame, Add	*53.12*	
		For Clear Lacquer Finish, Add	*106.23*	
		For Baked Enamel Standard Colors, Add	*159.35*	
		For Anodized Finish, Add	*212.46*	
		For Kynar® Standard Colors Finish, Add	*292.14*	
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	821.75	83.08
		For Flange Frame, Add	*65.56*	
		For Clear Lacquer Finish, Add	*131.12*	
		For Baked Enamel Standard Colors, Add	*196.68*	
		For Anodized Finish, Add	*262.24*	
		For Kynar® Standard Colors Finish, Add	*360.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	953.44	93.45
		Note: Includes bird screen.		
		For Flange Frame, Add	*76.65*	
		For Clear Lacquer Finish, Add	*153.30*	
		For Baked Enamel Standard Colors, Add	*229.96*	
		For Anodized Finish, Add	*306.61*	
		For Kynar® Standard Colors Finish, Add	*421.59*	
08 91 19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,098.92	98.65
		Note: Includes bird screen.		
		For Flange Frame, Add	*90.16*	
		For Clear Lacquer Finish, Add	*180.32*	
		For Baked Enamel Standard Colors, Add	*270.49*	
		For Anodized Finish, Add	*360.65*	
		For Kynar® Standard Colors Finish, Add	*495.89*	
08 91 19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,280.17	106.44
		Note: Includes bird screen.		
		For Flange Frame, Add	*106.73*	
		For Clear Lacquer Finish, Add	*213.46*	
		For Baked Enamel Standard Colors, Add	*320.19*	
		For Anodized Finish, Add	*426.92*	
		For Kynar® Standard Colors Finish, Add	*587.02*	
08 91 19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,415.00	111.63
		Note: Includes bird screen.		
		For Flange Frame, Add	*119.17*	
		For Clear Lacquer Finish, Add	*238.35*	
		For Baked Enamel Standard Colors, Add	*357.52*	
		For Anodized Finish, Add	*476.70*	
		For Kynar® Standard Colors Finish, Add	*655.46*	
08 91 19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,535.10	119.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.63*	
		For Clear Lacquer Finish, Add	*259.25*	
		For Baked Enamel Standard Colors, Add	*388.88*	
		For Anodized Finish, Add	*518.50*	
		For Kynar® Standard Colors Finish, Add	*712.94*	
08 91 19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,713.51	127.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*145.91*	
		For Clear Lacquer Finish, Add	*291.82*	
		For Baked Enamel Standard Colors, Add	*437.73*	
		For Anodized Finish, Add	*583.64*	
		For Kynar® Standard Colors Finish, Add	*802.51*	
08 91 19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,840.72	134.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*157.07*	
		For Clear Lacquer Finish, Add	*314.15*	
		For Baked Enamel Standard Colors, Add	*471.22*	
		For Anodized Finish, Add	*628.29*	
		For Kynar® Standard Colors Finish, Add	*863.90*	
08 91 19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,029.80	142.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*174.42*	
		For Clear Lacquer Finish, Add	*348.85*	
		For Baked Enamel Standard Colors, Add	*523.27*	
		For Anodized Finish, Add	*697.69*	
		For Kynar® Standard Colors Finish, Add	*959.33*	
08 91 19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,149.68	147.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*185.37*	
		For Clear Lacquer Finish, Add	*370.75*	
		For Baked Enamel Standard Colors, Add	*556.12*	
		For Anodized Finish, Add	*741.49*	
		For Kynar® Standard Colors Finish, Add	*1,019.55*	
08 91 19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,285.93	153.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*197.96*	
		For Clear Lacquer Finish, Add	*395.92*	
		For Baked Enamel Standard Colors, Add	*593.88*	
		For Anodized Finish, Add	*791.84*	
		For Kynar® Standard Colors Finish, Add	*1,088.77*	
08 91 19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,419.32	158.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*210.26*	
		For Clear Lacquer Finish, Add	*420.52*	
		For Baked Enamel Standard Colors, Add	*630.78*	
		For Anodized Finish, Add	*841.04*	
		For Kynar® Standard Colors Finish, Add	*1,156.43*	
08 91 19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,532.82	163.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*220.57*	
		For Clear Lacquer Finish, Add	*441.14*	
		For Baked Enamel Standard Colors, Add	*661.71*	
		For Anodized Finish, Add	*882.28*	
		For Kynar® Standard Colors Finish, Add	*1,213.14*	
08 91 19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,720.25	168.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*238.28*	
		For Clear Lacquer Finish, Add	*476.55*	
		For Baked Enamel Standard Colors, Add	*714.83*	
		For Anodized Finish, Add	*953.10*	
		For Kynar® Standard Colors Finish, Add	*1,310.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	765.42	72.69
		Note: Includes bird screen.		
		For Flange Frame, Add	*62.00*	
		For Clear Lacquer Finish, Add	*124.01*	
		For Baked Enamel Standard Colors, Add	*186.01*	
		For Anodized Finish, Add	*248.02*	
		For Kynar® Standard Colors Finish, Add	*341.02*	
08 91 19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	945.90	88.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*76.94*	
		For Clear Lacquer Finish, Add	*153.87*	
		For Baked Enamel Standard Colors, Add	*230.81*	
		For Anodized Finish, Add	*307.75*	
		For Kynar® Standard Colors Finish, Add	*423.15*	
08 91 19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,102.91	103.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*89.52*	
		For Clear Lacquer Finish, Add	*179.04*	
		For Baked Enamel Standard Colors, Add	*268.57*	
		For Anodized Finish, Add	*358.09*	
		For Kynar® Standard Colors Finish, Add	*492.37*	
08 91 19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,261.19	109.04
		Note: Includes bird screen.		
		For Flange Frame, Add	*104.31*	
		For Clear Lacquer Finish, Add	*208.62*	
		For Baked Enamel Standard Colors, Add	*312.94*	
		For Anodized Finish, Add	*417.25*	
		For Kynar® Standard Colors Finish, Add	*573.72*	
08 91 19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,470.68	114.22
		Note: Includes bird screen.		
		For Flange Frame, Add	*124.22*	
		For Clear Lacquer Finish, Add	*248.44*	
		For Baked Enamel Standard Colors, Add	*372.67*	
		For Anodized Finish, Add	*496.89*	
		For Kynar® Standard Colors Finish, Add	*683.22*	
08 91 19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,617.59	119.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*137.88*	
		For Clear Lacquer Finish, Add	*275.75*	
		For Baked Enamel Standard Colors, Add	*413.63*	
		For Anodized Finish, Add	*551.50*	
		For Kynar® Standard Colors Finish, Add	*758.31*	
08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,760.44	127.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*150.60*	
		For Clear Lacquer Finish, Add	*301.21*	
		For Baked Enamel Standard Colors, Add	*451.81*	
		For Anodized Finish, Add	*602.41*	
		For Kynar® Standard Colors Finish, Add	*828.32*	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,927.47	134.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*165.75*	
		For Clear Lacquer Finish, Add	*331.50*	
		For Baked Enamel Standard Colors, Add	*497.24*	
		For Anodized Finish, Add	*662.99*	
		For Kynar® Standard Colors Finish, Add	*911.61*	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,069.62	142.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*178.41*	
		For Clear Lacquer Finish, Add	*356.81*	
		For Baked Enamel Standard Colors, Add	*535.22*	
		For Anodized Finish, Add	*713.62*	
		For Kynar® Standard Colors Finish, Add	*981.23*	
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,287.35	153.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*198.10*	
		For Clear Lacquer Finish, Add	*396.20*	
		For Baked Enamel Standard Colors, Add	*594.30*	
		For Anodized Finish, Add	*792.40*	
		For Kynar® Standard Colors Finish, Add	*1,089.56*	
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,424.51	160.96
		Note: Includes bird screen.		
		For Flange Frame, Add	*210.26*	
		For Clear Lacquer Finish, Add	*420.52*	
		For Baked Enamel Standard Colors, Add	*630.78*	
		For Anodized Finish, Add	*841.04*	
		For Kynar® Standard Colors Finish, Add	*1,156.43*	
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,568.57	166.15
		Note: Includes bird screen.		
		For Flange Frame, Add	*223.63*	
		For Clear Lacquer Finish, Add	*447.26*	
		For Baked Enamel Standard Colors, Add	*670.88*	
		For Anodized Finish, Add	*894.51*	
		For Kynar® Standard Colors Finish, Add	*1,229.95*	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,715.49	171.34
		Note: Includes bird screen.		
		For Flange Frame, Add	*237.28*	
		For Clear Lacquer Finish, Add	*474.56*	
		For Baked Enamel Standard Colors, Add	*711.84*	
		For Anodized Finish, Add	*949.12*	
		For Kynar® Standard Colors Finish, Add	*1,305.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,843.19	176.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*249.01*	
		For Clear Lacquer Finish, Add	*498.03*	
		For Baked Enamel Standard Colors, Add	*747.04*	
		For Anodized Finish, Add	*996.05*	
		For Kynar® Standard Colors Finish, Add	*1,369.57*	
08 91 19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,051.97	181.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*268.85*	
		For Clear Lacquer Finish, Add	*537.70*	
		For Baked Enamel Standard Colors, Add	*806.56*	
		For Anodized Finish, Add	*1,075.41*	
		For Kynar® Standard Colors Finish, Add	*1,478.69*	
08 91 19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	808.51	77.88
		Note: Includes bird screen.		
		For Flange Frame, Add	*65.28*	
		For Clear Lacquer Finish, Add	*130.55*	
		For Baked Enamel Standard Colors, Add	*195.83*	
		For Anodized Finish, Add	*261.10*	
		For Kynar® Standard Colors Finish, Add	*359.01*	
08 91 19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	997.53	93.45
		Note: Includes bird screen.		
		For Flange Frame, Add	*81.06*	
		For Clear Lacquer Finish, Add	*162.12*	
		For Baked Enamel Standard Colors, Add	*243.18*	
		For Anodized Finish, Add	*324.24*	
		For Kynar® Standard Colors Finish, Add	*445.84*	
08 91 19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,162.36	109.04
		Note: Includes bird screen.		
		For Flange Frame, Add	*94.43*	
		For Clear Lacquer Finish, Add	*188.86*	
		For Baked Enamel Standard Colors, Add	*283.29*	
		For Anodized Finish, Add	*377.72*	
		For Kynar® Standard Colors Finish, Add	*519.36*	
08 91 19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,335.07	116.83
		Note: Includes bird screen.		
		For Flange Frame, Add	*110.14*	
		For Clear Lacquer Finish, Add	*220.29*	
		For Baked Enamel Standard Colors, Add	*330.43*	
		For Anodized Finish, Add	*440.57*	
		For Kynar® Standard Colors Finish, Add	*605.79*	
08 91 19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,559.49	122.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*131.55*	
		For Clear Lacquer Finish, Add	*263.09*	
		For Baked Enamel Standard Colors, Add	*394.64*	
		For Anodized Finish, Add	*526.18*	
		For Kynar® Standard Colors Finish, Add	*723.50*	
08 91 19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,714.22	127.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*145.98*	
		For Clear Lacquer Finish, Add	*291.96*	
		For Baked Enamel Standard Colors, Add	*437.94*	
		For Anodized Finish, Add	*583.92*	
		For Kynar® Standard Colors Finish, Add	*802.90*	
08 91 19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,866.32	134.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*159.63*	
		For Clear Lacquer Finish, Add	*319.27*	
		For Baked Enamel Standard Colors, Add	*478.90*	
		For Anodized Finish, Add	*638.53*	
		For Kynar® Standard Colors Finish, Add	*877.98*	
08 91 19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,037.40	140.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*175.70*	
		For Clear Lacquer Finish, Add	*351.41*	
		For Baked Enamel Standard Colors, Add	*527.11*	
		For Anodized Finish, Add	*702.81*	
		For Kynar® Standard Colors Finish, Add	*966.37*	
08 91 19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,185.95	147.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*189.00*	
		For Clear Lacquer Finish, Add	*378.00*	
		For Baked Enamel Standard Colors, Add	*567.00*	
		For Anodized Finish, Add	*756.00*	
		For Kynar® Standard Colors Finish, Add	*1,039.50*	
08 91 19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,424.51	160.96
		Note: Includes bird screen.		
		For Flange Frame, Add	*210.26*	
		For Clear Lacquer Finish, Add	*420.52*	
		For Baked Enamel Standard Colors, Add	*630.78*	
		For Anodized Finish, Add	*841.04*	
		For Kynar® Standard Colors Finish, Add	*1,156.43*	
08 91 19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,575.20	168.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*223.77*	
		For Clear Lacquer Finish, Add	*447.54*	
		For Baked Enamel Standard Colors, Add	*671.31*	
		For Anodized Finish, Add	*895.08*	
		For Kynar® Standard Colors Finish, Add	*1,230.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,723.52	173.94
		Note: Includes bird screen.		
		For Flange Frame, Add	*237.57*	
		For Clear Lacquer Finish, Add	*475.13*	
		For Baked Enamel Standard Colors, Add	*712.70*	
		For Anodized Finish, Add	*950.26*	
		For Kynar® Standard Colors Finish, Add	*1,306.61*	
08 91 19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,873.98	179.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*251.57*	
		For Clear Lacquer Finish, Add	*503.15*	
		For Baked Enamel Standard Colors, Add	*754.72*	
		For Anodized Finish, Add	*1,006.29*	
		For Kynar® Standard Colors Finish, Add	*1,383.65*	
08 91 19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,015.21	184.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*264.66*	
		For Clear Lacquer Finish, Add	*529.31*	
		For Baked Enamel Standard Colors, Add	*793.97*	
		For Anodized Finish, Add	*1,058.63*	
		For Kynar® Standard Colors Finish, Add	*1,455.61*	
08 91 19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,237.48	189.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*285.85*	
		For Clear Lacquer Finish, Add	*571.69*	
		For Baked Enamel Standard Colors, Add	*857.54*	
		For Anodized Finish, Add	*1,143.38*	
		For Kynar® Standard Colors Finish, Add	*1,572.15*	
08 91 19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	860.14	83.08
		Note: Includes bird screen.		
		For Flange Frame, Add	*69.40*	
		For Clear Lacquer Finish, Add	*138.80*	
		For Baked Enamel Standard Colors, Add	*208.20*	
		For Anodized Finish, Add	*277.60*	
		For Kynar® Standard Colors Finish, Add	*381.69*	
08 91 19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,054.13	98.65
		Note: Includes bird screen.		
		For Flange Frame, Add	*85.68*	
		For Clear Lacquer Finish, Add	*171.37*	
		For Baked Enamel Standard Colors, Add	*257.05*	
		For Anodized Finish, Add	*342.73*	
		For Kynar® Standard Colors Finish, Add	*471.26*	
08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,222.52	114.22
		Note: Includes bird screen.		
		For Flange Frame, Add	*99.41*	
		For Clear Lacquer Finish, Add	*198.81*	
		For Baked Enamel Standard Colors, Add	*298.22*	
		For Anodized Finish, Add	*397.62*	
		For Kynar® Standard Colors Finish, Add	*546.73*	
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,406.61	122.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*116.26*	
		For Clear Lacquer Finish, Add	*232.52*	
		For Baked Enamel Standard Colors, Add	*348.77*	
		For Anodized Finish, Add	*465.03*	
		For Kynar® Standard Colors Finish, Add	*639.42*	
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,643.82	127.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*138.94*	
		For Clear Lacquer Finish, Add	*277.88*	
		For Baked Enamel Standard Colors, Add	*416.82*	
		For Anodized Finish, Add	*555.76*	
		For Kynar® Standard Colors Finish, Add	*764.18*	
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,804.96	132.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*154.02*	
		For Clear Lacquer Finish, Add	*308.03*	
		For Baked Enamel Standard Colors, Add	*462.05*	
		For Anodized Finish, Add	*616.06*	
		For Kynar® Standard Colors Finish, Add	*847.09*	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,967.72	140.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*168.74*	
		For Clear Lacquer Finish, Add	*337.47*	
		For Baked Enamel Standard Colors, Add	*506.21*	
		For Anodized Finish, Add	*674.94*	
		For Kynar® Standard Colors Finish, Add	*928.04*	
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,148.76	145.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*185.80*	
		For Clear Lacquer Finish, Add	*371.60*	
		For Baked Enamel Standard Colors, Add	*557.40*	
		For Anodized Finish, Add	*743.20*	
		For Kynar® Standard Colors Finish, Add	*1,021.90*	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,307.97	153.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*200.16*	
		For Clear Lacquer Finish, Add	*400.33*	
		For Baked Enamel Standard Colors, Add	*600.49*	
		For Anodized Finish, Add	*800.65*	
		For Kynar® Standard Colors Finish, Add	*1,100.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,561.46	166.15
		Note: Includes bird screen.		
		For Flange Frame, Add	*222.92*	
		For Clear Lacquer Finish, Add	*445.83*	
		For Baked Enamel Standard Colors, Add	*668.75*	
		For Anodized Finish, Add	*891.67*	
		For Kynar® Standard Colors Finish, Add	*1,226.04*	
08 91 19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,719.26	173.94
		Note: Includes bird screen.		
		For Flange Frame, Add	*237.14*	
		For Clear Lacquer Finish, Add	*474.28*	
		For Baked Enamel Standard Colors, Add	*711.42*	
		For Anodized Finish, Add	*948.56*	
		For Kynar® Standard Colors Finish, Add	*1,304.26*	
08 91 19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,884.16	181.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*252.07*	
		For Clear Lacquer Finish, Add	*504.14*	
		For Baked Enamel Standard Colors, Add	*756.21*	
		For Anodized Finish, Add	*1,008.28*	
		For Kynar® Standard Colors Finish, Add	*1,386.39*	
08 91 19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,034.62	186.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*266.08*	
		For Clear Lacquer Finish, Add	*532.16*	
		For Baked Enamel Standard Colors, Add	*798.24*	
		For Anodized Finish, Add	*1,064.32*	
		For Kynar® Standard Colors Finish, Add	*1,463.43*	
08 91 19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,185.09	192.10
		Note: Includes bird screen.		
		For Flange Frame, Add	*280.09*	
		For Clear Lacquer Finish, Add	*560.17*	
		For Baked Enamel Standard Colors, Add	*840.26*	
		For Anodized Finish, Add	*1,120.35*	
		For Kynar® Standard Colors Finish, Add	*1,540.48*	
08 91 19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,421.58	197.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*302.70*	
		For Clear Lacquer Finish, Add	*605.40*	
		For Baked Enamel Standard Colors, Add	*908.09*	
		For Anodized Finish, Add	*1,210.79*	
		For Kynar® Standard Colors Finish, Add	*1,664.84*	
08 91 19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	902.52	88.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*72.60*	
		For Clear Lacquer Finish, Add	*145.20*	
		For Baked Enamel Standard Colors, Add	*217.80*	
		For Anodized Finish, Add	*290.40*	
		For Kynar® Standard Colors Finish, Add	*399.29*	
08 91 19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,104.34	103.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*89.67*	
		For Clear Lacquer Finish, Add	*179.33*	
		For Baked Enamel Standard Colors, Add	*269.00*	
		For Anodized Finish, Add	*358.66*	
		For Kynar® Standard Colors Finish, Add	*493.16*	
08 91 19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,289.79	119.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*105.10*	
		For Clear Lacquer Finish, Add	*210.19*	
		For Baked Enamel Standard Colors, Add	*315.29*	
		For Anodized Finish, Add	*420.38*	
		For Kynar® Standard Colors Finish, Add	*578.02*	
08 91 19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,479.57	127.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*122.52*	
		For Clear Lacquer Finish, Add	*245.03*	
		For Baked Enamel Standard Colors, Add	*367.55*	
		For Anodized Finish, Add	*490.06*	
		For Kynar® Standard Colors Finish, Add	*673.84*	
08 91 19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,731.72	132.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*146.69*	
		For Clear Lacquer Finish, Add	*293.38*	
		For Baked Enamel Standard Colors, Add	*440.08*	
		For Anodized Finish, Add	*586.77*	
		For Kynar® Standard Colors Finish, Add	*806.81*	
08 91 19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,902.09	137.59
		Note: Includes bird screen.		
		For Flange Frame, Add	*162.69*	
		For Clear Lacquer Finish, Add	*325.38*	
		For Baked Enamel Standard Colors, Add	*488.07*	
		For Anodized Finish, Add	*650.76*	
		For Kynar® Standard Colors Finish, Add	*894.80*	
08 91 19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,068.41	145.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*177.77*	
		For Clear Lacquer Finish, Add	*355.53*	
		For Baked Enamel Standard Colors, Add	*533.30*	
		For Anodized Finish, Add	*711.06*	
		For Kynar® Standard Colors Finish, Add	*977.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,263.67	150.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*196.25*	
		For Clear Lacquer Finish, Add	*392.51*	
		For Baked Enamel Standard Colors, Add	*588.76*	
		For Anodized Finish, Add	*785.01*	
		For Kynar® Standard Colors Finish, Add	*1,079.39*	
08 91 19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,430.70	158.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*211.40*	
		For Clear Lacquer Finish, Add	*422.80*	
		For Baked Enamel Standard Colors, Add	*634.19*	
		For Anodized Finish, Add	*845.59*	
		For Kynar® Standard Colors Finish, Add	*1,162.69*	
08 91 19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,699.13	171.34
		Note: Includes bird screen.		
		For Flange Frame, Add	*235.65*	
		For Clear Lacquer Finish, Add	*471.29*	
		For Baked Enamel Standard Colors, Add	*706.94*	
		For Anodized Finish, Add	*942.58*	
		For Kynar® Standard Colors Finish, Add	*1,296.05*	
08 91 19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,862.60	179.13
		Note: Includes bird screen.		
		For Flange Frame, Add	*250.44*	
		For Clear Lacquer Finish, Add	*500.87*	
		For Baked Enamel Standard Colors, Add	*751.31*	
		For Anodized Finish, Add	*1,001.74*	
		For Kynar® Standard Colors Finish, Add	*1,377.39*	
08 91 19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,041.73	186.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*266.79*	
		For Clear Lacquer Finish, Add	*533.58*	
		For Baked Enamel Standard Colors, Add	*800.37*	
		For Anodized Finish, Add	*1,067.16*	
		For Kynar® Standard Colors Finish, Add	*1,467.35*	
08 91 19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,232.02	192.10
		Note: Includes bird screen.		
		For Flange Frame, Add	*284.78*	
		For Clear Lacquer Finish, Add	*569.56*	
		For Baked Enamel Standard Colors, Add	*854.34*	
		For Anodized Finish, Add	*1,139.12*	
		For Kynar® Standard Colors Finish, Add	*1,566.29*	
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,403.81	197.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*300.92*	
		For Clear Lacquer Finish, Add	*601.84*	
		For Baked Enamel Standard Colors, Add	*902.76*	
		For Anodized Finish, Add	*1,203.68*	
		For Kynar® Standard Colors Finish, Add	*1,655.07*	
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,658.09	202.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*325.31*	
		For Clear Lacquer Finish, Add	*650.62*	
		For Baked Enamel Standard Colors, Add	*975.93*	
		For Anodized Finish, Add	*1,301.24*	
		For Kynar® Standard Colors Finish, Add	*1,789.21*	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	958.62	96.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*76.65*	
		For Clear Lacquer Finish, Add	*153.30*	
		For Baked Enamel Standard Colors, Add	*229.96*	
		For Anodized Finish, Add	*306.61*	
		For Kynar® Standard Colors Finish, Add	*421.59*	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,163.28	111.63
		Note: Includes bird screen.		
		For Flange Frame, Add	*94.00*	
		For Clear Lacquer Finish, Add	*188.00*	
		For Baked Enamel Standard Colors, Add	*282.01*	
		For Anodized Finish, Add	*376.01*	
		For Kynar® Standard Colors Finish, Add	*517.01*	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,355.84	127.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*110.14*	
		For Clear Lacquer Finish, Add	*220.29*	
		For Baked Enamel Standard Colors, Add	*330.43*	
		For Anodized Finish, Add	*440.57*	
		For Kynar® Standard Colors Finish, Add	*605.79*	
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,551.32	134.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*128.13*	
		For Clear Lacquer Finish, Add	*256.27*	
		For Baked Enamel Standard Colors, Add	*384.40*	
		For Anodized Finish, Add	*512.53*	
		For Kynar® Standard Colors Finish, Add	*704.73*	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,820.53	140.19
		Note: Includes bird screen.		
		For Flange Frame, Add	*154.02*	
		For Clear Lacquer Finish, Add	*308.03*	
		For Baked Enamel Standard Colors, Add	*462.05*	
		For Anodized Finish, Add	*616.06*	
		For Kynar® Standard Colors Finish, Add	*847.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,996.59	145.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*170.58*	
		For Clear Lacquer Finish, Add	*341.17*	
		For Baked Enamel Standard Colors, Add	*511.75*	
		For Anodized Finish, Add	*682.33*	
		For Kynar® Standard Colors Finish, Add	*938.21*	
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,164.83	150.58
		Note: Includes bird screen.		
		For Flange Frame, Add	*186.37*	
		For Clear Lacquer Finish, Add	*372.74*	
		For Baked Enamel Standard Colors, Add	*559.11*	
		For Anodized Finish, Add	*745.48*	
		For Kynar® Standard Colors Finish, Add	*1,025.03*	
08 91 19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,370.76	155.76
		Note: Includes bird screen.		
		For Flange Frame, Add	*205.92*	
		For Clear Lacquer Finish, Add	*411.85*	
		For Baked Enamel Standard Colors, Add	*617.77*	
		For Anodized Finish, Add	*823.69*	
		For Kynar® Standard Colors Finish, Add	*1,132.58*	
08 91 19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,546.33	163.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*221.92*	
		For Clear Lacquer Finish, Add	*443.84*	
		For Baked Enamel Standard Colors, Add	*665.77*	
		For Anodized Finish, Add	*887.69*	
		For Kynar® Standard Colors Finish, Add	*1,220.57*	
08 91 19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,829.68	176.53
		Note: Includes bird screen.		
		For Flange Frame, Add	*247.66*	
		For Clear Lacquer Finish, Add	*495.32*	
		For Baked Enamel Standard Colors, Add	*742.99*	
		For Anodized Finish, Add	*990.65*	
		For Kynar® Standard Colors Finish, Add	*1,362.14*	
08 91 19 00-0207	EA	90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,000.27	184.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*263.16*	
		For Clear Lacquer Finish, Add	*526.33*	
		For Baked Enamel Standard Colors, Add	*789.49*	
		For Anodized Finish, Add	*1,052.65*	
		For Kynar® Standard Colors Finish, Add	*1,447.40*	
08 91 19 00-0208	EA	90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,195.04	192.10
		Note: Includes bird screen.		
		For Flange Frame, Add	*281.08*	
		For Clear Lacquer Finish, Add	*562.16*	
		For Baked Enamel Standard Colors, Add	*843.25*	
		For Anodized Finish, Add	*1,124.33*	
		For Kynar® Standard Colors Finish, Add	*1,545.95*	
08 91 19 00-0209	EA	90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,396.70	197.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*300.21*	
		For Clear Lacquer Finish, Add	*600.42*	
		For Baked Enamel Standard Colors, Add	*900.63*	
		For Anodized Finish, Add	*1,200.84*	
		For Kynar® Standard Colors Finish, Add	*1,651.16*	
08 91 19 00-0210	EA	90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,569.42	205.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*315.92*	
		For Clear Lacquer Finish, Add	*631.85*	
		For Baked Enamel Standard Colors, Add	*947.77*	
		For Anodized Finish, Add	*1,263.70*	
		For Kynar® Standard Colors Finish, Add	*1,737.58*	
08 91 19 00-0211	EA	90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,838.63	210.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*341.81*	
		For Clear Lacquer Finish, Add	*683.61*	
		For Baked Enamel Standard Colors, Add	*1,025.42*	
		For Anodized Finish, Add	*1,367.23*	
		For Kynar® Standard Colors Finish, Add	*1,879.94*	
08 91 19 00-0212	EA	96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,007.63	103.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*79.99*	
		For Clear Lacquer Finish, Add	*159.99*	
		For Baked Enamel Standard Colors, Add	*239.98*	
		For Anodized Finish, Add	*319.98*	
		For Kynar® Standard Colors Finish, Add	*439.97*	
08 91 19 00-0213	EA	96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,219.39	119.42
		Note: Includes bird screen.		
		For Flange Frame, Add	*98.06*	
		For Clear Lacquer Finish, Add	*196.11*	
		For Baked Enamel Standard Colors, Add	*294.17*	
		For Anodized Finish, Add	*392.22*	
		For Kynar® Standard Colors Finish, Add	*539.30*	
08 91 19 00-0214	EA	96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,421.20	134.99
		Note: Includes bird screen.		
		For Flange Frame, Add	*115.12*	
		For Clear Lacquer Finish, Add	*230.24*	
		For Baked Enamel Standard Colors, Add	*345.36*	
		For Anodized Finish, Add	*460.48*	
		For Kynar® Standard Colors Finish, Add	*633.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,627.34	142.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*134.18*	
		For Clear Lacquer Finish, Add	*268.35*	
		For Baked Enamel Standard Colors, Add	*402.53*	
		For Anodized Finish, Add	*536.71*	
		For Kynar® Standard Colors Finish, Add	*737.97*	
08 91 19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,905.08	147.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*160.91*	
		For Clear Lacquer Finish, Add	*321.83*	
		For Baked Enamel Standard Colors, Add	*482.74*	
		For Anodized Finish, Add	*643.65*	
		For Kynar® Standard Colors Finish, Add	*885.02*	
08 91 19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,110.30	153.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*180.40*	
		For Clear Lacquer Finish, Add	*360.79*	
		For Baked Enamel Standard Colors, Add	*541.19*	
		For Anodized Finish, Add	*721.58*	
		For Kynar® Standard Colors Finish, Add	*992.18*	
08 91 19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,289.20	158.36
		Note: Includes bird screen.		
		For Flange Frame, Add	*197.25*	
		For Clear Lacquer Finish, Add	*394.50*	
		For Baked Enamel Standard Colors, Add	*591.74*	
		For Anodized Finish, Add	*788.99*	
		For Kynar® Standard Colors Finish, Add	*1,084.86*	
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,485.18	163.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*215.81*	
		For Clear Lacquer Finish, Add	*431.61*	
		For Baked Enamel Standard Colors, Add	*647.42*	
		For Anodized Finish, Add	*863.23*	
		For Kynar® Standard Colors Finish, Add	*1,186.94*	
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,666.92	168.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*232.94*	
		For Clear Lacquer Finish, Add	*465.89*	
		For Baked Enamel Standard Colors, Add	*698.83*	
		For Anodized Finish, Add	*931.77*	
		For Kynar® Standard Colors Finish, Add	*1,281.19*	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,970.91	181.72
		Note: Includes bird screen.		
		For Flange Frame, Add	*260.75*	
		For Clear Lacquer Finish, Add	*521.49*	
		For Baked Enamel Standard Colors, Add	*782.24*	
		For Anodized Finish, Add	*1,042.98*	
		For Kynar® Standard Colors Finish, Add	*1,434.10*	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,382.08	189.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*200.31*	
		For Clear Lacquer Finish, Add	*400.61*	
		For Baked Enamel Standard Colors, Add	*600.92*	
		For Anodized Finish, Add	*801.22*	
		For Kynar® Standard Colors Finish, Add	*1,101.68*	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,346.21	197.30
		Note: Includes bird screen.		
		For Flange Frame, Add	*295.16*	
		For Clear Lacquer Finish, Add	*590.32*	
		For Baked Enamel Standard Colors, Add	*885.48*	
		For Anodized Finish, Add	*1,180.64*	
		For Kynar® Standard Colors Finish, Add	*1,623.39*	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,554.99	202.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*315.00*	
		For Clear Lacquer Finish, Add	*630.00*	
		For Baked Enamel Standard Colors, Add	*945.00*	
		For Anodized Finish, Add	*1,260.00*	
		For Kynar® Standard Colors Finish, Add	*1,732.50*	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,736.23	210.28
		Note: Includes bird screen.		
		For Flange Frame, Add	*331.57*	
		For Clear Lacquer Finish, Add	*663.13*	
		For Baked Enamel Standard Colors, Add	*994.70*	
		For Anodized Finish, Add	*1,326.27*	
		For Kynar® Standard Colors Finish, Add	*1,823.62*	
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,026.98	218.07
		Note: Includes bird screen.		
		For Flange Frame, Add	*359.09*	
		For Clear Lacquer Finish, Add	*718.17*	
		For Baked Enamel Standard Colors, Add	*1,077.26*	
		For Anodized Finish, Add	*1,436.34*	
		For Kynar® Standard Colors Finish, Add	*1,974.97*	

08 91 19 00-0227 Gable Louver Vents *(08 91 19)*
Note: 1" deep, residential/light commercial grade louvers.

08 91 19 00-0228 Aluminum Gable Louver Vents *(08 91 19 00-0227)*
Note: Includes screen.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0229		**Rectangular Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0230	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent	162.64	9.27
08 91 19 00-0231	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent	178.30	10.64
08 91 19 00-0232	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent	205.53	12.02
08 91 19 00-0233	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent	225.10	12.79
08 91 19 00-0234	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent	256.20	13.53
08 91 19 00-0235	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent	287.39	16.23
08 91 19 00-0236	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent	334.19	20.28
08 91 19 00-0237	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent	373.20	23.67
08 91 19 00-0238	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent	427.81	28.41
08 91 19 00-0239	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent	537.01	37.87
08 91 19 00-0240		**Square Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0241	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent	148.91	8.54
08 91 19 00-0242	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent	184.60	10.83
08 91 19 00-0243	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent	230.86	12.78
08 91 19 00-0244	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent	295.18	16.91
08 91 19 00-0245	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent	381.01	24.35
08 91 19 00-0246	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent	482.33	33.12
08 91 19 00-0247	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent	599.43	43.29
08 91 19 00-0248		**Round Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0249	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent	148.91	8.54
08 91 19 00-0250	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent	184.60	10.83
08 91 19 00-0251	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent	230.86	12.78
08 91 19 00-0252	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent	295.18	16.91
08 91 19 00-0253	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent	381.01	24.35
08 91 19 00-0254	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent	482.41	33.14
08 91 19 00-0255		**Octagonal Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0256	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent	148.91	8.54
08 91 19 00-0257	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent	162.64	9.27
08 91 19 00-0258	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent	178.30	10.64
08 91 19 00-0259	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent	184.60	10.83
08 91 19 00-0260	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent	205.53	12.02
08 91 19 00-0261	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent	225.10	12.79
08 91 19 00-0262	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent	230.86	12.78
08 91 19 00-0263	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent	256.20	13.53
08 91 19 00-0264	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent	287.39	16.23
08 91 19 00-0265	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent	295.18	16.91
08 91 19 00-0266	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent	334.19	20.28
08 91 19 00-0267	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent	373.20	23.67
08 91 19 00-0268	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent	381.01	24.35
08 91 19 00-0269	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent	427.81	28.41
08 91 19 00-0270	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent	474.61	32.47
08 91 19 00-0271	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent	482.41	33.14
08 91 19 00-0272	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent	537.01	37.87
08 91 19 00-0273	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent	599.43	43.29
08 91 19 00-0274		**Round Top Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0275	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent	148.91	8.54
08 91 19 00-0276	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent	162.64	9.27
08 91 19 00-0277	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent	178.30	10.64
08 91 19 00-0278	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent	184.60	10.83
08 91 19 00-0279	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent	205.53	12.02
08 91 19 00-0280	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent	225.10	12.79
08 91 19 00-0281	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent	230.86	12.78
08 91 19 00-0282	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent	256.20	13.53
08 91 19 00-0283	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent	287.39	16.23
08 91 19 00-0284	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent	295.18	16.91
08 91 19 00-0285	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent	334.19	20.28
08 91 19 00-0286	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent	373.20	23.67
08 91 19 00-0287	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent	381.01	24.35
08 91 19 00-0288	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent	427.81	28.41
08 91 19 00-0289	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent	474.61	32.47
08 91 19 00-0290	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent	482.41	33.14
08 91 19 00-0291	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent	537.01	37.87
08 91 19 00-0292	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent	599.43	43.29
08 91 19 00-0293		**Triangle Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0294	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	305.23	10.64
08 91 19 00-0295	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	346.25	12.78
08 91 19 00-0296	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	371.59	13.53
08 91 19 00-0297	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	425.87	16.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0298	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	474.05	16.91
08 91 19 00-0299	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	391.89	20.28
08 91 19 00-0300	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	459.75	23.67
08 91 19 00-0301	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	519.49	24.35
08 91 19 00-0302	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	589.37	28.41
08 91 19 00-0303	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	474.61	32.47
08 91 19 00-0304	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	545.88	33.14
08 91 19 00-0305	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	629.33	37.87
08 91 19 00-0306	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	714.82	43.29
08 91 19 00-0307	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent	803.43	49.75

08 91 19 00-0308 Vinyl Gable Louver Vents *(08 91 19 00-0227)*

Note: Includes screen.

08 91 19 00-0309	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent	52.29	8.54
08 91 19 00-0310	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent	62.50	9.27
08 91 19 00-0311	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent	84.87	12.02
08 91 19 00-0312	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent	114.30	13.53
08 91 19 00-0313	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent	81.62	10.83
08 91 19 00-0314	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent	94.51	12.78
08 91 19 00-0315	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent	132.51	16.91
08 91 19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent	193.44	24.35
08 91 19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent	81.62	10.83
08 91 19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent	92.26	12.02
08 91 19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent	117.71	13.53
08 91 19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent	167.86	20.28
08 91 19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent	388.54	32.47
08 91 19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent	80.01	10.64
08 91 19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent	110.66	13.53
08 91 19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent	116.12	16.23
08 91 19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	255.25	20.28
08 91 19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	255.25	20.28
08 91 19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	255.25	20.28
08 91 19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	255.25	20.28
08 91 19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent	255.25	20.28
08 91 19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent	291.81	32.47
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent	291.81	32.47
08 91 19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent	291.81	32.47
08 91 19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent	291.81	32.47

08 95 Vents *(08 90)*

08 95 13 Soffit Vents *(08 95)*

08 95 13 00-0001 Aluminum Soffit Vents *(08 95 13)*

08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent	6.16	2.39
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent	11.40	4.67
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish	17.64	6.23
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish	18.13	6.23

08 95 13 00-0006 Vinyl Soffit Vents *(08 95 13)*

08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White	5.23	2.28
		For Colors, Add	*0.07*	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White	5.24	2.28
		For Colors, Add	*0.07*	

08 95 16 Wall Vents *(08 95)*

08 95 16 00-0001 Foundation Vents *(08 95 16)*

08 95 16 00-0002	SI	Galvanized Steel Foundation Vent	0.44	0.18
08 95 16 00-0003	SI	Aluminum Foundation Vent	0.62	0.18
08 95 16 00-0004	SI	Stainless Steel Foundation Vent	0.72	0.18
08 95 16 00-0005	SI	Plastic Foundation Vent	0.37	0.18

END OF SECTION 08

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 Finishes

09 01 Maintenance Of Finishes *(09)*

09 01 20 Maintenance Of Plaster And Gypsum Board *(09 01)*

09 01 20 91 Plaster Restoration *(09 01 20)*

09 01 20 91-0001 Cut And Patch Hole In Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes cutting of existing gypsum board, cutting new board to fit opening, finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 16 SF.

09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	17.64
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	14.21
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	12.73
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	11.21

09 01 20 91-0006 Plaster/Stucco Repair *(09 01 20 91)*
Note: Per location.

09 01 20 91-0007 Clean And Repair Crack In Plaster/Stucco *(09 01 20 91-0006)*
Note: Includes plaster weld.

09 01 20 91-0008	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco	17.31
09 01 20 91-0009	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco	13.88
09 01 20 91-0010	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco	11.30
09 01 20 91-0011	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco	8.73
09 01 20 91-0012	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco	7.02
09 01 20 91-0013	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco	5.30

09 01 20 91-0014 Cut And Patch Hole In Plaster To Match Existing *(09 01 20 91-0006)*
Note: Includes plaster weld.

09 01 20 91-0015	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	16.22
09 01 20 91-0016	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	14.32
09 01 20 91-0017	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing	13.15
09 01 20 91-0018	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing	12.19
09 01 20 91-0019	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing	11.36
09 01 20 91-0020	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing	10.43

09 01 20 91-0021 Chip, Clean And Repair Plaster/Stucco *(09 01 20 91-0006)*
Note: Includes plaster weld.

09 01 20 91-0022	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	30.93
09 01 20 91-0023	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	22.35
09 01 20 91-0024	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco	16.34
09 01 20 91-0025	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco	12.91

09 01 30 Maintenance of Tiling *(09 01)*

09 01 30 91 Tile Restoration *(09 01 30)*

09 01 30 91-0001	SF	Regrout Floor Tile Including Removal Of Loose Grout	6.89
09 01 30 91-0002	SF	Regrout Wall Tile Including Removal Of Loose Grout	8.59
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing Note: Per location.	45.85

09 01 60 Maintenance Of Flooring *(09 01)*

09 01 60 91 Flooring Restoration *(09 01 60)*

09 01 60 91-0001 Grinding, Polishing And Sealing Terrazzo *(09 01 60 91)*

09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo	271.75
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair	4.12
09 01 60 91-0004	SF	Repair Existing Terrazzo	19.27
09 01 60 91-0005	LF	Repair Cracks In Existing Terrazzo	4.29

09 01 60 91-0006 Standard Flooring Maintenance *(09 01 60 91)*

09 01 60 91-0007	CSF	Steam Clean Carpet	35.33
09 01 60 91-0008	CSF	Wax And Polish Tile And VCT Flooring	38.14
		For Additional Coat, Add	*31.64*
		For Stripping Existing Wax From Floor, Add	*35.80*
09 01 60 91-0009	CSF	Wax And Polish Wood Flooring	22.00
		For Additional Coat, Add	*19.11*
		For Stripping Existing Wax From Floor, Add	*35.80*
09 01 60 91-0010	MSF	Vacuum Floors	20.06

09 01 60 91-0011 Prepare Existing Concrete Floor Prior To Installation Of Carpet *(09 01 60 91)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 60 91-0012	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Carpet	12.36	
09 01 60 91-0013	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Carpet	6.48	
09 01 60 91-0014		Masonry/Tile/Stone/Terrazzo Floor Sealants *(09 01 60 91)*		
09 01 60 91-0015	SF	Water-Based Emulsion Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	1.17	
09 01 60 91-0016	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.40	
09 01 60 91-0017	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner)	33.79	
09 01 60 91-0018		Double Stick Tape *(09 01 60 91)*		
09 01 60 91-0019	SF	Double Stick Tape; DryFix Tape	3.00	
09 01 80		Maintenance Of Acoustic Treatment *(09 01)*		
09 01 80 00-0001		Removal Of Acoustical Ceiling Treatment *(09 01 80)*		
09 01 80 00-0002	SF	Removal Of Acoustical And Popcorn Ceilings Treatment	2.17	
09 05		Common Work Results For Finishes *(09)*		
09 05 61		Common Work Results for Flooring Preparation *(09 05)*		
09 05 61 13		**Moisture Vapor Emission Control** *(09 05 61)*		
09 05 61 13-0001		Moisture Vapor Reduction (Koester VAP) *(09 05 61 13)*		
09 05 61 13-0002	EA	Up To 200 SF, Water Vapor Emission Control System (Koester VAP 1-2000) Note: Clear	2,044.64	
09 05 61 13-0003	SF	>200 To 500 SF, Water Vapor Emission Control System (Koester VAP 1-2001) Note: Clear	10.83	
09 05 61 13-0004	SF	>500 To 1,000 SF, Water Vapor Emission Control System (Koester VAP 1-2002) Note: Clear	7.22	
09 05 61 13-0005	SF	>1,000 To 3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2003) Note: Clear	6.01	
09 05 61 13-0006	SF	>3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2004) Note: Clear	4.81	
09 05 61 13-0007		Moisture Vapor Transmission Control (Dependable Cutdown® II) *(09 05 61 13)*		
09 05 61 13-0008	SF	8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	3.27	
09 05 61 13-0009	SF	15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	4.30	
09 05 71		Acoustic Underlayment *(09 05)*		
09 05 71 00-0001		Tile And Stone Acoustical Underlayment *(09 05 71)*		
09 05 71 00-0002	SF	5 Mil Tile And Stone Acoustical Underlayment (EasyMat)	3.00	
		For Chemical Resistant Epoxy Grout, Add	*0.39*	
09 05 71 00-0003		Resilient Floor Acoustical Underlayment *(09 05 71)*		
09 05 71 00-0004	SF	Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300)	2.23	
09 05 71 00-0005	SF	2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffler)	1.41	
09 05 71 00-0006	SF	0.055" Thick High Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT)	1.77	
09 20		Plaster And Gypsum Board *(09)*		
09 22		Supports For Plaster And Gypsum Board *(09 20)*		
		Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.		
09 22 13		**Metal Furring** *(09 22)*		
09 22 13 13		**Metal Channel Furring** *(09 22 13)*		
09 22 13 13-0001		Hat Furring Channel *(09 22 13 13)* Note: Includes clips where required.		
09 22 13 13-0002		Installed On Walls, Hat Furring Channel *(09 22 13 13-0001)*		
09 22 13 13-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	3.47	1.47
		For Walls >10' High, Add	*0.44*	
		For 24" On Center, Deduct	*-0.40*	
		For 12" On Center, Add	*0.55*	
		For 22 Gauge, Add	*0.49*	
		For 20 Gauge, Add	*0.80*	
09 22 13 13-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	3.68	1.47
		For Walls >10' High, Add	*0.44*	
		For 24" On Center, Deduct	*-0.44*	
		For 12" On Center, Add	*0.59*	
		For 22 Gauge, Add	*0.60*	
		For 20 Gauge, Add	*0.94*	
09 22 13 13-0005		Installed On Columns And Beams, Hat Furring Channel *(09 22 13 13-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	5.05	2.25
		For Columns And Beams >10' High, Add	*0.90*	
		For 24" On Center, Deduct	*-0.56*	
		For 12" On Center, Add	*0.79*	
		For 22 Gauge, Add	*0.61*	
		For 20 Gauge, Add	*1.04*	
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	5.26	2.25
		For Columns And Beams >10' High, Add	*0.90*	
		For 24" On Center, Deduct	*-0.60*	
		For 12" On Center, Add	*0.83*	
		For 22 Gauge, Add	*0.72*	
		For 20 Gauge, Add	*1.18*	

09 22 13 13-0008 Installed On Ceilings, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	4.51	1.80
		For Ceilings >10' High, Add	*0.54*	
		For 24" On Center, Deduct	*-0.54*	
		For 12" On Center, Add	*0.72*	
		For 22 Gauge, Add	*0.73*	
		For 20 Gauge, Add	*1.14*	
09 22 13 13-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	4.72	1.80
		For Ceilings >10' High, Add	*0.54*	
		For 24" On Center, Deduct	*-0.58*	
		For 12" On Center, Add	*0.76*	
		For 22 Gauge, Add	*0.83*	
		For 20 Gauge, Add	*1.28*	

09 22 13 13-0011 Z Furring Channel *(09 22 13 13)*

09 22 13 13-0012 Installed On Walls, Z Furring Channel *(09 22 13 13-0011)*

09 22 13 13-0013	SF	1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.10	1.47
		For Walls >10' High, Add	*0.44*	
		For 24" On Center, Deduct	*-0.33*	
		For 12" On Center, Add	*0.47*	
		For 22 Gauge, Add	*0.31*	
		For 20 Gauge, Add	*0.56*	
09 22 13 13-0014	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.13	1.47
		For Walls >10' High, Add	*0.44*	
		For 24" On Center, Deduct	*-0.33*	
		For 12" On Center, Add	*0.48*	
		For 22 Gauge, Add	*0.32*	
		For 20 Gauge, Add	*0.58*	
09 22 13 13-0015	SF	2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.17	1.47
		For Walls >10' High, Add	*0.44*	
		For 24" On Center, Deduct	*-0.34*	
		For 12" On Center, Add	*0.49*	
		For 22 Gauge, Add	*0.34*	
		For 20 Gauge, Add	*0.60*	
09 22 13 13-0016	SF	2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.19	1.47
		For Walls >10' High, Add	*0.44*	
		For 24" On Center, Deduct	*-0.35*	
		For 12" On Center, Add	*0.49*	
		For 22 Gauge, Add	*0.35*	
		For 20 Gauge, Add	*0.62*	
09 22 13 13-0017	SF	3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.21	1.47
		For Walls >10' High, Add	*0.44*	
		For 24" On Center, Deduct	*-0.35*	
		For 12" On Center, Add	*0.50*	
		For 22 Gauge, Add	*0.36*	
		For 20 Gauge, Add	*0.63*	

09 22 13 23 Resilient Channel Furring *(09 22 13)*

09 22 13 23-0001 Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23)*

Note: Includes clips where required.

09 22 13 23-0002 Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0003	SF	25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel	3.30	1.47
		For Walls >10' High, Add	*0.44*	
		For 24" On Center, Deduct	*-0.37*	
		For 12" On Center, Add	*0.51*	
		For 20 Gauge, Add	*0.69*	

09 22 13 23-0004 Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0005	SF	25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel	3.98	1.80
		For Ceilings >10' High, Add	*0.54*	
		For 24" On Center, Deduct	*-0.44*	
		For 12" On Center, Add	*0.62*	
		For 20 Gauge, Add	*0.79*	

09 22 13 23-0006 Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23)*

Note: Includes clips where required.

09 22 13 23-0007 Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 23-0008	SF	25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	3.44	1.47
		For Walls >10' High, Add	*0.44*	
		For 24" On Center, Deduct	*-0.40*	
		For 12" On Center, Add	*0.54*	
		For 20 Gauge, Add	*0.78*	

09 22 13 23-0009 Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel
(09 22 13 23-0006)

09 22 13 23-0010	SF	25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	4.12	1.80
		For Ceilings >10' High, Add	*0.54*	
		For 24" On Center, Deduct	*-0.46*	
		For 12" On Center, Add	*0.64*	
		For 20 Gauge, Add	*0.88*	

09 22 16 Non-Structural Metal Framing *(09 22)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

09 22 16 13 Non-Structural Metal Stud Framing *(09 22 16)*

09 22 16 13-0001 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners *(09 22 16 13)*

09 22 16 13-0002	SF	1-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.12	0.61
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.42*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.43*	
		For Soffit, Columns Or Beams >10' High, Add	*1.88*	
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Curved Wall, Add	*0.46*	
		For 12" On Center, Add	*0.35*	
		For 24" On Center, Deduct	*-0.35*	
		For Up To 100, Add	*0.73*	
		For >100 To 300, Add	*0.36*	
		For >1,000, Deduct	*-0.17*	
09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.26	0.64
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.45*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.51*	
		For Soffit, Columns Or Beams >10' High, Add	*1.99*	
		For Horizontal Installation Up To 10' High, Add	*0.47*	
		For Horizontal Installation >10' High, Add	*0.63*	
		For Curved Wall, Add	*0.48*	
		For 12" On Center, Add	*0.37*	
		For 24" On Center, Deduct	*-0.37*	
		For Up To 100, Add	*0.77*	
		For >100 To 300, Add	*0.39*	
		For >1,000, Deduct	*-0.18*	
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.46	0.66
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.49*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.59*	
		For Soffit, Columns Or Beams >10' High, Add	*2.09*	
		For Horizontal Installation Up To 10' High, Add	*0.50*	
		For Horizontal Installation >10' High, Add	*0.67*	
		For Curved Wall, Add	*0.50*	
		For 12" On Center, Add	*0.41*	
		For 24" On Center, Deduct	*-0.41*	
		For Up To 100, Add	*0.83*	
		For >100 To 300, Add	*0.41*	
		For >1,000, Deduct	*-0.20*	
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.61	0.70
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.52*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.67*	
		For Soffit, Columns Or Beams >10' High, Add	*2.20*	
		For Horizontal Installation Up To 10' High, Add	*0.53*	
		For Horizontal Installation >10' High, Add	*0.70*	
		For Curved Wall, Add	*0.53*	
		For 12" On Center, Add	*0.43*	
		For 24" On Center, Deduct	*-0.43*	
		For Up To 100, Add	*0.87*	
		For >100 To 300, Add	*0.44*	
		For >1,000, Deduct	*-0.22*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0006		SF	6" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.90	0.73
			For Powder-Actuated Fasteners Every 2', Add	*0.04*	
			For Walls >10' High, Add	*0.58*	
			For Soffit, Columns Or Beams Up To 10' High, Add	*1.77*	
			For Soffit, Columns Or Beams >10' High, Add	*2.33*	
			For Horizontal Installation Up To 10' High, Add	*0.57*	
			For Horizontal Installation >10' High, Add	*0.75*	
			For Curved Wall, Add	*0.56*	
			For 12" On Center, Add	*0.49*	
			For 24" On Center, Deduct	*-0.49*	
			For Up To 100, Add	*0.95*	
			For >100 To 300, Add	*0.48*	
			For >1,000, Deduct	*-0.25*	

09 22 16 13-0007 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners *(09 22 16 13)*

09 22 16 13-0008		SF	1-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.36	0.62
			For Powder-Actuated Fasteners Every 2', Add	*0.04*	
			For Walls >10' High, Add	*0.47*	
			For Soffit, Columns Or Beams Up To 10' High, Add	*1.48*	
			For Soffit, Columns Or Beams >10' High, Add	*1.95*	
			For Horizontal Installation Up To 10' High, Add	*0.47*	
			For Horizontal Installation >10' High, Add	*0.63*	
			For Curved Wall, Add	*0.47*	
			For 12" On Center, Add	*0.39*	
			For 24" On Center, Deduct	*-0.39*	
			For Up To 100, Add	*0.78*	
			For >100 To 300, Add	*0.39*	
			For >1,000, Deduct	*-0.20*	
09 22 16 13-0009		SF	2-1/2" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.58	0.65
			For Powder-Actuated Fasteners Every 2', Add	*0.04*	
			For Walls >10' High, Add	*0.52*	
			For Soffit, Columns Or Beams Up To 10' High, Add	*1.57*	
			For Soffit, Columns Or Beams >10' High, Add	*2.06*	
			For Horizontal Installation Up To 10' High, Add	*0.50*	
			For Horizontal Installation >10' High, Add	*0.67*	
			For Curved Wall, Add	*0.49*	
			For 12" On Center, Add	*0.43*	
			For 24" On Center, Deduct	*-0.43*	
			For Up To 100, Add	*0.84*	
			For >100 To 300, Add	*0.42*	
			For >1,000, Deduct	*-0.22*	
09 22 16 13-0010		SF	3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.83	0.68
			For Powder-Actuated Fasteners Every 2', Add	*0.04*	
			For Walls >10' High, Add	*0.57*	
			For Soffit, Columns Or Beams Up To 10' High, Add	*1.66*	
			For Soffit, Columns Or Beams >10' High, Add	*2.18*	
			For Horizontal Installation Up To 10' High, Add	*0.54*	
			For Horizontal Installation >10' High, Add	*0.71*	
			For Curved Wall, Add	*0.52*	
			For 12" On Center, Add	*0.48*	
			For 24" On Center, Deduct	*-0.48*	
			For Up To 100, Add	*0.91*	
			For >100 To 300, Add	*0.46*	
			For >1,000, Deduct	*-0.25*	
09 22 16 13-0011		SF	4" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	3.01	0.72
			For Powder-Actuated Fasteners Every 2', Add	*0.04*	
			For Walls >10' High, Add	*0.60*	
			For Soffit, Columns Or Beams Up To 10' High, Add	*1.74*	
			For Soffit, Columns Or Beams >10' High, Add	*2.28*	
			For Horizontal Installation Up To 10' High, Add	*0.57*	
			For Horizontal Installation >10' High, Add	*0.75*	
			For Curved Wall, Add	*0.54*	
			For 12" On Center, Add	*0.51*	
			For 24" On Center, Deduct	*-0.51*	
			For Up To 100, Add	*0.96*	
			For >100 To 300, Add	*0.48*	
			For >1,000, Deduct	*-0.27*	
09 22 16 13-0012		SF	6" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	4.05	0.75
			For Powder-Actuated Fasteners Every 2', Add	*0.04*	
			For Walls >10' High, Add	*0.81*	
			For Soffit, Columns Or Beams Up To 10' High, Add	*1.92*	
			For Soffit, Columns Or Beams >10' High, Add	*2.48*	
			For Horizontal Installation Up To 10' High, Add	*0.69*	
			For Horizontal Installation >10' High, Add	*0.88*	
			For Curved Wall, Add	*0.57*	
			For 12" On Center, Add	*0.72*	
			For 24" On Center, Deduct	*-0.72*	
			For Up To 100, Add	*1.19*	
			For >100 To 300, Add	*0.59*	
			For >1,000, Deduct	*-0.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0013		18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners *(09 22 16 13)*		
09 22 16 13-0014	SF	2-1/2" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	3.44	0.66
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.69*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.69*	
		For Soffit, Columns Or Beams >10' High, Add	*2.19*	
		For Horizontal Installation Up To 10' High, Add	*0.60*	
		For Horizontal Installation >10' High, Add	*0.76*	
		For Curved Wall, Add	*0.50*	
		For 12" On Center, Add	*0.60*	
		For 24" On Center, Deduct	*-0.60*	
		For Up To 100, Add	*1.02*	
		For >100 To 300, Add	*0.51*	
		For >1,000, Deduct	*-0.35*	
09 22 16 13-0015	SF	3-5/8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	3.79	0.70
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.76*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.80*	
		For Soffit, Columns Or Beams >10' High, Add	*2.33*	
		For Horizontal Installation Up To 10' High, Add	*0.64*	
		For Horizontal Installation >10' High, Add	*0.82*	
		For Curved Wall, Add	*0.53*	
		For 12" On Center, Add	*0.67*	
		For 24" On Center, Deduct	*-0.67*	
		For Up To 100, Add	*1.11*	
		For >100 To 300, Add	*0.56*	
		For >1,000, Deduct	*-0.39*	
09 22 16 13-0016	SF	4" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	4.05	0.73
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.81*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.89*	
		For Soffit, Columns Or Beams >10' High, Add	*2.44*	
		For Horizontal Installation Up To 10' High, Add	*0.68*	
		For Horizontal Installation >10' High, Add	*0.87*	
		For Curved Wall, Add	*0.56*	
		For 12" On Center, Add	*0.72*	
		For 24" On Center, Deduct	*-0.72*	
		For Up To 100, Add	*1.18*	
		For >100 To 300, Add	*0.59*	
		For >1,000, Deduct	*-0.42*	
09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	5.18	0.77
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.04*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.08*	
		For Soffit, Columns Or Beams >10' High, Add	*2.66*	
		For Horizontal Installation Up To 10' High, Add	*0.81*	
		For Horizontal Installation >10' High, Add	*1.01*	
		For Curved Wall, Add	*0.59*	
		For 12" On Center, Add	*0.94*	
		For 24" On Center, Deduct	*-0.94*	
		For Up To 100, Add	*1.43*	
		For >100 To 300, Add	*0.71*	
		For >1,000, Deduct	*-0.58*	
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	5.61	0.82
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.12*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.19*	
		For Soffit, Columns Or Beams >10' High, Add	*2.79*	
		For Horizontal Installation Up To 10' High, Add	*0.87*	
		For Horizontal Installation >10' High, Add	*1.07*	
		For Curved Wall, Add	*0.61*	
		For 12" On Center, Add	*1.02*	
		For 24" On Center, Deduct	*-1.02*	
		For Up To 100, Add	*1.53*	
		For >100 To 300, Add	*0.76*	
		For >1,000, Deduct	*-0.64*	
09 22 16 13-0019		16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners *(09 22 16 13)*		
09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	3.64	0.68
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.73*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.74*	
		For Soffit, Columns Or Beams >10' High, Add	*2.26*	
		For Horizontal Installation Up To 10' High, Add	*0.62*	
		For Horizontal Installation >10' High, Add	*0.79*	
		For Curved Wall, Add	*0.52*	
		For 12" On Center, Add	*0.64*	
		For 24" On Center, Deduct	*-0.64*	
		For Up To 100, Add	*1.07*	
		For >100 To 300, Add	*0.54*	
		For >1,000, Deduct	*-0.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	4.23	0.72
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.85*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.86*	
		For Soffit, Columns Or Beams >10' High, Add	*2.40*	
		For Horizontal Installation Up To 10' High, Add	*0.69*	
		For Horizontal Installation >10' High, Add	*0.87*	
		For Curved Wall, Add	*0.54*	
		For 12" On Center, Add	*0.76*	
		For 24" On Center, Deduct	*-0.76*	
		For Up To 100, Add	*1.21*	
		For >100 To 300, Add	*0.60*	
		For >1,000, Deduct	*-0.45*	
09 22 16 13-0022	SF	4" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	4.47	0.75
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*0.89*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.96*	
		For Soffit, Columns Or Beams >10' High, Add	*2.53*	
		For Horizontal Installation Up To 10' High, Add	*0.73*	
		For Horizontal Installation >10' High, Add	*0.92*	
		For Curved Wall, Add	*0.57*	
		For 12" On Center, Add	*0.80*	
		For 24" On Center, Deduct	*-0.80*	
		For Up To 100, Add	*1.27*	
		For >100 To 300, Add	*0.64*	
		For >1,000, Deduct	*-0.48*	
09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	5.56	0.79
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.11*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.15*	
		For Soffit, Columns Or Beams >10' High, Add	*2.75*	
		For Horizontal Installation Up To 10' High, Add	*0.85*	
		For Horizontal Installation >10' High, Add	*1.05*	
		For Curved Wall, Add	*0.60*	
		For 12" On Center, Add	*1.01*	
		For 24" On Center, Deduct	*-1.01*	
		For Up To 100, Add	*1.51*	
		For >100 To 300, Add	*0.76*	
		For >1,000, Deduct	*-0.64*	
09 22 16 13-0024	SF	8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	6.11	0.83
		For Powder-Actuated Fasteners Every 2', Add	*0.04*	
		For Walls >10' High, Add	*1.22*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.28*	
		For Soffit, Columns Or Beams >10' High, Add	*2.91*	
		For Horizontal Installation Up To 10' High, Add	*0.92*	
		For Horizontal Installation >10' High, Add	*1.13*	
		For Curved Wall, Add	*0.63*	
		For 12" On Center, Add	*1.12*	
		For 24" On Center, Deduct	*-1.12*	
		For Up To 100, Add	*1.64*	
		For >100 To 300, Add	*0.82*	
		For >1,000, Deduct	*-0.71*	

09 22 16 13-0025 Galvanized Steel Backing Plates *(09 22 16 13)*

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.

09 22 16 13-0026	LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate	1.09
09 22 16 13-0027	LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate	1.30
09 22 16 13-0028	LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate	1.63
09 22 16 13-0029	LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate	1.97
09 22 16 13-0030	LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate	2.30
09 22 16 13-0031	LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate	2.74
09 22 16 13-0032	LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate	1.34
09 22 16 13-0033	LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate	1.63
09 22 16 13-0034	LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate	2.12
09 22 16 13-0035	LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate	2.62
09 22 16 13-0036	LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate	3.12
09 22 16 13-0037	LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate	3.71
09 22 16 13-0038	LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate	1.77
09 22 16 13-0039	LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate	2.17
09 22 16 13-0040	LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate	2.89
09 22 16 13-0041	LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate	3.60
09 22 16 13-0042	LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate	4.39
09 22 16 13-0043	LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate	5.14
09 22 16 13-0044	LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate	2.05
09 22 16 13-0045	LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate	2.54
09 22 16 13-0046	LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate	3.44
09 22 16 13-0047	LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate	4.33
09 22 16 13-0048	LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate	5.31
09 22 16 13-0049	LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate	6.24

09 22 36 Lath *(09 22)*

09 22 36 13 Gypsum Lath *(09 22 36)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0001		**Plaster Base Gypsum Panels** *(09 22 36 13)*		
09 22 36 13-0002	SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.12	0.40
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	
09 22 36 13-0003	SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.50	0.47
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.47*	
		For >100 To 500, Add	*0.23*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0004	SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.89	0.54
		For Walls >10' High, Add	*0.13*	
		For Up To 100, Add	*0.54*	
		For >100 To 500, Add	*0.27*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0005	SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	1.45	0.56
		For Ceilings >10' High, Add	*0.17*	
		For Up To 100, Add	*0.57*	
		For >100 To 500, Add	*0.29*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0006	SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	1.88	0.65
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.66*	
		For >100 To 500, Add	*0.33*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0007	SF	5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.32	0.75
		For Ceilings >10' High, Add	*0.23*	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.38*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0008	SF	3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	1.77	0.73
		For Columns And Beams >10' High, Add	*0.22*	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0009	SF	1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.26	0.84
		For Columns And Beams >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0010	SF	5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.75	0.97
		For Columns And Beams >10' High, Add	*0.29*	
		For Up To 100, Add	*0.97*	
		For >100 To 500, Add	*0.48*	
		For >5,000, Deduct	*-0.19*	
09 22 36 13-0011		**Firestop Plaster Base Gypsum Panels** *(09 22 36 13)*		
09 22 36 13-0012	SF	3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	1.49	0.40
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	
09 22 36 13-0013	SF	1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	1.73	0.47
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.47*	
		For >100 To 500, Add	*0.23*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0014	SF	3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	1.82	0.56
		For Ceilings >10' High, Add	*0.17*	
		For Up To 100, Add	*0.57*	
		For >100 To 500, Add	*0.29*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0015	SF	1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.11	0.65
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.66*	
		For >100 To 500, Add	*0.33*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0016	SF	3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.14	0.73
		For Columns And Beams >10' High, Add	*0.22*	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0017	SF	1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.49	0.84
		For Columns And Beams >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0018		**Foil Back Plaster Base Gypsum Panels** *(09 22 36 13)*		
09 22 36 13-0019	SF	3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	1.49	0.40
		For Walls >10' High, Add	*0.10*	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.20*	
		For >5,000, Deduct	*-0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0020	SF	1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	1.73	0.47
		For Walls >10' High, Add	*0.12*	
		For Up To 100, Add	*0.47*	
		For >100 To 500, Add	*0.23*	
		For >5,000, Deduct	*-0.09*	
09 22 36 13-0021	SF	3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	1.82	0.56
		For Ceilings >10' High, Add	*0.17*	
		For Up To 100, Add	*0.57*	
		For >100 To 500, Add	*0.29*	
		For >5,000, Deduct	*-0.11*	
09 22 36 13-0022	SF	1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.11	0.65
		For Ceilings >10' High, Add	*0.20*	
		For Up To 100, Add	*0.66*	
		For >100 To 500, Add	*0.33*	
		For >5,000, Deduct	*-0.13*	
09 22 36 13-0023	SF	3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.14	0.73
		For Columns And Beams >10' High, Add	*0.22*	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.37*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0024	SF	1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.49	0.84
		For Columns And Beams >10' High, Add	*0.25*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	

09 22 36 23 Metal Lath *(09 22 36)*

09 22 36 23-0001 Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

09 22 36 23-0002	SF	1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.80	0.56
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.31*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0003	SF	2.0 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.87	0.56
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.31*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0004	SF	2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.94	0.56
		For Walls >10' High, Add	*0.16*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.63*	
		For >100 To 500, Add	*0.31*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0005	SF	3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.22	0.60
		For Walls >10' High, Add	*0.17*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0006	SF	1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	1.98	0.64
		For Ceilings >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0007	SF	2.0 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.05	0.64
		For Ceilings >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0008	SF	2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.12	0.64
		For Ceilings >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0009	SF	3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.31	0.64
		For Ceilings >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0010	SF	1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	2.62	0.90
		For Columns And Beams >10' High, Add	*0.30*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	
09 22 36 23-0011	SF	2.0 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	2.70	0.90
		For Columns And Beams >10' High, Add	*0.30*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0012	SF	2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	2.77	0.90
		For Columns And Beams >10' High, Add	*0.30*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.00*	
		For >100 To 500, Add	*0.50*	
		For >5,000, Deduct	*-0.20*	
09 22 36 23-0013	SF	3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.46	1.13
		For Columns And Beams >10' High, Add	*0.38*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.25*	
		For >100 To 500, Add	*0.63*	
		For >5,000, Deduct	*-0.25*	

09 22 36 23-0014 Self Furring, Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

09 22 36 23-0015	SF	1.75 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath	1.89	0.60
		For Walls >10' High, Add	*0.17*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0016	SF	2.0 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath	1.96	0.60
		For Walls >10' High, Add	*0.17*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0017	SF	2.5 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.03	0.60
		For Walls >10' High, Add	*0.17*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0018	SF	3.4 LB/SY, Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.22	0.60
		For Walls >10' High, Add	*0.17*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 23-0019	SF	1.75 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.12	1.13
		For Columns And Beams >10' High, Add	*0.38*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.25*	
		For >100 To 500, Add	*0.63*	
		For >5,000, Deduct	*-0.25*	
09 22 36 23-0020	SF	2.0 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.20	1.13
		For Columns And Beams >10' High, Add	*0.38*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.25*	
		For >100 To 500, Add	*0.63*	
		For >5,000, Deduct	*-0.25*	
09 22 36 23-0021	SF	2.5 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.27	1.13
		For Columns And Beams >10' High, Add	*0.38*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.25*	
		For >100 To 500, Add	*0.63*	
		For >5,000, Deduct	*-0.25*	
09 22 36 23-0022	SF	3.4 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	3.81	1.29
		For Columns And Beams >10' High, Add	*0.43*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.43*	
		For >100 To 500, Add	*0.71*	
		For >5,000, Deduct	*-0.29*	

09 22 36 23-0023 High Rib Metal Lath *(09 22 36 23)*

09 22 36 23-0024	SF	2.75 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	2.18	0.64
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0025	SF	3.4 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	2.29	0.64
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0026	SF	3.4 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	2.35	0.64
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 23-0027	SF	4.0 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	2.47	0.64
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	

09 22 36 33 Fiberglass Lath *(09 22 36)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 33-0001		Non-Metallic, Fiberglass Lath *(09 22 36 33)*		
09 22 36 33-0002	SF	1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	2.35	0.64
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 33-0003	SF	1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	2.49	0.64
		For Ceilings >10' High, Add	*0.21*	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.14*	
09 22 36 33-0004	SF	1/8" Thick, Installed On Solid Surface, Fiberglass Non Metallic Lath	2.26	0.60
		For Walls >10' High, Add	*0.17*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	
09 22 36 33-0005	SF	1/4" Thick, Installed On Solid Surface, Fiberglass Non Metallic Lath	2.40	0.60
		For Walls >10' High, Add	*0.17*	
		For Up To 100, Add	*0.67*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.13*	

09 23 Gypsum Plastering *(09 20)*

09 23 13 Acoustical Gypsum Plastering *(09 23)*

Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.

09 23 13 00-0001		Casing And Corner Beads *(09 23 13)*		
09 23 13 00-0002	LF	Galvanized Expanded Flange Casing Bead For Plaster Applications	3.63	0.90
09 23 13 00-0003	LF	Zinc Expanded Flange Casing Bead For Plaster Applications	3.63	0.90
09 23 13 00-0004	LF	Vinyl Expanded Flange Casing Bead For Plaster Applications	3.68	0.90
09 23 13 00-0005	LF	Galvanized Corner Bead For Plaster Applications	3.51	0.90
09 23 13 00-0006	LF	Vinyl Corner Bead For Plaster Applications	3.48	0.90
09 23 13 00-0007		Trim *(09 23 13)*		
09 23 13 00-0008	LF	Galvanized "J" Trim For Plaster Applications	3.73	0.90
		For Vinyl Instead Of Galvanized, Add	*0.14*	
		For Zinc Instead Of Galvanized, Add	*0.96*	
09 23 13 00-0009	LF	Galvanized "L" Trim For Plaster Applications	3.73	0.90
		For Vinyl Instead Of Galvanized, Add	*0.14*	
		For Zinc Instead Of Galvanized, Add	*0.96*	
09 23 13 00-0010	LF	Galvanized "U" Trim For Plaster Applications	3.73	0.90
		For Vinyl Instead Of Galvanized, Add	*0.14*	
		For Zinc Instead Of Galvanized, Add	*0.96*	
09 23 13 00-0011		Plaster Forms And Expansion Joints *(09 23 13)*		
09 23 13 00-0012	LF	3/4" Galvanized Expansion Joint For Plaster Applications	4.14	0.90
09 23 13 00-0013		One Skim Coat Gypsum Plaster On Walls *(09 23 13)*		
09 23 13 00-0014	SF	Skim Coat One Coat Gypsum Plaster On Walls	1.13	
		For Walls >10' High, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.14*	
		For Horizontal Installation >10' High, Add	*0.29*	
		For Columns Or Beams Up To 10' High, Add	*0.29*	
		For Columns Or Beams >10' High, Add	*0.44*	
		For Up To 100, Add	*0.48*	
		For >100 To 500, Add	*0.24*	
		For >5,000, Deduct	*-0.19*	
09 23 13 00-0015	SF	For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	0.83	
		For Walls >10' High, Add	*0.07*	
		For Horizontal Installation Up To 10' High, Add	*0.10*	
		For Horizontal Installation >10' High, Add	*0.21*	
		For Columns Or Beams Up To 10' High, Add	*0.21*	
		For Columns Or Beams >10' High, Add	*0.32*	
		For Up To 100, Add	*0.35*	
		For >100 To 500, Add	*0.17*	
		For >5,000, Deduct	*-0.14*	
09 23 13 00-0016		Two Coats Gypsum Plaster On Walls *(09 23 13)*		
09 23 13 00-0017	SF	Smooth Finish Two Coats Gypsum Plaster On Walls	5.57	3.17
		For Walls >10' High, Add	*0.52*	
		For Horizontal Installation Up To 10' High, Add	*0.78*	
		For Horizontal Installation >10' High, Add	*1.57*	
		For Columns Or Beams Up To 10' High, Add	*1.62*	
		For Columns Or Beams >10' High, Add	*2.41*	
		For Up To 100, Add	*2.62*	
		For >100 To 500, Add	*1.31*	
		For >5,000, Deduct	*-1.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0018	SF	Sand Aggregate Two Coats Gypsum Plaster On Walls	5.70	3.00
		For Walls >10' High, Add	*0.49*	
		For Horizontal Installation Up To 10' High, Add	*0.74*	
		For Horizontal Installation >10' High, Add	*1.47*	
		For Columns Or Beams Up To 10' High, Add	*1.52*	
		For Columns Or Beams >10' High, Add	*2.26*	
		For Up To 100, Add	*2.46*	
		For >100 To 500, Add	*1.23*	
		For >5,000, Deduct	*-0.98*	
09 23 13 00-0019	SF	Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	5.80	3.00
		For Walls >10' High, Add	*0.49*	
		For Horizontal Installation Up To 10' High, Add	*0.74*	
		For Horizontal Installation >10' High, Add	*1.47*	
		For Columns Or Beams Up To 10' High, Add	*1.52*	
		For Columns Or Beams >10' High, Add	*2.26*	
		For Up To 100, Add	*2.46*	
		For >100 To 500, Add	*1.23*	
		For >5,000, Deduct	*-0.98*	

09 23 13 00-0020 Three Coats Gypsum Plaster On Walls *(09 23 13)*

09 23 13 00-0021	SF	Smooth Finish Three Coats Gypsum Plaster On Walls	6.74	3.86
		For Walls >10' High, Add	*0.63*	
		For Horizontal Installation Up To 10' High, Add	*0.94*	
		For Horizontal Installation >10' High, Add	*1.88*	
		For Columns Or Beams Up To 10' High, Add	*1.94*	
		For Columns Or Beams >10' High, Add	*2.88*	
		For Up To 100, Add	*3.13*	
		For >100 To 500, Add	*1.56*	
		For >5,000, Deduct	*-1.25*	
09 23 13 00-0022	SF	Sand Aggregate Three Coats Gypsum Plaster On Walls	6.73	3.52
		For Walls >10' High, Add	*0.58*	
		For Horizontal Installation Up To 10' High, Add	*0.87*	
		For Horizontal Installation >10' High, Add	*1.74*	
		For Columns Or Beams Up To 10' High, Add	*1.79*	
		For Columns Or Beams >10' High, Add	*2.66*	
		For Up To 100, Add	*2.90*	
		For >100 To 500, Add	*1.45*	
		For >5,000, Deduct	*-1.16*	
09 23 13 00-0023	SF	Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	6.34	3.52
		For Walls >10' High, Add	*0.58*	
		For Horizontal Installation Up To 10' High, Add	*0.86*	
		For Horizontal Installation >10' High, Add	*1.73*	
		For Columns Or Beams Up To 10' High, Add	*1.79*	
		For Columns Or Beams >10' High, Add	*2.65*	
		For Up To 100, Add	*2.88*	
		For >100 To 500, Add	*1.44*	
		For >5,000, Deduct	*-1.15*	

09 23 13 00-0024 Plaster Bonding Agent *(09 23 13)*

09 23 13 00-0025	SF	1 Coat, Brush/Roller Plaster Bonding Agent	0.60	
		For Walls >10' High, Add	*0.05*	
		For Columns Or Beams Up To 10' High, Add	*0.15*	
		For Columns Or Beams >10' High, Add	*0.23*	
		For Ceiling Application Up To 10' High, Add	*0.07*	
		For Ceiling Application >10' High, Add	*0.12*	

09 24 Cement Plastering *(09 20)*

09 24 13 Acoustical Cement Plastering *(09 24)*

09 24 13 00-0001 Keene's Cement Plaster, Quick Setting, White Hard Plaster *(09 24 13)*

Note: Used for areas with higher than normal moisture.

09 24 13 00-0002	SF	1 Coat Keene's Cement Plaster On Walls	4.36	2.14
		For Walls >10' High, Add	*0.34*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*1.03*	
		For Columns Or Beams Up To 10' High, Add	*1.06*	
		For Columns Or Beams >10' High, Add	*1.58*	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.69*	
09 24 13 00-0003	SF	2 Coat Keene's Cement Plaster On Walls	6.61	3.35
		For Walls >10' High, Add	*0.54*	
		For Horizontal Installation Up To 10' High, Add	*0.82*	
		For Horizontal Installation >10' High, Add	*1.63*	
		For Columns Or Beams Up To 10' High, Add	*1.69*	
		For Columns Or Beams >10' High, Add	*2.50*	
		For Up To 100, Add	*2.72*	
		For >100 To 500, Add	*1.36*	
		For >5,000, Deduct	*-1.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 13 00-0004	SF	3 Coat Keene's Cement Plaster On Walls	7.48	3.77
		For Walls >10' High, Add	*0.62*	
		For Horizontal Installation Up To 10' High, Add	*0.92*	
		For Horizontal Installation >10' High, Add	*1.85*	
		For Columns Or Beams Up To 10' High, Add	*1.91*	
		For Columns Or Beams >10' High, Add	*2.83*	
		For Up To 100, Add	*3.08*	
		For >100 To 500, Add	*1.54*	
		For >5,000, Deduct	*-1.23*	

09 24 23 Cement Stucco *(09 24)*

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco *(09 24 23)*

Note: Excludes wall scaffolding or lifting equipment. See CSI section 09 22 36 00-0000 for lath.

09 24 23 00-0002	SF	Three Coat Troweled Stucco, Scratch/Brown/Finish Note: Excludes lath and felt. Interior or exterior, one side.	8.25	2.66
		For Walls >10' High, Add	*0.73*	
		For Horizontal Installation Up To 10' High, Add	*1.09*	
		For Horizontal Installation >10' High, Add	*2.18*	
		For Columns Or Beams Up To 10' High, Add	*2.25*	
		For Columns Or Beams >10' High, Add	*3.34*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.53*	
		For Up To 100, Add	*3.64*	
		For >100 To 500, Add	*1.82*	
		For >5,000, Deduct	*-1.45*	
09 24 23 00-0003	SF	Two Coat Troweled Stucco, Scratch/Brown Note: Excludes lath and felt. Interior or exterior, one side.	3.52	1.28
		For Walls >10' High, Add	*0.27*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.80*	
		For Columns Or Beams Up To 10' High, Add	*0.82*	
		For Columns Or Beams >10' High, Add	*1.22*	
		For Up To 100, Add	*1.33*	
		For >100 To 500, Add	*0.67*	
		For >5,000, Deduct	*-0.53*	
09 24 23 00-0004	SF	Two Coat Troweled Stucco, Scratch/Finish Note: Excludes lath and felt. Interior or exterior, one side.	5.44	1.28
		For Walls >10' High, Add	*0.47*	
		For Horizontal Installation Up To 10' High, Add	*0.71*	
		For Horizontal Installation >10' High, Add	*1.42*	
		For Columns Or Beams Up To 10' High, Add	*1.46*	
		For Columns Or Beams >10' High, Add	*2.17*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.30*	
		For Up To 100, Add	*2.36*	
		For >100 To 500, Add	*1.18*	
		For >5,000, Deduct	*-0.94*	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	3.55	0.86
		For Walls >10' High, Add	*0.34*	
		For Horizontal Installation Up To 10' High, Add	*0.51*	
		For Horizontal Installation >10' High, Add	*1.03*	
		For Columns Or Beams Up To 10' High, Add	*1.06*	
		For Columns Or Beams >10' High, Add	*1.58*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.29*	
		For Up To 100, Add	*1.72*	
		For >100 To 500, Add	*0.86*	
		For >5,000, Deduct	*-0.69*	

09 24 33 Cement Parging *(09 24)*

09 24 33 00-0001 Cement Parging *(09 24 33)*

09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	3.15
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	4.03
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	5.03

09 28 Backing Boards And Underlayments *(09 20)*

09 28 13 Cementitious Backing Boards *(09 28)*

09 28 13 00-0001 Cementitious Backer Units *(09 28 13)*

Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	3.63	0.61
		For Up To 50, Add	*2.73*	
		For >50 To 250, Add	*0.49*	
		For >1,000, Deduct	*-0.24*	
		For Installation On Wall, Add	*0.49*	
		For Installation On Ceiling, Add	*1.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	4.17	0.73
		For Up To 50, Add	*3.24*	
		For >50 To 250, Add	*0.59*	
		For >1,000, Deduct	*-0.29*	
		For Installation On Wall, Add	*0.59*	
		For Installation On Ceiling, Add	*1.47*	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	5.18	0.85
		For Up To 50, Add	*3.85*	
		For >50 To 250, Add	*0.68*	
		For >1,000, Deduct	*-0.34*	
		For Installation On Wall, Add	*0.68*	
		For Installation On Ceiling, Add	*1.71*	

09 28 16 Glass-Mat Faced Gypsum Backing Boards *(09 28)*

09 28 16 00-0001 Glass Mat Faced Backer Units, DensShield *(09 28 16)*

Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 16 00-0002	SF	1/2" DensShield Tile Backer For Installation On Floors	2.57	0.68
		For Up To 50, Add	*1.96*	
		For >50 To 250, Add	*0.35*	
		For >1,000, Deduct	*-0.18*	
		For Installation On Wall, Add	*0.35*	
		For Installation On Ceiling, Add	*0.88*	
09 28 16 00-0003	SF	5/8" DensShield Tile Backer For Installation On Floors	3.11	0.78
		For Up To 50, Add	*2.24*	
		For >50 To 250, Add	*0.39*	
		For >1,000, Deduct	*-0.20*	
		For Installation On Wall, Add	*0.39*	
		For Installation On Ceiling, Add	*0.98*	

09 29 Gypsum Board *(09 20)*

09 29 10 Gypsum Board *(09 29)*

09 29 10 00-0001 Standard Gypsum Board Application *(09 29 10)*

Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc.. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0047 for finishing gypsum board, 09 29 10 00-0060 for casing and corner bead.

09 29 10 00-0002 Standard Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0003	SF	1/4" Gypsum Board	1.07	0.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.18*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.39*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.27*	
		For Horizontal Installation >10' High, Add	*0.39*	
		For Walls >10' High, Add	*0.06*	
		For Up To 128, Add	*0.37*	
		For >128 To 320, Add	*0.22*	
		For >1,536, Deduct	*-0.08*	
09 29 10 00-0004	SF	3/8" Gypsum Board	1.16	0.44
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.20*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.44*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.30*	
		For Horizontal Installation >10' High, Add	*0.44*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.41*	
		For >128 To 320, Add	*0.25*	
		For >1,536, Deduct	*-0.09*	
09 29 10 00-0005	SF	1/2" Gypsum Board	1.30	0.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.24*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.51*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.34*	
		For Horizontal Installation >10' High, Add	*0.51*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.46*	
		For >128 To 320, Add	*0.28*	
		For >1,536, Deduct	*-0.09*	
09 29 10 00-0006	SF	5/8" Gypsum Board	1.52	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.58*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.54*	
		For >128 To 320, Add	*0.33*	
		For >1,536, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0007	SF	1/4" Gypsum Board, Two Layers	1.99	0.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.71*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.13*	
		For Horizontal Installation Up To 10' High, Add	*0.48*	
		For Horizontal Installation >10' High, Add	*0.71*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.68*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.16*	
09 29 10 00-0008	SF	3/8" Gypsum Board, Two Layers	2.16	0.79
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.79*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.14*	
		For Horizontal Installation Up To 10' High, Add	*0.54*	
		For Horizontal Installation >10' High, Add	*0.79*	
		For Walls >10' High, Add	*0.13*	
		For Up To 128, Add	*0.75*	
		For >128 To 320, Add	*0.45*	
		For >1,536, Deduct	*-0.17*	
09 29 10 00-0009	SF	1/2" Gypsum Board, Two Layers	2.40	0.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.42*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.91*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.15*	
		For Horizontal Installation Up To 10' High, Add	*0.62*	
		For Horizontal Installation >10' High, Add	*0.91*	
		For Walls >10' High, Add	*0.15*	
		For Up To 128, Add	*0.84*	
		For >128 To 320, Add	*0.51*	
		For >1,536, Deduct	*-0.18*	
09 29 10 00-0010	SF	5/8" Gypsum Board, Two Layers	2.80	1.05
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.49*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.05*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.16*	
		For Horizontal Installation Up To 10' High, Add	*0.71*	
		For Horizontal Installation >10' High, Add	*1.05*	
		For Walls >10' High, Add	*0.17*	
		For Up To 128, Add	*0.98*	
		For >128 To 320, Add	*0.59*	
		For >1,536, Deduct	*-0.21*	
09 29 10 00-0011		Fire Rated Gypsum Board Application *(09 29 10 00-0001)*		
09 29 10 00-0012		Type X, Fire Rated Gypsum Board *(09 29 10 00-0011)*		
09 29 10 00-0013	SF	5/8" Type X Fire Rated Gypsum Board	1.63	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.64*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.64*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.58*	
		For >128 To 320, Add	*0.36*	
		For >1,536, Deduct	*-0.12*	
09 29 10 00-0014	SF	5/8" Type X Fire Rated Gypsum Board, Two Layers	3.00	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.54*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.15*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.18*	
		For Horizontal Installation Up To 10' High, Add	*0.78*	
		For Horizontal Installation >10' High, Add	*1.15*	
		For Walls >10' High, Add	*0.18*	
		For Up To 128, Add	*1.06*	
		For >128 To 320, Add	*0.65*	
		For >1,536, Deduct	*-0.22*	
09 29 10 00-0015		Type C, Fire Rated Gypsum Board *(09 29 10 00-0011)*		
09 29 10 00-0016	SF	1/2" Type C Fire Rated Gypsum Board	1.48	0.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.56*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.52*	
		For >128 To 320, Add	*0.31*	
		For >1,536, Deduct	*-0.11*	
09 29 10 00-0017	SF	5/8" Type C Fire Rated Gypsum Board	1.67	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.64*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.64*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.59*	
		For >128 To 320, Add	*0.36*	
		For >1,536, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0018	SF	1/2" Type C Fire Rated Gypsum Board, Two Layers	2.73	0.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.47*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.00*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.16*	
		For Horizontal Installation Up To 10' High, Add	*0.68*	
		For Horizontal Installation >10' High, Add	*1.00*	
		For Walls >10' High, Add	*0.16*	
		For Up To 128, Add	*0.95*	
		For >128 To 320, Add	*0.57*	
		For >1,536, Deduct	*-0.21*	
09 29 10 00-0019	SF	5/8" Type C Fire Rated Gypsum Board, Two Layers	3.08	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.54*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.15*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.18*	
		For Horizontal Installation Up To 10' High, Add	*0.78*	
		For Horizontal Installation >10' High, Add	*1.15*	
		For Walls >10' High, Add	*0.18*	
		For Up To 128, Add	*1.08*	
		For >128 To 320, Add	*0.65*	
		For >1,536, Deduct	*-0.23*	

09 29 10 00-0020 Fire Rated Gypsum Board (Sheetrock® Ultracode®) *(09 29 10 00-0011)*

09 29 10 00-0021	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®)	2.17	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.64*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.64*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.69*	
		For >128 To 320, Add	*0.41*	
		For >1,536, Deduct	*-0.20*	
09 29 10 00-0022	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®), Two Layers	4.07	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.55*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.15*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.18*	
		For Horizontal Installation Up To 10' High, Add	*0.78*	
		For Horizontal Installation >10' High, Add	*1.15*	
		For Walls >10' High, Add	*0.18*	
		For Up To 128, Add	*1.27*	
		For >128 To 320, Add	*0.75*	
		For >1,536, Deduct	*-0.38*	

09 29 10 00-0023 Moisture Resistant Gypsum Board Application *(09 29 10 00-0001)*

Note: Water-resistant gypsum core.

09 29 10 00-0024	SF	1/2" Moisture Resistant Gypsum Board	1.39	0.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.24*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.51*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.34*	
		For Horizontal Installation >10' High, Add	*0.51*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.48*	
		For >128 To 320, Add	*0.29*	
		For >1,536, Deduct	*-0.11*	
09 29 10 00-0025	SF	5/8" Moisture Resistant Gypsum Board	1.76	0.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.58*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.58*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.15*	

09 29 10 00-0026 Vinyl Faced Gypsum Board Application *(09 29 10 00-0001)*

Note: Includes clips and adhesive.

09 29 10 00-0027	SF	3/8" Prefinished, Vinyl Faced Gypsum Board	2.39	0.39
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.22*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.44*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.30*	
		For Horizontal Installation >10' High, Add	*0.44*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.65*	
		For >128 To 320, Add	*0.37*	
		For >1,536, Deduct	*-0.27*	
09 29 10 00-0028	SF	1/2" Prefinished, Vinyl Faced Gypsum Board	2.53	0.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.51*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Horizontal Installation Up To 10' High, Add	*0.34*	
		For Horizontal Installation >10' High, Add	*0.51*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.71*	
		For >128 To 320, Add	*0.40*	
		For >1,536, Deduct	*-0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0029	SF	5/8" Prefinished, Vinyl Faced Gypsum Board	2.68	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.58*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.77*	
		For >128 To 320, Add	*0.44*	
		For >1,536, Deduct	*-0.29*	
09 29 10 00-0030	SF	1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board	2.91	0.50
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.56*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.80*	
		For >128 To 320, Add	*0.46*	
		For >1,536, Deduct	*-0.33*	
09 29 10 00-0031	SF	5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board	4.31	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.64*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.64*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*1.12*	
		For >128 To 320, Add	*0.62*	
		For >1,536, Deduct	*-0.52*	

09 29 10 00-0032 Moisture And Mold Resistant Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0033	SF	1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.58	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.24*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.51*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.11*	
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.34*	
		For Horizontal Installation >10' High, Add	*0.51*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.52*	
		For >128 To 320, Add	*0.31*	
		For >1,536, Deduct	*-0.14*	
09 29 10 00-0034	SF	5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.86	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.58*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.60*	
		For >128 To 320, Add	*0.36*	
		For >1,536, Deduct	*-0.16*	
09 29 10 00-0035	SF	1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	1.85	0.48
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.56*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.38*	
		For Horizontal Installation >10' High, Add	*0.56*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.59*	
		For >128 To 320, Add	*0.35*	
		For >1,536, Deduct	*-0.17*	
09 29 10 00-0036	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board	2.08	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.64*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.44*	
		For Horizontal Installation >10' High, Add	*0.64*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.67*	
		For >128 To 320, Add	*0.40*	
		For >1,536, Deduct	*-0.18*	

09 29 10 00-0037 Hi-Impact Gypsum Board *(09 29 10 00-0001)*

Note: Abrasion, impact and penetration resistant.

09 29 10 00-0038	SF	0.01" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	2.67	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.58*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.76*	
		For >128 To 320, Add	*0.44*	
		For >1,536, Deduct	*-0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0039	SF	0.02" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	3.12	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.28*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.58*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.85*	
		For >128 To 320, Add	*0.48*	
		For >1,536, Deduct	*-0.35*	
09 29 10 00-0040	SF	0.03" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	3.57	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.58*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.94*	
		For >128 To 320, Add	*0.53*	
		For >1,536, Deduct	*-0.42*	
09 29 10 00-0041	SF	0.08" Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board	6.25	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.58*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*1.48*	
		For >128 To 320, Add	*0.80*	
		For >1,536, Deduct	*-0.82*	

09 29 10 00-0042 Hi-Abuse Gypsum Board *(09 29 10 00-0001)*

Note: Surface indentation, impact, abrasion and moisture/mold/mildew resistant.

09 29 10 00-0043	SF	5/8" Fire Rated, Hi-Abuse Gypsum Board	1.90	0.55
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.27*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.58*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.39*	
		For Horizontal Installation >10' High, Add	*0.58*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.61*	
		For >128 To 320, Add	*0.36*	
		For >1,536, Deduct	*-0.17*	

09 29 10 00-0044 Soundproof Gypsum Board *(09 29 10 00-0001)*

Note: Minimum STC rating for 1/2" board is 49 and 5/8" board is 51.

09 29 10 00-0045	SF	1/2" Soundproof Gypsum Board	3.42	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.59*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.92*	
		For >128 To 320, Add	*0.52*	
		For >1,536, Deduct	*-0.40*	
09 29 10 00-0046	SF	5/8" Soundproof Gypsum Board	4.09	0.58
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.59*	
		For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.40*	
		For Horizontal Installation >10' High, Add	*0.59*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*1.05*	
		For >128 To 320, Add	*0.58*	
		For >1,536, Deduct	*-0.50*	

09 29 10 00-0047 Finishing Gypsum Board Applications *(09 29 10)*

Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.

09 29 10 00-0048 Finish Gypsum Board Walls, ASTM C840 Level 4 *(09 29 10 00-0047)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0049	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.65	
		For Up To 128, Add	*0.25*	
		For >128 To 320, Add	*0.16*	
		For >5,400, Deduct	*-0.07*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.31*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.16*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.06*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.48*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.48*	
09 29 10 00-0050	SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	0.87	
		For Up To 128, Add	*0.34*	
		For >128 To 320, Add	*0.21*	
		For >5,400, Deduct	*-0.09*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.42*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.21*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.08*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.65*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.65*	

09 29 10 00-0051 Finish Gypsum Board Ceilings, ASTM C840 Level 4 *(09 29 10 00-0047)*

09 29 10 00-0052	SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	0.86	
		For Up To 128, Add	*0.33*	
		For >128 To 320, Add	*0.21*	
		For >5,400, Deduct	*-0.09*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.42*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.21*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.08*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.64*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.64*	
09 29 10 00-0053	SF	>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.16	
		For Up To 128, Add	*0.45*	
		For >128 To 320, Add	*0.28*	
		For >5,400, Deduct	*-0.12*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.57*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.28*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.11*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.86*	
		For Spray Applied Textured Or Orange Peel Finish, Add	*0.86*	

09 29 10 00-0054 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 *(09 29 10 00-0047)*

Note: Inside or outside gypsum board corners.

09 29 10 00-0055	LF	Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.31	
		For ASTM C840 Level 1 Finish, Deduct	*-0.62*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.31*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.12*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.96*	
09 29 10 00-0056	LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.57	
		For ASTM C840 Level 1 Finish, Deduct	*-0.75*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.37*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.15*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.16*	

09 29 10 00-0057 Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 *(09 29 10 00-0047)*

Note: Inside or outside gypsum board corners.

09 29 10 00-0058	LF	Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.53	
		For ASTM C840 Level 1 Finish, Deduct	*-0.73*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.36*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.15*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.13*	
09 29 10 00-0059	LF	>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.84	
		For ASTM C840 Level 1 Finish, Deduct	*-0.88*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.44*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.18*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.36*	

09 29 10 00-0060 Casing And Corner Beads *(09 29 10)*

09 29 10 00-0061	LF	Casing, Galvanized Steel J-Bead For Gypsum Board	3.43	0.97
		For Up To 100, Add	*0.23*	
		For >500, Deduct	*-0.17*	
09 29 10 00-0062	LF	Corner Bead, Galvanized Steel For Gypsum Board	3.33	0.97
		For Up To 100, Add	*0.21*	
		For >500, Deduct	*-0.17*	

09 29 10 00-0063 Preformed Architectural Profiles *(09 29 10)*

09 29 10 00-0064 Trim Reveals For Gypsum Board *(09 29 10 00-0063)*

09 29 10 00-0065	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.95	1.18
09 29 10 00-0066	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	3.97	1.18
09 29 10 00-0067	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.07	1.18
09 29 10 00-0068	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.12	1.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0069	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.25	1.18
09 29 10 00-0070	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.37	1.18
09 29 10 00-0071	LF	1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.49	1.18
09 29 10 00-0072	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.89	1.18
09 29 10 00-0073	LF	2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.28	1.18
09 29 10 00-0074	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.10	1.27
09 29 10 00-0075	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.10	1.27
09 29 10 00-0076	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.37	1.27
09 29 10 00-0077	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.42	1.27
09 29 10 00-0078	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.59	1.27
09 29 10 00-0079	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.67	1.27
09 29 10 00-0080	LF	1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	4.77	1.27
09 29 10 00-0081	LF	1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.21	1.27
09 29 10 00-0082	LF	2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	5.66	1.27
09 29 10 00-0083	LF	3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.58	1.46
09 29 10 00-0084	LF	4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.32	1.46
09 29 10 00-0085		**Edge Trim For Gypsum Board** *(09 29 10 00-0063)*		
09 29 10 00-0086	LF	1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	3.72	1.22
09 29 10 00-0087	LF	5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	3.91	1.22
09 29 10 00-0088	LF	1" Aluminum Extrusions, Edge Trim For Gypsum Board	4.53	1.35
09 29 10 00-0089	LF	1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	4.78	1.46
09 29 10 00-0090	LF	1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	6.19	1.22
09 29 10 00-0091	LF	5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	6.39	1.22
09 29 10 00-0092	LF	1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	7.00	1.35
09 29 10 00-0093	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	7.25	1.46
09 29 10 00-0094		**Bevel Trim For Gypsum Board** *(09 29 10 00-0063)*		
09 29 10 00-0095	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board	3.91	1.22
09 29 10 00-0096	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board	4.46	1.35
09 29 10 00-0097		**Trim/Wainscot Caps For Gypsum Board** *(09 29 10 00-0063)*		
09 29 10 00-0098	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board	5.20	1.46
09 29 10 00-0099		**Single Fin Wall/Trim Reveals For Gypsum Board** *(09 29 10 00-0063)*		
09 29 10 00-0100	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.53	0.78
09 29 10 00-0101	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	3.65	0.87
09 29 10 00-0102	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.21	0.97
09 29 10 00-0103	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.49	1.08
09 29 10 00-0104	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.74	1.18
09 29 10 00-0105	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.81	1.18
09 29 10 00-0106	LF	1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.04	1.18
09 29 10 00-0107	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.46	1.18
09 29 10 00-0108	LF	2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.61	1.18
09 29 10 00-0109	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.59	1.27
09 29 10 00-0110	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.64	1.27
09 29 10 00-0111	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	4.92	1.27
09 29 10 00-0112	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.04	1.27
09 29 10 00-0113	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.14	1.27
09 29 10 00-0114	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.26	1.27
09 29 10 00-0115	LF	1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.43	1.27
09 29 10 00-0116	LF	1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.88	1.27
09 29 10 00-0117	LF	2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.25	1.27
09 29 10 00-0118	LF	3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.44	1.27
09 29 10 00-0119	LF	4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.71	1.27
09 29 10 00-0120	LF	3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	6.99	1.27
09 29 10 00-0121	LF	3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	7.19	1.27
09 29 10 00-0122	LF	4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	7.86	1.27
09 29 10 00-0123	LF	4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	7.93	1.27
09 29 10 00-0124	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board	8.90	1.27
09 29 10 00-0125	LF	5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board	7.46	1.27
09 29 10 00-0126		**'V' Groove Wall Reveals For Gypsum Board** *(09 29 10 00-0063)*		
09 29 10 00-0127	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	5.83	1.76
09 29 10 00-0128	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	6.71	1.95
09 29 10 00-0129	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	7.66	2.34
09 29 10 00-0130	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	7.90	2.53
09 29 10 00-0131		**Double Fin Wall Reveals For Gypsum Board** *(09 29 10 00-0063)*		
09 29 10 00-0132	LF	3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.14	1.18
09 29 10 00-0133	LF	1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.19	1.18
09 29 10 00-0134	LF	1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.23	1.18
09 29 10 00-0135	LF	3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.23	1.18
09 29 10 00-0136	LF	1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.46	1.18
09 29 10 00-0137	LF	5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.56	1.16
09 29 10 00-0138	LF	3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.66	1.18
09 29 10 00-0139	LF	1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.88	1.18
09 29 10 00-0140	LF	1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.25	1.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0141	LF	2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.64	1.18
09 29 10 00-0142	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.46	1.27
09 29 10 00-0143	LF	1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.51	1.27
09 29 10 00-0144	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.61	1.27
09 29 10 00-0145	LF	1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.83	1.27
09 29 10 00-0146	LF	5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.93	1.27
09 29 10 00-0147	LF	3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.00	1.27
09 29 10 00-0148	LF	1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.25	1.27
09 29 10 00-0149	LF	1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.65	1.27
09 29 10 00-0150	LF	2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	7.04	1.27
09 29 10 00-0151	LF	3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.11	1.27
09 29 10 00-0152	LF	4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.33	1.27
09 29 10 00-0153	LF	1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.45	1.39
09 29 10 00-0154	LF	3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.84	1.69
09 29 10 00-0155	LF	1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.16	1.69
09 29 10 00-0156	LF	1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	8.53	1.16
09 29 10 00-0157	LF	1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	8.34	1.69
09 29 10 00-0158	LF	1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board	5.95	1.16

09 29 10 00-0159 Special Conditions Reveals For Gypsum Board *(09 29 10 00-0063)*

09 29 10 00-0160 Radius Conditions *(09 29 10 00-0159)*

09 29 10 00-0161	EA	8' Long Inside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	61.85	
09 29 10 00-0162	EA	8' Long Outside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	61.85	
09 29 10 00-0163	EA	8' Long Circular / Arched Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	61.85	

09 29 10 00-0164 Knee Brace Kit *(09 29 10 00-0159)*

09 29 10 00-0165	EA	46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	143.13	12.18

09 29 10 00-0166 Wall Bumper Rail *(09 29 10 00-0159)*

09 29 10 00-0167	LF	2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	22.12	4.87

09 29 10 00-0168 Corners For Gypsum Board *(09 29 10 00-0063)*

09 29 10 00-0169	LF	1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	4.81	1.18
09 29 10 00-0170	LF	5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	5.16	1.27
09 29 10 00-0171	LF	3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	5.67	1.33
09 29 10 00-0172	LF	1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	6.26	1.39
09 29 10 00-0173	LF	1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	7.60	1.69
09 29 10 00-0174	LF	2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.76	1.90
09 29 10 00-0175	LF	2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	10.54	2.18
09 29 10 00-0176	LF	3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	12.72	2.54
09 29 10 00-0177	LF	4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	17.41	3.39
09 29 10 00-0178	LF	90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	4.78	1.13
09 29 10 00-0179	LF	90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	8.39	1.53
09 29 10 00-0180	LF	90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	6.34	1.53
09 29 10 00-0181	LF	90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	10.57	1.53
09 29 10 00-0182	LF	45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	14.84	1.90
09 29 10 00-0183	LF	60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	14.30	1.90
09 29 10 00-0184	LF	3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	4.85	1.33
09 29 10 00-0185	LF	5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	4.84	1.27
09 29 10 00-0186	LF	1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	4.79	1.18
09 29 10 00-0187	LF	5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	5.06	1.27
09 29 10 00-0188	LF	1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	6.58	1.39
09 29 10 00-0189	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	5.75	1.18
09 29 10 00-0190	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	6.10	1.27
09 29 10 00-0191	LF	1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	8.61	1.39
09 29 10 00-0192	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	9.22	1.18
09 29 10 00-0193	LF	3" Aluminum Extrusions, Bullnose For Gypsum Board	16.21	2.54
09 29 10 00-0194	LF	3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	17.20	2.54
09 29 10 00-0195	LF	5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	31.52	4.23
09 29 10 00-0196	LF	7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	51.58	6.00
09 29 10 00-0197	LF	3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	5.68	1.31
09 29 10 00-0198	LF	1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	6.41	1.37
09 29 10 00-0199	LF	1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	7.72	1.67
09 29 10 00-0200	LF	2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	9.35	1.88
09 29 10 00-0201	LF	2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	12.89	2.14
09 29 10 00-0202	LF	3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	14.06	2.50
09 29 10 00-0203	LF	4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	16.32	3.34
09 29 10 00-0204	LF	3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	10.65	2.50
09 29 10 00-0205	LF	3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	10.77	2.50
09 29 10 00-0206	LF	4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	11.56	2.50
09 29 10 00-0207	LF	5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	11.81	2.50

09 29 82 Gypsum Board Fire Protection *(09 29)*

09 29 82 00-0001 Shaft Wall *(09 29 82)*

See CSI section 09 29 10 00-0047 for finishing drywall.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 82 00-0002	SF	3/4" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.	6.36	2.43
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*2.44*	
		For Horizontal Installation Up To 10' High, Add	*1.66*	
		For Horizontal Installation >10' High, Add	*2.44*	
		For Walls >10' High, Add	*0.39*	
		For Up To 128, Add	*2.25*	
		For >128 To 320, Add	*1.37*	
		For >1,536, Deduct	*-0.47*	
09 29 82 00-0003	SF	7/8" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.	7.36	2.93
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*2.93*	
		For Horizontal Installation Up To 10' High, Add	*1.99*	
		For Horizontal Installation >10' High, Add	*2.93*	
		For Walls >10' High, Add	*0.47*	
		For Up To 128, Add	*2.64*	
		For >128 To 320, Add	*1.61*	
		For >1,536, Deduct	*-0.52*	
09 29 82 00-0004	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	5.63	1.88
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.88*	
		For Horizontal Installation Up To 10' High, Add	*1.28*	
		For Horizontal Installation >10' High, Add	*1.88*	
		For Walls >10' High, Add	*0.30*	
		For Up To 128, Add	*1.88*	
		For >128 To 320, Add	*1.13*	
		For Glass Mat Surfaces, Add	*0.21*	
09 29 82 00-0005	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	6.01	1.97
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.97*	
		For Horizontal Installation Up To 10' High, Add	*1.34*	
		For Horizontal Installation >10' High, Add	*1.97*	
		For Walls >10' High, Add	*0.32*	
		For Up To 128, Add	*1.99*	
		For >128 To 320, Add	*1.19*	
		For Glass Mat Surfaces, Add	*0.21*	
09 29 82 00-0006	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	6.49	1.97
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*1.97*	
		For Horizontal Installation Up To 10' High, Add	*1.34*	
		For Horizontal Installation >10' High, Add	*1.97*	
		For Walls >10' High, Add	*0.32*	
		For Up To 128, Add	*2.09*	
		For >128 To 320, Add	*1.24*	
		For Glass Mat Surfaces, Add	*0.21*	
09 29 82 00-0007	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.	6.87	2.07
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*2.07*	
		For Horizontal Installation Up To 10' High, Add	*1.40*	
		For Horizontal Installation >10' High, Add	*2.07*	
		For Walls >10' High, Add	*0.33*	
		For Up To 128, Add	*2.20*	
		For >128 To 320, Add	*1.31*	
		For Glass Mat Surfaces, Add	*0.21*	

09 30 Tiling *(09)*

Note: All tiles are standard comercial grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods.

09 30 13 Ceramic Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001 Ceramic Tiling *(09 30 13)*

09 30 13 00-0002	SF	2" x 2" x 1/4" Thick, Unpolished Ceramic Floor Tile Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.	11.61	2.65
09 30 13 00-0003	SF	Less Than 8" x 8" Mounted Floor Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	12.24	2.65
		For Up To 50, Add	*7.04*	
		For >50 To 250, Add	*1.06*	
		For >1,000, Deduct	*-0.53*	
		For Epoxy Grout, Add	*1.28*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 13 00-0004	SF	8" x 8" And Larger Unmounted Floor Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	13.56	1.65
		For Up To 50, Add	*8.36*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 13 00-0005	SF	2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Wall Tile Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.	12.73	3.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0006	SF	Less than 8" x 8" Mounted Wall Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	13.36	3.21
		For Up To 50, Add	*8.16*	
		For >50 To 250, Add	*1.28*	
		For >1,000, Deduct	*-0.64*	
		For Epoxy Grout, Add	*1.44*	
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Wall Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	15.05	2.04
		For Up To 50, Add	*9.85*	
		For >50 To 250, Add	*1.62*	
		For >1,000, Deduct	*-0.81*	
		For Epoxy Grout, Add	*1.70*	
09 30 13 00-0008	SF	Less than 8" x 8" Mounted Ceiling Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	18.06	5.57
		For Up To 50, Add	*12.86*	
		For >50 To 250, Add	*2.22*	
		For >1,000, Deduct	*-1.11*	
		For Chemical Resistant Epoxy Grout, Add	*1.97*	
09 30 13 00-0009	SF	8" x 8" And Larger Unmounted Ceiling Tile Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.	20.29	3.34
		For Up To 50, Add	*15.09*	
		For >50 To 250, Add	*2.67*	
		For >1,000, Deduct	*-1.34*	
		For Chemical Resistant Epoxy Grout, Add	*2.30*	
09 30 13 00-0010	LF	4-1/4" To 4-1/2" High Glazed Porcelain, Unglazed Porcelain And Glazed Ceramic Cove Base Or Trim	10.99	2.32
		For Chemical Resistant Epoxy Grout, Add	*1.59*	
09 30 13 00-0011	SF	2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.	8.70	2.65
09 30 13 00-0012	LF	6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	14.82	2.32
09 30 13 00-0013	LF	6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	16.32	2.32
09 30 13 00-0014	EA	6" High, Unpolished Ceramic Cove Base Outer Corner	11.28	0.51

09 30 16 Quarry Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF	Unglazed Quarry Floor Tile Note: With or without embedded abrasive grit.	10.83	1.87
		For Up To 50, Add	*8.27*	
		For >50 To 250, Add	*1.48*	
		For >1,000, Deduct	*-0.74*	
		For Epoxy Grout, Add	*1.59*	
09 30 16 00-0002	SF	Glazed Quarry Floor Tile	21.44	1.87
		For Up To 50, Add	*10.92*	
		For >50 To 250, Add	*1.48*	
		For >1,000, Deduct	*-0.74*	
		For Epoxy Grout, Add	*1.59*	
09 30 16 00-0003	SF	Unglazed Quarry Wall Tile Note: With or without embedded abrasive grit.	12.32	2.21
		For Up To 50, Add	*9.76*	
		For >50 To 250, Add	*1.78*	
		For >1,000, Deduct	*-0.89*	
		For Epoxy Grout, Add	*1.82*	
09 30 16 00-0004	SF	Glazed Quarry Wall Tile	22.93	2.21
		For Up To 50, Add	*12.41*	
		For >50 To 250, Add	*1.78*	
		For >1,000, Deduct	*-0.89*	
		For Epoxy Grout, Add	*1.82*	
09 30 16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim	15.15	2.45
		For Chemical Resistant Epoxy Grout, Add	*1.67*	
09 30 16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim	32.55	2.45
		For Chemical Resistant Epoxy Grout, Add	*1.67*	

09 30 33 Stone Tiling *(09 30)*

Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 33 00-0001 Marble Floor Tile *(09 30 33)*

09 30 33 00-0002	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cherry Blossom"	11.35	1.65
		For Up To 50, Add	*7.80*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0003	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Laurent Brown"	11.78	1.65
		For Up To 50, Add	*7.91*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0004	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Temple Gray"	12.02	1.65
		For Up To 50, Add	*7.97*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0005	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Cafe"	12.12	1.65
		For Up To 50, Add	*8.00*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0006	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "China Black"	12.19	1.65
		For Up To 50, Add	*8.01*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0007	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Sea Grass Honed"	12.29	1.65
		For Up To 50, Add	*8.04*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0008	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Gris Magma or Gris Nebula"	12.53	1.65
		For Up To 50, Add	*8.10*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0009	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Dark Green"	14.06	1.65
		For Up To 50, Add	*8.48*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0010	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cappuccino Light"	14.23	1.65
		For Up To 50, Add	*8.52*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0011	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Cream"	14.55	1.65
		For Up To 50, Add	*8.60*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0012	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Classic"	14.91	1.65
		For Up To 50, Add	*8.69*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0013	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato Carrara"	15.16	1.65
		For Up To 50, Add	*8.76*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0014	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Giallo Crystal Onyx"	16.00	1.65
		For Up To 50, Add	*8.97*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0015	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cafe Forest or Rain Forest"	17.59	1.65
		For Up To 50, Add	*9.36*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0016	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato"	17.69	1.65
		For Up To 50, Add	*9.39*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0017	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Carrara White"	18.87	1.65
		For Up To 50, Add	*9.68*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0018	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Select Or Sahara Gold"	19.28	1.65
		For Up To 50, Add	*9.79*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0019	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Fiorito Or Michelangelo"	19.45	1.65
		For Up To 50, Add	*9.83*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0020	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Antique"	19.72	1.65
		For Up To 50, Add	*9.90*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0021	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Dark Or Super Thassos Glass"	21.91	1.65
		For Up To 50, Add	*10.44*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0022	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rosa Verona"	23.16	1.65
		For Up To 50, Add	*10.76*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0023	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Rojo Alicante"	23.50	1.65
		For Up To 50, Add	*10.84*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0024	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Light"	23.66	1.65
		For Up To 50, Add	*10.88*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0025 Granite Floor Tile *(09 30 33)*

09 30 33 00-0026	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Crystal Gray"	10.16	1.65
		For Up To 50, Add	*7.51*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0027	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Peach Flower"	11.01	1.65
		For Up To 50, Add	*7.72*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0028	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Golden Yellow"	11.68	1.65
		For Up To 50, Add	*7.89*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0029	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Absolute Black"	14.38	1.65
		For Up To 50, Add	*8.56*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0030	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tan Brown"	14.91	1.65
		For Up To 50, Add	*8.69*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0031	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Black Galaxy"	15.40	1.65
		For Up To 50, Add	*8.82*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0032	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Kashmir White Or Gold"	15.90	1.65
		For Up To 50, Add	*8.94*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0033	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Giallo Santa Cecelia"	16.51	1.65
		For Up To 50, Add	*9.09*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0034	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Verde UbaTuba"	17.08	1.65
		For Up To 50, Add	*9.24*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0035	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "New Venetian Gold"	17.69	1.65
		For Up To 50, Add	*9.39*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0036	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tropic Brown"	18.26	1.65
		For Up To 50, Add	*9.53*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0037	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Baltic Brown Or Indian Dakota"	18.94	1.65
		For Up To 50, Add	*9.70*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0038	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Dynamic Blue"	19.62	1.65
		For Up To 50, Add	*9.87*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0039	SF	12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Blue Pearl Or Emerald Pearl"	21.98	1.65
		For Up To 50, Add	*10.46*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0040 Slate Floor Tile *(09 30 33)*

09 30 33 00-0041	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Raja Classic"	9.15	1.65
		For Up To 50, Add	*7.25*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0042	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Rustic Gold"	9.59	1.65
		For Up To 50, Add	*7.36*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0043	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "California Gold Or Black Rust"	9.83	1.65
		For Up To 50, Add	*7.42*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0044	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Indian Autumn"	9.83	1.65
		For Up To 50, Add	*7.42*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0045	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "China Multi, Earth, Or Autumn Blend"	10.00	1.65
		For Up To 50, Add	*7.47*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0046	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Lilac Kashmir Or Madras Yellow"	10.50	1.65
		For Up To 50, Add	*7.59*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0047	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Montauk Blue, Copper Quartzite, Montauk Black, San Rio Rustic, Or Gold Green Quartzite"	11.01	1.65
		For Up To 50, Add	*7.72*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0048	SF	12" x 12" And Larger Unmounted Slate Floor Tile, "Ocean Green Quartzite Or Golden White Quartzite"	11.18	1.65
		For Up To 50, Add	*7.76*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0049 Travertine Floor Tile *(09 30 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0050	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Noce Rustic"	11.01	1.65
		For Up To 50, Add	*7.72*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0051	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Denizli Beige Or Oasis Walnut"	11.52	1.65
		For Up To 50, Add	*7.85*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0052	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Gold"	11.85	1.65
		For Up To 50, Add	*7.93*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0053	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Navona Light - Ivory"	12.36	1.65
		For Up To 50, Add	*8.06*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0054	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Noce"	12.53	1.65
		For Up To 50, Add	*8.10*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0055	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Antique"	12.70	1.65
		For Up To 50, Add	*8.14*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0056	SF	12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Cream"	14.32	1.65
		For Up To 50, Add	*8.55*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 30 33 00-0057 Limestone Floor Tile *(09 30 33)*

09 30 33 00-0058	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Isis Gold"	14.22	1.65
		For Up To 50, Add	*8.52*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0059	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Tiara Beige"	14.72	1.65
		For Up To 50, Add	*8.65*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0060	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Halila Cream"	17.35	1.65
		For Up To 50, Add	*9.30*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0061	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Ramon Gold"	18.94	1.65
		For Up To 50, Add	*9.70*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0062	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Chestnut Brown Or Jersusalem Bone"	18.94	1.65
		For Up To 50, Add	*9.70*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0063	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Lagos Blue"	19.45	1.65
		For Up To 50, Add	*9.83*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
09 30 33 00-0064	SF	12" x 12" And Larger Unmounted Limestone Floor Tile, "Jura Gray"	21.30	1.65
		For Up To 50, Add	*10.29*	
		For >50 To 250, Add	*1.32*	
		For >1,000, Deduct	*-0.66*	
		For Epoxy Grout, Add	*1.47*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	

09 31 Thin-Set Tiling *(09 30)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 13 Thin-Set Ceramic Tiling *(09 31)*

09 31 13 00-0001 Thin-Set Ceramic Tiling *(09 31 13)*

09 31 13 00-0002	SF	Thin Set - Latex Portland Cement Mortar	1.62	0.88
		For Up To 50, Add	*1.40*	
		For >50 To 250, Add	*0.26*	
		For >1,000, Deduct	*-0.13*	
09 31 13 00-0003	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	0.84	
		For Up To 50, Add	*0.84*	
		For >50 To 250, Add	*0.17*	
		For >1,000, Deduct	*-0.08*	

09 32 Mortar-Bed Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 13 Mortar-Bed Ceramic Tiling *(09 32)*

09 32 13 00-0001 Mortar-Bed Ceramic Tiling *(09 32 13)*

09 32 13 00-0002	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For residential floors. Includes 15 LB felt and wire reinforcement.	3.68	1.77
		For Up To 50, Add	*2.91*	
		For >50 To 250, Add	*0.53*	
		For >1,000, Deduct	*-0.27*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0003	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed Note: For commercial floors. Includes 15 LB felt and wire reinforcement.	5.32	2.36
		For Up To 50, Add	*3.98*	
		For >50 To 250, Add	*0.71*	
		For >1,000, Deduct	*-0.35*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0004	SF	3/4" Portland Cement Plaster Scratch Coat for Walls Note: Includes 15 LB felt and expanded metal lath.	12.04	5.30
		For Up To 50, Add	*10.95*	
		For >50 To 250, Add	*2.12*	
		For >1,000, Deduct	*-1.06*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
		For Installation Without Felt And Metal Lath, Deduct	*-2.03*	

09 34 Waterproofing-Membrane Tiling *(09 30)*

09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds *(09 34)*

09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) *(09 34 00 00-0001)*

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	910.81
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,038.57
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,513.51

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps *(09 34 00 00-0001)*

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	110.92
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	103.78

09 34 00 00-0009 Prefabricated Polystyrene Shower Benches *(09 34 00 00-0001)*

Note: Prefabricated shower bench for tiling over. Excludes tile.

09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	208.35
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	410.19
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	504.38
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	369.82
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	410.19
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	437.10

09 34 00 00-0016 Prefabricated Polystyrene Shower Tray *(09 34 00 00-0001)*

Note: Prefabricated shower tray for tiling over. Excludes tile.

09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	184.92
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	184.92
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	279.11

09 34 00 00-0020 Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) *(09 34 00 00-0001)*

09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	3.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 34 00 00-0022	SF	5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	3.85	
09 34 00 00-0023		**Bonded Waterproof Underlayment Membranes (Schluter® KERDI)** *(09 34 00 00-0001)*		
09 34 00 00-0024	SF	0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	3.02	
09 35		**Chemical-Resistant Tiling** *(09 30)*		
		Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.		
09 35 13		**Chemical-Resistant Ceramic Tiling** *(09 35)*		
09 35 13 00-0001		**Chemical-Resistant Ceramic Tiling** *(09 35 13)*		
09 35 13 00-0002	SF	Thin Set - Epoxy Mortar	5.05	1.16
		Note: Impact and chemical resistant.		
		For Up To 50, Add	*2.59*	
		For >50 To 250, Add	*0.35*	
		For >1,000, Deduct	*-0.18*	
09 39		**Tiling Transitions** *(09 30)*		
09 39 00 00-0001		**Tile Waterproofing And Crack Prevention** *(09 39)*		
09 39 00 00-0002	CSF	30 Mil Waterproofing And Crack Prevention Membrane; RedGard	81.42	
		For Chemical Resistant Epoxy Grout, Add	*5.08*	
09 39 00 00-0003		**Waterproof Strip Membranes (Schluter® KERDI)** *(09 39)*		
09 39 00 00-0004	LF	5" Wide, 4 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI BAND)	4.02	
09 39 00 00-0005	LF	10" Wide, 12 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI FLEX)	7.61	
09 39 00 00-0006		**Coved Shaped Transition Profiles For Floor To Wall For Tile** *(09 39)*		
09 39 00 00-0007	LF	5/16" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	5.01	
09 39 00 00-0008	LF	3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	4.99	
09 39 00 00-0009	LF	1/2" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	5.16	
09 39 00 00-0010	LF	5/16" Height, PVC Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	4.78	
09 39 00 00-0011	LF	3/8" Height, Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	4.96	
09 39 00 00-0012		**Coved Shaped Inside Edge Protection And Transition Profiles For Wall To Wall For Tile** *(09 39)*		
09 39 00 00-0013	LF	9/32" x 9/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	9.75	
09 39 00 00-0014	LF	11/32" x 11/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	10.02	
09 39 00 00-0015	LF	7/16" x 7/16" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	10.31	
09 39 00 00-0016		**Tile Substrate (Schluter® KERDI BOARD)** *(09 39)*		
09 39 00 00-0017	SF	1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	5.91	0.68
09 39 00 00-0018	SF	5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	6.64	0.78
09 39 00 00-0019		**Floor Edge Protection And Transition Profiles For Tile** *(09 39)*		
09 39 00 00-0020	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.87	
09 39 00 00-0021	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.94	
09 39 00 00-0022	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	3.01	
09 39 00 00-0023	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	3.14	
09 39 00 00-0024	LF	1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.63	
09 39 00 00-0025	LF	5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.73	
09 39 00 00-0026	LF	3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.80	
09 39 00 00-0027	LF	1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.88	
09 39 00 00-0028	LF	9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	2.98	
09 39 00 00-0029	LF	1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	3.88	
09 39 00 00-0030	LF	1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	3.64	
09 39 00 00-0031	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	3.81	
09 39 00 00-0032	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	3.97	
09 39 00 00-0033	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	4.68	
09 39 00 00-0034	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	3.75	
09 39 00 00-0035	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	3.91	
09 39 00 00-0036	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	4.63	
09 39 00 00-0037		**Outside Wall Edge Protection And Transition Profiles For Tile** *(09 39)*		
09 39 00 00-0038	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	3.74	
09 39 00 00-0039	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	3.90	
09 39 00 00-0040	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	4.15	
09 39 00 00-0041	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	4.41	
09 39 00 00-0042	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	4.08	
09 39 00 00-0043	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	4.40	
09 39 00 00-0044	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	4.71	
09 39 00 00-0045	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	5.27	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 50 Ceilings *(09)*

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings *(09 50)*

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings *(09 51)*

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels *(09 51 13)*

09 51 13 00-0002 Fiberglass Acoustical Panels *(09 51 13 00-0001)*

09 51 13 00-0003	SF	2' x 2' x 3/4" Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	5.05	0.48
		For Up To 50, Add	*1.20*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.31*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0004	SF	2' x 4' x 3/4" Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	5.22	0.48
		For Up To 50, Add	*1.23*	
		For >50 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.32*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.74*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0005	SF	2' x 2' x 1" Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	5.55	0.58
		For Up To 50, Add	*1.28*	
		For >50 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.33*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.78*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0006	SF	2' x 4' x 1" Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	5.52	0.58
		For Up To 50, Add	*1.27*	
		For >50 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.33*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.77*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0007	SF	2' x 2' x 1" Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	12.85	0.58
		For Up To 50, Add	*2.37*	
		For >50 To 200, Add	*1.51*	
		For >200 To 500, Add	*0.70*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.41*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.51*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.08*	
09 51 13 00-0008	SF	2' x 4' x 1" Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	12.85	0.58
		For Up To 50, Add	*2.37*	
		For >50 To 200, Add	*1.51*	
		For >200 To 500, Add	*0.70*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.41*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.51*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.08*	

09 51 13 00-0009 Mineral Fiber Panels *(09 51 13)*

09 51 13 00-0010 Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0009)*

Note: Includes square or tegular edge and class A fire rating.

09 51 13 00-0011	SF	2' x 2' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.32	0.58
		For Up To 50, Add	*0.86*	
		For >50 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.18*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.17*	
		For Individual Room Quantities <495, Add	*0.49*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0012	SF	2' x 4' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.16	0.58
		For Up To 50, Add	*0.83*	
		For >50 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.17*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.16*	
		For Individual Room Quantities <495, Add	*0.47*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0013	SF	2' x 2' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	2.58	0.58
		For Up To 50, Add	*0.90*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.18*	
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0014	SF	2' x 4' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	2.51	0.58
		For Up To 50, Add	*0.88*	
		For >50 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.18*	
		For Individual Room Quantities <495, Add	*0.51*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0015	SF	2' x 2' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.81	0.58
		For Up To 50, Add	*1.08*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.23*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0016	SF	2' x 4' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.05	0.58
		For Up To 50, Add	*0.97*	
		For >50 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.20*	
		For Individual Room Quantities <495, Add	*0.56*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0017	SF	2' x 2' x 3/4" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.25	0.58
		For Up To 50, Add	*1.00*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.21*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0018	SF	2' x 4' x 3/4" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.89	0.58
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.19*	
		For Individual Room Quantities <495, Add	*0.54*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0019	SF	2' x 2' x 3/4" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	4.15	0.58
		For Up To 50, Add	*1.13*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0020	SF	2' x 4' x 3/4" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	4.14	0.58
		For Up To 50, Add	*1.13*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0021	SF	2' x 2' x 3/4" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™/High Washability)	5.51	0.58
		For Up To 50, Add	*1.33*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.34*	
		For >2,500 To 4,000, Deduct	*-0.12*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.81*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0022	SF	2' x 4' x 3/4" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™/High Washability)	6.03	0.58
		For Up To 50, Add	*1.41*	
		For >50 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.37*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.32*	
		For Individual Room Quantities <495, Add	*0.86*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0023	SF	2' x 2' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL Perforated)	5.27	0.58
		For Up To 50, Add	*1.30*	
		For >50 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.33*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.78*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0024	SF	2' x 4' x 5/8" Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL Perforated)	5.25	0.58
		For Up To 50, Add	*1.30*	
		For >50 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.33*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.78*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.57*	
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0025	SF	20" x 60" x 5/8" Mineral Fiber Acoustical Ceiling Panel (USG 2617)	2.42	0.58
		For Ceilings >10' High, Add	*0.10*	
09 51 13 00-0026	SF	20" x 60" x 5/8" Mineral Fiber Acoustical Ceiling Panel (USG 2627)	2.66	0.58
		For Ceilings >10' High, Add	*0.10*	

09 51 13 00-0027 Wood Fiber Panels *(09 51 13)*

09 51 13 00-0028	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels	4.11	0.78
		For Up To 50, Add	*1.31*	
		For >50 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.76*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.13*	
09 51 13 00-0029	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels	3.93	0.68
		For Up To 50, Add	*1.21*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.25*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0030	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels	5.17	0.78
		For Up To 50, Add	*1.47*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.35*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.13*	
09 51 13 00-0031	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	4.99	0.68
		For Up To 50, Add	*1.37*	
		For >50 To 200, Add	*0.81*	
		For >200 To 500, Add	*0.33*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.81*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0032	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	6.19	0.78
		For Up To 50, Add	*1.62*	
		For >50 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.40*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.35*	
		For Individual Room Quantities <495, Add	*0.97*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.13*	
09 51 13 00-0033	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	6.01	0.68
		For Up To 50, Add	*1.53*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0034	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	4.73	0.78
		For Up To 50, Add	*1.41*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.32*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.82*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.13*	
09 51 13 00-0035	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	4.55	0.68
		For Up To 50, Add	*1.31*	
		For >50 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.77*	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	*0.12*	

09 51 13 00-0036 Removal And Reinstallation Of Acoustical Ceiling Panels *(09 51 13)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 51 13 00-0037	SF	Removal And Reinstallation Of Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4'	1.44	
		For Ceilings >10' High, Add	*0.11*	
09 51 13 00-0038	SF	Removal And Reinstallation Of Acoustical Panels Only	0.93	
		For Ceilings >10' High, Add	*0.07*	
09 51 13 00-0039	SF	Removal And Reinstallation Of Grid System Only	0.87	
		For Ceilings >10' High, Add	*0.07*	

09 51 23 Acoustical Tile Ceilings *(09 51)*

Note: Includes fastening with staples and/or adhesive.

09 51 23 00-0001 Mineral Fiber Acoustical Tile Ceilings *(09 51 23)*

09 51 23 00-0002	SF	12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	4.27	1.08
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.61*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.34*	
		For >2,500, Deduct	*-0.21*	
		For Ceilings >10' High, Add	*0.18*	
09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile	4.95	1.08
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.71*	
		For >50 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.37*	
		For >2,500, Deduct	*-0.25*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.28*	
		For Ceilings >10' High, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 23 00-0004	SF	12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile	5.50	1.08
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.80*	
		For >50 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.40*	
		For >2,500, Deduct	*-0.28*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.28*	
		For Ceilings >10' High, Add	*0.18*	
09 51 23 00-0005		Wood Fiber Acoustical Tile Ceilings *(09 51 23)*		
09 51 23 00-0006	SF	12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile	3.98	1.08
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*1.57*	
		For >50 To 200, Add	*0.88*	
		For >200 To 500, Add	*0.32*	
		For >2,500, Deduct	*-0.20*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33		**Acoustical Metal Pan Ceilings** *(09 51)*		
09 51 33 13		**Acoustical Snap-in Metal Pan Ceilings** *(09 51 33)*		
09 51 33 13-0001		Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13)*		
09 51 33 13-0002	SF	24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	13.78	0.85
09 51 33 13-0003	SF	24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	14.71	0.85
09 51 33 13-0004		Aluminum, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13)*		
09 51 33 13-0005	SF	24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	10.43	0.97
09 51 33 13-0006	SF	24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.37	0.97
09 51 33 13-0007	SF	24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	33.54	0.97
09 51 33 13-0008	SF	24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.45	0.97
09 51 33 13-0009	SF	24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	10.99	0.97
09 51 33 13-0010	SF	24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.94	0.97
09 51 33 13-0011	SF	24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	33.29	0.97
09 51 33 13-0012	SF	24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.33	0.97
09 51 33 13-0013	SF	30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	14.03	0.97
09 51 33 13-0014	SF	30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.30	0.97
09 51 33 13-0015	SF	30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	36.94	0.97
09 51 33 13-0016	SF	30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.11	0.97
09 51 33 13-0017	SF	30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	14.83	0.97
09 51 33 13-0018	SF	30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.73	0.97
09 51 33 13-0019	SF	30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	38.18	0.97
09 51 33 13-0020	SF	30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.55	0.97
09 51 33 13-0021	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	12.73	0.97
09 51 33 13-0022	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	20.53	0.97
09 51 33 13-0023	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	36.14	0.97
09 51 33 13-0024	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.68	0.97
09 51 33 13-0025	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.66	0.97
09 51 33 13-0026	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	20.78	0.97
09 51 33 13-0027	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	37.44	0.97
09 51 33 13-0028	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.24	0.97
09 51 33 13-0029	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	10.17	0.97
09 51 33 13-0030	SF	24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.38	0.97
09 51 33 13-0031	SF	24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.48	0.97
09 51 33 13-0032	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	14.63	0.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0033	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	10.79	0.97
09 51 33 13-0034	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.25	0.97
09 51 33 13-0035	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.54	0.97
09 51 33 13-0036	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	14.63	0.97

09 51 33 23 Acoustical Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings *(09 51 33 23)*

09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	10.75	0.73
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	12.14	0.73
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	17.72	0.73
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	15.09	0.73
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	16.17	0.73
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	25.30	0.73
09 51 33 23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	15.93	0.73
09 51 33 23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	19.69	0.73
09 51 33 23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	16.01	0.73
09 51 33 23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	19.81	0.73
09 51 33 23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	16.09	0.73
09 51 33 23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	19.73	0.73
09 51 33 23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	16.09	0.73
09 51 33 23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	19.89	0.73

09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

09 51 33 23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	13.80	0.73
09 51 33 23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	16.40	0.73
09 51 33 23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	17.58	0.73
09 51 33 23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	16.52	0.73
09 51 33 23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	16.96	0.73
09 51 33 23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	17.95	0.73

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33)*

09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33-0001)*

09 51 33 33-0003	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	10.14	0.73
09 51 33 33-0004	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	11.38	0.73
09 51 33 33-0005	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.96	0.73
09 51 33 33-0006	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	11.51	0.73
09 51 33 33-0007	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	12.99	0.73
09 51 33 33-0008	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.39	0.73

09 53 Acoustical Ceiling Suspension Assemblies *(09 50)*

09 53 23 Metal Acoustical Ceiling Suspension Assemblies *(09 53)*

09 53 23 00-0001 Ceiling Suspension Systems *(09 53 23)*

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

09 53 23 00-0002	SF	12" x 12" Ceiling Tile Size, Concealed 15/16" T Bar Ceiling Suspension System Note: Excludes ceiling tile.	3.80	0.48

For Fastening To Concrete, Add	*1.19*
For Fastening To Steel, Add	*1.30*
For Vertical Application, Add	*2.07*
For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.43*
For Compression Posts, Telescopic, With Splay Wires, Attached To Structure, Add Per Each	*41.51*
For Up To 50, Add	*1.51*
For >50 To 200, Add	*0.85*
For >200 To 500, Add	*0.31*
For >2,500 To 4,000, Deduct	*-0.09*
For >4,000 To 5,000, Deduct	*-0.16*
For >5,000, Deduct	*-0.23*
For Ceilings >10' High, Add	*0.18*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0003	SF	1' x 2' Grid, 15/16" T Bar Ceiling Suspension System	3.12	0.48
		For UL Listed (Fire Guard), Add	*0.18*	
		For 1-1/2" Wide Faced Grid, Add	*0.33*	
		For Fastening To Concrete, Add	*1.15*	
		For Fastening To Steel, Add	*1.26*	
		For Vertical Application, Add	*1.71*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.29*	
		For Individual Room Quantities <495, Add	*0.35*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.53*	
		For Compression Posts, Telescopic, With Splay Wires, Attached To Structure, Add Per Each	*41.47*	
		For Up To 50, Add	*1.25*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.19*	
		For Ceilings >10' High, Add	*0.15*	
09 53 23 00-0004	SF	2' x 2' Grid, 15/16" T Bar Ceiling Suspension System	2.44	0.48
		For UL Listed (Fire Guard), Add	*0.12*	
		For 1-1/2" Wide Faced Grid, Add	*0.23*	
		For Fastening To Concrete, Add	*1.11*	
		For Fastening To Steel, Add	*1.22*	
		For Vertical Application, Add	*1.43*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.20*	
		For Individual Room Quantities <495, Add	*0.29*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.36*	
		For Compression Posts, Telescopic, With Splay Wires, Attached To Structure, Add Per Each	*41.43*	
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.20*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.11*	
		For >5,000, Deduct	*-0.15*	
		For Black Grid, Add	*0.10*	
		For Ceilings >10' High, Add	*0.12*	
		For Concealed Spline Grid, Add	*0.37*	
09 53 23 00-0005	SF	2' x 4' Grid, 15/16" T Bar Ceiling Suspension System	2.00	0.48
		For UL Listed (Fire Guard), Add	*0.09*	
		For 1-1/2" Wide Faced Grid, Add	*0.18*	
		For Fastening To Concrete, Add	*1.09*	
		For Fastening To Steel, Add	*1.20*	
		For Vertical Application, Add	*1.37*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.16*	
		For Individual Room Quantities <495, Add	*0.24*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.28*	
		For Compression Posts, Telescopic, With Splay Wires, Attached To Structure, Add Per Each	*41.41*	
		For Up To 50, Add	*0.85*	
		For >50 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.17*	
		For >2,500 To 4,000, Deduct	*-0.05*	
		For >4,000 To 5,000, Deduct	*-0.09*	
		For >5,000, Deduct	*-0.13*	
		For Black Grid, Add	*0.08*	
		For Ceilings >10' High, Add	*0.10*	
		For Concealed Spline Grid, Add	*0.29*	
09 53 23 00-0006	SF	2' x 5' Grid, 15/16" T Bar Ceiling Suspension System	1.83	0.48
		For UL Listed (Fire Guard), Add	*0.10*	
		For 1-1/2" Wide Faced Grid, Add	*0.18*	
		For Fastening To Concrete, Add	*1.07*	
		For Fastening To Steel, Add	*1.18*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.17*	
		For Individual Room Quantities <495, Add	*0.21*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.30*	
		For Compression Posts, Telescopic, With Splay Wires, Attached To Structure, Add Per Each	*41.39*	
		For Up To 50, Add	*0.74*	
		For >50 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.15*	
		For >2,500 To 4,000, Deduct	*-0.04*	
		For >4,000 To 5,000, Deduct	*-0.08*	
		For >5,000, Deduct	*-0.11*	
		For Ceilings >10' High, Add	*0.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0007	SF	2', 15/16" Suspended Ceiling Cross Tee Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.	0.74	0.28
		For 1-1/2" Wide Faced Grid, Add	*0.05*	
		For Vertical Application, Add	*0.56*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For 9/16" Narrow Faced Grid, Add	*0.05*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.09*	
		For Aluminum T-Bar System, Add	*0.08*	
		For Up To 50, Add	*0.34*	
		For >50 To 200, Add	*0.19*	
		For >200 To 500, Add	*0.07*	
		For >2,500 To 4,000, Deduct	*-0.02*	
		For >4,000 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.05*	
		For Ceilings >10' High, Add	*0.04*	
09 53 23 00-0008		Ceiling Suspension System Accessories *(09 53 23)*		
09 53 23 00-0009	LF	Pencil Rod Support For Suspended Ceiling with Accessories	1.05	
09 53 23 00-0010	LF	1" x 1/8" Flat Bar Bracing For Suspended Ceiling	2.63	1.37
		For 304 Stainless Steel, Add	*1.65*	
		For 316 Stainless Steel, Add	*1.86*	
		For Aluminum, Add	*0.10*	
		For Galvanized Steel, Add	*0.36*	
09 53 23 00-0011	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling	3.72	1.46
		For 304 Stainless Steel, Add	*2.51*	
		For 316 Stainless Steel, Add	*2.82*	
		For Aluminum, Add	*0.16*	
		For Galvanized Steel, Add	*0.55*	
09 53 23 00-0012	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	4.98	1.56
		For 304 Stainless Steel, Add	*5.02*	
		For 316 Stainless Steel, Add	*5.63*	
		For Aluminum, Add	*0.32*	
		For Galvanized Steel, Add	*1.09*	

09 54 Specialty Ceilings *(09 50)*

09 54 23 Linear Metal Ceilings *(09 54)*

09 54 23 00-0001 Linear Ceiling Systems *(09 54 23)*

09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems *(09 54 23 00-0001)*

Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.

09 54 23 00-0003	SF	4" Panel Width, 0.032" Aluminum, Linear Ceiling System	14.41	2.00
		For Up To 50, Add	*4.08*	
		For >50 To 200, Add	*2.40*	
		For >200 To 500, Add	*0.96*	
		For >2,500, Deduct	*-0.72*	
		For Ceilings >10' High, Add	*0.36*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-2.37*	
		For Curved Ceilings, Add	*1.18*	
09 54 23 00-0004	SF	8" Panel Width, 0.032" Aluminum, Linear Ceiling System	11.84	2.00
		For Up To 50, Add	*3.66*	
		For >50 To 200, Add	*2.12*	
		For >200 To 500, Add	*0.83*	
		For >2,500, Deduct	*-0.59*	
		For Ceilings >10' High, Add	*0.35*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.19*	
		For Curved Ceilings, Add	*1.16*	
09 54 23 00-0005	SF	12" Panel Width, 0.032" Aluminum, Linear Ceiling System	10.83	2.00
		For Up To 50, Add	*3.46*	
		For >50 To 200, Add	*2.00*	
		For >200 To 500, Add	*0.77*	
		For >2,500, Deduct	*-0.54*	
		For Ceilings >10' High, Add	*0.35*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-0.78*	
		For Curved Ceilings, Add	*1.14*	

09 54 23 00-0006 Tin Ceilings *(09 54 23)*

09 54 23 00-0007	SF	2' x 2' Tin Ceiling Embossed Panels	21.26	3.10
		For Up To 50, Add	*4.68*	
		For >50 To 200, Add	*2.87*	
		For >200 To 500, Add	*1.25*	
		For >2,500, Deduct	*-1.06*	
		For Ceilings >10' High, Add	*0.28*	
09 54 23 00-0008	SF	12" x 12" Tin Ceiling Embossed Plates	31.88	2.00
		For Up To 50, Add	*6.36*	
		For >50 To 200, Add	*3.98*	
		For >200 To 500, Add	*1.79*	
		For >2,500, Deduct	*-1.59*	
		For Ceilings >10' High, Add	*0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0009	SF	12" x 24" Tin Ceiling Embossed Plates	22.99	2.00
		For Up To 50, Add	*5.02*	
		For >50 To 200, Add	*3.09*	
		For >200 To 500, Add	*1.35*	
		For >2,500, Deduct	*-1.15*	
		For Ceilings >10' High, Add	*0.30*	
09 54 23 00-0010	SF	24" x 24" Tin Ceiling Embossed Plates	21.11	2.00
		For Up To 50, Add	*4.62*	
		For >50 To 200, Add	*2.84*	
		For >200 To 500, Add	*1.24*	
		For >2,500, Deduct	*-1.06*	
		For Ceilings >10' High, Add	*0.27*	
09 54 23 00-0011	SF	24" x 48" Tin Ceiling Embossed Plates	18.41	1.50
		For Up To 50, Add	*4.03*	
		For >50 To 200, Add	*2.48*	
		For >200 To 500, Add	*1.08*	
		For >2,500, Deduct	*-0.92*	
		For Ceilings >10' High, Add	*0.24*	
09 54 23 00-0012	LF	3" Or 4" Wide Embossed Molding	13.56	3.00
		For Ceilings >10' High, Add	*0.44*	
09 54 23 00-0013	LF	6" Wide Embossed Molding	17.17	3.50
		For Ceilings >10' High, Add	*0.49*	
09 54 23 00-0014	LF	12" Wide Embossed Molding	23.18	4.09
		For Ceilings >10' High, Add	*0.61*	
09 54 23 00-0015	EA	3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	38.85	9.50
		For Ceilings >10' High, Add	*1.39*	
09 54 23 00-0016	EA	12" Wide Embossed Cross, Tee Or Ell	54.76	11.10
		For Ceilings >10' High, Add	*1.67*	

09 57 Special Function Ceilings *(09 50)*

09 57 63 High Impact Ceilings *(09 57)*

09 57 63 00-0001 High Impact Ceilings *(09 57 63)*

09 57 63 00-0002	SF	Polyvinyl Chloride Face High Impact Ceiling Panels	6.44	0.97
		For Ceilings >10' High, Add	*0.12*	
09 57 63 00-0003	SF	High Impact Clips	2.49	0.78
		For Ceilings >10' High, Add	*0.09*	

09 60 Flooring *(09)*

Note: Perform moisture testing as recommended by manufacturer.

09 61 Flooring Treatment *(09 60)*

09 61 13 Slip-Resistant Flooring Treatment *(09 61)*

09 61 13 00-0001 Anti-Slip Tape *(09 61 13)*

Note: Grit sandpaper surface with adhesive back.

09 61 13 00-0002	LF	1" Anti-Slip Tape	2.39	1.95
09 61 13 00-0003	LF	2" Anti-Slip Tape	2.92	2.14
09 61 13 00-0004	LF	3" Anti-Slip Tape	3.46	2.36
09 61 13 00-0005	LF	4" Anti-Slip Tape	3.97	2.59
09 61 13 00-0006	LF	6" Anti-Slip Tape	4.93	2.85
09 61 13 00-0007	LF	12" Anti-Slip Tape	8.42	4.28
09 61 13 00-0008	LF	24" Anti-Slip Tape	12.02	6.42

09 63 Masonry Flooring *(09 60)*

09 63 13 Brick Flooring *(09 63)*

09 63 13 00-0001 Clay Bricks *(09 63 13)*

09 63 13 00-0002	SF	2-1/4" Thick Clay Brick Floor	28.32	8.50
		For Basket Weave Pattern, Add	*1.82*	
		For Herringbone Pattern, Add	*2.42*	
		For Epoxy Joints, Add	*4.75*	
09 63 13 00-0003	SF	3" Thick Clay Brick Floor	32.35	8.50
		For Basket Weave Pattern, Add	*1.82*	
		For Herringbone Pattern, Add	*2.42*	
		For Epoxy Joints, Add	*4.75*	
09 63 13 00-0004	SF	1/2" Thick Unglazed Clay Brick Floor	17.00	8.50
		For Basket Weave Pattern, Add	*1.82*	
		For Herringbone Pattern, Add	*2.42*	
		For Epoxy Joints, Add	*4.75*	
09 63 13 00-0005	SF	1/2" Thick Glazed Clay Brick Floor	20.64	8.50
		For Basket Weave Pattern, Add	*1.82*	
		For Herringbone Pattern, Add	*2.42*	
		For Epoxy Joints, Add	*4.75*	
09 63 13 00-0006	SF	3/4" Thick Unglazed Clay Brick Floor	18.63	8.50
		For Basket Weave Pattern, Add	*1.82*	
		For Herringbone Pattern, Add	*2.42*	
		For Epoxy Joints, Add	*4.75*	
09 63 13 00-0007	SF	3/4" Thick Glazed Clay Brick Floor	23.48	8.50
		For Basket Weave Pattern, Add	*1.82*	
		For Herringbone Pattern, Add	*2.42*	
		For Epoxy Joints, Add	*4.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 63 13 00-0008	SF	15/16" Thick Unglazed Clay Brick Floor	20.20	8.50
		For Basket Weave Pattern, Add	*1.82*	
		For Herringbone Pattern, Add	*2.42*	
		For Epoxy Joints, Add	*4.75*	
09 63 13 00-0009	SF	15/16" Thick Glazed Clay Brick Floor	26.34	8.50
		For Basket Weave Pattern, Add	*1.82*	
		For Herringbone Pattern, Add	*2.42*	
		For Epoxy Joints, Add	*4.75*	

09 63 43 Composition Stone Flooring *(09 63)*

09 63 43 00-0001 Cupric Oxychloride Cement, Seamless Flooring System *(09 63 43)*

Note: Chemical and slip resistant. OSHA and USDA approved.

09 63 43 00-0002	SF	3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied	13.54	5.09

09 64 Wood Flooring *(09 60)*

09 64 13 Wood Flooring Underlayment *(09 64)*

09 64 13 00-0001 Wood Flooring Underlayment *(09 64 13)*

09 64 13 00-0002	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.45	
09 64 13 00-0003	SF	Heavy Weight Red Rosin Paper, Wood Flooring Underlayment	0.45	
09 64 13 00-0004	SF	30 LB, Waxed Paper, Wood Flooring Underlayment	0.47	
09 64 13 00-0005	SF	15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.48	
09 64 13 00-0006	SF	6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.47	
09 64 13 00-0007	SF	8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.50	
09 64 13 00-0008	SF	1/8" Thick, Natural Cork, Wood Flooring Underlayment	1.60	
09 64 13 00-0009	SF	1/4" Thick, Natural Cork, Wood Flooring Underlayment	1.66	
09 64 13 00-0010	SF	3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.67	
09 64 13 00-0011	SF	2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	0.79	
09 64 13 00-0012	SF	4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	0.84	
09 64 13 00-0013	SF	2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	0.99	
09 64 13 00-0014	SF	1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	1.00	

09 64 23 Wood Parquet Flooring *(09 64)*

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001 Hardwood Parquet Flooring *(09 64 23)*

09 64 23 00-0002	SF	Oak Parquet Flooring 5/16" Thick	8.52	0.97
		For Up To 20, Add	*4.02*	
		For >20 To 50, Add	*2.07*	
		For >50 To 100, Add	*1.04*	
		For >100 To 300, Add	*0.52*	

09 64 29 Wood Strip And Plank Flooring *(09 64)*

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	11.32	0.97
		For Factory Finish, Add	*0.69*	
		For Random Width Floor, Add	*2.61*	
		For Up To 20, Add	*3.67*	
		For >20 To 50, Add	*2.01*	
		For >50 To 100, Add	*1.00*	
		For >100 To 300, Add	*0.50*	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	9.36	0.97
		For Factory Finish, Add	*0.36*	
		For Random Width Floor, Add	*2.05*	
		For Up To 20, Add	*3.99*	
		For >20 To 50, Add	*2.08*	
		For >50 To 100, Add	*1.04*	
		For >100 To 300, Add	*0.52*	
09 64 29 00-0006	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	9.83	0.97
		For Factory Finish, Add	*0.41*	
		For Random Width Floor, Add	*2.17*	
		For Up To 20, Add	*4.06*	
		For >20 To 50, Add	*2.13*	
		For >50 To 100, Add	*1.07*	
		For >100 To 300, Add	*0.53*	
09 64 29 00-0007	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	10.54	0.97
		For Factory Finish, Add	*0.48*	
		For Random Width Floor, Add	*2.35*	
		For Up To 20, Add	*4.16*	
		For >20 To 50, Add	*2.20*	
		For >50 To 100, Add	*1.10*	
		For >100 To 300, Add	*0.55*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0008	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	8.16	0.97
		For Factory Finish, Add	*0.38*	
		For Random Width Floor, Add	*1.82*	
		For Up To 20, Add	*3.20*	
		For >20 To 50, Add	*1.69*	
		For >50 To 100, Add	*0.85*	
		For >100 To 300, Add	*0.42*	
09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	8.54	0.97
		For Factory Finish, Add	*0.42*	
		For Random Width Floor, Add	*1.92*	
		For Up To 20, Add	*3.25*	
		For >20 To 50, Add	*1.73*	
		For >50 To 100, Add	*0.87*	
		For >100 To 300, Add	*0.43*	
09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	9.26	0.97
		For Factory Finish, Add	*0.49*	
		For Random Width Floor, Add	*2.10*	
		For Up To 20, Add	*3.36*	
		For >20 To 50, Add	*1.80*	
		For >50 To 100, Add	*0.90*	
		For >100 To 300, Add	*0.45*	
09 64 29 00-0011		Unfinished Red Oak, Wood Strip Flooring *(09 64 29 00-0003)*		
09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	9.44	0.97
		For Factory Finish, Add	*0.37*	
		For Random Width Floor, Add	*2.07*	
		For Up To 20, Add	*4.00*	
		For >20 To 50, Add	*2.09*	
		For >50 To 100, Add	*1.05*	
		For >100 To 300, Add	*0.52*	
09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	9.91	0.97
		For Factory Finish, Add	*0.42*	
		For Random Width Floor, Add	*2.19*	
		For Up To 20, Add	*4.07*	
		For >20 To 50, Add	*2.14*	
		For >50 To 100, Add	*1.07*	
		For >100 To 300, Add	*0.53*	
09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	10.62	0.97
		For Factory Finish, Add	*0.49*	
		For Random Width Floor, Add	*2.37*	
		For Up To 20, Add	*4.18*	
		For >20 To 50, Add	*2.21*	
		For >50 To 100, Add	*1.11*	
		For >100 To 300, Add	*0.55*	
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	8.24	0.97
		For Factory Finish, Add	*0.39*	
		For Random Width Floor, Add	*1.84*	
		For Up To 20, Add	*3.21*	
		For >20 To 50, Add	*1.70*	
		For >50 To 100, Add	*0.85*	
		For >100 To 300, Add	*0.43*	
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	8.71	0.97
		For Factory Finish, Add	*0.43*	
		For Random Width Floor, Add	*1.96*	
		For Up To 20, Add	*3.28*	
		For >20 To 50, Add	*1.75*	
		For >50 To 100, Add	*0.87*	
		For >100 To 300, Add	*0.44*	
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	9.34	0.97
		For Factory Finish, Add	*0.50*	
		For Random Width Floor, Add	*2.12*	
		For Up To 20, Add	*3.37*	
		For >20 To 50, Add	*1.81*	
		For >50 To 100, Add	*0.91*	
		For >100 To 300, Add	*0.45*	
09 64 29 00-0018		Unfinished Maple, Wood Strip Flooring *(09 64 29)*		
09 64 29 00-0019		25/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*		
09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	11.17	0.97
		For Factory Finish, Add	*0.54*	
		For Random Width Floor, Add	*2.51*	
		For Up To 20, Add	*4.26*	
		For >20 To 50, Add	*2.27*	
		For >50 To 100, Add	*1.13*	
		For >100 To 300, Add	*0.57*	
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	10.38	0.97
		For Factory Finish, Add	*0.46*	
		For Random Width Floor, Add	*2.31*	
		For Up To 20, Add	*4.14*	
		For >20 To 50, Add	*2.19*	
		For >50 To 100, Add	*1.09*	
		For >100 To 300, Add	*0.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	10.13	0.97
		For Factory Finish, Add	*0.58*	
		For Random Width Floor, Add	*2.31*	
		For Up To 20, Add	*3.49*	
		For >20 To 50, Add	*1.89*	
		For >50 To 100, Add	*0.94*	
		For >100 To 300, Add	*0.47*	
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	9.34	0.97
		For Factory Finish, Add	*0.50*	
		For Random Width Floor, Add	*2.12*	
		For Up To 20, Add	*3.37*	
		For >20 To 50, Add	*1.81*	
		For >50 To 100, Add	*0.91*	
		For >100 To 300, Add	*0.45*	

09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	12.87	0.97
		For Factory Finish, Add	*0.71*	
		For Random Width Floor, Add	*2.93*	
		For Up To 20, Add	*4.51*	
		For >20 To 50, Add	*2.44*	
		For >50 To 100, Add	*1.22*	
		For >100 To 300, Add	*0.61*	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	11.82	0.97
		For Factory Finish, Add	*0.61*	
		For Random Width Floor, Add	*2.67*	
		For Up To 20, Add	*4.36*	
		For >20 To 50, Add	*2.33*	
		For >50 To 100, Add	*1.17*	
		For >100 To 300, Add	*0.58*	
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	11.93	0.97
		For Factory Finish, Add	*0.76*	
		For Random Width Floor, Add	*2.76*	
		For Up To 20, Add	*3.76*	
		For >20 To 50, Add	*2.07*	
		For >50 To 100, Add	*1.03*	
		For >100 To 300, Add	*0.52*	
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	10.88	0.97
		For Factory Finish, Add	*0.65*	
		For Random Width Floor, Add	*2.50*	
		For Up To 20, Add	*3.60*	
		For >20 To 50, Add	*1.96*	
		For >50 To 100, Add	*0.98*	
		For >100 To 300, Add	*0.49*	

09 64 29 00-0029 Prefinished Engineered Wood Flooring *(09 64 29)*

Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.

09 64 29 00-0030	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	11.04	0.97
		For Up To 20, Add	*3.38*	
		For >20 To 50, Add	*1.87*	
		For >50 To 100, Add	*0.93*	
		For >100 To 300, Add	*0.47*	
09 64 29 00-0031	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring	11.04	0.97
		For Up To 20, Add	*3.38*	
		For >20 To 50, Add	*1.87*	
		For >50 To 100, Add	*0.93*	
		For >100 To 300, Add	*0.47*	
09 64 29 00-0032	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	10.73	0.97
		For Up To 20, Add	*3.33*	
		For >20 To 50, Add	*1.84*	
		For >50 To 100, Add	*0.92*	
		For >100 To 300, Add	*0.46*	
09 64 29 00-0033	SF	1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	10.97	0.97
		For Up To 20, Add	*3.36*	
		For >20 To 50, Add	*1.86*	
		For >50 To 100, Add	*0.93*	
		For >100 To 300, Add	*0.47*	

09 64 66 Wood Athletic Flooring *(09 64)*

Note: On shims, sleepers and/or screeds. 1-1/2" or 2-1/4" widths. Excludes finish.

09 64 66 00-0001 Wood Gym/Stage/Dance Floors *(09 64 66)*

Note: Includes sanding and vent cove base. Excludes concrete repairs to subbase, thresholds, and finishing.

09 64 66 00-0002	SF	25/32" Maple Wood Gym/Stage/Dance Floor	12.80	4.87
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0003	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.	17.01	6.33
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 66 00-0004	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok)	17.91	6.33
		Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0005	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex)	19.76	6.33
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0006	SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus)	18.90	6.33
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0007	SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock)	21.55	6.33
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

09 65 Resilient Flooring *(09 60)*

See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.

09 65 13 Resilient Base And Accessories *(09 65)*

09 65 13 13 Resilient Base *(09 65 13)*

09 65 13 13-0001 Type TV Thermoplastic Vinyl Wall Base *(09 65 13 13)*
Note: Includes inside and outside corners.

09 65 13 13-0002	LF	2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	3.38	1.25
		For Up To 20, Add	*1.51*	
		For >20 To 40, Add	*0.84*	
		For >40 To 80, Add	*0.29*	
		For >240 To 960, Deduct	*-0.21*	
		For >960, Deduct	*-0.32*	
09 65 13 13-0003	LF	4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	3.71	1.25
		For Up To 20, Add	*1.56*	
		For >20 To 40, Add	*0.87*	
		For >40 To 80, Add	*0.31*	
		For >240 To 960, Deduct	*-0.25*	
		For >960, Deduct	*-0.37*	
09 65 13 13-0004	LF	6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.41	1.25
		For Up To 20, Add	*1.67*	
		For >20 To 40, Add	*0.94*	
		For >40 To 80, Add	*0.35*	
		For >240 To 960, Deduct	*-0.32*	
		For >960, Deduct	*-0.47*	

09 65 13 13-0005 Type TP Thermoplastic Rubber Wall Base *(09 65 13 13)*
Note: Includes inside and outside corners.

09 65 13 13-0006	LF	2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	3.59	1.25
		For Up To 20, Add	*1.54*	
		For >20 To 40, Add	*0.86*	
		For >40 To 80, Add	*0.31*	
		For >240 To 960, Deduct	*-0.23*	
		For >960, Deduct	*-0.35*	
09 65 13 13-0007	LF	4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	3.84	1.25
		For Up To 20, Add	*1.58*	
		For >20 To 40, Add	*0.89*	
		For >40 To 80, Add	*0.32*	
		For >240 To 960, Deduct	*-0.26*	
		For >960, Deduct	*-0.39*	
09 65 13 13-0008	LF	6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	4.52	1.25
		For Up To 20, Add	*1.68*	
		For >20 To 40, Add	*0.95*	
		For >40 To 80, Add	*0.35*	
		For >240 To 960, Deduct	*-0.33*	
		For >960, Deduct	*-0.49*	
09 65 13 13-0009	LF	2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.62	1.25
		For Up To 20, Add	*1.85*	
		For >20 To 40, Add	*1.06*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.44*	
		For >960, Deduct	*-0.65*	
09 65 13 13-0010	LF	3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.69	1.25
		For Up To 20, Add	*1.86*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.44*	
		For >960, Deduct	*-0.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0011	LF	4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	6.76	1.25
		For Up To 20, Add	*2.02*	
		For >20 To 40, Add	*1.18*	
		For >40 To 80, Add	*0.46*	
		For >240 To 960, Deduct	*-0.55*	
		For >960, Deduct	*-0.83*	
09 65 13 13-0012	LF	6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	8.90	1.25
		For Up To 20, Add	*2.34*	
		For >20 To 40, Add	*1.39*	
		For >40 To 80, Add	*0.57*	
		For >240 To 960, Deduct	*-0.76*	
		For >960, Deduct	*-1.15*	

09 65 13 13-0013 Type TS Thermoset Vulcanized Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0014	LF	2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	3.86	1.51
		For Up To 20, Add	*1.58*	
		For >20 To 40, Add	*0.89*	
		For >40 To 80, Add	*0.32*	
		For >240 To 960, Deduct	*-0.26*	
		For >960, Deduct	*-0.39*	
09 65 13 13-0015	LF	4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	3.87	1.25
		For Up To 20, Add	*1.58*	
		For >20 To 40, Add	*0.89*	
		For >40 To 80, Add	*0.32*	
		For >240 To 960, Deduct	*-0.26*	
		For >960, Deduct	*-0.39*	
09 65 13 13-0016	LF	6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.36	1.51
		For Up To 20, Add	*2.01*	
		For >20 To 40, Add	*1.14*	
		For >40 To 80, Add	*0.42*	
		For >240 To 960, Deduct	*-0.39*	
		For >960, Deduct	*-0.58*	

09 65 13 23 Resilient Stair Treads And Risers *(09 65 13)*

Note: All treads have integral nosing. Abrasive strip modifiers include either 1 or 2 strips running the length of the tread. All colors.

09 65 13 23-0001 Rubber Stair Treads and Risers *(09 65 13 23)*

09 65 13 23-0002 Raised Disc Or Other Patterned Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0003	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	15.14	2.01
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0004	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	16.29	2.16
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0005	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Raised disc or other pattern.	19.69	2.31
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0006 Smooth Surface Rubber Stair Tread *(09 65 13 23-0001)*

09 65 13 23-0007	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	14.31	2.01
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0008	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	15.32	2.16
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread Note: Smooth surface.	18.45	2.32
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	

09 65 13 23-0010 Smooth Surface Rubber Stair Riser *(09 65 13 23-0001)*

09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser	8.34	1.20

09 65 13 23-0012 Smooth, Raised Disc or Other Patterned Rubber Landing Mats *(09 65 13 23-0001)*

09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	17.54	1.86
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	20.76	2.01
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats Note: Smooth, raised disc or other patterned surface.	22.53	2.26

09 65 13 23-0016 Vinyl Stair Treads and Risers *(09 65 13 23)*

09 65 13 23-0017 Ribbed Vinyl Stair Tread *(09 65 13 23-0016)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 23-0018		LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	12.63	1.83
			For Abrasive Strip, Add	*2.75*	
09 65 13 23-0019		LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	13.92	2.01
			For Abrasive Strip, Add	*2.75*	
09 65 13 23-0020		LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	16.49	2.17
			For Abrasive Strip, Add	*2.75*	

09 65 13 23-0021 Smooth Surface Vinyl Stair Riser *(09 65 13 23-0016)*

09 65 13 23-0022		LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	7.16	1.20

09 65 13 23-0023 Rubber Stair Treads *(09 65 13 23)*

09 65 13 23-0024		LF	Stair Tread (Norament Grano)	23.33	2.17
09 65 13 23-0025		LF	Solid Stair Tread	21.27	2.17
09 65 13 23-0026		LF	Visibily Impaired (VI) Strip	7.30	2.17

09 65 13 33 Resilient Accessories *(09 65 13)*

09 65 13 33-0001 Flexible Self Leveling Cementitious Underlayments *(09 65 13 33)*

09 65 13 33-0002		SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.59	1.00
09 65 13 33-0003		SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.35	1.00

09 65 13 33-0004 Concrete Floor Prep *(09 65 13 33)*

09 65 13 33-0005		SF	Removal Of Glue From Concrete Floor Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	1.25	

09 65 13 36 Resilient Carpet Transitions *(09 65 13)*

09 65 13 36-0001 Vinyl Transition Strip *(09 65 13 36)*

09 65 13 36-0002		LF	Vinyl Transition Strip, Brown Or Black	1.87	0.90
			For Up To 20, Add	*0.78*	
			For >20 To 40, Add	*0.44*	
			For >40 To 80, Add	*0.16*	
			For >240 To 960, Deduct	*-0.12*	
			For >960, Deduct	*-0.19*	
09 65 13 36-0003		LF	Vinyl Floor Tile Reducer Strip, Brown Or Black	1.74	0.90
			For Up To 20, Add	*0.76*	
			For >20 To 40, Add	*0.42*	
			For >40 To 80, Add	*0.15*	
			For >240 To 960, Deduct	*-0.11*	
			For >960, Deduct	*-0.17*	
09 65 13 36-0004		LF	Vinyl Floor Tile Feature Strip, Brown Or Black	1.58	0.90
			For Up To 20, Add	*0.74*	
			For >20 To 40, Add	*0.41*	
			For >40 To 80, Add	*0.14*	
			For >240 To 960, Deduct	*-0.10*	
			For >960, Deduct	*-0.14*	

09 65 13 36-0005 Vinyl, Wheeled Traffic Transitions *(09 65 13 36)*

09 65 13 36-0006		LF	1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)	3.15	1.25
			For Up To 20, Add	*1.28*	
			For >20 To 40, Add	*0.72*	
			For >40 To 80, Add	*0.26*	
			For >240 To 960, Deduct	*-0.21*	
			For >960, Deduct	*-0.32*	
09 65 13 36-0007		LF	1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)	3.15	1.25
			For Up To 20, Add	*1.28*	
			For >20 To 40, Add	*0.72*	
			For >40 To 80, Add	*0.26*	
			For >240 To 960, Deduct	*-0.21*	
			For >960, Deduct	*-0.32*	
09 65 13 36-0008		LF	5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)	3.66	1.25
			For Up To 20, Add	*1.35*	
			For >20 To 40, Add	*0.77*	
			For >40 To 80, Add	*0.28*	
			For >240 To 960, Deduct	*-0.27*	
			For >960, Deduct	*-0.40*	
09 65 13 36-0009		LF	1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H)	5.45	1.25
			For Up To 20, Add	*1.62*	
			For >20 To 40, Add	*0.95*	
			For >40 To 80, Add	*0.37*	
			For >240 To 960, Deduct	*-0.44*	
			For >960, Deduct	*-0.67*	
09 65 13 36-0010		LF	1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL)	5.47	1.25
			For Up To 20, Add	*1.62*	
			For >20 To 40, Add	*0.95*	
			For >40 To 80, Add	*0.37*	
			For >240 To 960, Deduct	*-0.45*	
			For >960, Deduct	*-0.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0011	LF	1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT)	3.92	1.25
		For Up To 20, Add	*1.39*	
		For >20 To 40, Add	*0.79*	
		For >40 To 80, Add	*0.30*	
		For >240 To 960, Deduct	*-0.29*	
		For >960, Deduct	*-0.44*	
09 65 13 36-0012	LF	1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J)	5.34	1.25
		For Up To 20, Add	*1.61*	
		For >20 To 40, Add	*0.94*	
		For >40 To 80, Add	*0.37*	
		For >240 To 960, Deduct	*-0.43*	
		For >960, Deduct	*-0.65*	
09 65 13 36-0013	LF	1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL)	5.50	1.25
		For Up To 20, Add	*1.63*	
		For >20 To 40, Add	*0.95*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.45*	
		For >960, Deduct	*-0.67*	
09 65 13 36-0014	LF	3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K)	4.77	1.25
		For Up To 20, Add	*1.52*	
		For >20 To 40, Add	*0.88*	
		For >40 To 80, Add	*0.34*	
		For >240 To 960, Deduct	*-0.38*	
		For >960, Deduct	*-0.56*	
09 65 13 36-0015	LF	3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)	5.13	1.25
		For Up To 20, Add	*1.57*	
		For >20 To 40, Add	*0.92*	
		For >40 To 80, Add	*0.36*	
		For >240 To 960, Deduct	*-0.41*	
		For >960, Deduct	*-0.62*	
09 65 13 36-0016	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)	5.50	1.25
		For Up To 20, Add	*1.63*	
		For >20 To 40, Add	*0.95*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.45*	
		For >960, Deduct	*-0.67*	
09 65 13 36-0017	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N)	4.71	1.25
		For Up To 20, Add	*1.51*	
		For >20 To 40, Add	*0.87*	
		For >40 To 80, Add	*0.34*	
		For >240 To 960, Deduct	*-0.37*	
		For >960, Deduct	*-0.56*	
09 65 13 36-0018	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P)	4.12	1.25
		For Up To 20, Add	*1.42*	
		For >20 To 40, Add	*0.81*	
		For >40 To 80, Add	*0.31*	
		For >240 To 960, Deduct	*-0.31*	
		For >960, Deduct	*-0.47*	
09 65 13 36-0019	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL)	5.63	1.25
		For Up To 20, Add	*1.65*	
		For >20 To 40, Add	*0.97*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.46*	
		For >960, Deduct	*-0.69*	
09 65 13 36-0020	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	6.99	1.25
		For Up To 20, Add	*1.85*	
		For >20 To 40, Add	*1.10*	
		For >40 To 80, Add	*0.45*	
		For >240 To 960, Deduct	*-0.60*	
		For >960, Deduct	*-0.90*	
09 65 13 36-0021	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X)	4.03	1.25
		For Up To 20, Add	*1.41*	
		For >20 To 40, Add	*0.81*	
		For >40 To 80, Add	*0.30*	
		For >240 To 960, Deduct	*-0.30*	
		For >960, Deduct	*-0.45*	
09 65 13 36-0022	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y)	4.07	1.25
		For Up To 20, Add	*1.41*	
		For >20 To 40, Add	*0.81*	
		For >40 To 80, Add	*0.30*	
		For >240 To 960, Deduct	*-0.31*	
		For >960, Deduct	*-0.46*	
09 65 13 36-0023	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z)	4.50	1.25
		For Up To 20, Add	*1.48*	
		For >20 To 40, Add	*0.85*	
		For >40 To 80, Add	*0.33*	
		For >240 To 960, Deduct	*-0.35*	
		For >960, Deduct	*-0.52*	

09 65 16 Resilient Sheet Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 16 23 Vinyl Sheet Flooring *(09 65 16)*

09 65 16 23-0001 Vinyl Sheet Flooring *(09 65 16 23)*

Note: For flash cove application, add additional square foot of material to form cove base.

09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintech®)	7.06	0.75
		For Up To 40, Add	*3.41*	
		For >40 To 100, Add	*1.71*	
		For >1,000, Deduct	*-0.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintone™ Or Medley™)	5.88	0.75
		For Up To 40, Add	*3.18*	
		For >40 To 100, Add	*1.59*	
		For >1,000, Deduct	*-0.43*	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Connection Corlon®)	4.04	0.75
		For Up To 40, Add	*2.81*	
		For >40 To 100, Add	*1.41*	
		For >1,000, Deduct	*-0.25*	
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Possibilities® Petit Point™)	5.07	0.75
		For Up To 40, Add	*3.02*	
		For >40 To 100, Add	*1.51*	
		For >1,000, Deduct	*-0.35*	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring (Armstrong® Medintech Tandem®)	6.58	0.75
		For Up To 40, Add	*3.32*	
		For >40 To 100, Add	*1.66*	
		For >1,000, Deduct	*-0.50*	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring (Armstrong® Safeguard®)	8.87	0.75
		For Up To 40, Add	*3.78*	
		For >40 To 100, Add	*1.89*	
		For >1,000, Deduct	*-0.73*	

09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams *(09 65 16 23)*

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65 16 23-0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams	6.87
09 65 16 23-0010	LF	Heat Weld Patterned Vinyl Sheet Flooring Seams	7.12

09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners *(09 65 16 23)*

Note: Excludes heat welding.

09 65 16 23-0012	EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners	16.76

09 65 16 23-0013 Vinyl Sheet Flooring Accessories *(09 65 16 23)*

09 65 16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip	3.21
09 65 16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip	2.98
09 65 16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip	4.25
09 65 16 23-0017	LF	1/8" Aluminum Cove Cap	2.60

09 65 16 33 Rubber Sheet Flooring *(09 65 16)*

09 65 16 33-0001 Rubber Tile And Sheet Flooring *(09 65 16 33)*

09 65 16 33-0002	SF	2mm Tile And Roll Goods; Environcare	6.59	1.27
09 65 16 33-0003	SF	3mm Tile And Roll Goods; Environcare	7.94	1.27
09 65 16 33-0004	SF	2mm Tile And Roll Goods; Sentica	6.59	1.27
09 65 16 33-0005	SF	3mm Tile And Roll Goods; Sentica	7.94	1.27

09 65 19 Resilient Tile Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring *(09 65 19)*

09 65 19 19-0001 Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

09 65 19 19-0002	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	2.94	1.51
		For 3/32" Thick, Deduct	*-0.11*	
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.19*	
		For >20 To 40, Add	*0.67*	
		For >40 To 80, Add	*0.24*	
		For >1,000 To 3,000, Deduct	*-0.07*	
		For >3,000 To 6,000, Deduct	*-0.18*	
		For >6,000, Deduct	*-0.34*	
09 65 19 19-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	2.94	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.19*	
		For >20 To 40, Add	*0.67*	
		For >40 To 80, Add	*0.24*	
		For >1,000 To 3,000, Deduct	*-0.07*	
		For >3,000 To 6,000, Deduct	*-0.18*	
		For >6,000, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0004	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®)	2.94	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.19*	
		For >20 To 40, Add	*0.67*	
		For >40 To 80, Add	*0.24*	
		For >1,000 To 3,000, Deduct	*-0.07*	
		For >3,000 To 6,000, Deduct	*-0.18*	
		For >6,000, Deduct	*-0.34*	
09 65 19 19-0005	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™)	3.98	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.34*	
		For >20 To 40, Add	*0.77*	
		For >40 To 80, Add	*0.29*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.22*	
		For >6,000, Deduct	*-0.41*	
09 65 19 19-0006	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®)	3.99	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.34*	
		For >20 To 40, Add	*0.77*	
		For >40 To 80, Add	*0.29*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.22*	
		For >6,000, Deduct	*-0.41*	
09 65 19 19-0007	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®)	4.18	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.37*	
		For >20 To 40, Add	*0.79*	
		For >40 To 80, Add	*0.30*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.42*	
09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	4.22	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.38*	
		For >20 To 40, Add	*0.79*	
		For >40 To 80, Add	*0.30*	
		For >1,000 To 3,000, Deduct	*-0.09*	
		For >3,000 To 6,000, Deduct	*-0.23*	
		For >6,000, Deduct	*-0.42*	
09 65 19 19-0009	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™)	4.34	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.40*	
		For >20 To 40, Add	*0.81*	
		For >40 To 80, Add	*0.31*	
		For >1,000 To 3,000, Deduct	*-0.10*	
		For >3,000 To 6,000, Deduct	*-0.24*	
		For >6,000, Deduct	*-0.43*	
09 65 19 19-0010	SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	5.47	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.56*	
		For >20 To 40, Add	*0.92*	
		For >40 To 80, Add	*0.37*	
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.28*	
		For >6,000, Deduct	*-0.50*	
09 65 19 19-0011	SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™)	5.91	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.63*	
		For >20 To 40, Add	*0.96*	
		For >40 To 80, Add	*0.39*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.30*	
		For >6,000, Deduct	*-0.52*	
09 65 19 19-0012	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	10.37	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*2.30*	
		For >20 To 40, Add	*1.41*	
		For >40 To 80, Add	*0.61*	
		For >1,000 To 3,000, Deduct	*-0.22*	
		For >3,000 To 6,000, Deduct	*-0.48*	
		For >6,000, Deduct	*-0.79*	
09 65 19 19-0013	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Mannington® Colorpoint®)	5.36	1.51
		For Extra Stock, Material Only, Deduct	*-1.77*	
		For Up To 20, Add	*1.55*	
		For >20 To 40, Add	*0.91*	
		For >40 To 80, Add	*0.36*	
		For >1,000 To 3,000, Deduct	*-0.12*	
		For >3,000 To 6,000, Deduct	*-0.28*	
		For >6,000, Deduct	*-0.49*	

09 65 19 23 Vinyl Tile Flooring *(09 65 19)*

09 65 19 23-0001 Vinyl Tile *(09 65 19 23)*
Note: Any size.

09 65 19 23-0002 Solid Vinyl Tile (SVT) *(09 65 19 23-0001)*
Note: The following solid vinyl tiles are certified to ASTM F 1700.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0003		SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande)	6.78	1.51
			For Up To 20, Add	*2.05*	
			For >20 To 40, Add	*1.19*	
			For >40 To 80, Add	*0.47*	
			For >1,000 To 3,000, Deduct	*-0.15*	
			For >3,000 To 6,000, Deduct	*-0.36*	
			For >6,000, Deduct	*-0.64*	
09 65 19 23-0004		SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors)	6.93	1.51
			For Up To 20, Add	*2.07*	
			For >20 To 40, Add	*1.21*	
			For >40 To 80, Add	*0.48*	
			For >1,000 To 3,000, Deduct	*-0.15*	
			For >3,000 To 6,000, Deduct	*-0.37*	
			For >6,000, Deduct	*-0.65*	
09 65 19 23-0005		SF	1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	7.04	1.51
			For Up To 20, Add	*2.09*	
			For >20 To 40, Add	*1.22*	
			For >40 To 80, Add	*0.48*	
			For >1,000 To 3,000, Deduct	*-0.15*	
			For >3,000 To 6,000, Deduct	*-0.37*	
			For >6,000, Deduct	*-0.65*	
09 65 19 23-0006			Luxury Vinyl Tile (LVT) *(09 65 19 23-0001)*		
09 65 19 23-0007		SF	2.5mm Thick, Luxury Vinyl Tile (LVT) (Mannington Amtico)	9.37	1.51
			For >40 To 80, Add	*0.60*	
			For >1,000 To 3,000, Deduct	*-0.20*	
			For >3,000 To 6,000, Deduct	*-0.47*	
			For >6,000, Deduct	*-0.79*	

09 65 19 33 Rubber Tile Flooring *(09 65 19)*

09 65 19 33-0001			Rubber Tile Flooring *(09 65 19 33)*		
09 65 19 33-0002		SF	3.5mm, 39.3" Square Tile (Norament XP)	10.42	1.27
09 65 19 33-0003		SF	3.5mm, 39.3" Square Tile (Norament Grano)	9.81	1.27
09 65 19 33-0004		SF	3.5mm, 39.3" Square Tile (Norament Satura)	9.81	1.27
09 65 19 33-0005			Rubber Tile *(09 65 19 33)*		
09 65 19 33-0006			Rubber Tile With Raised Discs, Assorted Colors *(09 65 19 33-0005)*		
09 65 19 33-0007		SF	1/8" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	13.92	0.90
			For Up To 20, Add	*2.83*	
			For >20 To 40, Add	*1.76*	
			For >40 To 100, Add	*0.79*	
09 65 19 33-0008		SF	3/16" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	16.79	1.00
			For Up To 20, Add	*3.32*	
			For >20 To 40, Add	*2.08*	
			For >40 To 100, Add	*0.94*	
09 65 19 33-0009		SF	7/32" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	18.73	1.20
			For Up To 20, Add	*3.77*	
			For >20 To 40, Add	*2.36*	
			For >40 To 100, Add	*1.06*	

09 65 19 43 Polyester Composition Tile Flooring *(09 65 19)*

09 65 19 43-0001			Polyester Composition Floor Tile *(09 65 19 43)* Note: Any size.		
09 65 19 43-0002		SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®)	4.04	1.51
			For Extra Stock, Material Only, Deduct	*-1.77*	
			For Up To 20, Add	*1.35*	
			For >20 To 40, Add	*0.78*	
			For >40 To 80, Add	*0.30*	
			For >1,000 To 3,000, Deduct	*-0.09*	
			For >3,000 To 6,000, Deduct	*-0.23*	
			For >6,000, Deduct	*-0.41*	
09 65 19 43-0003		SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	4.51	1.51
			For Extra Stock, Material Only, Deduct	*-1.77*	
			For Up To 20, Add	*1.42*	
			For >20 To 40, Add	*0.82*	
			For >40 To 80, Add	*0.32*	
			For >1,000 To 3,000, Deduct	*-0.10*	
			For >3,000 To 6,000, Deduct	*-0.25*	
			For >6,000, Deduct	*-0.44*	

09 65 23 Resilient Plank Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 23 00-0001			Vinyl Plank Flooring *(09 65 23)*		
09 65 23 00-0002		SF	0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	5.45	0.75
			For Up To 40, Add	*3.09*	
			For >40 To 100, Add	*1.55*	
			For >1,000, Deduct	*-0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 23 00-0003	SF	0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	6.71	0.75
		For Up To 40, Add	*3.34*	
		For >40 To 100, Add	*1.67*	
		For >1,000, Deduct	*-0.52*	
09 65 23 00-0004	SF	0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™)	7.49	0.75
		For Up To 40, Add	*3.50*	
		For >40 To 100, Add	*1.75*	
		For >1,000, Deduct	*-0.60*	

09 65 43 Linoleum Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 43 00-0001 Linoleum Flooring *(09 65 43)*

09 65 43 00-0002	SF	Linoleum Tile (Forbo Marmoleum Composition Tile, Armstrong)	5.19	1.51
		For Up To 20, Add	*1.81*	
		For >20 To 40, Add	*1.03*	
		For >40 To 100, Add	*0.39*	
09 65 43 00-0003	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real)	6.70	0.75
09 65 43 00-0004	SF	> 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real)	6.19	0.75
09 65 43 00-0005	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato)	6.94	0.75
09 65 43 00-0006	SF	> 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato)	6.48	0.75
09 65 43 00-0007	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette)	6.94	0.75
09 65 43 00-0008	SF	> 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette)	6.28	0.75
09 65 43 00-0009	SF	Up To 76 SY 2.5mm, Linoleum Sheet (Uni Walton)	8.47	0.75
09 65 43 00-0010	SF	> 76 SY 2.5mm, Linoleum Sheet (Uni Walton)	7.81	0.75
09 65 43 00-0011	LF	Heat Weld Linoleum Sheet Flooring Seams Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.	6.87	

09 65 66 Resilient Athletic Flooring *(09 65)*

09 65 66 00-0001 Sheet Goods For Gym *(09 65 66)*

09 65 66 00-0002	SF	1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	7.40	3.01
09 65 66 00-0003	SF	9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	7.79	3.11
09 65 66 00-0004	SF	3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	8.07	3.21
09 65 66 00-0005	SF	1/8" Rubber Sheet Good For Gym Floor Base	4.99	2.46
09 65 66 00-0006	SF	3/16" Rubber Sheet Good For Gym Floor Base	5.64	2.81
09 65 66 00-0007	SF	1/4" Rubber Sheet Good For Gym Floor Base	6.49	3.01
09 65 66 00-0008	SF	3/8" Rubber Sheet Good For Gym Floor Base	7.12	3.21
09 65 66 00-0009	SF	1/2" Rubber Sheet Good For Gym Floor Base	7.54	3.41

09 65 66 00-0010 Interlocking Rubber Flooring *(09 65 66)*

09 65 66 00-0011	SF	3/8" Interlocking Rubber Athletic Flooring With Raised Square Pattern (Pawling HL-155) Note: Black with hidden or exposed locks.	24.00	0.70
		For Colors, Add	*2.88*	
09 65 66 00-0012	SF	9/16" Interlocking Rubber Athletic Flooring With Raised Square Pattern (Pawling HL-100) Note: Black with hidden or exposed locks.	36.79	0.70
		For Colors, Add	*4.47*	
09 65 66 00-0013	SF	7/16" Interlocking Rubber Athletic Flooring With Raised Square Pattern (Pawling PL-100) Note: Black with hidden or exposed locks.	21.43	0.70
		For Colors, Add	*2.55*	
09 65 66 00-0014	SF	9/16" Interlocking Rubber Athletic Flooring With Raised Square Pattern (Pawling PL-200) Note: Black with hidden or exposed locks.	25.63	0.70
		For Colors, Add	*3.08*	
09 65 66 00-0015	SF	7/16" Interlocking Rubber Athletic Flooring With Raised Square Pattern (Pawling FL-150) Note: Black with hidden or exposed locks.	21.43	0.70
		For Colors, Add	*2.55*	
09 65 66 00-0016	SF	3/8" Interlocking Rubber Tile Flooring	4.34	0.70
09 65 66 00-0017	SF	7/16" Interlocking Rubber Tile Flooring	4.81	0.80
09 65 66 00-0018	SF	1/2" Interlocking Rubber Tile Flooring	5.04	0.88
09 65 66 00-0019	SF	5/8" Interlocking Rubber Tile Flooring	5.37	1.05
09 65 66 00-0020	SF	3/4" Interlocking Rubber Tile Flooring	7.90	1.41
09 65 66 00-0021	SF	1" Interlocking Rubber Tile Flooring	10.26	1.71

09 65 66 00-0022 Polyurethane Floor Systems *(09 65 66)*

See CSI section 09 93 23 53-0015 for game lines.

09 65 66 00-0023	SF	9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	17.06	2.01

09 66 Terrazzo Flooring *(09 60)*

09 66 13 Portland Cement Terrazzo Flooring *(09 66)*

Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.

09 66 13 13 Sand Cushion Terrazzo Flooring *(09 66 13)*

09 66 13 13-0001 Floors Not Bonded To Concrete *(09 66 13 13)*

Note: 3" Thick - 5/8" topping and 1/4" sand cushion.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 13-0002		SF	Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	28.28	2.47
			For Venetian Type Terrazzo, Add	*7.55*	
			For Abrasive Heavy Duty Terrazzo, Add	*7.55*	
			For Colors, Add	*3.78*	
			For Up To 100, Add	*6.78*	
			For >100 To 250, Add	*3.39*	
09 66 13 13-0003		SF	Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	28.42	2.47
			For Venetian Type Terrazzo, Add	*7.62*	
			For Abrasive Heavy Duty Terrazzo, Add	*7.62*	
			For Colors, Add	*3.81*	
			For Up To 100, Add	*6.80*	
			For >100 To 250, Add	*3.40*	

09 66 13 16 Monolithic Terrazzo Flooring *(09 66 13)*

09 66 13 16-0001 Monolithic Terrazzo *(09 66 13 16)*

09 66 13 16-0002		SF	Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4'-5' Square Panels Topping (Including Mesh And Felt)	15.78	2.47
			For Venetian Type Terrazzo, Add	*5.50*	
			For Abrasive Heavy Duty Terrazzo, Add	*5.50*	
			For Colors, Add	*2.75*	
			For Up To 100, Add	*3.02*	
			For >100 To 250, Add	*1.51*	

09 66 13 19 Bonded Terrazzo Flooring *(09 66 13)*

09 66 13 19-0001 Floors Bonded To Concrete *(09 66 13 19)*

Note: 1-3/4" Thick - 5/8" topping.

09 66 13 19-0002		SF	Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	22.59	2.47
			For Venetian Type Terrazzo, Add	*6.23*	
			For Abrasive Heavy Duty Terrazzo, Add	*6.23*	
			For Colors, Add	*3.12*	
			For Up To 100, Add	*5.30*	
			For >100 To 250, Add	*2.65*	
09 66 13 19-0003		SF	Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping	22.73	2.47
			For Venetian Type Terrazzo, Add	*6.30*	
			For Abrasive Heavy Duty Terrazzo, Add	*6.30*	
			For Colors, Add	*3.15*	
			For Up To 100, Add	*5.31*	
			For >100 To 250, Add	*2.66*	

09 66 13 19-0004 Terrazzo Wainscot *(09 66 13 19)*

09 66 13 19-0005		SF	1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry	30.01	3.29
			For Venetian Type Terrazzo, Add	*4.03*	

09 66 13 19-0006 Terrazzo Base *(09 66 13 19)*

09 66 13 19-0007		SF	6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry	32.11	2.61
			For Venetian Type Terrazzo, Add	*8.80*	

09 66 13 19-0008 Terrazzo Curb *(09 66 13 19)*

09 66 13 19-0009		LF	6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	81.52	17.42
			For Venetian Type Terrazzo, Add	*11.73*	

09 66 13 19-0010 Stairs Cast In Place *(09 66 13 19)*

Note: Topping applied to concrete or metal.

09 66 13 19-0011		LF	1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal	30.54	4.94
			For Each SF Of Abrasive Surface Finish, Add	*0.35*	
			For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
			For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
			For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0012		LF	Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal	75.98	16.47
			For Each SF Of Abrasive Surface Finish, Add	*0.35*	
			For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
			For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
			For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0013		SF	Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal	30.99	4.94
			For Each SF Of Abrasive Surface Finish, Add	*0.35*	
			For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
			For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
			For Each SF Of Landings, Add	*1.50*	

09 66 13 19-0014 Divider Strips *(09 66 13 19)*

09 66 13 19-0015		LF	1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip	4.09	0.83
09 66 13 19-0016		LF	1-1/4" Deep, 14 Gauge, Brass, Divider Strip	4.31	0.83
09 66 13 19-0017		LF	1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	6.26	0.83
09 66 13 19-0018		LF	1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip	9.04	0.83
09 66 13 19-0019		LF	1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors	3.97	0.83
09 66 13 19-0020		LF	1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors	5.73	0.83
09 66 13 19-0021		LF	Vinyl Plastic, Divider Strip For Floor	3.82	0.83

09 66 16 Terrazzo Floor Tile *(09 66)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13		**Portland Cement Terrazzo Floor Tile** *(09 66 16)*		
09 66 16 13-0001		Flooring Tiles *(09 66 16 13)*		
		Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
09 66 16 13-0002		Terrazzo Tiles With Non Slip Surface *(09 66 16 13-0001)*		
09 66 16 13-0003	SF	9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	26.87	2.54
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0004	SF	12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile	27.38	2.54
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0005	SF	12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	31.66	2.54
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0006	SF	18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	33.75	2.54
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0007	SF	24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile	35.20	2.54
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0008		Terrazzo Tile Thin Set *(09 66 16 13-0001)*		
09 66 16 13-0009	SF	Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	26.55	2.54
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0010	SF	Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed	28.27	2.54
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0011		Thin Set Terrazzo Wainscot *(09 66 16 13-0001)*		
09 66 16 13-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	40.83	5.23
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	46.56	5.23
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0014		Thin Set Terrazzo Base, Gray Cement *(09 66 16 13-0001)*		
09 66 16 13-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	13.64	2.61
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	15.23	2.61
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	15.88	2.61
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	16.68	2.61
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0019		Terrazzo Curbs *(09 66 16 13-0001)*		
09 66 16 13-0020	LF	8" x 8" Curb, Terrazzo Tile	27.37	3.48
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0021	LF	6" x 6" Curb, Terrazzo Tile	26.57	3.48
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0022		Precast Terrazzo Stair Treads 12" Wide *(09 66 16 13-0001)*		
09 66 16 13-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	66.14	3.48
09 66 16 13-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface	56.58	3.48
09 66 16 13-0025	LF	2" Precast Terrazzo Straight Stair Tread	50.20	3.48
09 66 16 13-0026	LF	2" Precast Terrazzo Curved Stair Tread	58.77	3.48
09 66 16 13-0027		Stair Risers, 1" Thick To 6" High, Straight *(09 66 16 13-0001)*		
09 66 16 13-0028	LF	1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	30.01	2.61
09 66 16 13-0029	LF	1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	34.79	2.61
09 66 16 13-0030		Stair Risers, 1" Thick To 6" High, Curved *(09 66 16 13-0001)*		
09 66 16 13-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	44.15	2.61
09 66 16 13-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set	47.33	2.61
09 66 16 13-0033		Tread And Riser *(09 66 16 13)*		
09 66 16 13-0034		Stair Stringers, Notched For Treads And Risers *(09 66 16 13-0033)*		
09 66 16 13-0035	LF	1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	73.99	6.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0036	LF	2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	89.29	6.97
09 66 16 13-0037		Structural Non-Slip Landings *(09 66 16 13-0033)*		
09 66 16 13-0038	SF	1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip	53.26	3.48
09 66 16 13-0039	SF	3" Thick Precast Terrazzo Stair Landing Structural, Non Slip	65.53	3.48
09 66 16 13-0040		Combined Tread And Riser *(09 66 16 13-0033)*		
09 66 16 13-0041		Straight Sections *(09 66 16 13-0040)*		
09 66 16 13-0042	LF	Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section	116.07	6.97
09 66 16 13-0043	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section	138.39	6.97
09 66 16 13-0044		Curved Sections *(09 66 16 13-0040)*		
09 66 16 13-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section	145.40	6.97
09 66 16 13-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section	183.66	6.97

09 66 23 Resinous Matrix Terrazzo Flooring *(09 66)*

09 66 23 16 Epoxy-Resin Terrazzo Flooring *(09 66 23)*

09 66 23 16-0001		Epoxy Terrazzo *(09 66 23 16)*		
09 66 23 16-0002	SF	Chemical Resistant Epoxy Terrazzo, 1/4" Thick	21.61	2.47

09 66 33 Conductive Terrazzo Flooring *(09 66)*

Note: For anti-static areas.

09 66 33 13 Conductive Epoxy-Resin Terrazzo *(09 66 33)*

09 66 33 13-0001	SF	Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial	22.96	4.35
09 66 33 13-0002	SF	Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial	41.78	4.35

09 66 33 16 Conductive Polyester-Resin Terrazzo Flooring *(09 66 33)*

09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial	17.55	4.35
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial	30.15	4.35

09 66 33 19 Conductive Plastic-Matrix Terrazzo Flooring *(09 66 33)*

09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial	19.61	4.35
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial	37.63	4.35
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial	28.45	4.35
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial	32.30	4.35

09 67 Fluid-Applied Flooring *(09 60)*

09 67 16 Epoxy-Marble Chip Flooring *(09 67)*

09 67 16 00-0001		Epoxy Marble Chip Flooring *(09 67 16)*		
09 67 16 00-0002	SF	Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base	12.39	2.47
		For Skid Resistant Abrasive Sand Finish, Add	*0.05*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.05*	
09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy	13.08	2.47
		For Skid Resistant Abrasive Sand Finish, Add	*0.06*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.06*	

09 67 29 Epoxy Flooring *(09 67)*

09 67 29 00-0001		Epoxy Flooring *(09 67 29)* Note: Includes primer and topcoats (assorted colors), existing floor preparation of sand or bead blasting, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes.		
09 67 29 00-0002	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/16" Heavy Duty (6,000 - 7,500 PSI)	10.56	5.60
		For Skid Resistant Abrasive Sand Finish, Add	*0.04*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.04*	
		For Up To 500, Add	*1.98*	
		For >500 To 1,000, Add	*1.25*	
		For >1,000 To 2,000, Add	*0.63*	
09 67 29 00-0003	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/16", Chemical Resistant (10,000 - 12,000 PSI)	15.36	5.60
		For Skid Resistant Abrasive Sand Finish, Add	*0.09*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.09*	
		For Up To 500, Add	*3.18*	
		For >500 To 1,000, Add	*1.97*	
		For >1,000 To 2,000, Add	*0.99*	
09 67 29 00-0004	SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4" Heavy Duty (6,000 - 7,500 PSI)	11.95	6.26
		For Skid Resistant Abrasive Sand Finish, Add	*0.04*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.04*	
		For Up To 500, Add	*2.23*	
		For >500 To 1,000, Add	*1.42*	
		For >1,000 To 2,000, Add	*0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 67 29 00-0005	SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4", Chemical Resistant (10,000 - 12,000 PSI)	17.45	6.26
		For Skid Resistant Abrasive Sand Finish, Add	*0.10*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.10*	
		For Up To 500, Add	*3.61*	
		For >500 To 1,000, Add	*2.24*	
		For >1,000 To 2,000, Add	*1.12*	
09 67 29 00-0006	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/8" Heavy Duty (6,000 - 7,500 PSI)	13.36	6.99
		For Skid Resistant Abrasive Sand Finish, Add	*0.05*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.05*	
		For Up To 500, Add	*2.52*	
		For >500 To 1,000, Add	*1.59*	
		For >1,000 To 2,000, Add	*0.80*	
09 67 29 00-0007	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/8", Chemical Resistant (10,000 - 12,000 PSI)	19.20	6.99
		For Skid Resistant Abrasive Sand Finish, Add	*0.11*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.11*	
		For Up To 500, Add	*3.98*	
		For >500 To 1,000, Add	*2.47*	
		For >1,000 To 2,000, Add	*1.23*	

09 68 Carpeting *(09 60)*

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting *(09 68)*

09 68 13 00-0001 Tufted Carpet Tile With Fiberglass Reinforced Backing *(09 68 13)*

Note: Includes glue (Lees ICT Backing System)

09 68 13 00-0002 Non-Patterned Carpet Tiles *(09 68 13 00-0001)*

09 68 13 00-0003	SY	18 Ounce, Non Patterned, Nylon Carpet Tile	35.99	6.04
		For >200 To 400, Deduct	*-0.42*	
		For >400 To 600, Deduct	*-0.64*	
		For >600 To 900, Deduct	*-1.28*	
		For >900 To 1,500, Deduct	*-1.93*	
		For >1,500 To 2,200, Deduct	*-2.86*	
		For >2,200 To 3,500, Deduct	*-3.76*	
		For >3,500, Deduct	*-4.66*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0004	SY	20 Ounce, Non Patterned, Nylon Carpet Tile	37.27	6.04
		For >200 To 400, Deduct	*-0.45*	
		For >400 To 600, Deduct	*-0.67*	
		For >600 To 900, Deduct	*-1.35*	
		For >900 To 1,500, Deduct	*-2.02*	
		For >1,500 To 2,200, Deduct	*-2.99*	
		For >2,200 To 3,500, Deduct	*-3.92*	
		For >3,500, Deduct	*-4.85*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0005	SY	22 Ounce, Non Patterned, Nylon Carpet Tile	41.35	6.04
		For >200 To 400, Deduct	*-0.53*	
		For >400 To 600, Deduct	*-0.80*	
		For >600 To 900, Deduct	*-1.55*	
		For >900 To 1,500, Deduct	*-2.30*	
		For >1,500 To 2,200, Deduct	*-3.40*	
		For >2,200 To 3,500, Deduct	*-4.43*	
		For >3,500, Deduct	*-5.46*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0006	SY	24 Ounce, Non Patterned, Nylon Carpet Tile	45.33	6.04
		For >200 To 400, Deduct	*-0.61*	
		For >400 To 600, Deduct	*-0.92*	
		For >600 To 900, Deduct	*-1.75*	
		For >900 To 1,500, Deduct	*-2.58*	
		For >1,500 To 2,200, Deduct	*-3.79*	
		For >2,200 To 3,500, Deduct	*-4.93*	
		For >3,500, Deduct	*-6.06*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0007	SY	26 Ounce, Non Patterned, Nylon Carpet Tile	47.66	6.04
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-0.99*	
		For >600 To 900, Deduct	*-1.87*	
		For >900 To 1,500, Deduct	*-2.74*	
		For >1,500 To 2,200, Deduct	*-4.03*	
		For >2,200 To 3,500, Deduct	*-5.22*	
		For >3,500, Deduct	*-6.41*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0008	SY	28 Ounce, Non Patterned, Nylon Carpet Tile	50.04	6.04
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.06*	
		For >600 To 900, Deduct	*-1.98*	
		For >900 To 1,500, Deduct	*-2.91*	
		For >1,500 To 2,200, Deduct	*-4.26*	
		For >2,200 To 3,500, Deduct	*-5.52*	
		For >3,500, Deduct	*-6.77*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0009	SY	30 Ounce, Non Patterned, Nylon Carpet Tile	50.74	6.04
		For >200 To 400, Deduct	*-0.72*	
		For >400 To 600, Deduct	*-1.08*	
		For >600 To 900, Deduct	*-2.02*	
		For >900 To 1,500, Deduct	*-2.96*	
		For >1,500 To 2,200, Deduct	*-4.33*	
		For >2,200 To 3,500, Deduct	*-5.60*	
		For >3,500, Deduct	*-6.87*	
		For Cushion Backed Tile, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0010	SY	32 Ounce, Non Patterned, Nylon Carpet Tile	51.19	6.04
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.09*	
		For >600 To 900, Deduct	*-2.04*	
		For >900 To 1,500, Deduct	*-2.99*	
		For >1,500 To 2,200, Deduct	*-4.38*	
		For >2,200 To 3,500, Deduct	*-5.66*	
		For >3,500, Deduct	*-6.94*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0011	SY	34 Ounce, Non Patterned, Nylon Carpet Tile	51.56	6.04
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.06*	
		For >900 To 1,500, Deduct	*-3.02*	
		For >1,500 To 2,200, Deduct	*-4.42*	
		For >2,200 To 3,500, Deduct	*-5.71*	
		For >3,500, Deduct	*-6.99*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0012	SY	36 Ounce, Non Patterned, Nylon Carpet Tile	52.83	6.04
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.14*	
		For >600 To 900, Deduct	*-2.12*	
		For >900 To 1,500, Deduct	*-3.11*	
		For >1,500 To 2,200, Deduct	*-4.54*	
		For >2,200 To 3,500, Deduct	*-5.86*	
		For >3,500, Deduct	*-7.19*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0013	SY	38 Ounce, Non Patterned, Nylon Carpet Tile	55.35	6.04
		For >200 To 400, Deduct	*-0.81*	
		For >400 To 600, Deduct	*-1.22*	
		For >600 To 900, Deduct	*-2.25*	
		For >900 To 1,500, Deduct	*-3.28*	
		For >1,500 To 2,200, Deduct	*-4.80*	
		For >2,200 To 3,500, Deduct	*-6.18*	
		For >3,500, Deduct	*-7.56*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0014	SY	40 Ounce, Non Patterned, Nylon Carpet Tile	58.05	6.04
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.30*	
		For >600 To 900, Deduct	*-2.38*	
		For >900 To 1,500, Deduct	*-3.47*	
		For >1,500 To 2,200, Deduct	*-5.07*	
		For >2,200 To 3,500, Deduct	*-6.52*	
		For >3,500, Deduct	*-7.97*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0015	SY	42 Ounce, Non Patterned, Nylon Carpet Tile	63.24	6.04
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.45*	
		For >600 To 900, Deduct	*-2.64*	
		For >900 To 1,500, Deduct	*-3.84*	
		For >1,500 To 2,200, Deduct	*-5.58*	
		For >2,200 To 3,500, Deduct	*-7.17*	
		For >3,500, Deduct	*-8.75*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0016	SY	Installation Of Owner Provided Non Patterned Carpet Tiles	14.52	

09 68 13 00-0017 Patterned Carpet Tiles *(09 68 13 00-0001)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 13 00-0018	SY	15 Ounce, Patterned, Nylon Carpet Tile	37.09	6.04
		For >200 To 400, Deduct	*-0.42*	
		For >400 To 600, Deduct	*-0.62*	
		For >600 To 900, Deduct	*-1.29*	
		For >900 To 1,500, Deduct	*-1.95*	
		For >1,500 To 2,200, Deduct	*-2.90*	
		For >2,200 To 3,500, Deduct	*-3.82*	
		For >3,500, Deduct	*-4.75*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0019	SY	18 Ounce, Patterned, Nylon Carpet Tile	37.77	6.04
		For >200 To 400, Deduct	*-0.43*	
		For >400 To 600, Deduct	*-0.65*	
		For >600 To 900, Deduct	*-1.32*	
		For >900 To 1,500, Deduct	*-1.99*	
		For >1,500 To 2,200, Deduct	*-2.96*	
		For >2,200 To 3,500, Deduct	*-3.91*	
		For >3,500, Deduct	*-4.85*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0020	SY	20 Ounce, Patterned, Nylon Carpet Tile	39.08	6.04
		For >200 To 400, Deduct	*-0.46*	
		For >400 To 600, Deduct	*-0.68*	
		For >600 To 900, Deduct	*-1.38*	
		For >900 To 1,500, Deduct	*-2.09*	
		For >1,500 To 2,200, Deduct	*-3.10*	
		For >2,200 To 3,500, Deduct	*-4.07*	
		For >3,500, Deduct	*-5.05*	
		For Cushion Backed Tile, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0021	SY	22 Ounce, Patterned, Nylon Carpet Tile	43.22	6.04
		For >200 To 400, Deduct	*-0.54*	
		For >400 To 600, Deduct	*-0.81*	
		For >600 To 900, Deduct	*-1.59*	
		For >900 To 1,500, Deduct	*-2.38*	
		For >1,500 To 2,200, Deduct	*-3.51*	
		For >2,200 To 3,500, Deduct	*-4.59*	
		For >3,500, Deduct	*-5.67*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0022	SY	24 Ounce, Patterned, Nylon Carpet Tile	47.26	6.04
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.93*	
		For >600 To 900, Deduct	*-1.79*	
		For >900 To 1,500, Deduct	*-2.66*	
		For >1,500 To 2,200, Deduct	*-3.91*	
		For >2,200 To 3,500, Deduct	*-5.09*	
		For >3,500, Deduct	*-6.28*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0023	SY	26 Ounce, Patterned, Nylon Carpet Tile	49.62	6.04
		For >200 To 400, Deduct	*-0.67*	
		For >400 To 600, Deduct	*-1.00*	
		For >600 To 900, Deduct	*-1.91*	
		For >900 To 1,500, Deduct	*-2.82*	
		For >1,500 To 2,200, Deduct	*-4.15*	
		For >2,200 To 3,500, Deduct	*-5.39*	
		For >3,500, Deduct	*-6.63*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0024	SY	28 Ounce, Patterned, Nylon Carpet Tile	52.04	6.04
		For >200 To 400, Deduct	*-0.72*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-2.03*	
		For >900 To 1,500, Deduct	*-2.99*	
		For >1,500 To 2,200, Deduct	*-4.39*	
		For >2,200 To 3,500, Deduct	*-5.69*	
		For >3,500, Deduct	*-6.99*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0025	SY	30 Ounce, Patterned, Nylon Carpet Tile	52.75	6.04
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.09*	
		For >600 To 900, Deduct	*-2.07*	
		For >900 To 1,500, Deduct	*-3.04*	
		For >1,500 To 2,200, Deduct	*-4.46*	
		For >2,200 To 3,500, Deduct	*-5.78*	
		For >3,500, Deduct	*-7.10*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0026	SY	32 Ounce, Patterned, Nylon Carpet Tile	53.20	6.04
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.11*	
		For >600 To 900, Deduct	*-2.09*	
		For >900 To 1,500, Deduct	*-3.07*	
		For >1,500 To 2,200, Deduct	*-4.51*	
		For >2,200 To 3,500, Deduct	*-5.84*	
		For >3,500, Deduct	*-7.17*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0027	SY	34 Ounce, Patterned, Nylon Carpet Tile	53.58	6.04
		For >200 To 400, Deduct	*-0.75*	
		For >400 To 600, Deduct	*-1.12*	
		For >600 To 900, Deduct	*-2.11*	
		For >900 To 1,500, Deduct	*-3.10*	
		For >1,500 To 2,200, Deduct	*-4.55*	
		For >2,200 To 3,500, Deduct	*-5.88*	
		For >3,500, Deduct	*-7.22*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0028	SY	36 Ounce, Patterned, Nylon Carpet Tile	54.87	6.04
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.16*	
		For >600 To 900, Deduct	*-2.17*	
		For >900 To 1,500, Deduct	*-3.19*	
		For >1,500 To 2,200, Deduct	*-4.67*	
		For >2,200 To 3,500, Deduct	*-6.05*	
		For >3,500, Deduct	*-7.42*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0029	SY	38 Ounce, Patterned, Nylon Carpet Tile	57.42	6.04
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.23*	
		For >600 To 900, Deduct	*-2.30*	
		For >900 To 1,500, Deduct	*-3.37*	
		For >1,500 To 2,200, Deduct	*-4.93*	
		For >2,200 To 3,500, Deduct	*-6.36*	
		For >3,500, Deduct	*-7.80*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0030	SY	40 Ounce, Patterned, Nylon Carpet Tile	60.17	6.04
		For >200 To 400, Deduct	*-0.88*	
		For >400 To 600, Deduct	*-1.32*	
		For >600 To 900, Deduct	*-2.44*	
		For >900 To 1,500, Deduct	*-3.56*	
		For >1,500 To 2,200, Deduct	*-5.20*	
		For >2,200 To 3,500, Deduct	*-6.71*	
		For >3,500, Deduct	*-8.21*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0031	SY	42 Ounce, Patterned, Nylon Carpet Tile	65.44	6.04
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.48*	
		For >600 To 900, Deduct	*-2.70*	
		For >900 To 1,500, Deduct	*-3.93*	
		For >1,500 To 2,200, Deduct	*-5.73*	
		For >2,200 To 3,500, Deduct	*-7.37*	
		For >3,500, Deduct	*-9.00*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0032	SY	Installation Of Owner Provided Patterned Carpet Tiles	16.67	

09 68 13 00-0033 ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series) *(09 68 13 00-0001)*

Note: Includes conductive ESD releasable adhesive and grounding clips.

09 68 13 00-0034	SY	24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series)	64.58	6.04
		For >200 To 400, Deduct	*-0.97*	
		For >400 To 600, Deduct	*-1.45*	
		For >600 To 900, Deduct	*-2.66*	
		For >900 To 1,500, Deduct	*-3.87*	
		For >1,500 To 2,200, Deduct	*-5.65*	
		For >2,200 To 3,500, Deduct	*-7.26*	
		For >3,500, Deduct	*-8.87*	

09 68 13 00-0035 Carpet Tiles *(09 68 13)*

Note: Includes glue

09 68 13 00-0036	SY	27 Ounce, Patterned, Nylon Carpet Tile (Mannington Graffiti II) Note: Tip sheared patterned loop carpet tile with reinforced composite closed cell polymer backing.	76.26	6.04
		For >200 To 400, Deduct	*-1.20*	
		For >400 To 600, Deduct	*-1.80*	
		For >600 To 900, Deduct	*-3.24*	
		For >900 To 1,500, Deduct	*-4.69*	
		For >1,500 To 2,200, Deduct	*-6.81*	
		For >2,200 To 3,500, Deduct	*-8.72*	
		For >3,500, Deduct	*-10.63*	
09 68 13 00-0037	SY	22 Ounce, Patterned, Nylon Carpet Tile (Lees Ground Strata) Note: Tufted carpet tile with EcoFlex ICT backing.	65.45	6.04
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.48*	
		For >600 To 900, Deduct	*-2.70*	
		For >900 To 1,500, Deduct	*-3.93*	
		For >1,500 To 2,200, Deduct	*-5.73*	
		For >2,200 To 3,500, Deduct	*-7.37*	
		For >3,500, Deduct	*-9.00*	
09 68 13 00-0038	SY	20 Ounce, Patterned, Nylon Carpet Tile (Lees Parkway) Note: Tufted carpet tile with EcoFlex ICT backing.	67.40	6.04
		For >200 To 400, Deduct	*-1.02*	
		For >400 To 600, Deduct	*-1.53*	
		For >600 To 900, Deduct	*-2.80*	
		For >900 To 1,500, Deduct	*-4.07*	
		For >1,500 To 2,200, Deduct	*-5.93*	
		For >2,200 To 3,500, Deduct	*-7.61*	
		For >3,500, Deduct	*-9.30*	
09 68 13 00-0039	SY	22 Ounce, Patterned, Nylon Carpet Tile (Lees Realization) Note: Tufted carpet tile with EcoFlex ICT backing.	65.78	6.04
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.49*	
		For >600 To 900, Deduct	*-2.72*	
		For >900 To 1,500, Deduct	*-3.95*	
		For >1,500 To 2,200, Deduct	*-5.77*	
		For >2,200 To 3,500, Deduct	*-7.41*	
		For >3,500, Deduct	*-9.05*	
09 68 13 00-0040	SY	20 Ounce, Patterned, Nylon Carpet Tile (Lees Shirt) Note: Tufted carpet tile with EcoFlex ICT backing.	67.72	6.04
		For >200 To 400, Deduct	*-1.03*	
		For >400 To 600, Deduct	*-1.54*	
		For >600 To 900, Deduct	*-2.82*	
		For >900 To 1,500, Deduct	*-4.09*	
		For >1,500 To 2,200, Deduct	*-5.96*	
		For >2,200 To 3,500, Deduct	*-7.65*	
		For >3,500, Deduct	*-9.35*	

09 68 16 Sheet Carpeting *(09 68)*

Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.

09 68 16 00-0001 Carpet Cushion *(09 68 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0002		**Carpet Pads** *(09 68 16 00-0001)*		
09 68 16 00-0003	SY	Foam Rubber Carpet Padding	6.55	2.56
09 68 16 00-0004	SY	Sponge Rubber Carpet Cushion	6.40	2.56
09 68 16 00-0005	SY	Urethane Carpet Cushion 1/4" Thick	6.64	2.56
09 68 16 00-0006	SY	Urethane Carpet Cushion 3/8" Thick	7.28	2.56
09 68 16 00-0007	SY	7/16" Thick, Rebonded, 6 LB/CF	6.76	2.56
09 68 16 00-0008	SY	3/8" Thick, Rebonded, 7 LB/CF	7.05	2.56
09 68 16 00-0009	SY	1/2" Thick, Rebonded, 8 LB/CF	7.48	2.56
09 68 16 00-0010		**Indoor/Outdoor Carpet** *(09 68 16)*		
		Note: Includes waterproof glue.		
09 68 16 00-0011	SY	Nylon Indoor/Outdoor Carpet	33.30	5.13
09 68 16 00-0012	SY	Ozite Indoor/Outdoor Carpet	27.72	5.13
09 68 16 00-0013		**Commercial Broadloom Carpet** *(09 68 16)*		
		Note: Level-loop pile or textured-loop pile broadloom carpet.		
09 68 16 00-0014		**Non-Patterned Broadloom Carpet** *(09 68 16 00-0013)*		
09 68 16 00-0015	SY	22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	37.66	24.76
		For Up To 15, Add	*3.30*	
		For >15 To 33, Add	*1.65*	
		For >200 To 400, Deduct	*-0.42*	
		For >400 To 600, Deduct	*-0.63*	
		For >600 To 900, Deduct	*-1.31*	
		For >900, Deduct	*-1.98*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0016	SY	24 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	37.66	24.76
		For Up To 15, Add	*3.30*	
		For >15 To 33, Add	*1.65*	
		For >200 To 400, Deduct	*-0.42*	
		For >400 To 600, Deduct	*-0.63*	
		For >600 To 900, Deduct	*-1.31*	
		For >900, Deduct	*-1.98*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0017	SY	26 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	37.66	24.76
		For Up To 15, Add	*3.30*	
		For >15 To 33, Add	*1.65*	
		For >200 To 400, Deduct	*-0.42*	
		For >400 To 600, Deduct	*-0.63*	
		For >600 To 900, Deduct	*-1.31*	
		For >900, Deduct	*-1.98*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0018	SY	28 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	40.81	26.83
		For Up To 15, Add	*3.58*	
		For >15 To 33, Add	*1.79*	
		For >200 To 400, Deduct	*-0.46*	
		For >400 To 600, Deduct	*-0.69*	
		For >600 To 900, Deduct	*-1.41*	
		For >900, Deduct	*-2.14*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0019	SY	30 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	41.46	26.83
		For Up To 15, Add	*3.58*	
		For >15 To 33, Add	*1.79*	
		For >200 To 400, Deduct	*-0.47*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.45*	
		For >900, Deduct	*-2.19*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0020	SY	32 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	41.57	26.83
		For Up To 15, Add	*3.58*	
		For >15 To 33, Add	*1.79*	
		For >200 To 400, Deduct	*-0.47*	
		For >400 To 600, Deduct	*-0.71*	
		For >600 To 900, Deduct	*-1.45*	
		For >900, Deduct	*-2.19*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0021	SY	34 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	45.53	28.89
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.53*	
		For >400 To 600, Deduct	*-0.79*	
		For >600 To 900, Deduct	*-1.60*	
		For >900, Deduct	*-2.42*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0022	SY	36 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet	46.00	28.89
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.53*	
		For >400 To 600, Deduct	*-0.80*	
		For >600 To 900, Deduct	*-1.63*	
		For >900, Deduct	*-2.45*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0023	SY	38 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet	46.57	28.89
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.55*	
		For >400 To 600, Deduct	*-0.82*	
		For >600 To 900, Deduct	*-1.65*	
		For >900, Deduct	*-2.49*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

09 68 16 00-0024 Patterned Broadloom Carpet *(09 68 16 00-0013)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 16 00-0025	SY	22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	39.63	24.76
		For Up To 15, Add	*3.63*	
		For >15 To 33, Add	*1.82*	
		For >200 To 400, Deduct	*-0.43*	
		For >400 To 600, Deduct	*-0.64*	
		For >600 To 900, Deduct	*-1.35*	
		For >900, Deduct	*-2.05*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0026	SY	24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	39.63	24.76
		For Up To 15, Add	*3.63*	
		For >15 To 33, Add	*1.82*	
		For >200 To 400, Deduct	*-0.43*	
		For >400 To 600, Deduct	*-0.64*	
		For >600 To 900, Deduct	*-1.35*	
		For >900, Deduct	*-2.05*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0027	SY	26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	39.63	24.76
		For Up To 15, Add	*3.63*	
		For >15 To 33, Add	*1.82*	
		For >200 To 400, Deduct	*-0.43*	
		For >400 To 600, Deduct	*-0.64*	
		For >600 To 900, Deduct	*-1.35*	
		For >900, Deduct	*-2.05*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0028	SY	28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	42.95	26.83
		For Up To 15, Add	*3.93*	
		For >15 To 33, Add	*1.97*	
		For >200 To 400, Deduct	*-0.47*	
		For >400 To 600, Deduct	*-0.70*	
		For >600 To 900, Deduct	*-1.46*	
		For >900, Deduct	*-2.22*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0029	SY	30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	43.60	26.83
		For Up To 15, Add	*3.93*	
		For >15 To 33, Add	*1.97*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.72*	
		For >600 To 900, Deduct	*-1.49*	
		For >900, Deduct	*-2.27*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0030	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	43.72	26.83
		For Up To 15, Add	*3.93*	
		For >15 To 33, Add	*1.97*	
		For >200 To 400, Deduct	*-0.48*	
		For >400 To 600, Deduct	*-0.72*	
		For >600 To 900, Deduct	*-1.50*	
		For >900, Deduct	*-2.27*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0031	SY	34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	47.85	28.89
		For Up To 15, Add	*4.24*	
		For >15 To 33, Add	*2.12*	
		For >200 To 400, Deduct	*-0.53*	
		For >400 To 600, Deduct	*-0.80*	
		For >600 To 900, Deduct	*-1.65*	
		For >900, Deduct	*-2.50*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0032	SY	36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	48.32	28.89
		For Up To 15, Add	*4.24*	
		For >15 To 33, Add	*2.12*	
		For >200 To 400, Deduct	*-0.54*	
		For >400 To 600, Deduct	*-0.81*	
		For >600 To 900, Deduct	*-1.67*	
		For >900, Deduct	*-2.54*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0033	SY	38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	48.90	28.89
		For Up To 15, Add	*4.24*	
		For >15 To 33, Add	*2.12*	
		For >200 To 400, Deduct	*-0.55*	
		For >400 To 600, Deduct	*-0.83*	
		For >600 To 900, Deduct	*-1.70*	
		For >900, Deduct	*-2.58*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0034	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet (Karastan Studded)	65.73	26.83
		For Up To 15, Add	*3.93*	
		For >15 To 33, Add	*1.97*	
		For >200 To 400, Deduct	*-0.92*	
		For >400 To 600, Deduct	*-1.38*	
		For >600 To 900, Deduct	*-2.60*	
		For >900, Deduct	*-3.81*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

09 68 16 00-0035 Carpet Accessories *(09 68 16)*

09 68 16 00-0036	LF	Metal Carpet Saddle Strip, Up To 4" Wide	4.39	0.71

09 68 16 00-0037 Removal And Reinstallation Of Carpet And Pad *(09 68 16)*

Note: Includes storage, cleaning and supply materials.

09 68 16 00-0038	SY	Removal And Reinstallation Of Carpet And Pad	34.82	

09 68 16 00-0039 Carpeting Support Functions *(09 68 16)*

09 68 16 00-0040 Relocate Partitions, Modular Work Stations *(09 68 16 00-0039)*

Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.

09 68 16 00-0041	EA	Relocate Modular Work Station	247.85	

09 68 16 00-0042 Installation Of Owner Provided Broadloom Carpet *(09 68 16)*

09 68 16 00-0043	SY	Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet Note: Includes adhesive for glue-down or tack strip for padded installations.	14.59	
		For Up To 15, Add	*2.87*	
		For >15 To 33, Add	*1.44*	
09 68 16 00-0044	SY	>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet Note: Includes adhesive for glue-down or tack strip for padded installations.	16.98	
		For Up To 15, Add	*3.35*	
		For >15 To 33, Add	*1.68*	
09 68 16 00-0045	SY	>34 Oz, Installation Of Owner Provided Broadloom Carpet Note: Includes adhesive for glue-down or tack strip for padded installations.	20.33	
		For Up To 15, Add	*4.02*	
		For >15 To 33, Add	*2.01*	

09 69 Access Flooring *(09 60)*

09 69 13 Rigid-Grid Access Flooring *(09 69)*

09 69 13 00-0001 Panels, No Covering *(09 69 13)*

09 69 13 00-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors	11.04	0.71
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors	20.69	0.71
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T	19.28	0.78
09 69 13 00-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T	19.28	0.78
09 69 13 00-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808	19.28	0.78
09 69 13 00-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280	19.28	0.78
09 69 13 00-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	18.23	0.78
09 69 13 00-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim	18.23	0.78
09 69 13 00-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T	20.58	0.78
09 69 13 00-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	20.58	0.78
09 69 13 00-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808	20.58	0.78
09 69 13 00-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	20.58	0.78
09 69 13 00-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	19.54	0.78
09 69 13 00-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	19.54	0.78
09 69 13 00-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	24.73	0.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 13 00-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim	24.73	0.78
09 69 13 00-0018		**Pedestals** *(09 69 13)*		
09 69 13 00-0019	EA	6" To 12" Finished Floor Height, Pedestal Assembly	24.97	3.54
09 69 13 00-0020	EA	8" To 12" Finished Floor Height, Pedestal Assembly	26.27	3.54
09 69 13 00-0021	EA	18" To 24" Finished Floor Height, Pedestal Assembly	26.92	3.54
09 69 13 00-0022	EA	30" To 36" Finished Floor Height, Pedestal Assembly	29.29	3.54
09 69 13 00-0023		**Stringers** *(09 69 13)*		
09 69 13 00-0024	EA	2' Bolted Stringers, Access And Pedestal Floors	13.38	4.25
09 69 13 00-0025	EA	4' Bolted Stringers, Access And Pedestal Floors	22.94	6.37
09 69 13 00-0026	EA	6' Bolted Stringers, Access And Pedestal Floors	36.44	10.62
09 69 13 00-0027		**Understructure** *(09 69 13)*		
09 69 13 00-0028	SF	Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height	4.18	1.06
09 69 13 00-0029	SF	Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height	4.49	1.06
09 69 13 00-0030	SF	Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height	5.36	1.06

09 69 53 Access Flooring Accessories *(09 69)*

09 69 53 00-0001		**Accessories** *(09 69 53)*		
09 69 53 00-0002	SF	Accessories, Ramp Assembly Access And Pedestal Floors	25.23	2.83
09 69 53 00-0003	LF	Accessories, Handrail Access And Pedestal Floors	40.74	4.96
09 69 53 00-0004	LF	Accessories, Fascia Plate Access And Pedestal Floors	17.40	4.96
09 69 53 00-0005	EA	Machine Cutouts	134.46	
09 69 53 00-0006	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate	41.28	
09 69 53 00-0007	LF	Tate 2 Or 3 Riser Steps In Raised Floor System Note: Includes baffles, fascia plates trim and cover.	97.99	0.35
09 69 53 00-0008	LF	Tate Handrail	78.21	2.34
09 69 53 00-0009	SF	Hammered Aluminum Finish Fascia Note: Includes trim angles and hardware (8", 12", 18", 24").	29.69	2.34
09 69 53 00-0010	EA	7" x 17" Lexan Floor Mounted Grille Note: Includes carpet trim to flush mount.	133.23	8.85
09 69 53 00-0011	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	32.21	
09 69 53 00-0012	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003)	32.21	
09 69 53 00-0013	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet	38.28	1.41
09 69 53 00-0014	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	46.75	1.41
09 69 53 00-0015	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	35.93	1.41
09 69 53 00-0016	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	46.73	1.41
09 69 53 00-0017	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	131.65	8.85
09 69 53 00-0018	EA	Flush Mounted Telephone Box (Grey/Black/Communications) Note: Includes cut hole.	94.35	8.85
09 69 53 00-0019	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	131.65	8.85
09 69 53 00-0020	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	66.03	1.41
09 69 53 00-0021	EA	Remove Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	7.08	
09 69 53 00-0022		**Final Cleaning For Computer Room Raised Floor System** *(09 69 53)* Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.		
09 69 53 00-0023	SF	Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor	2.42	
09 69 53 00-0024	SF	Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath	2.50	
09 69 53 00-0025	SF	Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor	2.47	

09 70 Wall Finishes *(09)*

09 72 Wall Coverings *(09 70)*

09 72 13 Cork Wall Coverings *(09 72)*

09 72 13 00-0001		**Cork Wall Covering** *(09 72 13)*		
09 72 13 00-0002	SF	1/8" Cork Wall Covering	4.57	0.87
09 72 13 00-0003	SF	1/4" Cork Wall Covering	5.35	0.87
09 72 13 00-0004	SF	1/2" Cork Wall Covering	5.97	0.87
09 72 13 00-0005	SF	3/4" Cork Wall Covering	7.78	0.87

09 72 16 Vinyl-Coated Fabric Wall Coverings *(09 72)*

09 72 16 13 Flexible Vinyl Wall Coverings *(09 72 16)*

09 72 16 13-0001		**Vinyl Wall Coverings** *(09 72 16 13)* Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09 72 16 13-0002	SF	7-10 Oz/SY Vinyl Wall Covering	2.55	0.87
		For Owner Furnished Material, Deduct	*-1.19*	
09 72 16 13-0003	SF	11-14 Oz/SY Vinyl Wall Covering	3.19	0.87
		For Owner Furnished Material, Deduct	*-1.74*	
09 72 16 13-0004	SF	15-19 Oz/SY Vinyl Wall Covering	3.63	0.87
		For Owner Furnished Material, Deduct	*-2.18*	
09 72 16 13-0005	SF	20-25 Oz/SY Vinyl Wall Covering	4.33	0.87
		For Owner Furnished Material, Deduct	*-2.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 72 16 13-0006	SF	26-32 Oz/SY Vinyl Wall Covering	4.95	0.87
		For Owner Furnished Material, Deduct	*-3.05*	
09 72 16 13-0007	SF	33-38 Oz/SY Vinyl Wall Covering	5.84	0.87
		For Owner Furnished Material, Deduct	*-3.86*	

09 72 19 Textile Wall Coverings *(09 72)*

09 72 19 00-0001 Wall Fabrics *(09 72 19)*

09 72 19 00-0002	SF	Install Owner Furnished Wall Covering Fabrics, Non-Patterned Or Repeating Pattern	2.34	0.87
09 72 19 00-0003	SF	Install Owner Furnished Wall Covering Fabrics, Patterned	3.28	0.87

09 72 23 Wallpapering *(09 72)*

09 72 23 00-0001 Wallpaper Coverings *(09 72 23)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002	SF	Average Quality Wallpaper (Standard Grade)	2.05	1.16
09 72 23 00-0003	SF	High Quality Wallpaper (Designer Grade)	3.29	1.48
09 72 23 00-0004	SF	Ceiling Paper	3.26	2.18

09 73 Wall Carpeting *(09 70)*

09 73 00 00-0001 Carpet Wall Covering *(09 73)*

09 73 00 00-0002	SY	28 Ounce, Nylon Carpet Wall Covering	41.65	27.50
09 73 00 00-0003	SY	32 Ounce, Nylon Carpet Wall Covering	42.35	27.50
09 73 00 00-0004	SY	34 Ounce, Nylon Carpet Wall Covering	46.05	29.61
09 73 00 00-0005	SY	35 Ounce, Nylon Carpet Wall Covering	48.77	29.61
09 73 00 00-0006	SY	36 Ounce, Nylon Carpet Wall Covering	51.53	29.61
09 73 00 00-0007	SY	38 Ounce, Nylon Carpet Wall Covering	52.37	29.61
09 73 00 00-0008	SY	40 Ounce, Nylon Carpet Wall Covering	54.30	31.98
09 73 00 00-0009	SY	42 Ounce, Nylon Carpet Wall Covering	56.38	31.98

09 74 Flexible Wood Sheets *(09 70)*

09 74 16 Flexible Wood Veneers *(09 74)*

09 74 16 00-0001 Flexible Wood Veneer *(09 74 16)*

09 74 16 00-0002	SF	1/32" Thick, Flexible Maple Wood Veneer	8.45	3.50
09 74 16 00-0003	SF	1/32" Thick, Flexible Oak Wood Veneer	8.54	3.50
09 74 16 00-0004	SF	1/32" Thick, Flexible Mahogany Wood Veneer	8.54	3.50
09 74 16 00-0005	SF	1/32" Thick, Flexible Birch Wood Veneer	8.63	3.50
09 74 16 00-0006	SF	1/32" Thick, Flexible Walnut Wood Veneer	9.09	3.50
09 74 16 00-0007	SF	1/32" Thick, Flexible Bamboo Wood Veneer	9.65	3.50
09 74 16 00-0008	SF	1/32" Thick, Flexible Fir Wood Veneer	10.29	3.50

09 74 16 00-0009 Flexible Exotic Wood Veneer *(09 74 16)*

09 74 16 00-0010	SF	1/32" Thick, Flexible Exotic Wood Veneer	11.88	3.50

09 78 Interior Wall Paneling *(09 70)*

09 78 13 Metal Interior Wall Paneling *(09 78)*

09 78 13 00-0001 Stainless Steel Wall Base *(09 78 13)*

Note: Grade CS304 with #4 satin polish

09 78 13 00-0002 22 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*

09 78 13 00-0003	LF	2" Height, 22 Gauge, Stainless Steel Straight Wall Base	8.22	2.19
09 78 13 00-0004	LF	4" Height, 22 Gauge, Stainless Steel Straight Wall Base	11.63	2.41
09 78 13 00-0005	LF	4-3/4" Height, 22 Gauge, Stainless Steel Straight Wall Base	12.78	2.41
09 78 13 00-0006	LF	6" Height, 22 Gauge, Stainless Steel Straight Wall Base	15.18	2.63
09 78 13 00-0007	LF	8" Height, 22 Gauge, Stainless Steel Straight Wall Base	18.75	2.93
09 78 13 00-0008	LF	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	9.07	2.19
09 78 13 00-0009	LF	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	12.43	2.41
09 78 13 00-0010	LF	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	13.57	2.41
09 78 13 00-0011	LF	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	15.87	2.63
09 78 13 00-0012	LF	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	19.45	2.93
09 78 13 00-0013	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	21.62	4.38
09 78 13 00-0014	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	26.93	4.83
09 78 13 00-0015	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	28.65	4.83
09 78 13 00-0016	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	32.31	5.27
09 78 13 00-0017	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	37.96	5.85
09 78 13 00-0018	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	41.38	4.38
09 78 13 00-0019	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	46.74	4.83
09 78 13 00-0020	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	48.41	4.83
09 78 13 00-0021	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	52.12	5.27
09 78 13 00-0022	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	57.77	5.85
09 78 13 00-0023	EA	2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	21.62	4.38
09 78 13 00-0024	EA	4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	26.93	4.83
09 78 13 00-0025	EA	4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	28.65	4.83
09 78 13 00-0026	EA	6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	32.31	5.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 78 13 00-0027	EA	8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	37.96	5.85
09 78 13 00-0028	EA	2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	49.32	4.38
09 78 13 00-0029	EA	4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	54.63	4.83
09 78 13 00-0030	EA	4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	56.36	4.83
09 78 13 00-0031	EA	6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	60.01	5.27
09 78 13 00-0032	EA	8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	65.66	5.85

09 78 13 00-0033 16 Gauge Stainless Steel Wall Base *(09 78 13 00-0001)*

09 78 13 00-0034	LF	2" Height, 16 Gauge, Stainless Steel Straight Wall Base	13.15	2.19
09 78 13 00-0035	LF	4" Height, 16 Gauge, Stainless Steel Straight Wall Base	21.53	2.41
09 78 13 00-0036	LF	4-3/4" Height, 16 Gauge, Stainless Steel Straight Wall Base	24.48	2.41
09 78 13 00-0037	LF	6" Height, 16 Gauge, Stainless Steel Straight Wall Base	29.87	2.63
09 78 13 00-0038	LF	8" Height, 16 Gauge, Stainless Steel Straight Wall Base	39.37	2.93
09 78 13 00-0039	LF	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	13.94	2.19
09 78 13 00-0040	LF	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	22.30	2.41
09 78 13 00-0041	LF	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	25.04	2.41
09 78 13 00-0042	LF	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	30.67	2.63
09 78 13 00-0043	LF	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base	39.16	2.93
09 78 13 00-0044	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	28.99	4.38
09 78 13 00-0045	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	41.73	4.83
09 78 13 00-0046	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	46.10	4.83
09 78 13 00-0047	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	54.48	5.27
09 78 13 00-0048	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner	67.56	5.85
09 78 13 00-0049	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	48.78	4.38
09 78 13 00-0050	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	61.52	4.83
09 78 13 00-0051	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	65.97	4.83
09 78 13 00-0052	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	74.29	5.27
09 78 13 00-0053	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner	87.32	5.85
09 78 13 00-0054	EA	2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	28.99	4.38
09 78 13 00-0055	EA	4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	41.73	4.83
09 78 13 00-0056	EA	4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	46.10	4.83
09 78 13 00-0057	EA	6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	54.48	5.27
09 78 13 00-0058	EA	8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	67.56	5.85
09 78 13 00-0059	EA	2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	56.69	4.38
09 78 13 00-0060	EA	4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	69.43	4.83
09 78 13 00-0061	EA	4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	73.90	4.83
09 78 13 00-0062	EA	6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	82.22	5.27
09 78 13 00-0063	EA	8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	95.26	5.85

09 80 Acoustic Treatment *(09)*

09 81 Acoustic Insulation *(09 80)*

09 81 16 Acoustic Blanket Insulation *(09 81)*

09 81 16 00-0001 Sound Attenuation Fire Blankets (SAFB) *(09 81 16)*

09 81 16 00-0002 2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*

09 81 16 00-0003	SF	1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.55	0.29
09 81 16 00-0004	SF	2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.64	0.29
09 81 16 00-0005	SF	2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.77	0.29
09 81 16 00-0006	SF	3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.87	0.29
09 81 16 00-0007	SF	3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.00	0.29
09 81 16 00-0008	SF	4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.12	0.29
09 81 16 00-0009	SF	5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.29	0.29
09 81 16 00-0010	SF	6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.48	0.29

09 81 16 00-0011 4 PCF Density, Sound Attenuation Fire Blankets (SAFB) *(09 81 16 00-0001)*

09 81 16 00-0012	SF	1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.52	0.29

09 81 16 00-0013 Sound Attenuation Batts *(09 81 16)*

Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.

09 81 16 00-0014	SF	2-1/2" Thick, Unfaced Sound Attenuation Batt	0.96	0.39
09 81 16 00-0015	SF	3-1/2" Thick, Unfaced Sound Attenuation Batt	1.02	0.39
09 81 16 00-0016	SF	3-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.05	0.39
09 81 16 00-0017	SF	5-1/2" Thick, Unfaced Sound Attenuation Batt	1.14	0.39
09 81 16 00-0018	SF	5-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.17	0.39
09 81 16 00-0019	SF	6-1/4" Thick, Unfaced Sound Attenuation Batt	1.16	0.39
09 81 16 00-0020	SF	6-1/4" Thick, Kraft Faced Sound Attenuation Batt	1.20	0.39

09 84 Acoustic Room Components *(09 80)*

09 84 13 Fixed Sound-Absorptive Panels *(09 84)*

09 84 13 00-0001 Sound Absorbing Panels And Attenuation Blankets *(09 84 13)*

Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09 22 13 00-0000 for furring, 09 53 23 00-0000 for suspended ceiling support.

09 84 13 00-0002	SF	3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	9.32	1.95
09 84 13 00-0003	SF	1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	13.59	1.95

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 84 13 00-0004		Sound Absorbing Acoustical Wall Panel System *(09 84 13)* See CSI section 06 11 16 00-0129 for wood furring.		
09 84 13 00-0005		Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)* Note: Includes tackable surface, molding and mounting hardware for flush mount.		
09 84 13 00-0006	SF	5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	9.77	2.19
09 84 13 00-0007	SF	3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	9.14	2.19
09 84 13 00-0008	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	11.15	2.19
09 84 13 00-0009	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	11.16	2.19
09 84 13 00-0010	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™)	12.18	2.19
09 84 13 00-0011	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	12.18	2.19
09 84 13 00-0012		Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) *(09 84 13 00-0004)* Note: Includes molding and mounting hardware for flush mount.		
09 84 13 00-0013	SF	1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®)	11.18	2.19
09 84 13 00-0014	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	12.83	2.19
09 84 13 00-0015	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	12.83	2.19
09 84 13 00-0016	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™)	14.49	2.19
09 84 13 00-0017	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™)	14.49	2.19
09 84 13 00-0018		Sound Absorbing Panel, Eggcrate Style *(09 84 13)* Note: Ceiling or wall hung back.		
09 84 13 00-0019	SF	2" Thick Polyurethane Sound Wave (Eggcrate Style)	9.61	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0020	SF	3" Thick Polyurethane Sound Wave (Eggcrate Style)	12.74	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0021	SF	4" Thick Polyurethane Sound Wave (Eggcrate Style)	16.68	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0022	SF	2" Thick Melamine Sound Wave (Eggcrate Style)	12.54	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*2.05*	
		For Pyramid Style With Hypalon Coating, Add	*4.02*	
09 84 13 00-0023	SF	3" Thick Melamine Sound Wave (Eggcrate Style)	25.38	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0024	SF	4" Thick Melamine Sound Wave (Eggcrate Style)	32.53	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0025		Sound Deadening Fiberboard *(09 84 13)*		
09 84 13 00-0026	SF	1/2" Sound Deadening Fiberboard	1.21	0.48
		For Times When The Shortest Distance From Corner to Corner Is <3', Add	*0.44*	
		For Horizontal Installation Up To 10' High, Add	*0.30*	
		For Horizontal Installation >10' High, Add	*0.44*	
		For Walls >10' High, Add	*0.07*	
		For Up To 128, Add	*0.42*	
		For >128 To 320, Add	*0.25*	

09 90 Painting And Coating *(09)*

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 01 56 16 00-0001 for temporary plastic sheeting to protect existing equipment or materials, 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

09 91 Painting *(09 90)*

Note: (Sherwin Williams)

09 91 13 Exterior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated.

09 91 13 00-0001 Paint Exterior Walls/Siding *(09 91 13)*

09 91 13 00-0002 Paint Exterior Brick Walls *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0003	SF	Paint Exterior Brick Walls, 1 Coat Filler, Brush Work	0.89	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0004	SF	Paint Exterior Brick Walls, 1 Coat Paint, Brush Work	1.28	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0005	SF	Paint Exterior Brick Walls, 2 Coats Paint, Brush Work	1.82	
		For Oil Based Paint, Add	*0.11*	
		For Work >20', Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 13 00-0006	SF	Paint Exterior Brick Walls, 1 Coat Filler, Brush/Roller Work	0.58	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0007	SF	Paint Exterior Brick Walls, 1 Coat Paint, Brush/Roller Work	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0008	SF	Paint Exterior Brick Walls, 2 Coats Paint, Brush/Roller Work	1.40	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0009	SF	Paint Exterior Brick Walls, 1 Coat Filler, Sprayed	0.50	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0010	SF	Paint Exterior Brick Walls, 1 Coat Paint, Sprayed	0.49	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.24*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0011	SF	Paint Exterior Brick Walls, 2 Coats Paint, Sprayed	1.07	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

09 91 13 00-0012 Paint Exterior Concrete Walls *(09 91 13 00-0001)*

09 91 13 00-0013	SF	Paint Exterior Concrete Walls, 1 Coat Filler, Brush Work	0.76	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0014	SF	Paint Exterior Concrete Walls, 1 Coat Paint, Brush Work	0.84	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.07*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0015	SF	Paint Exterior Concrete Walls, 2 Coats Paint, Brush Work	1.56	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.13*	
		For Work >20', Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0016	SF	Paint Exterior Concrete Walls, 1 Coat Filler, Brush/Roller Work	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0017	SF	Paint Exterior Concrete Walls, 1 Coat Paint, Brush/Roller Work	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0018	SF	Paint Exterior Concrete Walls, 2 Coats Paint, Brush/Roller Work	1.16	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.11*	
		For Work >20', Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0019	SF	Paint Exterior Concrete Walls, 1 Coat Filler, Sprayed	0.46	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0020	SF	Paint Exterior Concrete Walls, 1 Coat Paint, Sprayed	0.42	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.05*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.08*	
09 91 13 00-0021	SF	Paint Exterior Concrete Walls, 2 Coats Paint, Sprayed	0.72	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

09 91 13 00-0022 Paint Exterior Concrete Block Walls *(09 91 13 00-0001)*

09 91 13 00-0023 Paint Exterior Concrete Block Walls, Epoxy Paint *(09 91 13 00-0022)*

09 91 13 00-0024	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Brush Work	1.04	
		For Work >20', Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0025	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Brush	1.20	
		For Work >20', Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0026	SF	Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Brush Work	2.08	
		For Work >20', Add	*0.43*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
09 91 13 00-0027	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Brush/Roller Work	0.84	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0028	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Brush/Roller Work	0.94	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0029	SF	Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Brush/Roller Work	1.63	
		For Work >20', Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0030	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Sprayed	0.59	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0031	SF	Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Sprayed	0.66	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0032	SF	Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Sprayed	1.25	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

09 91 13 00-0033 Paint Exterior Concrete Block Walls, Acrylic Latex Paint *(09 91 13 00-0022)*

09 91 13 00-0034	SF	Paint Exterior Concrete Block Walls, 1 Coat Filler, Brush Work	0.98	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0035	SF	Paint Exterior Concrete Block Walls, 1 Coat Paint, Brush Work	1.14	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0036	SF	Paint Exterior Concrete Block Walls, 2 Coats Paint, Brush Work	2.07	
		For Oil Based Paint, Add	*0.12*	
		For Work >20', Add	*0.43*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 13 00-0037	SF	Paint Exterior Concrete Block Walls, Texture Coat, Brush Work	1.27	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0038	SF	Paint Exterior Concrete Block Walls, 1 Coat Filler, Brush/Roller Work	0.76	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0039	SF	Paint Exterior Concrete Block Walls, 1 Coat Paint, Brush/Roller Work	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0040	SF	Paint Exterior Concrete Block Walls, 2 Coats Paint, Brush/Roller Work	1.63	
		For Oil Based Paint, Add	*0.10*	
		For Work >20', Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0041	SF	Paint Exterior Concrete Block Walls, Texture Coat, Brush/Roller Work	1.08	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0042	SF	Paint Exterior Concrete Block Walls, 1 Coat Filler, Sprayed	0.63	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0043	SF	Paint Exterior Concrete Block Walls, 1 Coat Paint, Sprayed	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0044	SF	Paint Exterior Concrete Block Walls, 2 Coats Paint, Sprayed	1.05	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0045	SF	Paint Exterior Concrete Block Walls, Texture Coat, Sprayed	0.86	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

09 91 13 00-0046 Paint Exterior Drywall/Plaster Walls *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0047	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Brush Work	0.78	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.11*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0048	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Brush Work	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0049	SF	Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Brush Work	1.56	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.22*	
		For Work >20', Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0050	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Brush/Roller Work	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.08*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0051	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Brush/Roller Work	0.63	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0052	SF	Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Brush/Roller Work	1.14	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.16*	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0053	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Sprayed	0.46	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.08*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
		For Epoxy Paint, Add	*0.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0054	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Sprayed	0.50	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.31*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0055	SF	Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Sprayed	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Epoxy Paint, Add	*0.10*	

09 91 13 00-0056 Paint Exterior Metal Walls *(09 91 13 00-0001)*

09 91 13 00-0057 Paint Exterior Galvanized Walls *(09 91 13 00-0056)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0058	SF	Paint Exterior Galvanized Wall Surfaces, 1 Coat Primer, Brush Work	0.95	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0059	SF	Paint Exterior Galvanized Wall Surfaces, 1 Coat Paint, Brush Work	1.06	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0060	SF	Paint Exterior Galvanized Wall Surfaces, 2 Coats Paint, Brush Work	1.91	
		For Work >20', Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0061	SF	Paint Exterior Galvanized Walls, 1 Coat Primer, Brush/Roller Work	0.71	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0062	SF	Paint Exterior Galvanized Walls, 1 Coat Paint, Brush/Roller Work	0.82	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0063	SF	Paint Exterior Galvanized Walls, 2 Coats Paint, Brush/Roller Work	1.53	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0064	SF	Paint Exterior Galvanized Walls, 1 Coat Primer, Sprayed	0.51	
		For Work >20', Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.25*	
		For >100 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.05*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0065	SF	Paint Exterior Galvanized Walls, 1 Coat Paint, Sprayed	0.68	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0066	SF	Paint Exterior Galvanized Walls, 2 Coats Paint, Sprayed	1.15	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

09 91 13 00-0067 Paint Exterior Aluminum And Aluminum Alloy Walls *(09 91 13 00-0056)*

Note: Alkyd enamel paint.

09 91 13 00-0068	SF	Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Primer, Brush Work	0.95	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0069	SF	Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Paint, Brush Work	1.06	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0070	SF	Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 2 Coats Paint, Brush Work	1.91	
		For Work >20', Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0071	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Brush/Roller Work	0.77	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0072	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Brush/Roller Work	0.87	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0073	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Brush/Roller Work	1.64	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0074	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Sprayed	0.57	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0075	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Sprayed	0.68	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0076	SF	Paint Exterior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Sprayed	1.15	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0077		Paint Exterior Aluminum And Aluminum Alloy Roof Stacks *(09 91 13 00-0056)*		
09 91 13 00-0078	LF	Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 1 Coat Primer, Per LF Of Stack	11.53	
		For Work >20', Add	*2.60*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*7.98*	
		For >100 To 250, Add	*3.76*	
		For >250 To 500, Add	*1.62*	
		For >2,500 To 5,000, Deduct	*-0.58*	
		For >5,000 To 10,000, Deduct	*-1.15*	
		For >10,000 To 20,000, Deduct	*-1.73*	
		For >20,000, Deduct	*-2.31*	
09 91 13 00-0079	LF	Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 1 Coat Paint, Per LF Of Stack	12.82	
		For Work >20', Add	*2.89*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*8.86*	
		For >100 To 250, Add	*4.17*	
		For >250 To 500, Add	*1.80*	
		For >2,500 To 5,000, Deduct	*-0.64*	
		For >5,000 To 10,000, Deduct	*-1.28*	
		For >10,000 To 20,000, Deduct	*-1.92*	
		For >20,000, Deduct	*-2.56*	
09 91 13 00-0080	LF	Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 2 Coats Paint, Per LF Of Stack	23.98	
		For Work >20', Add	*5.44*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*16.64*	
		For >100 To 250, Add	*7.83*	
		For >250 To 500, Add	*3.37*	
		For >2,500 To 5,000, Deduct	*-1.20*	
		For >5,000 To 10,000, Deduct	*-2.40*	
		For >10,000 To 20,000, Deduct	*-3.60*	
		For >20,000, Deduct	*-4.80*	
09 91 13 00-0081		Paint Exterior Corrugated Metal Walls *(09 91 13 00-0056)*		
09 91 13 00-0082	SF	Paint Exterior Corrugated Metal Walls, 1 Coat Primer, Sprayed	0.64	
		For Work >20', Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0083	SF	Paint Exterior Corrugated Metal Walls, 1 Coat Paint, Sprayed	0.88	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0084	SF	Paint Exterior Corrugated Metal Walls, 2 Coats Paint, Sprayed	1.44	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

09 91 13 00-0085 Paint Exterior Stucco Walls *(09 91 13 00-0001)*

09 91 13 00-0086	SF	Paint Exterior Stucco Wall Surfaces 1 Coat Primer, Brush Work	1.32	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0087	SF	Paint Exterior Stucco Wall Surfaces 1 Coat Paint, Brush Work	1.45	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0088	SF	Paint Exterior Stucco Wall Surfaces, 2 Coats Paint, Brush Work	2.68	
		For Oil Based Paint, Add	*0.15*	
		For Work >20', Add	*0.60*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.83*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.54*	
09 91 13 00-0089	SF	Paint Exterior Stucco Walls, 1 Coat Primer, Brush/Roller Work	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0090	SF	Paint Exterior Stucco Walls, 1 Coat Paint, Brush/Roller Work	1.12	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0091	SF	Paint Exterior Stucco Walls, 2 Coats Paint, Brush/Roller Work	2.04	
		For Oil Based Paint, Add	*0.12*	
		For Work >20', Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0092	SF	Paint Exterior Stucco Walls, 1 Coat Primer, Sprayed	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0093	SF	Paint Exterior Stucco Walls, 1 Coat Paint, Sprayed	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0094	SF	Paint Exterior Stucco Walls, 2 Coats Paint, Sprayed	1.50	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	

09 91 13 00-0095 Paint Exterior Wood Siding *(09 91 13 00-0001)*

09 91 13 00-0096 Paint Exterior Smooth Wood Siding *(09 91 13 00-0095)*

Note: Includes tongue and groove, beveled, drop or board and batten siding.

09 91 13 00-0097	SF	Paint Exterior Wood Smooth Siding, 1 Coat Primer, Brush Work	0.94	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0098	SF	Paint Exterior Wood Smooth Siding, 1 Coat Paint, Brush Work	1.00	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0099	SF	Paint Exterior Wood Smooth Siding, 2 Coats Paint, Brush Work	1.78	
		For Oil Based Paint, Add	*0.10*	
		For Work >20', Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 13 00-0100	SF	Paint Exterior Smooth Wood Siding, 1 Coat Primer, Brush/Roller Work	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0101	SF	Paint Exterior Smooth Wood Siding, 1 Coat Paint, Brush/Roller Work	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0102	SF	Paint Exterior Smooth Wood Siding, 2 Coats Paint, Brush/Roller Work	1.49	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0103	SF	Paint Exterior Smooth Wood Siding, 1 Coat Primer, Sprayed	0.52	
		For Oil Based Paint, Add	*0.03*	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0104	SF	Paint Exterior Smooth Wood Siding, 1 Coat Paint, Sprayed	0.63	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0105	SF	Paint Exterior Smooth Wood Siding, 2 Coats Paint, Sprayed	1.02	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

09 91 13 00-0106 Paint Exterior Rough Wood Siding *(09 91 13 00-0095)*

Note: Includes shingles, shakes or rough sawn siding.

09 91 13 00-0107	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Primer, Brush Work	1.47	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0108	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Paint, Brush Work	1.49	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0109	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 2 Coats Paint, Brush Work	2.76	
		For Oil Based Paint, Add	*0.15*	
		For Work >20', Add	*0.63*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.91*	
		For >100 To 250, Add	*0.90*	
		For >250 To 500, Add	*0.39*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0110	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Brush/Roller Work	1.25	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0111	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Paint, Brush/Roller Work	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0112	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Brush/Roller Work	2.50	
		For Oil Based Paint, Add	*0.15*	
		For Work >20', Add	*0.49*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
09 91 13 00-0113	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Sprayed	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0114	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Paint, Sprayed	0.94	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0115	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Sprayed	1.75	
		For Oil Based Paint, Add	*0.11*	
		For Work >20', Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	

09 91 13 00-0116 Paint Exterior Vinyl Siding *(09 91 13 00-0001)*

09 91 13 00-0117	SF	Paint Exterior Vinyl Siding, 1 Coat Primer, Brush Work	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0118	SF	Paint Exterior Vinyl Siding, 1 Coat Paint, Brush Work	0.89	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0119	SF	Paint Exterior Vinyl Siding, 2 Coats Paint, Brush Work	1.61	
		For Oil Based Paint, Add	*0.10*	
		For Work >20', Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0120	SF	Paint Exterior Vinyl Siding, 1 Coat Primer, Brush/Roller Work	0.71	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0121	SF	Paint Exterior Vinyl Siding, 1 Coat Paint, Brush/Roller Work	0.71	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0122	SF	Paint Exterior Vinyl Siding, 2 Coats Paint, Brush/Roller Work	1.31	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0123	SF	Paint Exterior Vinyl Siding, 1 Coat Primer, Sprayed	0.56	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0124	SF	Paint Exterior Vinyl Siding, 1 Coat Paint, Sprayed	0.63	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0125	SF	Paint Exterior Vinyl Siding, 2 Coats Paint, Sprayed	1.23	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	

09 91 13 00-0126 Paint Exterior Ceilings *(09 91 13)*

09 91 13 00-0127 Paint Exterior Concrete Ceilings *(09 91 13 00-0126)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0128	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush Work	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0129	SF	Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush Work	0.96	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0130	SF	Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush Work	1.69	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.14*	
		For Work >20', Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0131	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Work >20', Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0132	SF	Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0133	SF	Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.12*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0134	SF	Paint Exterior Concrete Ceiling, 1 Coat Filler, Sprayed	0.48	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0135		SF		Paint Exterior Concrete Ceiling, 1 Coat Paint, Sprayed	0.57	
				For Oil Based Paint, Add	*0.03*	
				For Epoxy Paint, Add	*0.06*	
				For Work >20', Add	*0.12*	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	*0.36*	
				For >100 To 250, Add	*0.17*	
				For >250 To 500, Add	*0.07*	
				For >2,500 To 5,000, Deduct	*-0.03*	
				For >5,000 To 10,000, Deduct	*-0.06*	
				For >10,000 To 20,000, Deduct	*-0.09*	
				For >20,000, Deduct	*-0.11*	
09 91 13 00-0136		SF		Paint Exterior Concrete Ceiling, 2 Coats Paint, Sprayed	0.91	
				For Oil Based Paint, Add	*0.06*	
				For Epoxy Paint, Add	*0.11*	
				For Work >20', Add	*0.18*	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	*0.56*	
				For >100 To 250, Add	*0.27*	
				For >250 To 500, Add	*0.12*	
				For >2,500 To 5,000, Deduct	*-0.05*	
				For >5,000 To 10,000, Deduct	*-0.09*	
				For >10,000 To 20,000, Deduct	*-0.14*	
				For >20,000, Deduct	*-0.18*	

09 91 13 00-0137 Drywall/Plaster *(09 91 13 00-0126)*

09 91 13 00-0138		SF		Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work	0.87	
				For Oil Based Paint, Add	*0.05*	
				For Orange Peel Finish, Add	*0.12*	
				For Epoxy Paint, Add	*0.08*	
				For Work >20', Add	*0.19*	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	*0.59*	
				For >100 To 250, Add	*0.28*	
				For >250 To 500, Add	*0.12*	
				For >2,500 To 5,000, Deduct	*-0.04*	
				For >5,000 To 10,000, Deduct	*-0.09*	
				For >10,000 To 20,000, Deduct	*-0.13*	
				For >20,000, Deduct	*-0.17*	
				For Epoxy Paint, Add	*0.08*	
09 91 13 00-0139		SF		Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work	0.96	
				For Oil Based Paint, Add	*0.05*	
				For Orange Peel Finish, Add	*0.14*	
				For Epoxy Paint, Add	*0.08*	
				For Work >20', Add	*0.22*	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	*0.67*	
				For >100 To 250, Add	*0.31*	
				For >250 To 500, Add	*0.14*	
				For >2,500 To 5,000, Deduct	*-0.05*	
				For >5,000 To 10,000, Deduct	*-0.10*	
				For >10,000 To 20,000, Deduct	*-0.14*	
				For >20,000, Deduct	*-0.19*	
				For Epoxy Paint, Add	*0.08*	
09 91 13 00-0140		SF		Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work	1.69	
				For Oil Based Paint, Add	*0.09*	
				For Orange Peel Finish, Add	*0.24*	
				For Epoxy Paint, Add	*0.14*	
				For Work >20', Add	*0.38*	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	*1.17*	
				For >100 To 250, Add	*0.55*	
				For >250 To 500, Add	*0.24*	
				For >2,500 To 5,000, Deduct	*-0.08*	
				For >5,000 To 10,000, Deduct	*-0.17*	
				For >10,000 To 20,000, Deduct	*-0.25*	
				For >20,000, Deduct	*-0.34*	
				For Epoxy Paint, Add	*0.14*	
09 91 13 00-0141		SF		Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work	0.64	
				For Oil Based Paint, Add	*0.04*	
				For Orange Peel Finish, Add	*0.09*	
				For Epoxy Paint, Add	*0.07*	
				For Work >20', Add	*0.13*	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	*0.41*	
				For >100 To 250, Add	*0.20*	
				For >250 To 500, Add	*0.09*	
				For >2,500 To 5,000, Deduct	*-0.03*	
				For >5,000 To 10,000, Deduct	*-0.06*	
				For >10,000 To 20,000, Deduct	*-0.10*	
				For >20,000, Deduct	*-0.13*	
				For Epoxy Paint, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0142	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.11*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0143	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.19*	
		For Epoxy Paint, Add	*0.12*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0144	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Sprayed	0.47	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0145	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Sprayed	0.57	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	
		For Epoxy Paint, Add	*0.06*	
09 91 13 00-0146	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Sprayed	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Work >20', Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Epoxy Paint, Add	*0.11*	

09 91 13 00-0147 Paint Exterior Wood Ceilings *(09 91 13 00-0126)*

09 91 13 00-0148 Paint Exterior Smooth Wood Ceilings *(09 91 13 00-0147)*

09 91 13 00-0149	SF	Paint Exterior Wood Smooth Ceiling, 1 Coat Primer, Brush Work	1.05	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0150	SF	Paint Exterior Wood Smooth Ceiling, 1 Coat Paint, Brush Work	1.11	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0151	SF	Paint Exterior Wood Smooth Ceiling, 2 Coats Paint, Brush Work	2.00	
		For Oil Based Paint, Add	*0.11*	
		For Work >20', Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0152	SF	Paint Exterior Smooth Wood Ceiling, 1 Coat Primer, Brush/Roller Work	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0153	SF	Paint Exterior Smooth Wood Ceiling, 1 Coat Paint, Brush/Roller Work	0.91	
		For Oil Based Paint, Add	*0.05*	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0154	SF	Paint Exterior Smooth Wood Ceiling, 2 Coats Paint, Brush/Roller Work	1.60	
		For Oil Based Paint, Add	*0.10*	
		For Work >20', Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0155	SF	Paint Exterior Smooth Wood Ceiling, 1 Coat Primer, Sprayed	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0156	SF	Paint Exterior Smooth Wood Ceiling, 1 Coat Paint, Sprayed	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 13 00-0157	SF	Paint Exterior Smooth Wood Ceiling, 2 Coats Paint, Sprayed	1.07	
		For Oil Based Paint, Add	*0.07*	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

09 91 13 00-0158 Paint Exterior Rough Wood Ceilings *(09 91 13 00-0147)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0159	SF	Paint Exterior Wood Rough Ceiling, 1 Coat Primer, Brush Work	1.57	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.34*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0160	SF	Paint Exterior Wood Rough Ceiling, 1 Coat Paint, Brush Work	1.66	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.38*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0161	SF	Paint Exterior Wood Rough Ceiling, 2 Coats Paint, Brush Work	2.86	
		For Oil Based Paint, Add	*0.16*	
		For Work >20', Add	*0.65*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.94*	
		For >250 To 500, Add	*0.40*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000 To 20,000, Deduct	*-0.43*	
		For >20,000, Deduct	*-0.57*	
09 91 13 00-0162	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Primer, Brush/Roller Work	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Work >20', Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0163	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Paint, Brush/Roller Work	1.47	
		For Oil Based Paint, Add	*0.09*	
		For Work >20', Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0164	SF	Paint Exterior Rough Wood Ceiling, 2 Coats Paint, Brush/Roller Work	2.61	
		For Oil Based Paint, Add	*0.16*	
		For Work >20', Add	*0.51*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.62*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	
09 91 13 00-0165	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Primer, Sprayed	0.93	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0166	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Paint, Sprayed	1.04	
		For Oil Based Paint, Add	*0.06*	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0167	SF	Paint Exterior Rough Wood Ceiling, 2 Coats Paint, Sprayed	1.87	
		For Oil Based Paint, Add	*0.12*	
		For Work >20', Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

09 91 13 00-0168 Paint Exterior Metal Ceilings *(09 91 13 00-0126)*

09 91 13 00-0169 Paint Exterior Galvanized Ceilings *(09 91 13 00-0168)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0170	SF	Paint Exterior Galvanized Ceiling, 1 Coat Primer, Brush Work	1.06	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0171	SF	Paint Exterior Galvanized Ceiling, 1 Coat Paint, Brush Work	1.16	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0172	SF	Paint Exterior Galvanized Ceiling, 2 Coats Paint, Brush Work	2.13	
		For Work >20', Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 13 00-0173	SF	Paint Exterior Galvanized Ceiling, 1 Coat Primer, Brush/Roller Work	0.81	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0174	SF	Paint Exterior Galvanized Ceiling, 1 Coat Paint, Brush/Roller Work	0.92	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0175	SF	Paint Exterior Galvanized Ceiling, 2 Coats Paint, Brush/Roller Work	1.62	
		For Work >20', Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0176	SF	Paint Exterior Galvanized Ceiling, 1 Coat Primer, Sprayed	0.68	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0177	SF	Paint Exterior Galvanized Ceiling, 1 Coat Paint, Sprayed	0.80	
		For Work >20', Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0178	SF	Paint Exterior Galvanized Ceiling, 2 Coats Paint, Sprayed	1.26	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

09 91 13 00-0179 Paint Exterior Aluminum And Aluminum Alloy Ceilings *(09 91 13 00-0168)*

Note: Alkyd enamel paint.

09 91 13 00-0180	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush Work	1.06	
		For Work >20', Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0181	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush Work	1.16	
		For Work >20', Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0182	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush Work	2.13	
		For Work >20', Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 13 00-0183	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush/Roller Work	0.87	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0184	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush/Roller Work	0.98	
		For Work >20', Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0185	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush/Roller Work	1.75	
		For Work >20', Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0186	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Sprayed	0.68	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0187	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Sprayed	0.68	
		For Work >20', Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0188	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Sprayed	1.26	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	

09 91 13 00-0189 Paint Exterior Corrugated Metal Ceilings *(09 91 13 00-0168)*

09 91 13 00-0190	SF	Paint Exterior Corrugated Metal Ceiling, 1 Coat Primer, Sprayed	0.76	
		For Work >20', Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0191	SF	Paint Exterior Corrugated Metal Ceiling, 1 Coat Paint, Sprayed	0.88	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0192	SF	Paint Exterior Corrugated Metal Ceiling, 2 Coats Paint, Sprayed	1.58	
		For Work >20', Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

09 91 13 00-0193 Paint Exterior Floors *(09 91 13)*

09 91 13 00-0194 Paint Exterior Concrete Floors *(09 91 13 00-0193)*

09 91 13 00-0195	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Brush Work	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0196	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Brush Work	0.74	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0197	SF	Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Brush Work	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0198	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Brush/Roller Work	0.53	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 13 00-0199	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0200	SF	Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Brush/Roller Work	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0201	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Sprayed	0.37	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.20*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.07*	
09 91 13 00-0202	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Sprayed	0.46	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.09*	
09 91 13 00-0203	SF	Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Sprayed	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.10*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0204	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Non Slip Paint, Brush/Roller Work	1.46	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0205	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Anti-Slip, Single Component Epoxy Coating, Brush/Roller Work	3.21	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.32*	
		For >10,000 To 20,000, Deduct	*-0.48*	
		For >20,000, Deduct	*-0.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0206	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Anti-Slip High Performance Epoxy Coating, Brush/Roller Work	3.94	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.20*	
		For >5,000 To 10,000, Deduct	*-0.39*	
		For >10,000 To 20,000, Deduct	*-0.59*	
		For >20,000, Deduct	*-0.79*	

09 91 13 00-0207 Paint Exterior Wood Floors *(09 91 13 00-0193)*

09 91 13 00-0208	SF	Paint Exterior Wood Floors And Decks, 1 Coat Primer, Brush Work	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0209	SF	Paint Exterior Wood Floors And Decks, 1 Coat Paint, Brush Work	0.89	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0210	SF	Paint Exterior Wood Floors And Decks, 2 Coats Paint, Brush Work	1.66	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0211	SF	Paint Exterior Wood Floors And Decks, 1 Coat Primer, Brush/Roller Work	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 13 00-0212	SF	Paint Exterior Wood Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.80	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0213	SF	Paint Exterior Wood Floors And Decks, 2 Coats Paint, Brush/Roller Work	1.28	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0214	SF	Paint Exterior Wood Floors And Decks, 1 Coat Primer, Sprayed	0.48	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 13 00-0215	SF	Paint Exterior Wood Floors And Decks, 1 Coat Paint, Sprayed	0.59	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0216	SF	Paint Exterior Wood Floors And Decks, 2 Coats Paint, Sprayed	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0217	SF	Paint Exterior Wood Floors And Decks, 1 Coat Non Slip Paint, Brush Work	1.56	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0218	SF	Paint Exterior Wood Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work	4.04	
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.20*	
		For >5,000 To 10,000, Deduct	*-0.40*	
		For >10,000 To 20,000, Deduct	*-0.61*	
		For >20,000, Deduct	*-0.81*	

09 91 13 00-0219 Paint Exterior Doors And Windows *(09 91 13)*

09 91 13 00-0220 Paint Exterior Door Frames *(09 91 13 00-0219)*

09 91 13 00-0221	LF	Paint Exterior Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.11	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.29*	
09 91 13 00-0222	LF	Paint Exterior Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.45	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.37*	
09 91 13 00-0223	LF	Paint Exterior Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.47	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.64*	
09 91 13 00-0224	LF	Paint Exterior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.13	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.30*	
09 91 13 00-0225	LF	Paint Exterior Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.47	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.38*	
09 91 13 00-0226	LF	Paint Exterior Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.49	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.65*	

09 91 13 00-0227 Paint Exterior Metal Doors *(09 91 13 00-0219)*

09 91 13 00-0228	EA	Paint Exterior Metal Door, One Face, 1 Coat Primer, Brush/Roller Work	44.62	
		For Half Louvered Door, Add	*4.71*	
		For Full Louvered Door, Add	*7.85*	
		For Electrostatic Painting, Add	*6.45*	
		For >5 To 10, Deduct	*-2.23*	
		For >10 To 25, Deduct	*-4.46*	
		For >25, Deduct	*-6.69*	
09 91 13 00-0229	EA	Paint Exterior Metal Door, One Face, 1 Coat Paint, Brush/Roller Work	44.62	
		For Half Louvered Door, Add	*4.71*	
		For Full Louvered Door, Add	*7.85*	
		For Electrostatic Painting, Add	*6.45*	
		For >5 To 10, Deduct	*-2.23*	
		For >10 To 25, Deduct	*-4.46*	
		For >25, Deduct	*-6.69*	
09 91 13 00-0230	EA	Paint Exterior Metal Door, One Face, 2 Coats Paint, Brush/Roller Work	79.31	
		For Half Louvered Door, Add	*7.95*	
		For Full Louvered Door, Add	*13.26*	
		For Electrostatic Painting, Add	*11.87*	
		For >5 To 10, Deduct	*-3.97*	
		For >10 To 25, Deduct	*-7.93*	
		For >25, Deduct	*-11.90*	
09 91 13 00-0231	EA	Paint Exterior Metal Door, Both Faces, 1 Coat Primer, Brush/Roller Work	80.07	
		For Half Louvered Door, Add	*8.45*	
		For Full Louvered Door, Add	*14.08*	
		For Electrostatic Painting, Add	*11.57*	
		For >5 To 10, Deduct	*-4.00*	
		For >10 To 25, Deduct	*-8.01*	
		For >25, Deduct	*-12.01*	
09 91 13 00-0232	EA	Paint Exterior Metal Door, Both Faces, 1 Coat Paint, Brush/Roller Work	80.07	
		For Half Louvered Door, Add	*8.45*	
		For Full Louvered Door, Add	*14.08*	
		For Electrostatic Painting, Add	*11.57*	
		For >5 To 10, Deduct	*-4.00*	
		For >10 To 25, Deduct	*-8.01*	
		For >25, Deduct	*-12.01*	
09 91 13 00-0233	EA	Paint Exterior Metal Door, Both Faces, 2 Coats Paint, Brush/Roller Work	142.78	
		For Half Louvered Door, Add	*14.29*	
		For Full Louvered Door, Add	*23.81*	
		For Electrostatic Painting, Add	*21.41*	
		For >5 To 10, Deduct	*-7.14*	
		For >10 To 25, Deduct	*-14.28*	
		For >25, Deduct	*-21.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0234	EA	Paint Exterior Metal Door, One Face, 1 Coat Primer, Sprayed	36.95	
		For Half Louvered Door, Add	*3.36*	
		For Full Louvered Door, Add	*5.60*	
		For Electrostatic Painting, Add	*5.88*	
		For >5 To 10, Deduct	*-1.85*	
		For >10 To 25, Deduct	*-3.70*	
		For >25, Deduct	*-5.54*	
09 91 13 00-0235	EA	Paint Exterior Metal Door, One Face, 1 Coat Paint, Sprayed	36.95	
		For Half Louvered Door, Add	*3.36*	
		For Full Louvered Door, Add	*5.60*	
		For Electrostatic Painting, Add	*5.88*	
		For >5 To 10, Deduct	*-1.85*	
		For >10 To 25, Deduct	*-3.70*	
		For >25, Deduct	*-5.54*	
09 91 13 00-0236	EA	Paint Exterior Metal Door, One Face, 2 Coats Paint, Sprayed	66.75	
		For Half Louvered Door, Add	*5.68*	
		For Full Louvered Door, Add	*9.46*	
		For Electrostatic Painting, Add	*11.01*	
		For >5 To 10, Deduct	*-3.34*	
		For >10 To 25, Deduct	*-6.68*	
		For >25, Deduct	*-10.01*	
09 91 13 00-0237	EA	Paint Exterior Metal Door, Both Faces, 1 Coat Primer, Sprayed	66.31	
		For Half Louvered Door, Add	*6.03*	
		For Full Louvered Door, Add	*10.04*	
		For Electrostatic Painting, Add	*10.55*	
		For >5 To 10, Deduct	*-3.32*	
		For >10 To 25, Deduct	*-6.63*	
		For >25, Deduct	*-9.95*	
09 91 13 00-0238	EA	Paint Exterior Metal Door, Both Faces, 1 Coat Paint, Sprayed	66.31	
		For Half Louvered Door, Add	*6.03*	
		For Full Louvered Door, Add	*10.04*	
		For Electrostatic Painting, Add	*10.55*	
		For >5 To 10, Deduct	*-3.32*	
		For >10 To 25, Deduct	*-6.63*	
		For >25, Deduct	*-9.95*	
09 91 13 00-0239	EA	Paint Exterior Metal Door, Both Faces, 2 Coats Paint, Sprayed	120.26	
		For Half Louvered Door, Add	*10.20*	
		For Full Louvered Door, Add	*17.00*	
		For Electrostatic Painting, Add	*19.87*	
		For >5 To 10, Deduct	*-6.01*	
		For >10 To 25, Deduct	*-12.03*	
		For >25, Deduct	*-18.04*	
09 91 13 00-0240	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work	2.37	
		For Electrostatic Painting, Add	*0.27*	
09 91 13 00-0241	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work	2.46	
		For Electrostatic Painting, Add	*0.29*	
09 91 13 00-0242	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work	5.08	
		For Electrostatic Painting, Add	*0.59*	
09 91 13 00-0243	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed	2.32	
		For Electrostatic Painting, Add	*0.27*	
09 91 13 00-0244	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed	2.41	
		For Electrostatic Painting, Add	*0.29*	
09 91 13 00-0245	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed	4.68	
		For Electrostatic Painting, Add	*0.56*	

09 91 13 00-0246 Paint Exterior Wood Doors *(09 91 13 00-0219)*

09 91 13 00-0247	EA	Paint Exterior Wood Door, One Face, 1 Coat Primer, Brush/Roller Work	41.51	
		For Half Louvered Door, Add	*4.71*	
		For Full Louvered Door, Add	*7.85*	
		For >5 To 10, Deduct	*-2.08*	
		For >10 To 25, Deduct	*-4.15*	
		For >25, Deduct	*-6.23*	
09 91 13 00-0248	EA	Paint Exterior Wood Door, One Face, 1 Coat Paint, Brush/Roller Work	41.51	
		For Half Louvered Door, Add	*4.71*	
		For Full Louvered Door, Add	*7.85*	
		For >5 To 10, Deduct	*-2.08*	
		For >10 To 25, Deduct	*-4.15*	
		For >25, Deduct	*-6.23*	
09 91 13 00-0249	EA	Paint Exterior Wood Door, One Face, 2 Coats Paint, Brush/Roller Work	73.13	
		For Half Louvered Door, Add	*7.95*	
		For Full Louvered Door, Add	*13.26*	
		For >5 To 10, Deduct	*-3.66*	
		For >10 To 25, Deduct	*-7.31*	
		For >25, Deduct	*-10.97*	
09 91 13 00-0250	EA	Paint Exterior Wood Door, Both Faces, 1 Coat Primer, Brush/Roller Work	74.47	
		For Half Louvered Door, Add	*8.45*	
		For Full Louvered Door, Add	*14.08*	
		For >5 To 10, Deduct	*-3.72*	
		For >10 To 25, Deduct	*-7.45*	
		For >25, Deduct	*-11.17*	
09 91 13 00-0251	EA	Paint Exterior Wood Door, Both Faces, 1 Coat Paint, Brush/Roller Work	74.47	
		For Half Louvered Door, Add	*8.45*	
		For Full Louvered Door, Add	*14.08*	
		For >5 To 10, Deduct	*-3.72*	
		For >10 To 25, Deduct	*-7.45*	
		For >25, Deduct	*-11.17*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0252	EA	Paint Exterior Wood Door, Both Faces, 2 Coats Paint, Brush/Roller Work	131.60	
		For Half Louvered Door, Add	*14.29*	
		For Full Louvered Door, Add	*23.81*	
		For >5 To 10, Deduct	*-6.58*	
		For >10 To 25, Deduct	*-13.16*	
		For >25, Deduct	*-19.74*	
09 91 13 00-0253	EA	Paint Exterior Wood Door, One Face, 1 Coat Primer, Sprayed	33.52	
		For Half Louvered Door, Add	*3.36*	
		For Full Louvered Door, Add	*5.60*	
		For >5 To 10, Deduct	*-1.68*	
		For >10 To 25, Deduct	*-3.35*	
		For >25, Deduct	*-5.03*	
09 91 13 00-0254	EA	Paint Exterior Wood Door, One Face, 1 Coat Paint, Sprayed	33.52	
		For Half Louvered Door, Add	*3.36*	
		For Full Louvered Door, Add	*5.60*	
		For >5 To 10, Deduct	*-1.68*	
		For >10 To 25, Deduct	*-3.35*	
		For >25, Deduct	*-5.03*	
09 91 13 00-0255	EA	Paint Exterior Wood Door, One Face, 2 Coats Paint, Sprayed	59.97	
		For Half Louvered Door, Add	*5.68*	
		For Full Louvered Door, Add	*9.47*	
		For >5 To 10, Deduct	*-3.00*	
		For >10 To 25, Deduct	*-6.00*	
		For >25, Deduct	*-9.00*	
09 91 13 00-0256	EA	Paint Exterior Wood Door, Both Faces, 1 Coat Primer, Sprayed	60.16	
		For Half Louvered Door, Add	*6.03*	
		For Full Louvered Door, Add	*10.04*	
		For >5 To 10, Deduct	*-3.01*	
		For >10 To 25, Deduct	*-6.02*	
		For >25, Deduct	*-9.02*	
09 91 13 00-0257	EA	Paint Exterior Wood Door, Both Faces, 1 Coat Paint, Sprayed	60.16	
		For Half Louvered Door, Add	*6.03*	
		For Full Louvered Door, Add	*10.04*	
		For >5 To 10, Deduct	*-3.01*	
		For >10 To 25, Deduct	*-6.02*	
		For >25, Deduct	*-9.02*	
09 91 13 00-0258	EA	Paint Exterior Wood Door, Both Faces, 2 Coats Paint, Sprayed	107.96	
		For Half Louvered Door, Add	*10.20*	
		For Full Louvered Door, Add	*17.00*	
		For >5 To 10, Deduct	*-5.40*	
		For >10 To 25, Deduct	*-10.80*	
		For >25, Deduct	*-16.19*	
09 91 13 00-0259	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work	2.33	
09 91 13 00-0260	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work	2.39	
09 91 13 00-0261	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work	4.95	
09 91 13 00-0262	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed	2.27	
09 91 13 00-0263	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed	2.34	
09 91 13 00-0264	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed	4.54	

09 91 13 00-0265 Paint Exterior Metal Windows *(09 91 13 00-0219)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 13 00-0266	EA	Up To 8 SF Window Size, Paint Exterior Metal Window Including Trim	79.16	
		For Electrostatic Painting, Add	*9.23*	
		For >5 To 10, Deduct	*-3.96*	
		For >10 To 25, Deduct	*-7.92*	
		For >25, Deduct	*-11.87*	
09 91 13 00-0267	EA	>8 To 14 SF Window Size, Paint Exterior Metal Window Including Trim	94.77	
		For Electrostatic Painting, Add	*11.51*	
		For >5 To 10, Deduct	*-4.74*	
		For >10 To 25, Deduct	*-9.48*	
		For >25, Deduct	*-14.22*	
09 91 13 00-0268	EA	>14 To 20 SF Window Size, Paint Exterior Metal Window Including Trim	127.55	
		For Electrostatic Painting, Add	*15.65*	
		For >5 To 10, Deduct	*-6.38*	
		For >10 To 25, Deduct	*-12.76*	
		For >25, Deduct	*-19.13*	
09 91 13 00-0269	EA	>20 To 26 SF Window Size, Paint Exterior Metal Window Including Trim	143.60	
		For Electrostatic Painting, Add	*17.63*	
		For >5 To 10, Deduct	*-7.18*	
		For >10 To 25, Deduct	*-14.36*	
		For >25, Deduct	*-21.54*	
09 91 13 00-0270	EA	>26 To 34 SF Window Size, Paint Exterior Metal Window Including Trim	159.31	
		For Electrostatic Painting, Add	*19.53*	
		For >5 To 10, Deduct	*-7.97*	
		For >10 To 25, Deduct	*-15.93*	
		For >25, Deduct	*-23.90*	
09 91 13 00-0271	SF	>34 SF Window Size, Paint Exterior Metal Window Including Trim	5.06	
		For Electrostatic Painting, Add	*0.62*	

09 91 13 00-0272 Paint Exterior Wood Windows *(09 91 13 00-0219)*

Note: Two finish coats paint over primer.

09 91 13 00-0273	EA	Up To 8 SF Window Size, Paint Exterior Wood Window Including Trim	77.10	
		For >5 To 10, Deduct	*-3.86*	
		For >10 To 25, Deduct	*-7.71*	
		For >25, Deduct	*-11.57*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0274	EA	>8 To 14 SF Window Size, Paint Exterior Wood Window Including Trim	91.57	
		For >5 To 10, Deduct	*-4.58*	
		For >10 To 25, Deduct	*-9.16*	
		For >25, Deduct	*-13.74*	
09 91 13 00-0275	EA	>14 To 20 SF Window Size, Paint Exterior Wood Window Including Trim	123.01	
		For >5 To 10, Deduct	*-6.15*	
		For >10 To 25, Deduct	*-12.30*	
		For >25, Deduct	*-18.45*	
09 91 13 00-0276	EA	>20 To 26 SF Window Size, Paint Exterior Wood Window Including Trim	138.47	
		For >5 To 10, Deduct	*-6.92*	
		For >10 To 25, Deduct	*-13.85*	
		For >25, Deduct	*-20.77*	
09 91 13 00-0277	EA	>26 To 34 SF Window Size, Paint Exterior Wood Window Including Trim	153.67	
		For >5 To 10, Deduct	*-7.68*	
		For >10 To 25, Deduct	*-15.37*	
		For >25, Deduct	*-23.05*	
09 91 13 00-0278	SF	>34 SF Window Size, Paint Exterior Wood Window Including Trim	5.16	

09 91 13 00-0279 Paint Exterior Security Screens *(09 91 13 00-0219)*

09 91 13 00-0280	SF	Paint Exterior Security Screen, 1 Coat Primer, Brush/Roller Work	1.30	
		For Electrostatic Painting, Add	*0.16*	
09 91 13 00-0281	SF	Paint Exterior Security Screen, 1 Coat Paint, Brush/Roller Work	1.36	
		For Electrostatic Painting, Add	*0.16*	
09 91 13 00-0282	SF	Paint Exterior Security Screen, 2 Coats Paint, Brush/Roller Work	2.24	
		For Electrostatic Painting, Add	*0.26*	

09 91 13 00-0283 Paint Exterior Window Guards *(09 91 13 00-0219)*

09 91 13 00-0284	SF	Paint Exterior Metal Window Guards, 1 Coat Primer, Brush/Roller Work	1.30	
09 91 13 00-0285	SF	Paint Exterior Metal Window Guards, 1 Coat Paint, Brush/Roller Work	1.36	
09 91 13 00-0286	SF	Paint Exterior Metal Window Guards, 2 Coats Paint, Brush/Roller Work	2.24	

09 91 13 00-0287 Paint Exterior Window Trim *(09 91 13 00-0219)*

09 91 13 00-0288	LF	Paint Exterior Wood Window Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.15	
09 91 13 00-0289	LF	Paint Exterior Wood Window Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.15	
09 91 13 00-0290	LF	Paint Exterior Wood Window Frame And Trim, 2 Coats Paint, Brush/Roller Work	1.83	
09 91 13 00-0291	LF	Paint Exterior Metal Window Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.29	
09 91 13 00-0292	LF	Paint Exterior Metal Window Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.29	
09 91 13 00-0293	LF	Paint Exterior Metal Window Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.12	

09 91 13 00-0294 Paint Roofing And Trim *(09 91 13)*

09 91 13 00-0295 Paint Stain Or Seal Wood Roofing *(09 91 13 00-0294)*

09 91 13 00-0296	SF	Stain And Seal Shingles/Shake, 1 Coat, Brush/Roller Work	1.55	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
09 91 13 00-0297	SF	Stain And Seal Shingles/Shake, 2 Coats, Brush/Roller Work	2.85	
		For Up To 100, Add	*1.62*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.34*	

09 91 13 00-0298 Paint Metal Roofing *(09 91 13 00-0294)*

09 91 13 00-0299	SF	Paint Metal Roofing, 1 Coat Paint, Brush/Roller Work	0.69	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0300	SF	Paint Metal Roofing, 2 Coats Paint, Brush/Roller Work	1.21	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	

09 91 13 00-0301 Paint Fascia Board *(09 91 13 00-0294)*

09 91 13 00-0302	LF	Paint Fascia Board, 1 Coat Primer, Brush/Roller Work	0.63	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0303	LF	Paint Fascia Board, 1 Coat Paint, Brush/Roller Work	0.63	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0304	LF	Paint Fascia Board, 2 Coats Paint, Brush/Roller Work	1.11	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	

09 91 13 00-0305 Paint Soffit *(09 91 13 00-0294)*

09 91 13 00-0306	SF	Paint Soffit, 1 Coat Primer, Brush/Roller Work	0.72	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0307	SF	Paint Soffit, 1 Coat Paint, Brush/Roller Work	0.72	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0308	SF	Paint Soffit, 2 Coats Paint, Brush/Roller Work	1.24	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	

09 91 13 00-0309 Paint Site Work *(09 91 13)*

Note: Tasks can be used for exterior or interior applications.

09 91 13 00-0310 Paint Structural Steel *(09 91 13 00-0309)*

09 91 13 00-0311 Paint Structural Steel, Brush Work *(09 91 13 00-0310)*

09 91 13 00-0312	SF	Paint Structural Steel, 1 Field Coat Primer, Brush/Roller Work	0.90	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For Epoxy Paint, Add	*0.08*	
09 91 13 00-0313	SF	Paint Structural Steel, 1 Field Coat Paint, Brush/Roller Work	0.79	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.08*	

09 91 13 00-0314 Paint Structural Steel, Spray Work *(09 91 13 00-0310)*

09 91 13 00-0315	SF	Paint Structural Steel, 1 Field Coat Primer, Spray Work	0.60	
		For Electrostatic Painting, Add	*0.08*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0316	SF	Paint Structural Steel, 1 Field Coat Paint, Spray Work	0.49	
		For Electrostatic Painting, Add	*0.07*	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For Epoxy Paint, Add	*0.06*	

09 91 13 00-0317 Paint Metal Decking, Beams And Bar Joist *(09 91 13 00-0310)*

09 91 13 00-0318	SF	Paint Exposed Metal Decking, 1 Coat Primer, Sprayed	0.68	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0319	SF	Paint Exposed Metal Decking, 1 Coat Paint, Sprayed	0.68	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For Epoxy Paint, Add	*0.07*	
09 91 13 00-0320	SF	Paint Exposed Metal Decking, 2 Coats Paint, Sprayed	1.14	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0321	SF	Paint Metal Beams And Bar Joists, 1 Coat Primer, Brush/Roller Work	1.08	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0322	SF	Paint Metal Beams And Bar Joists, 1 Coat Paint, Brush/Roller Work	1.06	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0323	SF	Paint Metal Beams And Bar Joists, 2 Coats Paint, Brush/Roller Work	2.00	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0324	SF	Paint Metal Beams And Bar Joists, 1 Coat Primer, Sprayed	0.83	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0325	SF	Paint Metal Beams And Bar Joists, 1 Coat Paint, Sprayed	0.83	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0326	SF	Paint Metal Beams And Bar Joists, 2 Coats Paint, Sprayed	1.39	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For Epoxy Paint, Add	*0.18*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0327		**Paint Steel Pipes** *(09 91 13 00-0309)* Note: Includes pipe, tubes, rails, conduit, etc.		
09 91 13 00-0328	LF	Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 1 Coat Primer	1.54	
		For Electrostatic Painting, Add	*0.18*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0329	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 1 Coat Primer	1.73	
		For Electrostatic Painting, Add	*0.21*	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0330	LF	Paint Steel Pipes 4" Diameter, 1 Coat Primer	1.94	
		For Electrostatic Painting, Add	*0.23*	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0331	LF	Paint Steel Pipes 6" To 8" Diameter, 1 Coat Primer	2.44	
		For Electrostatic Painting, Add	*0.29*	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0332	LF	Paint Steel Pipes 10" To 12" Diameter 1 Coat Primer	3.09	
		For Electrostatic Painting, Add	*0.37*	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0333	LF	Paint Conduit, Steel Pipe 1/2"To 1-1/2" Diameter, 1 Coat Paint	1.54	
		For Electrostatic Painting, Add	*0.18*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0334	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 1 Coat Paint	1.73	
		For Electrostatic Painting, Add	*0.21*	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0335	LF	Paint Steel Pipes 4" Diameter, 1 Coat Paint	1.94	
		For Electrostatic Painting, Add	*0.23*	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0336	LF	Paint Steel Pipes 6" To 8" Diameter, 1 Coat Paint	2.44	
		For Electrostatic Painting, Add	*0.29*	
		For Epoxy Paint, Add	*0.22*	
09 91 13 00-0337	LF	Paint Steel Pipes 10" To 12" Diameter 1 Coat Paint	3.09	
		For Electrostatic Painting, Add	*0.37*	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0338	LF	Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 2 Coats	3.08	
		For Electrostatic Painting, Add	*0.38*	
		For Epoxy Paint, Add	*0.30*	
09 91 13 00-0339	LF	Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 2 Coats	3.46	
		For Electrostatic Painting, Add	*0.41*	
		For Epoxy Paint, Add	*0.31*	
09 91 13 00-0340	LF	Paint Steel Pipes 4" Diameter, 2 Coats	3.72	
		For Electrostatic Painting, Add	*0.45*	
		For Epoxy Paint, Add	*0.34*	
09 91 13 00-0341	LF	Paint Steel Pipes 6" To 8" Diameter, 2 Coats	4.72	
		For Electrostatic Painting, Add	*0.57*	
		For Epoxy Paint, Add	*0.42*	
09 91 13 00-0342	LF	Paint Steel Pipes 10" To 12" Diameter, 2 Coats	5.79	
		For Electrostatic Painting, Add	*0.70*	
		For Epoxy Paint, Add	*0.52*	
09 91 13 00-0343	EA	Paint Exposed Single Or Double Gang, Outlet Box, 1 Coat Paint	8.00	
		For Electrostatic Painting, Add	*0.83*	
		For Epoxy Paint, Add	*0.46*	
09 91 13 00-0344		**Paint Fencing** *(09 91 13 00-0309)* Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91 13 00-0345	SF	Paint Existing Chain Link Fence, 1 Coat Paint, Brush/Roller	0.77	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
09 91 13 00-0346	SF	Paint Existing Chain Link Fence, 2 Coats Paint, Brush/Roller	1.42	
		For Epoxy Paint, Add	*0.14*	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 91 13 00-0347	SF	Paint Existing Chain Link Fence, 1 Coat Paint, Sprayed	0.60	
		For Epoxy Paint, Add	*0.07*	
		For Electrostatic Painting, Add	*0.08*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0348	SF	Paint Existing Chain Link Fence, 2 Coats Paint, Sprayed	1.13	
		For Epoxy Paint, Add	*0.14*	
		For Electrostatic Painting, Add	*0.16*	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 91 13 00-0349	SF	Paint Wrought Iron Fence, 1 Coat Primer, Brush/Roller	0.69	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0350	SF	Paint Wrought Iron Fence, 1 Coat, Brush/Roller	0.66	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0351	SF	Paint Wrought Iron Fence, Each Additional Coat, Brush/Roller	0.45	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
09 91 13 00-0352	SF	Paint Picket Fence, 1 Coat Primer, Brush/Roller	0.93	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
09 91 13 00-0353	SF	Paint Picket Fence, 1 Coat, Brush/Roller	0.93	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
09 91 13 00-0354	SF	Paint Picket Fence, Each Additional Coat, Brush/Roller	0.65	
		For Epoxy Paint, Add	*0.05*	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0355	SF	Paint Wood Fences 1 Coat, Brush/Roller	0.66	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
09 91 13 00-0356	SF	Paint Wood Fences 2 Coats, Brush/Roller	1.15	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 91 13 00-0357	SF	Paint Wood Fences 1 Coat, Sprayed	0.46	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
09 91 13 00-0358	SF	Paint Wood Fences 2 Coats, Sprayed	0.84	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	

09 91 13 00-0359 Paint Metal Louvers *(09 91 13 00-0309)*

09 91 13 00-0360	SF	Paint Ventilation Louver, SF Of Opening Area, 1 Coat Primer, Brush/Roller Work	1.28	
		For Electrostatic Painting, Add	*0.14*	
09 91 13 00-0361	SF	Paint Ventilation Louver, SF Of Opening Area, 1 Coat Alkyd, Brush/Roller Work	1.30	
		For Electrostatic Painting, Add	*0.15*	
09 91 13 00-0362	SF	Paint Ventilation Louver, SF Of Opening Area, 2 Coats Alkyd, Brush/Roller Work	2.65	
		For Electrostatic Painting, Add	*0.31*	

09 91 13 00-0363 Paint Ladders *(09 91 13 00-0309)*

09 91 13 00-0364	LF	Paint Ladders, 1 Coat Alkyd Primer, Brush/Roller Work	3.62	
		For Epoxy Paint, Add	*0.21*	
09 91 13 00-0365	LF	Paint Ladders, 1 Coat Alkyd Enamel, Brush/Roller Work	4.04	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0366	LF	Paint Ladders, 2 Coats Alkyd Enamel, Brush/Roller Work	7.99	
		For Epoxy Paint, Add	*0.44*	

09 91 13 00-0367 Paint Handrails *(09 91 13 00-0309)*

09 91 13 00-0368	LF	Paint Hand Rail And Bracket, 1 Rail, 1 Coat Alkyd Primer, Brush/Roller Work	1.42	
		For Epoxy Paint, Add	*0.10*	
09 91 13 00-0369	LF	Paint Hand Rail And Bracket, 1 Rail, 1 Coat Alkyd Enamel, Brush/Roller Work	1.58	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0370	LF	Paint Hand Rail And Bracket, 1 Rail, 2 Coats Alkyd Enamel, Brush/Roller Work	2.61	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0371	LF	Paint Pipe Rail And Pickets, 1 Rail, 1 Coat Alkyd Primer, Brush/Roller Work	2.14	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0372	LF	Paint Pipe Rail And Pickets, 1 Rail, 1 Coat Alkyd Enamel, Brush/Roller Work	2.38	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0373	LF	Paint Pipe Rail And Pickets, 1 Rail, 2 Coats Alkyd Enamel, Brush/Roller Work	4.18	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0374	LF	Paint Pipe Rail And Pickets, 2 Rails, 1 Coat Alkyd Primer, Brush/Roller Work	2.34	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0375	LF	Paint Pipe Rail And Pickets, 2 Rails, 1 Coat Alkyd Enamel, Brush/Roller Work	2.60	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0376	LF	Paint Pipe Rail And Pickets, 2 Rails, 2 Coats Alkyd Enamel, Brush/Roller Work	4.49	
		For Epoxy Paint, Add	*0.28*	
09 91 13 00-0377	LF	Paint Balustrades, 1 Coat Alkyd Primer, Brush/Roller Work	1.49	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0378	LF	Paint Balustrades, 1 Coat Alkyd Enamel, Brush/Roller Work	1.65	
		For Epoxy Paint, Add	*0.15*	
09 91 13 00-0379	LF	Paint Balustrades, 2 Coats Alkyd Enamel, Brush/Roller Work	2.99	
		For Epoxy Paint, Add	*0.28*	

09 91 13 00-0380 Paint Grating *(09 91 13 00-0309)*

09 91 13 00-0381	SF	Paint Gratings And Frames, 1 Coat Primer, Brush/Roller Work	2.61	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0382	SF	Paint Gratings And Frames, 1 Coat Paint, Brush/Roller Work	2.64	
		For Epoxy Paint, Add	*0.17*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0383	SF	Paint Gratings And Frames, 2 Coats Paint, Brush/Roller Work	3.94	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0384		Equipment And Tanks *(09 91 13 00-0309)*		
09 91 13 00-0385		Valves, Primer And Finish Coats *(09 91 13 00-0384)*		
09 91 13 00-0386	EA	Prime And Paint 4" And Smaller Valve	25.87	
09 91 13 00-0387	EA	Prime And Paint 6" To 10" Valve	31.54	
09 91 13 00-0388	EA	Prime And Paint 12" To 18" Valve	41.63	
09 91 13 00-0389	EA	Prime And Paint 20" To 24" Valve	56.17	
09 91 13 00-0390	EA	Prime And Paint >24" To 36" Valve	76.36	
09 91 13 00-0391	EA	Prime And Paint >36" To 48" Valve	103.47	
09 91 13 00-0392		Pumps And Motors. Primer And Finish Coats *(09 91 13 00-0384)*		
09 91 13 00-0393	EA	Prime And Paint Pump Under 1 HP	78.85	
09 91 13 00-0394	EA	Prime And Paint Pump, 1 HP To 5 HP	102.77	
09 91 13 00-0395	EA	Prime And Paint Pump, >5 HP To 10 HP	122.26	
09 91 13 00-0396	EA	Prime And Paint Pump, >10 HP To 20 HP	136.08	
09 91 13 00-0397	EA	Prime And Paint Pump, >20 HP To 30 HP	158.76	
09 91 13 00-0398	EA	Prime And Paint Pump, >30 HP To 50 HP	181.45	
09 91 13 00-0399	EA	Prime And Paint Pump, >50 HP To 75 HP	199.72	
09 91 13 00-0400	EA	Prime And Paint Pump, >75 HP	226.83	
09 91 13 00-0401		Storage Tanks *(09 91 13 00-0384)*		
09 91 13 00-0402	SF	Paint Storage Tank, Exterior Surface, 1 Coat Primer, Roller	0.95	
09 91 13 00-0403	SF	Paint Storage Tank, Exterior Surface, 1 Coat Paint, Roller	1.23	
09 91 13 00-0404	SF	Paint Storage Tank, Exterior Surface, 2 Coats Paint, Roller	2.34	
09 91 13 00-0405	SF	Paint Storage Tank, Interior Surface, 1 Coat Primer, Roller	1.32	
09 91 13 00-0406	SF	Paint Storage Tank, Interior Surface, 1 Coat Paint, Roller	1.66	
09 91 13 00-0407	SF	Paint Storage Tank, Interior Surface, 2 Coats Paint, Roller	3.16	
09 91 13 00-0408	SF	Paint Storage Tank, Exterior Surface, 1 Coat Primer, Spray	0.92	
09 91 13 00-0409	SF	Paint Storage Tank, Exterior Surface, 1 Coat Paint, Spray	1.08	
09 91 13 00-0410	SF	Paint Storage Tank, Exterior Surface, 2 Coats Paint, Spray	2.09	
09 91 13 00-0411	SF	Paint Storage Tank, Interior Surface, 1 Coat Primer, Spray	1.07	
09 91 13 00-0412	SF	Paint Storage Tank, Interior Surface, 1 Coat Paint, Spray	1.37	
09 91 13 00-0413	SF	Paint Storage Tank, Interior Surface, 2 Coats Paint, Spray	2.65	
09 91 13 00-0414		Other Site Work Painting *(09 91 13 00-0309)*		
09 91 13 00-0415		Paint Shutters Or Blinds, Solid Panel *(09 91 13 00-0414)*		
09 91 13 00-0416	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat Primer, Brush Work	2.82	
09 91 13 00-0417	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat, Brush Work	2.83	
09 91 13 00-0418	SF	Paint Shutter Or Blinds, Solid Panel, 2 Coats, Brush Work	5.03	
09 91 13 00-0419	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat Primer, Sprayed	1.55	
09 91 13 00-0420	SF	Paint Shutter Or Blinds, Solid Panel, 1 Coat, Sprayed	1.55	
09 91 13 00-0421	SF	Paint Shutter Or Blinds, Solid Panel, 2 Coats, Sprayed	2.87	
09 91 13 00-0422		Paint Shutters Or Blinds, Louvered Panel *(09 91 13 00-0414)*		
09 91 13 00-0423	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat Primer, Brush Work	3.51	
09 91 13 00-0424	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat, Brush Work	3.52	
09 91 13 00-0425	SF	Paint Shutter Or Blinds, Louvered Panel, 2 Coats, Brush Work	6.24	
09 91 13 00-0426	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat Primer, Sprayed	1.90	
09 91 13 00-0427	SF	Paint Shutter Or Blinds, Louvered Panel, 1 Coat, Sprayed	1.90	
09 91 13 00-0428	SF	Paint Shutter Or Blinds, Louvered Panel, 2 Coats, Sprayed	3.52	
09 91 13 00-0429		Paint Flagpoles *(09 91 13 00-0414)*		
09 91 13 00-0430	EA	Paint Steel Flagpole, 20' High, 1 Coat Paint	171.52	
09 91 13 00-0431	EA	Paint Steel Flagpole, 30' High, 1 Coat Paint	230.63	
09 91 13 00-0432	EA	Paint Steel Flagpole, 40' High, 1 Coat Paint	289.77	
09 91 13 00-0433	EA	Paint Steel Flagpole, 50' High, 1 Coat Paint	348.92	
09 91 13 00-0434	EA	Paint Steel Flagpole, 70' High, 1 Coat Paint	457.37	
09 91 13 00-0435	EA	Paint Steel Flagpole, 80' High, 1 Coat Paint	515.29	
09 91 13 00-0436	EA	Paint Steel Flagpole, 90' High, 1 Coat Paint	573.21	
09 91 13 00-0437		Paint Lattice Or Trellis *(09 91 13 00-0414)*		
09 91 13 00-0438	SF	Paint Wood Lattice Or Trellis 1 Coat, Spray Per Side	1.23	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0439	SF	Paint Wood Lattice Or Trellis 2 Coats, Spray Per Side	2.25	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
09 91 13 00-0440		Paint Exterior Stairs *(09 91 13)*		
09 91 13 00-0441		Paint Exterior Concrete Stairs *(09 91 13 00-0440)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0442	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	15.65	
09 91 13 00-0443	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	15.65	
09 91 13 00-0444	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work	19.10	
09 91 13 00-0445	RSR	Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	29.02	
09 91 13 00-0446	RSR	Paint Exterior Concrete Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	31.30	
09 91 13 00-0447		**Paint Exterior Metal Stairs** *(09 91 13 00-0440)*		
09 91 13 00-0448	RSR	Paint Exterior Metal Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	8.12	
		For Oil Based Paint, Add	*0.43*	
09 91 13 00-0449	RSR	Paint Exterior Metal Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	8.12	
		For Oil Based Paint, Add	*0.43*	
09 91 13 00-0450	RSR	Paint Exterior Metal Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	16.24	
		For Oil Based Paint, Add	*0.86*	
09 91 13 00-0451		**Paint Exterior Wood Stairs** *(09 91 13 00-0440)*		
09 91 13 00-0452	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	8.01	
09 91 13 00-0453	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	8.00	
09 91 13 00-0454	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work	11.45	
09 91 13 00-0455	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	21.37	
09 91 13 00-0456	RSR	Paint Exterior Wood Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	16.01	
09 91 13 00-0457		**Paint Exterior Stair Nosing** *(09 91 13 00-0440)*		
09 91 13 00-0458	LF	Paint Exterior Yellow Stair Safety Strip, Up To 2", Non Slip, Brush Work	1.53	
09 91 13 00-0459		**Paint Exterior Trim** *(09 91 13)*		
09 91 13 00-0460		**Paint Exterior Metal Trim And Gutters** *(09 91 13 00-0459)*		
09 91 13 00-0461	SF	Paint Exterior Exposed Metal Trim, 1 Coat Primer, Brush Work	1.12	
09 91 13 00-0462	SF	Paint Exterior Exposed Metal Trim, 1 Coat Paint, Brush Work	1.12	
09 91 13 00-0463	SF	Paint Exterior Exposed Metal Trim, 2 Coats Paint, Brush Work	2.02	
09 91 13 00-0464	SF	Paint Exterior Metal Trim, 1 Coat Primer, Brush/Roller Work	0.90	
09 91 13 00-0465	SF	Paint Exterior Metal Trim, 1 Coat Paint, Brush/Roller Work	1.01	
09 91 13 00-0466	SF	Paint Exterior Metal Trim, 2 Coats Paint, Brush/Roller Work	1.80	
09 91 13 00-0467	LF	Paint Exterior Gutter And Downspout, 1 Coat Paint, Brush Work	1.63	
09 91 13 00-0468	LF	Paint Exterior Gutter And Downspout, 2 Coats Paint, Brush Work	2.16	
09 91 13 00-0469		**Paint Exterior Wood Trim** *(09 91 13 00-0459)*		
09 91 13 00-0470	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush Work	1.47	
		For Oil Based Paint, Add	*0.08*	
09 91 13 00-0471	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush Work	1.60	
		For Oil Based Paint, Add	*0.09*	
09 91 13 00-0472	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush Work	2.89	
		For Oil Based Paint, Add	*0.17*	
09 91 13 00-0473	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush/Roller Work	1.15	
		For Oil Based Paint, Add	*0.07*	
09 91 13 00-0474	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush/Roller Work	1.28	
		For Oil Based Paint, Add	*0.07*	
09 91 13 00-0475	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush/Roller Work	2.38	
		For Oil Based Paint, Add	*0.14*	
09 91 13 00-0476		**Paint Exterior Miscellaneous Metal Surfaces** *(09 91 13)*		
09 91 13 00-0477	SF	Paint Exterior Miscellaneous Metal Surfaces, 1 Coat Alkyd Primer, Brush/Roller Work	1.20	
		For Epoxy Paint, Add	*0.12*	
		For Electrostatic Painting, Add	*0.15*	
09 91 13 00-0478	SF	Paint Exterior Miscellaneous Metal Surfaces, 1 Coat Alkyd Enamel, Brush/Roller Work	1.13	
		For Epoxy Paint, Add	*0.10*	
		For Electrostatic Painting, Add	*0.13*	
09 91 13 00-0479	SF	Paint Exterior Miscellaneous Metal Surfaces, 2 Coats Alkyd Enamel, Brush/Roller Work	2.29	
		For Epoxy Paint, Add	*0.20*	
		For Electrostatic Painting, Add	*0.27*	
09 91 23		**Interior Painting** *(09 91)*		
		Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels.		
09 91 23 00-0001		**Paint Interior Walls** *(09 91 23)*		
09 91 23 00-0002		**Paint Interior Brick Walls** *(09 91 23 00-0001)*		
09 91 23 00-0003	SF	Paint Interior Brick Walls, 1 Coat Filler, Brush Work	0.98	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0004	SF	Paint Interior Brick Walls, 1 Coat Paint, Brush Work	1.12	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0005	SF	Paint Interior Brick Walls, 2 Coats Paint, Brush Work	1.99	
		For Oil Based Paint, Add	*0.11*	
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 23 00-0006	SF	Paint Interior Brick Walls, 1 Coat Filler, Brush/Roller Work	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0007	SF	Paint Interior Brick Walls, 1 Coat Paint, Brush/Roller Work	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0008	SF	Paint Interior Brick Walls, 2 Coats Paint, Brush/Roller Work	1.64	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0009	SF	Paint Interior Brick Walls, 1 Coat Filler, Sprayed	0.61	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0010	SF	Paint Interior Brick Walls, 1 Coat Paint, Sprayed	0.66	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0011	SF	Paint Interior Brick Walls, 2 Coats Paint, Sprayed	1.15	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0012	SF	Paint Interior Brick Walls, 1 Coat Bonding Agent, Brush Work	1.00	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0013	SF	Paint Interior Brick Walls, 1 Coat Bonding Agent, Brush/Roller Work	0.81	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0014	SF	Paint Interior Brick Walls, 1 Coat Bonding Agent, Spray	0.64	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0015		Paint Interior Concrete Walls *(09 91 23 00-0001)*		
09 91 23 00-0016	SF	Paint Interior Concrete Walls, 1 Coat Filler, Brush Work	0.83	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0017	SF	Paint Interior Concrete Walls, 1 Coat Paint, Brush Work	0.92	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0018	SF	Paint Interior Concrete Walls, 2 Coats Paint, Brush Work	1.69	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
09 91 23 00-0019	SF	Paint Interior Concrete Walls, 1 Coat Filler, Brush/Roller Work	0.67	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0020	SF	Paint Interior Concrete Walls, 1 Coat Paint, Brush/Roller Work	0.77	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0021	SF	Paint Interior Concrete Walls, 2 Coats Paint, Brush/Roller Work	1.38	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0022	SF	Paint Interior Concrete Walls, 1 Coat Filler, Sprayed	0.49	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 23 00-0023	SF	Paint Interior Concrete Walls, 1 Coat Paint, Sprayed	0.57	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0024	SF	Paint Interior Concrete Walls, 2 Coats Paint, Sprayed	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0025	SF	Paint Interior Concrete Walls, 1 Coat Bonding Agent, Brush Work	0.85	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0026	SF	Paint Interior Concrete Walls, 1 Coat Bonding Agent, Brush/Roller Work	0.69	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0027	SF	Paint Interior Concrete Walls, 1 Coat Bonding Agent, Sprayed	0.51	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	

09 91 23 00-0028 Paint Interior Concrete Block Walls *(09 91 23 00-0001)*

09 91 23 00-0029 Paint Interior Concrete Block Walls, Epoxy Paint *(09 91 23 00-0028)*

09 91 23 00-0030	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Brush Work	1.13	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0031	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Brush	1.31	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0032	SF	Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Brush Work	2.33	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 91 23 00-0033	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Brush/Roller Work	0.91	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0034	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Brush/Roller Work	1.02	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0035	SF	Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Brush/Roller Work	1.90	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0036	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Sprayed	0.66	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0037	SF	Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Sprayed	0.82	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0038	SF	Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Sprayed	1.45	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

09 91 23 00-0039 Paint Interior Concrete Block Walls, Acrylic Latex Paint *(09 91 23 00-0028)*

09 91 23 00-0040	SF	Paint Interior Concrete Block Walls, 1 Coat Filler, Brush Work	1.07	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0041	SF	Paint Interior Concrete Block Walls, 1 Coat Paint, Brush Work	1.25	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0042	SF	Paint Interior Concrete Block Walls, 2 Coats Paint, Brush Work	2.26	
		For Oil Based Paint, Add	*0.13*	
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 23 00-0043	SF	Paint Interior Concrete Block Walls, Texture Coat, Brush Work	1.39	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0044	SF	Paint Interior Concrete Block Walls, 1 Coat Filler, Brush/Roller Work	0.90	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0045	SF	Paint Interior Concrete Block Walls, 1 Coat Paint, Brush/Roller Work	1.05	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0046	SF	Paint Interior Concrete Block Walls, 2 Coats Paint, Brush/Roller Work	1.87	
		For Oil Based Paint, Add	*0.11*	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0047	SF	Paint Interior Concrete Block Walls, Texture Coat, Brush/Roller Work	1.18	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0048	SF	Paint Interior Concrete Block Walls, 1 Coat Filler, Sprayed	0.69	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0049	SF	Paint Interior Concrete Block Walls, 1 Coat Paint, Sprayed	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0050	SF	Paint Interior Concrete Block Walls, 2 Coats Paint, Sprayed	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0051	SF	Paint Interior Concrete Block Walls, Texture Coat, Sprayed	0.92	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	

09 91 23 00-0052 Paint Interior Concrete Block Walls With Bonding Agent *(09 91 23 00-0028)*

09 91 23 00-0053	SF	Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Brush	1.09	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0054	SF	Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Brush/Roller Work	0.92	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0055	SF	Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Sprayed	0.72	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	

09 91 23 00-0056 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0001)*

09 91 23 00-0057 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0056)*

09 91 23 00-0058	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush Work	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0059	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Brush Work	0.94	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.14*	
		For Epoxy Paint, Add	*0.07*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0060	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush Work	1.69	
		For Oil Based Paint, Add	*0.09*	
		For Orange Peel Finish, Add	*0.24*	
		For Epoxy Paint, Add	*0.14*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
09 91 23 00-0061	SF	Paint Interior Plaster/Drywall Walls, 3 Coats Paint, Brush	2.41	
		For Oil Based Paint, Add	*0.13*	
		For Orange Peel Finish, Add	*0.34*	
		For Epoxy Paint, Add	*0.20*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*1.65*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 23 00-0062	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush/Roller Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.09*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0063	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Brush/Roller Work	0.79	
		For Oil Based Paint, Add	*0.04*	
		For Orange Peel Finish, Add	*0.11*	
		For Epoxy Paint, Add	*0.07*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0064	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush/Roller Work	1.37	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.19*	
		For Epoxy Paint, Add	*0.13*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0065	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Sprayed	0.48	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 23 00-0066	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Sprayed	0.57	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.11*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0067	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Sprayed	0.91	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Each Coat With Egg Shell Finish, Add	*0.01*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0068		Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint *(09 91 23 00-0056)*		
09 91 23 00-0069	SF	Paint Interior Plaster/Drywall Or Masonry Walls, 2 Tone Polymix With Base Coat, Sprayed	1.45	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0070	SF	Paint Interior Plaster/Drywall Or Masonry Walls, 3 Tone Polymix With Base Coat, Sprayed	1.56	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0071	SF	Paint Interior Plaster/Drywall Or Masonry Walls, 4 Tone Polymix With Base Coat, Sprayed	1.67	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0072		Paint Interior Plaster/Drywall Walls, Acoustic Texture *(09 91 23 00-0056)*		
09 91 23 00-0073	SF	Paint Interior Plaster/Drywall Walls, Acoustic Texture, 1 Coat Primer, Sprayed	0.63	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0074	SF	Paint Interior Plaster/Drywall Walls, Acoustic Texture, 1 Coat Finish, Sprayed	0.75	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0075	SF	Paint Interior Plaster/Drywall Walls, Acoustic Texture, 2 Coats Finish, Sprayed	1.15	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0076	SF	Paint Interior Plaster/Drywall Walls, Stipple Finish (Drippowder)	1.40	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0077		Paint Interior Metal Walls *(09 91 23 00-0001)*		
09 91 23 00-0078		Paint Interior Galvanized Walls *(09 91 23 00-0077)*		
		Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0079	SF	Paint Interior Galvanized Wall Surfaces, 1 Coat Primer, Brush Work	1.03	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0080	SF	Paint Interior Galvanized Wall Surfaces, 1 Coat Paint, Brush Work	1.15	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0081	SF	Paint Interior Galvanized Wall Surfaces, 2 Coats Paint, Brush Work	2.08	
		For Electrostatic Painting, Add	*0.27*	
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
09 91 23 00-0082	SF	Paint Interior Galvanized Walls, 1 Coat Primer, Brush/Roller Work	0.77	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0083	SF	Paint Interior Galvanized Wall , 1 Coat Paint, Brush/Roller Work	0.89	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0084	SF	Paint Interior Galvanized Walls, 2 Coats Paint, Brush/Roller Work	1.66	
		For Electrostatic Painting, Add	*0.22*	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0085	SF	Paint Interior Galvanized Walls, 1 Coat Primer, Sprayed	0.55	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.11*	
09 91 23 00-0086	SF	Paint Interior Galvanized Walls, 1 Coat Paint, Sprayed	0.74	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0087	SF	Paint Interior Galvanized Walls, 2 Coats Paint, Sprayed	1.22	
		For Electrostatic Painting, Add	*0.19*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

09 91 23 00-0088 Paint Interior Aluminum And Aluminum Alloy Walls *(09 91 23 00-0077)*

Note: Alkyd enamel paint.

09 91 23 00-0089	SF	Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Primer, Brush Work	1.03	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0090	SF	Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Paint, Brush Work	1.15	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0091	SF	Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 2 Coats Paint, Brush Work	2.08	
		For Electrostatic Painting, Add	*0.27*	
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	
09 91 23 00-0092	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Brush/Roller Work	0.83	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0093	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Brush/Roller Work	0.94	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0094	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Brush/Roller Work	1.77	
		For Electrostatic Painting, Add	*0.24*	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0095	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Sprayed	0.60	
		For Electrostatic Painting, Add	*0.09*	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0096	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Sprayed	0.74	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0097	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Sprayed	1.22	
		For Electrostatic Painting, Add	*0.19*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

09 91 23 00-0098 Paint Interior Corrugated Metal Walls *(09 91 23 00-0077)*

09 91 23 00-0099	SF	Paint Interior Corrugated Metal Walls, 1 Coat Primer, Sprayed	0.69	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0100	SF	Paint Interior Corrugated Metal Walls, 1 Coat Paint, Sprayed	0.95	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0101	SF	Paint Interior Corrugated Metal Walls, 2 Coats Paint, Sprayed	1.54	
		For Electrostatic Painting, Add	*0.23*	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

09 91 23 00-0102 Paint Interior Stucco Walls *(09 91 23 00-0001)*

09 91 23 00-0103	SF	Paint Interior Stucco Wall Surfaces, 1 Coat Primer, Brush Work	1.45	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0104	SF	Paint Interior Stucco Wall Surfaces, 1 Coat Paint, Brush Work	1.59	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0105	SF	Paint Interior Stucco Wall Surfaces, 2 Coats Paint, Brush Work	2.80	
		For Oil Based Paint, Add	*0.16*	
		For Up To 100, Add	*1.92*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.42*	
		For >20,000, Deduct	*-0.56*	
09 91 23 00-0106	SF	Paint Interior Stucco Walls, 1 Coat Primer, Brush/Roller Work	1.09	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0107	SF	Paint Interior Stucco Walls, 1 Coat Paint, Brush/Roller Work	1.22	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0108	SF	Paint Interior Stucco Walls, 2 Coats Paint, Brush/Roller Work	2.23	
		For Oil Based Paint, Add	*0.13*	
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.45*	
09 91 23 00-0109	SF	Paint Interior Stucco Walls, 1 Coat Primer, Sprayed	0.69	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0110		SF	Paint Interior Stucco Walls, 1 Coat Paint, Sprayed	0.84	
			For Oil Based Paint, Add	*0.05*	
			For Up To 100, Add	*0.52*	
			For >100 To 250, Add	*0.25*	
			For >250 To 500, Add	*0.11*	
			For >2,500 To 5,000, Deduct	*-0.04*	
			For >5,000 To 10,000, Deduct	*-0.08*	
			For >10,000 To 20,000, Deduct	*-0.13*	
			For >20,000, Deduct	*-0.17*	
09 91 23 00-0111		SF	Paint Interior Stucco Walls, 2 Coats Paint, Sprayed	1.64	
			For Oil Based Paint, Add	*0.10*	
			For Up To 100, Add	*1.03*	
			For >100 To 250, Add	*0.49*	
			For >250 To 500, Add	*0.21*	
			For >2,500 To 5,000, Deduct	*-0.08*	
			For >5,000 To 10,000, Deduct	*-0.16*	
			For >10,000 To 20,000, Deduct	*-0.25*	
			For >20,000, Deduct	*-0.33*	

09 91 23 00-0112 Paint Interior Wood Walls *(09 91 23 00-0001)*

09 91 23 00-0113 Interior Wood Walls *(09 91 23 00-0112)*

09 91 23 00-0114		SF	Paint Interior Wood Wall Surfaces, 1 Coat Paint, Brush Work	1.09	
			For Oil Based Paint, Add	*0.06*	
			For Up To 100, Add	*0.75*	
			For >100 To 250, Add	*0.35*	
			For >250 To 500, Add	*0.15*	
			For >2,500 To 5,000, Deduct	*-0.05*	
			For >5,000 To 10,000, Deduct	*-0.11*	
			For >10,000 To 20,000, Deduct	*-0.16*	
			For >20,000, Deduct	*-0.22*	
09 91 23 00-0115		SF	Paint Interior Wood Wall Surfaces, 2 Coats Paint, Brush Work	1.96	
			For Oil Based Paint, Add	*0.11*	
			For Up To 100, Add	*1.34*	
			For >100 To 250, Add	*0.63*	
			For >250 To 500, Add	*0.27*	
			For >2,500 To 5,000, Deduct	*-0.10*	
			For >5,000 To 10,000, Deduct	*-0.20*	
			For >10,000 To 20,000, Deduct	*-0.29*	
			For >20,000, Deduct	*-0.39*	
09 91 23 00-0116		SF	Paint Interior Wood Wall Surfaces, 3 Coats Paint, Brush Work	2.79	
			For Oil Based Paint, Add	*0.16*	
			For Up To 100, Add	*1.90*	
			For >100 To 250, Add	*0.90*	
			For >250 To 500, Add	*0.39*	
			For >2,500 To 5,000, Deduct	*-0.14*	
			For >5,000 To 10,000, Deduct	*-0.28*	
			For >10,000 To 20,000, Deduct	*-0.42*	
			For >20,000, Deduct	*-0.56*	
09 91 23 00-0117		SF	Paint Interior Wood Walls, 1 Coat Primer, Brush/Roller Work	0.76	
			For Oil Based Paint, Add	*0.04*	
			For Up To 100, Add	*0.50*	
			For >100 To 250, Add	*0.24*	
			For >250 To 500, Add	*0.10*	
			For >2,500 To 5,000, Deduct	*-0.04*	
			For >5,000 To 10,000, Deduct	*-0.08*	
			For >10,000 To 20,000, Deduct	*-0.11*	
			For >20,000, Deduct	*-0.15*	
09 91 23 00-0118		SF	Paint Interior Wood Walls, 1 Coat Paint, Brush/Roller Work	0.87	
			For Oil Based Paint, Add	*0.05*	
			For Up To 100, Add	*0.59*	
			For >100 To 250, Add	*0.28*	
			For >250 To 500, Add	*0.12*	
			For >2,500 To 5,000, Deduct	*-0.04*	
			For >5,000 To 10,000, Deduct	*-0.09*	
			For >10,000 To 20,000, Deduct	*-0.13*	
			For >20,000, Deduct	*-0.17*	
09 91 23 00-0119		SF	Paint Interior Wood Walls, 2 Coats Paint, Brush/Roller Work	1.51	
			For Oil Based Paint, Add	*0.09*	
			For Up To 100, Add	*1.01*	
			For >100 To 250, Add	*0.48*	
			For >250 To 500, Add	*0.21*	
			For >2,500 To 5,000, Deduct	*-0.08*	
			For >5,000 To 10,000, Deduct	*-0.15*	
			For >10,000 To 20,000, Deduct	*-0.23*	
			For >20,000, Deduct	*-0.30*	
09 91 23 00-0120		SF	Paint Interior Wood Walls, 1 Coat Primer, Sprayed	0.48	
			For Oil Based Paint, Add	*0.03*	
			For Up To 100, Add	*0.28*	
			For >100 To 250, Add	*0.14*	
			For >250 To 500, Add	*0.06*	
			For >2,500 To 5,000, Deduct	*-0.02*	
			For >5,000 To 10,000, Deduct	*-0.05*	
			For >10,000 To 20,000, Deduct	*-0.07*	
			For >20,000, Deduct	*-0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0121	SF	Paint Interior Wood Walls, 1 Coat Paint, Sprayed	0.61	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	
09 91 23 00-0122	SF	Paint Interior Wood Walls, 2 Coats Paint, Sprayed	1.12	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

09 91 23 00-0123 Paint Interior Ceilings *(09 91 23)*

09 91 23 00-0124 Paint Interior Acoustical Ceilings *(09 91 23 00-0123)*

Note: Includes grid.

09 91 23 00-0125	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush Work	0.96	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0126	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush Work	1.06	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0127	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush Work	1.86	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0128	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush/Roller Work	0.82	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0129	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush/Roller Work	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0130	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush/Roller Work	1.49	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0131	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Sprayed	0.64	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0132	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Sprayed	0.63	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0133	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Sprayed	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

09 91 23 00-0134 Paint Interior Concrete Ceilings *(09 91 23 00-0123)*

09 91 23 00-0135	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Brush Work	0.95	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0136	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Brush Work	1.05	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.08*	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0137	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Brush Work	1.86	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.14*	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0138	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0139	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0140	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work	1.49	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0141	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Sprayed	0.60	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0142	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Sprayed	0.63	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0143	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Sprayed	0.98	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0144	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush Work	0.97	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0145	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush/Roller	0.74	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0146	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Sprayed	0.62	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.12*	

09 91 23 00-0147 Paint Interior Drywall/Plaster Ceilings *(09 91 23 00-0123)*

09 91 23 00-0148	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work	0.96	
		For Epoxy Paint, Add	*0.08*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.14*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0149	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work	1.06	
		For Epoxy Paint, Add	*0.08*	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.15*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0150	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work	1.86	
		For Epoxy Paint, Add	*0.14*	
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.27*	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0151	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work	0.82	
		For Epoxy Paint, Add	*0.07*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0152	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work	0.81	
		For Epoxy Paint, Add	*0.07*	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0153	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work	1.49	
		For Epoxy Paint, Add	*0.13*	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.21*	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0154	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Sprayed	0.64	
		For Epoxy Paint, Add	*0.07*	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0155	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Sprayed	0.63	
		For Epoxy Paint, Add	*0.06*	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.09*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0156	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Sprayed	0.99	
		For Epoxy Paint, Add	*0.11*	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

09 91 23 00-0157 Paint Interior Metal Ceilings *(09 91 23 00-0123)*

09 91 23 00-0158 Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0157)*

Note: Linseed oil or acrylic latex paint.

09 91 23 00-0159	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Brush Work	1.15	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0160	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Brush Work	1.27	
		For Electrostatic Painting, Add	*0.16*	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0161	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Brush Work	2.32	
		For Electrostatic Painting, Add	*0.29*	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0162	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Brush/Roller Work	0.88	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0163	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Brush/Roller Work	1.00	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0164	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Brush/Roller Work	1.84	
		For Electrostatic Painting, Add	*0.23*	
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0165	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Sprayed	0.74	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0166	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Sprayed	0.86	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0167	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Sprayed	1.35	
		For Electrostatic Painting, Add	*0.20*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

09 91 23 00-0168 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0157)*

Note: Alkyd enamel paint.

09 91 23 00-0169	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush Work	1.15	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0170	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush Work	1.27	
		For Electrostatic Painting, Add	*0.16*	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0171	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush Work	2.32	
		For Electrostatic Painting, Add	*0.29*	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0172	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush/Roller Work	0.94	
		For Electrostatic Painting, Add	*0.13*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0173	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush/Roller Work	1.06	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0174	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush/Roller Work	2.01	
		For Electrostatic Painting, Add	*0.27*	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 23 00-0175	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Sprayed	0.74	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0176	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Sprayed	0.86	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0177	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Sprayed	1.35	
		For Electrostatic Painting, Add	*0.20*	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

09 91 23 00-0178 Paint Interior Ceiling Tile Grid *(09 91 23 00-0157)*

Note: Grid only.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0179	LF	Paint Interior Ceiling Tile Grid, 1 Coat Paint, Brush/Roller Work	0.25	
		For Electrostatic Painting, Add	*0.03*	
		For Up To 100, Add	*0.17*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	
09 91 23 00-0180	LF	Paint Interior Ceiling Tile Grid, 2 Coats Paint, Brush/Roller Work	0.51	
		For Electrostatic Painting, Add	*0.06*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	

09 91 23 00-0181 Paint Interior Corrugated Metal Ceilings *(09 91 23 00-0157)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0182	SF	Paint Interior Corrugated Metal Ceiling, 1 Coat Primer, Sprayed	0.99	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0183		SF	Paint Interior Corrugated Metal Ceiling, 1 Coat Paint, Sprayed	1.16	
			For Electrostatic Painting, Add	*0.16*	
			For Up To 100, Add	*0.69*	
			For >100 To 250, Add	*0.33*	
			For >250 To 500, Add	*0.14*	
			For >2,500 To 5,000, Deduct	*-0.06*	
			For >5,000 To 10,000, Deduct	*-0.12*	
			For >10,000 To 20,000, Deduct	*-0.17*	
			For >20,000, Deduct	*-0.23*	
09 91 23 00-0184		SF	Paint Interior Corrugated Metal Ceiling, 2 Coats Paint, Sprayed	1.81	
			For Electrostatic Painting, Add	*0.27*	
			For Up To 100, Add	*1.00*	
			For >100 To 250, Add	*0.48*	
			For >250 To 500, Add	*0.21*	
			For >2,500 To 5,000, Deduct	*-0.09*	
			For >5,000 To 10,000, Deduct	*-0.18*	
			For >10,000 To 20,000, Deduct	*-0.27*	
			For >20,000, Deduct	*-0.36*	

09 91 23 00-0185 Paint Interior Wood Ceilings *(09 91 23 00-0123)*

09 91 23 00-0186 Paint Interior Smooth Wood Ceilings *(09 91 23 00-0185)*

09 91 23 00-0187		SF	Paint Interior Wood Smooth Ceiling, 1 Coat Primer, Brush Work	1.15	
			For Oil Based Paint, Add	*0.07*	
			For Up To 100, Add	*0.77*	
			For >100 To 250, Add	*0.37*	
			For >250 To 500, Add	*0.16*	
			For >2,500 To 5,000, Deduct	*-0.06*	
			For >5,000 To 10,000, Deduct	*-0.12*	
			For >10,000 To 20,000, Deduct	*-0.17*	
			For >20,000, Deduct	*-0.23*	
09 91 23 00-0188		SF	Paint Interior Wood Smooth Ceiling, 1 Coat Paint, Brush Work	1.21	
			For Oil Based Paint, Add	*0.07*	
			For Up To 100, Add	*0.83*	
			For >100 To 250, Add	*0.39*	
			For >250 To 500, Add	*0.17*	
			For >2,500 To 5,000, Deduct	*-0.06*	
			For >5,000 To 10,000, Deduct	*-0.12*	
			For >10,000 To 20,000, Deduct	*-0.18*	
			For >20,000, Deduct	*-0.24*	
09 91 23 00-0189		SF	Paint Interior Wood Smooth Ceiling, 2 Coats Paint, Brush Work	2.19	
			For Oil Based Paint, Add	*0.12*	
			For Up To 100, Add	*1.49*	
			For >100 To 250, Add	*0.70*	
			For >250 To 500, Add	*0.30*	
			For >2,500 To 5,000, Deduct	*-0.11*	
			For >5,000 To 10,000, Deduct	*-0.22*	
			For >10,000 To 20,000, Deduct	*-0.33*	
			For >20,000, Deduct	*-0.44*	
09 91 23 00-0190		SF	Paint Interior Smooth Wood Ceiling, 1 Coat Primer, Brush/Roller Work	0.90	
			For Oil Based Paint, Add	*0.05*	
			For Up To 100, Add	*0.57*	
			For >100 To 250, Add	*0.27*	
			For >250 To 500, Add	*0.12*	
			For >2,500 To 5,000, Deduct	*-0.05*	
			For >5,000 To 10,000, Deduct	*-0.09*	
			For >10,000 To 20,000, Deduct	*-0.14*	
			For >20,000, Deduct	*-0.18*	
09 91 23 00-0191		SF	Paint Interior Smooth Wood Ceiling, 1 Coat Paint, Brush/Roller Work	0.99	
			For Oil Based Paint, Add	*0.06*	
			For Up To 100, Add	*0.65*	
			For >100 To 250, Add	*0.31*	
			For >250 To 500, Add	*0.13*	
			For >2,500 To 5,000, Deduct	*-0.05*	
			For >5,000 To 10,000, Deduct	*-0.10*	
			For >10,000 To 20,000, Deduct	*-0.15*	
			For >20,000, Deduct	*-0.20*	
09 91 23 00-0192		SF	Paint Interior Smooth Wood Ceiling, 2 Coats Paint, Brush/Roller Work	1.86	
			For Oil Based Paint, Add	*0.11*	
			For Up To 100, Add	*1.22*	
			For >100 To 250, Add	*0.58*	
			For >250 To 500, Add	*0.25*	
			For >2,500 To 5,000, Deduct	*-0.09*	
			For >5,000 To 10,000, Deduct	*-0.19*	
			For >10,000 To 20,000, Deduct	*-0.28*	
			For >20,000, Deduct	*-0.37*	
09 91 23 00-0193		SF	Paint Interior Smooth Wood Ceiling, 1 Coat Primer, Sprayed	0.65	
			For Oil Based Paint, Add	*0.04*	
			For Up To 100, Add	*0.41*	
			For >100 To 250, Add	*0.20*	
			For >250 To 500, Add	*0.08*	
			For >2,500 To 5,000, Deduct	*-0.03*	
			For >5,000 To 10,000, Deduct	*-0.07*	
			For >10,000 To 20,000, Deduct	*-0.10*	
			For >20,000, Deduct	*-0.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0194	SF	Paint Interior Smooth Wood Ceiling, 1 Coat Paint, Sprayed	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0195	SF	Paint Interior Smooth Wood Ceiling, 2 Coats Paint, Sprayed	1.16	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0196		Paint Interior Wood Beams *(09 91 23 00-0123)*		
09 91 23 00-0197	SF	Paint Interior Wood Beams, 1 Coat Primer, Brush Work	1.27	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0198	SF	Paint Interior Wood Beams, 1 Coat Paint, Brush Work	1.32	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0199	SF	Paint Interior Wood Beams, 2 Coats Paint, Brush Work	2.40	
		For Oil Based Paint, Add	*0.13*	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 23 00-0200	SF	Paint Interior Wood Beams, 1 Coat Primer, Brush/Roller Work	1.00	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0201	SF	Paint Interior Wood Beams, 1 Coat Paint, Brush/Roller Work	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0202	SF	Paint Interior Wood Beams, 2 Coats Paint, Brush/Roller Work	1.86	
		For Oil Based Paint, Add	*0.11*	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0203	SF	Paint Interior Wood Beams, 1 Coat Primer, Sprayed	0.78	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0204	SF	Paint Interior Wood Beams, 1 Coat Paint, Sprayed	0.77	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0205	SF	Paint Interior Wood Beams, 2 Coats Paint, Sprayed	1.28	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0206		Paint Interior Floors And Decks *(09 91 23)*		
09 91 23 00-0207		Paint Interior Concrete Floors And Decks *(09 91 23 00-0206)*		
09 91 23 00-0208	SF	Paint Interior Concrete Floors And Decks, 1 Coat Primer, Brush Work	0.72	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0209	SF	Paint Interior Concrete Floors And Decks, 1 Coat Paint, Brush Work	0.81	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0210	SF	Paint Interior Concrete Floors And Decks, 2 Coats Paint, Brush Work	1.58	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*1.08*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0211	SF	Paint Interior Concrete Floors And Decks, 1 Coat Primer, Brush/Roller Work	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.07*	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0212	SF	Paint Interior Concrete Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.70	
		For Oil Based Paint, Add	*0.04*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0213	SF	Paint Interior Concrete Floors And Decks, 2 Coats Paint, Brush/Roller Work	1.11	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0214	SF	Paint Interior Concrete Floors And Decks, 1 Coat Primer, Sprayed	0.48	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 23 00-0215	SF	Paint Interior Concrete Floors And Decks, 1 Coat Paint, Sprayed	0.49	
		For Oil Based Paint, Add	*0.03*	
		For Epoxy Paint, Add	*0.06*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.07*	
		For >20,000, Deduct	*-0.10*	
09 91 23 00-0216	SF	Paint Interior Concrete Floors And Decks, 2 Coats Paint, Sprayed	0.86	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0217	SF	Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Brush	0.74	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0218	SF	Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Brush/Roller Work	0.72	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0219	SF	Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Sprayed	0.50	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
09 91 23 00-0220	SF	Paint Interior Concrete Floors And Decks, 1 Coat Non Slip Paint, Brush Work	1.64	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0221	SF	Paint Interior Concrete Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work (Rust-Oleum® AS91864251)	4.12	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.21*	
		For >5,000 To 10,000, Deduct	*-0.41*	
		For >10,000 To 20,000, Deduct	*-0.62*	
		For >20,000, Deduct	*-0.82*	

09 91 23 00-0222 Paint Interior Wood Floors And Decks *(09 91 23 00-0206)*

09 91 23 00-0223	SF	Paint Interior Wood Floors And Decks, 1 Coat Primer, Brush Work	0.88	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0224	SF	Paint Interior Wood Floors And Decks, 1 Coat Paint, Brush Work	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0225	SF	Paint Interior Wood Floors And Decks, 2 Coats Paint, Brush Work	1.82	
		For Oil Based Paint, Add	*0.10*	
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 23 00-0226	SF	Paint Interior Wood Floors And Decks, 1 Coat Primer, Brush/Roller Work	0.68	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	
09 91 23 00-0227	SF	Paint Interior Wood Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.76	
		For Oil Based Paint, Add	*0.05*	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0228	SF	Paint Interior Wood Floors And Decks, 2 Coats Paint, Brush/Roller Work	1.49	
		For Oil Based Paint, Add	*0.09*	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0229	SF	Paint Interior Wood Floors And Decks, 1 Coat Primer, Sprayed	0.51	
		For Oil Based Paint, Add	*0.03*	
		For Up To 100, Add	*0.30*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 20,000, Deduct	*-0.08*	
		For >20,000, Deduct	*-0.10*	
09 91 23 00-0230	SF	Paint Interior Wood Floors And Decks, 1 Coat Paint, Sprayed	0.65	
		For Oil Based Paint, Add	*0.04*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 23 00-0231	SF	Paint Interior Wood Floors And Decks, 2 Coats Paint, Sprayed	0.92	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0232	SF	Paint Interior Wood Floors And Decks, 1 Coat Non Slip Paint, Brush Work	1.64	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0233	SF	Paint Interior Wood Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work	4.12	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.21*	
		For >5,000 To 10,000, Deduct	*-0.41*	
		For >10,000 To 20,000, Deduct	*-0.62*	
		For >20,000, Deduct	*-0.82*	

09 91 23 00-0234 Paint Interior Doors And Windows *(09 91 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0235		**Paint Interior Door Frames** *(09 91 23 00-0234)*		
09 91 23 00-0236	LF	Paint Interior Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.11	
		For Oil Based Paint, Add	*0.06*	
		For Painting One Face Of Frame Only, Deduct	*-0.29*	
09 91 23 00-0237	LF	Paint Interior Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.45	
		For Oil Based Paint, Add	*0.08*	
		For Painting One Face Of Frame Only, Deduct	*-0.37*	
09 91 23 00-0238	LF	Paint Interior Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.47	
		For Oil Based Paint, Add	*0.13*	
		For Painting One Face Of Frame Only, Deduct	*-0.64*	
09 91 23 00-0239	LF	Paint Interior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.13	
		For Oil Based Paint, Add	*0.06*	
		For Painting One Face Of Frame Only, Deduct	*-0.30*	
09 91 23 00-0240	LF	Paint Interior Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.47	
		For Oil Based Paint, Add	*0.08*	
		For Painting One Face Of Frame Only, Deduct	*-0.38*	
09 91 23 00-0241	LF	Paint Interior Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.49	
		For Oil Based Paint, Add	*0.13*	
		For Painting One Face Of Frame Only, Deduct	*-0.65*	
09 91 23 00-0242		**Paint Interior Metal Doors** *(09 91 23 00-0234)*		
09 91 23 00-0243	EA	Paint Interior Metal Door, One Face, 1 Coat Primer, Brush/Roller Work	48.10	
		For Electrostatic Painting, Add	*6.79*	
		For Half Louvered Door, Add	*5.23*	
		For Full Louvered Door, Add	*8.72*	
		For Oil Based Paint, Add	*3.07*	
		For >5 To 10, Deduct	*-2.41*	
		For >10 To 25, Deduct	*-4.81*	
		For >25, Deduct	*-7.22*	
09 91 23 00-0244	EA	Paint Interior Metal Door, One Face, 1 Coat Paint, Brush/Roller Work	48.10	
		For Electrostatic Painting, Add	*6.79*	
		For Half Louvered Door, Add	*5.23*	
		For Full Louvered Door, Add	*8.72*	
		For Oil Based Paint, Add	*3.07*	
		For >5 To 10, Deduct	*-2.41*	
		For >10 To 25, Deduct	*-4.81*	
		For >25, Deduct	*-7.22*	
09 91 23 00-0245	EA	Paint Interior Metal Door, One Face, 2 Coats Paint, Brush/Roller Work	85.20	
		For Electrostatic Painting, Add	*12.46*	
		For Half Louvered Door, Add	*8.84*	
		For Full Louvered Door, Add	*14.73*	
		For Oil Based Paint, Add	*5.57*	
		For >5 To 10, Deduct	*-4.26*	
		For >10 To 25, Deduct	*-8.52*	
		For >25, Deduct	*-12.78*	
09 91 23 00-0246	EA	Paint Interior Metal Door, Both Faces, 1 Coat Primer, Brush/Roller Work	86.31	
		For Electrostatic Painting, Add	*12.20*	
		For Half Louvered Door, Add	*9.38*	
		For Full Louvered Door, Add	*15.64*	
		For Oil Based Paint, Add	*5.50*	
		For >5 To 10, Deduct	*-4.32*	
		For >10 To 25, Deduct	*-8.63*	
		For >25, Deduct	*-12.95*	
09 91 23 00-0247	EA	Paint Interior Metal Door, Both Faces, 1 Coat Paint, Brush/Roller Work	86.32	
		For Electrostatic Painting, Add	*12.20*	
		For Half Louvered Door, Add	*9.38*	
		For Full Louvered Door, Add	*15.64*	
		For Oil Based Paint, Add	*5.50*	
		For >5 To 10, Deduct	*-4.32*	
		For >10 To 25, Deduct	*-8.63*	
		For >25, Deduct	*-12.95*	
09 91 23 00-0248	EA	Paint Interior Metal Door, Both Faces, 2 Coats Paint, Brush/Roller Work	153.35	
		For Electrostatic Painting, Add	*22.46*	
		For Half Louvered Door, Add	*15.87*	
		For Full Louvered Door, Add	*26.46*	
		For Oil Based Paint, Add	*10.04*	
		For >5 To 10, Deduct	*-7.67*	
		For >10 To 25, Deduct	*-15.34*	
		For >25, Deduct	*-23.00*	
09 91 23 00-0249	EA	Paint Interior Metal Door, One Face, 1 Coat Primer, Sprayed	36.95	
		For Electrostatic Painting, Add	*5.88*	
		For Half Louvered Door, Add	*3.36*	
		For Full Louvered Door, Add	*5.60*	
		For Oil Based Paint, Add	*2.58*	
		For >5 To 10, Deduct	*-1.85*	
		For >10 To 25, Deduct	*-3.70*	
		For >25, Deduct	*-5.54*	
09 91 23 00-0250	EA	Paint Interior Metal Door, One Face, 1 Coat Paint, Sprayed	36.95	
		For Electrostatic Painting, Add	*5.88*	
		For Half Louvered Door, Add	*3.36*	
		For Full Louvered Door, Add	*5.60*	
		For Oil Based Paint, Add	*2.58*	
		For >5 To 10, Deduct	*-1.85*	
		For >10 To 25, Deduct	*-3.70*	
		For >25, Deduct	*-5.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0251	EA	Paint Interior Metal Door, One Face, 2 Coats Paint, Sprayed	66.75	
		For Electrostatic Painting, Add	*11.01*	
		For Half Louvered Door, Add	*5.68*	
		For Full Louvered Door, Add	*9.46*	
		For Oil Based Paint, Add	*4.78*	
		For >5 To 10, Deduct	*-3.34*	
		For >10 To 25, Deduct	*-6.68*	
		For >25, Deduct	*-10.01*	
09 91 23 00-0252	EA	Paint Interior Metal Door, Both Faces, 1 Coat Primer, Sprayed	66.31	
		For Electrostatic Painting, Add	*10.55*	
		For Half Louvered Door, Add	*6.03*	
		For Full Louvered Door, Add	*10.04*	
		For Oil Based Paint, Add	*4.62*	
		For >5 To 10, Deduct	*-3.32*	
		For >10 To 25, Deduct	*-6.63*	
		For >25, Deduct	*-9.95*	
09 91 23 00-0253	EA	Paint Interior Metal Door, Both Faces, 1 Coat Paint, Sprayed	66.31	
		For Electrostatic Painting, Add	*10.55*	
		For Half Louvered Door, Add	*6.03*	
		For Full Louvered Door, Add	*10.04*	
		For Oil Based Paint, Add	*4.62*	
		For >5 To 10, Deduct	*-3.32*	
		For >10 To 25, Deduct	*-6.63*	
		For >25, Deduct	*-9.95*	
09 91 23 00-0254	EA	Paint Interior Metal Door, Both Faces, 2 Coats Paint, Sprayed	120.26	
		For Electrostatic Painting, Add	*19.87*	
		For Half Louvered Door, Add	*10.20*	
		For Full Louvered Door, Add	*17.00*	
		For Oil Based Paint, Add	*8.63*	
		For >5 To 10, Deduct	*-6.01*	
		For >10 To 25, Deduct	*-12.03*	
		For >25, Deduct	*-18.04*	

09 91 23 00-0255 Paint Interior Wood Doors *(09 91 23 00-0234)*

09 91 23 00-0256	EA	Paint Interior Wood Door, One Face, 1 Coat Primer, Brush/Roller Work	44.99	
		For Oil Based Paint, Add	*2.76*	
		For Half Louvered Door, Add	*5.23*	
		For Full Louvered Door, Add	*8.72*	
		For >5 To 10, Deduct	*-2.25*	
		For >10 To 25, Deduct	*-4.50*	
		For >25, Deduct	*-6.75*	
09 91 23 00-0257	EA	Paint Interior Wood Door, One Face, 1 Coat Paint, Brush/Roller Work	44.99	
		For Oil Based Paint, Add	*2.76*	
		For Half Louvered Door, Add	*5.23*	
		For Full Louvered Door, Add	*8.72*	
		For >5 To 10, Deduct	*-2.25*	
		For >10 To 25, Deduct	*-4.50*	
		For >25, Deduct	*-6.75*	
09 91 23 00-0258	EA	Paint Interior Wood Door, One Face, 2 Coats Paint, Brush/Roller Work	79.02	
		For Oil Based Paint, Add	*4.96*	
		For Half Louvered Door, Add	*8.84*	
		For Full Louvered Door, Add	*14.73*	
		For >5 To 10, Deduct	*-3.95*	
		For >10 To 25, Deduct	*-7.90*	
		For >25, Deduct	*-11.85*	
09 91 23 00-0259	EA	Paint Interior Wood Door, Both Faces, 1 Coat Primer, Brush/Roller Work	80.72	
		For Oil Based Paint, Add	*4.94*	
		For Half Louvered Door, Add	*9.38*	
		For Full Louvered Door, Add	*15.64*	
		For >5 To 10, Deduct	*-4.04*	
		For >10 To 25, Deduct	*-8.07*	
		For >25, Deduct	*-12.11*	
09 91 23 00-0260	EA	Paint Interior Wood Door, Both Faces, 1 Coat Paint, Brush/Roller Work	80.72	
		For Oil Based Paint, Add	*4.94*	
		For Half Louvered Door, Add	*9.38*	
		For Full Louvered Door, Add	*15.64*	
		For >5 To 10, Deduct	*-4.04*	
		For >10 To 25, Deduct	*-8.07*	
		For >25, Deduct	*-12.11*	
09 91 23 00-0261	EA	Paint Interior Wood Door, Both Faces, 2 Coats Paint, Brush/Roller Work	142.17	
		For Oil Based Paint, Add	*8.93*	
		For Half Louvered Door, Add	*15.87*	
		For Full Louvered Door, Add	*26.46*	
		For >5 To 10, Deduct	*-7.11*	
		For >10 To 25, Deduct	*-14.22*	
		For >25, Deduct	*-21.33*	
09 91 23 00-0262	EA	Paint Interior Wood Door, One Face, 1 Coat Primer, Sprayed	33.52	
		For Oil Based Paint, Add	*2.23*	
		For Half Louvered Door, Add	*3.36*	
		For Full Louvered Door, Add	*5.60*	
		For >5 To 10, Deduct	*-1.68*	
		For >10 To 25, Deduct	*-3.35*	
		For >25, Deduct	*-5.03*	
09 91 23 00-0263	EA	Paint Interior Wood Door, One Face, 1 Coat Paint, Sprayed	33.52	
		For Oil Based Paint, Add	*2.23*	
		For Half Louvered Door, Add	*3.36*	
		For Full Louvered Door, Add	*5.60*	
		For >5 To 10, Deduct	*-1.68*	
		For >10 To 25, Deduct	*-3.35*	
		For >25, Deduct	*-5.03*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0264	EA	Paint Interior Wood Door, One Face, 2 Coats Paint, Sprayed	59.97	
		For Oil Based Paint, Add	*4.10*	
		For Half Louvered Door, Add	*5.68*	
		For Full Louvered Door, Add	*9.47*	
		For >5 To 10, Deduct	*-3.00*	
		For >10 To 25, Deduct	*-6.00*	
		For >25, Deduct	*-9.00*	
09 91 23 00-0265	EA	Paint Interior Wood Door, Both Faces, 1 Coat Primer, Sprayed	60.16	
		For Oil Based Paint, Add	*4.01*	
		For Half Louvered Door, Add	*6.03*	
		For Full Louvered Door, Add	*10.04*	
		For >5 To 10, Deduct	*-3.01*	
		For >10 To 25, Deduct	*-6.02*	
		For >25, Deduct	*-9.02*	
09 91 23 00-0266	EA	Paint Interior Wood Door, Both Faces, 1 Coat Paint, Sprayed	60.16	
		For Oil Based Paint, Add	*4.01*	
		For Half Louvered Door, Add	*6.03*	
		For Full Louvered Door, Add	*10.04*	
		For >5 To 10, Deduct	*-3.01*	
		For >10 To 25, Deduct	*-6.02*	
		For >25, Deduct	*-9.02*	
09 91 23 00-0267	EA	Paint Interior Wood Door, Both Faces, 2 Coats Paint, Sprayed	107.96	
		For Oil Based Paint, Add	*7.40*	
		For Half Louvered Door, Add	*10.20*	
		For Full Louvered Door, Add	*17.00*	
		For >5 To 10, Deduct	*-5.40*	
		For >10 To 25, Deduct	*-10.80*	
		For >25, Deduct	*-16.19*	

09 91 23 00-0268 Paint Interior Metal Windows *(09 91 23 00-0234)*

Note: Two finish coats paint over rust inhibitive primer.

09 91 23 00-0269	EA	Up To 8 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	86.98	
		For Oil Based Paint, Add	*4.79*	
		For Electrostatic Painting, Add	*10.02*	
		For >5 To 10, Deduct	*-4.35*	
		For >10 To 25, Deduct	*-8.70*	
		For >25, Deduct	*-13.05*	
09 91 23 00-0270	EA	>8 To 14 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	103.80	
		For Oil Based Paint, Add	*5.87*	
		For Electrostatic Painting, Add	*12.42*	
		For >5 To 10, Deduct	*-5.19*	
		For >10 To 25, Deduct	*-10.38*	
		For >25, Deduct	*-15.57*	
09 91 23 00-0271	EA	>14 To 20 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	139.58	
		For Oil Based Paint, Add	*7.94*	
		For Electrostatic Painting, Add	*16.85*	
		For >5 To 10, Deduct	*-6.98*	
		For >10 To 25, Deduct	*-13.96*	
		For >25, Deduct	*-20.94*	
09 91 23 00-0272	EA	>20 To 26 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	157.15	
		For Oil Based Paint, Add	*8.95*	
		For Electrostatic Painting, Add	*18.98*	
		For >5 To 10, Deduct	*-7.86*	
		For >10 To 25, Deduct	*-15.72*	
		For >25, Deduct	*-23.57*	
09 91 23 00-0273	EA	>26 To 34 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	174.35	
		For Oil Based Paint, Add	*9.92*	
		For Electrostatic Painting, Add	*21.03*	
		For >5 To 10, Deduct	*-8.72*	
		For >10 To 25, Deduct	*-17.44*	
		For >25, Deduct	*-26.15*	
09 91 23 00-0274	SF	>34 SF Window Size, Paint Interior Metal Window Including Trim, Brush/Roller Work	5.54	
		For Oil Based Paint, Add	*0.32*	
		For Electrostatic Painting, Add	*0.67*	

09 91 23 00-0275 Wood Windows *(09 91 23 00-0234)*

Note: Two finish coats paint over primer.

09 91 23 00-0276	EA	Up To 8 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	84.92	
		For Oil Based Paint, Add	*4.58*	
		For >5 To 10, Deduct	*-4.25*	
		For >10 To 25, Deduct	*-8.49*	
		For >25, Deduct	*-12.74*	
09 91 23 00-0277	EA	>8 To 14 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	100.60	
		For Oil Based Paint, Add	*5.55*	
		For >5 To 10, Deduct	*-5.03*	
		For >10 To 25, Deduct	*-10.06*	
		For >25, Deduct	*-15.09*	
09 91 23 00-0278	EA	>14 To 20 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	137.74	
		For Oil Based Paint, Add	*7.62*	
		For >5 To 10, Deduct	*-6.89*	
		For >10 To 25, Deduct	*-13.77*	
		For >25, Deduct	*-20.66*	
09 91 23 00-0279	EA	>20 To 26 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	155.05	
		For Oil Based Paint, Add	*8.59*	
		For >5 To 10, Deduct	*-7.75*	
		For >10 To 25, Deduct	*-15.51*	
		For >25, Deduct	*-23.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0280	EA	>26 To 34 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	168.71	
		For Oil Based Paint, Add	*9.35*	
		For >5 To 10, Deduct	*-8.44*	
		For >10 To 25, Deduct	*-16.87*	
		For >25, Deduct	*-25.31*	
09 91 23 00-0281	SF	>34 SF Window Size, Paint Interior Wood Windows Including Trim, Brush/Roller Work	5.66	
		For Oil Based Paint, Add	*0.31*	

09 91 23 00-0282 Paint Interior Security Screens *(09 91 23 00-0234)*

09 91 23 00-0283	SF	Paint Interior Security Screen, 1 Coat Primer, Brush/Roller Work	1.30	
		For Oil Based Paint, Add	*0.08*	
		For Electrostatic Painting, Add	*0.16*	
09 91 23 00-0284	SF	Paint Interior Security Screen, 1 Coat Paint, Brush/Roller Work	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Electrostatic Painting, Add	*0.16*	
09 91 23 00-0285	SF	Paint Interior Security Screen, 2 Coats Paint, Brush/Roller Work	2.24	
		For Oil Based Paint, Add	*0.12*	
		For Electrostatic Painting, Add	*0.26*	

09 91 23 00-0286 Paint Interior Window Guards *(09 91 23 00-0234)*

09 91 23 00-0287	SF	Paint Interior Metal Window Guards, 1 Coat Primer, Brush/Roller Work	1.30	
		For Oil Based Paint, Add	*0.08*	
09 91 23 00-0288	SF	Paint Interior Metal Window Guards, 1 Coat Paint, Brush/Roller Work	1.36	
		For Oil Based Paint, Add	*0.08*	
09 91 23 00-0289	SF	Paint Interior Metal Window Guards, 2 Coats Paint, Brush/Roller Work	2.24	
		For Oil Based Paint, Add	*0.12*	

09 91 23 00-0290 Paint Interior Window Trim *(09 91 23 00-0234)*

09 91 23 00-0291	LF	Paint Interior Wood Window Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.26	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.34*	
09 91 23 00-0292	LF	Paint Interior Wood Window Frame And Trim, 1 Coat Paint, Brush/Roller Work	1.26	
		For Oil Based Paint, Add	*0.07*	
		For Painting One Face Of Frame Only, Deduct	*-0.34*	
09 91 23 00-0293	LF	Paint Interior Wood Window Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.77	
		For Oil Based Paint, Add	*0.16*	
		For Painting One Face Of Frame Only, Deduct	*-0.75*	
09 91 23 00-0294	LF	Paint Interior Metal Window Frame And Trim, 1 Coat Primer, Brush/Roller Work Note: Brush/roller work.	1.36	
		For Painting One Face Of Frame Only, Deduct	*-0.38*	
09 91 23 00-0295	LF	Paint Interior Metal Window Frame And Trim, 1 Coat Paint, Brush/Roller Work Note: Brush/roller work.	1.36	
		For Painting One Face Of Frame Only, Deduct	*-0.38*	
09 91 23 00-0296	LF	Paint Interior Metal Window Frame And Trim, 2 Coats Paint, Brush/Roller Work Note: Brush/roller work.	2.98	
		For Painting One Face Of Frame Only, Deduct	*-0.83*	

09 91 23 00-0297 Paint Interior Cabinets And Casework *(09 91 23)*

09 91 23 00-0298 Paint Interior Wood Cabinets And Casework *(09 91 23 00-0297)*

09 91 23 00-0299	SF	Paint Interior Wood Cabinets And Casework, 1 Coat Paint, Brush/Roller Work	1.25	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0300	SF	Paint Interior Wood Cabinets And Casework, 1 Coat Enamel Primer, 1 Coat Alkyd Or Latex Paint, Brush/Roller Work	1.72	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0301	SF	Paint Interior Wood Cabinets And Casework, 1 Coat Enamel Primer, 2 Coats Alkyd Or Latex Paint, Brush/Roller Work	2.66	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.40*	

09 91 23 00-0302 Paint Exposed Metal Lockers *(09 91 23 00-0297)*

09 91 23 00-0303	SF	Paint Exposed Metal Locker, 1 Coat Primer, Brush/Roller Work	1.20	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0304	SF	Paint Exposed Metal Locker, 1 Coat Alkyd Enamel, Brush/Roller Work	1.25	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0305	SF	Paint Exposed Metal Locker, 2 Coats Alkyd Enamel, Brush/Roller Work	2.29	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.34*	

09 91 23 00-0306 Paint Interior Stairs *(09 91 23)*

09 91 23 00-0307 Paint Interior Concrete Stairs *(09 91 23 00-0306)*

Note: Includes the riser and tread.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0308	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	17.35	
09 91 23 00-0309	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	17.35	
09 91 23 00-0310	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work Note: Excludes riser.	12.31	
09 91 23 00-0311	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work Note: Excludes riser.	22.23	
09 91 23 00-0312	RSR	Paint Interior Concrete Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	34.69	
09 91 23 00-0313		**Paint Interior Metal Stairs** *(09 91 23 00-0306)* Note: Includes the riser and tread.		
09 91 23 00-0314	RSR	Paint Interior Metal Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	9.33	
09 91 23 00-0315	RSR	Paint Interior Metal Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	8.97	
09 91 23 00-0316	RSR	Paint Interior Metal Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	17.94	
09 91 23 00-0317		**Paint Interior Wood Stairs** *(09 91 23 00-0306)* Note: Includes the riser and tread.		
09 91 23 00-0318	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	8.86	
09 91 23 00-0319	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	8.86	
09 91 23 00-0320	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work Note: Excludes riser.	8.06	
09 91 23 00-0321	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work Note: Excludes riser.	17.98	
09 91 23 00-0322	RSR	Paint Interior Wood Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	17.71	
09 91 23 00-0323		**Paint Interior Stair Nosing** *(09 91 23 00-0306)*		
09 91 23 00-0324	LF	Paint Interior Yellow Stair Safety Strip, Up To 2", Non Slip, Brush Work	1.53	
09 91 23 00-0325		**Paint Interior Trim** *(09 91 23)*		
09 91 23 00-0326		**Paint Interior Metal Trim** *(09 91 23 00-0325)*		
09 91 23 00-0327	SF	Paint Interior Exposed Metal Trim, 1 Coat Primer, Brush Work	1.23	
09 91 23 00-0328	SF	Paint Interior Exposed Metal Trim, 1 Coat Paint, Brush Work	1.23	
09 91 23 00-0329	SF	Paint Interior Exposed Metal Trim, 2 Coats Paint, Brush Work	2.21	
09 91 23 00-0330	SF	Paint Interior Metal Trim, 1 Coat Primer, Brush/Roller Work	1.23	
09 91 23 00-0331	SF	Paint Interior Metal Trim, 1 Coat Paint, Brush/Roller Work	1.23	
09 91 23 00-0332	SF	Paint Interior Metal Trim, 2 Coats Paint, Brush/Roller Work	2.21	
09 91 23 00-0333		**Paint Interior Wood Trim** *(09 91 23 00-0325)*		
09 91 23 00-0334	LF	Paint Interior Wood Trim To 6" Wide, 1 Coat Primer, Brush Work	0.76	
		For Oil Based Paint, Add	*0.04*	
09 91 23 00-0335	LF	Paint Interior Wood Trim To 6" Wide, 1 Coat Paint, Brush Work	0.85	
		For Oil Based Paint, Add	*0.05*	
09 91 23 00-0336	LF	Paint Interior Wood Trim To 6" Wide, 2 Coats Paint	1.79	
		For Oil Based Paint, Add	*0.09*	
09 91 23 00-0337	SF	Paint Interior Wood Trim, 1 Coat Primer, Brush Work	2.33	
		For Oil Based Paint, Add	*0.13*	
09 91 23 00-0338	SF	Paint Interior Wood Trim, 1 Coat Paint, Brush Work	2.59	
		For Oil Based Paint, Add	*0.14*	
09 91 23 00-0339	SF	Paint Interior Wood Trim, 2 Coats Paint, Brush Work	5.55	
		For Oil Based Paint, Add	*0.30*	
09 91 23 00-0340	SF	Paint Interior Wood Trim, 1 Coat Primer, Brush/Roller Work	2.33	
		For Oil Based Paint, Add	*0.13*	
09 91 23 00-0341	SF	Paint Interior Wood Trim, 1 Coat Paint, Brush/Roller Work	2.59	
		For Oil Based Paint, Add	*0.14*	
09 91 23 00-0342	SF	Paint Interior Wood Trim, 2 Coats Paint, Brush/Roller Work	5.55	
		For Oil Based Paint, Add	*0.30*	
09 91 23 00-0343		**Paint Additives** *(09 91 23)*		
09 91 23 00-0344	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat	0.02	
09 91 23 00-0345	SF	Class "B" Fire Rating, Fire Resistant Paint Additive	0.04	
		For Class "A" Fire Rating, Add	*0.04*	
09 91 23 00-0346		**Hand Painting Letters/Numbers** *(09 91 23)* Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0347	EA	Up To 1" High, Hand Paint, Per Letter/Number	2.38	
09 91 23 00-0348	EA	1" To 2" High, Hand Paint, Per Letter/Number	2.79	
09 91 23 00-0349	EA	2" To 3" High, Hand Paint, Per Letter/Number	4.24	
09 91 23 00-0350	EA	3" To 4" High, Hand Paint, Per Letter/Number	5.20	
09 91 23 00-0351	EA	4" To 6" High, Hand Paint, Per Letter/Number	7.18	
09 91 23 00-0352	EA	6" To 12" High, Hand Paint, Per Letter/Number	9.09	
09 91 23 00-0353	EA	Over 12" High, Hand Paint, Per Letter/Number	10.68	
09 91 23 00-0354		**Glove/Mitt Application** *(09 91 23)*		
09 91 23 00-0355		**Conduit/Pipe** *(09 91 23 00-0354)*		
09 91 23 00-0356	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt	45.32	
09 91 23 00-0357	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt	68.24	
09 91 23 00-0358	CSF	Enamel, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt	52.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0359	CSF	Enamel, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt	42.31	
09 91 23 00-0360	CSF	Epoxy Coating, First Coat Conduit Or Pipe With Glove/Mitt	76.40	
09 91 23 00-0361	CSF	Epoxy Coating, Second Coat Conduit Or Pipe With Glove/Mitt	69.83	

09 91 23 00-0362 Ductwork *(09 91 23 00-0354)*

09 91 23 00-0363	CSF	Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt	45.32	
09 91 23 00-0364	CSF	Metal Primer Ductwork With Glove/Mitt	60.48	
09 91 23 00-0365	CSF	Enamel, Oil Base Paint Ductwork With Glove/Mitt	47.95	
09 91 23 00-0366	CSF	Epoxy Coating, First Coat Ductwork With Glove/Mitt	74.02	
09 91 23 00-0367	CSF	Epoxy Coating, Second Coat Ductwork With Glove/Mitt	63.44	

09 91 23 00-0368 Stencil Painting Letters/Numbers *(09 91 23)*

Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.

09 91 23 00-0369	EA	Up To 1" High, Stencil Painting, Per Letter/Number	1.94	
		For >200 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.24*	
		For >1,000 To 2,000, Deduct	*-0.31*	
		For >2,000, Deduct	*-0.39*	
09 91 23 00-0370	EA	1" To 2" High, Stencil Painting, Per Letter/Number	2.25	
		For >200 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.28*	
		For >1,000 To 2,000, Deduct	*-0.36*	
		For >2,000, Deduct	*-0.45*	
09 91 23 00-0371	EA	2" To 3" High, Stencil Painting, Per Letter/Number	3.83	
		For >200 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.48*	
		For >1,000 To 2,000, Deduct	*-0.61*	
		For >2,000, Deduct	*-0.77*	
09 91 23 00-0372	EA	3" To 4" High, Stencil Painting, Per Letter/Number	4.70	
		For >200 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000 To 2,000, Deduct	*-0.75*	
		For >2,000, Deduct	*-0.94*	
09 91 23 00-0373	EA	4" To 6" High, Stencil Painting, Per Letter/Number	6.47	
		For >200 To 500, Deduct	*-0.52*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000 To 2,000, Deduct	*-1.04*	
		For >2,000, Deduct	*-1.29*	
09 91 23 00-0374	EA	6" To 12" High, Stencil Painting, Per Letter/Number	8.60	
		For >200 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000 To 2,000, Deduct	*-1.38*	
		For >2,000, Deduct	*-1.72*	
09 91 23 00-0375	EA	Over 12" High, Stencil Painting, Per Letter/Number	10.16	
		For >200 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.27*	
		For >1,000 To 2,000, Deduct	*-1.63*	
		For >2,000, Deduct	*-2.03*	

09 91 23 00-0376 Logo Painting *(09 91 23)*

09 91 23 00-0377	SF	Paint Logo (Simple Design)	37.71	
09 91 23 00-0378	SF	Paint Logo (Complex Design)	44.31	

09 91 23 00-0379 Paint Interior Miscellaneous Metal Surfaces *(09 91 23)*

09 91 23 00-0380	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Primer, Brush/Roller Work	0.77	
		For Electrostatic Painting, Add	*0.10*	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 23 00-0381	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Alkyd Enamel, Brush/Roller Work	0.90	
		For Electrostatic Painting, Add	*0.11*	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 23 00-0382	SF	Paint Interior Miscellaneous Metal Surfaces, 2 Coats Alkyd Enamel, Brush/Roller Work	1.61	
		For Electrostatic Painting, Add	*0.19*	
		For Up To 100, Add	*1.09*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0383	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Primer, Sprayed	0.94	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0384	SF	Paint Interior Miscellaneous Metal Surfaces, 1 Coat Alkyd, Sprayed	0.94	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0385	SF	Paint Interior Miscellaneous Metal Surfaces, 2 Coats Alkyd, Sprayed	1.45	
		For Electrostatic Painting, Add	*0.18*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

09 91 33 Painting Materials *(09 91)*

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001 Primer *(09 91 33)*

09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon	32.71
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon	24.54
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon	31.11
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon	74.86
09 91 33 00-0006	EA	Cement Base Primer, 25 LB Sack	25.66
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon	39.56
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon	31.75
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon	24.54
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon	22.29
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	39.29
09 91 33 00-0012	GAL	Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon	32.71
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon	32.71
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon	36.88
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon	24.05
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon	55.99
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon	25.66
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon	20.53
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon	53.08
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base	33.10
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon	37.35

09 91 33 00-0022 Paint *(09 91 33)*

09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	17.96
09 91 33 00-0024	GAL	Acrylic Urethane Sealer	89.06
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.	9.62
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon	55.65
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon	29.19
09 91 33 00-0028	GAL	Driveway Coating, Tar Emulsion, 120 SF Per Gallon	9.62
09 91 33 00-0029	GAL	Driveway Coating, Acrylic Latex, 250 SF Per Gallon	14.59
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	29.51
09 91 33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon	39.29
09 91 33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	32.07
09 91 33 00-0033	GAL	Exterior, Oil Base, Flat	29.40
09 91 33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	27.90
09 91 33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	32.87
09 91 33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon	29.19
09 91 33 00-0037	GAL	Exterior, Latex Gloss Enamel, Water Base	41.54
09 91 33 00-0038	GAL	Cold Galvanizing Paint	200.93
09 91 33 00-0039	GAL	High Heat Paint	79.27
09 91 33 00-0040	GAL	Heat Resistant Paint	52.84
09 91 33 00-0041	GAL	Zinc Chromate Paint	47.81
09 91 33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart	18.87
09 91 33 00-0043	GAL	Rust Inhibitor, Ferrous Metal	52.84
09 91 33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon	29.19
09 91 33 00-0045	GAL	Alkyd Latex, Black	35.65
09 91 33 00-0046	GAL	Alkyd Latex, White	35.65
09 91 33 00-0047	GAL	Alkyd Latex, Colors	42.99
09 91 33 00-0048	QT	Wrought Iron Paint, Black	48.23
09 91 33 00-0049	GAL	Vinyl Paint	49.07
09 91 33 00-0050	GAL	Silicone Alkyd	59.66
09 91 33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy	60.62
09 91 33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy	76.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 33 00-0053	GAL	Chlorinated Rubber	55.81	
09 91 33 00-0054	GAL	Polyamide Epoxy Sealer	57.73	
09 91 33 00-0055	GAL	Coal Tar Epoxy	41.37	
09 91 33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon	51.64	
09 91 33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base	67.35	
09 91 33 00-0058	GAL	Swimming Pool Rubber Base	46.18	
09 91 33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon	29.35	
09 91 33 00-0060	GAL	Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon	32.87	
09 91 33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	60.14	
09 91 33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon	20.37	
09 91 33 00-0063	GAL	Linseed Oil	17.80	
09 91 33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon	29.19	
09 91 33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon	32.87	
09 91 33 00-0066	GAL	Texture Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	30.07	
09 91 33 00-0067	GAL	Acoustic Spray-On Texture, Finish	24.16	

09 91 33 00-0068 Stain, Varnish *(09 91 33)*

09 91 33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon	16.68	
09 91 33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon	31.11	
09 91 33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon	27.74	
09 91 33 00-0072	GAL	Varnish, Clear	23.80	
09 91 33 00-0073	GAL	Penetrating Water-Repellent Stain	17.29	
09 91 33 00-0074	GAL	Redwood Hue Or Clear Stain	15.45	
09 91 33 00-0075	GAL	Polyurethane	27.13	
09 91 33 00-0076	GAL	Lacquer, Semi-Gloss	29.27	
09 91 33 00-0077	GAL	Shellac, Clear	38.40	
09 91 33 00-0078	GAL	Acetone	12.67	
09 91 33 00-0079	GAL	Paint Thinner	3.13	
09 91 33 00-0080	GAL	Shellac Or Lacquer Thinner	12.83	
09 91 33 00-0081	GAL	Turpentine	17.64	
09 91 33 00-0082	GAL	Wood Filler Paste	30.15	
09 91 33 00-0083	GAL	Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	24.05	
09 91 33 00-0084	GAL	Waterbased Alkyd Urethane (Sherwin Williams B53W01153)	58.96	

09 91 43 Surface Preparation *(09 91)*

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

09 91 43 00-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces *(09 91 43)*

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Sand blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.

09 91 43 00-0002 Concrete And Masonry Surfaces, Surface Preparation *(09 91 43 00-0001)*

09 91 43 00-0003	SF	Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation	0.45
		For Up To 100, Add	*0.78*
		For >100 To 250, Add	*0.20*
		For >250 To 500, Add	*0.10*
		For >5,000 To 10,000, Deduct	*-0.02*
		For >10,000 To 15,000, Deduct	*-0.04*
		For >15,000 To 30,000, Deduct	*-0.07*
		For >30,000, Deduct	*-0.09*
09 91 43 00-0004	SF	Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation	0.71
		For Up To 100, Add	*1.22*
		For >100 To 250, Add	*0.31*
		For >250 To 500, Add	*0.15*
		For >5,000 To 10,000, Deduct	*-0.03*
		For >10,000 To 15,000, Deduct	*-0.07*
		For >15,000 To 30,000, Deduct	*-0.10*
		For >30,000, Deduct	*-0.14*
09 91 43 00-0005	SF	Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation	0.63
		For Up To 100, Add	*1.26*
		For >100 To 250, Add	*0.32*
		For >250 To 500, Add	*0.16*
		For >5,000 To 10,000, Deduct	*-0.03*
		For >10,000 To 15,000, Deduct	*-0.06*
		For >15,000 To 30,000, Deduct	*-0.09*
		For >30,000, Deduct	*-0.13*
09 91 43 00-0006	SF	Steam Clean, Concrete And Masonry Surfaces, Surface Preparation	0.63
		For Up To 100, Add	*1.08*
		For >100 To 250, Add	*0.27*
		For >250 To 500, Add	*0.14*
		For >5,000 To 10,000, Deduct	*-0.03*
		For >10,000 To 15,000, Deduct	*-0.06*
		For >15,000 To 30,000, Deduct	*-0.09*
		For >30,000, Deduct	*-0.12*
09 91 43 00-0007	SF	Up To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation	0.41
		For Up To 100, Add	*0.66*
		For >100 To 250, Add	*0.17*
		For >250 To 500, Add	*0.08*
		For >5,000 To 10,000, Deduct	*-0.02*
		For >10,000 To 15,000, Deduct	*-0.04*
		For >15,000 To 30,000, Deduct	*-0.06*
		For >30,000, Deduct	*-0.08*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0008		SF	10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.15	
			For Up To 100, Add	*2.06*	
			For >100 To 250, Add	*0.52*	
			For >250 To 500, Add	*0.26*	
			For >5,000 To 10,000, Deduct	*-0.06*	
			For >10,000 To 15,000, Deduct	*-0.11*	
			For >15,000 To 30,000, Deduct	*-0.17*	
			For >30,000, Deduct	*-0.22*	
09 91 43 00-0009		SF	30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.92	
			For Up To 100, Add	*3.60*	
			For >100 To 250, Add	*0.90*	
			For >250 To 500, Add	*0.45*	
			For >5,000 To 10,000, Deduct	*-0.09*	
			For >10,000 To 15,000, Deduct	*-0.19*	
			For >15,000 To 30,000, Deduct	*-0.28*	
			For >30,000, Deduct	*-0.38*	
09 91 43 00-0010		SF	Sand Blasting, Concrete And Masonry Surfaces, Surface Preparation	2.66	
			For Heavy Condition Where Multiple Pass Is Required, Add	*1.33*	
			For Up To 100, Add	*4.80*	
			For >100 To 250, Add	*1.20*	
			For >250 To 500, Add	*0.60*	
			For >5,000 To 10,000, Deduct	*-0.13*	
			For >10,000 To 15,000, Deduct	*-0.26*	
			For >15,000 To 30,000, Deduct	*-0.39*	
			For >30,000, Deduct	*-0.52*	

09 91 43 00-0011 Drywall *(09 91 43 00-0001)*

Note: Patch holes other than nail/screw holes and greater than 1/2" diameter.

09 91 43 00-0012		SF	Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping)	0.36	
			For Up To 100, Add	*0.72*	
			For >100 To 250, Add	*0.18*	
			For >250 To 500, Add	*0.09*	
09 91 43 00-0013		SF	Hand Wash, Minor Repair And Light Sanding Drywall Surfaces	0.62	
			For Up To 100, Add	*1.24*	
			For >100 To 250, Add	*0.31*	
			For >250 To 500, Add	*0.16*	
09 91 43 00-0014		SF	Scrape, Repair And Sand Severely Damaged Drywall Surfaces	1.13	
			For Up To 100, Add	*2.16*	
			For >100 To 250, Add	*0.54*	
			For >250 To 500, Add	*0.27*	

09 91 43 00-0015 Metal Surfaces, Surface Preparation *(09 91 43 00-0001)*

09 91 43 00-0016		SF	Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.71	
			For Up To 100, Add	*0.46*	
			For >100 To 250, Add	*0.21*	
			For >250 To 500, Add	*0.09*	
			For >5,000 To 10,000, Deduct	*-0.03*	
			For >10,000 To 15,000, Deduct	*-0.07*	
			For >15,000 To 30,000, Deduct	*-0.10*	
			For >30,000, Deduct	*-0.14*	
09 91 43 00-0017		SF	Hand Scraping And Sanding, Metal Surfaces, Surface Preparation	0.63	
			For Up To 100, Add	*0.47*	
			For >100 To 250, Add	*0.22*	
			For >250 To 500, Add	*0.09*	
			For >5,000 To 10,000, Deduct	*-0.03*	
			For >10,000 To 15,000, Deduct	*-0.06*	
			For >15,000 To 30,000, Deduct	*-0.09*	
			For >30,000, Deduct	*-0.13*	
09 91 43 00-0018		SF	Up To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.39	
			For Up To 100, Add	*0.25*	
			For >100 To 250, Add	*0.12*	
			For >250 To 500, Add	*0.05*	
			For >5,000 To 10,000, Deduct	*-0.02*	
			For >10,000 To 15,000, Deduct	*-0.04*	
			For >15,000 To 30,000, Deduct	*-0.06*	
			For >30,000, Deduct	*-0.08*	
09 91 43 00-0019		SF	Power Tool Cleaning, Metal Surfaces, Surface Preparation	1.13	
			For Up To 100, Add	*0.85*	
			For >100 To 250, Add	*0.40*	
			For >250 To 500, Add	*0.17*	
			For >5,000 To 10,000, Deduct	*-0.06*	
			For >10,000 To 15,000, Deduct	*-0.11*	
			For >15,000 To 30,000, Deduct	*-0.17*	
			For >30,000, Deduct	*-0.23*	
09 91 43 00-0020		SF	Steam Cleaning, Metal Surfaces, Surface Preparation	0.39	
			For Up To 100, Add	*0.23*	
			For >100 To 250, Add	*0.11*	
			For >250 To 500, Add	*0.05*	
			For >5,000 To 10,000, Deduct	*-0.02*	
			For >10,000 To 15,000, Deduct	*-0.04*	
			For >15,000 To 30,000, Deduct	*-0.06*	
			For >30,000, Deduct	*-0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0021	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation	0.85	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	
09 91 43 00-0022	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.15	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.11*	
		For >15,000 To 30,000, Deduct	*-0.17*	
		For >30,000, Deduct	*-0.22*	
09 91 43 00-0023	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.71	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.16*	
		For >15,000 To 30,000, Deduct	*-0.25*	
		For >30,000, Deduct	*-0.33*	
09 91 43 00-0024	SF	Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation	2.84	
		For Up To 100, Add	*1.83*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 15,000, Deduct	*-0.27*	
		For >15,000 To 30,000, Deduct	*-0.41*	
		For >30,000, Deduct	*-0.55*	
09 91 43 00-0025	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation	2.15	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.27*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 15,000, Deduct	*-0.20*	
		For >15,000 To 30,000, Deduct	*-0.31*	
		For >30,000, Deduct	*-0.41*	
09 91 43 00-0026	SF	Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation	2.66	
		For Up To 100, Add	*1.69*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.34*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 15,000, Deduct	*-0.25*	
		For >15,000 To 30,000, Deduct	*-0.39*	
		For >30,000, Deduct	*-0.51*	
09 91 43 00-0027	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.45	
		For Up To 100, Add	*2.19*	
		For >100 To 250, Add	*1.02*	
		For >250 To 500, Add	*0.44*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 15,000, Deduct	*-0.32*	
		For >15,000 To 30,000, Deduct	*-0.50*	
		For >30,000, Deduct	*-0.66*	
09 91 43 00-0028	SF	Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation	4.32	
		For Up To 100, Add	*2.75*	
		For >100 To 250, Add	*1.28*	
		For >250 To 500, Add	*0.55*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 15,000, Deduct	*-0.41*	
		For >15,000 To 30,000, Deduct	*-0.63*	
		For >30,000, Deduct	*-0.83*	

09 91 43 00-0029 Tile Surfaces *(09 91 43 00-0001)*

09 91 43 00-0030	CSF	Alkaline Cleaner, Brush And Wash Tile Surface	40.92	
		For Up To 100, Add	*30.53*	
		For >100 To 250, Add	*14.25*	
		For >250 To 500, Add	*6.11*	
		For >5,000 To 10,000, Deduct	*-2.04*	
		For >10,000 To 15,000, Deduct	*-4.08*	
		For >15,000 To 30,000, Deduct	*-6.13*	
		For >30,000, Deduct	*-8.17*	
09 91 43 00-0031	SF	Up To 5,000 PSI, Pressure Wash Tile Surface	0.29	
		For Up To 100, Add	*0.19*	
		For >100 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.04*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 30,000, Deduct	*-0.04*	
		For >30,000, Deduct	*-0.06*	

09 91 43 00-0032 Wood Surfaces *(09 91 43 00-0001)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0033	SF	Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.27	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >4,000, Deduct	*-0.06*	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.18*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.13*	
		For >15,000 To 30,000, Deduct	*-0.19*	
		For >30,000, Deduct	*-0.25*	
09 91 43 00-0034	SF	Chemical Clean, Brush And Wash Wood Surface	0.57	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.11*	
09 91 43 00-0035	SF	Hand Scrape Wood Surface	0.68	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.14*	
09 91 43 00-0036	SF	Steam Clean Wood Surface	0.62	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 91 43 00-0037	SF	Up To 5,000 PSI, Pressure Wash Wood Surface	0.42	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 91 43 00-0038	SF	Sanding Wood Paneling, Boards, Doors, Etcetera	0.83	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	
09 91 43 00-0039	SF	Sanding Wood Trim	1.12	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.11*	
		For >15,000 To 30,000, Deduct	*-0.17*	
		For >30,000, Deduct	*-0.22*	
09 91 43 00-0040	SF	Prime Wood Surfaces With Linseed Oil, 1 Coat	0.73	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.11*	
		For >30,000, Deduct	*-0.14*	
09 91 43 00-0041	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat	0.84	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	

09 91 43 00-0042 Vinyl Siding Surfaces *(09 91 43 00-0001)*

09 91 43 00-0043	SF	Hand Wash,Vinyl Siding Surfaces	0.64	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 43 00-0044	SF	Up To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces	0.35	
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.03*	
		For >15,000 To 30,000, Deduct	*-0.05*	
		For >30,000, Deduct	*-0.07*	
09 91 43 00-0045	SF	Steam Clean, Vinyl Siding Surfaces	0.65	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	

09 91 43 00-0046 Prep Work *(09 91 43 00-0001)*

09 91 43 00-0047	SF	Citrus Strip, Single Applications	1.04	

09 91 43 00-0048 Plaster/Stucco *(09 91 43 00-0001)*

Note: Based on total project quantity.

09 91 43 00-0049	SF	Up To 5,000 PSI Pressure Wash Stucco Surfaces	0.46	
		For Up To 100, Add	*0.29*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.07*	
		For >30,000, Deduct	*-0.09*	

09 91 43 00-0050 Paint Removal, Strip To Bare Wood *(09 91 43 00-0001)*

09 91 43 00-0051	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood	7.47	
09 91 43 00-0052	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	7.97	

09 93 Staining And Transparent Finishing *(09 90)*

Note: Includes light sanding or screening between coats.

09 93 13 Exterior Staining And Finishing *(09 93)*

09 93 13 53 Exterior Finishing *(09 93 13)*

09 93 13 53-0001 Stain Sealer *(09 93 13 53)*

Note: Measured by surface area of wall or ceiling.

09 93 13 53-0002	SF	Stain Sealer, Brush Work	0.92	
		For Ceiling Work, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.07*	
09 93 13 53-0003	SF	Stain Sealer, Brush/Roller Work	0.73	
		For Ceiling Work, Add	*0.10*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.06*	
09 93 13 53-0004	SF	Stain Sealer, Sprayed	0.26	
		For Ceiling Work, Add	*0.03*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.02*	

09 93 23 Interior Staining And Finishing *(09 93)*

Note: VOC compliant in all regulated areas, review specifications for levels.

09 93 23 13 Interior Staining *(09 93 23)*

09 93 23 13-0001 Stain Wood Trim *(09 93 23 13)*

09 93 23 13-0002	LF	Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off	1.12	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >4,000, Deduct	*-0.06*	
09 93 23 13-0003	SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off	1.68	
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.24*	
		For >4,000, Deduct	*-0.08*	

09 93 23 13-0004 Stain Wood Floor *(09 93 23 13)*

09 93 23 13-0005	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work	0.49	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >4,000, Deduct	*-0.02*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 13-0006	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work	0.36	
		For Up To 100, Add	*0.22*	
		For >100 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	
		For >4,000, Deduct	*-0.02*	

09 93 23 13-0007 Stain Wood Door And Window *(09 93 23 13)*

09 93 23 13-0008	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face)	54.81	
		For Up To 4, Add	*40.45*	
		For >4 To 10, Add	*18.91*	
		For >10 To 20, Add	*8.11*	
		For >160, Deduct	*-2.74*	
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face)	38.42	
		For Up To 4, Add	*27.85*	
		For >4 To 10, Add	*13.04*	
		For >10 To 20, Add	*5.60*	
		For >160, Deduct	*-1.92*	

09 93 23 13-0010 Stain Wood Cabinet *(09 93 23 13)*

09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe	1.35	

09 93 23 53 Interior Finishing *(09 93 23)*

09 93 23 53-0001 Concrete Finishes *(09 93 23 53)*

09 93 23 53-0002	SF	Finish Concrete Floor, 1 Coat Polyurethane	0.75	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >4,000, Deduct	*-0.04*	

09 93 23 53-0003 Wood Trim Finishes *(09 93 23 53)*

09 93 23 53-0004	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane	1.33	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >4,000, Deduct	*-0.07*	
09 93 23 53-0005	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane	0.90	
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >4,000, Deduct	*-0.05*	

09 93 23 53-0006 Wood Floor Finishes *(09 93 23 53)*

09 93 23 53-0007	SF	Refinish Wood Floor, 2 Coats Polyurethane Note: Includes sanding existing floor.	2.68	
		For Up To 100, Add	*1.93*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
		For >4,000, Deduct	*-0.13*	
09 93 23 53-0008	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work Note: Includes screening between coats.	0.68	
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >4,000, Deduct	*-0.03*	
09 93 23 53-0009	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane Note: Includes sanding existing floor.	3.05	
		For Up To 100, Add	*2.18*	
		For >100 To 250, Add	*1.02*	
		For >250 To 500, Add	*0.44*	
		For >4,000, Deduct	*-0.15*	

09 93 23 53-0010 Wood Door And Window Finishes *(09 93 23 53)*

See CSI section 08 14 16 00-0627 for factory finish.

09 93 23 53-0011	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	39.62	
		For Up To 4, Add	*29.15*	
		For >4 To 10, Add	*13.63*	
		For >10 To 20, Add	*5.85*	
		For >160, Deduct	*-1.98*	
09 93 23 53-0012	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	119.32	
		For Up To 4, Add	*86.86*	
		For >4 To 10, Add	*40.66*	
		For >10 To 20, Add	*17.46*	
		For >160, Deduct	*-5.97*	

09 93 23 53-0013 Cabinet Finishes *(09 93 23 53)*

09 93 23 53-0014	SF	Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane	1.36	

09 93 23 53-0015 Gym, Stage And Dance Floor Finishes *(09 93 23 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0016	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.	1.67	
09 93 23 53-0017	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.91	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0018	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.01	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0019	SF	Finish New High School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.09	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0020	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	3.91	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0021	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.01	
		For Stage Or Dance Floors, Deduct	*-0.08*	
09 93 23 53-0022	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.09	
		For Stage Or Dance Floors, Deduct	*-0.08*	

09 94 Decorative Finishing *(09 90)*

09 94 13 Textured Finishing *(09 94)*

09 94 13 00-0001	SF	Textured Metallic Paint (Scufmaster Envirometal)	2.22	
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.22*	

09 96 High-Performance Coatings *(09 90)*

09 96 23 Graffiti-Resistant Coatings *(09 96)*

09 96 23 00-0001 Anti-Graffiti Coating *(09 96 23)*

09 96 23 00-0002	SF	Sacrificial Anti-Graffiti Coating, Per Coat	1.31	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
09 96 23 00-0003	SF	Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat	1.37	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	

09 96 53 Elastomeric Coatings *(09 96)*

09 96 53 00-0001 Elastomeric Painting *(09 96 53)*

Note: Per coat.

09 96 53 00-0002	SF	Paint, Brush, Elastomeric, Per Coat	2.29	
		For Work >20', Add *Note: Applied only to work area above 20'.*	*0.41*	
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.46*	
09 96 53 00-0003	SF	Paint, Roller, Elastomeric, Per Coat	1.81	
		For Work >20', Add *Note: Applied only to work area above 20'.*	*0.29*	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0004	SF	Paint, Conventional Spray, Elastomeric, Per Coat	1.57	
		For Work >20', Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	
09 96 53 00-0005	SF	Paint, Airless Spray, Elastomeric, Per Coat	1.41	
		For Work >20', Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

09 96 56 Epoxy Coatings *(09 96)*

09 96 56 00-0001 High Build Epoxy *(09 96 56)*

09 96 56 00-0002	SF	High Build Epoxy - 50 Mil	3.04	

09 96 56 00-0003 Laminated Epoxy With Fiberglass *(09 96 56)*

09 96 56 00-0004	SF	Laminated Epoxy With Fiberglass	5.59	

09 96 66 Aggregate Wall Coatings *(09 96)*

09 96 66 00-0001 Troweled On *(09 96 66)*

09 96 66 00-0002	SF	Exposed Aggregate - 1/16" To 1/4" - Troweled On	4.02	
09 96 66 00-0003	SF	Exposed Aggregate - 1/2" To 5/8" Troweled On	7.23	
09 96 66 00-0004	SF	Exposed Aggregate - 1" Troweled On	10.74	

09 96 66 00-0005 Sprayed On *(09 96 66)*

09 96 66 00-0006	SF	Exposed Aggregate - 1/8" - Sprayed On	3.27	

09 97 Special Coatings *(09 90)*

09 97 13 Steel Coatings *(09 97)*

09 97 13 23 Exterior Steel Coatings *(09 97 13)*

09 97 13 23-0001 Surface Preparation For Structural Steel *(09 97 13 23)*
Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0002 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

09 97 13 23-0003	SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.94	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
09 97 13 23-0004	SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.83	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0005	SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	0.82	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0006	SF	Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.16	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	

09 97 13 23-0007 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

09 97 13 23-0008	SF	Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.41	
		For Up To 100, Add	*1.71*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0009	SF	Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.10	
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0010	SF	Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	1.96	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0011	SF	Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	3.03	
		For Up To 100, Add	*2.17*	
		For >100 To 250, Add	*1.02*	
		For >250 To 500, Add	*0.44*	

09 97 13 23-0012 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

09 97 13 23-0013	SF	Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.68	
		For Up To 100, Add	*3.34*	
		For >100 To 250, Add	*1.57*	
		For >250 To 500, Add	*0.67*	
09 97 13 23-0014	SF	Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.02	
		For Up To 100, Add	*2.85*	
		For >100 To 250, Add	*1.34*	
		For >250 To 500, Add	*0.58*	
09 97 13 23-0015	SF	Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	3.70	
		For Up To 100, Add	*2.61*	
		For >100 To 250, Add	*1.23*	
		For >250 To 500, Add	*0.53*	
09 97 13 23-0016	SF	Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation	5.67	
		For Up To 100, Add	*4.08*	
		For >100 To 250, Add	*1.91*	
		For >250 To 500, Add	*0.82*	

09 97 13 23-0017 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

09 97 13 23-0018	SF	Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.49	
		For Up To 100, Add	*2.48*	
		For >100 To 250, Add	*1.16*	
		For >250 To 500, Add	*0.50*	
09 97 13 23-0019	SF	Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.98	
		For Up To 100, Add	*2.12*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.43*	
09 97 13 23-0020	SF	Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.81	
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
09 97 13 23-0021	SF	Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation	4.12	
		For Up To 100, Add	*2.97*	
		For >100 To 250, Add	*1.39*	
		For >250 To 500, Add	*0.60*	

09 97 13 23-0022 Protective Coatings For Tanks And Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0023 1.5 Mil Prime Coat For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0024	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat	0.93	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
09 97 13 23-0025	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat	0.69	
		For Up To 100, Add	*0.46*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
09 97 13 23-0026	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat	0.61	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 97 13 23-0027	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.13	
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 23-0028	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat	1.37	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
09 97 13 23-0029	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat	1.00	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
09 97 13 23-0030	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat	0.88	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0031	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.66	
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	

09 97 13 23-0032 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel *(09 97 13 23-0022)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0033	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.74	
		For Up To 100, Add	*1.85*	
		For >100 To 250, Add	*0.87*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0034	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.97	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
09 97 13 23-0035	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.81	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 13 23-0036	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.34	
		For Up To 100, Add	*2.29*	
		For >100 To 250, Add	*1.08*	
		For >250 To 500, Add	*0.47*	
09 97 13 23-0037	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.05	
		For Up To 100, Add	*1.38*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0038	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.47	
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0039	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.36	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0040	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.51	
		For Up To 100, Add	*1.72*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0041	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.34	
		For Up To 100, Add	*3.05*	
		For >100 To 250, Add	*1.43*	
		For >250 To 500, Add	*0.62*	
09 97 13 23-0042	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.06	
		For Up To 100, Add	*2.10*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.43*	
09 97 13 23-0043	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.81	
		For Up To 100, Add	*1.92*	
		For >100 To 250, Add	*0.90*	
		For >250 To 500, Add	*0.39*	
09 97 13 23-0044	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	5.34	
		For Up To 100, Add	*3.79*	
		For >100 To 250, Add	*1.78*	
		For >250 To 500, Add	*0.77*	
09 97 13 23-0045	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.25	
		For Up To 100, Add	*2.28*	
		For >100 To 250, Add	*1.07*	
		For >250 To 500, Add	*0.46*	
09 97 13 23-0046	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.30	
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0047	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.11	
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0048	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	4.01	
		For Up To 100, Add	*2.85*	
		For >100 To 250, Add	*1.34*	
		For >250 To 500, Add	*0.57*	

09 97 13 23-0049 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0050	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.12	
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0051	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.72	
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
09 97 13 23-0052	SF	Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.58	
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.21*	
09 97 13 23-0053	SF	Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.65	
		For Up To 100, Add	*1.83*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.37*	
09 97 13 23-0054	SF	Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.35	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0055	SF	Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.11	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 97 13 23-0056	SF	Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.01	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 13 23-0057	SF	Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.69	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 13 23-0058	SF	Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.10	
		For Up To 100, Add	*2.17*	
		For >100 To 250, Add	*1.02*	
		For >250 To 500, Add	*0.44*	
09 97 13 23-0059	SF	Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.51	
		For Up To 100, Add	*1.74*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0060	SF	Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.28	
		For Up To 100, Add	*1.57*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0061	SF	Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.90	
		For Up To 100, Add	*2.77*	
		For >100 To 250, Add	*1.30*	
		For >250 To 500, Add	*0.56*	
09 97 13 23-0062	SF	Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.98	
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0063	SF	Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.61	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
09 97 13 23-0064	SF	Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.46	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0065	SF	Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.50	
		For Up To 100, Add	*1.77*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	

09 97 13 23-0066 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0067	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.39	
		For Up To 100, Add	*2.12*	
		For >100 To 250, Add	*1.01*	
		For >250 To 500, Add	*0.44*	
09 97 13 23-0068	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.44	
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0069	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.14	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
09 97 13 23-0070	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.87	
		For Up To 100, Add	*2.46*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.51*	
09 97 13 23-0071	SF	Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.38	
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0072	SF	Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.70	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 97 13 23-0073	SF	Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.50	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0074	SF	Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.70	
		For Up To 100, Add	*1.72*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.35*	

09 97 13 23-0075 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0076	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.59	
		For Up To 100, Add	*2.15*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0077	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.62	
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0078	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.32	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.27*	
09 97 13 23-0079	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	4.08	
		For Up To 100, Add	*2.50*	
		For >100 To 250, Add	*1.19*	
		For >250 To 500, Add	*0.52*	
09 97 13 23-0080	SF	Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	2.95	
		For Up To 100, Add	*1.76*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
09 97 13 23-0081	SF	Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	2.15	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0082	SF	Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	1.90	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
09 97 13 23-0083	SF	Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats	3.34	
		For Up To 100, Add	*2.04*	
		For >100 To 250, Add	*0.98*	
		For >250 To 500, Add	*0.42*	

09 97 13 23-0084 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0085	SF	Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.57	
		For Up To 100, Add	*4.63*	
		For >100 To 250, Add	*2.21*	
		For >250 To 500, Add	*0.96*	
09 97 13 23-0086	SF	Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	5.67	
		For Up To 100, Add	*3.31*	
		For >100 To 250, Add	*1.59*	
		For >250 To 500, Add	*0.69*	
09 97 13 23-0087	SF	Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	5.45	
		For Up To 100, Add	*3.15*	
		For >100 To 250, Add	*1.52*	
		For >250 To 500, Add	*0.66*	
09 97 13 23-0088	SF	Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	8.88	
		For Up To 100, Add	*5.59*	
		For >100 To 250, Add	*2.66*	
		For >250 To 500, Add	*1.15*	

09 97 13 23-0089 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0090	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.92	
		For Up To 100, Add	*2.24*	
		For >100 To 250, Add	*1.08*	
		For >250 To 500, Add	*0.47*	
09 97 13 23-0091	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.01	
		For Up To 100, Add	*1.57*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
09 97 13 23-0092	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.87	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.72*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0093	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.47	
		For Up To 100, Add	*2.64*	
		For >100 To 250, Add	*1.27*	
		For >250 To 500, Add	*0.55*	
09 97 13 23-0094	SF	Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	3.09	
		For Up To 100, Add	*1.77*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
09 97 13 23-0095	SF	Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	2.38	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
09 97 13 23-0096	SF	Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	2.27	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0097	SF	Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats	3.53	
		For Up To 100, Add	*2.08*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.44*	

09 97 13 23-0098 Two 8 Mil Coal Tar Epoxy Coats For Structural Steel *(09 97 13 23-0022)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0099	SF	Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	3.42	
		For Up To 100, Add	*2.17*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.45*	
09 97 13 23-0100	SF	Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	2.76	
		For Up To 100, Add	*1.71*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.35*	
09 97 13 23-0101	SF	Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	2.54	
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0102	SF	Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats	4.26	
		For Up To 100, Add	*2.79*	
		For >100 To 250, Add	*1.32*	
		For >250 To 500, Add	*0.57*	

09 97 13 23-0103 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0104	SF	Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.34	
		For Up To 100, Add	*2.21*	
		For >100 To 250, Add	*1.04*	
		For >250 To 500, Add	*0.45*	
09 97 13 23-0105	SF	Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.33	
		For Up To 100, Add	*1.47*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0106	SF	Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	1.96	
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0107	SF	Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.81	
		For Up To 100, Add	*2.54*	
		For >100 To 250, Add	*1.20*	
		For >250 To 500, Add	*0.52*	

09 97 13 23-0108 One 3 Mil High Zinc Silicate Coat For Structural Steel *(09 97 13 23-0022)*

09 97 13 23-0109	SF	Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat	1.71	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
09 97 13 23-0110	SF	Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat	1.22	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
09 97 13 23-0111	SF	Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat	1.14	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0112	SF	Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat	1.81	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	

09 97 13 23-0113 Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel *(09 97 13 23-0022)*

Note: Installed over existing primer.

09 97 13 23-0114	SF	Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.69	
		For Up To 100, Add	*1.66*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.34*	
09 97 13 23-0115	SF	Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.20	
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0116	SF	Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	1.90	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
09 97 13 23-0117	SF	Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats	3.16	
		For Up To 100, Add	*2.00*	
		For >100 To 250, Add	*0.95*	
		For >250 To 500, Add	*0.41*	

09 97 13 24 Steel Water Storage Tank Painting *(09 97 13)*

09 97 13 24-0001 Surface Preparation For Tanks *(09 97 13 24)*

Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.

09 97 13 24-0002 SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0003	SF	Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.46	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0004	SF	Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.29	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
09 97 13 24-0005	SF	Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.83	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.27*	

09 97 13 24-0006 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0007	SF	Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.79	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0008	SF	Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.64	
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
09 97 13 24-0009	SF	Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.11	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	

09 97 13 24-0010 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0011	SF	Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.95	
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0012	SF	Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.79	
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.25*	
09 97 13 24-0013	SF	Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation	2.60	
		For Up To 100, Add	*1.86*	
		For >100 To 250, Add	*0.87*	
		For >250 To 500, Add	*0.38*	

09 97 13 24-0014 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0015	SF	Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.52	
		For Up To 100, Add	*2.48*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.50*	
09 97 13 24-0016	SF	Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.36	
		For Up To 100, Add	*2.36*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 24-0017	SF	Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation	4.91	
		For Up To 100, Add	*3.53*	
		For >100 To 250, Add	*1.65*	
		For >250 To 500, Add	*0.71*	

09 97 13 24-0018 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0019	SF	Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.81	
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
09 97 13 24-0020	SF	Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	2.81	
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
09 97 13 24-0021	SF	Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation	4.12	
		For Up To 100, Add	*2.97*	
		For >100 To 250, Add	*1.39*	
		For >250 To 500, Add	*0.60*	

09 97 13 24-0022 Protective Coatings For Tanks *(09 97 13 24)*

Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.

09 97 13 24-0023 1.5 Mil Prime Coat For Tanks *(09 97 13 24-0022)*

09 97 13 24-0024	SF	Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.54	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0025	SF	Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.43	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
09 97 13 24-0026	SF	Spray Tank Interior 1.5 Mil Prime Coat	1.06	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 97 13 24-0027	SF	Brush Small Vessel/Tank 1.5 Mil Prime Coat	0.77	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0028	SF	Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.61	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 97 13 24-0029	SF	Brush Tank Interior 1.5 Mil Prime Coat	1.57	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	

09 97 13 24-0030 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0022)*

09 97 13 24-0031	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.58	
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0032	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.20	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
09 97 13 24-0033	SF	Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.99	
		For Up To 100, Add	*2.06*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.42*	
09 97 13 24-0034	SF	Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.18	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
09 97 13 24-0035	SF	Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	0.90	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0036	SF	Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.25	
		For Up To 100, Add	*1.55*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.31*	
09 97 13 24-0037	SF	Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.43	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
09 97 13 24-0038	SF	Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.81	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0039	SF	Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.80	
		For Up To 100, Add	*3.41*	
		For >100 To 250, Add	*1.60*	
		For >250 To 500, Add	*0.69*	
09 97 13 24-0040	SF	Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.82	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 24-0041	SF	Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.35	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0042	SF	Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.60	
		For Up To 100, Add	*2.56*	
		For >100 To 250, Add	*1.20*	
		For >250 To 500, Add	*0.52*	

09 97 13 24-0043 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0022)*

09 97 13 24-0044	SF	Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.42	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 13 24-0045	SF	Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.20	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0046	SF	Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.14	
		For Up To 100, Add	*2.22*	
		For >100 To 250, Add	*1.04*	
		For >250 To 500, Add	*0.45*	
09 97 13 24-0047	SF	Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.90	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0048	SF	Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.76	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 24-0049	SF	Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	2.00	
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
09 97 13 24-0050	SF	Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.05	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0051	SF	Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.71	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0052	SF	Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	5.00	
		For Up To 100, Add	*3.67*	
		For >100 To 250, Add	*1.72*	
		For >250 To 500, Add	*0.74*	
09 97 13 24-0053	SF	Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.31	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0054	SF	Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.08	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
09 97 13 24-0055	SF	Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	3.25	
		For Up To 100, Add	*2.35*	
		For >100 To 250, Add	*1.10*	
		For >250 To 500, Add	*0.47*	

09 97 13 24-0056 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks *(09 97 13 24-0022)*

09 97 13 24-0057	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.98	
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0058	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.68	
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
09 97 13 24-0059	SF	Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.38	
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0060	SF	Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.17	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	

09 97 13 24-0061 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks *(09 97 13 24-0022)*

09 97 13 24-0062	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.15	
		For Up To 100, Add	*1.13*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0063	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	1.85	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0064	SF	Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	1.76	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0065	SF	Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	1.51	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	

09 97 13 24-0066 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks *(09 97 13 24-0022)*

09 97 13 24-0067	SF	Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	5.25	
		For Up To 100, Add	*3.03*	
		For >100 To 250, Add	*1.46*	
		For >250 To 500, Add	*0.64*	
09 97 13 24-0068	SF	Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	4.80	
		For Up To 100, Add	*2.69*	
		For >100 To 250, Add	*1.30*	
		For >250 To 500, Add	*0.57*	
09 97 13 24-0069	SF	Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	8.24	
		For Up To 100, Add	*5.27*	
		For >100 To 250, Add	*2.50*	
		For >250 To 500, Add	*1.08*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0070		**1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks** *(09 97 13 24-0022)*		
09 97 13 24-0071	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.69	
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 97 13 24-0072	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.37	
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 24-0073	SF	Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.16	
		For Up To 100, Add	*2.51*	
		For >100 To 250, Add	*1.20*	
		For >250 To 500, Add	*0.52*	
09 97 13 24-0074	SF	Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	2.12	
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0075	SF	Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	1.86	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0076	SF	Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats	3.28	
		For Up To 100, Add	*1.98*	
		For >100 To 250, Add	*0.95*	
		For >250 To 500, Add	*0.41*	
09 97 13 24-0077		**Two 8 Mil Coal Tar Epoxy Coats For Tanks** *(09 97 13 24-0022)*		
09 97 13 24-0078	SF	Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	2.52	
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
09 97 13 24-0079	SF	Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	2.07	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 24-0080	SF	Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats	3.26	
		For Up To 100, Add	*2.10*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.43*	
09 97 13 24-0081		**One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks** *(09 97 13 24-0022)*		
09 97 13 24-0082	SF	Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	1.72	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0083	SF	Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	1.57	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 13 24-0084	SF	Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.69	
		For Up To 100, Add	*1.75*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	
09 97 13 24-0085		**Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior** *(09 97 13 24-0022)*		
09 97 13 24-0086	SF	Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats	3.83	
		For Up To 100, Add	*2.36*	
		For >100 To 250, Add	*1.13*	
		For >250 To 500, Add	*0.49*	
09 97 13 24-0087	SF	Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats	2.26	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0088		**One 3 Mil High Zinc Silicate Coat For Tanks** *(09 97 13 24-0022)*		
09 97 13 24-0089	SF	Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.06	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0090	SF	Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.03	
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0091	SF	Spray Tank Interior One 3 Mil High Zinc Silicate Coat	1.73	
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0092		Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks *(09 97 13 24-0022)*		
		Note: Installed over existing primer.		
09 97 13 24-0093	SF	Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.80	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0094	SF	Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.58	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
09 97 13 24-0095	SF	Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats	2.55	
		For Up To 100, Add	*1.59*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 24-0096		One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0097	SF	Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat	6.76	
		For Up To 100, Add	*4.42*	
		For >100 To 250, Add	*2.09*	
		For >250 To 500, Add	*0.91*	
09 97 26		**Cementitious Coatings** *(09 97)*		
09 97 26 13		**Interior Cementitious Coatings** *(09 97 26)*		
09 97 26 13-0001		Ceramic-Like Glazed Coating *(09 97 26 13)*		
09 97 26 13-0002		Ceramic-Like Glazed Coating, Cementitious *(09 97 26 13-0001)*		
09 97 26 13-0003	SF	Ceramic-like Glazed Coating. - Cementitious	2.60	
09 97 26 13-0004		Ceramic-Like Glazed Coating, Resin Base *(09 97 26 13-0001)*		
09 97 26 13-0005	SF	Ceramic-like Glazed Coating - Resin	2.20	
09 97 35		**Dry Erase Coatings** *(09 97)*		
09 97 35 00-0001		Dry-Erase Paint *(09 97 35)*		
09 97 35 00-0002		Dry-Erase Paint (IdeaPaint™ PRO) *(09 97 35 00-0001)*		
09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller	8.59	
		Note: Includes two coats of primer and white, white sand, light beige or light gray surface.		
09 97 35 00-0004		Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) *(09 97 35 00-0001)*		
09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	4.53	
		Note: For application over existing latex-based top coats.		
09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	9.10	
		Note: Includes two coats of primer and white or black surface coat.		
09 97 63		**Special Coatings and Protection Systems** *(09 97)*		
09 97 63 00-0001		Acrylic Glazed Coating *(09 97 63)*		
09 97 63 00-0002	SF	Acrylic Glazed Coating	1.71	

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Book 2 of 3 CSI Divisions 10 - 23 December 2019

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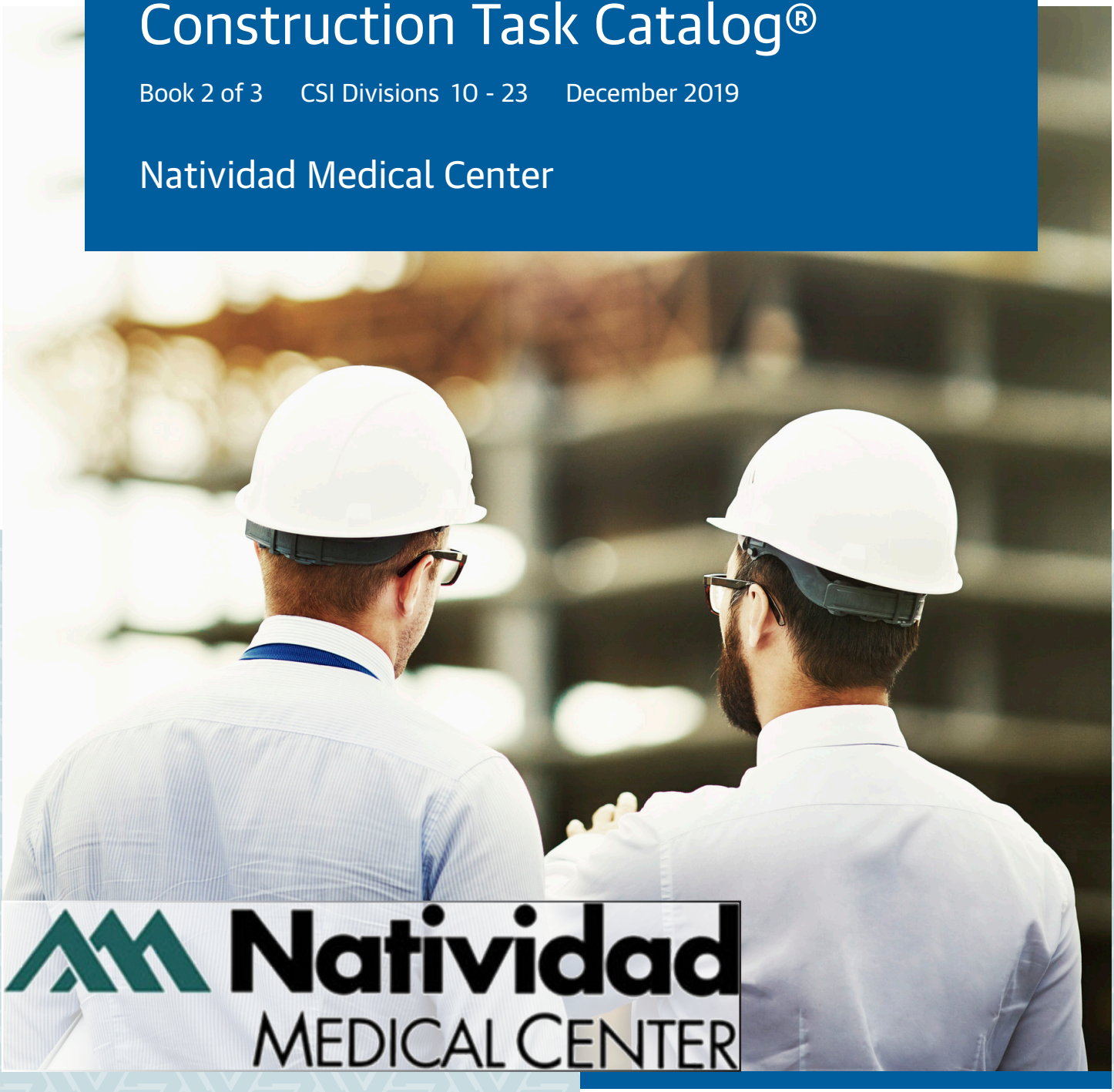

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in December 2019.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

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- ☑ The tasks in this Construction Task Catalog are organized using CSI's *MasterFormat*.

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The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.

EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

BUSINESS COSTS:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.
- ☑ Insurance and bonding.
- ☑ Profit.

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- ☑ Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- ☑ Subcontractor's overhead and profit.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

PROJECT RELATED COSTS:

- ☑ Project trailer, equipment and supplies, and portable toilets for Contractor's use.
- ☑ Project management and project supervision.
- ☑ Services required to complete project filings and obtain permits.
- ☑ Preparation and modification of sketches, drawings, submittals, as-built drawings, and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Gang boxes and storage containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner's security requirements.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- ☑ Sealing windows doors, and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow. Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Daily clean-up.
- ☑ Final professional clean-up.

PRICE VARIATIONS:

- ☑ Contractors may experience direct costs that are different than the unit prices set forth in the Construction Task Catalog. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.

SUMMARY:

- ☑ This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- ☑ The only compensation to be paid to the Contractor for unit price tasks will be:

Unit Price	X	Quantity	X	Adjustment Factor

- ☑ No additional payments of any kind whatsoever will be made.
- ☑ All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than

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2 stories, the contractor will be paid for such crane or lifting equipment as a separate task.

- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.
- ☑ Whenever there are alternative tasks that may be selected to complete work, the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

WORKING HEIGHT:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

FIELD ENGINEERING:

- ☑ Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying

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required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate tasks.

ASSEMBLIES:

- ☑ Assembly tasks take precedence over individual component tasks.

RESTRICTED AND CONFINED SPACES:

- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- ☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

TECHNICAL SPECIFICATIONS:

- ☑ Technical Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a Technical Specification shall be considered included in the unit price, unless the task description states otherwise.

Or Equals:

- ☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD**

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- Linear Feet Per Day, **LIT –** Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

☑ The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

	Material Weight (Lbs Per CY)		
Material	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

BULK FACTORS FOR DEMOLITION:

☑ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

CONVERSIONS:

1 Acre = 43,560 Square Feet = 4046.8 Square Meters

1 Board Foot = 12” x 12” x 1” = 144 Cubic Inches

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

1 Square Foot = 144 Square Inches = .0929 Square Meters

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

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1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

STANDARD GEOMETRY:

Circle

- Circumference = 2 π radius = π diameter
- Area = π radius^2 = π (diameter^2 / 4)

Cylinder

- Volume = (π radius^2)height
- Surface Area = 2 π radius^2+(2 π radius)height

Sphere

- Volume = (4 π radius^3) / 3
- Surface Area = 4 π radius^2

π = 3.14159

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

TRADEMARKS

☑ Gordian JOC Solution, JOC Complete Solution, JOC Complete Solution Plus, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, DMAP, The Standard for Job Order Contracting and 6 Phase Development and Implementation Process are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 Specialties

10 01 Operation And Maintenance Of Specialties *(10)*

10 01 40 Operation And Maintenance Of Safety Specialties *(10 01)*

10 01 40 00-0001 Recharge Existing Portable Fire Extinguishers *(10 01 40)*
Note: Includes removal, filling, testing, certification and reinstallation.

10 01 40 00-0002 Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0003	EA	Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher	10.21	
10 01 40 00-0004	EA	Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher	11.35	
10 01 40 00-0005	EA	Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher	11.80	
10 01 40 00-0006	EA	Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher	13.36	
10 01 40 00-0007	EA	Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher	15.43	

10 01 40 00-0008 Recharge Dry Chemical, Class ABC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0009	EA	Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher	12.32	
10 01 40 00-0010	EA	Recharge 5 LB Dry Chemical Portable Fire Extinguisher	14.92	
10 01 40 00-0011	EA	Recharge 10 LB Dry Chemical Portable Fire Extinguisher	21.08	
10 01 40 00-0012	EA	Recharge 20 LB Dry Chemical Portable Fire Extinguisher	33.27	

10 01 40 00-0013 Recharge Other Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0014	EA	Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	12.19	
10 01 40 00-0015	EA	Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	86.90	
10 01 40 00-0016	EA	Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	121.66	
10 01 40 00-0017	EA	Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher	50.09	

10 01 50 Operation And Maintenance Of Storage Specialties *(10 01)*

10 01 50 11 Operation And Maintenance Of Storage Specialties *(10 01 50)*

10 01 50 11-0001 Locker Repair And Refinishing *(10 01 50 11)*

10 01 50 11-0002	EA	Replace Single Tier Locker Door	274.04	
10 01 50 11-0003	EA	Replace Two Tier Locker Door	215.83	
10 01 50 11-0004	EA	Replace Three Tier Locker Door	185.86	
10 01 50 11-0005	EA	Replace Four Tier Locker Door	157.62	
10 01 50 11-0006	EA	Replace Six Tier Or Sixteen Person Locker Door	91.50	
10 01 50 11-0007	EA	Realign Metal Locker Door For Proper Closure	35.40	
10 01 50 11-0008	EA	Patch Small Drill Holes in Locker	7.08	

10 10 Information Specialties *(10)*

10 11 Visual Display Units *(10 10)*

10 11 13 Chalkboards *(10 11)*

10 11 13 13 Fixed Chalkboards *(10 11 13)*
Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001 Porcelain Enamel Steel Chalkboards *(10 11 13 13)*

10 11 13 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) *(10 11 13 13-0001)*
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	42.40	8.29
		For >3 To 9, Deduct	*-1.94*	
		For >9, Deduct	*-4.00*	
10 11 13 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	26.98	3.90
		For >3 To 9, Deduct	*-1.44*	
		For >9, Deduct	*-2.97*	
10 11 13 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	23.32	3.37
		For >3 To 9, Deduct	*-1.24*	
		For >9, Deduct	*-2.57*	
10 11 13 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	19.29	2.19
		For >3 To 9, Deduct	*-1.12*	
		For >9, Deduct	*-2.31*	
10 11 13 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	16.08	1.22
		For >3 To 9, Deduct	*-1.02*	
		For >9, Deduct	*-2.12*	

10 11 13 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) *(10 11 13 13-0001)*
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	44.80	8.29
		For >3 To 9, Deduct	*-2.12*	
		For >9, Deduct	*-4.37*	
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	29.32	3.90
		For >3 To 9, Deduct	*-1.61*	
		For >9, Deduct	*-3.34*	
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	25.47	3.37
		For >3 To 9, Deduct	*-1.41*	
		For >9, Deduct	*-2.90*	
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	21.90	2.19
		For >3 To 9, Deduct	*-1.31*	
		For >9, Deduct	*-2.72*	
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	18.63	1.22
		For >3 To 9, Deduct	*-1.22*	
		For >9, Deduct	*-2.51*	

10 11 13 13-0014 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) *(10 11 13 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.

10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	40.92	8.29
		For >3 To 9, Deduct	*-1.83*	
		For >9, Deduct	*-3.77*	
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	25.47	3.90
		For >3 To 9, Deduct	*-1.33*	
		For >9, Deduct	*-2.74*	
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	21.88	3.37
		For >3 To 9, Deduct	*-1.14*	
		For >9, Deduct	*-2.35*	
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	18.08	2.19
		For >3 To 9, Deduct	*-1.03*	
		For >9, Deduct	*-2.12*	
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	14.73	1.22
		For >3 To 9, Deduct	*-0.92*	
		For >9, Deduct	*-1.91*	

10 11 13 13-0020 Remove And Reinstall *(10 11 13 13)*

10 11 13 13-0021	SF	Removal And Reinstallation Of Chalkboard	10.17	
		For >3 To 9, Deduct	*-0.03*	
		For >9, Deduct	*-0.07*	

10 11 13 13-0022 Field Applied Chalkboard And Accessories *(10 11 13 13)*

10 11 13 13-0023 Chalkboard Face Sheets And Panels *(10 11 13 13-0022)*

10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite) Note: Includes porcelain enamel steel chalkboard skin.	14.20	3.90
		For >3 To 9, Deduct	*-0.52*	
		For >9, Deduct	*-1.07*	
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT) Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.	16.86	3.90
		For >3 To 9, Deduct	*-0.72*	
		For >9, Deduct	*-1.48*	

10 11 13 13-0026 Chalkboard And Markerboard Accessory Trays And Trim *(10 11 13 13-0022)*

10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied	16.34	5.36
		For >3 To 9, Deduct	*-0.41*	
		For >9, Deduct	*-0.85*	
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied	23.80	9.75
		For >3 To 9, Deduct	*-0.32*	
		For >9, Deduct	*-0.66*	
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied	12.57	5.36
		For >3 To 9, Deduct	*-0.13*	
		For >9, Deduct	*-0.27*	
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied	12.86	5.36
		For >3 To 9, Deduct	*-0.15*	
		For >9, Deduct	*-0.31*	
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	13.73	5.36
		For >3 To 9, Deduct	*-0.22*	
		For >9, Deduct	*-0.45*	
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	14.46	5.36
		For >3 To 9, Deduct	*-0.27*	
		For >9, Deduct	*-0.56*	
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied	13.31	5.36
		For >3 To 9, Deduct	*-0.18*	
		For >9, Deduct	*-0.38*	

10 11 13 33 Rail-Mounted Chalkboards *(10 11 13)*

10 11 13 33-0001 Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) *(10 11 13 33)*

10 11 13 33-0002 Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	1,925.16	97.52
		For >3 To 9, Deduct	*-129.76*	
		For >9, Deduct	*-268.17*	
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,160.27	97.52
		For >3 To 9, Deduct	*-147.39*	
		For >9, Deduct	*-304.61*	
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,446.11	103.87
		For >3 To 9, Deduct	*-167.88*	
		For >9, Deduct	*-346.95*	
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,719.28	103.87
		For >3 To 9, Deduct	*-188.37*	
		For >9, Deduct	*-389.29*	
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,386.79	111.67
		For >3 To 9, Deduct	*-237.26*	
		For >9, Deduct	*-490.33*	
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,604.69	111.67
		For >3 To 9, Deduct	*-253.60*	
		For >9, Deduct	*-524.11*	
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,072.03	117.03
		For >3 To 9, Deduct	*-287.85*	
		For >9, Deduct	*-594.89*	
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,612.93	117.03
		For >3 To 9, Deduct	*-328.42*	
		For >9, Deduct	*-678.72*	

10 11 13 33-0011 Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*

10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,626.46	97.52
		For >3 To 9, Deduct	*-182.36*	
		For >9, Deduct	*-376.87*	
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,113.46	97.52
		For >3 To 9, Deduct	*-218.88*	
		For >9, Deduct	*-452.35*	
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,562.40	103.87
		For >3 To 9, Deduct	*-251.60*	
		For >9, Deduct	*-519.97*	
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,009.53	103.87
		For >3 To 9, Deduct	*-285.14*	
		For >9, Deduct	*-589.28*	
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,570.13	111.67
		For >3 To 9, Deduct	*-326.01*	
		For >9, Deduct	*-673.75*	
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,767.19	111.67
		For >3 To 9, Deduct	*-340.79*	
		For >9, Deduct	*-704.30*	
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,588.81	117.03
		For >3 To 9, Deduct	*-401.61*	
		For >9, Deduct	*-829.99*	
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,246.59	117.03
		For >3 To 9, Deduct	*-450.94*	
		For >9, Deduct	*-931.94*	

10 11 13 33-0020 Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*

10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,925.47	97.52
		For >3 To 9, Deduct	*-204.78*	
		For >9, Deduct	*-423.22*	
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,323.67	97.52
		For >3 To 9, Deduct	*-234.65*	
		For >9, Deduct	*-484.94*	
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,755.40	103.87
		For >3 To 9, Deduct	*-266.08*	
		For >9, Deduct	*-549.89*	
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,212.49	103.87
		For >3 To 9, Deduct	*-300.36*	
		For >9, Deduct	*-620.74*	
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,099.28	111.67
		For >3 To 9, Deduct	*-365.70*	
		For >9, Deduct	*-755.77*	
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,309.02	111.67
		For >3 To 9, Deduct	*-381.43*	
		For >9, Deduct	*-788.28*	
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,267.47	117.03
		For >3 To 9, Deduct	*-452.51*	
		For >9, Deduct	*-935.18*	
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,995.52	117.03
		For >3 To 9, Deduct	*-507.11*	
		For >9, Deduct	*-1,048.03*	

10 11 13 33-0029 Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) *(10 11 13 33)*

10 11 13 33-0030 One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,298.90	97.52
		For >3 To 9, Deduct	*-157.79*	
		For >9, Deduct	*-326.10*	
10 11 13 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,535.82	97.52
		For >3 To 9, Deduct	*-175.56*	
		For >9, Deduct	*-362.82*	
10 11 13 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,772.73	103.87
		For >3 To 9, Deduct	*-192.38*	
		For >9, Deduct	*-397.58*	
10 11 13 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,184.06	103.87
		For >3 To 9, Deduct	*-223.22*	
		For >9, Deduct	*-461.33*	
10 11 13 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,487.76	111.67
		For >3 To 9, Deduct	*-244.83*	
		For >9, Deduct	*-505.99*	
10 11 13 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,867.38	111.67
		For >3 To 9, Deduct	*-273.30*	
		For >9, Deduct	*-564.83*	

10 11 13 33-0037 Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*

10 11 13 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,366.19	97.52
		For >3 To 9, Deduct	*-237.84*	
		For >9, Deduct	*-491.53*	
10 11 13 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,734.02	97.52
		For >3 To 9, Deduct	*-265.42*	
		For >9, Deduct	*-548.54*	
10 11 13 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,103.66	103.87
		For >3 To 9, Deduct	*-292.19*	
		For >9, Deduct	*-603.87*	
10 11 13 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,780.43	103.87
		For >3 To 9, Deduct	*-342.95*	
		For >9, Deduct	*-708.77*	
10 11 13 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,202.79	111.67
		For >3 To 9, Deduct	*-373.46*	
		For >9, Deduct	*-771.81*	
10 11 13 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,817.04	111.67
		For >3 To 9, Deduct	*-419.53*	
		For >9, Deduct	*-867.02*	

10 11 13 33-0044 Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*

10 11 13 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,592.04	97.52
		For >3 To 9, Deduct	*-329.77*	
		For >9, Deduct	*-681.53*	
10 11 13 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,093.50	97.52
		For >3 To 9, Deduct	*-367.38*	
		For >9, Deduct	*-759.26*	
10 11 13 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,596.77	103.87
		For >3 To 9, Deduct	*-404.18*	
		For >9, Deduct	*-835.30*	
10 11 13 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,538.08	103.87
		For >3 To 9, Deduct	*-474.78*	
		For >9, Deduct	*-981.20*	
10 11 13 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,089.98	111.67
		For >3 To 9, Deduct	*-515.00*	
		For >9, Deduct	*-1,064.33*	
10 11 13 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,955.17	111.67
		For >3 To 9, Deduct	*-579.89*	
		For >9, Deduct	*-1,198.43*	

10 11 13 33-0051 Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series) *(10 11 13 33)*

Note: Excludes remotes.

10 11 13 33-0052 One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*

10 11 13 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,370.90	195.05
		For >3 To 9, Deduct	*-523.56*	
		For >9, Deduct	*-1,082.02*	
10 11 13 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,580.75	195.05
		For >3 To 9, Deduct	*-539.30*	
		For >9, Deduct	*-1,114.55*	
10 11 13 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,815.48	201.15
		For >3 To 9, Deduct	*-555.99*	
		For >9, Deduct	*-1,149.04*	
10 11 13 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,199.84	201.15
		For >3 To 9, Deduct	*-584.82*	
		For >9, Deduct	*-1,208.62*	
10 11 13 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,625.38	207.24
		For >3 To 9, Deduct	*-615.82*	
		For >9, Deduct	*-1,272.69*	
10 11 13 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,996.14	207.24
		For >3 To 9, Deduct	*-643.62*	
		For >9, Deduct	*-1,330.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,804.48	219.44
		For >3 To 9, Deduct	*-702.42*	
		For >9, Deduct	*-1,451.67*	
10 11 13 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,907.04	219.44
		For >3 To 9, Deduct	*-710.11*	
		For >9, Deduct	*-1,467.57*	

10 11 13 33-0061 Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*

10 11 13 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	11,580.91	195.05
		For >3 To 9, Deduct	*-839.31*	
		For >9, Deduct	*-1,734.58*	
10 11 13 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	11,858.35	195.05
		For >3 To 9, Deduct	*-860.12*	
		For >9, Deduct	*-1,777.58*	
10 11 13 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,168.84	201.15
		For >3 To 9, Deduct	*-882.49*	
		For >9, Deduct	*-1,823.81*	
10 11 13 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,733.69	201.15
		For >3 To 9, Deduct	*-924.85*	
		For >9, Deduct	*-1,911.37*	
10 11 13 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,296.22	207.24
		For >3 To 9, Deduct	*-966.13*	
		For >9, Deduct	*-1,996.67*	
10 11 13 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	13,832.98	207.24
		For >3 To 9, Deduct	*-1,006.39*	
		For >9, Deduct	*-2,079.87*	
10 11 13 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,924.19	219.44
		For >3 To 9, Deduct	*-1,086.40*	
		For >9, Deduct	*-2,245.22*	
10 11 13 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,086.74	219.44
		For >3 To 9, Deduct	*-1,098.59*	
		For >9, Deduct	*-2,270.42*	

10 11 13 33-0070 Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0051)*

10 11 13 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,037.97	195.05
		For >3 To 9, Deduct	*-1,098.59*	
		For >9, Deduct	*-2,270.42*	
10 11 13 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,738.19	195.05
		For >3 To 9, Deduct	*-1,151.11*	
		For >9, Deduct	*-2,378.95*	
10 11 13 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,109.92	201.15
		For >3 To 9, Deduct	*-1,178.07*	
		For >9, Deduct	*-2,434.68*	
10 11 13 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,844.39	201.15
		For >3 To 9, Deduct	*-1,233.16*	
		For >9, Deduct	*-2,548.52*	
10 11 13 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	17,617.31	207.24
		For >3 To 9, Deduct	*-1,290.21*	
		For >9, Deduct	*-2,666.44*	
10 11 13 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,359.94	207.24
		For >3 To 9, Deduct	*-1,345.91*	
		For >9, Deduct	*-2,781.55*	
10 11 13 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,826.45	219.44
		For >3 To 9, Deduct	*-1,454.07*	
		For >9, Deduct	*-3,005.07*	
10 11 13 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	20,112.40	219.44
		For >3 To 9, Deduct	*-1,475.51*	
		For >9, Deduct	*-3,049.40*	

10 11 13 33-0079 Sliding Chalkboard And Markerboard Accessories *(10 11 13 33)*

10 11 13 33-0080	EA	One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	552.49	
		For >3 To 9, Deduct	*-40.71*	
		For >9, Deduct	*-84.12*	
10 11 13 33-0081	EA	Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	943.01	
		For >3 To 9, Deduct	*-69.99*	
		For >9, Deduct	*-144.66*	

10 11 16 Markerboards *(10 11)*

10 11 16 13 Fixed Markerboards *(10 11 16)*

Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.

10 11 16 13-0001 Porcelain Enamel Steel Markerboards *(10 11 16 13)*

10 11 16 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) *(10 11 16 13-0001)*

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	42.55	8.29
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	27.51	3.90
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	23.32	3.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	19.48	2.19
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	15.87	1.22
10 11 16 13-0008		1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	44.83	8.29
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	28.19	3.90
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	24.34	3.37
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	20.76	2.19
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	17.97	1.22
10 11 16 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.		
10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	40.91	8.29
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	25.48	3.90
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	22.98	3.37
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	18.20	2.19
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	14.47	1.22
10 11 16 13-0020		Melamine Markerboards *(10 11 16 13)*		
10 11 16 13-0021		1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*		
		Note: Includes full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	33.95	8.29
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	20.68	3.90
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	17.94	3.37
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	13.44	2.19
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	10.85	1.22
10 11 16 13-0027		1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*		
		Note: Includes marker tray and mounting hardware.		
10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	33.17	8.29
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	20.32	3.90
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	17.43	3.37
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	12.53	2.19
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	10.02	1.22
10 11 16 13-0033		Nonporous, Non-Staining Markerboards *(10 11 16 13)*		
10 11 16 13-0034		5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	36.84	8.29
		For Magnetic Surface, Add	*2.03*	
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	23.22	3.90
		For Magnetic Surface, Add	*1.54*	
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	20.03	3.37
		For Magnetic Surface, Add	*1.33*	
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	17.15	2.19
		For Magnetic Surface, Add	*1.28*	
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	14.34	1.22
		For Magnetic Surface, Add	*1.19*	
10 11 16 13-0040		1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	36.84	8.29
		For Magnetic Surface, Add	*2.03*	
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	23.22	3.90
		For Magnetic Surface, Add	*1.54*	
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	20.03	3.37
		For Magnetic Surface, Add	*1.33*	
10 11 16 13-0044	SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	17.15	2.19
		For Magnetic Surface, Add	*1.28*	
10 11 16 13-0045	SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	14.34	1.22
		For Magnetic Surface, Add	*1.19*	
10 11 16 13-0046		1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0047	SF	Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	61.95	8.29
		For Magnetic Surface, Add	*4.54*	
10 11 16 13-0048	SF	>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	38.30	3.90
		For Magnetic Surface, Add	*3.05*	
10 11 16 13-0049	SF	>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	32.42	3.37
		For Magnetic Surface, Add	*2.57*	
10 11 16 13-0050	SF	>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	26.95	2.19
		For Magnetic Surface, Add	*2.26*	
10 11 16 13-0051	SF	>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	20.60	1.22
		For Magnetic Surface, Add	*1.82*	

10 11 16 13-0052 Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) *(10 11 16 13-0033)*

Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.

10 11 16 13-0053	SF	Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	16.31	3.37
10 11 16 13-0054	SF	>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	13.46	2.19
10 11 16 13-0055	SF	>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	10.90	1.22

10 11 16 13-0056 Remove And Reinstall Markerboard *(10 11 16 13)*

10 11 16 13-0057	EA	Up To 6 SF, Removal And Reinstallation Of Markerboard	58.52	
10 11 16 13-0058	EA	>6 To 12 SF, Removal And Reinstallation Of Markerboard	68.27	
10 11 16 13-0059	EA	>12 To 16 SF, Removal And Reinstallation Of Markerboard	78.02	
10 11 16 13-0060	EA	>16 To 24 SF, Removal And Reinstallation Of Markerboard	87.77	
10 11 16 13-0061	EA	>24 SF, Removal And Reinstallation Of Markerboard	97.52	

10 11 16 13-0062 Field Applied Markerboard And Accessories *(10 11 16 13)*

10 11 16 13-0063 Markerboard Face Sheets And Panels *(10 11 16 13-0062)*

10 11 16 13-0064	SF	Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	13.98	3.90
10 11 16 13-0065	SF	Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	16.37	3.90
10 11 16 13-0066	SF	Porcelain Enamel Steel Markerboard Panel (Claridge LCS). Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.	16.32	3.90
10 11 16 13-0067	SF	Melamine Markerboard Panel (Claridge 1032) Note: Includes 1/4" thick melamine panel.	9.65	3.90

10 11 16 13-0068 Chalkboard And Markerboard Accessory Trays And Trim *(10 11 16 13-0062)*

See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.

10 11 16 33 Rail-Mounted Markerboards *(10 11 16)*

10 11 16 33-0001 Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) *(10 11 16 33)*

10 11 16 33-0002 Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*

10 11 16 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	1,902.10	97.52
10 11 16 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,129.53	97.52
10 11 16 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,407.69	103.87
10 11 16 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,673.17	103.87
10 11 16 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,333.01	111.67
10 11 16 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,543.22	111.67
10 11 16 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,995.20	117.03
10 11 16 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,520.72	117.03

10 11 16 33-0011 Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*

10 11 16 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,603.41	97.52
10 11 16 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,082.73	97.52
10 11 16 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,523.98	103.87
10 11 16 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,963.43	103.87
10 11 16 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,516.35	111.67
10 11 16 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,705.72	111.67
10 11 16 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,511.98	117.03
10 11 16 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,154.39	117.03

10 11 16 33-0020 Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*

10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,902.42	97.52
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,292.94	97.52
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,716.98	103.87
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,166.39	103.87
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,045.50	111.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,247.55	111.67
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,190.63	117.03
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,926.37	117.03

10 11 16 33-0029 Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) *(10 11 16 33)*

10 11 16 33-0030 One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*

10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,268.16	97.52
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,497.40	97.52
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,726.63	103.87
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,122.59	103.87
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,410.93	111.67
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,775.17	111.67

10 11 16 33-0037 Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*

10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,304.72	97.52
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,657.18	97.52
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,011.45	103.87
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,657.49	103.87
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,049.12	111.67
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,632.64	111.67

10 11 16 33-0044 Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0029)*

10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,499.84	97.52
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,978.25	97.52
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,458.46	103.87
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,353.67	103.87
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,859.47	111.67
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,678.57	111.67

10 11 16 33-0051 Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) *(10 11 16 33)*

Note: Excludes remotes.

10 11 16 33-0052 One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*

10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	7,332.48	195.05
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	7,532.73	195.05
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	7,757.86	201.15
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,123.01	201.15
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,529.33	207.24
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,880.89	207.24
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,670.01	219.44
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,753.37	219.44

10 11 16 33-0061 Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*

10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,504.08	195.05
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,762.31	195.05
10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	12,053.58	201.15
10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	12,580.02	201.15
10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,104.13	207.24
10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,602.47	207.24
10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,655.27	219.44
10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,779.40	219.44

10 11 16 33-0070 Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*

10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,922.72	195.05
10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,594.12	195.05
10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,937.04	201.15
10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,613.88	201.15
10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,329.18	207.24
10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,014.18	207.24
10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	19,423.06	219.44
10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	19,651.39	219.44

10 11 16 33-0079 Sliding Chalkboard And Markerboard Accessories *(10 11 16 33)*

See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.

10 11 23 Tackboards *(10 11)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13		**Fixed Tackboards** *(10 11 23)* Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001		Fixed Tackboards *(10 11 23 13)* Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002		Cork Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003		5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0002)*		
10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	28.74	8.29
10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.26	3.90
10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	14.09	3.37
10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	11.18	2.19
10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	9.06	1.22
10 11 23 13-0009		1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) *(10 11 23 13-0002)*		
10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	30.17	8.29
10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.92	3.90
10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	13.75	3.37
10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	10.65	2.19
10 11 23 13-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	8.23	1.22
10 11 23 13-0015		1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0002)*		
10 11 23 13-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	30.32	8.29
10 11 23 13-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	18.32	3.90
10 11 23 13-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	16.92	3.37
10 11 23 13-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	12.95	2.19
10 11 23 13-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	10.16	1.22
10 11 23 13-0021		Burlap Backed Cork Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-0022		5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0021)*		
10 11 23 13-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	32.89	8.29
10 11 23 13-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	21.24	3.90
10 11 23 13-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.36	3.37
10 11 23 13-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	16.46	2.19
10 11 23 13-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	14.44	1.22
10 11 23 13-0028		1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0021)*		
10 11 23 13-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	36.36	8.29
10 11 23 13-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	24.95	3.90
10 11 23 13-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.10	3.37
10 11 23 13-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.18	2.19
10 11 23 13-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	16.42	1.22
10 11 23 13-0034		Polyester Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035		5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0034)*		
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	29.72	8.29
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	17.46	3.90
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	15.45	3.37
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	12.57	2.19
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	10.30	1.22
10 11 23 13-0041		1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0034)*		
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	31.68	8.29
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	20.02	3.90
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	18.51	3.37
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	14.69	2.19
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	11.97	1.22
10 11 23 13-0047		Vinyl Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048		5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0047)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	28.74	8.29
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	16.33	3.90
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	14.21	3.37
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	11.18	2.19
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	8.89	1.22
10 11 23 13-0054		1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0047)*		
10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	30.32	8.29
10 11 23 13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	19.02	3.90
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	16.92	3.37
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	12.95	2.19
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	10.16	1.22

10 12 Display Cases *(10 10)*

10 12 00 00-0001		Counter Display Cases *(10 12)*		
10 12 00 00-0002	EA	30" x 12" x 36" Counter Display Cases	1,054.17	149.41
10 12 00 00-0003	EA	30" x 12" x 48" Counter Display Cases	1,131.67	149.41
10 12 00 00-0004	EA	30" x 18" x 36" Counter Display Cases	1,100.10	149.41
10 12 00 00-0005	EA	30" x 18" x 48" Counter Display Cases	1,044.89	66.41
10 12 00 00-0006		Upright Display Case *(10 12)*		
10 12 00 00-0007	EA	72 In x 20 In x 70 In Upright Display Case	2,105.43	149.41
10 12 00 00-0008		Full Vision Display Case *(10 12)*		
10 12 00 00-0009	EA	38 In x 20 In x 70 In Full Vision Display Case	1,404.56	149.41

10 13 Directories *(10 10)*

10 13 11 Directory And Bulletin Boards *(10 13)*

Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.

10 13 11 00-0001 Wall Mounted Directories *(10 13 11)*
Note: Includes changeable letters.

10 13 11 00-0002 Open Face, Wall Mounted Directories *(10 13 11 00-0001)*
Note: Includes vinyl or felt back panel.

10 13 11 00-0003 Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) *(10 13 11 00-0002)*

10 13 11 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory	47.08	8.29
10 13 11 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory	30.68	3.90
10 13 11 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory	27.87	3.37
10 13 11 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory	21.26	2.19
10 13 11 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory	16.93	1.22

10 13 11 00-0009 Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) *(10 13 11 00-0002)*

10 13 11 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory	47.54	8.29
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory	30.98	3.90
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory	28.48	3.37
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	20.27	2.19
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	17.38	1.22
		For Bronze Anodize Finish, Add	*12.00*	

10 13 11 00-0015 Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*
Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0016 Wood Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*

10 13 11 00-0017 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) *(10 13 11 00-0016)*

10 13 11 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	115.19	8.29
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	92.14	3.90
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	77.18	3.37
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	71.39	2.19
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	64.50	1.22
		For Fluorescent Lights, Add	*15.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0023		Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) *(10 13 11 00-0016)*		
10 13 11 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	99.18	8.29
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	79.70	3.37
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	57.12	2.19
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	51.36	1.22
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0028		Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*		
10 13 11 00-0029		Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*		
10 13 11 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	103.19	8.29
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.32*	
10 13 11 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	79.69	3.90
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.38*	
10 13 11 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	67.45	3.37
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.14*	
10 13 11 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	49.54	2.19
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.03*	
10 13 11 00-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	46.15	1.22
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*8.74*	
10 13 11 00-0035		Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*		
10 13 11 00-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	158.61	8.29
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*28.41*	
10 13 11 00-0037	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	92.08	3.90
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*16.86*	
10 13 11 00-0038	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	77.59	3.37
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.17*	
10 13 11 00-0039	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	59.77	2.19
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.08*	
10 13 11 00-0040	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	55.22	1.22
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.56*	
10 13 11 00-0041		Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*		
		Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0042		Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0041)*		
10 13 11 00-0043		Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) *(10 13 11 00-0042)*		
10 13 11 00-0044	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	155.81	8.29
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0045	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	103.93	3.90
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0046	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	100.96	3.37
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0047		Wall Mounted Bulletin Boards *(10 13 11)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0048		Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)* Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0049		Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*		
10 13 11 00-0050		Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) *(10 13 11 00-0049)*		
10 13 11 00-0051	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	112.47	8.29
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0052	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	90.10	3.90
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0053	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	75.14	3.37
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0054	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	69.47	2.19
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0055	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	63.59	1.22
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0056		Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) *(10 13 11 00-0049)*		
10 13 11 00-0057	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	94.35	8.29
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0058	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	75.11	3.37
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0059	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	53.57	2.19
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0060	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	48.64	1.22
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0061		Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*		
10 13 11 00-0062		Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*		
10 13 11 00-0063	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	105.68	8.29
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.82*	
10 13 11 00-0064	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	82.17	3.90
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.87*	
10 13 11 00-0065	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	69.93	3.37
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.64*	
10 13 11 00-0066	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	52.02	2.19
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.53*	
10 13 11 00-0067	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	48.64	1.22
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*9.24*	
10 13 11 00-0068		Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*		
10 13 11 00-0069	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	161.10	8.29
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*28.90*	
10 13 11 00-0070	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	94.56	3.90
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.35*	
10 13 11 00-0071	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	80.07	3.37
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.67*	
10 13 11 00-0072	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	62.26	2.19
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.58*	
10 13 11 00-0073	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	57.70	1.22
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.05*	
10 13 11 00-0074		Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)* Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0075		Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0074)*		
10 13 11 00-0076		Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0075)*		
10 13 11 00-0077	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	153.33	8.29
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0078	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	101.45	3.90
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0079	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	98.50	3.37
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 14 Signage *(10 10)*

10 14 19 Dimensional Letter Signage *(10 14)*

Note: Mounted on masonry or concrete.

10 14 19 00-0001		Cast Characters *(10 14 19)*		
10 14 19 00-0002		Satin Finish, Cast Aluminum Characters *(10 14 19 00-0001)*		
10 14 19 00-0003	EA	2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	42.39	6.09
		For Installation With Adhesive, Deduct	*-4.56*	
		For Clear Anodized, Add	*1.80*	
		For Satin Face And Enameled Return, Add	*5.41*	
		For Patina Finish, Add	*7.21*	
		For Color Anodized, Add	*9.01*	
10 14 19 00-0004	EA	3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	49.89	6.58
		For Installation With Adhesive, Deduct	*-5.13*	
		For Clear Anodized, Add	*2.36*	
		For Satin Face And Enameled Return, Add	*7.07*	
		For Patina Finish, Add	*9.42*	
		For Color Anodized, Add	*11.78*	
10 14 19 00-0005	EA	4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	54.60	7.07
		For Installation With Adhesive, Deduct	*-5.56*	
		For Clear Anodized, Add	*2.63*	
		For Satin Face And Enameled Return, Add	*7.90*	
		For Patina Finish, Add	*10.53*	
		For Color Anodized, Add	*13.17*	
10 14 19 00-0006	EA	5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	62.66	8.09
		For Installation With Adhesive, Deduct	*-6.35*	
		For Clear Anodized, Add	*3.05*	
		For Satin Face And Enameled Return, Add	*9.15*	
		For Patina Finish, Add	*12.20*	
		For Color Anodized, Add	*15.25*	
10 14 19 00-0007	EA	6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	68.78	8.53
		For Installation With Adhesive, Deduct	*-6.85*	
		For Clear Anodized, Add	*3.47*	
		For Satin Face And Enameled Return, Add	*10.40*	
		For Patina Finish, Add	*13.86*	
		For Color Anodized, Add	*17.33*	
10 14 19 00-0008	EA	8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	81.97	9.75
		For Installation With Adhesive, Deduct	*-8.00*	
		For Clear Anodized, Add	*4.30*	
		For Satin Face And Enameled Return, Add	*12.89*	
		For Patina Finish, Add	*17.19*	
		For Color Anodized, Add	*21.49*	
10 14 19 00-0009	EA	9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	90.85	10.23
		For Installation With Adhesive, Deduct	*-8.64*	
		For Clear Anodized, Add	*4.99*	
		For Satin Face And Enameled Return, Add	*14.97*	
		For Patina Finish, Add	*19.96*	
		For Color Anodized, Add	*24.95*	
10 14 19 00-0010	EA	10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	103.47	10.97
		For Installation With Adhesive, Deduct	*-9.56*	
		For Clear Anodized, Add	*5.96*	
		For Satin Face And Enameled Return, Add	*17.88*	
		For Patina Finish, Add	*23.84*	
		For Color Anodized, Add	*29.80*	
10 14 19 00-0011	EA	12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	125.54	12.67
		For Installation With Adhesive, Deduct	*-11.35*	
		For Clear Anodized, Add	*7.48*	
		For Satin Face And Enameled Return, Add	*22.45*	
		For Patina Finish, Add	*29.94*	
		For Color Anodized, Add	*37.42*	
10 14 19 00-0012	EA	14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	149.98	14.63
		For Installation With Adhesive, Deduct	*-13.35*	
		For Clear Anodized, Add	*9.15*	
		For Satin Face And Enameled Return, Add	*27.44*	
		For Patina Finish, Add	*36.59*	
		For Color Anodized, Add	*45.74*	
10 14 19 00-0013	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	164.81	16.25
		For Installation With Adhesive, Deduct	*-14.74*	
		For Clear Anodized, Add	*9.98*	
		For Satin Face And Enameled Return, Add	*29.94*	
		For Patina Finish, Add	*39.92*	
		For Color Anodized, Add	*49.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0014	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	183.85	17.55
		For Installation With Adhesive, Deduct	*-16.21*	
		For Clear Anodized, Add	*11.37*	
		For Satin Face And Enameled Return, Add	*34.10*	
		For Patina Finish, Add	*45.46*	
		For Color Anodized, Add	*56.83*	
10 14 19 00-0015	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	222.13	19.50
		For Installation With Adhesive, Deduct	*-18.91*	
		For Clear Anodized, Add	*14.41*	
		For Satin Face And Enameled Return, Add	*43.24*	
		For Patina Finish, Add	*57.66*	
		For Color Anodized, Add	*72.07*	
10 14 19 00-0016	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	267.92	21.93
		For Installation With Adhesive, Deduct	*-22.17*	
		For Clear Anodized, Add	*18.02*	
		For Satin Face And Enameled Return, Add	*54.05*	
		For Patina Finish, Add	*72.07*	
		For Color Anodized, Add	*90.09*	
10 14 19 00-0017	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	322.02	24.37
		For Installation With Adhesive, Deduct	*-25.85*	
		For Clear Anodized, Add	*22.45*	
		For Satin Face And Enameled Return, Add	*67.36*	
		For Patina Finish, Add	*89.81*	
		For Color Anodized, Add	*112.27*	

10 14 19 00-0018 Satin Finish, Cast Bronze Characters *(10 14 19 00-0001)*

10 14 19 00-0019	EA	2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	50.35	6.70
		For Installation With Adhesive, Deduct	*-5.20*	
		For Oxidized Finish, Add	*3.53*	
		For Polished Or Patina Finish, Add	*7.06*	
10 14 19 00-0020	EA	3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	70.73	7.31
		For Installation With Adhesive, Deduct	*-6.46*	
		For Oxidized Finish, Add	*6.22*	
		For Polished Or Patina Finish, Add	*12.44*	
10 14 19 00-0021	EA	4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	77.17	7.80
		For Installation With Adhesive, Deduct	*-6.98*	
		For Oxidized Finish, Add	*6.90*	
		For Polished Or Patina Finish, Add	*13.79*	
10 14 19 00-0022	EA	5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	93.40	8.77
		For Installation With Adhesive, Deduct	*-8.18*	
		For Oxidized Finish, Add	*8.75*	
		For Polished Or Patina Finish, Add	*17.49*	
10 14 19 00-0023	EA	6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	103.68	9.36
		For Installation With Adhesive, Deduct	*-8.94*	
		For Oxidized Finish, Add	*9.92*	
		For Polished Or Patina Finish, Add	*19.85*	
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	137.08	10.73
		For Installation With Adhesive, Deduct	*-11.14*	
		For Oxidized Finish, Add	*14.13*	
		For Polished Or Patina Finish, Add	*28.25*	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	155.85	11.21
		For Installation With Adhesive, Deduct	*-12.28*	
		For Oxidized Finish, Add	*16.65*	
		For Polished Or Patina Finish, Add	*33.30*	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	174.32	12.18
		For Installation With Adhesive, Deduct	*-13.59*	
		For Oxidized Finish, Add	*18.84*	
		For Polished Or Patina Finish, Add	*37.67*	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	206.79	14.13
		For Installation With Adhesive, Deduct	*-15.99*	
		For Oxidized Finish, Add	*22.54*	
		For Polished Or Patina Finish, Add	*45.07*	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	242.62	16.08
		For Installation With Adhesive, Deduct	*-18.57*	
		For Oxidized Finish, Add	*26.74*	
		For Polished Or Patina Finish, Add	*53.48*	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	287.65	19.50
		For Installation With Adhesive, Deduct	*-22.18*	
		For Oxidized Finish, Add	*31.45*	
		For Polished Or Patina Finish, Add	*62.90*	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	299.11	20.96
		For Installation With Adhesive, Deduct	*-23.34*	
		For Oxidized Finish, Add	*32.29*	
		For Polished Or Patina Finish, Add	*64.58*	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	421.51	24.37
		For Installation With Adhesive, Deduct	*-30.82*	
		For Oxidized Finish, Add	*48.60*	
		For Polished Or Patina Finish, Add	*97.21*	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	506.58	27.42
		For Installation With Adhesive, Deduct	*-36.30*	
		For Oxidized Finish, Add	*59.54*	
		For Polished Or Patina Finish, Add	*119.07*	
10 14 19 00-0033	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	642.49	31.68
		For Installation With Adhesive, Deduct	*-44.80*	
		For Oxidized Finish, Add	*77.36*	
		For Polished Or Patina Finish, Add	*154.73*	

10 14 19 00-0034 Molded Characters *(10 14 19)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0035		Molded Plastic Characters *(10 14 19 00-0034)*		
10 14 19 00-0036	EA	4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	31.49	4.87
		For Installation With Adhesive, Deduct	*-3.52*	
10 14 19 00-0037	EA	5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	34.17	5.36
		For Installation With Adhesive, Deduct	*-3.85*	
10 14 19 00-0038	EA	6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	37.68	5.85
		For Installation With Adhesive, Deduct	*-4.22*	
10 14 19 00-0039	EA	8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	47.29	6.33
		For Installation With Adhesive, Deduct	*-4.90*	
10 14 19 00-0040	EA	9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	51.09	6.83
		For Installation With Adhesive, Deduct	*-5.28*	
10 14 19 00-0041	EA	10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	55.26	7.31
		For Installation With Adhesive, Deduct	*-5.69*	
10 14 19 00-0042	EA	12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	64.42	8.53
		For Installation With Adhesive, Deduct	*-6.63*	
10 14 19 00-0043	EA	15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	84.45	10.73
		For Installation With Adhesive, Deduct	*-8.51*	
10 14 19 00-0044	EA	18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	106.70	12.67
		For Installation With Adhesive, Deduct	*-10.41*	
10 14 19 00-0045	EA	24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	155.34	15.60
		For Installation With Adhesive, Deduct	*-14.01*	
10 14 19 00-0046	EA	30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	226.59	18.28
		For Installation With Adhesive, Deduct	*-18.64*	
10 14 19 00-0047	EA	36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	294.91	20.96
		For Installation With Adhesive, Deduct	*-23.13*	
10 14 19 00-0048	EA	48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	542.26	28.03
		For Installation With Adhesive, Deduct	*-38.33*	
10 14 19 00-0049		Cutout Characters *(10 14 19)*		
10 14 19 00-0050		Satin Finish, Aluminum Characters *(10 14 19 00-0049)*		
10 14 19 00-0051		1/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0052	EA	2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	39.62	6.09
		For Installation With Adhesive, Deduct	*-4.42*	
		For Clear Anodized, Add	*1.53*	
		For Satin Face And Enameled Return, Add	*5.34*	
		For Color Anodized, Add	*7.63*	
		For Polished Or Patina Finish, Add	*7.63*	
		For Polished Anodized Finish, Add	*11.44*	
10 14 19 00-0053	EA	4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	54.60	7.07
		For Installation With Adhesive, Deduct	*-5.56*	
		For Clear Anodized, Add	*2.63*	
		For Satin Face And Enameled Return, Add	*9.22*	
		For Color Anodized, Add	*13.17*	
		For Polished Or Patina Finish, Add	*13.17*	
		For Polished Anodized Finish, Add	*19.75*	
10 14 19 00-0054	EA	6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	72.94	8.53
		For Installation With Adhesive, Deduct	*-7.06*	
		For Clear Anodized, Add	*3.88*	
		For Satin Face And Enameled Return, Add	*13.58*	
		For Color Anodized, Add	*19.41*	
		For Polished Or Patina Finish, Add	*19.41*	
		For Polished Anodized Finish, Add	*29.11*	
10 14 19 00-0055	EA	8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	88.90	9.75
		For Installation With Adhesive, Deduct	*-8.35*	
		For Clear Anodized, Add	*4.99*	
		For Satin Face And Enameled Return, Add	*17.47*	
		For Color Anodized, Add	*24.95*	
		For Polished Or Patina Finish, Add	*24.95*	
		For Polished Anodized Finish, Add	*37.43*	
10 14 19 00-0056	EA	10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	102.08	10.97
		For Installation With Adhesive, Deduct	*-9.49*	
		For Clear Anodized, Add	*5.82*	
		For Satin Face And Enameled Return, Add	*20.37*	
		For Color Anodized, Add	*29.11*	
		For Polished Or Patina Finish, Add	*29.11*	
		For Polished Anodized Finish, Add	*43.66*	
10 14 19 00-0057	EA	12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	117.23	12.67
		For Installation With Adhesive, Deduct	*-10.93*	
		For Clear Anodized, Add	*6.65*	
		For Satin Face And Enameled Return, Add	*23.29*	
		For Color Anodized, Add	*33.27*	
		For Polished Or Patina Finish, Add	*33.27*	
		For Polished Anodized Finish, Add	*49.90*	
10 14 19 00-0058	EA	14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	137.50	14.63
		For Installation With Adhesive, Deduct	*-12.73*	
		For Clear Anodized, Add	*7.90*	
		For Satin Face And Enameled Return, Add	*27.65*	
		For Color Anodized, Add	*39.50*	
		For Polished Or Patina Finish, Add	*39.50*	
		For Polished Anodized Finish, Add	*59.25*	
10 14 19 00-0059	EA	16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	163.06	17.55
		For Installation With Adhesive, Deduct	*-15.17*	
		For Clear Anodized, Add	*9.29*	
		For Satin Face And Enameled Return, Add	*32.50*	
		For Color Anodized, Add	*46.43*	
		For Polished Or Patina Finish, Add	*46.43*	
		For Polished Anodized Finish, Add	*69.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0060	EA	18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	183.33	19.50
		For Installation With Adhesive, Deduct	*-16.97*	
		For Clear Anodized, Add	*10.53*	
		For Satin Face And Enameled Return, Add	*36.87*	
		For Color Anodized, Add	*52.67*	
		For Polished Or Patina Finish, Add	*52.67*	
		For Polished Anodized Finish, Add	*79.01*	
10 14 19 00-0061	EA	20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	219.41	21.93
		For Installation With Adhesive, Deduct	*-19.74*	
		For Clear Anodized, Add	*13.17*	
		For Satin Face And Enameled Return, Add	*46.08*	
		For Color Anodized, Add	*65.84*	
		For Polished Or Patina Finish, Add	*65.84*	
		For Polished Anodized Finish, Add	*98.75*	
10 14 19 00-0062	EA	22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	250.62	23.16
		For Installation With Adhesive, Deduct	*-21.79*	
		For Clear Anodized, Add	*15.80*	
		For Satin Face And Enameled Return, Add	*55.30*	
		For Color Anodized, Add	*79.00*	
		For Polished Or Patina Finish, Add	*79.00*	
		For Polished Anodized Finish, Add	*118.50*	
10 14 19 00-0063	EA	24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	308.16	24.37
		For Installation With Adhesive, Deduct	*-25.16*	
		For Clear Anodized, Add	*21.07*	
		For Satin Face And Enameled Return, Add	*73.73*	
		For Color Anodized, Add	*105.34*	
		For Polished Or Patina Finish, Add	*105.34*	
		For Polished Anodized Finish, Add	*158.00*	
10 14 19 00-0064	EA	30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	438.08	29.25
		For Installation With Adhesive, Deduct	*-33.60*	
		For Clear Anodized, Add	*32.11*	
		For Satin Face And Enameled Return, Add	*112.38*	
		For Color Anodized, Add	*160.55*	
		For Polished Or Patina Finish, Add	*160.55*	
		For Polished Anodized Finish, Add	*240.82*	

10 14 19 00-0065 3/8" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0066	EA	2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	49.37	6.09
		For Installation With Adhesive, Deduct	*-4.91*	
		For Clear Anodized, Add	*2.50*	
		For Satin Face And Enameled Return, Add	*8.75*	
		For Color Anodized, Add	*12.50*	
		For Polished Or Patina Finish, Add	*12.50*	
		For Polished Anodized Finish, Add	*18.75*	
10 14 19 00-0067	EA	4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	69.88	7.07
		For Installation With Adhesive, Deduct	*-6.32*	
		For Clear Anodized, Add	*4.16*	
		For Satin Face And Enameled Return, Add	*14.56*	
		For Color Anodized, Add	*20.81*	
		For Polished Or Patina Finish, Add	*20.81*	
		For Polished Anodized Finish, Add	*31.21*	
10 14 19 00-0068	EA	6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	88.07	8.53
		For Installation With Adhesive, Deduct	*-7.82*	
		For Clear Anodized, Add	*5.39*	
		For Satin Face And Enameled Return, Add	*18.88*	
		For Color Anodized, Add	*26.97*	
		For Polished Or Patina Finish, Add	*26.97*	
		For Polished Anodized Finish, Add	*40.46*	
10 14 19 00-0069	EA	8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	109.85	9.75
		For Installation With Adhesive, Deduct	*-9.39*	
		For Clear Anodized, Add	*7.09*	
		For Satin Face And Enameled Return, Add	*24.80*	
		For Color Anodized, Add	*35.43*	
		For Polished Or Patina Finish, Add	*35.43*	
		For Polished Anodized Finish, Add	*53.14*	
10 14 19 00-0070	EA	10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	127.11	10.97
		For Installation With Adhesive, Deduct	*-10.74*	
		For Clear Anodized, Add	*8.32*	
		For Satin Face And Enameled Return, Add	*29.13*	
		For Color Anodized, Add	*41.62*	
		For Polished Or Patina Finish, Add	*41.62*	
		For Polished Anodized Finish, Add	*62.43*	
10 14 19 00-0071	EA	12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	149.16	12.67
		For Installation With Adhesive, Deduct	*-12.53*	
		For Clear Anodized, Add	*9.85*	
		For Satin Face And Enameled Return, Add	*34.46*	
		For Color Anodized, Add	*49.23*	
		For Polished Or Patina Finish, Add	*49.23*	
		For Polished Anodized Finish, Add	*73.85*	
10 14 19 00-0072	EA	14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	174.63	14.63
		For Installation With Adhesive, Deduct	*-14.58*	
		For Clear Anodized, Add	*11.61*	
		For Satin Face And Enameled Return, Add	*40.65*	
		For Color Anodized, Add	*58.07*	
		For Polished Or Patina Finish, Add	*58.07*	
		For Polished Anodized Finish, Add	*87.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0073	EA	16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	215.99	17.55
		For Installation With Adhesive, Deduct	*-17.82*	
		For Clear Anodized, Add	*14.58*	
		For Satin Face And Enameled Return, Add	*51.03*	
		For Color Anodized, Add	*72.90*	
		For Polished Or Patina Finish, Add	*72.90*	
		For Polished Anodized Finish, Add	*109.34*	
10 14 19 00-0074	EA	18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	249.69	19.50
		For Installation With Adhesive, Deduct	*-20.28*	
		For Clear Anodized, Add	*17.17*	
		For Satin Face And Enameled Return, Add	*60.10*	
		For Color Anodized, Add	*85.85*	
		For Polished Or Patina Finish, Add	*85.85*	
		For Polished Anodized Finish, Add	*128.78*	
10 14 19 00-0075	EA	20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	289.20	21.93
		For Installation With Adhesive, Deduct	*-23.23*	
		For Clear Anodized, Add	*20.15*	
		For Satin Face And Enameled Return, Add	*70.51*	
		For Color Anodized, Add	*100.73*	
		For Polished Or Patina Finish, Add	*100.73*	
		For Polished Anodized Finish, Add	*151.10*	
10 14 19 00-0076	EA	22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	323.31	23.16
		For Installation With Adhesive, Deduct	*-25.43*	
		For Clear Anodized, Add	*23.07*	
		For Satin Face And Enameled Return, Add	*80.74*	
		For Color Anodized, Add	*115.35*	
		For Polished Or Patina Finish, Add	*115.35*	
		For Polished Anodized Finish, Add	*173.02*	
10 14 19 00-0077	EA	24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	358.72	24.37
		For Installation With Adhesive, Deduct	*-27.69*	
		For Clear Anodized, Add	*26.12*	
		For Satin Face And Enameled Return, Add	*91.43*	
		For Color Anodized, Add	*130.62*	
		For Polished Or Patina Finish, Add	*130.62*	
		For Polished Anodized Finish, Add	*195.92*	
10 14 19 00-0078	EA	30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	491.21	29.25
		For Installation With Adhesive, Deduct	*-36.26*	
		For Clear Anodized, Add	*37.42*	
		For Satin Face And Enameled Return, Add	*130.98*	
		For Color Anodized, Add	*187.11*	
		For Polished Or Patina Finish, Add	*187.11*	
		For Polished Anodized Finish, Add	*280.67*	

10 14 19 00-0079 1/2" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0080	EA	2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	60.66	6.09
		For Installation With Adhesive, Deduct	*-5.47*	
		For Clear Anodized, Add	*3.63*	
		For Satin Face And Enameled Return, Add	*12.70*	
		For Color Anodized, Add	*18.15*	
		For Polished Or Patina Finish, Add	*18.15*	
		For Polished Anodized Finish, Add	*27.22*	
10 14 19 00-0081	EA	4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	78.04	7.07
		For Installation With Adhesive, Deduct	*-6.73*	
		For Clear Anodized, Add	*4.98*	
		For Satin Face And Enameled Return, Add	*17.42*	
		For Color Anodized, Add	*24.89*	
		For Polished Or Patina Finish, Add	*24.89*	
		For Polished Anodized Finish, Add	*37.33*	
10 14 19 00-0082	EA	6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	97.78	8.53
		For Installation With Adhesive, Deduct	*-8.30*	
		For Clear Anodized, Add	*6.37*	
		For Satin Face And Enameled Return, Add	*22.28*	
		For Color Anodized, Add	*31.83*	
		For Polished Or Patina Finish, Add	*31.83*	
		For Polished Anodized Finish, Add	*47.74*	
10 14 19 00-0083	EA	8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	115.34	9.75
		For Installation With Adhesive, Deduct	*-9.67*	
		For Clear Anodized, Add	*7.63*	
		For Satin Face And Enameled Return, Add	*26.72*	
		For Color Anodized, Add	*38.17*	
		For Polished Or Patina Finish, Add	*38.17*	
		For Polished Anodized Finish, Add	*57.26*	
10 14 19 00-0084	EA	10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	134.10	10.97
		For Installation With Adhesive, Deduct	*-11.09*	
		For Clear Anodized, Add	*9.02*	
		For Satin Face And Enameled Return, Add	*31.58*	
		For Color Anodized, Add	*45.12*	
		For Polished Or Patina Finish, Add	*45.12*	
		For Polished Anodized Finish, Add	*67.67*	
10 14 19 00-0085	EA	12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	164.46	12.67
		For Installation With Adhesive, Deduct	*-13.29*	
		For Clear Anodized, Add	*11.38*	
		For Satin Face And Enameled Return, Add	*39.82*	
		For Color Anodized, Add	*56.88*	
		For Polished Or Patina Finish, Add	*56.88*	
		For Polished Anodized Finish, Add	*85.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0086	EA	14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	202.28	14.63
		For Installation With Adhesive, Deduct	*-15.96*	
		For Clear Anodized, Add	*14.38*	
		For Satin Face And Enameled Return, Add	*50.32*	
		For Color Anodized, Add	*71.89*	
		For Polished Or Patina Finish, Add	*71.89*	
		For Polished Anodized Finish, Add	*107.84*	
10 14 19 00-0087	EA	16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	244.78	17.55
		For Installation With Adhesive, Deduct	*-19.26*	
		For Clear Anodized, Add	*17.46*	
		For Satin Face And Enameled Return, Add	*61.10*	
		For Color Anodized, Add	*87.29*	
		For Polished Or Patina Finish, Add	*87.29*	
		For Polished Anodized Finish, Add	*130.94*	
10 14 19 00-0088	EA	18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	296.04	19.50
		For Installation With Adhesive, Deduct	*-22.60*	
		For Clear Anodized, Add	*21.81*	
		For Satin Face And Enameled Return, Add	*76.32*	
		For Color Anodized, Add	*109.03*	
		For Polished Or Patina Finish, Add	*109.03*	
		For Polished Anodized Finish, Add	*163.54*	
10 14 19 00-0089	EA	20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	348.45	21.93
		For Installation With Adhesive, Deduct	*-26.20*	
		For Clear Anodized, Add	*26.07*	
		For Satin Face And Enameled Return, Add	*91.25*	
		For Color Anodized, Add	*130.36*	
		For Polished Or Patina Finish, Add	*130.36*	
		For Polished Anodized Finish, Add	*195.53*	
10 14 19 00-0090	EA	22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	399.15	23.16
		For Installation With Adhesive, Deduct	*-29.22*	
		For Clear Anodized, Add	*30.65*	
		For Satin Face And Enameled Return, Add	*107.29*	
		For Color Anodized, Add	*153.27*	
		For Polished Or Patina Finish, Add	*153.27*	
		For Polished Anodized Finish, Add	*229.90*	
10 14 19 00-0091	EA	24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	447.21	24.37
		For Installation With Adhesive, Deduct	*-32.11*	
		For Clear Anodized, Add	*34.97*	
		For Satin Face And Enameled Return, Add	*122.40*	
		For Color Anodized, Add	*174.86*	
		For Polished Or Patina Finish, Add	*174.86*	
		For Polished Anodized Finish, Add	*262.29*	
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	618.44	29.25
		For Installation With Adhesive, Deduct	*-42.62*	
		For Clear Anodized, Add	*50.15*	
		For Satin Face And Enameled Return, Add	*175.51*	
		For Color Anodized, Add	*250.73*	
		For Polished Or Patina Finish, Add	*250.73*	
		For Polished Anodized Finish, Add	*376.09*	

10 14 19 00-0093 3/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	63.25	6.09
		For Installation With Adhesive, Deduct	*-5.60*	
		For Clear Anodized, Add	*3.89*	
		For Satin Face And Enameled Return, Add	*13.61*	
		For Color Anodized, Add	*19.44*	
		For Polished Or Patina Finish, Add	*19.44*	
		For Polished Anodized Finish, Add	*29.16*	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	80.94	7.07
		For Installation With Adhesive, Deduct	*-6.87*	
		For Clear Anodized, Add	*5.27*	
		For Satin Face And Enameled Return, Add	*18.43*	
		For Color Anodized, Add	*26.34*	
		For Polished Or Patina Finish, Add	*26.34*	
		For Polished Anodized Finish, Add	*39.50*	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	106.31	8.53
		For Installation With Adhesive, Deduct	*-8.73*	
		For Clear Anodized, Add	*7.22*	
		For Satin Face And Enameled Return, Add	*25.26*	
		For Color Anodized, Add	*36.09*	
		For Polished Or Patina Finish, Add	*36.09*	
		For Polished Anodized Finish, Add	*54.14*	
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	140.29	9.75
		For Installation With Adhesive, Deduct	*-10.91*	
		For Clear Anodized, Add	*10.13*	
		For Satin Face And Enameled Return, Add	*35.45*	
		For Color Anodized, Add	*50.65*	
		For Polished Or Patina Finish, Add	*50.65*	
		For Polished Anodized Finish, Add	*75.97*	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	175.43	10.97
		For Installation With Adhesive, Deduct	*-13.16*	
		For Clear Anodized, Add	*13.16*	
		For Satin Face And Enameled Return, Add	*46.05*	
		For Color Anodized, Add	*65.78*	
		For Polished Or Patina Finish, Add	*65.78*	
		For Polished Anodized Finish, Add	*98.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	219.68	12.67
		For Installation With Adhesive, Deduct	*-16.05*	
		For Clear Anodized, Add	*16.90*	
		For Satin Face And Enameled Return, Add	*59.14*	
		For Color Anodized, Add	*84.49*	
		For Polished Or Patina Finish, Add	*84.49*	
		For Polished Anodized Finish, Add	*126.74*	
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	273.39	14.63
		For Installation With Adhesive, Deduct	*-19.52*	
		For Clear Anodized, Add	*21.49*	
		For Satin Face And Enameled Return, Add	*75.21*	
		For Color Anodized, Add	*107.45*	
		For Polished Or Patina Finish, Add	*107.45*	
		For Polished Anodized Finish, Add	*161.17*	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	337.64	17.55
		For Installation With Adhesive, Deduct	*-23.90*	
		For Clear Anodized, Add	*26.74*	
		For Satin Face And Enameled Return, Add	*93.60*	
		For Color Anodized, Add	*133.72*	
		For Polished Or Patina Finish, Add	*133.72*	
		For Polished Anodized Finish, Add	*200.58*	
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	411.91	19.50
		For Installation With Adhesive, Deduct	*-28.39*	
		For Clear Anodized, Add	*33.39*	
		For Satin Face And Enameled Return, Add	*116.87*	
		For Color Anodized, Add	*166.96*	
		For Polished Or Patina Finish, Add	*166.96*	
		For Polished Anodized Finish, Add	*250.44*	
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	489.33	21.93
		For Installation With Adhesive, Deduct	*-33.24*	
		For Clear Anodized, Add	*40.16*	
		For Satin Face And Enameled Return, Add	*140.56*	
		For Color Anodized, Add	*200.80*	
		For Polished Or Patina Finish, Add	*200.80*	
		For Polished Anodized Finish, Add	*301.19*	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	566.63	23.16
		For Installation With Adhesive, Deduct	*-37.59*	
		For Clear Anodized, Add	*47.40*	
		For Satin Face And Enameled Return, Add	*165.90*	
		For Color Anodized, Add	*237.01*	
		For Polished Or Patina Finish, Add	*237.01*	
		For Polished Anodized Finish, Add	*355.51*	
10 14 19 00-0105	EA	24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	647.34	24.37
		For Installation With Adhesive, Deduct	*-42.12*	
		For Clear Anodized, Add	*54.99*	
		For Satin Face And Enameled Return, Add	*192.45*	
		For Color Anodized, Add	*274.93*	
		For Polished Or Patina Finish, Add	*274.93*	
		For Polished Anodized Finish, Add	*412.39*	
10 14 19 00-0106	EA	30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	887.88	29.25
		For Installation With Adhesive, Deduct	*-56.09*	
		For Clear Anodized, Add	*77.09*	
		For Satin Face And Enameled Return, Add	*269.81*	
		For Color Anodized, Add	*385.45*	
		For Polished Or Patina Finish, Add	*385.45*	
		For Polished Anodized Finish, Add	*578.17*	

10 14 19 00-0107 1" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0108	EA	2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	70.11	6.09
		For Installation With Adhesive, Deduct	*-5.94*	
		For Clear Anodized, Add	*4.57*	
		For Satin Face And Enameled Return, Add	*16.01*	
		For Color Anodized, Add	*22.87*	
		For Polished Or Patina Finish, Add	*22.87*	
		For Polished Anodized Finish, Add	*34.31*	
10 14 19 00-0109	EA	4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	86.47	7.07
		For Installation With Adhesive, Deduct	*-7.15*	
		For Clear Anodized, Add	*5.82*	
		For Satin Face And Enameled Return, Add	*20.37*	
		For Color Anodized, Add	*29.10*	
		For Polished Or Patina Finish, Add	*29.10*	
		For Polished Anodized Finish, Add	*43.65*	
10 14 19 00-0110	EA	6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	113.30	8.53
		For Installation With Adhesive, Deduct	*-9.08*	
		For Clear Anodized, Add	*7.92*	
		For Satin Face And Enameled Return, Add	*27.71*	
		For Color Anodized, Add	*39.59*	
		For Polished Or Patina Finish, Add	*39.59*	
		For Polished Anodized Finish, Add	*59.38*	
10 14 19 00-0111	EA	8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	154.26	9.75
		For Installation With Adhesive, Deduct	*-11.61*	
		For Clear Anodized, Add	*11.53*	
		For Satin Face And Enameled Return, Add	*40.34*	
		For Color Anodized, Add	*57.63*	
		For Polished Or Patina Finish, Add	*57.63*	
		For Polished Anodized Finish, Add	*86.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0112	EA	10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	208.61	10.97
		For Installation With Adhesive, Deduct	*-14.82*	
		For Clear Anodized, Add	*16.47*	
		For Satin Face And Enameled Return, Add	*57.66*	
		For Color Anodized, Add	*82.37*	
		For Polished Or Patina Finish, Add	*82.37*	
		For Polished Anodized Finish, Add	*123.56*	
10 14 19 00-0113	EA	12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	272.24	12.67
		For Installation With Adhesive, Deduct	*-18.68*	
		For Clear Anodized, Add	*22.15*	
		For Satin Face And Enameled Return, Add	*77.54*	
		For Color Anodized, Add	*110.77*	
		For Polished Or Patina Finish, Add	*110.77*	
		For Polished Anodized Finish, Add	*166.16*	
10 14 19 00-0114	EA	14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	343.70	14.63
		For Installation With Adhesive, Deduct	*-23.04*	
		For Clear Anodized, Add	*28.52*	
		For Satin Face And Enameled Return, Add	*99.82*	
		For Color Anodized, Add	*142.60*	
		For Polished Or Patina Finish, Add	*142.60*	
		For Polished Anodized Finish, Add	*213.90*	
10 14 19 00-0115	EA	16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	426.79	17.55
		For Installation With Adhesive, Deduct	*-28.36*	
		For Clear Anodized, Add	*35.66*	
		For Satin Face And Enameled Return, Add	*124.81*	
		For Color Anodized, Add	*178.30*	
		For Polished Or Patina Finish, Add	*178.30*	
		For Polished Anodized Finish, Add	*267.44*	
10 14 19 00-0116	EA	18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	516.19	19.50
		For Installation With Adhesive, Deduct	*-33.61*	
		For Clear Anodized, Add	*43.82*	
		For Satin Face And Enameled Return, Add	*153.37*	
		For Color Anodized, Add	*219.10*	
		For Polished Or Patina Finish, Add	*219.10*	
		For Polished Anodized Finish, Add	*328.65*	
10 14 19 00-0117	EA	20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	634.17	21.93
		For Installation With Adhesive, Deduct	*-40.48*	
		For Clear Anodized, Add	*54.64*	
		For Satin Face And Enameled Return, Add	*191.25*	
		For Color Anodized, Add	*273.22*	
		For Polished Or Patina Finish, Add	*273.22*	
		For Polished Anodized Finish, Add	*409.82*	
10 14 19 00-0118	EA	22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	754.66	23.16
		For Installation With Adhesive, Deduct	*-47.00*	
		For Clear Anodized, Add	*66.20*	
		For Satin Face And Enameled Return, Add	*231.71*	
		For Color Anodized, Add	*331.02*	
		For Polished Or Patina Finish, Add	*331.02*	
		For Polished Anodized Finish, Add	*496.53*	
10 14 19 00-0119	EA	24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	889.62	24.37
		For Installation With Adhesive, Deduct	*-54.23*	
		For Clear Anodized, Add	*79.21*	
		For Satin Face And Enameled Return, Add	*277.25*	
		For Color Anodized, Add	*396.07*	
		For Polished Or Patina Finish, Add	*396.07*	
		For Polished Anodized Finish, Add	*594.10*	
10 14 19 00-0120	EA	30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,254.62	29.25
		For Installation With Adhesive, Deduct	*-74.43*	
		For Clear Anodized, Add	*113.76*	
		For Satin Face And Enameled Return, Add	*398.17*	
		For Color Anodized, Add	*568.82*	
		For Polished Or Patina Finish, Add	*568.82*	
		For Polished Anodized Finish, Add	*853.22*	

10 14 19 00-0121 Satin Finish, Brass Characters *(10 14 19 00-0049)*

10 14 19 00-0122 1/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0123	EA	2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	53.26	6.09
		For Installation With Adhesive, Deduct	*-5.10*	
		For Oxidized Finish, Add	*4.33*	
		For Polished Finish, Add	*8.67*	
10 14 19 00-0124	EA	4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	68.47	7.07
		For Installation With Adhesive, Deduct	*-6.25*	
		For Oxidized Finish, Add	*6.03*	
		For Polished Finish, Add	*12.06*	
10 14 19 00-0125	EA	6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	93.98	8.53
		For Installation With Adhesive, Deduct	*-8.11*	
		For Oxidized Finish, Add	*8.98*	
		For Polished Finish, Add	*17.96*	
10 14 19 00-0126	EA	8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	122.58	9.75
		For Installation With Adhesive, Deduct	*-10.03*	
		For Oxidized Finish, Add	*12.54*	
		For Polished Finish, Add	*25.07*	
10 14 19 00-0127	EA	10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	156.34	10.97
		For Installation With Adhesive, Deduct	*-12.20*	
		For Oxidized Finish, Add	*16.87*	
		For Polished Finish, Add	*33.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0128	EA	12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	197.22	12.67
		For Installation With Adhesive, Deduct	*-14.93*	
		For Oxidized Finish, Add	*21.98*	
		For Polished Finish, Add	*43.96*	
10 14 19 00-0129	EA	14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	246.29	14.63
		For Installation With Adhesive, Deduct	*-18.16*	
		For Oxidized Finish, Add	*28.17*	
		For Polished Finish, Add	*56.34*	
10 14 19 00-0130	EA	16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	300.30	17.55
		For Installation With Adhesive, Deduct	*-22.04*	
		For Oxidized Finish, Add	*34.52*	
		For Polished Finish, Add	*69.03*	
10 14 19 00-0131	EA	18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	363.95	19.50
		For Installation With Adhesive, Deduct	*-26.00*	
		For Oxidized Finish, Add	*42.89*	
		For Polished Finish, Add	*85.79*	
10 14 19 00-0132	EA	20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	432.37	21.93
		For Installation With Adhesive, Deduct	*-30.39*	
		For Oxidized Finish, Add	*51.69*	
		For Polished Finish, Add	*103.39*	
10 14 19 00-0133	EA	22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	530.12	23.16
		For Installation With Adhesive, Deduct	*-35.77*	
		For Oxidized Finish, Add	*65.63*	
		For Polished Finish, Add	*131.25*	
10 14 19 00-0134	EA	24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	580.98	24.37
		For Installation With Adhesive, Deduct	*-38.80*	
		For Oxidized Finish, Add	*72.52*	
		For Polished Finish, Add	*145.05*	
10 14 19 00-0135	EA	30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	870.86	29.25
		For Installation With Adhesive, Deduct	*-55.24*	
		For Oxidized Finish, Add	*113.08*	
		For Polished Finish, Add	*226.16*	

10 14 19 00-0136 3/8" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0137	EA	2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	63.37	6.09
		For Installation With Adhesive, Deduct	*-5.61*	
		For Oxidized Finish, Add	*5.85*	
		For Polished Finish, Add	*11.70*	
10 14 19 00-0138	EA	4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	82.54	7.07
		For Installation With Adhesive, Deduct	*-6.95*	
		For Oxidized Finish, Add	*8.14*	
		For Polished Finish, Add	*16.28*	
10 14 19 00-0139	EA	6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	117.91	8.53
		For Installation With Adhesive, Deduct	*-9.31*	
		For Oxidized Finish, Add	*12.57*	
		For Polished Finish, Add	*25.13*	
10 14 19 00-0140	EA	8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	156.01	9.75
		For Installation With Adhesive, Deduct	*-11.70*	
		For Oxidized Finish, Add	*17.55*	
		For Polished Finish, Add	*35.10*	
10 14 19 00-0141	EA	10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	206.95	10.97
		For Installation With Adhesive, Deduct	*-14.73*	
		For Oxidized Finish, Add	*24.46*	
		For Polished Finish, Add	*48.92*	
10 14 19 00-0142	EA	12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	263.15	12.67
		For Installation With Adhesive, Deduct	*-18.23*	
		For Oxidized Finish, Add	*31.87*	
		For Polished Finish, Add	*63.74*	
10 14 19 00-0143	EA	14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	330.80	14.63
		For Installation With Adhesive, Deduct	*-22.39*	
		For Oxidized Finish, Add	*40.85*	
		For Polished Finish, Add	*81.69*	
10 14 19 00-0144	EA	16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	392.34	17.55
		For Installation With Adhesive, Deduct	*-26.64*	
		For Oxidized Finish, Add	*48.32*	
		For Polished Finish, Add	*96.64*	
10 14 19 00-0145	EA	18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	492.64	19.50
		For Installation With Adhesive, Deduct	*-32.43*	
		For Oxidized Finish, Add	*62.20*	
		For Polished Finish, Add	*124.40*	
10 14 19 00-0146	EA	20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	570.22	21.93
		For Installation With Adhesive, Deduct	*-37.29*	
		For Oxidized Finish, Add	*72.37*	
		For Polished Finish, Add	*144.74*	
10 14 19 00-0147	EA	22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	700.74	23.16
		For Installation With Adhesive, Deduct	*-44.30*	
		For Oxidized Finish, Add	*91.22*	
		For Polished Finish, Add	*182.44*	
10 14 19 00-0148	EA	24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	798.54	24.37
		For Installation With Adhesive, Deduct	*-49.68*	
		For Oxidized Finish, Add	*105.16*	
		For Polished Finish, Add	*210.32*	
10 14 19 00-0149	EA	30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,104.57	29.25
		For Installation With Adhesive, Deduct	*-66.93*	
		For Oxidized Finish, Add	*148.14*	
		For Polished Finish, Add	*296.27*	

10 14 19 00-0150 1/2" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0151	EA	2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	79.26	6.09
		For Installation With Adhesive, Deduct	*-6.40*	
		For Oxidized Finish, Add	*8.23*	
		For Polished Finish, Add	*16.47*	
10 14 19 00-0152	EA	4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	102.64	7.07
		For Installation With Adhesive, Deduct	*-7.96*	
		For Oxidized Finish, Add	*11.16*	
		For Polished Finish, Add	*22.31*	
10 14 19 00-0153	EA	6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	147.84	8.53
		For Installation With Adhesive, Deduct	*-10.81*	
		For Oxidized Finish, Add	*17.06*	
		For Polished Finish, Add	*34.11*	
10 14 19 00-0154	EA	8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	201.98	9.75
		For Installation With Adhesive, Deduct	*-14.00*	
		For Oxidized Finish, Add	*24.45*	
		For Polished Finish, Add	*48.89*	
10 14 19 00-0155	EA	10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	280.06	10.97
		For Installation With Adhesive, Deduct	*-18.39*	
		For Oxidized Finish, Add	*35.43*	
		For Polished Finish, Add	*70.86*	
10 14 19 00-0156	EA	12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	373.04	12.67
		For Installation With Adhesive, Deduct	*-23.72*	
		For Oxidized Finish, Add	*48.35*	
		For Polished Finish, Add	*96.70*	
10 14 19 00-0157	EA	14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	462.26	14.63
		For Installation With Adhesive, Deduct	*-28.96*	
		For Oxidized Finish, Add	*60.56*	
		For Polished Finish, Add	*121.13*	
10 14 19 00-0158	EA	16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	551.10	17.55
		For Installation With Adhesive, Deduct	*-34.58*	
		For Oxidized Finish, Add	*72.14*	
		For Polished Finish, Add	*144.27*	
10 14 19 00-0159	EA	18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	750.01	19.50
		For Installation With Adhesive, Deduct	*-45.30*	
		For Oxidized Finish, Add	*100.80*	
		For Polished Finish, Add	*201.61*	
10 14 19 00-0160	EA	20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	845.93	21.93
		For Installation With Adhesive, Deduct	*-51.07*	
		For Oxidized Finish, Add	*113.73*	
		For Polished Finish, Add	*227.46*	
10 14 19 00-0161	EA	22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,055.11	23.16
		For Installation With Adhesive, Deduct	*-62.02*	
		For Oxidized Finish, Add	*144.37*	
		For Polished Finish, Add	*288.75*	
10 14 19 00-0162	EA	24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,233.68	24.37
		For Installation With Adhesive, Deduct	*-71.43*	
		For Oxidized Finish, Add	*170.43*	
		For Polished Finish, Add	*340.86*	
10 14 19 00-0163	EA	30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,858.44	29.25
		For Installation With Adhesive, Deduct	*-104.62*	
		For Oxidized Finish, Add	*261.22*	
		For Polished Finish, Add	*522.44*	

10 14 19 00-0164 3/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0165	EA	2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	96.60	6.09
		For Installation With Adhesive, Deduct	*-7.27*	
		For Oxidized Finish, Add	*10.83*	
		For Polished Finish, Add	*21.67*	
10 14 19 00-0166	EA	4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	134.81	7.07
		For Installation With Adhesive, Deduct	*-9.57*	
		For Oxidized Finish, Add	*15.98*	
		For Polished Finish, Add	*31.96*	
10 14 19 00-0167	EA	6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	183.75	8.53
		For Installation With Adhesive, Deduct	*-12.60*	
		For Oxidized Finish, Add	*22.44*	
		For Polished Finish, Add	*44.89*	
10 14 19 00-0168	EA	8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	247.95	9.75
		For Installation With Adhesive, Deduct	*-16.30*	
		For Oxidized Finish, Add	*31.34*	
		For Polished Finish, Add	*62.69*	
10 14 19 00-0169	EA	10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	336.29	10.97
		For Installation With Adhesive, Deduct	*-21.20*	
		For Oxidized Finish, Add	*43.86*	
		For Polished Finish, Add	*87.73*	
10 14 19 00-0170	EA	12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	460.96	12.67
		For Installation With Adhesive, Deduct	*-28.12*	
		For Oxidized Finish, Add	*61.54*	
		For Polished Finish, Add	*123.08*	
10 14 19 00-0171	EA	14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	574.93	14.63
		For Installation With Adhesive, Deduct	*-34.60*	
		For Oxidized Finish, Add	*77.46*	
		For Polished Finish, Add	*154.93*	
10 14 19 00-0172	EA	16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	670.76	17.55
		For Installation With Adhesive, Deduct	*-40.56*	
		For Oxidized Finish, Add	*90.08*	
		For Polished Finish, Add	*180.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0173	EA	18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	892.99	19.50
		For Installation With Adhesive, Deduct	*-52.45*	
		For Oxidized Finish, Add	*122.25*	
		For Polished Finish, Add	*244.50*	
10 14 19 00-0174	EA	20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	976.89	21.93
		For Installation With Adhesive, Deduct	*-57.62*	
		For Oxidized Finish, Add	*133.37*	
		For Polished Finish, Add	*266.75*	
10 14 19 00-0175	EA	22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,238.86	23.16
		For Installation With Adhesive, Deduct	*-71.21*	
		For Oxidized Finish, Add	*171.94*	
		For Polished Finish, Add	*343.87*	
10 14 19 00-0176	EA	24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,572.12	24.37
		For Installation With Adhesive, Deduct	*-88.36*	
		For Oxidized Finish, Add	*221.19*	
		For Polished Finish, Add	*442.39*	
10 14 19 00-0177	EA	30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,371.07	29.25
		For Installation With Adhesive, Deduct	*-130.25*	
		For Oxidized Finish, Add	*338.11*	
		For Polished Finish, Add	*676.22*	
10 14 19 00-0178		Satin Finish, Bronze Characters *(10 14 19 00-0049)*		
10 14 19 00-0179		1/4" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*		
10 14 19 00-0180	EA	2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	54.89	6.09
		For Installation With Adhesive, Deduct	*-5.18*	
		For Oxidized Finish, Add	*4.58*	
		For Polished Or Patina Finish, Add	*9.16*	
10 14 19 00-0181	EA	4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	70.78	7.07
		For Installation With Adhesive, Deduct	*-6.37*	
		For Oxidized Finish, Add	*6.38*	
		For Polished Or Patina Finish, Add	*12.75*	
10 14 19 00-0182	EA	6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	97.35	8.53
		For Installation With Adhesive, Deduct	*-8.28*	
		For Oxidized Finish, Add	*9.48*	
		For Polished Or Patina Finish, Add	*18.97*	
10 14 19 00-0183	EA	8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	127.29	9.75
		For Installation With Adhesive, Deduct	*-10.26*	
		For Oxidized Finish, Add	*13.24*	
		For Polished Or Patina Finish, Add	*26.49*	
10 14 19 00-0184	EA	10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	162.68	10.97
		For Installation With Adhesive, Deduct	*-12.52*	
		For Oxidized Finish, Add	*17.82*	
		For Polished Or Patina Finish, Add	*35.64*	
10 14 19 00-0185	EA	12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	205.49	12.67
		For Installation With Adhesive, Deduct	*-15.34*	
		For Oxidized Finish, Add	*23.22*	
		For Polished Or Patina Finish, Add	*46.44*	
10 14 19 00-0186	EA	14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	256.89	14.63
		For Installation With Adhesive, Deduct	*-18.69*	
		For Oxidized Finish, Add	*29.76*	
		For Polished Or Patina Finish, Add	*59.52*	
10 14 19 00-0187	EA	16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	318.73	17.55
		For Installation With Adhesive, Deduct	*-22.96*	
		For Oxidized Finish, Add	*37.28*	
		For Polished Or Patina Finish, Add	*74.56*	
10 14 19 00-0188	EA	18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	381.02	19.50
		For Installation With Adhesive, Deduct	*-26.85*	
		For Oxidized Finish, Add	*45.45*	
		For Polished Or Patina Finish, Add	*90.91*	
10 14 19 00-0189	EA	20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	451.81	21.93
		For Installation With Adhesive, Deduct	*-31.36*	
		For Oxidized Finish, Add	*54.61*	
		For Polished Or Patina Finish, Add	*109.22*	
10 14 19 00-0190	EA	22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	526.46	23.16
		For Installation With Adhesive, Deduct	*-35.59*	
		For Oxidized Finish, Add	*65.08*	
		For Polished Or Patina Finish, Add	*130.15*	
10 14 19 00-0191	EA	24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	608.72	24.37
		For Installation With Adhesive, Deduct	*-40.19*	
		For Oxidized Finish, Add	*76.68*	
		For Polished Or Patina Finish, Add	*153.37*	
10 14 19 00-0192	EA	30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	921.44	29.25
		For Installation With Adhesive, Deduct	*-57.77*	
		For Oxidized Finish, Add	*120.67*	
		For Polished Or Patina Finish, Add	*241.34*	
10 14 19 00-0193		3/8" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*		
10 14 19 00-0194	EA	2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	64.66	6.09
		For Installation With Adhesive, Deduct	*-5.67*	
		For Oxidized Finish, Add	*6.04*	
		For Polished Or Patina Finish, Add	*12.09*	
10 14 19 00-0195	EA	4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	83.96	7.07
		For Installation With Adhesive, Deduct	*-7.03*	
		For Oxidized Finish, Add	*8.35*	
		For Polished Or Patina Finish, Add	*16.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0196	EA	6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	121.38	8.53
		For Installation With Adhesive, Deduct	*-9.48*	
		For Oxidized Finish, Add	*13.09*	
		For Polished Or Patina Finish, Add	*26.18*	
10 14 19 00-0197	EA	8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	159.96	9.75
		For Installation With Adhesive, Deduct	*-11.90*	
		For Oxidized Finish, Add	*18.14*	
		For Polished Or Patina Finish, Add	*36.29*	
10 14 19 00-0198	EA	10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	216.15	10.97
		For Installation With Adhesive, Deduct	*-15.19*	
		For Oxidized Finish, Add	*25.84*	
		For Polished Or Patina Finish, Add	*51.68*	
10 14 19 00-0199	EA	12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	273.59	12.67
		For Installation With Adhesive, Deduct	*-18.75*	
		For Oxidized Finish, Add	*33.43*	
		For Polished Or Patina Finish, Add	*66.87*	
10 14 19 00-0200	EA	14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	342.19	14.63
		For Installation With Adhesive, Deduct	*-22.96*	
		For Oxidized Finish, Add	*42.55*	
		For Polished Or Patina Finish, Add	*85.11*	
10 14 19 00-0201	EA	16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	423.11	17.55
		For Installation With Adhesive, Deduct	*-28.18*	
		For Oxidized Finish, Add	*52.94*	
		For Polished Or Patina Finish, Add	*105.87*	
10 14 19 00-0202	EA	18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	511.33	19.50
		For Installation With Adhesive, Deduct	*-33.37*	
		For Oxidized Finish, Add	*65.00*	
		For Polished Or Patina Finish, Add	*130.00*	
10 14 19 00-0203	EA	20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	608.37	21.93
		For Installation With Adhesive, Deduct	*-39.19*	
		For Oxidized Finish, Add	*78.09*	
		For Polished Or Patina Finish, Add	*156.19*	
10 14 19 00-0204	EA	22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	713.01	23.16
		For Installation With Adhesive, Deduct	*-44.91*	
		For Oxidized Finish, Add	*93.06*	
		For Polished Or Patina Finish, Add	*186.12*	
10 14 19 00-0205	EA	24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	808.10	24.37
		For Installation With Adhesive, Deduct	*-50.15*	
		For Oxidized Finish, Add	*106.59*	
		For Polished Or Patina Finish, Add	*213.18*	
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,106.46	29.25
		For Installation With Adhesive, Deduct	*-67.02*	
		For Oxidized Finish, Add	*148.42*	
		For Polished Or Patina Finish, Add	*296.84*	

10 14 19 00-0207 1/2" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	66.79	6.09
		For Installation With Adhesive, Deduct	*-5.78*	
		For Oxidized Finish, Add	*6.36*	
		For Polished Or Patina Finish, Add	*12.73*	
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	99.26	7.07
		For Installation With Adhesive, Deduct	*-7.79*	
		For Oxidized Finish, Add	*10.65*	
		For Polished Or Patina Finish, Add	*21.30*	
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	140.98	8.53
		For Installation With Adhesive, Deduct	*-10.46*	
		For Oxidized Finish, Add	*16.03*	
		For Polished Or Patina Finish, Add	*32.06*	
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	193.51	9.75
		For Installation With Adhesive, Deduct	*-13.58*	
		For Oxidized Finish, Add	*23.18*	
		For Polished Or Patina Finish, Add	*46.35*	
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	263.68	10.97
		For Installation With Adhesive, Deduct	*-17.57*	
		For Oxidized Finish, Add	*32.97*	
		For Polished Or Patina Finish, Add	*65.94*	
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	358.72	12.67
		For Installation With Adhesive, Deduct	*-23.01*	
		For Oxidized Finish, Add	*46.20*	
		For Polished Or Patina Finish, Add	*92.41*	
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	465.19	14.63
		For Installation With Adhesive, Deduct	*-29.11*	
		For Oxidized Finish, Add	*61.00*	
		For Polished Or Patina Finish, Add	*122.01*	
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	582.17	17.55
		For Installation With Adhesive, Deduct	*-36.13*	
		For Oxidized Finish, Add	*76.80*	
		For Polished Or Patina Finish, Add	*153.59*	
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	714.36	19.50
		For Installation With Adhesive, Deduct	*-43.52*	
		For Oxidized Finish, Add	*95.46*	
		For Polished Or Patina Finish, Add	*190.91*	
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	855.94	21.93
		For Installation With Adhesive, Deduct	*-51.57*	
		For Oxidized Finish, Add	*115.23*	
		For Polished Or Patina Finish, Add	*230.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,012.35	23.16
		For Installation With Adhesive, Deduct	*-59.88*	
		For Oxidized Finish, Add	*137.96*	
		For Polished Or Patina Finish, Add	*275.92*	
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,176.18	24.37
		For Installation With Adhesive, Deduct	*-68.56*	
		For Oxidized Finish, Add	*161.80*	
		For Polished Or Patina Finish, Add	*323.61*	
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,645.45	29.25
		For Installation With Adhesive, Deduct	*-93.97*	
		For Oxidized Finish, Add	*229.27*	
		For Polished Or Patina Finish, Add	*458.54*	

10 14 19 00-0221 Satin Finish, Copper Characters *(10 14 19 00-0049)*

10 14 19 00-0222 1/4" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	53.26	6.09
		For Installation With Adhesive, Deduct	*-5.10*	
		For Polished Finish, Add	*8.67*	
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	69.54	7.07
		For Installation With Adhesive, Deduct	*-6.30*	
		For Polished Finish, Add	*12.38*	
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	98.10	8.53
		For Installation With Adhesive, Deduct	*-8.32*	
		For Polished Finish, Add	*19.19*	
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	129.80	9.75
		For Installation With Adhesive, Deduct	*-10.39*	
		For Polished Finish, Add	*27.24*	
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	164.59	10.97
		For Installation With Adhesive, Deduct	*-12.62*	
		For Polished Finish, Add	*36.22*	
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	209.60	12.67
		For Installation With Adhesive, Deduct	*-15.55*	
		For Polished Finish, Add	*47.67*	
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	262.80	14.63
		For Installation With Adhesive, Deduct	*-18.99*	
		For Polished Finish, Add	*61.29*	
10 14 19 00-0230	EA	16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	324.03	17.55
		For Installation With Adhesive, Deduct	*-23.22*	
		For Polished Finish, Add	*76.15*	
10 14 19 00-0231	EA	18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	388.57	19.50
		For Installation With Adhesive, Deduct	*-27.23*	
		For Polished Finish, Add	*93.17*	
10 14 19 00-0232	EA	20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	460.23	21.93
		For Installation With Adhesive, Deduct	*-31.79*	
		For Polished Finish, Add	*111.75*	
10 14 19 00-0233	EA	22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	537.35	23.16
		For Installation With Adhesive, Deduct	*-36.13*	
		For Polished Finish, Add	*133.42*	
10 14 19 00-0234	EA	24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	620.63	24.37
		For Installation With Adhesive, Deduct	*-40.78*	
		For Polished Finish, Add	*156.94*	
10 14 19 00-0235	EA	30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	891.35	29.25
		For Installation With Adhesive, Deduct	*-56.27*	
		For Polished Finish, Add	*232.31*	

10 14 19 00-0236 3/8" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0237	EA	2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	60.48	6.09
		For Installation With Adhesive, Deduct	*-5.46*	
		For Polished Finish, Add	*10.83*	
10 14 19 00-0238	EA	4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	81.93	7.07
		For Installation With Adhesive, Deduct	*-6.92*	
		For Polished Finish, Add	*16.10*	
10 14 19 00-0239	EA	6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	120.49	8.53
		For Installation With Adhesive, Deduct	*-9.44*	
		For Polished Finish, Add	*25.91*	
10 14 19 00-0240	EA	8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	166.12	9.75
		For Installation With Adhesive, Deduct	*-12.21*	
		For Polished Finish, Add	*38.14*	
10 14 19 00-0241	EA	10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	224.96	10.97
		For Installation With Adhesive, Deduct	*-15.64*	
		For Polished Finish, Add	*54.33*	
10 14 19 00-0242	EA	12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	281.11	12.67
		For Installation With Adhesive, Deduct	*-19.13*	
		For Polished Finish, Add	*69.12*	
10 14 19 00-0243	EA	14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	354.74	14.63
		For Installation With Adhesive, Deduct	*-23.59*	
		For Polished Finish, Add	*88.87*	
10 14 19 00-0244	EA	16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	438.25	17.55
		For Installation With Adhesive, Deduct	*-28.93*	
		For Polished Finish, Add	*110.42*	
10 14 19 00-0245	EA	18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	528.33	19.50
		For Installation With Adhesive, Deduct	*-34.22*	
		For Polished Finish, Add	*135.10*	
10 14 19 00-0246	EA	20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	627.85	21.93
		For Installation With Adhesive, Deduct	*-40.17*	
		For Polished Finish, Add	*162.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0247	EA	22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	737.48	23.16
		For Installation With Adhesive, Deduct	*-46.14*	
		For Polished Finish, Add	*193.46*	
10 14 19 00-0248	EA	24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	829.88	24.37
		For Installation With Adhesive, Deduct	*-51.24*	
		For Polished Finish, Add	*219.72*	
10 14 19 00-0249	EA	30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,162.38	29.25
		For Installation With Adhesive, Deduct	*-69.82*	
		For Polished Finish, Add	*313.62*	

10 14 19 00-0250 Satin Finish, Stainless Steel Characters *(10 14 19 00-0049)*

10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0252	EA	2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	49.41	6.09
		For Installation With Adhesive, Deduct	*-4.91*	
		For Polished Finish, Add	*7.51*	
10 14 19 00-0253	EA	4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	64.57	7.07
		For Installation With Adhesive, Deduct	*-6.06*	
		For Polished Finish, Add	*10.89*	
10 14 19 00-0254	EA	6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	82.95	8.53
		For Installation With Adhesive, Deduct	*-7.56*	
		For Polished Finish, Add	*14.65*	
10 14 19 00-0255	EA	8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	106.60	9.75
		For Installation With Adhesive, Deduct	*-9.23*	
		For Polished Finish, Add	*20.28*	
10 14 19 00-0256	EA	10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	130.25	10.97
		For Installation With Adhesive, Deduct	*-10.90*	
		For Polished Finish, Add	*25.91*	
10 14 19 00-0257	EA	12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	159.61	12.67
		For Installation With Adhesive, Deduct	*-13.05*	
		For Polished Finish, Add	*32.67*	
10 14 19 00-0258	EA	14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	191.20	14.63
		For Installation With Adhesive, Deduct	*-15.41*	
		For Polished Finish, Add	*39.81*	
10 14 19 00-0259	EA	16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	229.19	17.55
		For Installation With Adhesive, Deduct	*-18.48*	
		For Polished Finish, Add	*47.70*	
10 14 19 00-0260	EA	18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	267.02	19.50
		For Installation With Adhesive, Deduct	*-21.15*	
		For Polished Finish, Add	*56.71*	
10 14 19 00-0261	EA	20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	311.82	21.93
		For Installation With Adhesive, Deduct	*-24.37*	
		For Polished Finish, Add	*67.22*	
10 14 19 00-0262	EA	22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	361.77	23.16
		For Installation With Adhesive, Deduct	*-27.35*	
		For Polished Finish, Add	*80.75*	
10 14 19 00-0263	EA	24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	412.96	24.37
		For Installation With Adhesive, Deduct	*-30.40*	
		For Polished Finish, Add	*94.64*	
10 14 19 00-0264	EA	30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	565.15	29.25
		For Installation With Adhesive, Deduct	*-39.96*	
		For Polished Finish, Add	*134.45*	

10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0266	EA	2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	58.17	6.09
		For Installation With Adhesive, Deduct	*-5.35*	
		For Polished Finish, Add	*10.14*	
10 14 19 00-0267	EA	4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	77.28	7.07
		For Installation With Adhesive, Deduct	*-6.69*	
		For Polished Finish, Add	*14.70*	
10 14 19 00-0268	EA	6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	99.06	8.53
		For Installation With Adhesive, Deduct	*-8.37*	
		For Polished Finish, Add	*19.48*	
10 14 19 00-0269	EA	8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	126.20	9.75
		For Installation With Adhesive, Deduct	*-10.21*	
		For Polished Finish, Add	*26.16*	
10 14 19 00-0270	EA	10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	155.30	10.97
		For Installation With Adhesive, Deduct	*-12.15*	
		For Polished Finish, Add	*33.43*	
10 14 19 00-0271	EA	12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	191.20	12.67
		For Installation With Adhesive, Deduct	*-14.63*	
		For Polished Finish, Add	*42.15*	
10 14 19 00-0272	EA	14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	229.68	14.63
		For Installation With Adhesive, Deduct	*-17.33*	
		For Polished Finish, Add	*51.35*	
10 14 19 00-0273	EA	16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	275.29	17.55
		For Installation With Adhesive, Deduct	*-20.78*	
		For Polished Finish, Add	*61.53*	
10 14 19 00-0274	EA	18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	319.95	19.50
		For Installation With Adhesive, Deduct	*-23.80*	
		For Polished Finish, Add	*72.59*	
10 14 19 00-0275	EA	20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	374.56	21.93
		For Installation With Adhesive, Deduct	*-27.50*	
		For Polished Finish, Add	*86.05*	
10 14 19 00-0276	EA	22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	420.98	23.16
		For Installation With Adhesive, Deduct	*-30.31*	
		For Polished Finish, Add	*98.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0277	EA	24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	482.36	24.37
		For Installation With Adhesive, Deduct	*-33.87*	
		For Polished Finish, Add	*115.46*	
10 14 19 00-0278	EA	30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	663.75	29.25
		For Installation With Adhesive, Deduct	*-44.89*	
		For Polished Finish, Add	*164.03*	

10 14 19 00-0279 1/2" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0280	EA	2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	69.44	6.09
		For Installation With Adhesive, Deduct	*-5.91*	
		For Polished Finish, Add	*13.52*	
10 14 19 00-0281	EA	4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	93.62	7.07
		For Installation With Adhesive, Deduct	*-7.51*	
		For Polished Finish, Add	*19.61*	
10 14 19 00-0282	EA	6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	120.55	8.53
		For Installation With Adhesive, Deduct	*-9.44*	
		For Polished Finish, Add	*25.93*	
10 14 19 00-0283	EA	8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	157.98	9.75
		For Installation With Adhesive, Deduct	*-11.80*	
		For Polished Finish, Add	*35.69*	
10 14 19 00-0284	EA	10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	195.89	10.97
		For Installation With Adhesive, Deduct	*-14.18*	
		For Polished Finish, Add	*45.61*	
10 14 19 00-0285	EA	12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	242.38	12.67
		For Installation With Adhesive, Deduct	*-17.19*	
		For Polished Finish, Add	*57.50*	
10 14 19 00-0286	EA	14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	292.05	14.63
		For Installation With Adhesive, Deduct	*-20.45*	
		For Polished Finish, Add	*70.07*	
10 14 19 00-0287	EA	16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	350.01	17.55
		For Installation With Adhesive, Deduct	*-24.52*	
		For Polished Finish, Add	*83.94*	
10 14 19 00-0288	EA	18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	416.35	19.50
		For Installation With Adhesive, Deduct	*-28.62*	
		For Polished Finish, Add	*101.51*	
10 14 19 00-0289	EA	20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	488.85	21.93
		For Installation With Adhesive, Deduct	*-33.22*	
		For Polished Finish, Add	*120.33*	
10 14 19 00-0290	EA	22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	547.48	23.16
		For Installation With Adhesive, Deduct	*-36.64*	
		For Polished Finish, Add	*136.46*	
10 14 19 00-0291	EA	24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	630.63	24.37
		For Installation With Adhesive, Deduct	*-41.28*	
		For Polished Finish, Add	*159.94*	
10 14 19 00-0292	EA	30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	874.39	29.25
		For Installation With Adhesive, Deduct	*-55.42*	
		For Polished Finish, Add	*227.22*	

10 14 23 Panel Signage *(10 14)*

10 14 23 11 Panel Signage *(10 14 23)*

10 14 23 11-0001 Indoor/Outdoor Signs *(10 14 23 11)*

Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.

10 14 23 11-0002 Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0003 Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics.

10 14 23 11-0004	EA	Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	21.71	8.85
		For >25 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.00*	
		For >100, Deduct	*-1.20*	
		For Clear Glass Mount, Add	*3.21*	
		For Glow-In-Dark, Add	*8.02*	
		For Reflective Finish, Add	*9.02*	
10 14 23 11-0005	EA	>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	24.57	8.85
		For >25 To 50, Deduct	*-0.69*	
		For >50 To 100, Deduct	*-1.72*	
		For >100, Deduct	*-2.06*	
		For Clear Glass Mount, Add	*5.50*	
		For Glow-In-Dark, Add	*13.74*	
		For Reflective Finish, Add	*15.46*	
10 14 23 11-0006	EA	>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	29.15	8.85
		For >25 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-2.86*	
		For >100, Deduct	*-3.44*	
		For Clear Glass Mount, Add	*9.16*	
		For Glow-In-Dark, Add	*22.90*	
		For Reflective Finish, Add	*25.76*	
10 14 23 11-0007	EA	>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	34.88	8.85
		For >25 To 50, Deduct	*-1.72*	
		For >50 To 100, Deduct	*-4.30*	
		For >100, Deduct	*-5.15*	
		For Clear Glass Mount, Add	*13.74*	
		For Glow-In-Dark, Add	*34.36*	
		For Reflective Finish, Add	*38.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0008	EA	>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	45.19	8.85
		For >25 To 50, Deduct	*-2.75*	
		For >50 To 100, Deduct	*-6.87*	
		For >100, Deduct	*-8.25*	
		For Clear Glass Mount, Add	*21.99*	
		For Glow-In-Dark, Add	*54.98*	
		For Reflective Finish, Add	*61.85*	
10 14 23 11-0009	EA	>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	63.52	8.85
		For >25 To 50, Deduct	*-4.58*	
		For >50 To 100, Deduct	*-11.46*	
		For >100, Deduct	*-13.75*	
		For Clear Glass Mount, Add	*36.66*	
		For Glow-In-Dark, Add	*91.64*	
		For Reflective Finish, Add	*103.10*	
10 14 23 11-0010	EA	>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	86.42	8.85
		For >25 To 50, Deduct	*-6.87*	
		For >50 To 100, Deduct	*-17.18*	
		For >100, Deduct	*-20.62*	
		For Clear Glass Mount, Add	*54.98*	
		For Glow-In-Dark, Add	*137.44*	
		For Reflective Finish, Add	*154.62*	
10 14 23 11-0011	SI	>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	0.10	0.01
		For Clear Glass Mount, Add	*0.06*	
		For Glow-In-Dark, Add	*0.16*	
		For Reflective Finish, Add	*0.18*	

10 14 23 11-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs

(10 14 23 11-0002)

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0013	EA	Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	22.85	8.85
		For >25 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-1.55*	
		For Glow-In-Dark, Add	*10.30*	
		For Reflective Finish, Add	*11.07*	
10 14 23 11-0014	EA	>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	25.72	8.85
		For >25 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-2.41*	
		For Glow-In-Dark, Add	*16.04*	
		For Reflective Finish, Add	*17.24*	
10 14 23 11-0015	EA	>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	31.44	8.85
		For >25 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-3.44*	
		For >100, Deduct	*-4.12*	
		For Glow-In-Dark, Add	*27.48*	
		For Reflective Finish, Add	*29.54*	
10 14 23 11-0016	EA	>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	37.17	8.85
		For >25 To 50, Deduct	*-1.95*	
		For >50 To 100, Deduct	*-4.87*	
		For >100, Deduct	*-5.84*	
		For Glow-In-Dark, Add	*38.94*	
		For Reflective Finish, Add	*41.86*	
10 14 23 11-0017	EA	>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	45.76	8.85
		For >25 To 50, Deduct	*-2.81*	
		For >50 To 100, Deduct	*-7.02*	
		For >100, Deduct	*-8.42*	
		For Glow-In-Dark, Add	*56.12*	
		For Reflective Finish, Add	*60.33*	
10 14 23 11-0018	EA	>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	54.35	8.85
		For >25 To 50, Deduct	*-3.67*	
		For >50 To 100, Deduct	*-9.16*	
		For >100, Deduct	*-11.00*	
		For Glow-In-Dark, Add	*73.30*	
		For Reflective Finish, Add	*78.80*	
10 14 23 11-0019	EA	>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	63.52	8.85
		For >25 To 50, Deduct	*-4.58*	
		For >50 To 100, Deduct	*-11.46*	
		For >100, Deduct	*-13.75*	
		For Glow-In-Dark, Add	*91.64*	
		For Reflective Finish, Add	*98.51*	
10 14 23 11-0020	SI	>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.07	0.01
		For Glow-In-Dark, Add	*0.10*	
		For Reflective Finish, Add	*0.11*	

10 14 23 11-0021 Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0022	EA	Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	31.44	8.85
		For >25 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-3.44*	
		For >100, Deduct	*-4.12*	
		For Molded Plastic Frame, Add	*15.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*23.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0023	EA	>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	34.88	8.85
		For >25 To 50, Deduct	*-1.72*	
		For >50 To 100, Deduct	*-4.30*	
		For >100, Deduct	*-5.15*	
		For Molded Plastic Frame, Add	*17.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*28.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0024	EA	>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	40.61	8.85
		For >25 To 50, Deduct	*-2.29*	
		For >50 To 100, Deduct	*-5.73*	
		For >100, Deduct	*-6.87*	
		For Molded Plastic Frame, Add	*19.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*31.00*	
10 14 23 11-0025	EA	>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	45.99	8.85
		For >25 To 50, Deduct	*-2.83*	
		For >50 To 100, Deduct	*-7.07*	
		For >100, Deduct	*-8.49*	
		For Molded Plastic Frame, Add	*21.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*35.00*	
10 14 23 11-0026	SI	>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	0.50	0.09
		For Molded Plastic Frame, Add	*0.20*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*0.31*	

10 14 23 11-0027 Engraved Steel, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0028	EA	Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	39.46	8.85
		For >25 To 50, Deduct	*-2.18*	
		For >50 To 100, Deduct	*-5.44*	
		For >100, Deduct	*-6.53*	
		For Molded Plastic Frame, Add	*15.00*	
10 14 23 11-0029	EA	>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	46.34	8.85
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.16*	
		For >100, Deduct	*-8.59*	
		For Molded Plastic Frame, Add	*17.00*	
10 14 23 11-0030	EA	>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	55.50	8.85
		For >25 To 50, Deduct	*-3.78*	
		For >50 To 100, Deduct	*-9.45*	
		For >100, Deduct	*-11.34*	
		For Molded Plastic Frame, Add	*19.00*	
10 14 23 11-0031	EA	>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	73.82	8.85
		For >25 To 50, Deduct	*-5.61*	
		For >50 To 100, Deduct	*-14.03*	
		For >100, Deduct	*-16.84*	
		For Molded Plastic Frame, Add	*21.00*	
10 14 23 11-0032	SI	>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	0.74	0.09
		For Molded Plastic Frame, Add	*0.20*	

10 14 23 11-0033 Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0034	EA	Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	22.28	8.85
		For >25 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.15*	
		For >100, Deduct	*-1.37*	
		For Glow-In-Dark, Add	*2.75*	
		For Reflective Finish, Add	*3.44*	
10 14 23 11-0035	EA	>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	25.72	8.85
		For >25 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-2.41*	
		For Glow-In-Dark, Add	*4.81*	
		For Reflective Finish, Add	*6.02*	
10 14 23 11-0036	EA	>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	32.59	8.85
		For >25 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.72*	
		For >100, Deduct	*-4.47*	
		For Glow-In-Dark, Add	*8.93*	
		For Reflective Finish, Add	*11.17*	
10 14 23 11-0037	EA	>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	40.61	8.85
		For >25 To 50, Deduct	*-2.29*	
		For >50 To 100, Deduct	*-5.73*	
		For >100, Deduct	*-6.87*	
		For Glow-In-Dark, Add	*13.75*	
		For Reflective Finish, Add	*17.18*	
10 14 23 11-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	64.66	8.85
		For >25 To 50, Deduct	*-4.70*	
		For >50 To 100, Deduct	*-11.74*	
		For >100, Deduct	*-14.09*	
		For Glow-In-Dark, Add	*28.18*	
		For Reflective Finish, Add	*35.22*	
10 14 23 11-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	74.97	8.85
		For >25 To 50, Deduct	*-5.73*	
		For >50 To 100, Deduct	*-14.32*	
		For >100, Deduct	*-17.18*	
		For Glow-In-Dark, Add	*34.36*	
		For Reflective Finish, Add	*42.95*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 14 23 11-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	88.71	8.85
			For >25 To 50, Deduct	*-7.10*	
			For >50 To 100, Deduct	*-17.75*	
			For >100, Deduct	*-21.30*	
			For Glow-In-Dark, Add	*42.61*	
			For Reflective Finish, Add	*53.26*	
	10 14 23 11-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.10	0.01
			For Glow-In-Dark, Add	*0.05*	
			For Reflective Finish, Add	*0.06*	

10 14 23 11-0042 California Title 24, Surface Mount, Signs *(10 14 23 11-0002)*

10 14 23 11-0043 California Title 24, Surface Mount, Geometric Restroom Signs *(10 14 23 11-0042)*

Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.

	10 14 23 11-0044	EA	1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign	59.79	8.85
			For >25 To 50, Deduct	*-4.21*	
			For >50 To 100, Deduct	*-6.31*	
			For >100, Deduct	*-7.16*	
	10 14 23 11-0045	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign	59.79	8.85
			For >25 To 50, Deduct	*-4.21*	
			For >50 To 100, Deduct	*-6.31*	
			For >100, Deduct	*-7.16*	
	10 14 23 11-0046	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle.	76.63	8.85
			For >25 To 50, Deduct	*-5.89*	
			For >50 To 100, Deduct	*-8.84*	
			For >100, Deduct	*-10.02*	

10 14 23 11-0047 California Title 24, Surface Mount, Stairwell Signs *(10 14 23 11-0042)*

Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.

	10 14 23 11-0048	EA	1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign	112.71	8.85
			For >25 To 50, Deduct	*-9.50*	
			For >50 To 100, Deduct	*-14.25*	
			For >100, Deduct	*-16.15*	

10 14 23 11-0049 Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0050 Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0049)*

	10 14 23 11-0051	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	31.08	12.39
			For >25 To 50, Deduct	*-0.63*	
			For >50 To 100, Deduct	*-1.58*	
			For >100, Deduct	*-1.89*	
			For Glow-In-Dark, Add	*3.78*	
			For Reflective Finish, Add	*4.73*	
	10 14 23 11-0052	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	36.23	12.39
			For >25 To 50, Deduct	*-1.15*	
			For >50 To 100, Deduct	*-2.86*	
			For >100, Deduct	*-3.44*	
			For Glow-In-Dark, Add	*6.87*	
			For Reflective Finish, Add	*8.59*	
	10 14 23 11-0053	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	43.11	12.39
			For >25 To 50, Deduct	*-1.83*	
			For >50 To 100, Deduct	*-4.58*	
			For >100, Deduct	*-5.50*	
			For Glow-In-Dark, Add	*11.00*	
			For Reflective Finish, Add	*13.75*	
	10 14 23 11-0054	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	53.42	12.39
			For >25 To 50, Deduct	*-2.86*	
			For >50 To 100, Deduct	*-7.16*	
			For >100, Deduct	*-8.59*	
			For Glow-In-Dark, Add	*17.18*	
			For Reflective Finish, Add	*21.48*	

10 14 23 11-0055 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0056 Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0055)*

	10 14 23 11-0057	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	31.65	12.39
			For >25 To 50, Deduct	*-0.69*	
			For >50 To 100, Deduct	*-1.72*	
			For >100, Deduct	*-2.06*	
			For Glow-In-Dark, Add	*4.12*	
			For Reflective Finish, Add	*5.15*	
	10 14 23 11-0058	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	37.38	12.39
			For >25 To 50, Deduct	*-1.26*	
			For >50 To 100, Deduct	*-3.15*	
			For >100, Deduct	*-3.78*	
			For Glow-In-Dark, Add	*7.56*	
			For Reflective Finish, Add	*9.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0059	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	49.98	12.39
		For >25 To 50, Deduct	*-2.52*	
		For >50 To 100, Deduct	*-6.30*	
		For >100, Deduct	*-7.56*	
		For Glow-In-Dark, Add	*15.12*	
		For Reflective Finish, Add	*18.90*	
10 14 23 11-0060	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	54.56	12.39
		For >25 To 50, Deduct	*-2.98*	
		For >50 To 100, Deduct	*-7.45*	
		For >100, Deduct	*-8.93*	
		For Glow-In-Dark, Add	*17.87*	
		For Reflective Finish, Add	*22.34*	

10 14 23 11-0061 Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0062 Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0061)*

10 14 23 11-0063	EA	Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	33.37	12.39
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-2.58*	
		For Glow-In-Dark, Add	*5.15*	
		For Reflective Finish, Add	*6.44*	
10 14 23 11-0064	EA	>25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	41.96	12.39
		For >25 To 50, Deduct	*-1.72*	
		For >50 To 100, Deduct	*-4.30*	
		For >100, Deduct	*-5.15*	
		For Glow-In-Dark, Add	*10.31*	
		For Reflective Finish, Add	*12.89*	
10 14 23 11-0065	EA	>50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	45.40	12.39
		For >25 To 50, Deduct	*-2.06*	
		For >50 To 100, Deduct	*-5.16*	
		For >100, Deduct	*-6.19*	
		For Glow-In-Dark, Add	*12.37*	
		For Reflective Finish, Add	*15.47*	
10 14 23 11-0066	EA	>100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	49.98	12.39
		For >25 To 50, Deduct	*-2.52*	
		For >50 To 100, Deduct	*-6.30*	
		For >100, Deduct	*-7.56*	
		For Glow-In-Dark, Add	*15.12*	
		For Reflective Finish, Add	*18.90*	

10 14 23 11-0067 Adhesive Backed Vinyl Characters *(10 14 23 11)*

Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.

10 14 23 11-0068	EA	1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.28	0.71
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.39*	
10 14 23 11-0069	EA	3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.36	0.81
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.41*	
10 14 23 11-0070	EA	1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.44	0.92
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.43*	
10 14 23 11-0071	EA	1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.29	1.06
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.55*	
10 14 23 11-0072	EA	2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.40	1.24
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.57*	
10 14 23 11-0073	EA	3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.80	1.41
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.83*	
10 14 23 11-0074	EA	4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	5.14	1.59
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.92*	
10 14 23 11-0075	EA	6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	6.88	1.77
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.26*	
10 14 23 11-0076	EA	8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	8.23	1.95
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.60*	
10 14 23 11-0077	EA	10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	10.53	2.13
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*2.08*	

10 14 23 11-0078 Standoffs For Wall Signage *(10 14 23 11)*

Note: Exxcludes signage

10 14 23 11-0079	EA	1/2" Diameter x 1/2" Long, Stainless Steel Standoff	11.41	4.87
10 14 23 11-0080	EA	1/2" Diameter x 3/4" Long, Stainless Steel Standoff	11.63	4.87
10 14 23 11-0081	EA	1/2" Diameter x 1" Long, Stainless Steel Standoff	11.68	4.87
10 14 23 11-0082	EA	5/8" Diameter x 1/2" Long, Stainless Steel Standoff	12.27	4.87
10 14 23 11-0083	EA	5/8" Diameter x 3/4" Long, Stainless Steel Standoff	12.48	4.87
10 14 23 11-0084	EA	5/8" Diameter x 1" Long, Stainless Steel Standoff	12.91	4.87
10 14 23 11-0085	EA	3/4" Diameter x 3/4" Long, Stainless Steel Standoff	13.09	5.85
10 14 23 11-0086	EA	3/4" Diameter x 1" Long, Stainless Steel Standoff	13.68	5.85
10 14 23 11-0087	EA	3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff	14.16	5.85
10 14 23 11-0088	EA	1" Diameter x 3/4" Long, Stainless Steel Standoff	15.13	5.85
10 14 23 11-0089	EA	1" Diameter x 1" Long, Stainless Steel Standoff	15.83	5.85
10 14 23 11-0090	EA	1" Diameter x 1-1/2" Long, Stainless Steel Standoff	16.68	5.85
10 14 23 11-0091	EA	5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	12.43	4.87
10 14 23 11-0092	EA	5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff	12.59	4.87
10 14 23 11-0093	EA	3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	13.57	5.85
10 14 23 11-0094	EA	3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff	13.73	5.85
10 14 23 11-0095	EA	1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	14.92	5.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0096	EA	1" Diameter x 1" Long, Clear Anodized Aluminum Standoff	15.02	5.85
10 14 23 11-0097		**Removal And Reinstallation Of Building Signage** *(10 14 23 11)*		
		Note: Includes storage and cleaning.		
10 14 23 11-0098	EA	Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	170.67	
10 14 23 11-0099	EA	Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	195.87	
10 14 23 11-0100	EA	Removal And Reinstallation Of Building Signage, >12 To 20 SF	220.26	
10 14 23 11-0101	EA	Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	53.11	
10 14 23 11-0102		**Building Sign** *(10 14 23 11)*		
		Note: Includes 4" numbers painted on. Installed on building.		
10 14 23 11-0103	EA	6" x 18" Metal Building Sign With Numbers	117.02	21.25
10 14 23 11-0104	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	33.11	6.83
10 14 23 11-0105	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	25.57	6.33
10 14 23 11-0106	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	21.69	5.36
10 14 23 11-0107	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	24.91	5.85
10 14 23 11-0108	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	27.30	6.33
10 14 23 11-0109	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	31.92	6.83
10 14 23 11-0110		**Custom Acrylic Signage (Takeform; Fusion)** *(10 14 23 11)*		
10 14 23 11-0111	EA	Type B: F04C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage	299.27	17.70
		Note: Accommodates inserts.		
10 14 23 11-0112	EA	Type B: F53C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage	415.31	17.70
		Note: Accommodates inserts.		
10 14 23 11-0113	EA	Inserts for Type B: Directional Signage	30.03	
10 14 23 11-0114	EA	Type D: F04B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage	236.93	14.16
		Note: Accommodates inserts.		
10 14 23 11-0115	EA	Type D: F53B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage	319.82	14.16
		Note: Accommodates inserts.		
10 14 23 11-0116	EA	Inserts for Type D: Evacuation Map Signage	16.82	
10 14 23 11-0117	EA	Type E: F04B-BB-K2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	195.24	9.21
10 14 23 11-0118	EA	Type E: F53BB3-BC2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	182.81	9.21
10 14 23 11-0119	EA	Type E.2: F04B-BB-K2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	195.24	9.21
10 14 23 11-0120	EA	Type E.2: F53BB3-BC2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage	182.81	9.21
10 14 23 11-0121	EA	Type H: F04B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage	157.23	8.85
		Note: Accommodates inserts.		
10 14 23 11-0122	EA	Type H: F53B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage	184.86	8.85
		Note: Accommodates inserts.		
10 14 23 11-0123	EA	Inserts for Type H Signage	9.23	
10 14 23 11-0124	EA	Type I: F04B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage	177.95	8.85
		Note: Accommodates inserts.		
10 14 23 11-0125	EA	Type I: F53B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage	219.40	8.85
		Note: Accommodates inserts.		
10 14 23 11-0126	EA	Inserts for Type I Signage	14.42	
10 14 23 11-0127	EA	Type L: Workstation ID, 8.5" x 3.0" Acrylic, Surface Mount Signage	56.14	8.85
		Note: Accommodates inserts.		
10 14 23 11-0128	EA	Inserts for Type L Signage	11.53	

10 14 53 Traffic Signage *(10 14)*

10 14 53 11 Traffic Signage *(10 14 53)*

10 14 53 11-0001		**Traffic Signs** *(10 14 53 11)*		
10 14 53 11-0002		**Reflectorized Stop Signs And Other Traffic Signs** *(10 14 53 11-0001)*		
		Note: Excludes posts.		
10 14 53 11-0003		**Aluminum Engineer Grade Stop Signs** *(10 14 53 11-0002)*		
10 14 53 11-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	53.32	15.93
		For Hi-Intensity Grade, Add	*6.44*	
		For Diamond Grade, Add	*12.23*	
10 14 53 11-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	61.68	16.85
		For Hi-Intensity Grade, Add	*8.42*	
		For Diamond Grade, Add	*15.99*	
10 14 53 11-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	66.76	17.70
		For Hi-Intensity Grade, Add	*12.85*	
		For Diamond Grade, Add	*20.38*	
10 14 53 11-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	77.32	18.63
		For Hi-Intensity Grade, Add	*4.82*	
		For Diamond Grade, Add	*26.10*	
10 14 53 11-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	103.30	19.47
		For Hi-Intensity Grade, Add	*14.16*	
		For Diamond Grade, Add	*44.40*	
10 14 53 11-0009		**Other Reflectorized Traffic Signs** *(10 14 53 11-0002)*		
		Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
10 14 53 11-0010		**Aluminum Engineer Grade Traffic Signs** *(10 14 53 11-0009)*		
10 14 53 11-0011	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	33.64	14.16
		For Hi-Intensity Grade, Add	*1.59*	
10 14 53 11-0012	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	36.30	14.16
		For Hi-Intensity Grade, Add	*2.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0013	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	36.30	14.16
		For Hi-Intensity Grade, Add	*2.39*	
10 14 53 11-0014	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	38.29	14.16
		For Hi-Intensity Grade, Add	*2.99*	
10 14 53 11-0015	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	40.29	14.16
		For Hi-Intensity Grade, Add	*3.59*	
10 14 53 11-0016	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	46.03	15.05
		For Hi-Intensity Grade, Add	*4.78*	
10 14 53 11-0017	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	61.97	15.05
		For Hi-Intensity Grade, Add	*9.56*	
10 14 53 11-0018	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	38.96	14.16
		For Hi-Intensity Grade, Add	*3.19*	
10 14 53 11-0019	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	46.03	15.05
		For Hi-Intensity Grade, Add	*4.78*	
10 14 53 11-0020	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	51.34	15.05
		For Hi-Intensity Grade, Add	*6.38*	
10 14 53 11-0021	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	56.66	15.05
		For Hi-Intensity Grade, Add	*7.97*	
10 14 53 11-0022	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	61.97	15.05
		For Hi-Intensity Grade, Add	*9.56*	
10 14 53 11-0023	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	54.00	15.05
		For Hi-Intensity Grade, Add	*7.17*	
10 14 53 11-0024	EA	18" x 24" Aluminum Engineer Grade Traffic Sign	61.97	15.05
		For Hi-Intensity Grade, Add	*9.56*	
10 14 53 11-0025	EA	18" x 30" Aluminum Engineer Grade Traffic Sign	71.72	15.93
		For Hi-Intensity Grade, Add	*11.96*	
10 14 53 11-0026	EA	18" x 36" Aluminum Engineer Grade Traffic Sign	79.69	15.93
		For Hi-Intensity Grade, Add	*14.35*	
10 14 53 11-0027	EA	18" x 48" Aluminum Engineer Grade Traffic Sign	102.71	19.47
		For Hi-Intensity Grade, Add	*19.13*	
10 14 53 11-0028	EA	18" x 54" Aluminum Engineer Grade Traffic Sign	110.68	19.47
		For Hi-Intensity Grade, Add	*21.52*	
10 14 53 11-0029	EA	24" x 24" Aluminum Engineer Grade Traffic Sign	74.38	15.93
		For Hi-Intensity Grade, Add	*12.75*	
10 14 53 11-0030	EA	24" x 30" Aluminum Engineer Grade Traffic Sign	85.01	15.93
		For Hi-Intensity Grade, Add	*15.94*	
10 14 53 11-0031	EA	24" x 36" Aluminum Engineer Grade Traffic Sign	95.63	15.93
		For Hi-Intensity Grade, Add	*19.13*	
10 14 53 11-0032	EA	24" x 42" Aluminum Engineer Grade Traffic Sign	113.34	19.47
		For Hi-Intensity Grade, Add	*22.32*	
10 14 53 11-0033	EA	24" x 48" Aluminum Engineer Grade Traffic Sign	123.97	19.47
		For Hi-Intensity Grade, Add	*25.51*	
10 14 53 11-0034	EA	24" x 54" Aluminum Engineer Grade Traffic Sign	134.59	19.47
		For Hi-Intensity Grade, Add	*28.69*	
10 14 53 11-0035	EA	24" x 60" Aluminum Engineer Grade Traffic Sign	145.22	19.47
		For Hi-Intensity Grade, Add	*31.88*	
10 14 53 11-0036	EA	30" x 30" Aluminum Engineer Grade Traffic Sign	98.29	15.93
		For Hi-Intensity Grade, Add	*19.93*	
10 14 53 11-0037	EA	30" x 36" Aluminum Engineer Grade Traffic Sign	118.65	19.47
		For Hi-Intensity Grade, Add	*23.91*	
10 14 53 11-0038	EA	30" x 42" Aluminum Engineer Grade Traffic Sign	131.94	19.47
		For Hi-Intensity Grade, Add	*27.90*	
10 14 53 11-0039	EA	30" x 48" Aluminum Engineer Grade Traffic Sign	152.30	23.01
		For Hi-Intensity Grade, Add	*31.88*	
10 14 53 11-0040	EA	30" x 60" Aluminum Engineer Grade Traffic Sign	185.95	26.55
		For Hi-Intensity Grade, Add	*39.85*	
10 14 53 11-0041	EA	36" x 36" Aluminum Engineer Grade Traffic Sign	134.59	19.47
		For Hi-Intensity Grade, Add	*28.69*	
10 14 53 11-0042	EA	36" x 42" Aluminum Engineer Grade Traffic Sign	157.62	23.01
		For Hi-Intensity Grade, Add	*33.48*	
10 14 53 11-0043	EA	36" x 48" Aluminum Engineer Grade Traffic Sign	180.64	26.55
		For Hi-Intensity Grade, Add	*38.26*	
10 14 53 11-0044	EA	36" x 54" Aluminum Engineer Grade Traffic Sign	196.58	26.55
		For Hi-Intensity Grade, Add	*43.04*	
10 14 53 11-0045	EA	36" x 60" Aluminum Engineer Grade Traffic Sign	219.61	30.09
		For Hi-Intensity Grade, Add	*47.82*	
10 14 53 11-0046	EA	36" x 73" Aluminum Engineer Grade Traffic Sign	261.23	33.63
		For Hi-Intensity Grade, Add	*58.19*	
10 14 53 11-0047	EA	36" x 78" Aluminum Engineer Grade Traffic Sign	274.51	33.63
		For Hi-Intensity Grade, Add	*62.17*	
10 14 53 11-0048	EA	36" x 108" Aluminum Engineer Grade Traffic Sign	364.83	38.95
		For Hi-Intensity Grade, Add	*86.08*	
10 14 53 11-0049	EA	42" x 42" Aluminum Engineer Grade Traffic Sign	183.29	26.55
		For Hi-Intensity Grade, Add	*39.05*	
10 14 53 11-0050	EA	48" x 48" Aluminum Engineer Grade Traffic Sign	230.24	30.09
		For Hi-Intensity Grade, Add	*51.01*	
10 14 53 11-0051	EA	48" x 54" Aluminum Engineer Grade Traffic Sign	258.57	33.63
		For Hi-Intensity Grade, Add	*57.39*	
10 14 53 11-0052	EA	48" x 60" Aluminum Engineer Grade Traffic Sign	279.82	33.63
		For Hi-Intensity Grade, Add	*63.76*	
10 14 53 11-0053	EA	48" x 66" Aluminum Engineer Grade Traffic Sign	311.70	38.95
		For Hi-Intensity Grade, Add	*70.14*	
10 14 53 11-0054	EA	48" x 72" Aluminum Engineer Grade Traffic Sign	332.95	38.95
		For Hi-Intensity Grade, Add	*76.52*	
10 14 53 11-0055	EA	48" x 84" Aluminum Engineer Grade Traffic Sign	382.54	42.49
		For Hi-Intensity Grade, Add	*89.27*	
10 14 53 11-0056	EA	48" x 96" Aluminum Engineer Grade Traffic Sign	425.05	42.49
		For Hi-Intensity Grade, Add	*102.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0057	EA	48" x 102" Aluminum Engineer Grade Traffic Sign	446.30	42.49
		For Hi-Intensity Grade, Add	*108.40*	
10 14 53 11-0058	EA	48" x 108" Aluminum Engineer Grade Traffic Sign	471.10	44.26
		For Hi-Intensity Grade, Add	*114.77*	
10 14 53 11-0059	EA	60" x 72" Aluminum Engineer Grade Traffic Sign	403.80	42.49
		For Hi-Intensity Grade, Add	*95.65*	
10 14 53 11-0060	EA	72" x 144" Aluminum Engineer Grade Traffic Sign	878.47	56.65
		For Hi-Intensity Grade, Add	*229.55*	
10 14 53 11-0061	EA	78" x 96" Aluminum Engineer Grade Traffic Sign	641.13	44.26
		For Hi-Intensity Grade, Add	*165.78*	

10 14 53 11-0062 Non-Reflectorized Traffic Signs *(10 14 53 11-0001)*

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 11-0063 Steel Non-Reflectorized Traffic Signs *(10 14 53 11-0062)*

10 14 53 11-0064	EA	6" x 12" Steel Non Reflectorized Traffic Sign	32.92	14.16
10 14 53 11-0065	EA	6" x 18" Steel Non Reflectorized Traffic Sign	35.22	14.16
10 14 53 11-0066	EA	9" x 12" Steel Non Reflectorized Traffic Sign	35.22	14.16
10 14 53 11-0067	EA	9" x 15" Steel Non Reflectorized Traffic Sign	36.94	14.16
10 14 53 11-0068	EA	9" x 18" Steel Non Reflectorized Traffic Sign	38.67	14.16
10 14 53 11-0069	EA	9" x 24" Steel Non Reflectorized Traffic Sign	43.87	15.05
10 14 53 11-0070	EA	9" x 48" Steel Non Reflectorized Traffic Sign	57.65	15.05
10 14 53 11-0071	EA	12" x 12" Steel Non Reflectorized Traffic Sign	37.52	14.16
10 14 53 11-0072	EA	12" x 18" Steel Non Reflectorized Traffic Sign	43.87	15.05
10 14 53 11-0073	EA	12" x 24" Steel Non Reflectorized Traffic Sign	48.46	15.05
10 14 53 11-0074	EA	12" x 30" Steel Non Reflectorized Traffic Sign	53.06	15.05
10 14 53 11-0075	EA	12" x 36" Steel Non Reflectorized Traffic Sign	57.65	15.05
10 14 53 11-0076	EA	18" x 18" Steel Non Reflectorized Traffic Sign	50.76	15.05
10 14 53 11-0077	EA	18" x 24" Steel Non Reflectorized Traffic Sign	57.65	15.05
10 14 53 11-0078	EA	18" x 30" Steel Non Reflectorized Traffic Sign	66.32	15.93
10 14 53 11-0079	EA	18" x 36" Steel Non Reflectorized Traffic Sign	73.21	15.93
10 14 53 11-0080	EA	18" x 48" Steel Non Reflectorized Traffic Sign	94.07	19.47
10 14 53 11-0081	EA	18" x 54" Steel Non Reflectorized Traffic Sign	100.96	19.47
10 14 53 11-0082	EA	24" x 24" Steel Non Reflectorized Traffic Sign	68.62	15.93
10 14 53 11-0083	EA	24" x 30" Steel Non Reflectorized Traffic Sign	77.81	15.93
10 14 53 11-0084	EA	24" x 36" Steel Non Reflectorized Traffic Sign	86.99	15.93
10 14 53 11-0085	EA	24" x 42" Steel Non Reflectorized Traffic Sign	103.26	19.47
10 14 53 11-0086	EA	24" x 48" Steel Non Reflectorized Traffic Sign	112.45	19.47
10 14 53 11-0087	EA	24" x 54" Steel Non Reflectorized Traffic Sign	121.63	19.47
10 14 53 11-0088	EA	24" x 60" Steel Non Reflectorized Traffic Sign	130.82	19.47
10 14 53 11-0089	EA	30" x 30" Steel Non Reflectorized Traffic Sign	89.29	15.93
10 14 53 11-0090	EA	30" x 36" Steel Non Reflectorized Traffic Sign	107.85	19.47
10 14 53 11-0091	EA	30" x 42" Steel Non Reflectorized Traffic Sign	119.34	19.47
10 14 53 11-0092	EA	30" x 48" Steel Non Reflectorized Traffic Sign	137.90	23.01
10 14 53 11-0093	EA	30" x 60" Steel Non Reflectorized Traffic Sign	167.95	26.55
10 14 53 11-0094	EA	36" x 36" Steel Non Reflectorized Traffic Sign	121.63	19.47
10 14 53 11-0095	EA	36" x 42" Steel Non Reflectorized Traffic Sign	142.50	23.01
10 14 53 11-0096	EA	36" x 48" Steel Non Reflectorized Traffic Sign	163.36	26.55
10 14 53 11-0097	EA	36" x 54" Steel Non Reflectorized Traffic Sign	177.14	26.55
10 14 53 11-0098	EA	36" x 60" Steel Non Reflectorized Traffic Sign	198.01	30.09
10 14 53 11-0099	EA	36" x 73" Steel Non Reflectorized Traffic Sign	234.95	33.63
10 14 53 11-0100	EA	36" x 78" Steel Non Reflectorized Traffic Sign	246.43	33.63
10 14 53 11-0101	EA	36" x 108" Steel Non Reflectorized Traffic Sign	325.95	38.95
10 14 53 11-0102	EA	42" x 42" Steel Non Reflectorized Traffic Sign	165.65	26.55
10 14 53 11-0103	EA	48" x 48" Steel Non Reflectorized Traffic Sign	207.20	30.09
10 14 53 11-0104	EA	48" x 54" Steel Non Reflectorized Traffic Sign	232.65	33.63
10 14 53 11-0105	EA	48" x 60" Steel Non Reflectorized Traffic Sign	251.02	33.63
10 14 53 11-0106	EA	48" x 66" Steel Non Reflectorized Traffic Sign	280.02	38.95
10 14 53 11-0107	EA	48" x 72" Steel Non Reflectorized Traffic Sign	298.39	38.95
10 14 53 11-0108	EA	48" x 84" Steel Non Reflectorized Traffic Sign	342.22	42.49
10 14 53 11-0109	EA	48" x 96" Steel Non Reflectorized Traffic Sign	378.97	42.49
10 14 53 11-0110	EA	48" x 102" Steel Non Reflectorized Traffic Sign	397.34	42.49
10 14 53 11-0111	EA	48" x 108" Steel Non Reflectorized Traffic Sign	419.26	44.26
10 14 53 11-0112	EA	60" x 72" Steel Non Reflectorized Traffic Sign	360.60	42.49
10 14 53 11-0113	EA	72" x 144" Steel Non Reflectorized Traffic Sign	774.79	56.65
10 14 53 11-0114	EA	78" x 96" Steel Non Reflectorized Traffic Sign	566.25	44.26

10 14 53 11-0115 Aluminum Non-Reflectorized Traffic Signs *(10 14 53 11-0062)*

10 14 53 11-0116	EA	6" x 12" Aluminum Non Reflectorized Traffic Sign	33.11	14.16
10 14 53 11-0117	EA	6" x 18" Aluminum Non Reflectorized Traffic Sign	35.50	14.16
10 14 53 11-0118	EA	9" x 12" Aluminum Non Reflectorized Traffic Sign	35.50	14.16
10 14 53 11-0119	EA	9" x 15" Aluminum Non Reflectorized Traffic Sign	37.29	14.16
10 14 53 11-0120	EA	9" x 18" Aluminum Non Reflectorized Traffic Sign	39.09	14.16
10 14 53 11-0121	EA	9" x 24" Aluminum Non Reflectorized Traffic Sign	44.43	15.05
10 14 53 11-0122	EA	9" x 48" Aluminum Non Reflectorized Traffic Sign	58.77	15.05
10 14 53 11-0123	EA	12" x 12" Aluminum Non Reflectorized Traffic Sign	37.89	14.16
10 14 53 11-0124	EA	12" x 18" Aluminum Non Reflectorized Traffic Sign	44.43	15.05
10 14 53 11-0125	EA	12" x 24" Aluminum Non Reflectorized Traffic Sign	49.21	15.05
10 14 53 11-0126	EA	12" x 30" Aluminum Non Reflectorized Traffic Sign	53.99	15.05
10 14 53 11-0127	EA	12" x 36" Aluminum Non Reflectorized Traffic Sign	58.77	15.05
10 14 53 11-0128	EA	18" x 18" Aluminum Non Reflectorized Traffic Sign	51.60	15.05
10 14 53 11-0129	EA	18" x 24" Aluminum Non Reflectorized Traffic Sign	58.77	15.05
10 14 53 11-0130	EA	18" x 30" Aluminum Non Reflectorized Traffic Sign	67.73	15.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0131	EA	18" x 36" Aluminum Non Reflectorized Traffic Sign	74.90	15.93
10 14 53 11-0132	EA	18" x 48" Aluminum Non Reflectorized Traffic Sign	96.32	19.47
10 14 53 11-0133	EA	18" x 54" Aluminum Non Reflectorized Traffic Sign	103.49	19.47
10 14 53 11-0134	EA	24" x 24" Aluminum Non Reflectorized Traffic Sign	70.12	15.93
10 14 53 11-0135	EA	24" x 30" Aluminum Non Reflectorized Traffic Sign	79.68	15.93
10 14 53 11-0136	EA	24" x 36" Aluminum Non Reflectorized Traffic Sign	89.24	15.93
10 14 53 11-0137	EA	24" x 42" Aluminum Non Reflectorized Traffic Sign	105.88	19.47
10 14 53 11-0138	EA	24" x 48" Aluminum Non Reflectorized Traffic Sign	115.44	19.47
10 14 53 11-0139	EA	24" x 54" Aluminum Non Reflectorized Traffic Sign	125.00	19.47
10 14 53 11-0140	EA	24" x 60" Aluminum Non Reflectorized Traffic Sign	134.57	19.47
10 14 53 11-0141	EA	30" x 30" Aluminum Non Reflectorized Traffic Sign	91.63	15.93
10 14 53 11-0142	EA	30" x 36" Aluminum Non Reflectorized Traffic Sign	110.66	19.47
10 14 53 11-0143	EA	30" x 42" Aluminum Non Reflectorized Traffic Sign	122.61	19.47
10 14 53 11-0144	EA	30" x 48" Aluminum Non Reflectorized Traffic Sign	141.65	23.01
10 14 53 11-0145	EA	30" x 60" Aluminum Non Reflectorized Traffic Sign	172.63	26.55
10 14 53 11-0146	EA	36" x 36" Aluminum Non Reflectorized Traffic Sign	125.00	19.47
10 14 53 11-0147	EA	36" x 42" Aluminum Non Reflectorized Traffic Sign	146.43	23.01
10 14 53 11-0148	EA	36" x 48" Aluminum Non Reflectorized Traffic Sign	167.85	26.55
10 14 53 11-0149	EA	36" x 54" Aluminum Non Reflectorized Traffic Sign	182.19	26.55
10 14 53 11-0150	EA	36" x 60" Aluminum Non Reflectorized Traffic Sign	203.62	30.09
10 14 53 11-0151	EA	36" x 73" Aluminum Non Reflectorized Traffic Sign	241.78	33.63
10 14 53 11-0152	EA	36" x 78" Aluminum Non Reflectorized Traffic Sign	253.73	33.63
10 14 53 11-0153	EA	36" x 108" Aluminum Non Reflectorized Traffic Sign	336.06	38.95
10 14 53 11-0154	EA	42" x 42" Aluminum Non Reflectorized Traffic Sign	170.24	26.55
10 14 53 11-0155	EA	48" x 48" Aluminum Non Reflectorized Traffic Sign	213.19	30.09
10 14 53 11-0156	EA	48" x 54" Aluminum Non Reflectorized Traffic Sign	239.39	33.63
10 14 53 11-0157	EA	48" x 60" Aluminum Non Reflectorized Traffic Sign	258.51	33.63
10 14 53 11-0158	EA	48" x 66" Aluminum Non Reflectorized Traffic Sign	288.26	38.95
10 14 53 11-0159	EA	48" x 72" Aluminum Non Reflectorized Traffic Sign	307.38	38.95
10 14 53 11-0160	EA	48" x 84" Aluminum Non Reflectorized Traffic Sign	352.70	42.49
10 14 53 11-0161	EA	48" x 96" Aluminum Non Reflectorized Traffic Sign	390.95	42.49
10 14 53 11-0162	EA	48" x 102" Aluminum Non Reflectorized Traffic Sign	410.07	42.49
10 14 53 11-0163	EA	48" x 108" Aluminum Non Reflectorized Traffic Sign	432.74	44.26
10 14 53 11-0164	EA	60" x 72" Aluminum Non Reflectorized Traffic Sign	371.83	42.49
10 14 53 11-0165	EA	72" x 144" Aluminum Non Reflectorized Traffic Sign	801.75	56.65
10 14 53 11-0166	EA	78" x 96" Aluminum Non Reflectorized Traffic Sign	585.72	44.26
10 14 53 11-0167		Aluminum Street Signs *(10 14 53 11-0001)*		
		Note: Excludes posts.		
10 14 53 11-0168		Aluminum Engineer Grade Street Signs *(10 14 53 11-0167)*		
10 14 53 11-0169	EA	6" High, Aluminum Engineer Grade Street Sign	58.10	7.08
10 14 53 11-0170	EA	8" High, Aluminum Engineer Grade Street Sign	65.86	7.08
10 14 53 11-0171	EA	9" High, Aluminum Engineer Grade Street Sign	71.64	7.08
10 14 53 11-0172		Street Sign Accessories *(10 14 53 11-0167)*		
10 14 53 11-0173	EA	Post Cap And Single Bracket For Street Sign	17.65	3.54
10 14 53 11-0174	EA	Post Cap And Double Bracket For Street Sign	17.65	3.54
10 14 53 11-0175		Sign Posts *(10 14 53 11-0001)*		
		Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.		
10 14 53 11-0176		U-Channel Sign Posts *(10 14 53 11-0175)*		
		Note: Excludes digging and concrete.		
10 14 53 11-0177		Baked Enamel U-Channel Sign Posts *(10 14 53 11-0176)*		
10 14 53 11-0178	EA	3' To 4' Baked Enamel U-Channel Sign Post Base	47.24	14.45
10 14 53 11-0179	EA	6' Baked Enamel U-Channel Sign Post	61.92	18.06
10 14 53 11-0180	EA	7' Baked Enamel U-Channel Sign Post	73.94	21.68
10 14 53 11-0181	EA	8' Baked Enamel U-Channel Sign Post	86.57	25.29
10 14 53 11-0182	EA	10' Baked Enamel U-Channel Sign Post	104.48	30.70
10 14 53 11-0183	EA	12' Baked Enamel U-Channel Sign Post	107.42	30.70
10 14 53 11-0184		Galvanized Steel U-Channel Sign Posts *(10 14 53 11-0176)*		
10 14 53 11-0185	EA	3' To 4' Galvanized Steel U-Channel Sign Post Base	51.02	14.45
10 14 53 11-0186	EA	6' Galvanized Steel U-Channel Sign Post	67.92	18.06
10 14 53 11-0187	EA	7' Galvanized Steel U-Channel Sign Post	87.51	21.68
10 14 53 11-0188	EA	8' Galvanized Steel U-Channel Sign Post	101.57	25.29
10 14 53 11-0189	EA	10' Galvanized Steel U-Channel Sign Post	115.40	30.70
10 14 53 11-0190	EA	12' Galvanized Steel U-Channel Sign Post	116.92	30.70
10 14 53 11-0191		Fiberglass Or Composite Plastic U-Channel Sign Posts *(10 14 53 11-0176)*		
10 14 53 11-0192	EA	3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base	46.35	14.45
10 14 53 11-0193	EA	6' Fiberglass Or Composite Plastic U-Channel Sign Post	59.98	18.06
10 14 53 11-0194	EA	7' Fiberglass Or Composite Plastic U-Channel Sign Post	71.60	21.68
10 14 53 11-0195	EA	8' Fiberglass Or Composite Plastic U-Channel Sign Post	83.78	25.29
10 14 53 11-0196	EA	10' Fiberglass Or Composite Plastic U-Channel Sign Post	99.42	30.70
10 14 53 11-0197	EA	12' Fiberglass Or Composite Plastic U-Channel Sign Post	104.42	30.70

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0198		Tubular Sign Posts *(10 14 53 11-0175)* Note: Excludes digging and concrete.		
10 14 53 11-0199		2-3/8" Diameter, Galvanized Steel Tubular Sign Post *(10 14 53 11-0198)*		
10 14 53 11-0200	EA	6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	68.54	18.06
10 14 53 11-0201	EA	7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	81.35	21.68
10 14 53 11-0202	EA	8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	96.07	25.29
10 14 53 11-0203	EA	10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	123.61	30.70
10 14 53 11-0204	EA	12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	133.91	30.70
10 14 53 11-0205		Square Sign Posts *(10 14 53 11-0175)* Note: Excludes digging and concrete.		
10 14 53 11-0206		Galvanized Steel Square Sign Posts *(10 14 53 11-0205)*		
10 14 53 11-0207	EA	3' To 4' Galvanized Steel Square Sign Post Base	51.86	14.45
10 14 53 11-0208	EA	6' Galvanized Steel Square Sign Post	82.13	18.06
10 14 53 11-0209	EA	7' Galvanized Steel Square Sign Post	96.35	21.68
10 14 53 11-0210	EA	8' Galvanized Steel Square Sign Post	112.39	25.29
10 14 53 11-0211	EA	10' Galvanized Steel Square Sign Post	137.23	30.70
10 14 53 11-0212	EA	12' Galvanized Steel Square Sign Post	144.42	30.70
10 14 53 11-0213		Sign Post Accessories *(10 14 53 11-0001)*		
10 14 53 11-0214		Sign Post Brackets *(10 14 53 11-0213)*		
10 14 53 11-0215	EA	2-3/8" Outside Diameter, Single Sign Bracket Set	23.31	5.32
10 14 53 11-0216	EA	2-3/8" Outside Diameter, Double Sign Bracket Set	41.99	8.85
10 14 53 11-0217	EA	10 cm - 37 cm Diameter, Buckle Bracket Set	36.15	7.08
10 14 53 11-0218		Sign Post Caps *(10 14 53 11-0213)*		
10 14 53 11-0219	EA	Traffic Sign Post Cap	12.97	3.54
10 14 53 11-0220		Sign Post Replacement Bolts *(10 14 53 11-0213)*		
10 14 53 11-0221	EA	Signage Fasteners, 2 Bolts, 2 Nuts And 4 Washers	9.07	
10 14 53 11-0222		Removal Of Signs *(10 14 53 11)* Note: Includes structural supports.		
10 14 53 11-0223	EA	>4 To 10 SF Sign Area, Sign Removal	141.64	
10 14 53 11-0224	EA	>10 To 20 SF Sign Area, Sign Removal	339.93	
10 14 53 11-0225	EA	>20 To 40 SF Sign Area, Sign Removal	509.89	
10 14 53 11-0226	EA	>40 To 100 SF Sign Area, Sign Removal	827.60	
10 14 53 11-0227		Remove And Reinstall Signs *(10 14 53 11)* Note: Includes structural supports.		
10 14 53 11-0228	EA	>4 To 10 SF Sign Area, Removal And Reinstallation Of Sign	215.75	
10 14 53 11-0229	EA	>10 To 20 SF Sign Area, Removal And Reinstallation Of Sign	512.24	
10 14 53 11-0230	EA	>20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign	766.83	
10 14 53 11-0231	EA	>40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign	1,243.27	
10 14 53 11-0232	EA	Removal And Reinstallation Of Street Sign On Post	81.44	
10 14 53 11-0233	EA	Removal And Relocation Of Traffic Light Note: Excludes electrical hookup.	291.90	
10 14 56		**Bridge Signage** *(10 14)*		
10 14 56 00-0001		Bridge And Truss Mounted Signs *(10 14 56)*		
10 14 56 00-0002		Removal Of Bridge And Truss Mounted Signs *(10 14 56 00-0001)*		
10 14 56 00-0003	CF	Removal Of Foundation, Including Excavation	13.27	
10 14 56 00-0004	LF	Removal Of Truss And Supports	182.76	
10 14 56 00-0005	SF	Removal Of Sign Face	8.36	
10 14 56 00-0006	SF	Removal Of Legend	13.92	
10 14 56 00-0007	EA	Removal Of Changeable Message Panel	160.67	
10 14 56 00-0008	EA	Removal Of Posts And Supports, Per Post	83.55	
10 14 56 00-0009		Fabricate And Install New Reflective Messages On Sign Face *(10 14 56 00-0001)*		
10 14 56 00-0010		One Color/3 Dimensional Demountable Letters *(10 14 56 00-0009)*		
10 14 56 00-0011	EA	6" Capital Height Letter	22.32	
10 14 56 00-0012	EA	8" Capital Height Letter	26.20	
10 14 56 00-0013	EA	10" Capital Height Letter	30.05	
10 14 56 00-0014	EA	12" Capital Height Letter	33.50	
10 14 56 00-0015	EA	14" Capital Height Letter	35.34	
10 14 56 00-0016		Two Color Legend Shields-Die Cut Vinyl Engineer Grade *(10 14 56 00-0009)*		
10 14 56 00-0017	EA	6" Legend/Shields	22.94	
10 14 56 00-0018	EA	8" Legend/Shields	27.02	
10 14 56 00-0019	EA	10" Legend/Shields	31.08	
10 14 56 00-0020	EA	12" Legend/Shields	34.74	

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 56 00-0021		EA	14" Legend/Shields	36.80	

10 20 Interior Specialties *(10)*

10 21 Compartments And Cubicles *(10 20)*

10 21 13 Toilet Compartments *(10 21)*

10 21 13 13 Metal Toilet Compartments *(10 21 13)*

10 21 13 13-0001 Enamel Coated Steel Toilet Partitions And Urinal Screens *(10 21 13 13)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.

10 21 13 13-0002 Enamel Coated Steel Toilet Partitions *(10 21 13 13-0001)*

Note: All colors.

10 21 13 13-0003 Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*

10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	802.61	109.72
		For >10, Deduct	*-58.32*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 13-0005	EA	60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	967.56	119.47
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,032.60	124.35
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 13-0007 Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*

Note: Includes headrail.

10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	840.28	134.10
		For >10, Deduct	*-57.21*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	973.37	143.86
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,028.16	148.73
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 13-0011 Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*

Note: Excludes above ceiling steel.

10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	991.82	158.47
		For >10, Deduct	*-67.49*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,152.46	168.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,209.63	173.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 13-0015 Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions *(10 21 13 13-0002)*

Note: Excludes above ceiling steel.

10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	965.52	182.86
		For >10, Deduct	*-59.98*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,152.62	192.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,216.07	197.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 13-0019 Enamel Coated Steel Urinal Screens *(10 21 13 13-0001)*

Note: All colors.

10 21 13 13-0020 Floor Anchored, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*

10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	427.37	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	473.16	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	520.29	77.99
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 13-0024 Wall Hung, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	247.20	58.50
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	266.66	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	281.93	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 13-0028 Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*

10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen	316.46	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 13-0030 Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*

10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	352.53	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	376.13	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	399.73	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 13-0034 Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens *(10 21 13 13-0019)*

10 21 13 13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	396.90	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	426.05	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	470.43	77.99
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 13-0038 Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters *(10 21 13 13-0001)*

Note: All colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 13-0039 Enamel Coated Steel, Toilet Partition Doors *(10 21 13 13-0038)*

10 21 13 13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	249.56	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	255.10	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	270.50	20.96
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	295.43	20.96
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	300.97	20.96
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	

10 21 13 13-0045 Enamel Coated Steel, Toilet Partition Panels *(10 21 13 13-0038)*

10 21 13 13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	183.19	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	201.92	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	220.64	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	239.37	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	258.10	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	276.82	41.45
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	294.16	43.89
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	312.90	46.32
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	326.08	48.77
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	333.57	49.74
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	343.42	51.20
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	374.62	53.64
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	401.66	56.08
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 13-0059 70" Long, Enamel Coated Steel, Toilet Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	137.31	14.63
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	151.88	17.06
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	167.83	19.51
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	194.88	21.94
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	220.53	24.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	246.18	26.82
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	316.17	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	362.60	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	389.64	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 13-0069 82" Long, Enamel Coated Steel, Toilet Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	110.99	14.63
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0071	EA	5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	121.41	17.06
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0072	EA	6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	133.20	19.51
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0073	EA	8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	150.55	21.94
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0074	EA	10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	166.51	24.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0075	EA	12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	183.85	26.82
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0076	EA	18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	226.13	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0077	EA	22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	254.56	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0078	EA	24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	271.89	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 13-0079 96" To 120" Long, Enamel Coated Steel, Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0080	EA	Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	153.98	19.51
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0081	EA	5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	168.56	21.94
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0082	EA	6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	184.52	24.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0083	EA	8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	211.55	26.82
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0084	EA	10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	237.21	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0085	EA	12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	262.87	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0086	EA	18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	332.84	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0087	EA	22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	379.28	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 13-0088	EA	24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	406.31	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 14 Stainless-Steel Toilet Compartments *(10 21 13)*

10 21 13 14-0001 Stainless Steel Toilet Partitions And Urinal Screens *(10 21 13 14)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.

10 21 13 14-0002 Stainless Steel Toilet Partitions *(10 21 13 14-0001)*

10 21 13 14-0003 Floor Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

10 21 13 14-0004	EA	36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,801.82	109.72
		For >10, Deduct	*-158.24*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*553.83*	
10 21 13 14-0005	EA	60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,172.26	119.47
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*676.66*	
10 21 13 14-0006	EA	60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,275.01	124.35
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*709.21*	

10 21 13 14-0007 Overhead Braced, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Includes headrail.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0008	EA	36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	1,536.15	134.10
		For >10, Deduct	*-126.80*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*443.79*	
10 21 13 14-0009	EA	60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,864.88	143.86
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*552.01*	
10 21 13 14-0010	EA	60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,030.10	148.73
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*606.43*	

10 21 13 14-0011 Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0012	EA	36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,120.78	158.47
		For >10, Deduct	*-180.38*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*631.34*	
10 21 13 14-0013	EA	60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,274.18	168.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*678.20*	
10 21 13 14-0014	EA	60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,379.89	173.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*711.78*	

10 21 13 14-0015 Ceiling Hung, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0016	EA	36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,129.24	182.86
		For >10, Deduct	*-176.35*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*617.23*	
10 21 13 14-0017	EA	60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,583.94	192.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*769.55*	
10 21 13 14-0018	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,715.79	197.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For Diamond Pattern Finish, Add	*812.28*	

10 21 13 14-0019 Stainless Steel Urinal Screens *(10 21 13 14-0001)*

10 21 13 14-0020 Floor Anchored, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0021	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	602.98	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*163.28*	
10 21 13 14-0022	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	681.49	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*187.33*	
10 21 13 14-0023	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	696.86	77.99
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*189.31*	

10 21 13 14-0024 Wall Hung, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0025	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	447.94	58.50
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*115.83*	
10 21 13 14-0026	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	484.73	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*125.29*	
10 21 13 14-0027	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	528.93	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*137.36*	

10 21 13 14-0028 Wall Hung And Post Supported, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0029	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	719.02	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*207.30*	
10 21 13 14-0030	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	754.09	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*216.16*	
10 21 13 14-0031	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	789.00	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*224.97*	

10 21 13 14-0032 Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0033	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	602.98	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*163.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0034	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	681.48	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*187.33*	
10 21 13 14-0035	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	763.20	77.99
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*212.52*	

10 21 13 14-0036 Stainless Steel Toilet Partition Doors, Panels And Pilasters *(10 21 13 14-0001)*

See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 14-0037 Stainless Steel, Toilet Partition Doors *(10 21 13 14-0036)*

10 21 13 14-0038	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door	391.90	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For Diamond Pattern Finish, Add	*123.51*	
10 21 13 14-0039	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door	447.64	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For Diamond Pattern Finish, Add	*143.02*	
10 21 13 14-0040	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door	460.24	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For Diamond Pattern Finish, Add	*145.72*	
10 21 13 14-0041	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	476.33	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For Diamond Pattern Finish, Add	*151.35*	
10 21 13 14-0042	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	480.80	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For Diamond Pattern Finish, Add	*152.92*	

10 21 13 14-0043 Stainless Steel, Toilet Partition Panels *(10 21 13 14-0036)*

10 21 13 14-0044	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel	341.69	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*99.11*	
10 21 13 14-0045	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel	379.27	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*110.55*	
10 21 13 14-0046	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel	395.45	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*114.51*	
10 21 13 14-0047	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Panel	413.78	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*119.22*	
10 21 13 14-0048	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Panel	444.05	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*128.11*	
10 21 13 14-0049	EA	36" x 58" x 1", Stainless Steel, Toilet Partition Panel	479.16	41.45
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*138.69*	
10 21 13 14-0050	EA	42" x 58" x 1", Stainless Steel, Toilet Partition Panel	559.46	43.89
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*165.09*	
10 21 13 14-0051	EA	48" x 58" x 1", Stainless Steel, Toilet Partition Panel	612.14	46.32
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*181.82*	
10 21 13 14-0052	EA	55" x 58" x 1", Stainless Steel, Toilet Partition Panel	628.33	48.77
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*185.78*	
10 21 13 14-0053	EA	58" x 58" x 1", Stainless Steel, Toilet Partition Panel	659.21	49.74
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*195.91*	
10 21 13 14-0054	EA	60" x 58" x 1", Stainless Steel, Toilet Partition Panel	699.88	51.20
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*209.12*	
10 21 13 14-0055	EA	70" x 58" x 1", Stainless Steel, Toilet Partition Panel	733.32	53.64
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*219.11*	
10 21 13 14-0056	EA	78" x 58" x 1", Stainless Steel, Toilet Partition Panel	803.97	56.08
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*242.14*	

10 21 13 14-0057 70" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0058	EA	Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	235.55	14.63
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*72.20*	
10 21 13 14-0059	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	256.78	17.06
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*77.92*	
10 21 13 14-0060	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	279.26	19.51
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*84.09*	
10 21 13 14-0061	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	318.10	21.94
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*95.97*	
10 21 13 14-0062	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	356.94	24.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*107.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0063	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	395.78	26.82
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*119.75*	
10 21 13 14-0064	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	501.28	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*154.97*	
10 21 13 14-0065	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	574.09	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*178.74*	
10 21 13 14-0066	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	612.92	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*190.63*	

10 21 13 14-0067 82" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0068	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	180.88	14.63
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*53.07*	
10 21 13 14-0069	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	196.14	17.06
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*56.70*	
10 21 13 14-0070	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	211.91	19.51
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*60.52*	
10 21 13 14-0071	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	274.34	21.94
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*80.66*	
10 21 13 14-0072	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	309.55	24.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*91.27*	
10 21 13 14-0073	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	320.71	26.82
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*93.47*	
10 21 13 14-0074	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	363.13	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*106.61*	
10 21 13 14-0075	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	409.31	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*121.07*	
10 21 13 14-0076	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	434.66	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*128.24*	

10 21 13 14-0077 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0078	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	259.13	19.51
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*77.04*	
10 21 13 14-0079	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	284.14	21.94
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*84.09*	
10 21 13 14-0080	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	307.89	24.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*90.69*	
10 21 13 14-0081	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	353.01	26.82
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*104.78*	
10 21 13 14-0082	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	396.88	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*118.43*	
10 21 13 14-0083	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	440.76	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*132.08*	
10 21 13 14-0084	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	565.12	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*173.90*	
10 21 13 14-0085	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	647.99	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*201.19*	
10 21 13 14-0086	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	693.11	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Diamond Pattern Finish, Add	*215.28*	

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments *(10 21 13)*

10 21 13 16-0001 Laminated Plastic Toilet Partitions And Urinal Screens *(10 21 13 16)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.

10 21 13 16-0002 Laminated Plastic Toilet Partitions *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

10 21 13 16-0003 Floor Anchored, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0004	EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,108.84	109.72
		For >10, Deduct	*-88.94*	
		For Cast Stainless Steel Hardware, Add	*146.51*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 16-0005	EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,356.06	119.47
		For Cast Stainless Steel Hardware, Add	*146.52*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,459.34	124.35
		For Cast Stainless Steel Hardware, Add	*146.53*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 16-0007 Overhead Braced, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Includes headrail.

10 21 13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,201.02	134.10
		For >10, Deduct	*-93.28*	
		For Cast Stainless Steel Hardware, Add	*146.54*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,459.09	143.86
		For Cast Stainless Steel Hardware, Add	*146.55*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,570.50	148.73
		For Cast Stainless Steel Hardware, Add	*146.55*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 16-0011 Ceiling Hung, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

Note: Excludes above ceiling steel.

10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,605.98	182.86
		For >10, Deduct	*-124.03*	
		For Cast Stainless Steel Hardware, Add	*146.59*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,872.40	192.61
		For Cast Stainless Steel Hardware, Add	*146.60*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,975.68	197.49
		For Cast Stainless Steel Hardware, Add	*146.61*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 16-0015 Laminated Plastic Urinal Screens *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

10 21 13 16-0016 Floor Anchored, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	468.19	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	510.49	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	526.61	77.99
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 16-0020 Wall Hung, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	363.88	58.50
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	382.94	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	401.13	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 16-0024 Wall Hung And Post Supported, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	482.39	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	529.23	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	579.99	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 16-0028 Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens *(10 21 13 16-0015)*

10 21 13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	445.46	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	488.67	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	504.28	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 16-0032 Laminated Plastic Toilet Partition Doors, Panels And Pilasters *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 21 13 16-0033 Laminated Plastic, Toilet Partition Doors *(10 21 13 16-0032)*

10 21 13 16-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door	367.81	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 16-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door	399.76	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 16-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door	413.36	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 16-0037	EA	34" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door	423.23	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 16-0038	EA	36" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door	432.53	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	

10 21 13 16-0039 Laminated Plastic, Toilet Partition Panels *(10 21 13 16-0032)*

10 21 13 16-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel	188.02	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel	207.96	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel	227.89	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel	248.59	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel	267.75	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel	288.54	41.45
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel	295.18	43.89
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel	302.94	46.32
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel	318.88	48.77
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel	332.12	49.74
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel	346.97	51.20
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel	395.42	53.64
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 16-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel	450.25	56.08
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 16-0053 69" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	153.00	14.63
		For 1-1/4" Pilaster, Add	*10.21*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*123.74*	
10 21 13 16-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	176.47	17.06
		For 1-1/4" Pilaster, Add	*11.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*142.33*	
10 21 13 16-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	181.34	19.51
		For 1-1/4" Pilaster, Add	*11.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*142.33*	
10 21 13 16-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	200.16	21.94
		For 1-1/4" Pilaster, Add	*12.89*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*156.27*	
10 21 13 16-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	209.11	24.38
		For 1-1/4" Pilaster, Add	*13.23*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*160.34*	
10 21 13 16-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	227.34	26.82
		For 1-1/4" Pilaster, Add	*14.33*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*173.70*	
10 21 13 16-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	289.15	29.26
		For 1-1/4" Pilaster, Add	*19.03*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*230.63*	
10 21 13 16-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	349.80	31.69
		For 1-1/4" Pilaster, Add	*23.63*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*286.40*	
10 21 13 16-0062	EA	24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	392.43	34.14
		For 1-1/4" Pilaster, Add	*26.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*324.16*	

10 21 13 16-0063 83" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	299.39	14.63
		For 1-1/4" Pilaster, Add	*22.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*270.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0065	EA	5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	330.99	17.06
		For 1-1/4" Pilaster, Add	*24.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*296.85*	
10 21 13 16-0066	EA	6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	335.86	19.51
		For 1-1/4" Pilaster, Add	*24.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*296.85*	
10 21 13 16-0067	EA	8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	363.40	21.94
		For 1-1/4" Pilaster, Add	*26.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*319.51*	
10 21 13 16-0068	EA	10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	396.74	24.38
		For 1-1/4" Pilaster, Add	*28.71*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*347.97*	
10 21 13 16-0069	EA	12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	423.69	26.82
		For 1-1/4" Pilaster, Add	*30.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*370.05*	
10 21 13 16-0070	EA	18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	527.05	29.26
		For 1-1/4" Pilaster, Add	*38.65*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*468.53*	
10 21 13 16-0071	EA	22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	600.17	31.69
		For 1-1/4" Pilaster, Add	*44.28*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*536.77*	
10 21 13 16-0072	EA	24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	616.08	34.14
		For 1-1/4" Pilaster, Add	*45.19*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For Steel Core Pilaster, Add	*547.81*	

10 21 13 19 Plastic Toilet Compartments *(10 21 13)*

10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Includes headrail.

10 21 13 19-0004	EA	36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,335.06	134.10
		For >10, Deduct	*-106.69*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*661.46*	
10 21 13 19-0005	EA	60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,635.54	143.86
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*835.66*	
10 21 13 19-0006	EA	60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,808.38	148.73
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*936.78*	

10 21 13 19-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0008	EA	36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,343.41	158.47
		For >10, Deduct	*-102.65*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*636.40*	
10 21 13 19-0009	EA	60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,670.00	168.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*826.79*	
10 21 13 19-0010	EA	60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,842.83	173.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*927.90*	

10 21 13 19-0011 Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0012	EA	36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,415.46	182.86
		For >10, Deduct	*-104.97*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*650.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0013	EA	60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,670.19	192.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*796.68*	
10 21 13 19-0014	EA	60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,843.04	197.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*897.80*	

10 21 13 19-0015 Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0016 Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0017	EA	18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	321.37	58.50
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*126.72*	
10 21 13 19-0018	EA	24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	339.18	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*131.71*	

10 21 13 19-0019 Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0020	EA	18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	404.55	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*172.24*	
10 21 13 19-0021	EA	24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	506.89	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*229.65*	
10 21 13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	562.24	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*257.92*	

10 21 13 19-0023 Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0015)*

10 21 13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	414.30	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*172.24*	
10 21 13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	516.64	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*229.65*	
10 21 13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	609.80	77.99
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*281.36*	

10 21 13 19-0027 Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 19-0028 Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0027)*

10 21 13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	313.61	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*170.25*	
10 21 13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	338.60	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*185.75*	
10 21 13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	368.29	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*201.13*	
10 21 13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	418.86	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*232.48*	
10 21 13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	430.83	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*239.90*	

10 21 13 19-0034 Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0027)*

10 21 13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	119.39	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*37.74*	
10 21 13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	185.13	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*75.47*	
10 21 13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	250.86	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*113.21*	
10 21 13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	291.64	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*135.46*	
10 21 13 19-0039	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	351.13	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*169.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0040	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	375.11	41.45
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*181.18*	
10 21 13 19-0041	EA	42" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	420.13	43.89
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*206.06*	
10 21 13 19-0042	EA	48" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	472.48	46.32
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*235.49*	
10 21 13 19-0043	EA	55" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	515.36	48.77
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*259.06*	
10 21 13 19-0044	EA	58" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	526.52	49.74
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*264.77*	
10 21 13 19-0045	EA	60" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	544.18	51.20
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*273.90*	
10 21 13 19-0046	EA	70" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	613.50	53.64
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*313.86*	
10 21 13 19-0047	EA	78" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel	660.57	56.08
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*340.02*	

10 21 13 19-0048 82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

10 21 13 19-0049	EA	Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	146.51	14.63
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*72.70*	
10 21 13 19-0050	EA	5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	163.14	17.06
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*79.98*	
10 21 13 19-0051	EA	6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	177.71	19.51
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*85.99*	
10 21 13 19-0052	EA	8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	191.26	21.94
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*91.37*	
10 21 13 19-0053	EA	10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	214.65	24.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*102.85*	
10 21 13 19-0054	EA	12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	238.02	26.82
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*114.32*	
10 21 13 19-0055	EA	18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	324.11	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*164.67*	
10 21 13 19-0056	EA	22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	365.92	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*187.56*	
10 21 13 19-0057	EA	24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	398.29	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*204.61*	

10 21 13 19-0058 96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0027)*

10 21 13 19-0059	EA	Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	179.44	19.51
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*87.07*	
10 21 13 19-0060	EA	5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	197.69	21.94
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*95.36*	
10 21 13 19-0061	EA	6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	217.82	24.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*104.81*	
10 21 13 19-0062	EA	8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	246.52	26.82
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*119.59*	
10 21 13 19-0063	EA	10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	275.49	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*134.52*	
10 21 13 19-0064	EA	12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	304.20	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*149.30*	
10 21 13 19-0065	EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	387.62	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*198.00*	
10 21 13 19-0066	EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	433.15	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*223.20*	
10 21 13 19-0067	EA	24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	470.74	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*243.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0068		Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0069		Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0068)* Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0070		Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)* Note: Includes headrail.		
10 21 13 19-0071	EA	36" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,708.46	134.10
		For >10, Deduct	*-144.03*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*892.97*	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,107.30	143.86
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*1,128.15*	
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,337.21	148.73
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*1,264.65*	
10 21 13 19-0074		Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)* Note: Excludes above ceiling steel.		
10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,702.67	158.47
		For >10, Deduct	*-138.57*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*859.14*	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,136.73	168.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*1,116.16*	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,366.64	173.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*1,252.66*	
10 21 13 19-0078		Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)* Note: Excludes above ceiling steel.		
10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,782.87	182.86
		For >10, Deduct	*-141.71*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*878.63*	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,119.93	192.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*1,075.52*	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,349.85	197.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*1,212.02*	
10 21 13 19-0082		Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0068)* Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0083		Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	392.90	58.50
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*171.06*	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	410.91	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*176.18*	
10 21 13 19-0086		Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*		
10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	626.77	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*310.02*	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	711.73	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*356.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0089	EA	30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	758.89	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*379.84*	

10 21 13 19-0090 Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

10 21 13 19-0091	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	511.52	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*232.52*	
10 21 13 19-0092	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	646.27	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*310.02*	
10 21 13 19-0093	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	768.64	77.99
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*379.84*	

10 21 13 19-0094 Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0095 Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors *(10 21 13 19-0094)*

10 21 13 19-0096	EA	24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	409.72	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*229.84*	
10 21 13 19-0097	EA	26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	443.47	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*250.77*	
10 21 13 19-0098	EA	30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door	481.83	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*271.52*	
10 21 13 19-0099	EA	34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	550.11	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*313.86*	
10 21 13 19-0100	EA	36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	566.26	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*323.87*	

10 21 13 19-0101 Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels *(10 21 13 19-0094)*

10 21 13 19-0102	EA	6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	140.68	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*50.94*	
10 21 13 19-0103	EA	12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	227.74	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*101.89*	
10 21 13 19-0104	EA	18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	314.77	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*152.83*	
10 21 13 19-0105	EA	24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	368.10	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*182.87*	
10 21 13 19-0106	EA	30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	446.71	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*228.59*	
10 21 13 19-0107	EA	36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	477.38	41.45
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*244.58*	
10 21 13 19-0108	EA	42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	536.45	43.89
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*278.18*	
10 21 13 19-0109	EA	48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	605.43	46.32
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*317.92*	
10 21 13 19-0110	EA	55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	661.61	48.77
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*349.74*	
10 21 13 19-0111	EA	58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	675.99	49.74
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*357.44*	
10 21 13 19-0112	EA	60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	698.79	51.20
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*369.76*	
10 21 13 19-0113	EA	70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	790.69	53.64
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*423.71*	
10 21 13 19-0114	EA	78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel	852.51	56.08
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*459.02*	

10 21 13 19-0115 82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0116	EA	Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	187.54	14.63
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*98.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0117	EA	5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	208.29	17.06
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*107.97*	
10 21 13 19-0118	EA	6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	226.25	19.51
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*116.09*	
10 21 13 19-0119	EA	8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	260.93	21.94
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*134.56*	
10 21 13 19-0120	EA	10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	293.08	24.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*151.47*	
10 21 13 19-0121	EA	12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	325.18	26.82
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*168.35*	
10 21 13 19-0122	EA	18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	417.07	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*222.30*	
10 21 13 19-0123	EA	22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	471.81	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*253.21*	
10 21 13 19-0124	EA	24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	513.80	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*276.23*	

10 21 13 19-0125 96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0126	EA	Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	228.59	19.51
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*117.54*	
10 21 13 19-0127	EA	5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	251.52	21.94
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*128.73*	
10 21 13 19-0128	EA	6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	277.00	24.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*141.50*	
10 21 13 19-0129	EA	8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	314.03	26.82
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*161.44*	
10 21 13 19-0130	EA	10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	351.44	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*181.61*	
10 21 13 19-0131	EA	12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	388.47	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*201.54*	
10 21 13 19-0132	EA	18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	499.40	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*267.30*	
10 21 13 19-0133	EA	22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	559.14	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*301.31*	
10 21 13 19-0134	EA	24 x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	608.19	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*328.71*	

10 21 13 19-0135 Solid Phenolic Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.

10 21 13 19-0136 Solid Phenolic Toilet Partitions *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0137 Floor Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

10 21 13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,682.79	109.72
		For >10, Deduct	*-146.34*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*318.28*	
10 21 13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,067.10	119.47
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*395.86*	
10 21 13 19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,308.07	124.35
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*444.90*	

10 21 13 19-0141 Overhead Braced, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Includes headrail.

10 21 13 19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,868.34	134.10
		For >10, Deduct	*-160.02*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*349.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,267.93	143.86
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*430.23*	
10 21 13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,520.53	148.73
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*481.72*	

10 21 13 19-0145 Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,929.61	158.47
		For >10, Deduct	*-161.27*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*354.50*	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,326.37	168.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*434.70*	
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,567.33	173.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*483.74*	

10 21 13 19-0149 Ceiling Hung, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	1,903.74	182.86
		For >10, Deduct	*-153.80*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*341.27*	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,287.77	192.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*418.80*	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,528.74	197.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
		For NFPA Class A, Add	*467.84*	

10 21 13 19-0153 Solid Phenolic Urinal Screens *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0154 Floor Anchored, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	613.43	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*106.98*	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	693.47	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*122.23*	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	831.61	77.99
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*149.68*	

10 21 13 19-0158 Wall Hung, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	392.35	58.50
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*63.68*	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	454.38	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*75.14*	
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	546.11	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*92.84*	

10 21 13 19-0162 Wall Hung And Post Supported, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	398.52	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*63.41*	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	498.85	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*82.92*	
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	583.10	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*99.05*	

10 21 13 19-0166 Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	631.17	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*112.27*	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	711.70	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*127.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	852.46	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*155.62*	

10 21 13 19-0170 Solid Phenolic Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 19-0171 Solid Phenolic, Toilet Partition Doors *(10 21 13 19-0170)*

10 21 13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	456.11	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*89.54*	
10 21 13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	471.80	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*92.84*	
10 21 13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	516.93	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*101.53*	
10 21 13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	557.82	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*110.12*	
10 21 13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	599.84	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
		For NFPA Class A, Add	*118.94*	

10 21 13 19-0177 Solid Phenolic, Toilet Partition Panels *(10 21 13 19-0170)*

10 21 13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	145.45	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*21.18*	
10 21 13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	193.76	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*30.55*	
10 21 13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	263.79	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*44.47*	
10 21 13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	334.57	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*58.56*	
10 21 13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	373.04	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*65.86*	
10 21 13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	413.44	41.45
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*73.56*	
10 21 13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	482.36	43.89
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*87.25*	
10 21 13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	553.32	46.32
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*101.37*	
10 21 13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	590.14	48.77
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*108.33*	
10 21 13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	606.62	49.74
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*111.48*	
10 21 13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	618.26	51.20
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*113.45*	
10 21 13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	711.44	53.64
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*132.24*	
10 21 13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	859.22	56.08
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*162.49*	

10 21 13 19-0191 69" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	216.90	14.63
		For 1" Pilaster, Add	*23.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*40.87*	
10 21 13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	249.66	17.06
		For 1" Pilaster, Add	*26.94*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*46.97*	
10 21 13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	254.53	19.51
		For 1" Pilaster, Add	*26.94*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*47.21*	
10 21 13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	294.85	21.94
		For 1" Pilaster, Add	*31.37*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*54.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0196	EA	10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	331.68	24.38
		For 1" Pilaster, Add	*35.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*61.85*	
10 21 13 19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	368.50	26.82
		For 1" Pilaster, Add	*39.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*68.80*	
10 21 13 19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	471.56	29.26
		For 1" Pilaster, Add	*51.63*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*89.66*	
10 21 13 19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	579.26	31.69
		For 1" Pilaster, Add	*64.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*111.50*	
10 21 13 19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	608.53	34.14
		For 1" Pilaster, Add	*67.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*116.87*	

10 21 13 19-0201 83" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	237.81	14.63
		For 1" Pilaster, Add	*26.07*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*45.26*	
10 21 13 19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	278.71	17.06
		For 1" Pilaster, Add	*30.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*53.07*	
10 21 13 19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	283.58	19.51
		For 1" Pilaster, Add	*30.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*53.31*	
10 21 13 19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	328.54	21.94
		For 1" Pilaster, Add	*35.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*61.97*	
10 21 13 19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	371.18	24.38
		For 1" Pilaster, Add	*40.30*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*70.14*	
10 21 13 19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	414.12	26.82
		For 1" Pilaster, Add	*45.06*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*78.38*	
10 21 13 19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	539.53	29.26
		For 1" Pilaster, Add	*60.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*103.94*	
10 21 13 19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	642.88	31.69
		For 1" Pilaster, Add	*72.44*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*124.86*	
10 21 13 19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	676.22	34.14
		For 1" Pilaster, Add	*75.99*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*131.08*	

10 21 13 19-0211 96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters *(10 21 13 19-0170)*

10 21 13 19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	268.48	19.51
		For 1" Pilaster, Add	*28.68*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*50.14*	
10 21 13 19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	317.51	21.94
		For 1" Pilaster, Add	*34.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*59.65*	
10 21 13 19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	322.39	24.38
		For 1" Pilaster, Add	*34.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*59.90*	
10 21 13 19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	371.99	26.82
		For 1" Pilaster, Add	*39.79*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*69.54*	
10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	420.44	29.26
		For 1" Pilaster, Add	*45.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*78.93*	
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	469.47	31.69
		For 1" Pilaster, Add	*50.76*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*88.44*	
10 21 13 19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	617.24	34.14
		For 1" Pilaster, Add	*68.62*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*118.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	716.23	36.57
		For 1" Pilaster, Add	*80.39*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*138.70*	
10 21 13 19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	753.64	39.01
		For 1" Pilaster, Add	*84.45*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
		For NFPA Class A, Add	*145.78*	

10 21 13 19-0221 Solid Color Reinforced Composite Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.

10 21 13 19-0222 Solid Color Reinforced Composite Toilet Partitions *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0223 Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

10 21 13 19-0224	EA	36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	1,858.39	109.72
		For >10, Deduct	*-163.90*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0225	EA	60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,286.48	119.47
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0226	EA	60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,555.19	124.35
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 19-0227 Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Includes headrail.

10 21 13 19-0228	EA	36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,060.35	134.10
		For >10, Deduct	*-179.22*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0229	EA	60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,505.56	143.86
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0230	EA	60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,787.30	148.73
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 19-0231 Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,123.13	158.47
		For >10, Deduct	*-180.62*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,565.16	168.23
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,833.86	173.10
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 19-0235 Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions *(10 21 13 19-0222)*

Note: Excludes above ceiling steel.

10 21 13 19-0236	EA	36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,088.30	182.86
		For >10, Deduct	*-172.26*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0237	EA	60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,516.08	192.61
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0238	EA	60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,784.79	197.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	

10 21 13 19-0239 Solid Color Reinforced Composite Urinal Screens *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0240 Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0241	EA	24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	670.66	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	759.14	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	912.68	77.99
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 19-0244 Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	425.39	58.50
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	493.70	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	595.27	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 19-0248 Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	431.13	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	542.33	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	635.52	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 19-0252 Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens *(10 21 13 19-0239)*

10 21 13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	691.70	63.38
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0254	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	780.72	68.25
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0255	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen	937.21	73.13
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 19-0256 Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0221)*

Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.

10 21 13 19-0257 Solid Color Reinforced Composite, Toilet Partition Doors *(10 21 13 19-0256)*

10 21 13 19-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	506.17	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 19-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	523.73	19.51
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 19-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	573.69	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 19-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	619.49	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 19-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door	666.55	21.94
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	

10 21 13 19-0263 Solid Color Reinforced Composite, Toilet Partition Panels *(10 21 13 19-0256)*

10 21 13 19-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	155.88	29.26
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	209.40	31.69
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	287.25	34.14
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	365.94	36.57
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	408.44	39.01
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	453.10	41.45
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	529.71	43.89
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	608.60	46.32
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	649.26	48.77
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	667.48	49.74
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	680.16	51.20
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	783.94	53.64
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel	948.87	56.08
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 19-0277 69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	239.42	14.63
		For 1" Pilaster, Add	*26.27*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	275.53	17.06
		For 1" Pilaster, Add	*30.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	280.40	19.51
		For 1" Pilaster, Add	*30.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	324.96	21.94
		For 1" Pilaster, Add	*35.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	365.63	24.38
		For 1" Pilaster, Add	*39.61*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	406.28	26.82
		For 1" Pilaster, Add	*44.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	521.12	29.26
		For 1" Pilaster, Add	*57.83*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	641.16	31.69
		For 1" Pilaster, Add	*72.22*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	673.36	34.14
		For 1" Pilaster, Add	*75.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 19-0287 83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	262.84	14.63
		For 1" Pilaster, Add	*29.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	308.06	17.06
		For 1" Pilaster, Add	*34.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	312.93	19.51
		For 1" Pilaster, Add	*34.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	362.70	21.94
		For 1" Pilaster, Add	*39.85*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	409.87	24.38
		For 1" Pilaster, Add	*45.14*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	457.37	26.82
		For 1" Pilaster, Add	*50.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	597.25	29.26
		For 1" Pilaster, Add	*67.34*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	712.42	31.69
		For 1" Pilaster, Add	*81.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	749.17	34.14
		For 1" Pilaster, Add	*85.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 19-0297 96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	296.01	19.51
		For 1" Pilaster, Add	*32.13*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	350.34	21.94
		For 1" Pilaster, Add	*38.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	355.22	24.38
		For 1" Pilaster, Add	*38.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0301	EA	8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	410.19	26.82
		For 1" Pilaster, Add	*44.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0302	EA	10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	463.87	29.26
		For 1" Pilaster, Add	*50.67*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0303	EA	12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	518.19	31.69
		For 1" Pilaster, Add	*56.85*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0304	EA	16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	683.12	34.14
		For 1" Pilaster, Add	*76.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0305	EA	20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	793.40	36.57
		For 1" Pilaster, Add	*90.03*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0306	EA	24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	834.71	39.01
		For 1" Pilaster, Add	*94.59*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0307		Solid Polyester (Corian) Toilet Partitions And Urinal Screens *(10 21 13 19)* Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.		
10 21 13 19-0308		Solid Polyester (Corian) Toilet Partitions *(10 21 13 19-0307)* Note: Small particulate finish.		
10 21 13 19-0309		Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*		
10 21 13 19-0310	EA	36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	2,908.51	109.72
		For >10, Deduct	*-268.91*	
		For Solid Color Material (No Particulate), Deduct	*-618.49*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0311	EA	60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,506.25	119.47
		For Solid Color Material (No Particulate), Deduct	*-751.48*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0312	EA	60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,884.45	124.35
		For Solid Color Material (No Particulate), Deduct	*-836.22*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0313		Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)*		
10 21 13 19-0314	EA	36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	3,030.51	134.10
		For >10, Deduct	*-276.23*	
		For Solid Color Material (No Particulate), Deduct	*-635.33*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0315	EA	60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,966.07	143.86
		For Solid Color Material (No Particulate), Deduct	*-846.03*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0316	EA	60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,385.51	148.73
		For Solid Color Material (No Particulate), Deduct	*-940.25*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0317		Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)* Note: Excludes above ceiling steel.		
10 21 13 19-0318	EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	3,398.78	158.47
		For >10, Deduct	*-308.18*	
		For Solid Color Material (No Particulate), Deduct	*-708.82*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0319	EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,543.48	168.23
		For Solid Color Material (No Particulate), Deduct	*-967.61*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0320	EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,962.59	173.10
		For Solid Color Material (No Particulate), Deduct	*-1,061.77*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0321		Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0308)* Note: Excludes above ceiling steel.		
10 21 13 19-0322	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	3,443.58	182.86
		For >10, Deduct	*-307.79*	
		For Solid Color Material (No Particulate), Deduct	*-707.91*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0323	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,379.48	192.61
		For Solid Color Material (No Particulate), Deduct	*-918.68*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0324	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	4,798.59	197.49
		For Solid Color Material (No Particulate), Deduct	*-1,012.83*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*182.41*	
10 21 13 19-0325		Solid Polyester (Corian) Urinal Screens *(10 21 13 19-0307)*		
10 21 13 19-0326		Floor Anchored, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0325)*		
10 21 13 19-0327	EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	820.49	68.25
		For Solid Color Material (No Particulate), Deduct	*-157.32*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0328	EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,075.86	73.13
		For Solid Color Material (No Particulate), Deduct	*-213.81*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0329	EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,331.24	77.99
		For Solid Color Material (No Particulate), Deduct	*-270.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0330		**Wall Hung, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0331	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	431.15	58.50
		For Solid Color Material (No Particulate), Deduct	*-72.26*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0332	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	545.61	63.38
		For Solid Color Material (No Particulate), Deduct	*-96.34*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0333	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	660.09	68.25
		For Solid Color Material (No Particulate), Deduct	*-120.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0334		**Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0335	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	557.67	63.38
		For Solid Color Material (No Particulate), Deduct	*-99.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0336	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	690.24	68.25
		For Solid Color Material (No Particulate), Deduct	*-127.36*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0337	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	822.80	73.13
		For Solid Color Material (No Particulate), Deduct	*-155.61*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0338		**Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens** *(10 21 13 19-0325)*		
10 21 13 19-0339	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	837.51	63.38
		For Solid Color Material (No Particulate), Deduct	*-163.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0340	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,092.88	68.25
		For Solid Color Material (No Particulate), Deduct	*-219.97*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0341	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,348.26	73.13
		For Solid Color Material (No Particulate), Deduct	*-276.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0342		**Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0307)*		
		See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 19-0343		**Solid Polyester (Corian), Toilet Partition Doors** *(10 21 13 19-0342)*		
10 21 13 19-0344	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	632.60	19.51
		For Solid Color Material (No Particulate), Deduct	*-136.53*	
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 19-0345	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	675.02	19.51
		For Solid Color Material (No Particulate), Deduct	*-146.28*	
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 19-0346	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	769.63	21.94
		For Solid Color Material (No Particulate), Deduct	*-166.92*	
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 19-0347	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	857.17	21.94
		For Solid Color Material (No Particulate), Deduct	*-187.05*	
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 19-0348	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	895.27	21.94
		For Solid Color Material (No Particulate), Deduct	*-195.82*	
		For Heavy Gauge Full-Height SS Hinge, Add	*81.33*	
10 21 13 19-0349		**Solid Polyester (Corian), Toilet Partition Panels** *(10 21 13 19-0342)*		
10 21 13 19-0350	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	181.33	29.26
		For Solid Color Material (No Particulate), Deduct	*-28.25*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0351	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	309.03	31.69
		For Solid Color Material (No Particulate), Deduct	*-56.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0352	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	436.70	34.14
		For Solid Color Material (No Particulate), Deduct	*-84.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0353	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	564.40	36.57
		For Solid Color Material (No Particulate), Deduct	*-112.99*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0354	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	692.08	39.01
		For Solid Color Material (No Particulate), Deduct	*-141.23*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0355	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	819.75	41.45
		For Solid Color Material (No Particulate), Deduct	*-169.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0356	EA	42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	947.46	43.89
		For Solid Color Material (No Particulate), Deduct	*-197.73*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0357	EA	48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,075.14	46.32
		For Solid Color Material (No Particulate), Deduct	*-225.97*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0358	EA	55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,223.29	48.77
		For Solid Color Material (No Particulate), Deduct	*-258.93*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0359	EA	58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,286.66	49.74
		For Solid Color Material (No Particulate), Deduct	*-273.05*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0360	EA	60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,330.52	51.20
		For Solid Color Material (No Particulate), Deduct	*-282.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0361	EA	70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,540.08	53.64
		For Solid Color Material (No Particulate), Deduct	*-329.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0362	EA	78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,708.70	56.08
		For Solid Color Material (No Particulate), Deduct	*-367.21*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0363		72" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*		
10 21 13 19-0364	EA	Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	222.01	14.63
		For Solid Color Material (No Particulate), Deduct	*-44.33*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0365	EA	5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	275.07	17.06
		For Solid Color Material (No Particulate), Deduct	*-55.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0366	EA	6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	328.13	19.51
		For Solid Color Material (No Particulate), Deduct	*-66.50*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0367	EA	8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	429.40	21.94
		For Solid Color Material (No Particulate), Deduct	*-88.67*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0368	EA	10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	530.65	24.38
		For Solid Color Material (No Particulate), Deduct	*-110.83*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0369	EA	12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	631.89	26.82
		For Solid Color Material (No Particulate), Deduct	*-133.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0370	EA	18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	925.89	29.26
		For Solid Color Material (No Particulate), Deduct	*-199.50*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0371	EA	22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,123.53	31.69
		For Solid Color Material (No Particulate), Deduct	*-243.83*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0372	EA	24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,224.77	34.14
		For Solid Color Material (No Particulate), Deduct	*-266.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0373		82" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*		
10 21 13 19-0374	EA	Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	248.77	14.63
		For Solid Color Material (No Particulate), Deduct	*-50.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0375	EA	5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	308.55	17.06
		For Solid Color Material (No Particulate), Deduct	*-63.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0376	EA	6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	362.02	19.51
		For Solid Color Material (No Particulate), Deduct	*-74.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0377	EA	8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	491.30	21.94
		For Solid Color Material (No Particulate), Deduct	*-102.90*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0378	EA	10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	597.57	24.38
		For Solid Color Material (No Particulate), Deduct	*-126.22*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0379	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	712.20	26.82
		For Solid Color Material (No Particulate), Deduct	*-151.47*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0380	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,046.36	29.26
		For Solid Color Material (No Particulate), Deduct	*-227.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0381	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,270.77	31.69
		For Solid Color Material (No Particulate), Deduct	*-277.70*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0382	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,385.40	34.14
		For Solid Color Material (No Particulate), Deduct	*-302.94*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0383		96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0342)*		
10 21 13 19-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	328.13	19.51
		For Solid Color Material (No Particulate), Deduct	*-66.50*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	405.29	21.94
		For Solid Color Material (No Particulate), Deduct	*-83.12*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	482.46	24.38
		For Solid Color Material (No Particulate), Deduct	*-99.75*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	631.89	26.82
		For Solid Color Material (No Particulate), Deduct	*-133.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	781.33	29.26
		For Solid Color Material (No Particulate), Deduct	*-166.25*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	930.77	31.69
		For Solid Color Material (No Particulate), Deduct	*-199.50*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,369.33	34.14
		For Solid Color Material (No Particulate), Deduct	*-299.24*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,663.34	36.57
		For Solid Color Material (No Particulate), Deduct	*-365.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,812.77	39.01
		For Solid Color Material (No Particulate), Deduct	*-398.99*	
		For Heavy Gauge Full-Height SS Brackets, Add	*50.54*	

10 21 13 43 Compartments and Cubicles Common Accessories *(10 21 13)*

10 21 13 43-0001 Accessories *(10 21 13 43)*

10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens	10.83	1.95
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens	15.20	1.95
10 21 13 43-0004	EA	Replacement 1-1/2" x 58" Stainless Steel Wall Posts	87.89	
10 21 13 43-0005	EA	Replacement 58" Aluminum Wall U Bracket	56.86	
10 21 13 43-0006	EA	Replacement 58" Aluminum Wall Two Ear Bracket	94.50	
10 21 13 43-0007	EA	Replacement 54" Stainless Steel Wall U Bracket	67.83	
10 21 13 43-0008	EA	Replacement 54" Stainless Steel Wall Two Ear Bracket	161.72	
10 21 13 43-0009	EA	Replacement 54" Plastic Wall Two Ear Bracket, All Colors	119.61	
10 21 13 43-0010	EA	Replacement 57-1/2" Stainless Steel Hinge	112.79	

10 21 16 Shower And Dressing Compartments *(10 21)*

10 21 16 17 Phenolic-Core Shower and Dressing Compartments *(10 21 16)*

10 21 16 17-0001 Shower Dividers *(10 21 16 17)*

10 21 16 17-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers *(10 21 16 17-0001)*

Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.

10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	709.02	121.91
		For 66" High Panels, Add	*69.78*	
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	883.61	131.66
		For 66" High Panels, Add	*93.04*	
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,134.40	146.29
		For 66" High Panels, Add	*126.27*	
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,338.21	170.67
		For 66" High Panels, Add	*149.53*	
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,542.05	195.05
		For 66" High Panels, Add	*172.79*	

10 21 16 17-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track *(10 21 16 17-0001)*

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.

10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	1,683.82	214.26
		For 66" High Panels, Add	*231.15*	
		For 6" Wide Head Rail, Add	*41.94*	
		For 8" Wide Head Rail, Add	*58.78*	
		For 10" Wide Head Rail, Add	*71.34*	
		For 12" Wide Head Rail, Add	*86.03*	
		For 18" Wide, 1/2" Thick Bench, Add	*127.85*	
		For 24" Wide, 1/2" Thick Bench, Add	*167.85*	
10 21 16 17-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,067.89	233.97
		For 66" High Panels, Add	*286.79*	
		For 6" Wide Head Rail, Add	*52.68*	
		For 8" Wide Head Rail, Add	*73.36*	
		For 10" Wide Head Rail, Add	*89.36*	
		For 12" Wide Head Rail, Add	*107.69*	
		For 18" Wide, 1/2" Thick Bench, Add	*131.80*	
		For 24" Wide, 1/2" Thick Bench, Add	*171.80*	
10 21 16 17-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,589.78	248.79
		For 66" High Panels, Add	*363.59*	
		For 6" Wide Head Rail, Add	*67.74*	
		For 8" Wide Head Rail, Add	*93.64*	
		For 10" Wide Head Rail, Add	*114.56*	
		For 12" Wide Head Rail, Add	*137.97*	
		For 18" Wide, 1/2" Thick Bench, Add	*134.76*	
		For 24" Wide, 1/2" Thick Bench, Add	*174.76*	
10 21 16 17-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,771.95	278.34
		For 66" High Panels, Add	*387.96*	
		For 6" Wide Head Rail, Add	*72.03*	
		For 8" Wide Head Rail, Add	*99.74*	
		For 10" Wide Head Rail, Add	*121.90*	
		For 12" Wide Head Rail, Add	*146.83*	
		For 18" Wide, 1/2" Thick Bench, Add	*140.67*	
		For 24" Wide, 1/2" Thick Bench, Add	*180.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 16 17-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,164.87	302.52
		For 66" High Panels, Add	*444.48*	
		For 6" Wide Head Rail, Add	*82.85*	
		For 8" Wide Head Rail, Add	*114.49*	
		For 10" Wide Head Rail, Add	*140.09*	
		For 12" Wide Head Rail, Add	*168.72*	
		For 18" Wide, 1/2" Thick Bench, Add	*145.50*	
		For 24" Wide, 1/2" Thick Bench, Add	*185.50*	

10 21 23 Cubicle Curtains And Track *(10 21)*

10 21 23 13 Cubicle Curtains *(10 21 23)*

10 21 23 13-0001 Hospital Curtains With Nylon Mesh Tops *(10 21 23 13)*

10 21 23 13-0002	LF	84" High, Fire Resistant Polyester, Hospital Cubicle Curtain	15.84	0.84
10 21 23 13-0003	LF	90" High, Fire Resistant Polyester, Hospital Cubicle Curtain	16.79	0.84
10 21 23 13-0004	LF	96" High, Fire Resistant Polyester, Hospital Cubicle Curtain	17.98	0.84
10 21 23 13-0005	LF	102" High, Fire Resistant Polyester, Hospital Cubicle Curtain	18.94	0.84
10 21 23 13-0006	LF	108" High, Fire Resistant Polyester, Hospital Cubicle Curtain	19.90	0.84
10 21 23 13-0007	LF	120" High, Fire Resistant Polyester, Hospital Cubicle Curtain	21.74	0.84

10 21 23 16 Cubicle Track And Hardware *(10 21 23)*

10 21 23 16-0001 Hospital Cubicle Curtain Channel Track *(10 21 23 16)*

Note: Track is extruded aluminum. Includes curved sections, carrier rollers and all fittings. (Medline)

10 21 23 16-0002	LF	Flush Mounted, Aluminum, Hospital Cubicle Curtain Channel Track	15.27	4.43
10 21 23 16-0003	LF	Suspended, Aluminum, Hospital Cubicle Curtain Channel Track	23.28	4.87

10 21 23 16-0004 Hospital IV Tracks *(10 21 23 16)*

10 21 23 16-0005	LF	Oval Hospital Partition IV Track	21.82	2.79
10 21 23 16-0006	EA	Hospital Partition IV Trolley	119.65	11.59
10 21 23 16-0007	EA	5 Hook Tree, Hospital Partition IV Pendant	492.17	11.59

10 22 Partitions *(10 20)*

10 22 13 Wire Mesh Partitions *(10 22)*

10 22 13 00-0001 Wall Panels *(10 22 13)*

Note: Includes steel frame and posts. Posts bolted to floor.

10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	11.16	1.22
		For 5' Wide Panels, Add	*0.44*	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	12.40	1.46
		For 5' Wide Panels, Add	*0.47*	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	13.95	1.71
		For 5' Wide Panels, Add	*0.53*	

10 22 13 00-0005 Ceiling Panels *(10 22 13)*

Note: Includes steel frame.

10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	11.61	1.46
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	12.84	1.71
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	14.23	1.95

10 22 13 00-0009 Sliding Doors *(10 22 13)*

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0010	EA	4' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,085.47	256.01
		For 8 Gauge, Add	*111.62*	
		For 6 Gauge, Add	*223.24*	
10 22 13 00-0011	EA	4' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,146.89	282.82
		For 8 Gauge, Add	*115.47*	
		For 6 Gauge, Add	*230.94*	
10 22 13 00-0012	EA	5' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,249.97	292.58
		For 8 Gauge, Add	*128.98*	
		For 6 Gauge, Add	*257.96*	
10 22 13 00-0013	EA	5' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,362.89	316.96
		For 8 Gauge, Add	*141.04*	
		For 6 Gauge, Add	*282.08*	
10 22 13 00-0014	EA	6' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,411.62	336.47
		For 8 Gauge, Add	*144.45*	
		For 6 Gauge, Add	*288.90*	
10 22 13 00-0015	EA	6' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,549.77	355.97
		For 8 Gauge, Add	*161.27*	
		For 6 Gauge, Add	*322.54*	
10 22 13 00-0016	EA	8' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,665.62	382.79
		For 8 Gauge, Add	*173.29*	
		For 6 Gauge, Add	*346.57*	
10 22 13 00-0017	EA	8' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,808.61	399.85
		For 8 Gauge, Add	*191.32*	
		For 6 Gauge, Add	*382.64*	
10 22 13 00-0018	EA	10' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,826.18	409.61
		For 8 Gauge, Add	*192.01*	
		For 6 Gauge, Add	*384.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0019	EA	10' x 10' Sliding Door, 10 Gauge With Cylinder Lock	2,011.01	433.99
		For 8 Gauge, Add	*214.85*	
		For 6 Gauge, Add	*429.71*	

10 22 13 00-0020 Swing Doors *(10 22 13)*

10 22 13 00-0021 Single Swing Door *(10 22 13 00-0020)*

10 22 13 00-0022	EA	3' x 7' Swing Door, 10 Gauge With Cylinder Lock	739.14	151.17
		For 8 Gauge, Add	*78.36*	
		For 6 Gauge, Add	*156.73*	
10 22 13 00-0023	EA	3' x 8' Swing Door, 10 Gauge With Cylinder Lock	794.28	170.67
		For 8 Gauge, Add	*85.01*	
		For 6 Gauge, Add	*170.02*	
10 22 13 00-0024	EA	3' x 9' Swing Door, 10 Gauge With Cylinder Lock	850.72	180.42
		For 8 Gauge, Add	*91.52*	
		For 6 Gauge, Add	*183.05*	
10 22 13 00-0025	EA	4' x 7' Swing Door, 10 Gauge With Cylinder Lock	843.04	195.05
		For 8 Gauge, Add	*87.45*	
		For 6 Gauge, Add	*174.89*	
10 22 13 00-0026	EA	4' x 8' Swing Door, 10 Gauge With Cylinder Lock	901.42	204.81
		For 8 Gauge, Add	*94.25*	
		For 6 Gauge, Add	*188.50*	
10 22 13 00-0027	EA	4' x 9' Swing Door, 10 Gauge With Cylinder Lock	942.01	214.56
		For 8 Gauge, Add	*98.39*	
		For 6 Gauge, Add	*196.78*	
10 22 13 00-0028	EA	4' x 7' Dutch Door, 10 Gauge With Cylinder Lock	1,095.86	195.05
		For 8 Gauge, Add	*125.37*	
		For 6 Gauge, Add	*250.74*	
10 22 13 00-0029	EA	4' x 8' Dutch Door, 10 Gauge With Cylinder Lock	1,162.18	204.81
		For 8 Gauge, Add	*133.37*	
		For 6 Gauge, Add	*266.73*	

10 22 13 00-0030 Double Swing Doors *(10 22 13 00-0020)*

10 22 13 00-0031	EA	6' x 7' Double Swing Door, 10 Gauge With Cylinder Lock	1,166.06	243.81
		For 8 Gauge, Add	*126.15*	
		For 6 Gauge, Add	*252.29*	
10 22 13 00-0032	EA	6' x 8' Double Swing Door, 10 Gauge With Cylinder Lock	1,195.32	258.44
		For 8 Gauge, Add	*127.61*	
		For 6 Gauge, Add	*255.22*	
10 22 13 00-0033	EA	6' x 9' Double Swing Door, 10 Gauge With Cylinder Lock	1,625.02	273.07
		For 8 Gauge, Add	*189.14*	
		For 6 Gauge, Add	*378.28*	
10 22 13 00-0034	EA	8 x 7' Double Swing Door, 10 Gauge With Cylinder Lock	1,263.58	292.58
		For 8 Gauge, Add	*131.02*	
		For 6 Gauge, Add	*262.04*	
10 22 13 00-0035	EA	8 x 8' Double Swing Door, 10 Gauge With Cylinder Lock	1,292.84	307.21
		For 8 Gauge, Add	*132.49*	
		For 6 Gauge, Add	*264.97*	
10 22 13 00-0036	EA	8 x 9' Double Swing Door, 10 Gauge With Cylinder Lock	1,722.55	321.84
		For 8 Gauge, Add	*194.02*	
		For 6 Gauge, Add	*388.03*	

10 22 19 Demountable Partitions *(10 22)*

10 22 19 13 Demountable Metal Partitions *(10 22 19)*

10 22 19 13-0001	LF	9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	132.91	15.49
		For >9, Add 16.61		
10 22 19 13-0002	LF	7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	116.54	12.34
		For >9, Add 14.57		
10 22 19 13-0003	LF	5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	100.15	9.28
		For >9, Add 12.52		
10 22 19 13-0004	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel	137.40	12.34
		For >9, Add 17.18		
10 22 19 13-0005	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric	199.14	13.26
		For >9, Add 24.89		

10 22 19 43 Demountable Composite Partitions *(10 22 19)*

10 22 19 43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	204.23	15.49
		For >9, Add 25.53		
10 22 19 43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	255.51	16.88
		For >9, Add 31.94		
10 22 19 43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	42.79	2.31
		For Acoustical Partitions, Add	*3.82*	
10 22 19 43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	53.66	3.89
		For Acoustical Partitions, Add	*4.59*	
10 22 19 43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	45.64	2.41
		For Acoustical Partitions, Add	*4.08*	
10 22 19 43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	65.24	3.34
		For Acoustical Partitions, Add	*5.87*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 22 19 53 Demountable Gypsum Partitions *(10 22 19)*

10 22 19 53-0001	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad	82.95	15.49
		For >9, Add 10.37		
10 22 19 53-0002	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad	139.15	16.88
		For >9, Add 17.39		
10 22 19 53-0003	LF	9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad	149.80	18.54
		For >9, Add 18.73		
10 22 19 53-0004	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad	165.99	15.49
		For >9, Add 20.75		
10 22 19 53-0005	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad	275.89	16.88
		For >9, Add 34.49		

10 22 23 Portable Partitions, Screens, And Panels *(10 22)*

Note: Cubicle prices include standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

10 22 23 23 Movable Panel Systems *(10 22 23)*

10 22 23 23-0001 Portable Partitions *(10 22 23 23)*

10 22 23 23-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	257.03	7.42
10 22 23 23-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	273.97	8.25
10 22 23 23-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	325.70	9.92
10 22 23 23-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	189.48	4.27
10 22 23 23-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	201.09	4.92
10 22 23 23-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	226.01	5.94
10 22 23 23-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	192.71	4.55
10 22 23 23-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	342.80	8.25
10 22 23 23-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	376.69	9.92
10 22 23 23-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	199.89	5.66
10 22 23 23-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	227.39	6.58
10 22 23 23-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	183.24	4.92
10 22 23 23-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	205.62	5.94
10 22 23 23-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	304.56	8.25
10 22 23 23-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	343.55	9.92
10 22 23 23-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	309.66	8.25
10 22 23 23-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	376.69	9.92
10 22 23 23-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	239.33	4.92
10 22 23 23-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	269.35	5.94
10 22 23 23-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	252.62	4.55
10 22 23 23-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	301.38	5.38
10 22 23 23-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	146.35	5.66
10 22 23 23-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	172.58	6.58
10 22 23 23-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	155.91	5.94
10 22 23 23-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	113.68	4.55
10 22 23 23-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	185.22	5.94
10 22 23 23-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	211.22	6.22
10 22 23 23-0029	LF	Partitions, Portable, Tackboard, Both Sides	170.12	6.03

10 22 23 23-0030 Adjustable Barrier Panel System *(10 22 23 23)*

10 22 23 23-0031	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	746.97
10 22 23 23-0032	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	682.34
10 22 23 23-0033	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	522.82
10 22 23 23-0034	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,205.76
10 22 23 23-0035	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	240.06
10 22 23 23-0036	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	351.90
10 22 23 23-0037	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	202.54
10 22 23 23-0038	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	202.54

10 22 33 Accordion Folding Partitions *(10 22)*

10 22 33 00-0001 Accordion Doors/Partitions *(10 22 33)*

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF	15 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 1500)	48.02	4.59
		For <135, Add	*9.60*	
10 22 33 00-0003	SF	20 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 2000)	48.87	4.75
		For <135, Add	*9.77*	
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3100)	51.08	4.90
		For <135, Add	*10.22*	
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3500)	54.00	5.05
		For <135, Add	*10.80*	
10 22 33 00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3900)	55.04	5.20
		For <135, Add	*11.01*	
10 22 33 00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4000)	55.82	5.36
		For <135, Add	*11.16*	
10 22 33 00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4100)	56.58	5.51
		For <135, Add	*11.32*	
10 22 33 00-0009	SF	45 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4500)	57.71	5.82
		For <135, Add	*11.54*	

10 22 43 Sliding Partitions *(10 22)*

10 22 43 00-0001 Operable Wall *(10 22 43)*

Note: Includes top support track, assembled panel and frames.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 43 00-0002	SF	Up To 720 SF, 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	80.57	7.77
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*6.30*	
10 22 43 00-0003	SF	>720 To 1,200 SF, 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	74.69	6.22
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*6.16*	
10 22 43 00-0004	SF	>1,200 SF, 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	70.35	5.17
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*6.03*	
10 22 43 00-0005	SF	Up To 1,080 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	68.46	5.44
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.73*	
10 22 43 00-0006	SF	>1,080 To 1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	63.96	4.43
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.57*	
10 22 43 00-0007	SF	>1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	61.34	3.96
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.44*	
10 22 43 00-0008	SF	Up To 1,440 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	60.70	4.27
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.27*	
10 22 43 00-0009	SF	>1,440 To 2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	57.32	3.65
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*5.10*	
10 22 43 00-0010	SF	>2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	54.96	3.26
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		For 51 STC, Add	*4.97*	
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	85.06	6.92
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*7.08*	
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	78.37	5.25
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*6.89*	
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	74.44	4.43
		Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
		For 51 STC, Add	*6.73*	

10 26 Wall And Door Protection *(10 20)*

10 26 13 Corner Guards *(10 26)*

10 26 13 00-0001 Vinyl Corner Guards *(10 26 13)*

10 26 13 00-0002 Rigid Vinyl Corner Guards *(10 26 13 00-0001)*

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0002)*

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	6.94	2.93
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 200, Deduct	*-1.70*	
		For >200, Deduct	*-2.30*	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	7.45	2.93
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 200, Deduct	*-1.70*	
		For >200, Deduct	*-2.32*	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	10.25	2.93
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 200, Deduct	*-1.70*	
		For >200, Deduct	*-2.46*	
10 26 13 00-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	13.75	2.93
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 200, Deduct	*-1.70*	
		For >200, Deduct	*-2.64*	

10 26 13 00-0009 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0010	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	13.12	2.93
		For >50 To 100, Deduct	*-1.22*	
		For >100 To 200, Deduct	*-1.70*	
		For >200, Deduct	*-2.60*	

10 26 13 00-0011 Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0001)*
Note: Includes closure caps.

10 26 13 00-0012 Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0013		90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
10 26 13 00-0014	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)	13.01	4.38
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 200, Deduct	*-2.56*	
		For >200, Deduct	*-3.57*	
		For Recycled Vinyl Retainer, Deduct	*-1.14*	
10 26 13 00-0015	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)	14.57	4.38
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 200, Deduct	*-2.56*	
		For >200, Deduct	*-3.65*	
		For Recycled Vinyl Retainer, Deduct	*-1.45*	
10 26 13 00-0016	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	16.12	4.38
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 200, Deduct	*-2.56*	
		For >200, Deduct	*-3.73*	
		For Recycled Vinyl Retainer, Deduct	*-1.76*	
10 26 13 00-0017		135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
10 26 13 00-0018	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	19.03	4.38
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 200, Deduct	*-2.56*	
		For >200, Deduct	*-3.88*	
		For Recycled Vinyl Retainer, Deduct	*-2.34*	
10 26 13 00-0019		End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*		
		Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	27.06	5.85
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 200, Deduct	*-3.41*	
		For >200, Deduct	*-5.25*	
		For Recycled Vinyl Retainer, Deduct	*-3.46*	
10 26 13 00-0021		Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*		
10 26 13 00-0022		90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
10 26 13 00-0023	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	17.49	4.38
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 200, Deduct	*-2.56*	
		For >200, Deduct	*-3.80*	
		For Up To 2 HR Fire Rated, Add	*7.13*	
10 26 13 00-0024	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	21.18	4.38
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 200, Deduct	*-2.56*	
		For >200, Deduct	*-3.98*	
		For Up To 2 HR Fire Rated, Add	*9.71*	
10 26 13 00-0025	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)	19.59	4.38
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 200, Deduct	*-2.56*	
		For >200, Deduct	*-3.90*	
		For Up To 2 HR Fire Rated, Add	*8.60*	
10 26 13 00-0026		135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
10 26 13 00-0027	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	22.75	4.38
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 200, Deduct	*-2.56*	
		For >200, Deduct	*-4.06*	
		For Up To 2 HR Fire Rated, Add	*10.81*	
10 26 13 00-0028		End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
		Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888)	48.03	5.85
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 200, Deduct	*-3.41*	
		For >200, Deduct	*-6.30*	
		For Up To 2 HR Fire Rated, Add	*26.80*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0030			Flexible Vinyl Corner Guards *(10 26 13 00-0001)* Note: Includes adhesive for installation.		
10 26 13 00-0031			Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0030)*		
10 26 13 00-0032			90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0031)*		
10 26 13 00-0033		LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9)	9.67	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.43*	
			For Bolting To Concrete Or Masonry, Add	*2.18*	
10 26 13 00-0034		LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3)	12.45	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.57*	
			For Bolting To Concrete Or Masonry, Add	*2.60*	
10 26 13 00-0035		LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15)	14.70	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.68*	
			For Bolting To Concrete Or Masonry, Add	*2.94*	
10 26 13 00-0036			Polycarbonate Corner Guards *(10 26 13)*		
10 26 13 00-0037			Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0036)*		
10 26 13 00-0038			90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*		
10 26 13 00-0039		LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16)	6.32	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.26*	
10 26 13 00-0040		LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17)	7.68	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.33*	
10 26 13 00-0041		LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24)	9.26	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.41*	
10 26 13 00-0042		LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18)	10.22	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.46*	
10 26 13 00-0043		LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23)	9.87	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.44*	
10 26 13 00-0044			135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*		
10 26 13 00-0045		LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19)	10.22	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.46*	
10 26 13 00-0046			Aluminum Corner Guards *(10 26 13)*		
10 26 13 00-0047			Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0046)*		
10 26 13 00-0048			90 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0049		LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400)	9.08	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.40*	
10 26 13 00-0050		LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	10.91	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.49*	
10 26 13 00-0051		LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	12.05	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.55*	
10 26 13 00-0052			135 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0053		LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	9.08	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.40*	
10 26 13 00-0054		LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	10.91	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.49*	
10 26 13 00-0055		LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	12.05	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.55*	

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CSI		UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0056			Steel Corner Guards *(10 26 13)*		
10 26 13 00-0057			Steel Angle Iron, Corner Guards *(10 26 13 00-0056)*		
10 26 13 00-0058			Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0057)*		
10 26 13 00-0059			90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0058)*		
10 26 13 00-0060		LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	11.80	3.51
			For Galvanizing, Add	*2.08*	
			For >50 To 100, Deduct	*-1.46*	
			For >100 To 200, Deduct	*-2.05*	
			For >200, Deduct	*-2.93*	
10 26 13 00-0061		LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	15.01	3.80
			For Galvanizing, Add	*3.04*	
			For >50 To 100, Deduct	*-1.58*	
			For >100 To 200, Deduct	*-2.22*	
			For >200, Deduct	*-3.28*	
10 26 13 00-0062		LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	15.97	3.95
			For Galvanizing, Add	*3.29*	
			For >50 To 100, Deduct	*-1.65*	
			For >100 To 200, Deduct	*-2.30*	
			For >200, Deduct	*-3.43*	
10 26 13 00-0063		LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	16.34	4.09
			For Galvanizing, Add	*3.33*	
			For >50 To 100, Deduct	*-1.71*	
			For >100 To 200, Deduct	*-2.39*	
			For >200, Deduct	*-3.55*	
10 26 13 00-0064		LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	20.36	4.24
			For Galvanizing, Add	*4.65*	
			For >50 To 100, Deduct	*-1.77*	
			For >100 To 200, Deduct	*-2.47*	
			For >200, Deduct	*-3.85*	
10 26 13 00-0065		LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	24.41	4.38
			For Galvanizing, Add	*5.99*	
			For >50 To 100, Deduct	*-1.83*	
			For >100 To 200, Deduct	*-2.56*	
			For >200, Deduct	*-4.14*	
10 26 13 00-0066		LF	6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	41.65	5.85
			For Galvanizing, Add	*11.17*	
			For >50 To 100, Deduct	*-2.44*	
			For >100 To 200, Deduct	*-3.41*	
			For >200, Deduct	*-5.98*	
10 26 13 00-0067			Stainless Steel Corner Guards *(10 26 13)*		
10 26 13 00-0068			Stainless Steel Corner Guards *(10 26 13 00-0067)*		
			Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26 13 00-0069			Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0068)*		
10 26 13 00-0070			90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*		
10 26 13 00-0071		LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	10.12	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.45*	
10 26 13 00-0072		LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	11.74	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.54*	
10 26 13 00-0073		LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	15.94	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.75*	
10 26 13 00-0074		LF	Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)	15.94	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.75*	
10 26 13 00-0075			135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*		
10 26 13 00-0076		LF	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	15.94	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.75*	
10 26 13 00-0077		LF	Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)	15.94	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.75*	
10 26 13 00-0078			Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0067)*		
10 26 13 00-0079			Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0078)*		
10 26 13 00-0080			90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0079)*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 26 13 00-0081	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	19.59	3.51
			For >50 To 100, Deduct	*-1.46*	
			For >100 To 200, Deduct	*-2.05*	
			For >200, Deduct	*-3.32*	
	10 26 13 00-0082	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	32.37	3.80
			For >50 To 100, Deduct	*-1.58*	
			For >100 To 200, Deduct	*-2.22*	
			For >200, Deduct	*-4.15*	
	10 26 13 00-0083	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	45.14	3.95
			For >50 To 100, Deduct	*-1.65*	
			For >100 To 200, Deduct	*-2.30*	
			For >200, Deduct	*-4.89*	
	10 26 13 00-0084	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	42.19	4.09
			For >50 To 100, Deduct	*-1.71*	
			For >100 To 200, Deduct	*-2.39*	
			For >200, Deduct	*-4.84*	
	10 26 13 00-0085	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	60.15	4.24
			For >50 To 100, Deduct	*-1.77*	
			For >100 To 200, Deduct	*-2.47*	
			For >200, Deduct	*-5.84*	
	10 26 13 00-0086	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	55.60	4.38
			For >50 To 100, Deduct	*-1.83*	
			For >100 To 200, Deduct	*-2.56*	
			For >200, Deduct	*-5.70*	

10 26 13 00-0087 Rubber Corner Guards *(10 26 13)*
Note: Includes adhesive for installation.

10 26 13 00-0088 Natural Rubber Corner Guards *(10 26 13 00-0087)*

10 26 13 00-0089 Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0088)*

10 26 13 00-0090 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0089)*

	10 26 13 00-0091	LF	4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5)	46.45	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-4.27*	
			For Bolting To Concrete Or Masonry, Add	*7.70*	

10 26 13 00-0092 Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0087)*

10 26 13 00-0093 Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0092)*

10 26 13 00-0094 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0093)*

	10 26 13 00-0095	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2)	20.85	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.99*	
			For Bolting To Concrete Or Masonry, Add	*3.86*	

10 26 13 00-0096 Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0087)*

10 26 13 00-0097 Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0096)*

10 26 13 00-0098 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0097)*

	10 26 13 00-0099	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E)	18.28	2.93
			For >50 To 100, Deduct	*-1.22*	
			For >100 To 200, Deduct	*-1.70*	
			For >200, Deduct	*-2.86*	
			For Bolting To Concrete Or Masonry, Add	*3.47*	

10 26 16 Bumper Guards *(10 26)*

10 26 16 13 Bumper Rails *(10 26 16)*

10 26 16 13-0001 Crash Rails *(10 26 16 13)*
Note: Includes end caps.

10 26 16 13-0002 Polycarbonate Crash Rails *(10 26 16 13-0001)*

	10 26 16 13-0003	LF	3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3)	11.19	3.90
			For >50 To 100, Deduct	*-1.95*	
			For >100 To 200, Deduct	*-2.73*	
			For >200, Deduct	*-3.68*	
	10 26 16 13-0004	LF	4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4)	12.39	3.90
			For >50 To 100, Deduct	*-1.95*	
			For >100 To 200, Deduct	*-2.73*	
			For >200, Deduct	*-3.74*	

10 26 16 13-0005 Aluminum Crash Rails *(10 26 16 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0006	LF	4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100)	33.32	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-4.79*	

10 26 16 13-0007 Stainless Steel Crash Rails *(10 26 16 13-0001)*

10 26 16 13-0008	LF	4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)	58.84	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-6.06*	
10 26 16 13-0009	LF	5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)	46.08	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-5.42*	

10 26 16 13-0010 Wall Guards *(10 26 16 13)*

10 26 16 13-0011 Rigid Vinyl Wall Guards With Aluminum Retainers *(10 26 16 13-0010)*

Note: Includes end caps.

10 26 16 13-0012	LF	1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)	11.62	3.41
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 200, Deduct	*-2.39*	
		For >200, Deduct	*-3.31*	
10 26 16 13-0013	LF	3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)	14.16	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-3.83*	
10 26 16 13-0014	LF	4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)	15.35	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-3.89*	
10 26 16 13-0015	LF	5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)	15.99	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-3.92*	
10 26 16 13-0016	LF	6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)	19.13	4.14
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 200, Deduct	*-2.90*	
		For >200, Deduct	*-4.27*	
10 26 16 13-0017	LF	8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)	19.23	4.14
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 200, Deduct	*-2.90*	
		For >200, Deduct	*-4.27*	
10 26 16 13-0018	LF	7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)	19.81	4.14
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 200, Deduct	*-2.90*	
		For >200, Deduct	*-4.30*	
10 26 16 13-0019	LF	12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	23.88	4.38
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 200, Deduct	*-3.07*	
		For >200, Deduct	*-4.70*	

10 26 16 13-0020 Rubber Wall Guards *(10 26 16 13-0010)*

10 26 16 13-0021 D-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0022	LF	2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	15.70	3.41
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 200, Deduct	*-2.39*	
		For >200, Deduct	*-3.52*	
10 26 16 13-0023	LF	3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	23.11	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-4.28*	
10 26 16 13-0024	LF	4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	34.15	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-4.83*	
10 26 16 13-0025	LF	6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	48.06	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-5.52*	

10 26 16 13-0026 Rectangular, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0027	LF	8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	36.54	4.14
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 200, Deduct	*-2.90*	
		For >200, Deduct	*-5.14*	
10 26 16 13-0028	LF	9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2)	46.16	4.38
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 200, Deduct	*-3.07*	
		For >200, Deduct	*-5.82*	

10 26 16 13-0029 Wing Type, Rubber Wall Guards *(10 26 16 13-0020)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0030	LF	6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	60.12	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-6.13*	
10 26 16 13-0031	LF	6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30)	63.94	3.90
		For >50 To 100, Deduct	*-1.95*	
		For >100 To 200, Deduct	*-2.73*	
		For >200, Deduct	*-6.32*	
10 26 16 13-0032	LF	3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25)	29.13	3.41
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 200, Deduct	*-2.39*	
		For >200, Deduct	*-4.19*	

10 26 16 13-0033 U-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0034	LF	3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4)	50.71	4.14
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 200, Deduct	*-2.90*	
		For >200, Deduct	*-5.85*	
10 26 16 13-0035	LF	4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3)	56.77	4.14
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 200, Deduct	*-2.90*	
		For >200, Deduct	*-6.15*	

10 26 16 13-0036 Accent Rails *(10 26 16 13)*

Note: Includes end caps.

10 26 16 13-0037 Oval, Rigid Vinyl Accent Rails With Aluminum Retainers *(10 26 16 13-0036)*

10 26 16 13-0038	LF	1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25)	13.70	3.41
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 200, Deduct	*-2.39*	
		For >200, Deduct	*-3.42*	
10 26 16 13-0039	LF	2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30)	13.73	3.41
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 200, Deduct	*-2.39*	
		For >200, Deduct	*-3.42*	
10 26 16 13-0040	LF	2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22)	19.61	3.41
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 200, Deduct	*-2.39*	
		For >200, Deduct	*-3.71*	

10 26 16 16 Protective Corridor Handrails *(10 26 16)*

10 26 16 16-0001 Protective Corridor Handrails *(10 26 16 16)*

10 26 16 16-0002 Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers *(10 26 16 16-0001)*

10 26 16 16-0003	LF	1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN)	22.58	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-6.98*	
10 26 16 16-0004	EA	End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	20.31	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-6.87*	
		For >25 To 50, Deduct	*-3.66*	
		For >50 To 100, Deduct	*-5.12*	
		For >100, Deduct	*-6.87*	
10 26 16 16-0005	LF	5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C)	29.39	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-7.32*	
10 26 16 16-0006	EA	End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	24.85	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-7.09*	
		For >25 To 50, Deduct	*-3.66*	
		For >50 To 100, Deduct	*-5.12*	
		For >100, Deduct	*-7.09*	
10 26 16 16-0007	LF	6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN)	30.53	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-7.38*	
10 26 16 16-0008	EA	End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn)	32.80	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-7.49*	
		For >25 To 50, Deduct	*-3.66*	
		For >50 To 100, Deduct	*-5.12*	
		For >100, Deduct	*-7.49*	
10 26 16 16-0009	LF	6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN)	38.48	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-7.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 16-0010	EA	End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	41.88	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-7.95*	
		For >25 To 50, Deduct	*-3.66*	
		For >50 To 100, Deduct	*-5.12*	
		For >100, Deduct	*-7.95*	
10 26 16 16-0011		Stainless Steel Protective Corridor Handrails *(10 26 16 16-0001)*		
10 26 16 16-0012	LF	5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS)	49.83	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-8.34*	
10 26 16 16-0013	EA	End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn)	50.97	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-8.40*	
		For >25 To 50, Deduct	*-3.66*	
		For >50 To 100, Deduct	*-5.12*	
		For >100, Deduct	*-8.40*	
10 26 16 16-0014		Hardwood Protective Corridor Handrails *(10 26 16 16-0001)*		
		Note: Includes end caps.		
10 26 16 16-0015	LF	4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C)	29.80	6.55
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 200, Deduct	*-4.59*	
		For >200, Deduct	*-6.73*	
		For Maple, Add	*0.50*	
10 26 16 16-0016	LF	5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500)	35.43	6.99
		For >50 To 100, Deduct	*-3.49*	
		For >100 To 200, Deduct	*-4.89*	
		For >200, Deduct	*-7.36*	
10 26 16 16-0017	LF	1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500)	26.23	6.55
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 200, Deduct	*-4.59*	
		For >200, Deduct	*-6.55*	
		For Maple, Add	*5.65*	
		For Oak, Add	*6.30*	
10 26 16 16-0018		Wood/Acrylic Protective Corridor Handrails With Aluminum Retainers *(10 26 16 16-0001)*		
10 26 16 16-0019	LF	6-1/4" High, Wood/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRBW-10CN)	42.45	7.31
		For >50 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.12*	
		For >200, Deduct	*-7.97*	
10 26 23		**Protective Wall Covering** *(10 26)*		
10 26 23 13		**Impact Resistant Wall Protection** *(10 26 23)*		
10 26 23 13-0001		Impact Resistant Wall Protection *(10 26 23 13)*		
		Note: Includes standard trim.		
10 26 23 13-0002	SF	0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30)	7.41	2.43
10 26 23 13-0003	SF	0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40)	7.72	2.43
10 26 23 13-0004	SF	0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60)	9.51	2.43
10 26 23 13-0005		Interior Polyvinyl Chloride (PVC) Soffit System *(10 26 23 13)*		
		Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10 26 23 13-0006		"L" Design *(10 26 23 13-0005)*		
10 26 23 13-0007		L-Shield *(10 26 23 13-0006)*		
10 26 23 13-0008	LF	2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	11.13	2.43
10 26 23 13-0009	LF	3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe	13.23	3.41
10 26 23 13-0010	LF	3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe	17.32	4.38
10 26 23 13-0011	LF	5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe	23.38	5.36
10 26 23 13-0012		"Combo" Hanger *(10 26 23 13-0006)*		
10 26 23 13-0013	EA	Combination "Combo" Hanger, L-Support, For 3/4" Pipe	13.56	4.88
10 26 23 13-0014	EA	Combination "Combo" Hanger, L-Support, For 1" Pipe	15.82	5.85
10 26 23 13-0015	EA	Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe	18.30	6.83
10 26 23 13-0016	EA	Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe	20.49	7.80
10 26 23 13-0017	EA	Combination "Combo" Hanger, L-Support, For 2" Pipe	22.97	8.78
10 26 23 13-0018		Snap-2 Pipe Hanger *(10 26 23 13-0006)*		
10 26 23 13-0019	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe	11.73	4.88
10 26 23 13-0020	EA	Snap-2 Pipe Hanger, L-Support, For 1" Pipe	14.22	5.85
10 26 23 13-0021	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe	16.55	6.83
10 26 23 13-0022	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe	19.19	7.80
10 26 23 13-0023	EA	Snap-2 Pipe Hanger, L-Support, For 2" Pipe	21.90	8.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0024		**Coupling** *(10 26 23 13-0006)*		
10 26 23 13-0025	EA	Coupling, L-Shield, 1" Shield Size	7.24	2.43
10 26 23 13-0026	EA	Coupling, L-Shield, 1-1/4" Shield Size	10.41	3.41
10 26 23 13-0027	EA	Coupling, L-Shield, 2" Shield Size	14.65	4.38
10 26 23 13-0028	EA	Coupling, L-Shield, 2-1/2" Shield Size	18.28	5.36
10 26 23 13-0029		**Coupling, Reducer** *(10 26 23 13-0006)*		
10 26 23 13-0030	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	18.05	2.93
10 26 23 13-0031	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	22.07	3.41
10 26 23 13-0032	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	26.09	3.90
10 26 23 13-0033	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	95.73	4.88
10 26 23 13-0034		**Shield Clips** *(10 26 23 13-0006)*		
10 26 23 13-0035	EA	Shield Clips, L-Support, 1" Shield Size	4.38	1.46
10 26 23 13-0036	EA	Shield Clips, L-Support, 1-1/4" Shield Size	6.71	2.43
10 26 23 13-0037	EA	Shield Clips, L-Support, 2" Shield Size	8.96	3.41
10 26 23 13-0038	EA	Shield Clips, L-Support, 2-1/2" Shield Size	10.46	4.38
10 26 23 13-0039		**Wall Flange** *(10 26 23 13-0006)*		
10 26 23 13-0040	EA	Wall Flange, L-Shield, 1" Shield Size	7.09	2.43
10 26 23 13-0041	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	10.11	3.41
10 26 23 13-0042	EA	Wall Flange, L-Shield, 2" Shield Size	14.34	4.38
10 26 23 13-0043	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	51.63	5.36
10 26 23 13-0044		**End Cap** *(10 26 23 13-0006)*		
10 26 23 13-0045	EA	End Cap, L-Shield, 1" Shield Size	6.66	1.46
10 26 23 13-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size	9.15	2.43
10 26 23 13-0047	EA	End Cap, L-Shield, 2" Shield Size	12.70	3.41
10 26 23 13-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size	51.92	4.38
10 26 23 13-0049		**Inside/Outside Corner** *(10 26 23 13-0006)*		
10 26 23 13-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	38.94	4.88
10 26 23 13-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	42.34	5.85
10 26 23 13-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	51.29	7.31
10 26 23 13-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	87.30	8.78
10 26 23 13-0054		**Joiner** *(10 26 23 13-0006)*		
10 26 23 13-0055	LF	Joiner, L-Shield	8.34	1.46
10 26 23 13-0056		**"U" Design** *(10 26 23 13-0005)*		
10 26 23 13-0057		**U-Shield** *(10 26 23 13-0056)*		
10 26 23 13-0058	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	13.11	2.43
10 26 23 13-0059	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe	16.59	3.41
10 26 23 13-0060	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe	21.20	3.41
10 26 23 13-0061		**"Combo" Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe	12.11	4.88
10 26 23 13-0063	EA	Combination "Combo" Hanger, U-Support For 1" Pipe	14.44	5.85
10 26 23 13-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe	16.70	6.83
10 26 23 13-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe	20.26	7.80
10 26 23 13-0066	EA	Combination "Combo" Hanger, U-Support For 2" Pipe	22.90	8.78
10 26 23 13-0067		**Snap-2 Pipe Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe	11.58	4.88
10 26 23 13-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe	14.06	5.85
10 26 23 13-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe	16.93	6.83
10 26 23 13-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe	19.04	7.80
10 26 23 13-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe	21.83	8.78
10 26 23 13-0073		**Coupling** *(10 26 23 13-0056)*		
10 26 23 13-0074	EA	Coupling, U-Shield, 1" Shield Size	8.31	2.43
10 26 23 13-0075	EA	Coupling, U-Shield, 1-1/4" Shield Size	10.64	3.41
10 26 23 13-0076	EA	Coupling, U-Shield, 2" Shield Size	13.12	4.38
10 26 23 13-0077		**Coupling, Reducer** *(10 26 23 13-0056)*		
10 26 23 13-0078	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	21.09	2.93
10 26 23 13-0079	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size	25.12	3.41
10 26 23 13-0080	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	26.86	3.90

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0081		**Shield Clips** *(10 26 23 13-0056)*		
10 26 23 13-0082	EA	Shield Clips, U-Support, 1" Shield Size	4.07	1.46
10 26 23 13-0083	EA	Shield Clips, U-Support, 1-1/4" Shield Size	6.18	2.43
10 26 23 13-0084	EA	Shield Clips, U-Support, 2" Shield Size	8.28	3.41
10 26 23 13-0085		**Wall Flange** *(10 26 23 13-0056)*		
10 26 23 13-0086	EA	Wall Flange, U-Shield, 1" Shield Size	8.08	2.43
10 26 23 13-0087	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	10.56	3.41
10 26 23 13-0088	EA	Wall Flange, U-Shield, 2" Shield Size	13.05	4.38
10 26 23 13-0089		**End Cap** *(10 26 23 13-0056)*		
10 26 23 13-0090	EA	End Cap, U-Shield, 1" Shield Size	7.05	1.46
10 26 23 13-0091	EA	End Cap, U-Shield, 1-1/4" Shield Size	9.76	2.43
10 26 23 13-0092	EA	End Cap, U-Shield, 2" Shield Size	12.39	3.41
10 26 23 13-0093		**Inside/Outside Corner** *(10 26 23 13-0056)*		
10 26 23 13-0094	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	48.16	4.88
10 26 23 13-0095	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	53.85	5.85
10 26 23 13-0096	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	63.94	7.31
10 26 23 13-0097		**Elbow** *(10 26 23 13-0056)*		
10 26 23 13-0098	EA	Elbow, U-Shield, 1" Shield Size	47.33	4.88
10 26 23 13-0099	EA	Elbow, U-Shield, 1-1/4" Shield Size	52.33	5.85
10 26 23 13-0100	EA	Elbow, U-Shield, 2" Shield Size	62.50	7.31
10 26 23 13-0101		**Tee** *(10 26 23 13-0056)*		
10 26 23 13-0102	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size	60.59	7.31
10 26 23 13-0103	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	67.79	8.78
10 26 23 13-0104	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size	79.46	10.73
10 26 23 13-0105	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	79.08	8.29
10 26 23 13-0106	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	86.11	10.24
10 26 23 13-0107		**Cross** *(10 26 23 13-0056)*		
10 26 23 13-0108	EA	Cross, U-Shield, 1" Shield Size	107.54	9.75
10 26 23 13-0109	EA	Cross, U-Shield, 1-1/4" Shield Size	120.97	11.70
10 26 23 13-0110	EA	Cross, U-Shield, 2" Shield Size	147.25	14.63
10 26 23 13-0111	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	145.85	10.73
10 26 23 13-0112	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	161.24	13.16
10 26 23 13-0113		**Transition Fittings (L to U Or U to L)** *(10 26 23 13-0005)*		
10 26 23 13-0114		**Coupling Transition** *(10 26 23 13-0113)*		
10 26 23 13-0115	EA	Transition Coupling, 1" x 1", LxU or UxL	18.75	2.43
10 26 23 13-0116	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	21.62	3.41
10 26 23 13-0117	EA	Transition Coupling, 2" x 2", LxU or UxL	27.00	4.38
10 26 23 13-0118	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL	21.32	2.93
10 26 23 13-0119	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL	26.70	3.90
10 26 23 13-0120	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL	100.07	4.88
10 26 23 13-0121		**Elbow Transition** *(10 26 23 13-0113)*		
10 26 23 13-0122	EA	Transition Elbow, 1" x 1" (UxL)	62.65	4.88
10 26 23 13-0123	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	68.26	5.85
10 26 23 13-0124	EA	Transition Elbow, 2" x 2" (UxL)	80.33	7.31
10 26 23 13-0125	EA	Transition Elbow, 1" x 1-1/4" (UxL)	96.10	5.36
10 26 23 13-0126	EA	Transition Elbow, 1-1/4" x 1" (UxL)	68.96	5.36
10 26 23 13-0127	EA	Transition Elbow, 1-1/4" x 2" (UxL)	102.22	6.83
10 26 23 13-0128	EA	Transition Elbow, 2" x 1-1/4" (UxL)	80.19	6.83
10 26 23 13-0129	EA	Transition Elbow, 2" x 2-1/2" (UxL)	122.62	7.80
10 26 23 13-0130		**Tee Transition** *(10 26 23 13-0113)*		
10 26 23 13-0131	EA	Transition Tee, 1" x 1" x 1" (LxLxU)	72.86	7.31
10 26 23 13-0132	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	84.48	8.78
10 26 23 13-0133	EA	Transition Tee, 2" x 2" x 2" (LxLxU)	98.59	10.73
10 26 23 13-0134	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	77.33	8.29
10 26 23 13-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	119.14	9.26
10 26 23 13-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	86.79	10.24
10 26 23 13-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	117.37	12.19
10 26 23 13-0138		**Fittings (L Or U)** *(10 26 23 13-0005)*		
10 26 23 13-0139		**Hugger Hangers For Steel Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0140	EA	Hugger Hanger, For 1/2" Steel Pipe	9.40	3.90

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0141	EA	Hugger Hanger, For 3/4" Steel Pipe	11.73	4.88
10 26 23 13-0142	EA	Hugger Hanger, For 1" Steel Pipe	13.83	5.85
10 26 23 13-0143	EA	Hugger Hanger, For 1-1/4" Steel Pipe	16.01	6.83
10 26 23 13-0144	EA	Hugger Hanger, For 1-1/2" Steel Pipe	18.13	7.80
10 26 23 13-0145	EA	Hugger Hanger, For 2" Steel Pipe	20.38	7.80
10 26 23 13-0146	EA	Hugger Hanger, For 2-1/2" Steel Pipe	22.48	9.75
10 26 23 13-0147	EA	Hugger Hanger, For 3" Steel Pipe	27.25	10.73
10 26 23 13-0148		Hugger Hangers For Copper Pipe *(10 26 23 13-0138)*		
10 26 23 13-0149	EA	Hugger Hanger, For 1/2" Copper Pipe	9.48	3.90
10 26 23 13-0150	EA	Hugger Hanger, For 3/4" Copper Pipe	11.81	4.88
10 26 23 13-0151	EA	Hugger Hanger, For 1" Copper Pipe	13.91	5.85
10 26 23 13-0152	EA	Hugger Hanger, For 1-1/4" Copper Pipe	16.09	6.83
10 26 23 13-0153	EA	Hugger Hanger, For 1-1/2" Copper Pipe	18.20	7.80
10 26 23 13-0154	EA	Hugger Hanger, For 2" Copper Pipe	20.53	8.78
10 26 23 13-0155	EA	Hugger Hanger, For 2-1/2" Copper Pipe	22.63	9.75
10 26 23 13-0156	EA	Hugger Hanger, For 3" Copper Pipe	27.48	10.73
10 26 23 13-0157		Shield Extension (L Or U) *(10 26 23 13-0138)*		
10 26 23 13-0158	LF	Shield Extension	9.94	1.46
10 26 23 13-0159		Interior Steel Soffit System *(10 26 23 13)*		
		Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.		
10 26 23 13-0160	SF	24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	19.85	4.38
		For 22 Gauge Steel, Add	*1.11*	
		For 20 Gauge Steel, Add	*2.37*	
		For 18 Gauge Steel, Add	*4.65*	
		For 16 Gauge Steel, Add	*7.14*	
		For Stainless Steel, Add	*2.77*	
10 26 23 13-0161	EA	U-Shield Wall Flange (JG Innovations Soffi-Steel)	34.47	12.19
		For Stainless Steel, Add	*2.52*	
10 26 23 13-0162	EA	U-Shield Corner (JG Innovations Soffi-Steel)	77.33	14.63
		For Stainless Steel, Add	*11.78*	
10 26 23 13-0163	EA	U-Shield End Cap (JG Innovations Soffi-Steel)	25.39	7.31
		For Stainless Steel, Add	*2.69*	
10 26 23 13-0164	EA	U-Shield Clip (JG Innovations Soffi-Steel)	6.28	2.93
		For Stainless Steel, Add	*0.11*	
10 26 23 13-0165	SF	24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	22.21	4.38
		For 22 Gauge Steel, Add	*1.01*	
		For 20 Gauge Steel, Add	*2.15*	
		For 18 Gauge Steel, Add	*4.16*	
		For 16 Gauge Steel, Add	*6.98*	
		For Stainless Steel, Add	*3.36*	
10 26 23 13-0166	EA	L-Shield Wall Flange (JG Innovations Soffi-Steel)	34.47	12.19
		For Stainless Steel, Add	*2.52*	
10 26 23 13-0167	EA	L-Shield Corner (JG Innovations Soffi-Steel)	77.33	14.63
		For Stainless Steel, Add	*11.78*	
10 26 23 13-0168	EA	L-Shield End Cap (JG Innovations Soffi-Steel)	21.49	5.36
		For Stainless Steel, Add	*2.69*	
10 26 23 13-0169	EA	L-Shield Clip (JG Innovations Soffi-Steel)	6.28	2.93
		For Stainless Steel, Add	*0.11*	
10 26 41		**Bullet Resistant Panels** *(10 26)*		
10 26 41 00-0001		Laminated Bullet Resistant Fiberglass Panel *(10 26 41)*		
		Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.		
10 26 41 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	14.29	1.38
10 26 41 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	19.05	1.47
10 26 41 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF	21.42	1.57
10 26 41 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF	22.82	1.67
10 26 41 00-0006	SF	3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 LB/SF	24.67	1.77
10 26 41 00-0007	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF	26.50	1.86
10 26 41 00-0008	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF	43.77	2.26
10 26 41 00-0009	SF	1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 LB/SF	62.71	3.54
10 26 41 00-0010	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF	74.16	4.22
10 26 41 00-0011	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF	90.07	4.62
10 26 41 00-0012	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 LB/SF	102.04	4.91

10 28 Toilet, Bath, And Laundry Accessories *(10 20)*

10 28 13 Toilet Accessories *(10 28)*

10 28 13 13 Commercial Toilet Accessories *(10 28 13)*

10 28 13 13-0001 Toilet Accessories *(10 28 13 13)*

10 28 13 13-0002 Dispensers *(10 28 13 13-0001)*

10 28 13 13-0003 Paper Towel Dispensers *(10 28 13 13-0002)*

10 28 13 13-0004 Stainless Steel Paper Towel Dispensers *(10 28 13 13-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	85.00	21.93
10 28 13 13-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	90.19	21.93
10 28 13 13-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	90.96	21.93
10 28 13 13-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	92.44	21.93
10 28 13 13-0009	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	133.43	21.93
10 28 13 13-0010	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	145.30	21.93
10 28 13 13-0011	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	155.81	21.93
10 28 13 13-0012	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	156.06	9.75
10 28 13 13-0013	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	265.41	21.93
10 28 13 13-0014	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	309.28	21.93
10 28 13 13-0015	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	334.41	21.93
10 28 13 13-0016	EA	Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)	195.94	21.93
10 28 13 13-0017	EA	Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)	96.17	12.18

10 28 13 13-0018 Plastic Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0019	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	67.31	21.93
10 28 13 13-0020	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	126.89	21.93
10 28 13 13-0021	EA	Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	126.09	21.93
10 28 13 13-0022	EA	Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)	108.96	21.93

10 28 13 13-0023 Aluminum Paper Towel Dispensers *(10 28 13 13-0003)*

10 28 13 13-0024	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	72.51	21.93

10 28 13 13-0025 Toilet Tissue Dispensers *(10 28 13 13-0002)*

10 28 13 13-0026 Plastic Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0027	EA	Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	67.12	21.93
10 28 13 13-0028	EA	Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	185.03	21.93
10 28 13 13-0029	EA	Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)	59.59	21.93
10 28 13 13-0030	EA	Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)	68.44	21.93

10 28 13 13-0031 Cast Aluminum Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0032	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	61.75	21.93
10 28 13 13-0033	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	62.13	21.93
10 28 13 13-0034	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	64.82	21.93
10 28 13 13-0035	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	69.81	21.93
10 28 13 13-0036	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	88.26	21.93

10 28 13 13-0037 Stainless Steel Toilet Tissue Dispensers *(10 28 13 13-0025)*

10 28 13 13-0038	EA	Single Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	54.25	21.93
10 28 13 13-0039	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	79.23	21.93
10 28 13 13-0040	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	79.35	21.93
10 28 13 13-0041	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	91.15	21.93
10 28 13 13-0042	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	61.36	21.93
10 28 13 13-0043	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	97.10	21.93
10 28 13 13-0044	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	134.73	21.93
10 28 13 13-0045	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	138.04	21.93
10 28 13 13-0046	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	174.33	21.93
10 28 13 13-0047	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	197.04	21.93
10 28 13 13-0048	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386) Note: Mounts centered through toilet partitions.	246.04	21.93
10 28 13 13-0049	EA	Stainless Steel Shelf And Double Roll Toilet Tissue Dispenser (Bobrick B-2840)	110.17	21.93
10 28 13 13-0050	EA	Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	102.66	21.93
10 28 13 13-0051	EA	Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796)	84.83	21.93

10 28 13 13-0052 Soap Dispensers *(10 28 13 13-0002)*

10 28 13 13-0053	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	78.27	21.93
		For 34 Fluid Ounce (B-822), Add	*4.44*	
10 28 13 13-0054	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	84.04	21.93
		For 34 Fluid Ounce (B-822), Add	*4.44*	
10 28 13 13-0055	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	56.36	21.93
10 28 13 13-0056	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	60.40	21.93
10 28 13 13-0057	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	73.11	21.93
10 28 13 13-0058	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	74.77	21.93
10 28 13 13-0059	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	79.42	21.93
10 28 13 13-0060	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	97.68	21.93
10 28 13 13-0061	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	161.44	21.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0062	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	250.04	21.93
10 28 13 13-0063	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18) Note: Includes start-up kit.	159.77	21.93
10 28 13 13-0064		**Facial Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0065	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	88.65	21.93
10 28 13 13-0066	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	67.80	21.93
10 28 13 13-0067		**Sanitary Toilet Seat Cover Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0068	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	55.59	21.93
10 28 13 13-0069	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	70.78	21.93
10 28 13 13-0070	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	118.63	21.93
10 28 13 13-0071	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	126.28	21.93
10 28 13 13-0072	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	237.55	21.93
10 28 13 13-0073		**Sanitary Toilet Seat Cover/Toilet Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0074	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	369.71	21.93
10 28 13 13-0075	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	230.96	21.93
10 28 13 13-0076		**Sanitary Napkin/Tampon Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0077	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C)	454.19	21.93
10 28 13 13-0078	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25)	347.71	21.93
10 28 13 13-0079	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706)	460.05	21.93
10 28 13 13-0080	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	352.67	21.93
10 28 13 13-0081	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4)	311.49	21.93
10 28 13 13-0082		**Toilet Compartment Combination Dispenser/Disposals** *(10 28 13 13-0002)*		
10 28 13 13-0083	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	335.10	48.75
10 28 13 13-0084	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	371.74	48.75
10 28 13 13-0085	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	311.81	48.75
10 28 13 13-0086	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	430.55	48.75
10 28 13 13-0087	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	441.88	48.75
10 28 13 13-0088	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	505.11	48.75
10 28 13 13-0089	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579)	474.87	48.75
10 28 13 13-0090		**Receptacles** *(10 28 13 13-0001)*		
10 28 13 13-0091		**Wall Mounted Waste Receptacles** *(10 28 13 13-0090)*		
10 28 13 13-0092	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	79.40	21.93
10 28 13 13-0093	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	125.55	21.93
10 28 13 13-0094	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	289.29	48.75
10 28 13 13-0095	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	419.21	48.75
10 28 13 13-0096	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275)	336.38	48.75
10 28 13 13-0097		**Floor-Standing/Counter Waste Receptacles** *(10 28 13 13-0090)*		
10 28 13 13-0098	EA	5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	92.01	21.93
10 28 13 13-0099	EA	5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	127.66	21.93
10 28 13 13-0100	EA	13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260)	229.87	9.75
10 28 13 13-0101	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	345.57	9.75
10 28 13 13-0102	EA	18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300)	324.01	9.75
10 28 13 13-0103	EA	21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280)	311.75	9.75
10 28 13 13-0104		**Combination Paper Towel Dispenser/ Waste Receptacle** *(10 28 13 13-0090)*		
10 28 13 13-0105	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-369)	243.17	48.75
10 28 13 13-0106	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-4369)	378.27	48.75
10 28 13 13-0107	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3944)	372.90	48.75
10 28 13 13-0108	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3900)	532.50	48.75
10 28 13 13-0109	EA	12 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3909)	725.21	48.75
10 28 13 13-0110	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-3961)	616.20	48.75
10 28 13 13-0111	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3949)	479.77	48.75
10 28 13 13-0112	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-39619)	764.18	48.75
10 28 13 13-0113	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-43944)	710.32	53.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0114	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3947)	485.07	53.63

10 28 13 13-0115 Sanitary Napkin/Tampon Receptacles *(10 28 13 13-0090)*

10 28 13 13-0116	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	75.08	24.37
10 28 13 13-0117	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	138.47	24.37
10 28 13 13-0118	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	149.65	24.37
10 28 13 13-0119	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303)	334.53	24.37
10 28 13 13-0120	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	182.70	24.37
10 28 13 13-0121	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	311.66	24.37

10 28 13 13-0122 Grab Bars *(10 28 13 13-0001)*

10 28 13 13-0123 1-1/4" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0122)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0124	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12)	71.48	19.50
		For Peened Grip, Add	*3.36*	
10 28 13 13-0125	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	81.03	19.50
		For Peened Grip, Add	*4.22*	
10 28 13 13-0126	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	81.99	19.50
		For Peened Grip, Add	*4.31*	
10 28 13 13-0127	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	82.44	19.50
		For Peened Grip, Add	*4.35*	
10 28 13 13-0128	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	82.57	19.50
		For Peened Grip, Add	*4.36*	
10 28 13 13-0129	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	84.88	19.50
		For Peened Grip, Add	*4.57*	
10 28 13 13-0130	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	88.52	19.50
		For Peened Grip, Add	*4.90*	

10 28 13 13-0131 1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0122)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0132	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	131.84	19.50
		For Peened Grip, Add	*8.36*	
10 28 13 13-0133	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	134.33	19.50
		For Peened Grip, Add	*8.58*	

10 28 13 13-0134 1-1/2" Diameter, Stainless Steel Grab Bars *(10 28 13 13-0122)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0135	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	80.24	19.50
		For Peened Grip, Add	*4.15*	
10 28 13 13-0136	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	81.03	19.50
		For Peened Grip, Add	*4.22*	
10 28 13 13-0137	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	82.57	19.50
		For Peened Grip, Add	*4.36*	
10 28 13 13-0138	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	84.11	19.50
		For Peened Grip, Add	*4.50*	
10 28 13 13-0139	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	86.03	19.50
		For Peened Grip, Add	*4.67*	
10 28 13 13-0140	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	87.76	19.50
		For Peened Grip, Add	*4.83*	
10 28 13 13-0141	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	91.98	19.50
		For Peened Grip, Add	*5.21*	

10 28 13 13-0142 1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars *(10 28 13 13-0122)*

Note: Includes satin finish and concealed mounting with snap flange.

10 28 13 13-0143	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	121.45	19.50
		For Peened Grip, Add	*7.42*	
10 28 13 13-0144	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	129.73	19.50
		For Peened Grip, Add	*8.17*	
10 28 13 13-0145	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	114.15	19.50
		For Peened Grip, Add	*6.76*	

10 28 13 13-0146 1-1/4" Diameter, Stainless Steel Swing Up Grab Bars *(10 28 13 13-0122)*

Note: Includes satin finish.

10 28 13 13-0147	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	334.72	19.50
		For Peened Grip, Add	*27.05*	

10 28 13 13-0148 Shelves *(10 28 13 13-0001)*

10 28 13 13-0149	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	93.26	21.93
10 28 13 13-0150	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	95.57	21.93
10 28 13 13-0151	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	106.14	21.93
10 28 13 13-0152	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36)	108.80	21.93
10 28 13 13-0153	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	104.61	21.93
10 28 13 13-0154	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24)	105.86	21.93
10 28 13 13-0155	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	112.10	21.93
10 28 13 13-0156	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	121.13	21.93
10 28 13 13-0157	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36)	140.21	21.93
10 28 13 13-0158	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	112.29	21.93
10 28 13 13-0159	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683)	114.21	21.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0160	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	396.10	21.93
10 28 13 13-0161	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	426.87	21.93
10 28 13 13-0162	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	474.37	21.93
10 28 13 13-0163	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	603.60	21.93
10 28 13 13-0164	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	839.03	21.93
10 28 13 13-0165	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	308.54	21.93

10 28 13 13-0166 Changing Stations *(10 28 13 13-0001)*

10 28 13 13-0167	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1)	331.77	29.25
10 28 13 13-0168	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	350.33	29.25
10 28 13 13-0169	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00)	292.87	29.25
10 28 13 13-0170	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE)	1,349.15	29.25
10 28 13 13-0171	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM)	1,560.84	29.25
10 28 13 13-0172	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE)	1,349.15	29.25
10 28 13 13-0173	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM)	1,560.84	29.25

10 28 13 13-0174 Folding Shower Seats *(10 28 13 13-0001)*

10 28 13 13-0175	EA	33" Width, Wall-Mounted, Reversible, Folding , Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)	421.65	39.00
10 28 13 13-0176	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518)	542.72	39.00
10 28 13 13-0177	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	1,138.40	39.00
10 28 13 13-0178	EA	33-1/2" Width, Wall-Mounted, Stainless Steel, ADA Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32)	2,183.30	

10 28 13 13-0179 Soap/Dish Holders *(10 28 13 13-0001)*

10 28 13 13-0180	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679)	52.19	21.93
10 28 13 13-0181	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	53.53	21.93
10 28 13 13-0182	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	89.18	21.93
10 28 13 13-0183	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	95.91	21.93

10 28 13 13-0184 Shower Curtains/Curtain Rods *(10 28 13 13-0001)*

10 28 13 13-0185	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	2.55	0.97
10 28 13 13-0186	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2) Note: Requires 7 curtain hooks.	38.92	9.75
10 28 13 13-0187	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3) Note: Requires 12 curtain hooks.	40.55	9.75
10 28 13 13-0188	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	70.97	21.93
10 28 13 13-0189	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	75.20	21.93
10 28 13 13-0190	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	80.39	21.93
10 28 13 13-0191	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	86.73	21.93
10 28 13 13-0192	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	63.67	21.93
10 28 13 13-0193	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48)	68.66	21.93
10 28 13 13-0194	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	71.55	21.93
10 28 13 13-0195	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	75.20	21.93
10 28 13 13-0196	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	65.78	21.93
10 28 13 13-0197	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	70.01	21.93
10 28 13 13-0198	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	75.00	21.93
10 28 13 13-0199	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	78.46	21.93

10 28 13 13-0200 Hand Dryers *(10 28 13 13-0001)*

10 28 13 13-0201	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	385.65	24.97
10 28 13 13-0202	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V)	413.89	24.97
10 28 13 13-0203	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V)	456.56	24.97
10 28 13 13-0204	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	638.71	24.97
10 28 13 13-0205	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A)	1,235.76	24.97
10 28 13 13-0206	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	1,395.43	24.97
10 28 13 13-0207	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	1,249.75	24.97
10 28 13 13-0208	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	1,299.52	24.97
10 28 13 13-0209	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	1,352.62	24.97
10 28 13 13-0210	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	1,607.29	24.97
10 28 13 13-0211	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	1,034.99	24.97
10 28 13 13-0212	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	1,716.28	24.97
10 28 13 13-0213	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	773.70	24.97
10 28 13 13-0214	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	814.98	24.97
10 28 13 13-0215	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	838.58	24.97
10 28 13 13-0216	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	862.17	24.97
10 28 13 13-0217	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	909.36	24.97
10 28 13 13-0218	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9) Note: Electronically adjustable sound and speed.	632.13	24.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0219	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M)	673.42	24.97
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0220	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG)	697.01	24.97
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0221	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C)	720.61	24.97
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0222	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS)	767.80	24.97
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0223	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7)	632.13	24.97
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0224	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M)	673.42	24.97
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0225	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG)	697.01	24.97
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0226	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C)	720.61	24.97
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0227	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS)	767.80	24.97
		Note: Electronically adjustable sound and speed.		
10 28 13 13-0228	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	466.97	24.97
10 28 13 13-0229	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M)	508.26	24.97
10 28 13 13-0230	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG)	531.86	24.97
10 28 13 13-0231	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C)	555.45	24.97
10 28 13 13-0232	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS)	602.64	24.97
10 28 13 13-0233	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H)	466.97	24.97
10 28 13 13-0234	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH)	508.26	24.97
10 28 13 13-0235	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH)	531.86	24.97
10 28 13 13-0236	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH)	555.45	24.97
10 28 13 13-0237	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH)	602.64	24.97
10 28 13 13-0238	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1)	349.00	24.97
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M)	390.29	24.97
10 28 13 13-0240	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C)	437.48	24.97

10 28 13 13-0241 Hand Dryers (Excel XLERATOR®) *(10 28 13 13-0001)*

Note: With or without noise reduction nozzle options.

10 28 13 13-0242	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W)	648.29	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0243	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-WH)	898.42	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR)	754.50	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With HEPA Filtration System (Excel Xlerator XL-GRH)	934.39	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0246	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C)	808.47	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0247	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-CH)	988.36	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0248	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB)	808.47	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-SBH)	988.36	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0250	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP)	754.50	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0251	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-SPH)	934.39	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0252	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW)	682.54	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0253	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-BWH)	862.44	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO)	648.29	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-WH-ECO)	898.42	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0256	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO)	754.50	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0257	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-GRH-ECO)	934.39	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0258	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO)	808.47	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0259	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-CH-ECO)	988.36	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0260	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO)	808.47	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-SBH-ECO)	988.36	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO)	754.50	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0263	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-SPH-ECO)	934.39	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0264	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO)	682.54	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0265	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-BWH-ECO)	862.44	24.97
		For ADA-Compliant Recess Kit, Add	*163.46*	
10 28 13 13-0266		Additional Accessories *(10 28 13 13-0001)*		
10 28 13 13-0267		Hooks *(10 28 13 13-0266)*		
10 28 13 13-0268	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	25.85	9.75
10 28 13 13-0269	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	30.07	9.75
10 28 13 13-0270	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	26.23	9.75
10 28 13 13-0271	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	28.11	9.75
10 28 13 13-0272	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	43.90	9.75
10 28 13 13-0273	EA	Single Stainless Steel Robe Hook (Bobrick B-6717)	40.06	9.75
10 28 13 13-0274		Clotheslines *(10 28 13 13-0266)*		
10 28 13 13-0275	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636)	45.19	19.50
10 28 13 13-0276		Towel Bars *(10 28 13 13-0266)*		
10 28 13 13-0277	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	56.07	21.93
10 28 13 13-0278	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	56.21	21.93
10 28 13 13-0279	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	61.85	21.93
10 28 13 13-0280	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	62.39	21.93
10 28 13 13-0281	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	87.11	21.93
10 28 13 13-0282	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	90.38	21.93
10 28 13 13-0283	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	89.61	21.93
10 28 13 13-0284	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	92.30	21.93
10 28 13 13-0285	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	97.11	21.93
10 28 13 13-0286	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	99.97	21.93
10 28 13 13-0287	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	76.16	21.93
10 28 13 13-0288	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	78.65	21.93
10 28 13 13-0289		Towel Bar With Shelf *(10 28 13 13-0266)*		
10 28 13 13-0290	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	160.14	21.93
10 28 13 13-0291		Towel Pins *(10 28 13 13-0266)*		
10 28 13 13-0292	EA	Stainless Steel Towel Pin (Bobrick B-677)	42.56	9.75
10 28 13 13-0293		Mirrors *(10 28 13 13)*		
10 28 13 13-0294		Stainless Steel Channel Frame Glass Mirrors *(10 28 13 13-0293)*		
10 28 13 13-0295	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	93.00	24.37
10 28 13 13-0296	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824)	103.55	24.37
10 28 13 13-0297	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830)	107.20	24.37
		For Tempered Glass (B-1658), Add	*30.67*	
10 28 13 13-0298	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836)	114.69	24.37
		For Tempered Glass (B-1658), Add	*35.92*	
10 28 13 13-0299	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430)	124.30	24.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0300	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436)	128.34	24.37
		For Tempered Glass (B-1658), Add	*45.47*	
10 28 13 13-0301	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448)	154.86	24.37
10 28 13 13-0302	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460)	176.58	24.37
10 28 13 13-0303	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	209.77	24.37
10 28 13 13-0304	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836)	260.18	24.37
10 28 13 13-0305	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	290.81	24.37
10 28 13 13-0306		**Stainless Steel Channel Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0293)*		
10 28 13 13-0307	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	159.85	24.37
10 28 13 13-0308	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	171.19	24.37
10 28 13 13-0309	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	178.69	24.37
10 28 13 13-0310	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	199.83	24.37
10 28 13 13-0311		**Stainless Steel Angle Frame Glass Mirrors** *(10 28 13 13-0293)*		
10 28 13 13-0312	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	143.88	24.37
10 28 13 13-0313	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	156.40	24.37
		For Tempered Glass (B-2908), Add	*61.39*	
10 28 13 13-0314	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836)	160.62	24.37
		For Tempered Glass (B-2908), Add	*64.18*	
10 28 13 13-0315	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	185.61	24.37
10 28 13 13-0316	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436)	186.57	24.37
		For Tempered Glass (B-2908), Add	*81.31*	
10 28 13 13-0317	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448)	244.42	24.37
10 28 13 13-0318	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	284.77	24.37
10 28 13 13-0319	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	322.45	24.37
10 28 13 13-0320	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	219.86	24.37
10 28 13 13-0321	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)	264.77	24.37
10 28 13 13-0322	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	397.61	24.37
10 28 13 13-0323		**Stainless Steel Angle Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0293)*		
10 28 13 13-0324	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24)	148.26	24.37
10 28 13 13-0325	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)	278.05	24.37
10 28 13 13-0326	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)	290.74	24.37
10 28 13 13-0327	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)	322.45	24.37
10 28 13 13-0328		**Frameless Stainless Steel Mirrors** *(10 28 13 13-0293)*		
10 28 13 13-0329	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830)	159.47	24.37
10 28 13 13-0330	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436)	201.94	24.37
10 28 13 13-0331		**Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors** *(10 28 13 13-0293)*		
10 28 13 13-0332	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)	211.55	24.37
10 28 13 13-0333	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)	219.82	24.37
10 28 13 13-0334	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)	263.06	24.37
10 28 13 13-0335	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)	320.14	24.37
10 28 13 13-0336		**Medicine Cabinets** *(10 28 13 13)*		
10 28 13 13-0337		**Metal Medicine Cabinets** *(10 28 13 13-0336)*		
10 28 13 13-0338	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)	466.06	48.75
10 28 13 13-0339	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397) Note: Includes three adjustable plastic shelves.	194.65	48.75
10 28 13 13-0340	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) Note: Includes two fixed shelves with baked white enamel finish.	200.12	48.75
10 28 13 13-0341	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) Note: Includes four adjustable stainless steel shelves.	408.64	48.75
10 28 13 13-0342	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) Note: Includes four adjustable shelves.	551.82	48.75
10 28 13 13-0343		**Janitorial Material** *(10 28 13 13)*		
10 28 13 13-0344	EA	Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670)	40.06	9.75
10 28 13 13-0345	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)	102.68	21.93
10 28 13 13-0346	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)	99.22	21.93
10 28 13 13-0347	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1)	111.39	21.93
10 28 13 13-0348	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	123.44	21.93
10 28 13 13-0349	EA	36" Length, Utility Hook Strip (Gamco HCS-2)	85.71	21.93
10 28 13 13-0350	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)	220.68	21.93
10 28 13 13-0351	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)	313.51	21.93
10 28 13 13-0352		**Remove And Reinstall Bathroom Accessories** *(10 28 13 13)*		
10 28 13 13-0353	EA	Removal And Reinstallation Of Bathroom Accessory	30.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 19		**Healthcare Toilet Accessories** *(10 28 13)*		
10 28 13 19-0001	EA	Surface Mounted, Stainless Steel Bedpan/Urinal Holder (Bradley BR-9905)	144.82	30.52
10 28 13 19-0002	EA	Recessed Mounted, Stainless Steel Bedpan Storage Cabinet (Bradley BR-990)	500.95	30.52
10 28 13 19-0003	EA	Stainless Steel Foot Operated Soap Dispenser (Bradley BR-6843)	195.25	81.22
10 28 16		**Bath Accessories** *(10 28)*		
10 28 16 13		**Residential Bath Accessories** *(10 28 16)*		
10 28 16 13-0001		Residential Toilet Accessories *(10 28 16 13)*		
10 28 16 13-0002		Residential, Recessed, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0003	EA	Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder	87.32	21.93
10 28 16 13-0004	EA	Recessed Mounted, Chrome Plated Soap Dish	119.96	21.93
10 28 16 13-0005	EA	Recessed Mounted, Chrome Plated Soap Dish And Bar	126.60	21.93
10 28 16 13-0006	EA	Recessed Mounted, Chrome Plated Tumbler Holder	90.13	21.93
10 28 16 13-0007		Residential, Surface Mounted, Chrome Plated Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0008	EA	Surface Mounted, Chrome Plated Soap Dish	55.76	14.63
10 28 16 13-0009	EA	Surface Mounted, Chrome Plated Single Clothes Hook	63.16	14.63
10 28 16 13-0010	EA	Surface Mounted, Chrome Plated Double Clothes Hook	63.16	14.63
10 28 16 13-0011	LF	6" Deep, Surface Mounted, Chrome Plated Supports, Glass Shelf	120.85	14.63
10 28 16 13-0012	LF	6" Deep, Surface Mounted, Stainless Steel Shelf	102.24	14.63
10 28 16 13-0013	EA	18" Length, Surface Mounted, Chrome Plated Towel Bar	72.15	19.50
10 28 16 13-0014	EA	24" Length, Surface Mounted, Chrome Plated Towel Bar	72.98	19.50
10 28 16 13-0015	EA	Surface Mounted, Chrome Plated Towel Ring	53.94	14.63
10 28 16 13-0016	EA	Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder	41.14	21.93
10 28 16 13-0017	EA	Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	55.76	14.63
10 28 16 13-0018	EA	Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	105.37	14.63
10 28 16 13-0019	EA	Surface Mounted, Chrome Plated Globe Soap Dispenser	65.72	14.63
10 28 16 13-0020	EA	Surface Mounted, Chrome Plated Towel Pin	69.07	14.63
10 28 16 13-0021	EA	Surface Mounted, Chrome Plated Towel Ladder And Shelf	181.86	14.63
10 28 16 13-0022	EA	Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline	98.60	14.63
10 28 16 13-0023	EA	24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar	67.78	14.63
10 28 16 13-0024		Residential Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0025	EA	Surface Mounted Plastic Paper Towel Dispenser	67.53	21.93
10 28 16 13-0026	EA	Surface Mounted Plastic Napkin Disposal	62.31	21.93
10 28 16 13-0027	EA	50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent	64.15	
10 28 16 13-0028	EA	50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps	69.68	21.93
10 28 16 13-0029	EA	Multi Roll (2) Plastic Toilet Tissue Dispenser	67.54	21.93
10 28 16 13-0030	EA	Single Jumbo Roll Plastic Toilet Tissue Dispenser	82.70	26.81
10 28 16 13-0031	EA	Surface Mounted Plastic Toilet Seat Cover Dispenser	50.69	19.50
10 28 16 13-0032	EA	13 Gallon Plastic Waste Door For Countertops	143.79	36.56
10 28 16 13-0033		Residential Medicine Cabinets, Solid Oak *(10 28 16 13-0001)* Note: Surface or recessed mounted, premium quality.		
10 28 16 13-0034	EA	24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	678.49	48.75
10 28 16 13-0035	EA	24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	817.84	48.75
10 28 16 13-0036	EA	30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror	723.84	48.75
10 28 16 13-0037	EA	30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	879.70	48.75
10 28 16 13-0038	EA	36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	752.44	48.75
10 28 16 13-0039	EA	36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	934.06	48.75
10 28 16 13-0040	EA	48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	791.72	48.75
10 28 16 13-0041	EA	48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	1,000.48	48.75
10 28 19		**Tub and Shower Enclosures** *(10 28)*		
10 28 19 16		**Shower Doors** *(10 28 19)*		
10 28 19 16-0001		Swinging Shower Doors *(10 28 19 16)*		
10 28 19 16-0002		Framed, Swinging Shower Doors *(10 28 19 16-0001)*		
10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	378.32	48.64
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	396.72	24.33
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	473.09	24.33
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	394.77	24.33
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	420.85	24.33
10 28 19 16-0008		Frameless, Swinging Shower Doors *(10 28 19 16-0001)*		
10 28 19 16-0009	EA	24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D)	574.74	24.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 19 16-0010	EA	31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D)	600.26	24.33
10 28 19 16-0011	EA	32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D)	624.29	24.33
10 28 19 16-0012	EA	34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D)	649.81	24.33
10 28 19 16-0013	EA	35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D)	674.58	24.33

10 28 19 16-0014 Sliding Shower Doors *(10 28 19 16)*

10 28 19 16-0015 Framed, Sliding Shower Doors *(10 28 19 16-0014)*

10 28 19 16-0016	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	629.52	24.33
10 28 19 16-0017	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	577.87	24.33
10 28 19 16-0018	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	591.78	24.33
10 28 19 16-0019	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	606.58	24.33
10 28 19 16-0020	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	614.84	24.33
10 28 19 16-0021	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	627.05	24.33

10 28 19 16-0022 Frameless, Sliding Shower Doors *(10 28 19 16-0014)*

10 28 19 16-0023	EA	40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335)	652.14	24.33
10 28 19 16-0024	EA	44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345)	792.66	24.33
10 28 19 16-0025	EA	56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394)	839.95	24.33
10 28 19 16-0026	EA	40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330)	759.72	24.33
10 28 19 16-0027	EA	44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370)	770.08	24.33
10 28 19 16-0028	EA	56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390)	866.32	24.33

10 28 19 19 Tub Doors *(10 28 19)*

10 28 19 19-0001 Sliding Bathtub Doors *(10 28 19 19)*

10 28 19 19-0002 Framed, Sliding Bathtub Doors *(10 28 19 19-0001)*

10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	562.34	24.33
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	568.29	24.33
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	581.75	24.33

10 40 Safety Specialties *(10)*

10 41 Emergency Access And Information Cabinets *(10 40)*

10 41 13 Fire Department Plan Cabinets *(10 41)*

10 41 13 00-0001 Fire Department Plan Cabinets (Knox) *(10 41 13)*

10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	994.29	31.68
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*58.64*	
		For Swing Key Hook Panel, Add	*157.64*	
		For Non-Locking Weather Housing, Add	*395.91*	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,053.06	31.68
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*58.64*	
		For Swing Key Hook Panel, Add	*157.64*	
		For Second Swing Key Hook Panel, Add	*124.64*	
		For Non-Locking Weather Housing, Add	*395.91*	

10 41 16 Emergency Key Cabinets *(10 41)*

10 41 16 00-0001 Emergency Key Cabinets (Knox) *(10 41 16)*

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)	506.53	31.68
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200)	447.77	31.68
		For Lift-Off Door, Deduct	*-40.00*	
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*58.19*	
		For Cast-In-Place Concrete Recess Mounting, Add	*119.00*	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100)	591.74	31.68
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*58.19*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*130.00*	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)	628.47	31.68
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*58.19*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*135.00*	

10 44 Fire Protection Specialties *(10 40)*

10 44 13 Fire Protection Cabinets *(10 44)*

10 44 13 00-0001 Fire Extinguisher Cabinets *(10 44 13)*

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	334.86	39.97
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	341.15	39.97
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	342.41	39.97
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	381.41	39.97
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	483.31	39.97
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	497.15	39.97

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	336.91	39.97
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	342.63	39.97
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	352.17	39.97
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	368.39	39.97
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	418.56	39.97
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	433.82	39.97

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	439.95	39.97
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	450.81	39.97
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	456.24	39.97
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	493.33	39.97
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	568.05	39.97
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	590.66	39.97

10 44 13 00-0024 Bronze Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	953.79	39.97
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	960.39	39.97
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,094.96	39.97

10 44 13 00-0028 Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.

10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	416.63	39.97
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	464.44	39.97

10 44 13 00-0031 Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0032 Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	368.83	39.97
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	381.41	39.97
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	382.66	39.97
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	425.44	39.97
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	510.98	39.97
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	524.82	39.97

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0039		Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	379.45	39.97
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	393.76	39.97
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	402.35	39.97
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	418.56	39.97
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	474.84	39.97
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	488.20	39.97
10 44 13 00-0046		Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	487.52	39.97
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	500.19	39.97
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	505.62	39.97
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	533.66	39.97
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	603.33	39.97
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	618.71	39.97
10 44 13 00-0053		Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,188.69	39.97
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,194.23	39.97
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,361.38	39.97
10 44 13 00-0057		Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets *(10 44 13 00-0031)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	461.92	39.97
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	507.21	39.97
10 44 13 00-0060		Surface Mounted Fire Extinguisher Cabinets *(10 44 13 00-0001)*		
10 44 13 00-0061		Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	358.76	39.97
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	366.31	39.97
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	426.70	39.97
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	500.92	39.97
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	521.05	39.97
10 44 13 00-0067		Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	470.07	39.97
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	482.47	39.97
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	510.13	39.97
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	564.51	39.97
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	587.40	39.97
10 44 13 00-0073		Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	566.24	39.97
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	583.43	39.97
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	625.95	39.97
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	708.28	39.97
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	733.62	39.97
10 44 13 00-0079		Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,356.16	39.97
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	1,522.03	39.97
10 44 13 00-0082		Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets *(10 44 13 00-0060)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	434.24	39.97
10 44 13 00-0084	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	489.60	39.97
10 44 13 00-0085	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	683.34	39.97
10 44 13 00-0086		Fire Extinguisher Cabinet Accessories *(10 44 13 00-0001)*		
10 44 13 00-0087	EA	Standard Break Glass Cylinder Lock Mechanism	34.03	12.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0088	EA	Breaker Bar And Chain For Break Glass Cabinets	30.65	12.18
10 44 13 00-0089	EA	Replacement Standard Pull Handle	28.59	12.18
10 44 13 00-0090	EA	Fire Extinguisher Cabinet Battery Operated Alarm	92.21	24.37
10 44 13 00-0091	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	131.50	
10 44 13 00-0092	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets	144.65	
10 44 13 00-0093	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets	197.25	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets	269.58	
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets	315.60	
10 44 13 00-0096	EA	Replace Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets	76.27	
10 44 13 00-0097	EA	Replace Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	78.90	
10 44 13 00-0098	EA	Replace Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets	105.20	
10 44 13 00-0099	EA	Replace Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets	190.68	
10 44 13 00-0100	EA	Replace Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets	193.30	
10 44 13 00-0101	EA	Replace Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets	105.57	
10 44 13 00-0102	EA	Replace Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets	110.85	
10 44 13 00-0103	EA	Replace Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets	149.56	
10 44 13 00-0104	EA	Replace Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets	263.92	
10 44 13 00-0105	EA	Replace Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets	267.44	

10 44 13 00-0106 Fire Hose Cabinets *(10 44 13)*

Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0014 for fire hose angle valves.

10 44 13 00-0107 Recessed Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0108 Steel Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	529.45	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	539.58	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	548.02	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	556.47	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	566.59	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	593.58	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	602.03	114.54
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0116 Aluminum Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	581.95	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0118	EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	598.54	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0119	EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	600.69	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	607.59	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	616.64	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	642.27	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	667.91	114.54
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0124 Stainless Steel Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	731.24	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	809.66	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	817.20	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	841.33	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	848.87	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	888.08	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	927.28	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0132 Semi Recessed Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0133 Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	556.47	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	566.59	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	575.02	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	585.14	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	593.58	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	620.58	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	630.70	114.54
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0141 Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	598.54	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	616.64	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	619.22	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	624.18	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	633.22	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	658.86	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	684.50	114.54
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0149 Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	777.99	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	863.95	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	871.49	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	895.62	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	903.16	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	942.36	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	981.57	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0157 Surface Mount Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	566.59	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	575.02	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	585.14	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	593.58	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	602.03	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	630.70	114.54
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	639.15	114.54
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	642.27	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	658.86	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	663.17	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	667.91	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	675.45	114.54
		For Solid Aluminum Door, Add	*6.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	702.59	114.54
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	719.18	114.54
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0174 Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	841.33	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,091.66	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,154.99	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,170.07	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,185.15	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,248.49	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,326.90	114.54
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 16 Fire Extinguishers *(10 44)*

10 44 16 13 Portable Fire Extinguishers *(10 44 16)*

Note: Includes filling, certification, bracket, hardware and mounting on wall.

10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0002	EA	2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	207.01	12.67
		For >5 To 10, Deduct	*-7.10*	
		For >10, Deduct	*-14.20*	
		For Placement In Cabinet, Deduct	*-32.50*	
10 44 16 13-0003	EA	5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	309.71	14.63
		For >5 To 10, Deduct	*-11.74*	
		For >10, Deduct	*-23.47*	
		For Placement In Cabinet, Deduct	*-37.50*	
10 44 16 13-0004	EA	10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	402.87	18.53
		For >5 To 10, Deduct	*-15.27*	
		For >10, Deduct	*-30.54*	
		For Placement In Cabinet, Deduct	*-48.75*	
10 44 16 13-0005	EA	15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	495.37	23.40
		For >5 To 10, Deduct	*-18.68*	
		For >10, Deduct	*-37.35*	
		For Placement In Cabinet, Deduct	*-60.94*	
10 44 16 13-0006	EA	20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	549.69	23.40
		For >5 To 10, Deduct	*-21.39*	
		For >10, Deduct	*-42.78*	
		For Placement In Cabinet, Deduct	*-60.94*	
10 44 16 13-0007	EA	50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher	1,859.28	37.05
		For >5 To 10, Deduct	*-83.21*	
		For >10, Deduct	*-166.43*	
10 44 16 13-0008	EA	100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher	3,612.59	37.05
		For >5 To 10, Deduct	*-170.88*	
		For >10, Deduct	*-341.76*	

10 44 16 13-0009 Dry Chemical Type, Class ABC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0010	EA	2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher	118.31	12.67
		For >5 To 10, Deduct	*-2.67*	
		For >10, Deduct	*-5.33*	
		For Placement In Cabinet, Deduct	*-32.50*	
10 44 16 13-0011	EA	5 LB Dry Chemical, Type ABC Portable Fire Extinguisher	151.79	14.63
		For >5 To 10, Deduct	*-3.84*	
		For >10, Deduct	*-7.68*	
		For Placement In Cabinet, Deduct	*-37.50*	
10 44 16 13-0012	EA	10 LB Dry Chemical, Type ABC Portable Fire Extinguisher	217.87	18.53
		For >5 To 10, Deduct	*-6.02*	
		For >10, Deduct	*-12.04*	
		For Placement In Cabinet, Deduct	*-48.75*	
10 44 16 13-0013	EA	20 LB Dry Chemical, Type ABC Portable Fire Extinguisher	311.33	23.40
		For >5 To 10, Deduct	*-9.47*	
		For >10, Deduct	*-18.95*	
		For Placement In Cabinet, Deduct	*-60.94*	
10 44 16 13-0014	EA	50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher	2,183.81	37.05
		For >5 To 10, Deduct	*-99.44*	
		For >10, Deduct	*-198.88*	
10 44 16 13-0015	EA	125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher	3,315.75	37.05
		For >5 To 10, Deduct	*-156.04*	
		For >10, Deduct	*-312.08*	

10 44 16 13-0016 Other Portable Fire Extinguishers *(10 44 16 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0017	EA	2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher Note: Stainless steel.	232.51	14.63
		For >5 To 10, Deduct	*-7.88*	
		For >10, Deduct	*-15.75*	
		For Placement In Cabinet, Deduct	*-37.50*	
10 44 16 13-0018	EA	1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	349.21	23.40
		For >5 To 10, Deduct	*-11.37*	
		For >10, Deduct	*-22.73*	
		For Placement In Cabinet, Deduct	*-60.94*	
10 44 16 13-0019	EA	2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	366.68	23.40
		For >5 To 10, Deduct	*-12.24*	
		For >10, Deduct	*-24.48*	
		For Placement In Cabinet, Deduct	*-60.94*	
10 44 16 13-0020	EA	30 LB Dry Powder, Class D Portable Fire Extinguisher Note: Yellow steel.	545.05	23.40
		For >5 To 10, Deduct	*-21.16*	
		For >10, Deduct	*-42.32*	

10 44 16 13-0021 Fire Extinguisher Backboards *(10 44 16 13)*

10 44 16 13-0022 Fire Extinguisher Backboards *(10 44 16 13-0021)*

Note: Mounted to any wall. Includes anchors.

10 44 16 13-0023	EA	Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	101.99	16.70
10 44 16 13-0024	EA	Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	147.33	

10 44 16 13-0025 Inspections And Testing *(10 44 16 13)*

10 44 16 13-0026	EA	On Site Fire Extinguisher Annual Inspection (Tag)	11.02	
10 44 16 13-0027	EA	On Site Fire Extinguisher Hydrotest	16.21	

10 44 19 Fire Blankets *(10 44)*

10 44 19 00-0001	EA	Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	435.59	39.97
10 44 19 00-0002	EA	Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	316.08	39.97

10 50 Storage Specialties *(10)*

10 51 Lockers *(10 50)*

10 51 13 Metal Lockers *(10 51)*

10 51 13 00-0001 Institutional Lockers *(10 51 13)*

Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0002 Single Tier Institutional Locker *(10 51 13 00-0001)*

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0003	EA	12" x 12" x 60" Single Tier Institutional Or Corridor Locker	196.93	30.23
		For >25 To 50, Deduct	*-6.82*	
		For >50 To 100, Deduct	*-14.55*	
		For >100, Deduct	*-22.29*	
		For 14 Gauge Doors, Add	*10.92*	
10 51 13 00-0004	EA	12" x 15" x 60" Single Tier Institutional Or Corridor Locker	204.16	30.23
		For >25 To 50, Deduct	*-7.19*	
		For >50 To 100, Deduct	*-15.28*	
		For >100, Deduct	*-23.37*	
		For 14 Gauge Doors, Add	*11.50*	
10 51 13 00-0005	EA	12" x 18" x 60" Single Tier Institutional Or Corridor Locker	214.04	30.23
		For >25 To 50, Deduct	*-7.68*	
		For >50 To 100, Deduct	*-16.27*	
		For >100, Deduct	*-24.85*	
		For 14 Gauge Doors, Add	*12.29*	
10 51 13 00-0006	EA	12" x 12" x 72" Single Tier Institutional Or Corridor Locker	213.88	31.20
		For >25 To 50, Deduct	*-7.57*	
		For >50 To 100, Deduct	*-16.08*	
		For >100, Deduct	*-24.59*	
		For 14 Gauge Doors, Add	*12.12*	
10 51 13 00-0007	EA	12" x 15" x 72" Single Tier Institutional Or Corridor Locker	219.88	31.20
		For >25 To 50, Deduct	*-7.87*	
		For >50 To 100, Deduct	*-16.68*	
		For >100, Deduct	*-25.49*	
		For 14 Gauge Doors, Add	*12.60*	
10 51 13 00-0008	EA	12" x 18" x 72" Single Tier Institutional Or Corridor Locker	225.72	31.20
		For >25 To 50, Deduct	*-8.17*	
		For >50 To 100, Deduct	*-17.27*	
		For >100, Deduct	*-26.37*	
		For 14 Gauge Doors, Add	*13.07*	
10 51 13 00-0009	EA	15" x 15" x 72" Single Tier Institutional Or Corridor Locker	235.81	31.20
		For >25 To 50, Deduct	*-8.67*	
		For >50 To 100, Deduct	*-18.28*	
		For >100, Deduct	*-27.88*	
		For 14 Gauge Doors, Add	*13.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0010	EA	15" x 18" x 72" Single Tier Institutional Or Corridor Locker	245.80	31.20
		For >25 To 50, Deduct	*-9.17*	
		For >50 To 100, Deduct	*-19.28*	
		For >100, Deduct	*-29.38*	
		For 14 Gauge Doors, Add	*14.67*	
10 51 13 00-0011	EA	18" x 18" x 72" Single Tier Institutional Or Corridor Locker	256.37	31.20
		For >25 To 50, Deduct	*-9.70*	
		For >50 To 100, Deduct	*-20.33*	
		For >100, Deduct	*-30.97*	
		For 14 Gauge Doors, Add	*15.52*	
10 51 13 00-0012	EA	18" x 21" x 72" Single Tier Institutional Or Corridor Locker	266.13	31.20
		For >25 To 50, Deduct	*-10.19*	
		For >50 To 100, Deduct	*-21.31*	
		For >100, Deduct	*-32.43*	
		For 14 Gauge Doors, Add	*16.30*	
10 51 13 00-0013	EA	24" x 24" x 72" Single Tier Institutional Or Corridor Locker	355.36	31.20
		For >25 To 50, Deduct	*-14.65*	
		For >50 To 100, Deduct	*-30.23*	
		For >100, Deduct	*-45.82*	
		For 14 Gauge Doors, Add	*23.44*	

10 51 13 00-0014 Two Tier Institutional Locker *(10 51 13 00-0001)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0015	EA	12" x 12" x 60" Two Tier Institutional Or Corridor Locker	230.76	31.20
		For >25 To 50, Deduct	*-8.42*	
		For >50 To 100, Deduct	*-17.77*	
		For >100, Deduct	*-27.13*	
		For 14 Gauge Doors, Add	*18.52*	
10 51 13 00-0016	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker	235.31	31.20
		For >25 To 50, Deduct	*-8.65*	
		For >50 To 100, Deduct	*-18.23*	
		For >100, Deduct	*-27.81*	
		For 14 Gauge Doors, Add	*19.02*	
10 51 13 00-0017	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker	239.91	31.20
		For >25 To 50, Deduct	*-8.88*	
		For >50 To 100, Deduct	*-18.69*	
		For >100, Deduct	*-28.50*	
		For 14 Gauge Doors, Add	*19.53*	
10 51 13 00-0018	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker	241.07	32.17
		For >25 To 50, Deduct	*-8.84*	
		For >50 To 100, Deduct	*-18.64*	
		For >100, Deduct	*-28.44*	
		For 14 Gauge Doors, Add	*19.44*	
10 51 13 00-0019	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker	251.03	32.17
		For >25 To 50, Deduct	*-9.33*	
		For >50 To 100, Deduct	*-19.63*	
		For >100, Deduct	*-29.93*	
		For 14 Gauge Doors, Add	*20.53*	
10 51 13 00-0020	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker	257.04	32.17
		For >25 To 50, Deduct	*-9.63*	
		For >50 To 100, Deduct	*-20.23*	
		For >100, Deduct	*-30.83*	
		For 14 Gauge Doors, Add	*21.20*	
10 51 13 00-0021	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker	265.66	32.17
		For >25 To 50, Deduct	*-10.07*	
		For >50 To 100, Deduct	*-21.10*	
		For >100, Deduct	*-32.13*	
		For 14 Gauge Doors, Add	*22.14*	
10 51 13 00-0022	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker	274.32	32.17
		For >25 To 50, Deduct	*-10.50*	
		For >50 To 100, Deduct	*-21.96*	
		For >100, Deduct	*-33.43*	
		For 14 Gauge Doors, Add	*23.10*	
10 51 13 00-0023	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker	313.48	32.17
		For >25 To 50, Deduct	*-12.46*	
		For >50 To 100, Deduct	*-25.88*	
		For >100, Deduct	*-39.30*	
		For 14 Gauge Doors, Add	*27.40*	
10 51 13 00-0024	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker	320.59	32.17
		For >25 To 50, Deduct	*-12.81*	
		For >50 To 100, Deduct	*-26.59*	
		For >100, Deduct	*-40.37*	
		For 14 Gauge Doors, Add	*28.19*	

10 51 13 00-0025 Three Tier Institutional Locker *(10 51 13 00-0001)*

Note: Includes one double hook per tier.

10 51 13 00-0026	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker	269.46	33.15
		For >25 To 50, Deduct	*-10.16*	
		For >50 To 100, Deduct	*-21.31*	
		For >100, Deduct	*-32.46*	
		For 14 Gauge Doors, Add	*30.47*	
10 51 13 00-0027	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker	274.14	33.15
		For >25 To 50, Deduct	*-10.39*	
		For >50 To 100, Deduct	*-21.78*	
		For >100, Deduct	*-33.17*	
		For 14 Gauge Doors, Add	*31.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0028	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker	290.77	33.15
		For >25 To 50, Deduct	*-11.22*	
		For >50 To 100, Deduct	*-23.44*	
		For >100, Deduct	*-35.66*	
		For 14 Gauge Doors, Add	*33.67*	
10 51 13 00-0029	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker	306.69	33.15
		For >25 To 50, Deduct	*-12.02*	
		For >50 To 100, Deduct	*-25.03*	
		For >100, Deduct	*-38.05*	
		For 14 Gauge Doors, Add	*36.06*	
10 51 13 00-0030	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker	319.36	33.15
		For >25 To 50, Deduct	*-12.65*	
		For >50 To 100, Deduct	*-26.30*	
		For >100, Deduct	*-39.95*	
		For 14 Gauge Doors, Add	*37.96*	

10 51 13 00-0031 Four Tier Institutional Locker *(10 51 13 00-0001)*

10 51 13 00-0032	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker	265.16	34.13
		For >25 To 50, Deduct	*-9.85*	
		For >50 To 100, Deduct	*-20.71*	
		For >100, Deduct	*-31.58*	
10 51 13 00-0033	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker	273.32	34.13
		For >25 To 50, Deduct	*-10.25*	
		For >50 To 100, Deduct	*-21.53*	
		For >100, Deduct	*-32.81*	
10 51 13 00-0034	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker	286.46	34.13
		For >25 To 50, Deduct	*-10.91*	
		For >50 To 100, Deduct	*-22.84*	
		For >100, Deduct	*-34.78*	
10 51 13 00-0035	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker	296.96	34.13
		For >25 To 50, Deduct	*-11.44*	
		For >50 To 100, Deduct	*-23.89*	
		For >100, Deduct	*-36.35*	
10 51 13 00-0036	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker	312.09	34.13
		For >25 To 50, Deduct	*-12.19*	
		For >50 To 100, Deduct	*-25.41*	
		For >100, Deduct	*-38.62*	

10 51 13 00-0037 Six Tier Institutional Locker *(10 51 13 00-0001)*

10 51 13 00-0038	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker	287.65	35.10
		For >25 To 50, Deduct	*-10.87*	
		For >50 To 100, Deduct	*-22.80*	
		For >100, Deduct	*-34.72*	
10 51 13 00-0039	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker	293.94	35.10
		For >25 To 50, Deduct	*-11.19*	
		For >50 To 100, Deduct	*-23.43*	
		For >100, Deduct	*-35.67*	
10 51 13 00-0040	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker	305.83	35.10
		For >25 To 50, Deduct	*-11.78*	
		For >50 To 100, Deduct	*-24.62*	
		For >100, Deduct	*-37.45*	

10 51 13 00-0041 Locker And Coat Rack Combination *(10 51 13 00-0001)*

10 51 13 00-0042	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	514.77	23.40
10 51 13 00-0043	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	827.83	48.75

10 51 13 00-0044 All-Welded Steel Lockers *(10 51 13)*

10 51 13 00-0045 All-Welded Steel Lockers *(10 51 13 00-0044)*

Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.

10 51 13 00-0046 Single Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

Note: Includes one hat shelf, two single hooks and one double hook.

10 51 13 00-0047	EA	12" x 12" x 48" Single Tier, All-Welded Steel Locker	124.29	17.06
		For >25 To 50, Deduct	*-5.00*	
		For >50 To 100, Deduct	*-10.36*	
		For >100, Deduct	*-15.72*	
10 51 13 00-0048	EA	12" x 15" x 48" Single Tier, All-Welded Steel Locker	130.18	17.06
		For >25 To 50, Deduct	*-5.29*	
		For >50 To 100, Deduct	*-10.95*	
		For >100, Deduct	*-16.60*	
10 51 13 00-0049	EA	12" x 18" x 48" Single Tier, All-Welded Steel Locker	135.86	17.06
		For >25 To 50, Deduct	*-5.57*	
		For >50 To 100, Deduct	*-11.51*	
		For >100, Deduct	*-17.45*	
10 51 13 00-0050	EA	12" x 12" x 60" Single Tier, All-Welded Steel Locker	129.15	17.06
		For >25 To 50, Deduct	*-5.24*	
		For >50 To 100, Deduct	*-10.84*	
		For >100, Deduct	*-16.45*	
10 51 13 00-0051	EA	12" x 15" x 60" Single Tier, All-Welded Steel Locker	134.83	17.06
		For >25 To 50, Deduct	*-5.52*	
		For >50 To 100, Deduct	*-11.41*	
		For >100, Deduct	*-17.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0052	EA	12" x 18" x 60" Single Tier, All-Welded Steel Locker	140.51	17.06
		For >25 To 50, Deduct	*-5.81*	
		For >50 To 100, Deduct	*-11.98*	
		For >100, Deduct	*-18.15*	
10 51 13 00-0053	EA	12" x 12" x 72" Single Tier, All-Welded Steel Locker	136.85	18.77
		For >25 To 50, Deduct	*-5.50*	
		For >50 To 100, Deduct	*-11.41*	
		For >100, Deduct	*-17.31*	
10 51 13 00-0054	EA	12" x 15" x 72" Single Tier, All-Welded Steel Locker	142.10	18.77
		For >25 To 50, Deduct	*-5.76*	
		For >50 To 100, Deduct	*-11.93*	
		For >100, Deduct	*-18.10*	
10 51 13 00-0055	EA	12" x 18" x 72" Single Tier, All-Welded Steel Locker	147.78	18.77
		For >25 To 50, Deduct	*-6.05*	
		For >50 To 100, Deduct	*-12.50*	
		For >100, Deduct	*-18.95*	
10 51 13 00-0056	EA	15" x 15" x 72" Single Tier, All-Welded Steel Locker	153.09	18.77
		For >25 To 50, Deduct	*-6.31*	
		For >50 To 100, Deduct	*-13.03*	
		For >100, Deduct	*-19.75*	
10 51 13 00-0057	EA	15" x 18" x 72" Single Tier, All-Welded Steel Locker	157.46	18.77
		For >25 To 50, Deduct	*-6.53*	
		For >50 To 100, Deduct	*-13.47*	
		For >100, Deduct	*-20.40*	
10 51 13 00-0058	EA	18" x 18" x 72" Single Tier, All-Welded Steel Locker	163.50	18.77
		For >25 To 50, Deduct	*-6.83*	
		For >50 To 100, Deduct	*-14.07*	
		For >100, Deduct	*-21.31*	
10 51 13 00-0059	EA	18" x 21" x 72" Single Tier, All-Welded Steel Locker	170.29	18.77
		For >25 To 50, Deduct	*-7.17*	
		For >50 To 100, Deduct	*-14.75*	
		For >100, Deduct	*-22.33*	
10 51 13 00-0060	EA	24" x 24" x 72" Single Tier, All-Welded Steel Locker	272.54	18.77
		For >25 To 50, Deduct	*-12.29*	
		For >50 To 100, Deduct	*-24.98*	
		For >100, Deduct	*-37.66*	

10 51 13 00-0061 Two Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0062	EA	12" x 12" x 60" Two Tier, All-Welded Steel Locker	147.56	17.06
		For >25 To 50, Deduct	*-6.16*	
		For >50 To 100, Deduct	*-12.68*	
		For >100, Deduct	*-19.21*	
10 51 13 00-0063	EA	12" x 15" x 60" Two Tier, All-Welded Steel Locker	150.17	17.06
		For >25 To 50, Deduct	*-6.29*	
		For >50 To 100, Deduct	*-12.95*	
		For >100, Deduct	*-19.60*	
10 51 13 00-0064	EA	12" x 18" x 60" Two Tier, All-Welded Steel Locker	157.16	17.06
		For >25 To 50, Deduct	*-6.64*	
		For >50 To 100, Deduct	*-13.64*	
		For >100, Deduct	*-20.65*	
10 51 13 00-0065	EA	12" x 12" x 72" Two Tier, All-Welded Steel Locker	154.35	18.77
		For >25 To 50, Deduct	*-6.38*	
		For >50 To 100, Deduct	*-13.16*	
		For >100, Deduct	*-19.94*	
10 51 13 00-0066	EA	12" x 15" x 72" Two Tier, All-Welded Steel Locker	163.99	18.77
		For >25 To 50, Deduct	*-6.86*	
		For >50 To 100, Deduct	*-14.12*	
		For >100, Deduct	*-21.38*	
10 51 13 00-0067	EA	12" x 18" x 72" Two Tier, All-Welded Steel Locker	169.24	18.77
		For >25 To 50, Deduct	*-7.12*	
		For >50 To 100, Deduct	*-14.65*	
		For >100, Deduct	*-22.17*	
10 51 13 00-0068	EA	15" x 15" x 72" Two Tier, All-Welded Steel Locker	176.74	18.77
		For >25 To 50, Deduct	*-7.50*	
		For >50 To 100, Deduct	*-15.40*	
		For >100, Deduct	*-23.29*	
10 51 13 00-0069	EA	15" x 18" x 72" Two Tier, All-Welded Steel Locker	180.26	18.77
		For >25 To 50, Deduct	*-7.67*	
		For >50 To 100, Deduct	*-15.75*	
		For >100, Deduct	*-23.82*	
10 51 13 00-0070	EA	18" x 18" x 72" Two Tier, All-Welded Steel Locker	190.42	18.77
		For >25 To 50, Deduct	*-8.18*	
		For >50 To 100, Deduct	*-16.76*	
		For >100, Deduct	*-25.35*	
10 51 13 00-0071	EA	18" x 21" x 72" Two Tier, All-Welded Steel Locker	198.29	18.77
		For >25 To 50, Deduct	*-8.57*	
		For >50 To 100, Deduct	*-17.55*	
		For >100, Deduct	*-26.53*	

10 51 13 00-0072 Three Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

Note: Includes two single hooks and one double hook per tier.

10 51 13 00-0073	EA	12" x 12" x 72" Three Tier, All-Welded Steel Locker	181.51	18.77
		For >25 To 50, Deduct	*-7.74*	
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-24.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0074	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker	185.46	18.77
		For >25 To 50, Deduct	*-7.93*	
		For >50 To 100, Deduct	*-16.27*	
		For >100, Deduct	*-24.60*	
10 51 13 00-0075	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker	189.38	18.77
		For >25 To 50, Deduct	*-8.13*	
		For >50 To 100, Deduct	*-16.66*	
		For >100, Deduct	*-25.19*	
10 51 13 00-0076	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker	198.67	18.77
		For >25 To 50, Deduct	*-8.59*	
		For >50 To 100, Deduct	*-17.59*	
		For >100, Deduct	*-26.58*	
10 51 13 00-0077	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker	200.38	18.77
		For >25 To 50, Deduct	*-8.68*	
		For >50 To 100, Deduct	*-17.76*	
		For >100, Deduct	*-26.84*	

10 51 13 00-0078 Four Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

10 51 13 00-0079	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker	172.14	18.77
		For >25 To 50, Deduct	*-7.27*	
		For >50 To 100, Deduct	*-14.94*	
		For >100, Deduct	*-22.60*	
10 51 13 00-0080	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker	175.87	18.77
		For >25 To 50, Deduct	*-7.45*	
		For >50 To 100, Deduct	*-15.31*	
		For >100, Deduct	*-23.16*	
10 51 13 00-0081	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker	179.57	18.77
		For >25 To 50, Deduct	*-7.64*	
		For >50 To 100, Deduct	*-15.68*	
		For >100, Deduct	*-23.72*	
10 51 13 00-0082	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker	188.31	18.77
		For >25 To 50, Deduct	*-8.08*	
		For >50 To 100, Deduct	*-16.55*	
		For >100, Deduct	*-25.03*	
10 51 13 00-0083	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker	189.90	18.77
		For >25 To 50, Deduct	*-8.15*	
		For >50 To 100, Deduct	*-16.71*	
		For >100, Deduct	*-25.27*	

10 51 13 00-0084 Six Tier, All-Welded Steel Lockers *(10 51 13 00-0045)*

10 51 13 00-0085	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker	177.94	18.77
		For >25 To 50, Deduct	*-7.56*	
		For >50 To 100, Deduct	*-15.52*	
		For >100, Deduct	*-23.47*	
10 51 13 00-0086	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker	183.38	18.77
		For >25 To 50, Deduct	*-7.83*	
		For >50 To 100, Deduct	*-16.06*	
		For >100, Deduct	*-24.29*	
10 51 13 00-0087	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker	187.39	18.77
		For >25 To 50, Deduct	*-8.03*	
		For >50 To 100, Deduct	*-16.46*	
		For >100, Deduct	*-24.89*	

10 51 13 00-0088 All Welded Locker Accessories *(10 51 13 00-0044)*

10 51 13 00-0089	EA	ADA Requirements For All Welded Lockers	72.84	
10 51 13 00-0090	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers	120.18	3.90
10 51 13 00-0091	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers	138.91	3.90
10 51 13 00-0092	EA	Recessed Trim For All Welded Lockers	85.50	3.90
10 51 13 00-0093	EA	Built In Combination Lock For All Welded Lockers	32.02	3.90
10 51 13 00-0094	EA	Pad Lock For All Welded Lockers	25.14	3.90

10 51 13 00-0095 Athletic Lockers *(10 51 13)*

Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0096 Single Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0097	EA	12" x 15" x 60" Single Tier Athletic Locker	289.52	31.20
		For >25 To 50, Deduct	*-11.36*	
		For >50 To 100, Deduct	*-23.65*	
		For >100, Deduct	*-35.94*	
10 51 13 00-0098	EA	12" x 18" x 60" Single Tier Athletic Locker	299.11	31.20
		For >25 To 50, Deduct	*-11.84*	
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-37.38*	
10 51 13 00-0099	EA	15" x 15" x 60" Single Tier Athletic Locker	305.28	31.20
		For >25 To 50, Deduct	*-12.14*	
		For >50 To 100, Deduct	*-25.22*	
		For >100, Deduct	*-38.30*	
10 51 13 00-0100	EA	15" x 18" x 60" Single Tier Athletic Locker	315.52	31.20
		For >25 To 50, Deduct	*-12.66*	
		For >50 To 100, Deduct	*-26.25*	
		For >100, Deduct	*-39.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0101	EA	18" x 18" x 60" Single Tier Athletic Locker	359.69	31.20
		For >25 To 50, Deduct	*-14.86*	
		For >50 To 100, Deduct	*-30.67*	
		For >100, Deduct	*-46.47*	
10 51 13 00-0102	EA	18" x 21" x 60" Single Tier Athletic Locker	394.81	31.20
		For >25 To 50, Deduct	*-16.62*	
		For >50 To 100, Deduct	*-34.18*	
		For >100, Deduct	*-51.73*	
10 51 13 00-0103	EA	18" x 24" x 60" Single Tier Athletic Locker	418.83	31.20
		For >25 To 50, Deduct	*-17.82*	
		For >50 To 100, Deduct	*-36.58*	
		For >100, Deduct	*-55.34*	
10 51 13 00-0104	EA	12" x 15" x 72" Single Tier Athletic Locker	300.17	31.20
		For >25 To 50, Deduct	*-11.89*	
		For >50 To 100, Deduct	*-24.71*	
		For >100, Deduct	*-37.54*	
10 51 13 00-0105	EA	12" x 18" x 72" Single Tier Athletic Locker	317.45	31.20
		For >25 To 50, Deduct	*-12.75*	
		For >50 To 100, Deduct	*-26.44*	
		For >100, Deduct	*-40.13*	
10 51 13 00-0106	EA	15" x 15" x 72" Single Tier Athletic Locker	323.52	31.20
		For >25 To 50, Deduct	*-13.06*	
		For >50 To 100, Deduct	*-27.05*	
		For >100, Deduct	*-41.04*	
10 51 13 00-0107	EA	15" x 18" x 72" Single Tier Athletic Locker	334.61	31.20
		For >25 To 50, Deduct	*-13.61*	
		For >50 To 100, Deduct	*-28.16*	
		For >100, Deduct	*-42.70*	
10 51 13 00-0108	EA	18" x 18" x 72" Single Tier Athletic Locker	361.96	31.20
		For >25 To 50, Deduct	*-14.98*	
		For >50 To 100, Deduct	*-30.89*	
		For >100, Deduct	*-46.81*	
10 51 13 00-0109	EA	18" x 21" x 72" Single Tier Athletic Locker	390.62	31.20
		For >25 To 50, Deduct	*-16.41*	
		For >50 To 100, Deduct	*-33.76*	
		For >100, Deduct	*-51.11*	

10 51 13 00-0110 Two Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0111	EA	12" x 12" x 60" Two Tier Athletic Locker	323.50	32.17
		For >25 To 50, Deduct	*-12.96*	
		For >50 To 100, Deduct	*-26.88*	
		For >100, Deduct	*-40.80*	
10 51 13 00-0112	EA	12" x 15" x 60" Two Tier Athletic Locker	333.71	32.17
		For >25 To 50, Deduct	*-13.47*	
		For >50 To 100, Deduct	*-27.90*	
		For >100, Deduct	*-42.33*	
10 51 13 00-0113	EA	12" x 18" x 60" Two Tier Athletic Locker	345.21	32.17
		For >25 To 50, Deduct	*-14.04*	
		For >50 To 100, Deduct	*-29.05*	
		For >100, Deduct	*-44.06*	
10 51 13 00-0114	EA	15" x 15" x 60" Two Tier Athletic Locker	346.33	32.17
		For >25 To 50, Deduct	*-14.10*	
		For >50 To 100, Deduct	*-29.16*	
		For >100, Deduct	*-44.23*	
10 51 13 00-0115	EA	15" x 18" x 60" Two Tier Athletic Locker	348.72	32.17
		For >25 To 50, Deduct	*-14.22*	
		For >50 To 100, Deduct	*-29.40*	
		For >100, Deduct	*-44.59*	
10 51 13 00-0116	EA	18" x 18" x 60" Two Tier Athletic Locker	368.91	32.17
		For >25 To 50, Deduct	*-15.23*	
		For >50 To 100, Deduct	*-31.42*	
		For >100, Deduct	*-47.61*	
10 51 13 00-0117	EA	18" x 21" x 60" Two Tier Athletic Locker	383.70	32.17
		For >25 To 50, Deduct	*-15.97*	
		For >50 To 100, Deduct	*-32.90*	
		For >100, Deduct	*-49.83*	
10 51 13 00-0118	EA	18" x 24" x 60" Two Tier Athletic Locker	449.76	32.17
		For >25 To 50, Deduct	*-19.27*	
		For >50 To 100, Deduct	*-39.51*	
		For >100, Deduct	*-59.74*	
10 51 13 00-0119	EA	12" x 12" x 72" Two Tier Athletic Locker	334.56	32.17
		For >25 To 50, Deduct	*-13.51*	
		For >50 To 100, Deduct	*-27.99*	
		For >100, Deduct	*-42.46*	
10 51 13 00-0120	EA	12" x 15" x 72" Two Tier Athletic Locker	345.01	32.17
		For >25 To 50, Deduct	*-14.03*	
		For >50 To 100, Deduct	*-29.03*	
		For >100, Deduct	*-44.03*	
10 51 13 00-0121	EA	12" x 18" x 72" Two Tier Athletic Locker	359.27	32.17
		For >25 To 50, Deduct	*-14.75*	
		For >50 To 100, Deduct	*-30.46*	
		For >100, Deduct	*-46.17*	
10 51 13 00-0122	EA	15" x 15" x 72" Two Tier Athletic Locker	361.43	32.17
		For >25 To 50, Deduct	*-14.85*	
		For >50 To 100, Deduct	*-30.67*	
		For >100, Deduct	*-46.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0123	EA	15" x 18" x 72" Two Tier Athletic Locker	373.14	32.17
		For >25 To 50, Deduct	*-15.44*	
		For >50 To 100, Deduct	*-31.84*	
		For >100, Deduct	*-48.25*	
10 51 13 00-0124	EA	18" x 18" x 72" Two Tier Athletic Locker	387.54	32.17
		For >25 To 50, Deduct	*-16.16*	
		For >50 To 100, Deduct	*-33.28*	
		For >100, Deduct	*-50.41*	
10 51 13 00-0125	EA	18" x 21" x 72" Two Tier Athletic Locker	419.84	32.17
		For >25 To 50, Deduct	*-17.77*	
		For >50 To 100, Deduct	*-36.51*	
		For >100, Deduct	*-55.25*	

10 51 13 00-0126 Three Tier Athletic Locker *(10 51 13 00-0095)*

Note: Includes one double hook per tier.

10 51 13 00-0127	EA	12" x 12" x 60" Three Tier Athletic Locker	350.04	33.15
		For >25 To 50, Deduct	*-14.19*	
		For >50 To 100, Deduct	*-29.37*	
		For >100, Deduct	*-44.55*	
10 51 13 00-0128	EA	12" x 15" x 60" Three Tier Athletic Locker	366.59	33.15
		For >25 To 50, Deduct	*-15.01*	
		For >50 To 100, Deduct	*-31.02*	
		For >100, Deduct	*-47.03*	
10 51 13 00-0129	EA	12" x 18" x 60" Three Tier Athletic Locker	381.22	33.15
		For >25 To 50, Deduct	*-15.75*	
		For >50 To 100, Deduct	*-32.49*	
		For >100, Deduct	*-49.23*	
10 51 13 00-0130	EA	15" x 15" x 60" Three Tier Athletic Locker	391.16	33.15
		For >25 To 50, Deduct	*-16.24*	
		For >50 To 100, Deduct	*-33.48*	
		For >100, Deduct	*-50.72*	
10 51 13 00-0131	EA	15" x 18" x 60" Three Tier Athletic Locker	407.70	33.15
		For >25 To 50, Deduct	*-17.07*	
		For >50 To 100, Deduct	*-35.13*	
		For >100, Deduct	*-53.20*	
10 51 13 00-0132	EA	12" x 12" x 72" Three Tier Athletic Locker	368.89	33.15
		For >25 To 50, Deduct	*-15.13*	
		For >50 To 100, Deduct	*-31.25*	
		For >100, Deduct	*-47.38*	
10 51 13 00-0133	EA	12" x 15" x 72" Three Tier Athletic Locker	383.84	33.15
		For >25 To 50, Deduct	*-15.88*	
		For >50 To 100, Deduct	*-32.75*	
		For >100, Deduct	*-49.62*	
10 51 13 00-0134	EA	12" x 18" x 72" Three Tier Athletic Locker	404.46	33.15
		For >25 To 50, Deduct	*-16.91*	
		For >50 To 100, Deduct	*-34.81*	
		For >100, Deduct	*-52.71*	
10 51 13 00-0135	EA	15" x 15" x 72" Three Tier Athletic Locker	415.01	33.15
		For >25 To 50, Deduct	*-17.44*	
		For >50 To 100, Deduct	*-35.87*	
		For >100, Deduct	*-54.30*	
10 51 13 00-0136	EA	15" x 18" x 72" Three Tier Athletic Locker	430.85	33.15
		For >25 To 50, Deduct	*-18.23*	
		For >50 To 100, Deduct	*-37.45*	
		For >100, Deduct	*-56.67*	

10 51 13 00-0137 Four Tier Athletic Locker *(10 51 13 00-0095)*

10 51 13 00-0138	EA	12" x 12" x 60" Four Tier Athletic Locker	323.77	34.13
		For >25 To 50, Deduct	*-12.78*	
		For >50 To 100, Deduct	*-26.58*	
		For >100, Deduct	*-40.38*	
10 51 13 00-0139	EA	12" x 15" x 60" Four Tier Athletic Locker	344.03	34.13
		For >25 To 50, Deduct	*-13.79*	
		For >50 To 100, Deduct	*-28.60*	
		For >100, Deduct	*-43.41*	
10 51 13 00-0140	EA	12" x 18" x 60" Four Tier Athletic Locker	364.30	34.13
		For >25 To 50, Deduct	*-14.80*	
		For >50 To 100, Deduct	*-30.63*	
		For >100, Deduct	*-46.46*	
10 51 13 00-0141	EA	15" x 15" x 60" Four Tier Athletic Locker	372.58	34.13
		For >25 To 50, Deduct	*-15.22*	
		For >50 To 100, Deduct	*-31.46*	
		For >100, Deduct	*-47.70*	
10 51 13 00-0142	EA	15" x 18" x 60" Four Tier Athletic Locker	405.87	34.13
		For >25 To 50, Deduct	*-16.88*	
		For >50 To 100, Deduct	*-34.79*	
		For >100, Deduct	*-52.69*	
10 51 13 00-0143	EA	12" x 12" x 72" Four Tier Athletic Locker	344.39	34.13
		For >25 To 50, Deduct	*-13.81*	
		For >50 To 100, Deduct	*-28.64*	
		For >100, Deduct	*-43.47*	
10 51 13 00-0144	EA	12" x 15" x 72" Four Tier Athletic Locker	364.95	34.13
		For >25 To 50, Deduct	*-14.84*	
		For >50 To 100, Deduct	*-30.69*	
		For >100, Deduct	*-46.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0145	EA	12" x 18" x 72" Four Tier Athletic Locker	385.50	34.13
		For >25 To 50, Deduct	*-15.86*	
		For >50 To 100, Deduct	*-32.75*	
		For >100, Deduct	*-49.64*	
10 51 13 00-0146	EA	15" x 15" x 72" Four Tier Athletic Locker	396.03	34.13
		For >25 To 50, Deduct	*-16.39*	
		For >50 To 100, Deduct	*-33.80*	
		For >100, Deduct	*-51.21*	
10 51 13 00-0147	EA	15" x 18" x 72" Four Tier Athletic Locker	403.92	34.13
		For >25 To 50, Deduct	*-16.78*	
		For >50 To 100, Deduct	*-34.59*	
		For >100, Deduct	*-52.40*	

10 51 13 00-0148 Six Tier Athletic Locker *(10 51 13 00-0095)*

10 51 13 00-0149	EA	12" x 12" x 72" Six Tier Athletic Locker	380.91	35.10
		For >25 To 50, Deduct	*-15.54*	
		For >50 To 100, Deduct	*-32.12*	
		For >100, Deduct	*-48.71*	
10 51 13 00-0150	EA	12" x 15" x 72" Six Tier Athletic Locker	396.70	35.10
		For >25 To 50, Deduct	*-16.33*	
		For >50 To 100, Deduct	*-33.70*	
		For >100, Deduct	*-51.08*	
10 51 13 00-0151	EA	12" x 18" x 72" Six Tier Athletic Locker	412.46	35.10
		For >25 To 50, Deduct	*-17.11*	
		For >50 To 100, Deduct	*-35.28*	
		For >100, Deduct	*-53.45*	
10 51 13 00-0152	EA	12" x 21" x 72" Six Tier Athletic Locker	470.00	35.10
		For >25 To 50, Deduct	*-19.99*	
		For >50 To 100, Deduct	*-41.03*	
		For >100, Deduct	*-62.08*	

10 51 13 00-0153 Metal Locker Accessories *(10 51 13)*

10 51 13 00-0154 Locker Slope Tops *(10 51 13 00-0153)*

10 51 13 00-0155 16 Gauge Continuous Sloping Hood *(10 51 13 00-0154)*

10 51 13 00-0156	LF	12" Deep, 16 Gauge Continuous Slope Top	24.64	3.90
10 51 13 00-0157	LF	15" Deep, 16 Gauge Continuous Slope Top	21.04	3.90
10 51 13 00-0158	LF	18" Deep, 16 Gauge Continuous Slope Top	28.32	3.90
10 51 13 00-0159	LF	21" Deep, 16 Gauge Continuous Slope Top	31.12	3.90
10 51 13 00-0160	LF	24" Deep, 16 Gauge Continuous Slope Top	32.42	3.90

10 51 13 00-0161 16 Gauge Slope Top Corner Fillers *(10 51 13 00-0154)*

10 51 13 00-0162	EA	12" Deep, 16 Gauge Slope Top Corner Fillers	96.84	3.90
10 51 13 00-0163	EA	15" Deep, 16 Gauge Slope Top Corner Fillers	98.88	3.90
10 51 13 00-0164	EA	18" Deep, 16 Gauge Slope Top Corner Fillers	100.91	3.90
10 51 13 00-0165	EA	21" Deep, 16 Gauge Slope Top Corner Fillers	103.37	3.90
10 51 13 00-0166	EA	24" Deep, 16 Gauge Slope Top Corner Fillers	105.80	3.90

10 51 13 00-0167 20 Gauge Individual Slope Top *(10 51 13 00-0154)*

10 51 13 00-0168	EA	12" Wide x 12" Deep 20 Gauge Individual Slope Top	21.40	3.90
10 51 13 00-0169	EA	12" Wide x 15" Deep 20 Gauge Individual Slope Top	21.27	3.90
10 51 13 00-0170	EA	12" Wide x 18" Deep 20 Gauge Individual Slope Top	23.48	3.90
10 51 13 00-0171	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top	23.48	3.90
10 51 13 00-0172	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top	24.00	3.90
10 51 13 00-0173	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top	26.10	3.90
10 51 13 00-0174	EA	18" Wide x 18" Deep 20 Gauge Individual Slope Top	26.10	3.90
10 51 13 00-0175	EA	18" Wide x 21" Deep 20 Gauge Individual Slope Top	28.85	3.90
10 51 13 00-0176	EA	18" Wide x 24" Deep 20 Gauge Individual Slope Top	32.13	3.90

10 51 13 00-0177 Continuous Slope Top End Closures *(10 51 13 00-0154)*

10 51 13 00-0178	PR	12" Deep, Continuous Slope Top End Closures	22.70	3.90
10 51 13 00-0179	PR	15" Deep, Continuous Slope Top End Closures	19.54	3.90
10 51 13 00-0180	PR	18" Deep, Continuous Slope Top End Closures	25.31	3.90
10 51 13 00-0181	PR	21" Deep, Continuous Slope Top End Closures	26.62	3.90
10 51 13 00-0182	PR	24" Deep, Continuous Slope Top End Closures	27.52	3.90

10 51 13 00-0183 Individual Slope Top End Closures *(10 51 13 00-0154)*

10 51 13 00-0184	EA	12" Deep, Individual Slope Top End Closures	15.25	3.90
10 51 13 00-0185	EA	15" Deep, Individual Slope Top End Closures	15.66	3.90
10 51 13 00-0186	EA	18" Deep, Individual Slope Top End Closures	16.57	3.90
10 51 13 00-0187	EA	21" Deep, Individual Slope Top End Closures	17.20	3.90
10 51 13 00-0188	EA	24" Deep, Individual Slope Top End Closures	23.65	3.90

10 51 13 00-0189 Locker Base *(10 51 13 00-0153)*

10 51 13 00-0190 Closed Front Base *(10 51 13 00-0189)*

10 51 13 00-0191	EA	12" Wide, 6" High Closed Front Base	15.95	3.90
10 51 13 00-0192	EA	15" Wide, 6" High Closed Front Base	16.63	3.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0193	EA	18" Wide, 6" High Closed Front Base	18.05	3.90
10 51 13 00-0194	EA	24" Wide, 6" High Closed Front Base	18.74	3.90
10 51 13 00-0195		**Closed End Base** *(10 51 13 00-0189)*		
10 51 13 00-0196	EA	12" Deep, 6" High Closed End Base	17.84	3.90
10 51 13 00-0197	EA	15" Deep, 6" High Closed End Base	17.96	3.90
10 51 13 00-0198	EA	18" Deep, 6" High Closed End Base	18.88	3.90
10 51 13 00-0199	EA	21" Deep, 6" High Closed End Base	19.79	3.90
10 51 13 00-0200	EA	24" Deep, 6" High Closed End Base	21.03	3.90
10 51 13 00-0201		**Recessed Continuous Front "Z" Base** *(10 51 13 00-0189)*		
10 51 13 00-0202	LF	4" High Recessed Continuous Front "Z" Base	18.25	2.93
10 51 13 00-0203		**"Z" Base Ends Or Splice** *(10 51 13 00-0189)*		
10 51 13 00-0204	EA	12" Wide, 4" High Z-Base Ends Or Splice	18.58	3.90
10 51 13 00-0205	EA	15" Wide, 4" High Z-Base Ends Or Splice	21.27	3.90
10 51 13 00-0206	EA	18" Wide, 4" High Z-Base Ends Or Splice	24.00	3.90
10 51 13 00-0207	EA	21" Wide, 4" High Z-Base Ends Or Splice	26.89	3.90
10 51 13 00-0208	EA	24" Wide, 4" High Z-Base Ends Or Splice	29.76	3.90
10 51 13 00-0209		**Locker Front Fillers And End Panels** *(10 51 13 00-0153)*		
10 51 13 00-0210		**Locker Front Fillers** *(10 51 13 00-0209)*		
10 51 13 00-0211	EA	6" Wide x 48" High, 16 Gauge Front Filler	24.12	4.87
10 51 13 00-0212	EA	12" Wide x 48" High, 16 Gauge Front Filler	37.84	4.87
10 51 13 00-0213	EA	6" Wide x 60" High, 16 Gauge Front Filler	29.76	4.87
10 51 13 00-0214	EA	12" Wide x 60" High, 16 Gauge Front Filler	44.87	4.87
10 51 13 00-0215	EA	6" Wide x 66" High, 16 Gauge Front Filler	32.22	4.87
10 51 13 00-0216	EA	12" Wide x 66" High, 16 Gauge Front Filler	35.96	4.87
10 51 13 00-0217	EA	6" Wide x 72" High, 16 Gauge Front Filler	35.08	4.87
10 51 13 00-0218	EA	12" Wide x 72" High, 16 Gauge Front Filler	48.95	4.87
10 51 13 00-0219	EA	6" Wide x 78" High, 16 Gauge Front Filler	35.87	4.87
10 51 13 00-0220	EA	12" Wide x 78" High, 16 Gauge Front Filler	41.47	4.87
10 51 13 00-0221		**Locker End Panels** *(10 51 13 00-0209)*		
10 51 13 00-0222	EA	12" Deep x 48" High, 16 Gauge End Panel	38.05	3.90
10 51 13 00-0223	EA	15" Deep x 48" High, 16 Gauge End Panel	46.12	3.90
10 51 13 00-0224	EA	18" Deep x 48" High, 16 Gauge End Panel	53.89	3.90
10 51 13 00-0225	EA	12" Deep x 60" High, 16 Gauge End Panel	44.66	3.90
10 51 13 00-0226	EA	15" Deep x 60" High, 16 Gauge End Panel	50.45	3.90
10 51 13 00-0227	EA	18" Deep x 60" High, 16 Gauge End Panel	59.56	3.90
10 51 13 00-0228	EA	12" Deep x 72" High, 16 Gauge End Panel	52.36	3.90
10 51 13 00-0229	EA	15" Deep x 72" High, 16 Gauge End Panel	59.40	3.90
10 51 13 00-0230	EA	18" Deep x 72" High, 16 Gauge End Panel	68.77	3.90
10 51 13 00-0231	EA	21" Deep x 72" High, 16 Gauge End Panel	78.95	3.90
10 51 13 00-0232		**Locker Recessed Trim** *(10 51 13 00-0153)*		
10 51 13 00-0233	LF	3" Height, Top Trim For Recessed Lockers	8.28	1.95
10 51 13 00-0234	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	22.28	3.90
10 51 13 00-0235	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	33.14	3.90
10 51 13 00-0236	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	34.29	3.90
10 51 13 00-0237	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	35.43	3.90
10 51 13 00-0238	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	36.43	3.90
10 51 13 00-0239		**Locker Interior Accessories** *(10 51 13 00-0153)*		
10 51 13 00-0240		**Locker Coat Rods** *(10 51 13 00-0239)*		
10 51 13 00-0241	EA	12" Wide Coat Rod	12.73	3.90
10 51 13 00-0242	EA	15" Wide Coat Rod	13.80	3.90
10 51 13 00-0243	EA	18" Wide Coat Rod	14.74	3.90
10 51 13 00-0244	EA	24" Wide Coat Rod	15.58	3.90
10 51 13 00-0245		**Locker Hat Shelf** *(10 51 13 00-0239)*		
10 51 13 00-0246	EA	12" Wide Hat Shelf	14.97	3.90
10 51 13 00-0247	EA	15" Wide Hat Shelf	17.28	3.90
10 51 13 00-0248	EA	18" Wide Hat Shelf	18.25	3.90
10 51 13 00-0249	EA	24" Wide Hat Shelf	22.10	3.90
10 51 13 00-0250		**Locker ADA Compliant Shelf** *(10 51 13 00-0239)*		
10 51 13 00-0251	EA	ADA Compliant Shelf For Single Tier Lockers Note: Includes an ADA label for locker face.	28.42	4.87
10 51 13 00-0252		**Other Interior Locker Accessories** *(10 51 13 00-0239)*		
10 51 13 00-0253	EA	3" x 10" Bent Plate Shoe Rack	36.52	3.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0254	EA	8" x 10" Mirror	29.34	3.90
10 51 13 00-0255	EA	Additional Hook	9.60	3.90
10 51 13 00-0256		**Locker Locks** *(10 51 13 00-0153)*		
10 51 13 00-0257	EA	Built In Combination Lock	32.02	3.90
10 51 26		**Plastic Lockers** *(10 51)*		
10 51 26 00-0001		**Solid Plastic Lockers** *(10 51 26)*		
		Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.		
10 51 26 00-0002		**Single Tier Solid Plastic Lockers** *(10 51 26 00-0001)*		
		Note: Includes one double hook per tier.		
10 51 26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	490.35	30.23
		For >50 To 100, Deduct	*-42.99*	
		For >100, Deduct	*-66.30*	
10 51 26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	498.98	30.23
		For >50 To 100, Deduct	*-43.85*	
		For >100, Deduct	*-67.59*	
10 51 26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	507.61	30.23
		For >50 To 100, Deduct	*-44.72*	
		For >100, Deduct	*-68.89*	
10 51 26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	520.54	30.23
		For >50 To 100, Deduct	*-46.01*	
		For >100, Deduct	*-70.83*	
10 51 26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	506.86	30.23
		For >50 To 100, Deduct	*-44.64*	
		For >100, Deduct	*-68.78*	
10 51 26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	510.49	30.23
		For >50 To 100, Deduct	*-45.00*	
		For >100, Deduct	*-69.32*	
10 51 26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	504.11	30.23
		For >50 To 100, Deduct	*-44.37*	
		For >100, Deduct	*-68.36*	
10 51 26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	539.72	30.23
		For >50 To 100, Deduct	*-47.93*	
		For >100, Deduct	*-73.70*	
10 51 26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	531.50	30.23
		For >50 To 100, Deduct	*-47.11*	
		For >100, Deduct	*-72.47*	
10 51 26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	541.09	30.23
		For >50 To 100, Deduct	*-48.06*	
		For >100, Deduct	*-73.91*	
10 51 26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	550.67	30.23
		For >50 To 100, Deduct	*-49.02*	
		For >100, Deduct	*-75.35*	
10 51 26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	572.58	30.23
		For >50 To 100, Deduct	*-51.21*	
		For >100, Deduct	*-78.63*	
10 51 26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	602.71	30.23
		For >50 To 100, Deduct	*-54.23*	
		For >100, Deduct	*-83.15*	
10 51 26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	575.31	30.23
		For >50 To 100, Deduct	*-51.49*	
		For >100, Deduct	*-79.04*	
10 51 26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	624.61	30.23
		For >50 To 100, Deduct	*-56.42*	
		For >100, Deduct	*-86.44*	
10 51 26 00-0018	EA	12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	535.32	30.23
		For >50 To 100, Deduct	*-47.49*	
		For >100, Deduct	*-73.04*	
10 51 26 00-0019	EA	12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	563.41	30.23
		For >50 To 100, Deduct	*-50.30*	
		For >100, Deduct	*-77.26*	
10 51 26 00-0020	EA	12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	591.52	30.23
		For >50 To 100, Deduct	*-53.11*	
		For >100, Deduct	*-81.47*	
10 51 26 00-0021	EA	15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	570.93	30.23
		For >50 To 100, Deduct	*-51.05*	
		For >100, Deduct	*-78.39*	
10 51 26 00-0022	EA	15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	600.71	30.23
		For >50 To 100, Deduct	*-54.03*	
		For >100, Deduct	*-82.85*	
10 51 26 00-0023	EA	15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	630.50	30.23
		For >50 To 100, Deduct	*-57.01*	
		For >100, Deduct	*-87.32*	
10 51 26 00-0024	EA	18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	606.55	30.23
		For >50 To 100, Deduct	*-54.61*	
		For >100, Deduct	*-83.73*	
10 51 26 00-0025	EA	18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	638.02	30.23
		For >50 To 100, Deduct	*-57.76*	
		For >100, Deduct	*-88.45*	
10 51 26 00-0026	EA	12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	611.88	31.20
		For >50 To 100, Deduct	*-54.95*	
		For >100, Deduct	*-84.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0027	EA	12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	643.38	31.20
		For >50 To 100, Deduct	*-58.10*	
		For >100, Deduct	*-89.02*	
10 51 26 00-0028	EA	12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	674.84	31.20
		For >50 To 100, Deduct	*-61.24*	
		For >100, Deduct	*-93.74*	
10 51 26 00-0029	EA	15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	652.76	31.20
		For >50 To 100, Deduct	*-59.04*	
		For >100, Deduct	*-90.43*	
10 51 26 00-0030	EA	15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	685.97	31.20
		For >50 To 100, Deduct	*-62.36*	
		For >100, Deduct	*-95.41*	
10 51 26 00-0031	EA	15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	719.15	31.20
		For >50 To 100, Deduct	*-65.68*	
		For >100, Deduct	*-100.38*	
10 51 26 00-0032	EA	18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	685.34	31.20
		For >50 To 100, Deduct	*-62.29*	
		For >100, Deduct	*-95.31*	
10 51 26 00-0033	EA	18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	728.53	31.20
		For >50 To 100, Deduct	*-66.61*	
		For >100, Deduct	*-101.79*	
10 51 26 00-0034	EA	18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	763.41	31.20
		For >50 To 100, Deduct	*-70.10*	
		For >100, Deduct	*-107.02*	

10 51 26 00-0035 Double Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0036	EA	12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	549.88	31.20
		For >50 To 100, Deduct	*-48.75*	
		For >100, Deduct	*-74.99*	
10 51 26 00-0037	EA	12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	558.10	31.20
		For >50 To 100, Deduct	*-49.57*	
		For >100, Deduct	*-76.23*	
10 51 26 00-0038	EA	12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	570.41	31.20
		For >50 To 100, Deduct	*-50.80*	
		For >100, Deduct	*-78.07*	
10 51 26 00-0039	EA	15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	566.32	31.20
		For >50 To 100, Deduct	*-50.39*	
		For >100, Deduct	*-77.46*	
10 51 26 00-0040	EA	15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	588.23	31.20
		For >50 To 100, Deduct	*-52.58*	
		For >100, Deduct	*-80.75*	
10 51 26 00-0041	EA	15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	640.26	31.20
		For >50 To 100, Deduct	*-57.79*	
		For >100, Deduct	*-88.55*	
10 51 26 00-0042	EA	18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	571.80	31.20
		For >50 To 100, Deduct	*-50.94*	
		For >100, Deduct	*-78.28*	
10 51 26 00-0043	EA	18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	598.30	31.20
		For >50 To 100, Deduct	*-53.59*	
		For >100, Deduct	*-82.26*	
10 51 26 00-0044	EA	18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	645.74	31.20
		For >50 To 100, Deduct	*-58.33*	
		For >100, Deduct	*-89.37*	
10 51 26 00-0045	EA	12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	568.73	31.20
		For >50 To 100, Deduct	*-50.63*	
		For >100, Deduct	*-77.82*	
10 51 26 00-0046	EA	12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	611.62	31.20
		For >50 To 100, Deduct	*-54.92*	
		For >100, Deduct	*-84.26*	
10 51 26 00-0047	EA	12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	623.88	31.20
		For >50 To 100, Deduct	*-56.15*	
		For >100, Deduct	*-86.09*	
10 51 26 00-0048	EA	15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	618.79	31.20
		For >50 To 100, Deduct	*-55.64*	
		For >100, Deduct	*-85.33*	
10 51 26 00-0049	EA	15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	647.22	31.20
		For >50 To 100, Deduct	*-58.48*	
		For >100, Deduct	*-89.60*	
10 51 26 00-0050	EA	18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	652.78	31.20
		For >50 To 100, Deduct	*-59.04*	
		For >100, Deduct	*-90.43*	
10 51 26 00-0051	EA	18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	682.83	31.20
		For >50 To 100, Deduct	*-62.04*	
		For >100, Deduct	*-94.94*	
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	712.89	31.20
		For >50 To 100, Deduct	*-65.05*	
		For >100, Deduct	*-99.45*	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	657.96	32.17
		For >50 To 100, Deduct	*-59.36*	
		For >100, Deduct	*-90.97*	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	688.02	32.17
		For >50 To 100, Deduct	*-62.37*	
		For >100, Deduct	*-95.48*	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	703.68	32.17
		For >50 To 100, Deduct	*-63.93*	
		For >100, Deduct	*-97.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	696.98	32.17
		For >50 To 100, Deduct	*-63.26*	
		For >100, Deduct	*-96.83*	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	728.68	32.17
		For >50 To 100, Deduct	*-66.43*	
		For >100, Deduct	*-101.58*	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	760.37	32.17
		For >50 To 100, Deduct	*-69.60*	
		For >100, Deduct	*-106.33*	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	702.65	32.17
		For >50 To 100, Deduct	*-63.83*	
		For >100, Deduct	*-97.68*	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	769.31	32.17
		For >50 To 100, Deduct	*-70.50*	
		For >100, Deduct	*-107.67*	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	802.60	32.17
		For >50 To 100, Deduct	*-73.83*	
		For >100, Deduct	*-112.67*	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0063	EA	12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	541.56	32.17
		For >50 To 100, Deduct	*-47.72*	
		For >100, Deduct	*-73.51*	
10 51 26 00-0064	EA	15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	564.11	32.17
		For >50 To 100, Deduct	*-49.98*	
		For >100, Deduct	*-76.89*	
10 51 26 00-0065	EA	15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	584.79	32.17
		For >50 To 100, Deduct	*-52.04*	
		For >100, Deduct	*-80.00*	
10 51 26 00-0066	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	588.80	32.17
		For >50 To 100, Deduct	*-52.45*	
		For >100, Deduct	*-80.60*	
10 51 26 00-0067	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	636.98	32.17
		For >50 To 100, Deduct	*-57.26*	
		For >100, Deduct	*-87.83*	
10 51 26 00-0068	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	637.21	32.17
		For >50 To 100, Deduct	*-57.29*	
		For >100, Deduct	*-87.86*	
10 51 26 00-0069	EA	15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	663.50	32.17
		For >50 To 100, Deduct	*-59.92*	
		For >100, Deduct	*-91.80*	
10 51 26 00-0070	EA	15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	689.91	32.17
		For >50 To 100, Deduct	*-62.56*	
		For >100, Deduct	*-95.76*	
10 51 26 00-0071	EA	15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	716.29	32.17
		For >50 To 100, Deduct	*-65.19*	
		For >100, Deduct	*-99.72*	
10 51 26 00-0072	EA	18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	695.07	32.17
		For >50 To 100, Deduct	*-63.07*	
		For >100, Deduct	*-96.54*	
10 51 26 00-0073	EA	18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	722.98	32.17
		For >50 To 100, Deduct	*-65.86*	
		For >100, Deduct	*-100.73*	
10 51 26 00-0074	EA	18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	750.88	32.17
		For >50 To 100, Deduct	*-68.65*	
		For >100, Deduct	*-104.91*	
10 51 26 00-0075	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	700.02	33.15
		For >50 To 100, Deduct	*-63.37*	
		For >100, Deduct	*-97.05*	
10 51 26 00-0076	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	727.94	33.15
		For >50 To 100, Deduct	*-66.16*	
		For >100, Deduct	*-101.24*	
10 51 26 00-0077	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	747.53	33.15
		For >50 To 100, Deduct	*-68.12*	
		For >100, Deduct	*-104.17*	
10 51 26 00-0078	EA	15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	736.25	33.15
		For >50 To 100, Deduct	*-67.00*	
		For >100, Deduct	*-102.48*	
10 51 26 00-0079	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	745.10	33.15
		For >50 To 100, Deduct	*-67.88*	
		For >100, Deduct	*-103.81*	
10 51 26 00-0080	EA	15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	776.99	33.15
		For >50 To 100, Deduct	*-71.07*	
		For >100, Deduct	*-108.59*	
10 51 26 00-0081	EA	18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	723.58	33.15
		For >50 To 100, Deduct	*-65.73*	
		For >100, Deduct	*-100.58*	
10 51 26 00-0082	EA	18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	788.42	33.15
		For >50 To 100, Deduct	*-72.21*	
		For >100, Deduct	*-110.31*	
10 51 26 00-0083	EA	18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	834.33	33.15
		For >50 To 100, Deduct	*-76.80*	
		For >100, Deduct	*-117.19*	

10 51 26 00-0084 Four Tier Solid Plastic Lockers *(10 51 26 00-0001)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0085	EA	12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	629.09	33.15
		For >50 To 100, Deduct	*-56.28*	
		For >100, Deduct	*-86.41*	
10 51 26 00-0086	EA	12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	647.39	33.15
		For >50 To 100, Deduct	*-58.11*	
		For >100, Deduct	*-89.15*	
10 51 26 00-0087	EA	12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	681.13	33.15
		For >50 To 100, Deduct	*-61.48*	
		For >100, Deduct	*-94.21*	
10 51 26 00-0088	EA	15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	677.02	33.15
		For >50 To 100, Deduct	*-61.07*	
		For >100, Deduct	*-93.60*	
10 51 26 00-0089	EA	15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	720.73	33.15
		For >50 To 100, Deduct	*-65.44*	
		For >100, Deduct	*-100.15*	
10 51 26 00-0090	EA	15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	734.53	33.15
		For >50 To 100, Deduct	*-66.82*	
		For >100, Deduct	*-102.22*	
10 51 26 00-0091	EA	18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	727.68	33.15
		For >50 To 100, Deduct	*-66.14*	
		For >100, Deduct	*-101.20*	
10 51 26 00-0092	EA	18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	750.96	33.15
		For >50 To 100, Deduct	*-68.47*	
		For >100, Deduct	*-104.69*	
10 51 26 00-0093	EA	18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	818.07	33.15
		For >50 To 100, Deduct	*-75.18*	
		For >100, Deduct	*-114.75*	
10 51 26 00-0094	EA	12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	724.09	34.13
		For >50 To 100, Deduct	*-65.58*	
		For >100, Deduct	*-100.42*	
10 51 26 00-0095	EA	12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	756.54	34.13
		For >50 To 100, Deduct	*-68.83*	
		For >100, Deduct	*-105.29*	
10 51 26 00-0096	EA	12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	760.77	34.13
		For >50 To 100, Deduct	*-69.25*	
		For >100, Deduct	*-105.93*	
10 51 26 00-0097	EA	15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	801.66	34.13
		For >50 To 100, Deduct	*-73.34*	
		For >100, Deduct	*-112.06*	
10 51 26 00-0098	EA	15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	763.82	34.13
		For >50 To 100, Deduct	*-69.56*	
		For >100, Deduct	*-106.38*	
10 51 26 00-0099	EA	15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	798.10	34.13
		For >50 To 100, Deduct	*-72.99*	
		For >100, Deduct	*-111.53*	
10 51 26 00-0100	EA	18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	762.51	34.13
		For >50 To 100, Deduct	*-69.43*	
		For >100, Deduct	*-106.19*	
10 51 26 00-0101	EA	18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	803.59	34.13
		For >50 To 100, Deduct	*-73.53*	
		For >100, Deduct	*-112.35*	
10 51 26 00-0102	EA	18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	865.14	34.13
		For >50 To 100, Deduct	*-79.69*	
		For >100, Deduct	*-121.58*	

10 51 26 00-0103 Five Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0104	EA	12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	684.08	33.63
		For >50 To 100, Deduct	*-61.68*	
		For >100, Deduct	*-94.54*	
10 51 26 00-0105	EA	12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	706.74	33.63
		For >50 To 100, Deduct	*-63.95*	
		For >100, Deduct	*-97.94*	
10 51 26 00-0106	EA	12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	729.41	33.63
		For >50 To 100, Deduct	*-66.21*	
		For >100, Deduct	*-101.34*	
10 51 26 00-0107	EA	15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	714.98	33.63
		For >50 To 100, Deduct	*-64.77*	
		For >100, Deduct	*-99.17*	
10 51 26 00-0108	EA	15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	755.57	33.63
		For >50 To 100, Deduct	*-68.83*	
		For >100, Deduct	*-105.26*	
10 51 26 00-0109	EA	15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	775.22	33.63
		For >50 To 100, Deduct	*-70.79*	
		For >100, Deduct	*-108.21*	
10 51 26 00-0110	EA	18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	768.37	33.63
		For >50 To 100, Deduct	*-70.11*	
		For >100, Deduct	*-107.18*	
10 51 26 00-0111	EA	18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	790.28	33.63
		For >50 To 100, Deduct	*-72.30*	
		For >100, Deduct	*-110.47*	
10 51 26 00-0112	EA	18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	861.49	33.63
		For >50 To 100, Deduct	*-79.42*	
		For >100, Deduct	*-121.15*	
10 51 26 00-0113	EA	12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	746.21	34.61
		For >50 To 100, Deduct	*-67.70*	
		For >100, Deduct	*-103.62*	
10 51 26 00-0114	EA	12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	771.63	34.61
		For >50 To 100, Deduct	*-70.24*	
		For >100, Deduct	*-107.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0115	EA	12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	797.02	34.61
		For >50 To 100, Deduct	*-72.78*	
		For >100, Deduct	*-111.25*	
10 51 26 00-0116	EA	15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	788.13	34.61
		For >50 To 100, Deduct	*-71.89*	
		For >100, Deduct	*-109.91*	
10 51 26 00-0117	EA	15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	806.01	34.61
		For >50 To 100, Deduct	*-73.68*	
		For >100, Deduct	*-112.59*	
10 51 26 00-0118	EA	15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	832.77	34.61
		For >50 To 100, Deduct	*-76.35*	
		For >100, Deduct	*-116.61*	
10 51 26 00-0119	EA	18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	812.20	34.61
		For >50 To 100, Deduct	*-74.30*	
		For >100, Deduct	*-113.52*	
10 51 26 00-0120	EA	18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	842.89	34.61
		For >50 To 100, Deduct	*-77.37*	
		For >100, Deduct	*-118.13*	
10 51 26 00-0121	EA	18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	878.50	34.61
		For >50 To 100, Deduct	*-80.93*	
		For >100, Deduct	*-123.47*	

10 51 26 00-0122 Six Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0123	EA	15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®)	788.61	34.13
		For >50 To 100, Deduct	*-72.04*	
		For >100, Deduct	*-110.10*	
10 51 26 00-0124	EA	12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	774.00	35.10
		For >50 To 100, Deduct	*-70.38*	
		For >100, Deduct	*-107.68*	
10 51 26 00-0125	EA	12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	799.38	35.10
		For >50 To 100, Deduct	*-72.92*	
		For >100, Deduct	*-111.48*	
10 51 26 00-0126	EA	12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	816.31	35.10
		For >50 To 100, Deduct	*-74.61*	
		For >100, Deduct	*-114.02*	
10 51 26 00-0127	EA	15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	850.15	35.10
		For >50 To 100, Deduct	*-78.00*	
		For >100, Deduct	*-119.10*	
10 51 26 00-0128	EA	15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	860.03	35.10
		For >50 To 100, Deduct	*-78.98*	
		For >100, Deduct	*-120.58*	
10 51 26 00-0129	EA	15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	867.09	35.10
		For >50 To 100, Deduct	*-79.69*	
		For >100, Deduct	*-121.64*	
10 51 26 00-0130	EA	18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	869.89	35.10
		For >50 To 100, Deduct	*-79.97*	
		For >100, Deduct	*-122.06*	
10 51 26 00-0131	EA	18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	900.92	35.10
		For >50 To 100, Deduct	*-83.07*	
		For >100, Deduct	*-126.71*	
10 51 26 00-0132	EA	18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	941.83	35.10
		For >50 To 100, Deduct	*-87.16*	
		For >100, Deduct	*-132.85*	

10 51 26 00-0133 Solid Plastic Locker Accessories *(10 51 26 00-0001)*

10 51 26 00-0134 Slope Tops For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0135	EA	Slope Top For Solid Plastic Lockers (Tufftec Lockers®)	37.11

10 51 26 00-0136 Recessed Bases For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0137	EA	Recessed Base For Solid Plastic Lockers (Tufftec Lockers®)	40.76

10 51 26 00-0138 End Panels For Solid Plastic Lockers *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0139	EA	End Panel For Solid Plastic Lockers (Tufftec Lockers®)	93.87

10 51 26 00-0140 Venting Options For Solid Plastic Locker Doors *(10 51 26 00-0133)*

Note: Price per frame.

10 51 26 00-0141	EA	Horizontal Venting Option For Solid Plastic Locker Doors	36.62

10 51 26 00-0142 Filler Panels For Solid Plastic Lockers *(10 51 26 00-0133)*

10 51 26 00-0143	EA	Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®) Note: Full locker height. Width and height cut to size in the field.	97.62

10 51 26 00-0144 Locker Accessories For Solid Plastic Lockers *(10 51 26 00-0133)*

10 51 26 00-0145	EA	Built In Hasp For Solid Plastic Lockers Note: For removable padlocks. Excludes padlock.	9.15
10 51 26 00-0146	EA	Built In Combination Lock For Solid Plastic Lockers	27.47
10 51 26 00-0147	EA	Built In Key Lock For Solid Plastic Lockers	36.62

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 51 53 Locker Room Benches *(10 51)*

10 51 53 00-0001	LF	Hardwood Bench With Aluminum Pedestals	79.71	4.87
10 51 53 00-0002	LF	Hardwood Bench With Painted Steel Pedestals	63.85	4.87
10 51 53 00-0003	LF	Plastic Laminated Bench With Steel Pedestals	96.93	4.87
10 51 53 00-0004	LF	Solid Plastic Bench With Steel Pedestals	92.68	4.87
10 51 53 00-0005	LF	Aluminum Bench With Aluminum Pedestals	72.26	4.87

10 56 Storage Assemblies *(10 50)*

10 56 13 Metal Storage Shelving *(10 56)*

10 56 13 16 Post-And-Shelf Metal Storage Shelving *(10 56 13)*

10 56 13 16-0001 Baked Enamel Steel Shelving *(10 56 13 16)*

10 56 13 16-0002 7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type *(10 56 13 16-0001)*

10 56 13 16-0003	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf	77.83	18.13
		For >75" To 87" High, Add	*6.18*	
10 56 13 16-0004	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf	78.92	19.04
		For >75" To 87" High, Add	*6.19*	
10 56 13 16-0005	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf	77.95	20.85
		For >75" To 87" High, Add	*5.95*	
10 56 13 16-0006	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf	95.29	22.66
		For >75" To 87" High, Add	*7.57*	
10 56 13 16-0007	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf	105.82	23.57
		For >75" To 87" High, Add	*8.48*	
10 56 13 16-0008	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf	103.98	25.38
		For >75" To 87" High, Add	*8.18*	
10 56 13 16-0009	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf	114.45	27.20
		For >75" To 87" High, Add	*9.08*	

10 56 13 16-0010 3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed *(10 56 13 16-0001)*
Note: Adjustable shelves.

10 56 13 16-0011	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf	52.19	9.25
10 56 13 16-0012	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf	52.29	9.88
10 56 13 16-0013	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf	58.21	10.52
10 56 13 16-0014	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf	60.72	11.15
10 56 13 16-0015	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf	69.15	11.87

10 56 13 16-0016 4 Shelf Unit, 40" High Unit *(10 56 13 16-0001)*

10 56 13 16-0017	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf	64.45	18.13
10 56 13 16-0018	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf	55.76	19.04
10 56 13 16-0019	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf	63.16	20.85
10 56 13 16-0020	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf	66.70	22.66
10 56 13 16-0021	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf	75.01	23.57

10 56 16 Fabricated Wood Storage Shelving *(10 56)*

10 56 16 00-0001 Shelving *(10 56 16)*

10 56 16 00-0002 Built-In Wood Shelving *(10 56 16 00-0001)*
Note: Priced by shelf area. Includes hardware and trim.

10 56 16 00-0003	SF	Built-in Wood Storage Shelving Post And Trimmed Plywood	18.23	2.45
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0004	SF	Built-in Wood Storage Shelving Post And Solid Clear Pine	19.64	2.95
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0005	SF	Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod	19.86	4.91
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	

10 56 16 00-0006 Wood Shelving, White Pine, Clear Grade, Wall Mounted *(10 56 16 00-0001)*

10 56 16 00-0007	LF	1" x 8" White Pine Clear Grade Wood Shelving	15.35	5.89
10 56 16 00-0008	LF	1" x 10" White Pine Clear Grade Wood Shelving	16.82	6.29
10 56 16 00-0009	LF	1" x 12" White Pine Clear Grade Wood Shelving	18.46	6.77
10 56 16 00-0010	SF	Wood Shelving, 2" White Pine Clear Grade	23.75	

10 56 16 00-0011 Plywood Shelf With Edge Band *(10 56 16 00-0001)*

10 56 16 00-0012	LF	3/4" Plywood Shelf, 12" Wide With Edge Band	18.32	5.89
10 56 16 00-0013	LF	3/4" Plywood Shelf, 24" Wide With Edge Band	27.97	7.36

10 56 16 00-0014 Adjustable Shelf And Rod *(10 56 16 00-0001)*

10 56 16 00-0015	EA	12" Wide Adjustable Shelf, 3' To 6' Long Including Rod	152.49	22.09
10 56 16 00-0016	EA	12" Wide Adjustable Shelf, 5' To 8' Long Including Rod	181.01	29.47

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 16 00-0017		**Prefinished Wood Shelves With Brackets And Supports** *(10 56 16 00-0001)*		
10 56 16 00-0018	LF	Prefinished Wood Shelves, 8" Wide, With Brackets And Supports	16.14	5.89
10 56 16 00-0019	LF	Prefinished Wood Shelves, 10" Wide, With Brackets And Supports	17.53	6.29
10 56 16 00-0020	SF	Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards	55.78	9.82
10 56 16 00-0021		**Wood Shelving, Oak, Clear Grade, Wall Mounted** *(10 56 16 00-0001)*		
10 56 16 00-0022	LF	Wood Shelving, 1" X 8" Oak Clear Grade	17.98	9.23

10 56 17 Wall-Mounted Standards and Shelving *(10 56)*

10 56 17 00-0001		**Galvanized Steel, Wall Mounted Solid Shelving** *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0002	LF	8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	57.18	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0003	LF	10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	59.00	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0004	LF	12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	63.22	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0005	LF	16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	68.67	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0006	LF	18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	70.02	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0007	LF	24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	81.69	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0008		**304 Stainless Steel, Wall Mounted Solid Shelving** *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0009	LF	8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	90.27	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0010	LF	10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	98.54	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0011	LF	12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	106.84	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0012	LF	16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	125.92	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0013	LF	18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	137.21	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0014	LF	24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	153.53	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0015		**Laminated Particleboard, Wall Mounted Solid Shelving** *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0016	LF	8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	40.00	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0017	LF	10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	41.23	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0018	LF	12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	42.72	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0019	LF	16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	44.88	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0020	LF	18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	47.49	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0021	LF	24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	54.52	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0022		**Chrome Plated Steel, Wall Mounted Wire Shelving** *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0023	LF	14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	56.03	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0024	LF	18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	62.39	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0025		Stainless Steel, Wall Mounted Wire Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0026	LF	14" Depth, Stainless Steel, Wall Mounted Wire Shelving	125.14	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0027	LF	18" Depth, Stainless Steel, Wall Mounted Wire Shelving	130.01	9.75
		For Installation On Concrete Walls, Add	*2.59*	
		For Installation On Concrete Block Walls, Add	*3.51*	
10 56 17 00-0028		Prefinished Hardwood Plywood, Wall Mounted Solid Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0029	LF	8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	44.35	9.75
		For Installation On Concrete Walls, Add	*3.68*	
		For Installation On Concrete Block Walls, Add	*4.60*	
10 56 17 00-0030	LF	10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	45.30	9.75
		For Installation On Concrete Walls, Add	*3.70*	
		For Installation On Concrete Block Walls, Add	*4.62*	
10 56 17 00-0031	LF	12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	45.97	9.75
		For Installation On Concrete Walls, Add	*3.73*	
		For Installation On Concrete Block Walls, Add	*4.65*	
10 56 17 00-0032	LF	16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	48.18	9.75
		For Installation On Concrete Walls, Add	*3.79*	
		For Installation On Concrete Block Walls, Add	*4.71*	
10 56 17 00-0033	LF	18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	49.30	9.75
		For Installation On Concrete Walls, Add	*3.82*	
		For Installation On Concrete Block Walls, Add	*4.74*	
10 56 17 00-0034	LF	24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	52.66	9.75
		For Installation On Concrete Walls, Add	*3.90*	
		For Installation On Concrete Block Walls, Add	*4.82*	
10 56 17 00-0035		Wall Mounted Shelving Accessories *(10 56 17)*		
10 56 17 00-0036	LF	Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit	29.67	

10 57 Wardrobe And Closet Specialties *(10 50)*

10 57 13 Hat And Coat Racks *(10 57)*

10 57 13 00-0001 Hat And Coat Rack *(10 57 13)*

10 57 13 00-0002 Single Tier *(10 57 13 00-0001)*

10 57 13 00-0003	LF	Single Tier Hat And Coat Rack Baked Enameled Steel	40.14	4.87
		For Custom Made Units, Add	*16.33*	
10 57 13 00-0004	LF	Single Tier Hat And Coat Rack Stainless Steel	38.91	4.87
		For Custom Made Units, Add	*15.59*	
10 57 13 00-0005	LF	Single Tier Hat And Coat Rack Aluminum	80.96	4.87
		For Custom Made Units, Add	*40.82*	

10 57 13 00-0006 Double Tier *(10 57 13 00-0001)*

10 57 13 00-0007	LF	Double Tier Hat And Coat Rack Baked Enameled Steel	52.71	4.87
		For Custom Made Units, Add	*22.04*	
10 57 13 00-0008	LF	Double Tier Hat And Coat Rack Stainless Steel	44.15	4.87
		For Custom Made Units, Add	*16.90*	
10 57 13 00-0009	LF	Double Tier Hat And Coat Rack Aluminum	134.64	4.87
		For Custom Made Units, Add	*71.20*	

10 57 43 Wardrobe Units *(10 57)*

10 57 43 00-0001 Dormitory Wardrobe Units *(10 57 43)*

10 57 43 00-0002	EA	24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door	1,327.25	180.56
		For Custom Made Units, Add	*669.97*	
10 57 43 00-0003	EA	24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door	1,043.45	180.56
		For Custom Made Units, Add	*499.69*	

10 57 43 00-0004 Hospital Wardrobe Units 24" x 24" x 76" With Door *(10 57 43)*

10 57 43 00-0005	EA	Baked Enamel Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door	671.06	180.56
		For Custom Made Units, Add	*276.25*	
10 57 43 00-0006	EA	Hardwood Hospital Wardrobe 24" x 24" x 76" Unit With Door	829.23	180.56
		For Custom Made Units, Add	*371.16*	
10 57 43 00-0007	EA	Stainless Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door	1,072.44	180.56
		For Custom Made Units, Add	*517.08*	
10 57 43 00-0008	EA	Plastic Laminate Hospital Wardrobe 24" x 24" x 76" Unit With Door	1,468.44	180.56
		For Custom Made Units, Add	*754.68*	

10 70 Exterior Specialties *(10)*

10 71 Exterior Protection *(10 70)*

10 71 13 Exterior Sun Control Devices *(10 71)*

10 71 13 13 Exterior Shutters *(10 71 13)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0001		Exterior Shutters, High Impact Resistant Plastic, Unfinished *(10 71 13 13)*		
10 71 13 13-0002		Louvered Decorative Shutters *(10 71 13 13-0001)*		
10 71 13 13-0003	PR	15" x 25" Louvered Shutter, High Impact Resistant Plastic	64.49	29.46
		For Colored Finish, Add	*4.54*	
10 71 13 13-0004	PR	15" x 31" Louvered Shutter, High Impact Resistant Plastic	69.17	30.94
		For Colored Finish, Add	*5.03*	
10 71 13 13-0005	PR	15" x 36" Louvered Shutter, High Impact Resistant Plastic	73.87	32.41
		For Colored Finish, Add	*5.52*	
10 71 13 13-0006	PR	15" x 39" Louvered Shutter, High Impact Resistant Plastic	78.24	33.89
		For Colored Finish, Add	*5.95*	
10 71 13 13-0007	PR	15" x 43" Louvered Shutter, High Impact Resistant Plastic	83.06	35.36
		For Colored Finish, Add	*6.46*	
10 71 13 13-0008	PR	15" x 48" Louvered Shutter, High Impact Resistant Plastic	88.03	36.84
		For Colored Finish, Add	*7.01*	
10 71 13 13-0009	PR	15" x 52" Louvered Shutter, High Impact Resistant Plastic	91.75	38.31
		For Colored Finish, Add	*7.32*	
10 71 13 13-0010	PR	15" x 55" Louvered Shutter, High Impact Resistant Plastic	95.79	39.78
		For Colored Finish, Add	*7.70*	
10 71 13 13-0011	PR	15" x 60" Louvered Shutter, High Impact Resistant Plastic	100.80	41.25
		For Colored Finish, Add	*8.24*	
10 71 13 13-0012	PR	15" x 64" Louvered Shutter, High Impact Resistant Plastic	107.16	42.72
		For Colored Finish, Add	*9.03*	
10 71 13 13-0013	PR	15" x 67" Louvered Shutter, High Impact Resistant Plastic	110.75	44.20
		For Colored Finish, Add	*9.33*	
10 71 13 13-0014	PR	15" x 72" Louvered Shutter, High Impact Resistant Plastic	118.45	45.67
		For Colored Finish, Add	*10.36*	
10 71 13 13-0015	PR	15" x 75" Louvered Shutter, High Impact Resistant Plastic	122.01	47.15
		For Colored Finish, Add	*10.65*	
10 71 13 13-0016	PR	15" x 80" Louvered Shutter, High Impact Resistant Plastic	127.71	48.62
		For Colored Finish, Add	*11.32*	
10 71 13 13-0017		Raised Panel Decorative Shutters *(10 71 13 13-0001)*		
10 71 13 13-0018	PR	15" x 35" Raised Panel Shutter, High Impact Resistant Plastic	84.02	32.41
		For Colored Finish, Add	*7.34*	
10 71 13 13-0019	PR	15" x 39" Raised Panel Shutter, High Impact Resistant Plastic	89.41	33.89
		For Colored Finish, Add	*7.96*	
10 71 13 13-0020	PR	15" x 43" Raised Panel Shutter, High Impact Resistant Plastic	93.34	35.36
		For Colored Finish, Add	*8.32*	
10 71 13 13-0021	PR	15" x 47" Raised Panel Shutter, High Impact Resistant Plastic	98.87	36.84
		For Colored Finish, Add	*8.96*	
10 71 13 13-0022	PR	15" x 51" Raised Panel Shutter, High Impact Resistant Plastic	103.76	38.31
		For Colored Finish, Add	*9.48*	
10 71 13 13-0023	PR	15" x 55" Raised Panel Shutter, High Impact Resistant Plastic	108.45	39.78
		For Colored Finish, Add	*9.97*	
10 71 13 13-0024	PR	15" x 59" Raised Panel Shutter, High Impact Resistant Plastic	114.40	41.25
		For Colored Finish, Add	*10.69*	
10 71 13 13-0025	PR	15" x 63" Raised Panel Shutter, High Impact Resistant Plastic	121.92	42.72
		For Colored Finish, Add	*11.69*	
10 71 13 13-0026	PR	15" x 67" Raised Panel Shutter, High Impact Resistant Plastic	127.51	44.20
		For Colored Finish, Add	*12.34*	
10 71 13 13-0027	PR	15" x 71" Raised Panel Shutter, High Impact Resistant Plastic	133.68	45.67
		For Colored Finish, Add	*13.10*	
10 71 13 13-0028	PR	15" x 75" Raised Panel Shutter, High Impact Resistant Plastic	136.44	47.15
		For Colored Finish, Add	*13.24*	
10 71 13 13-0029	PR	15" x 81" Raised Panel Shutter, High Impact Resistant Plastic	141.19	48.62
		For Colored Finish, Add	*13.74*	
10 71 13 13-0030		Exterior Spanish Cedar Shutters *(10 71 13 13)*		
10 71 13 13-0031		12" Width *(10 71 13 13-0030)*		
10 71 13 13-0032	PR	12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	355.05	29.46
		For Arched Tops, Add	*150.00*	
10 71 13 13-0033	PR	12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	383.74	32.41
		For Arched Tops, Add	*150.00*	
10 71 13 13-0034	PR	12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	410.47	33.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0035	PR	12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	439.17	36.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0036	PR	12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	465.89	38.31
		For Arched Tops, Add	*150.00*	
10 71 13 13-0037	PR	12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	496.65	41.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0038	PR	12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	523.40	42.72
		For Arched Tops, Add	*150.00*	
10 71 13 13-0039	PR	12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	550.11	44.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0040	PR	12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	578.81	47.15
		For Arched Tops, Add	*150.00*	
10 71 13 13-0041		14" Width *(10 71 13 13-0030)*		
10 71 13 13-0042	PR	14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	375.69	29.46
		For Arched Tops, Add	*150.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0043	PR	14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	408.50	32.41
		For Arched Tops, Add	*150.00*	
10 71 13 13-0044	PR	14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	439.37	33.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0045	PR	14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	472.19	36.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0046	PR	14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	503.04	38.31
		For Arched Tops, Add	*150.00*	
10 71 13 13-0047	PR	14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	535.87	41.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0048	PR	14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	566.74	42.72
		For Arched Tops, Add	*150.00*	
10 71 13 13-0049	PR	14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	595.52	44.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0050	PR	14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	628.34	47.15
		For Arched Tops, Add	*150.00*	
10 71 13 13-0051		16" Width *(10 71 13 13-0030)*		
10 71 13 13-0052	PR	16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	398.39	29.46
		For Arched Tops, Add	*150.00*	
10 71 13 13-0053	PR	16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	433.27	32.41
		For Arched Tops, Add	*150.00*	
10 71 13 13-0054	PR	16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	468.26	33.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0055	PR	16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	503.15	36.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0056	PR	16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	538.13	38.31
		For Arched Tops, Add	*150.00*	
10 71 13 13-0057	PR	16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	575.08	41.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0058	PR	16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	608.01	42.72
		For Arched Tops, Add	*150.00*	
10 71 13 13-0059	PR	16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	642.99	44.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0060	PR	16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	679.94	47.15
		For Arched Tops, Add	*150.00*	
10 71 13 13-0061		18" Width *(10 71 13 13-0030)*		
10 71 13 13-0062	PR	18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	419.03	29.46
		For Arched Tops, Add	*150.00*	
10 71 13 13-0063	PR	18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	458.04	32.41
		For Arched Tops, Add	*150.00*	
10 71 13 13-0064	PR	18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	497.15	33.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0065	PR	18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	536.17	36.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0066	PR	18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	573.21	38.31
		For Arched Tops, Add	*150.00*	
10 71 13 13-0067	PR	18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	614.29	41.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0068	PR	18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	651.34	42.72
		For Arched Tops, Add	*150.00*	
10 71 13 13-0069	PR	18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	690.45	44.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0070	PR	18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	729.47	47.15
		For Arched Tops, Add	*150.00*	
10 71 13 13-0071		20" Width *(10 71 13 13-0030)*		
10 71 13 13-0072	PR	20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	439.67	29.46
		For Arched Tops, Add	*150.00*	
10 71 13 13-0073	PR	20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	482.80	32.41
		For Arched Tops, Add	*150.00*	
10 71 13 13-0074	PR	20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	523.98	33.89
		For Arched Tops, Add	*150.00*	
10 71 13 13-0075	PR	20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	569.19	36.84
		For Arched Tops, Add	*150.00*	
10 71 13 13-0076	PR	20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	610.36	38.31
		For Arched Tops, Add	*150.00*	
10 71 13 13-0077	PR	20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	653.50	41.25
		For Arched Tops, Add	*150.00*	
10 71 13 13-0078	PR	20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	694.69	42.72
		For Arched Tops, Add	*150.00*	
10 71 13 13-0079	PR	20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	735.86	44.20
		For Arched Tops, Add	*150.00*	
10 71 13 13-0080	PR	20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	779.00	47.15
		For Arched Tops, Add	*150.00*	

10 73 Protective Covers *(10 70)*

10 73 13 Awnings *(10 73)*

10 73 13 13 Metal Awnings *(10 73 13)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 73 13 13-0001			Metal Awnings *(10 73 13 13)*		
			Note: Includes metal cover, frame supports and anchoring.		
	10 73 13 13-0002	SF	Ribbed Aluminum Window Awnings, Clear Weather Resistant Finish	45.25	7.27
	10 73 13 13-0003	SF	Ribbed Aluminum Window Awning, Baked Enamel Finish	40.09	6.52
	10 73 13 13-0004	SF	Flat Roofed Steel Awning (Per SF Of Covered Area)	105.68	7.56
	10 73 13 13-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	109.26	8.50
10 73 13 23			**Fabric Awnings** *(10 73 13)*		
10 73 13 23-0001			Canvas Awnings *(10 73 13 23)*		
			Note: Includes minimum 12 oz. canvas, frame supports and anchoring.		
	10 73 13 23-0002	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	43.64	6.43
	10 73 13 23-0003	SF	Side Protection Canvas For Walkways (Per SF Of Wall Area)	24.27	2.07
	10 73 13 23-0004	SF	Replacement Canvas For Awnings	18.62	
			Note: Includes removal of existing canvas cover.		
			For 18 Oz. Vinyl Laminated Polyester Cover, Add	*0.54*	
10 73 16			**Canopies** *(10 73)*		
10 73 16 13			**Metal Canopies** *(10 73 16)*		
10 73 16 13-0001			Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished *(10 73 16 13)*		
			Note: Includes cover, frame supports and anchoring.		
	10 73 16 13-0002	EA	8' x 10' Canopy, Aluminum, Wall Hung	4,107.56	412.96
	10 73 16 13-0003	EA	8' x 20' Canopy, Aluminum, Wall Hung	7,497.21	660.89
	10 73 16 13-0004	EA	10' x 10' Canopy, Aluminum, Wall Hung	5,066.05	516.70
	10 73 16 13-0005	EA	10' x 20' Canopy, Aluminum, Wall Hung	8,990.58	690.93
10 73 26			**Walkway Coverings** *(10 73)*		
			Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.		
10 73 26 13			**Metal Walkway Coverings** *(10 73 26)*		
10 73 26 13-0001			Steel Walkway/Parking Covers *(10 73 26 13)*		
			Note: Factory applied polyester finish.		
	10 73 26 13-0002	SF	Flat Roofed Steel Walkway/Parking Cover	53.96	5.89
			Note: Includes factory applied polyester finish.		
			For Snow Load (30 PSF), Add	*16.87*	
			For Wind Load (140 MPH), Add	*21.09*	
	10 73 26 13-0003	SF	Arch Roofed Steel Walkway/Parking Cover	57.49	6.35
			Note: Includes factory applied polyester finish.		
			For Snow Load (30 PSF), Add	*17.92*	
			For Wind Load (140 MPH), Add	*22.41*	
10 73 26 13-0004			Aluminum Walkway/Parking Covers *(10 73 26 13)*		
	10 73 26 13-0005	SF	Flat Roofed Aluminum Walkway/Parking Cover	39.00	5.89
			Note: Includes factory applied polyester finish.		
			For Snow Load (30 PSF), Add	*10.89*	
			For Wind Load (140 MPH), Add	*13.61*	
	10 73 26 13-0006	SF	Arch Roofed Aluminum Walkway/Parking Cover	42.37	6.35
			Note: Includes factory applied polyester finish.		
			For Snow Load (30 PSF), Add	*11.88*	
			For Wind Load (140 MPH), Add	*14.85*	
10 75			Flagpoles *(10 70)*		
			Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.		
10 75 16			**Ground-Set Flagpoles** *(10 75)*		
10 75 16 00-0001			Free Standing Tapered Fiberglass Flagpoles *(10 75 16)*		
	10 75 16 00-0002	EA	25' Exposed Height, Tapered White Fiberglass Flagpole	2,584.24	734.48
			Note: 6" butt diameter, 3" top diameter and 0.180" wall.		
			For Internal Halyard, Cam System, Add	*300.00*	
			For Bronze Finish, Add	*20.00*	
			For Rope Lock Box, Add	*96.00*	
	10 75 16 00-0003	EA	30' Exposed Height, Tapered White Fiberglass Flagpole	2,770.92	801.24
			Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.		
			For Internal Halyard, Cam System, Add	*300.00*	
			For Bronze Finish, Add	*50.00*	
			For Rope Lock Box, Add	*96.00*	
	10 75 16 00-0004	EA	35' Exposed Height, Tapered White Fiberglass Flagpole	3,447.60	934.78
			Note: 7" butt diameter, 3" top diameter and 0.200" wall.		
			For Internal Halyard, Cam System, Add	*300.00*	
			For Bronze Finish, Add	*10.00*	
			For Rope Lock Box, Add	*96.00*	
	10 75 16 00-0005	EA	40' Exposed Height, Tapered White Fiberglass Flagpole	3,991.90	1,068.53
			Note: 7" butt diameter, 3" top diameter and 0.200" wall.		
			For Internal Halyard, Cam System, Add	*300.00*	
			For Bronze Finish, Add	*50.00*	
			For Rope Lock Box, Add	*96.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0006	EA	50' Exposed Height, Tapered White Fiberglass Flagpole Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.	6,981.18	1,202.04
		For Internal Halyard, Winch System, Add	*1,700.00*	
		For Bronze Finish, Add	*200.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0007	EA	60' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.	8,258.22	1,335.39
		For Internal Halyard, Winch System, Add	*1,900.00*	
		For Bronze Finish, Add	*160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0008	EA	70' Exposed Height, Tapered White Fiberglass Flagpole Note: 16" butt diameter, 7" top diameter and 0.325" wall.	13,768.63	1,469.37
		For Internal Halyard, Winch System, Add	*2,860.00*	
		For Bronze Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0009	EA	78' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.	17,673.76	1,602.47
		For Internal Halyard, Winch System, Add	*2,900.00*	
		For Bronze Finish, Add	*900.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0010		**Free Standing Tapered Aluminum Flagpoles** *(10 75 16)* Note: Heavy duty.		
10 75 16 00-0011	EA	20' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5" butt diameter, 3" top diameter and 0.188" wall.	1,945.25	667.86
		For Internal Halyard, Winch System, Add	*570.00*	
		For Clear Anodized Finish, Add	*150.00*	
		For Bronze Anodized Finish, Add	*180.00*	
		For Black Anodized Finish, Add	*230.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0012	EA	25' Exposed Height, Tapered Satin Aluminum Flagpole Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.	2,263.99	734.48
		For Internal Halyard, Winch System, Add	*1,100.00*	
		For Clear Anodized Finish, Add	*200.00*	
		For Bronze Anodized Finish, Add	*230.00*	
		For Black Anodized Finish, Add	*320.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0013	EA	30' Exposed Height, Tapered Satin Aluminum Flagpole Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.	2,501.02	801.24
		For Internal Halyard, Winch System, Add	*1,390.00*	
		For Clear Anodized Finish, Add	*240.00*	
		For Bronze Anodized Finish, Add	*290.00*	
		For Black Anodized Finish, Add	*400.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0014	EA	35' Exposed Height, Tapered Satin Aluminum Flagpole Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,105.95	934.78
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*290.00*	
		For Bronze Anodized Finish, Add	*360.00*	
		For Black Anodized Finish, Add	*480.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0015	EA	40' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	3,765.43	1,068.53
		For Internal Halyard, Winch System, Add	*1,490.00*	
		For Clear Anodized Finish, Add	*390.00*	
		For Bronze Anodized Finish, Add	*480.00*	
		For Black Anodized Finish, Add	*660.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0016	EA	45' Exposed Height, Tapered Satin Aluminum Flagpole Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.	4,127.42	1,135.26
		For Internal Halyard, Winch System, Add	*1,340.00*	
		For Clear Anodized Finish, Add	*400.00*	
		For Bronze Anodized Finish, Add	*500.00*	
		For Black Anodized Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0017	EA	50' Exposed Height, Tapered Satin Aluminum Flagpole Note: 10" butt diameter, 4" top diameter and 0.188" wall.	4,996.45	1,202.04
		For Internal Halyard, Winch System, Add	*1,380.00*	
		For Clear Anodized Finish, Add	*700.00*	
		For Bronze Anodized Finish, Add	*860.00*	
		For Black Anodized Finish, Add	*1,130.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0018	EA	60' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	7,949.47	1,335.39
		For Internal Halyard, Winch System, Add	*1,800.00*	
		For Clear Anodized Finish, Add	*620.00*	
		For Bronze Anodized Finish, Add	*820.00*	
		For Black Anodized Finish, Add	*1,160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0019	EA	70' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.250" wall.	8,706.14	1,469.37
		For Internal Halyard, Winch System, Add	*1,720.00*	
		For Clear Anodized Finish, Add	*710.00*	
		For Bronze Anodized Finish, Add	*950.00*	
		For Black Anodized Finish, Add	*1,360.00*	
		For Rope Lock Box, Add	*96.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0020	EA	80' Exposed Height, Tapered Satin Aluminum Flagpole Note: 12" butt diameter, 4" top diameter and 0.375" wall.	10,688.54	1,602.47
		For Internal Halyard, Winch System, Add	*2,600.00*	
		For Clear Anodized Finish, Add	*1,100.00*	
		For Bronze Anodized Finish, Add	*1,380.00*	
		For Black Anodized Finish, Add	*1,840.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0021 Flagpole Bases *(10 75 16)*

10 75 16 00-0022 Flagpole Concrete Base *(10 75 16 00-0021)*

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

10 75 16 00-0023	EA	30' Or Less Flagpole, Poured Concrete Foundation	1,173.88	
10 75 16 00-0024	EA	35' Flagpole, Poured Concrete Foundation	1,213.99	
10 75 16 00-0025	EA	40' Flagpole, Poured Concrete Foundation	1,396.33	
10 75 16 00-0026	EA	45' Flagpole, Poured Concrete Foundation	1,477.24	
10 75 16 00-0027	EA	50' Flagpole, Poured Concrete Foundation	1,770.39	
10 75 16 00-0028	EA	60' Flagpole, Poured Concrete Foundation	2,144.56	
10 75 16 00-0029	EA	70' Flagpole, Poured Concrete Foundation	2,537.99	
10 75 16 00-0030	EA	80' Flagpole, Poured Concrete Foundation	2,954.15	
10 75 16 00-0031	EA	90' To 100' Flagpole, Poured Concrete Foundation	3,447.61	

10 75 16 00-0032 Direct Embedded Flagpole Base *(10 75 16 00-0021)*

Note: Augured in place, no concrete required.

10 75 16 00-0033	EA	20' To 25' Flagpole, Direct Embedded Pole Base	539.66	
10 75 16 00-0034	EA	30' To 40' Flagpole, Direct Embedded Pole Base	774.68	
10 75 16 00-0035	EA	45' To 55' Flagpole, Direct Embedded Pole Base	864.69	
10 75 16 00-0036	EA	60' To 70' Flagpole, Direct Embedded Pole Base	974.15	

10 75 16 00-0037 Flagpole Accessories *(10 75 16)*

10 75 16 00-0038 Flagpole Tops *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0039	EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole	98.15	41.45
10 75 16 00-0040	EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole	105.75	43.89
10 75 16 00-0041	EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole	115.53	46.32
10 75 16 00-0042	EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole	138.93	48.77
10 75 16 00-0043	EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole	169.96	51.20
10 75 16 00-0044	EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole	186.28	53.64
10 75 16 00-0045	EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	174.84	53.64
10 75 16 00-0046	EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	202.00	60.95

10 75 16 00-0047 Flagpole Accessories *(10 75 16 00-0037)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0048	LF	5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	0.84	0.07
10 75 16 00-0049	LF	5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles	0.43	0.07
10 75 16 00-0050	LF	5/16" Diameter, Nylon Halyard (Rope) For Flagpoles	0.34	0.07
10 75 16 00-0051	LF	3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.11	0.07
10 75 16 00-0052	EA	Refinish Existing Flagpole Ball	320.61	121.87
10 75 16 00-0053	EA	Locking Aluminum Cleat Box For Flagpoles	213.86	73.13
10 75 16 00-0054	EA	Aluminum Cleat For Flagpoles	16.67	4.87
10 75 16 00-0055	LF	1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles	0.66	0.09

10 75 23 Wall-Mounted Flagpoles *(10 75)*

10 75 23 00-0001 Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles *(10 75 23)*

Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.

10 75 23 00-0002	EA	14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	1,482.14	585.79
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0003	EA	17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	1,615.64	644.38
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0004	EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	1,754.60	702.95
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0005	EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	2,037.95	820.11
		For Rope Lock Box, Add	*96.00*	

10 75 23 00-0006 Outrigger, Wall Mounted Tapered Aluminum Flagpoles *(10 75 23)*

Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.

10 75 23 00-0007	EA	10' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	1,730.02	527.21
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0008	EA	15' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	1,879.87	585.79
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0009	EA	20' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,135.98	702.95
		For Rope Lock Box, Add	*96.00*	

10 80 Other Specialties *(10)*

10 81 Pest Control Devices *(10 80)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 81 13 Bird Control Devices *(10 81)*

10 81 13 00-0001 Stainless Steel Spiked Bird Barrier *(10 81 13)*

Note: Stainless steel spikes with flexible polycarbonate base.

10 81 13 00-0002	LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	6.48	0.78
10 81 13 00-0003	LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	7.82	0.78
10 81 13 00-0004	LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	11.40	0.78

10 81 13 00-0005 Polycarbonate Spiked Bird Barrier *(10 81 13)*

Note: Polycarbonate spikes and base.

10 81 13 00-0006	LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System	6.01	0.78
10 81 13 00-0007	LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System	7.28	0.78
10 81 13 00-0008	LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System	8.70	0.78

10 81 16 Insect Control Devices *(10 81)*

10 81 16 00-0001 Insect Screening *(10 81 16)*

10 81 16 00-0002	CSF	17/14 Mesh Insect Screening With Flat Screen Splines	83.59	

10 86 Security Mirrors And Domes *(10 80)*

10 86 00 00-0001 Dome Mirrors *(10 86)*

Note: Includes all mounting hardware. Indoor or outdoor applications.

10 86 00 00-0002 Steel Dome Mirrors *(10 86 00 00-0001)*

10 86 00 00-0003	EA	9" Diameter Full-Dome Steel Dome Mirror	190.23	19.51
10 86 00 00-0004	EA	12" Diameter Full-Dome Steel Dome Mirror	222.43	20.48
10 86 00 00-0005	EA	18" Diameter Full-Dome Steel Dome Mirror	256.58	22.43
10 86 00 00-0006	EA	24" Diameter Full-Dome Steel Dome Mirror	339.39	24.38
10 86 00 00-0007	EA	9" Diameter Half-Dome Steel Dome Mirror	136.56	14.63
10 86 00 00-0008	EA	12" Diameter Half-Dome Steel Dome Mirror	156.92	15.61
10 86 00 00-0009	EA	18" Diameter Half-Dome Steel Dome Mirror	182.74	17.06
10 86 00 00-0010	EA	24" Diameter Half-Dome Steel Dome Mirror	251.40	18.53

10 86 00 00-0011 Plexiglas Dome Mirrors *(10 86 00 00-0001)*

10 86 00 00-0012	EA	18" Diameter Full-Dome Plexiglas Dome Mirror	152.03	22.43
10 86 00 00-0013	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	210.51	24.38
10 86 00 00-0014	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	276.17	28.28
10 86 00 00-0015	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	333.90	34.14
10 86 00 00-0016	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	486.76	48.77
10 86 00 00-0017	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	95.02	17.06
10 86 00 00-0018	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	125.56	18.53
10 86 00 00-0019	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	163.76	21.46
10 86 00 00-0020	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	201.60	25.84
10 86 00 00-0021	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	317.74	36.57
10 86 00 00-0022	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	63.45	14.63
10 86 00 00-0023	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	79.92	16.09
10 86 00 00-0024	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	103.29	18.04
10 86 00 00-0025	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	128.12	21.46
10 86 00 00-0026	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	209.55	30.48

10 86 00 00-0027 Coated Plexiglas Dome Mirrors *(10 86 00 00-0001)*

10 86 00 00-0028	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	178.99	22.43
10 86 00 00-0029	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	271.01	24.38
10 86 00 00-0030	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	454.88	34.14
10 86 00 00-0031	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	698.48	48.77
10 86 00 00-0032	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	117.64	17.06
10 86 00 00-0033	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	171.19	18.53
10 86 00 00-0034	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	268.67	25.84
10 86 00 00-0035	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	441.35	36.57
10 86 00 00-0036	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	86.73	14.63
10 86 00 00-0037	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	119.11	16.09
10 86 00 00-0038	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	152.73	18.04
10 86 00 00-0039	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	195.45	21.46
10 86 00 00-0040	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	304.23	30.48

10 86 00 00-0041 Circular Convex Security Mirrors *(10 86)*

Note: Includes all mounting hardware.

10 86 00 00-0042 Plexiglas Circular Convex Mirrors *(10 86 00 00-0041)*

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10 86 00 00-0043	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	68.03	15.61
10 86 00 00-0044	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	86.61	17.06
10 86 00 00-0045	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	127.01	18.53
10 86 00 00-0046	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	157.71	21.46
10 86 00 00-0047	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	208.17	25.84
10 86 00 00-0048	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	362.45	36.57
10 86 00 00-0049	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	108.83	17.06
10 86 00 00-0050	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	153.31	18.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0051	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	218.69	25.84
10 86 00 00-0052	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	394.01	36.57

10 86 00 00-0053 Coated Plexiglas Circular Convex Mirrors *(10 86 00 00-0041)*

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10 86 00 00-0054	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	129.35	17.06
10 86 00 00-0055	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	198.80	18.53
10 86 00 00-0056	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	265.15	21.46
10 86 00 00-0057	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	330.47	25.84
10 86 00 00-0058	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	479.49	36.57
10 86 00 00-0059	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	153.41	17.06
10 86 00 00-0060	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	233.00	18.53
10 86 00 00-0061	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	321.69	21.46
10 86 00 00-0062	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	364.66	25.84
10 86 00 00-0063	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	575.48	36.57

END OF SECTION 10

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 Equipment

11 01 Operation And Maintenance Of Equipment *(11)*

11 01 10 Operation And Maintenance Of Vehicle And Pedestrian Equipment *(11 01)*

11 01 10 13 Operation And Maintenance Of Parking Equipment *(11 01 10)*

11 01 10 13-0001 Replacement Parking Equipment *(11 01 10 13)*

11 01 10 13-0002	EA	10' Wood Arm Replacement With Bolts	355.93	
11 01 10 13-0003	EA	12' Wood Arm Replacement With Bolts	372.95	
11 01 10 13-0004	EA	14' Wood Arm Replacement With Bolts	392.30	
11 01 10 13-0005	EA	12' Aluminum Arm Replacement With Bolts	518.21	
11 01 10 13-0006	EA	14' Aluminum Arm Replacement With Bolts	536.41	
11 01 10 13-0007	EA	16' Aluminum Arm Replacement With Bolts	757.96	
11 01 10 13-0008	EA	18' Aluminum Arm Replacement With Bolts	769.72	
11 01 10 13-0009	EA	20' Aluminum Arm Replacement With Bolts	791.52	
11 01 10 13-0010	EA	22' Aluminum Arm Replacement With Bolts	909.39	
11 01 10 13-0011	EA	24' Aluminum Arm Replacement With Bolts	925.01	

11 10 Vehicle And Pedestrian Equipment *(11)*

11 12 Parking Control Equipment *(11 10)*

11 12 16 Parking Ticket Dispensers *(11 12)*

11 12 16 00-0001 Parking Ticket Dispensers *(11 12 16)*

11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Printer	6,832.40	179.80
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	9,126.99	179.80

11 12 23 Parking Meters *(11 12)*

11 12 23 00-0001 Parking Meters *(11 12 23)*

11 12 23 00-0002	EA	Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	166.25	

11 12 26 Parking Fee Collection Equipment *(11 12)*

11 12 26 13 Parking Fee Coin Collection Equipment *(11 12 26)*

11 12 26 13-0001 Parking Fee Collection Equipment *(11 12 26 13)*

11 12 26 13-0002	EA	Multiple Station Slot Box For Parking Fee Collection	1,644.47	60.94

11 12 33 Parking Gates *(11 12)*

11 12 33 13 Lift Arm Parking Gates *(11 12 33)*

11 12 33 13-0001 Barrier Parking Gate Operators *(11 12 33 13)*

11 12 33 13-0002 Barrier Parking Gate Operators *(11 12 33 13-0001)*

Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.

11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	3,588.00	249.38
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	3,575.45	249.38
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	3,734.33	249.38
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	5,305.09	249.38
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	5,204.33	249.38
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	5,455.19	249.38

11 12 33 13-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes *(11 12 33 13-0001)*

Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.

11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	10,917.17	498.76
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	12,772.99	498.76
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	11,011.24	498.76
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	12,867.07	498.76

11 12 33 13-0014 Barrier Parking Gate Operator Accessories *(11 12 33 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	139.94	17.70
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	127.39	17.70
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	286.28	17.70
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	427.39	17.70
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	390.80	17.70
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	390.80	17.70
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	474.43	17.70
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	447.64	106.23
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	447.64	106.23
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	456.39	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,086.03	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD) Note: Includes mounting plate and hardware. Excludes concrete foundation.	638.43	17.70

11 12 36 Tire Shredders *(11 12)*

11 12 36 00-0001 Tire Shredding Traffic Control Spikes *(11 12 36)*

11 12 36 00-0002 Flush Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	1,694.39	283.27

11 12 36 00-0004 Surface Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	2,963.88	141.64
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	2,127.66	141.64

11 12 36 00-0007 Warning Signs And Signals For Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*

11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615) Note: Includes light and mounting post.	1,329.20	53.11
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603) Note: Includes mounting post and hardware.	1,092.84	70.82

11 13 Loading Dock Equipment *(11 10)*

11 13 13 Loading Dock Bumpers *(11 13)*

11 13 13 00-0001 Laminated Rubber Dock Bumpers *(11 13 13)*

11 13 13 00-0002 4-1/2" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*

11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	105.89	19.50
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	131.35	19.50
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	167.26	19.50
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	116.74	19.50
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	125.73	19.50
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	141.81	19.50
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	167.26	19.50
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	224.71	19.50
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	131.10	19.50
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	141.81	19.50
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	172.37	19.50
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	194.03	19.50
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	264.39	19.50
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	159.71	19.50
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	184.91	19.50
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	238.59	19.50

11 13 13 00-0019 6" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*

11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	146.66	19.50
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	155.54	19.50
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	176.97	19.50
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	209.59	19.50
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	281.77	19.50
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	166.38	19.50
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	173.68	19.50
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	202.65	19.50
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	245.86	19.50
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	366.86	19.50
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	209.71	19.50
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	238.68	19.50
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	242.54	19.50

11 13 13 00-0033 Extruded Rubber Dock Bumpers *(11 13 13)*

11 13 13 00-0034 1-3/4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*

11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	59.56	19.50
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	63.14	19.50
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	67.91	19.50
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	72.68	19.50

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0039		4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	78.27	19.50
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	93.32	19.50
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	97.65	19.50
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	107.52	19.50
11 13 13 00-0044		6" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper	93.91	19.50
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper	114.19	19.50
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper	130.89	19.50
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper	162.76	19.50
11 13 13 00-0049		Molded Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0050		Rectangular Molded Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	81.80	19.50
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	72.59	19.50
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	93.61	19.50
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	114.82	19.50
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	119.82	19.50
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	91.20	19.50
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	115.66	19.50
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	166.00	19.50
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	98.52	19.50
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	143.24	19.50
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	142.80	19.50
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	212.79	19.50
11 13 13 00-0063		T And L Shaped Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	135.91	19.50
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	126.74	19.50
11 13 16		**Loading Dock Seals And Shelters** *(11 13)*		
11 13 16 13		**Loading Dock Seals** *(11 13 16)*		
11 13 16 13-0001		Vinyl Loading Dock Seals *(11 13 16 13)*		
11 13 16 13-0002		Standard Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0003	LF	10" Projection, Standard, Vinyl Loading Dock Seal	75.89	19.50
11 13 16 13-0004	LF	11" Projection, Standard, Vinyl Loading Dock Seal	76.81	19.50
11 13 16 13-0005	LF	12" Projection, Standard, Vinyl Loading Dock Seal	77.72	19.50
11 13 16 13-0006	LF	13" Projection, Standard, Vinyl Loading Dock Seal	79.55	19.50
11 13 16 13-0007	LF	14" Projection, Standard, Vinyl Loading Dock Seal	81.37	19.50
11 13 16 13-0008	LF	15" Projection, Standard, Vinyl Loading Dock Seal	83.22	19.50
11 13 16 13-0009	LF	16" Projection, Standard, Vinyl Loading Dock Seal	85.08	19.50
11 13 16 13-0010	LF	17" Projection, Standard, Vinyl Loading Dock Seal	86.98	19.50
11 13 16 13-0011	LF	18" Projection, Standard, Vinyl Loading Dock Seal	88.88	19.50
11 13 16 13-0012	LF	19" Projection, Standard, Vinyl Loading Dock Seal	90.70	19.50
11 13 16 13-0013	LF	20" Projection, Standard, Vinyl Loading Dock Seal	92.53	19.50
11 13 16 13-0014	LF	22" Projection, Standard, Vinyl Loading Dock Seal	96.23	19.50
11 13 16 13-0015		8" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0016	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	86.75	19.50
11 13 16 13-0017	LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	87.66	19.50
11 13 16 13-0018	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	88.57	19.50
11 13 16 13-0019	LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	90.43	19.50
11 13 16 13-0020	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	92.28	19.50
11 13 16 13-0021	LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	94.10	19.50
11 13 16 13-0022	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	95.93	19.50
11 13 16 13-0023	LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	97.78	19.50
11 13 16 13-0024	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	99.63	19.50
11 13 16 13-0025	LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	101.46	19.50
11 13 16 13-0026	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	103.33	19.50
11 13 16 13-0027	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	106.99	19.50
11 13 16 13-0028		4" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0029	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	92.53	19.50
11 13 16 13-0030	LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	93.47	19.50
11 13 16 13-0031	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	94.41	19.50
11 13 16 13-0032	LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	96.23	19.50
11 13 16 13-0033	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	98.06	19.50
11 13 16 13-0034	LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	99.91	19.50
11 13 16 13-0035	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	101.76	19.50
11 13 16 13-0036	LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	103.59	19.50
11 13 16 13-0037	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	105.41	19.50
11 13 16 13-0038	LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	107.26	19.50
11 13 16 13-0039	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	109.12	19.50
11 13 16 13-0040	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	112.87	19.50

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 13-0041		Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13)*		
11 13 16 13-0042		Standard, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0043	LF	10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	71.05	19.50
11 13 16 13-0044	LF	12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	72.49	19.50
11 13 16 13-0045	LF	14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	75.66	19.50
11 13 16 13-0046	LF	16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	78.79	19.50
11 13 16 13-0047	LF	18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	82.01	19.50
11 13 16 13-0048	LF	20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	85.14	19.50
11 13 16 13-0049	LF	22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	88.31	19.50
11 13 16 13-0050		8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0051	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	81.32	19.50
11 13 16 13-0052	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	82.80	19.50
11 13 16 13-0053	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	85.97	19.50
11 13 16 13-0054	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	89.15	19.50
11 13 16 13-0055	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	92.28	19.50
11 13 16 13-0056	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	95.45	19.50
11 13 16 13-0057	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	98.58	19.50
11 13 16 13-0058		4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0059	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	86.89	19.50
11 13 16 13-0060	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	88.32	19.50
11 13 16 13-0061	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	91.54	19.50
11 13 16 13-0062	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	94.67	19.50
11 13 16 13-0063	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	97.84	19.50
11 13 16 13-0064	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	100.97	19.50
11 13 16 13-0065	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	104.19	19.50
11 13 16 23		**Loading Dock Shelters** *(11 13 16)*		
11 13 16 23-0001		Retractable Vinyl Loading Dock Shelter *(11 13 16 23)*		
11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms	117.04	24.37
11 13 16 23-0003		Rigid Loading Dock Shelters *(11 13 16 23)*		
11 13 16 23-0004	LF	18" Projection, Rigid Loading Dock Shelter	89.48	23.40
11 13 16 23-0005	LF	24" Projection, Rigid Loading Dock Shelter	92.85	23.40
11 13 16 23-0006	LF	30" Projection, Rigid Loading Dock Shelter	96.47	24.37
11 13 16 23-0007	LF	36" Projection, Rigid Loading Dock Shelter	98.79	24.37
11 13 19		**Stationary Loading Dock Equipment** *(11 13)*		
		Note: Includes all anchor bolts and fasteners.		
11 13 19 13		**Loading Dock Levelers** *(11 13 19)*		
11 13 19 13-0001		Hydraulic Dock Levelers *(11 13 19 13)*		
11 13 19 13-0002		20,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0003	EA	6' x 6', 20,000 LB Hydraulic Dock Leveler	5,539.13	801.14
11 13 19 13-0004	EA	6' x 8', 20,000 LB Hydraulic Dock Leveler	5,935.34	890.16
11 13 19 13-0005	EA	6' x 10', 20,000 LB Hydraulic Dock Leveler	7,227.57	1,068.19
11 13 19 13-0006	EA	7' x 6', 20,000 LB Hydraulic Dock Leveler	5,893.11	890.16
11 13 19 13-0007	EA	7' x 8', 20,000 LB Hydraulic Dock Leveler	6,392.94	979.17
11 13 19 13-0008	EA	7' x 10', 20,000 LB Hydraulic Dock Leveler	7,659.97	1,068.19
11 13 19 13-0009		25,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0010	EA	6' x 6', 25,000 LB Hydraulic Dock Leveler	5,643.22	801.14
11 13 19 13-0011	EA	6' x 8', 25,000 LB Hydraulic Dock Leveler	6,041.37	890.16
11 13 19 13-0012	EA	6' x 10', 25,000 LB Hydraulic Dock Leveler	7,326.88	1,068.19
11 13 19 13-0013	EA	7' x 6', 25,000 LB Hydraulic Dock Leveler	5,993.31	890.16
11 13 19 13-0014	EA	7' x 8', 25,000 LB Hydraulic Dock Leveler	6,484.75	979.17
11 13 19 13-0015	EA	7' x 10', 25,000 LB Hydraulic Dock Leveler	7,855.11	1,068.19
11 13 19 13-0016		30,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0017	EA	6' x 6', 30,000 LB Hydraulic Dock Leveler	5,926.25	934.67
11 13 19 13-0018	EA	6' x 8', 30,000 LB Hydraulic Dock Leveler	6,309.28	1,068.19
11 13 19 13-0019	EA	6' x 10', 30,000 LB Hydraulic Dock Leveler	7,663.32	1,246.22
11 13 19 13-0020	EA	7' x 6', 30,000 LB Hydraulic Dock Leveler	6,309.28	1,068.19
11 13 19 13-0021	EA	7' x 8', 30,000 LB Hydraulic Dock Leveler	6,772.54	1,201.71
11 13 19 13-0022	EA	7' x 10', 30,000 LB Hydraulic Dock Leveler	8,126.58	1,201.71
11 13 19 13-0023		35,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0024	EA	6' x 6', 35,000 LB Hydraulic Dock Leveler	6,130.13	890.16
11 13 19 13-0025	EA	6' x 8', 35,000 LB Hydraulic Dock Leveler	6,514.47	979.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0026	EA	6' x 10', 35,000 LB Hydraulic Dock Leveler	8,145.42	1,157.21
11 13 19 13-0027	EA	7' x 6', 35,000 LB Hydraulic Dock Leveler	6,514.47	979.17
11 13 19 13-0028	EA	7' x 8', 35,000 LB Hydraulic Dock Leveler	7,079.66	1,068.19
11 13 19 13-0029	EA	7' x 10', 35,000 LB Hydraulic Dock Leveler	8,472.88	1,246.22
11 13 19 13-0030		40,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0031	EA	6' x 6', 40,000 LB Hydraulic Dock Leveler	6,454.57	890.16
11 13 19 13-0032	EA	6' x 8', 40,000 LB Hydraulic Dock Leveler	6,838.27	979.17
11 13 19 13-0033	EA	6' x 10', 40,000 LB Hydraulic Dock Leveler	8,219.72	1,157.21
11 13 19 13-0034	EA	7' x 6', 40,000 LB Hydraulic Dock Leveler	6,838.27	979.17
11 13 19 13-0035	EA	7' x 8', 40,000 LB Hydraulic Dock Leveler	7,404.25	1,068.19
11 13 19 13-0036	EA	7' x 10', 40,000 LB Hydraulic Dock Leveler	8,797.18	1,246.22
11 13 19 13-0037		45,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*		
11 13 19 13-0038	EA	6' x 6', 45,000 LB Hydraulic Dock Leveler	6,752.09	979.17
11 13 19 13-0039	EA	6' x 8', 45,000 LB Hydraulic Dock Leveler	7,144.00	1,068.19
11 13 19 13-0040	EA	6' x 10', 45,000 LB Hydraulic Dock Leveler	8,515.86	1,246.22
11 13 19 13-0041	EA	7' x 6', 45,000 LB Hydraulic Dock Leveler	7,145.34	1,068.19
11 13 19 13-0042	EA	7' x 8', 45,000 LB Hydraulic Dock Leveler	7,705.18	1,157.21
11 13 19 13-0043	EA	7' x 10', 45,000 LB Hydraulic Dock Leveler	9,085.93	1,335.24
11 13 19 13-0044		Manual Dock Levelers *(11 13 19 13)*		
11 13 19 13-0045		20,000 LB Manual Dock Levelers *(11 13 19 13-0044)*		
11 13 19 13-0046	EA	6' x 6', 20,000 LB Manual Dock Leveler	4,484.02	801.14
11 13 19 13-0047	EA	6' x 8', 20,000 LB Manual Dock Leveler	4,886.89	890.16
11 13 19 13-0048	EA	6' x 10', 20,000 LB Manual Dock Leveler	6,172.45	1,068.19
11 13 19 13-0049	EA	7' x 6', 20,000 LB Manual Dock Leveler	4,838.95	890.16
11 13 19 13-0050	EA	7' x 8', 20,000 LB Manual Dock Leveler	5,337.82	979.17
11 13 19 13-0051	EA	7' x 10', 20,000 LB Manual Dock Leveler	6,712.46	1,068.19
11 13 19 13-0052		40,000 LB Manual Dock Levelers *(11 13 19 13-0044)*		
11 13 19 13-0053	EA	6' x 6', 40,000 LB Manual Dock Leveler	5,492.77	890.16
11 13 19 13-0054	EA	6' x 8', 40,000 LB Manual Dock Leveler	5,876.48	979.17
11 13 19 13-0055	EA	6' x 10', 40,000 LB Manual Dock Leveler	6,440.88	1,157.21
11 13 19 13-0056	EA	7' x 6', 40,000 LB Manual Dock Leveler	5,876.48	979.17
11 13 19 13-0057	EA	7' x 8', 40,000 LB Manual Dock Leveler	6,660.53	1,068.19
11 13 19 13-0058	EA	7' x 10', 40,000 LB Manual Dock Leveler	7,835.39	1,246.22
11 13 19 13-0059		Edge-Of-Dock Levelers *(11 13 19 13)*		
		Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060		Hydraulic Edge-Of-Dock Levelers *(11 13 19 13-0059)*		
11 13 19 13-0061	EA	66" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Hydraulic	3,047.75	267.05
11 13 19 13-0062	EA	72" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Hydraulic	3,290.24	267.05
11 13 19 13-0063	EA	66" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Hydraulic	3,255.15	267.05
11 13 19 13-0064	EA	72" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Hydraulic	3,588.05	267.05
11 13 19 13-0065		Manual Edge-Of-Dock Levelers *(11 13 19 13-0059)*		
11 13 19 13-0066	EA	66" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Manual	1,502.01	267.05
11 13 19 13-0067	EA	72" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Manual	1,648.09	267.05
11 13 19 13-0068	EA	66" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Manual	1,692.77	267.05
11 13 19 13-0069	EA	72" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Manual	1,802.32	267.05
11 13 19 23		**Stationary Loading Dock Lifts** *(11 13 19)*		
11 13 19 23-0001		Top Of Ground, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0002	EA	6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift	12,590.36	196.44
11 13 19 23-0003		Pit Mounted, Fixed Platform Lifts *(11 13 19 23)*		
11 13 19 23-0004	EA	6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted	8,499.10	196.44
11 13 19 23-0005	EA	6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted	15,622.65	294.66
11 13 19 23-0006	EA	7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted	27,571.39	589.32
11 13 19 23-0007	EA	8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted	28,854.67	785.76
11 13 19 26		**Loading Dock Truck Lifts** *(11 13 19)*		
11 13 19 26-0001		Hydraulic Truck Lifts *(11 13 19 26)*		
11 13 19 26-0002	EA	10' x 15', 60,000 LB Platform Truck Lift	25,809.18	1,379.34
11 13 19 26-0003	EA	10' x 20', 60,000 LB Platform Truck Lift	29,525.78	1,655.21
11 13 19 33		**Loading Dock Truck Restraints** *(11 13 19)*		
11 13 19 33-0001		Truck Restraint System *(11 13 19 33)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 33-0002	EA	Truck Restraint System (Poweramp Powerstop AAL) Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	6,091.73	333.81
11 13 19 33-0003	EA	Rotating Hook Truck Restraint System (Kelley Star 4) Note: Includes push button controls, warning lights, alarms, 32,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	5,928.24	333.81

11 13 23 Portable Dock Equipment *(11 13)*

11 13 23 23 Portable Dock Platforms *(11 13 23)*

11 13 23 23-0001	EA	6' x 6', 5,000 LB Capacity Portable Platform Lift	9,206.29	88.52

11 13 26 Loading Dock Lights *(11 13)*

11 13 26 00-0001 Communication Lights *(11 13 26)*

11 13 26 00-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC Note: Excludes control console.	261.34	74.91
11 13 26 00-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	317.53	74.91
11 13 26 00-0004	EA	Dock Guide Light For Truck Backing	151.27	59.93

11 13 26 00-0005 Communication Lights Controls *(11 13 26)*

11 13 26 00-0006	EA	Dock Communication Lights Control Console For Up To Two Docks	296.12	99.89

11 13 26 00-0007 Loading Dock Lights *(11 13 26)*

11 13 26 00-0008 Incandescent Loading Dock Lights *(11 13 26 00-0007)*

11 13 26 00-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent	365.67	99.89
11 13 26 00-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent	327.67	99.89
11 13 26 00-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent	423.54	99.89

11 13 26 00-0012 Metal Halide Loading Dock Lights *(11 13 26 00-0007)*

11 13 26 00-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide	497.02	99.89
11 13 26 00-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide	542.06	99.89
11 13 26 00-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide	578.08	99.89

11 13 26 00-0016 Quartz Halogen Loading Dock Lights *(11 13 26 00-0007)*

11 13 26 00-0017	EA	24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	322.60	99.89
11 13 26 00-0018	EA	40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	351.10	99.89
11 13 26 00-0019	EA	60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	375.42	99.89

11 14 Pedestrian Control Equipment *(11 10)*

11 14 13 Pedestrian Gates *(11 14)*

11 14 13 16 Rotary Gates *(11 14 13)*

11 14 13 16-0001 Access Control Indoor Or Outdoor Impenetrability *(11 14 13 16)*

11 14 13 16-0002 Mechanical *(11 14 13 16-0001)*

11 14 13 16-0003 Galvanized Steel *(11 14 13 16-0002)*

11 14 13 16-0004	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	7,857.36	1,233.21
11 14 13 16-0005	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	8,788.96	1,233.21
11 14 13 16-0006	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	17,188.24	1,839.90
11 14 13 16-0007	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	16,674.49	1,839.90

11 14 13 16-0008 Powder Coated Steel *(11 14 13 16-0002)*

11 14 13 16-0009	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	8,800.95	1,233.21
11 14 13 16-0010	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	9,696.59	1,233.21
11 14 13 16-0011	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	20,118.33	1,839.90
11 14 13 16-0012	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	18,222.59	1,839.90

11 14 13 16-0013 Anodized Aluminum *(11 14 13 16-0002)*

11 14 13 16-0014	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	9,210.23	1,233.21
11 14 13 16-0015	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	15,479.70	1,233.21
11 14 13 16-0016	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	18,147.24	1,839.90
11 14 13 16-0017	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	29,956.64	1,839.90

11 14 13 16-0018 Stainless Steel *(11 14 13 16-0002)*

11 14 13 16-0019	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	14,167.92	1,233.21
11 14 13 16-0020	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	15,822.20	1,233.21
11 14 13 16-0021	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	22,668.24	1,839.90
11 14 13 16-0022	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	28,045.49	1,839.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0023		Transparent *(11 14 13 16-0002)*		
11 14 13 16-0024	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent	27,467.20	1,233.40
11 14 13 16-0025		Mechanical Options *(11 14 13 16-0001)*		
11 14 13 16-0026	EA	Out-of-Use Lock Option, Add	145.56	
11 14 13 16-0027	EA	Heel Protector (Each Heel Protector), Add	102.75	
11 14 13 16-0028		Electrical, One-Way *(11 14 13 16-0001)*		
11 14 13 16-0029		Galvanized Steel *(11 14 13 16-0028)*		
11 14 13 16-0030	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	8,270.07	1,233.21
11 14 13 16-0031	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	9,203.39	1,233.21
11 14 13 16-0032	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	18,729.49	1,839.90
11 14 13 16-0033	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	17,340.65	1,839.90
11 14 13 16-0034	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	18,729.49	1,839.90
11 14 13 16-0035		Powder Coated Steel *(11 14 13 16-0028)*		
11 14 13 16-0036	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	9,211.95	1,233.21
11 14 13 16-0037	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	10,254.86	1,233.21
11 14 13 16-0038	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	24,738.65	1,839.90
11 14 13 16-0039	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	18,897.32	1,839.90
11 14 13 16-0040	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	20,289.58	1,839.90
11 14 13 16-0041		Anodized Aluminum *(11 14 13 16-0028)*		
11 14 13 16-0042	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	9,383.20	1,233.21
11 14 13 16-0043	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	9,914.07	1,233.21
11 14 13 16-0044	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	15,993.45	1,233.21
11 14 13 16-0045	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	19,090.83	1,839.90
11 14 13 16-0046	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	21,126.99	1,839.90
11 14 13 16-0047	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	30,845.43	1,839.90
11 14 13 16-0048		Stainless Steel *(11 14 13 16-0028)*		
11 14 13 16-0049	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	15,032.73	1,233.21
11 14 13 16-0050	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	16,043.11	1,233.21
11 14 13 16-0051	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	25,880.89	1,839.90
11 14 13 16-0052	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	29,365.83	1,839.90
11 14 13 16-0053	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	32,275.36	1,839.90
11 14 13 16-0054		Transparent *(11 14 13 16-0028)*		
11 14 13 16-0055	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	25,109.09	1,233.40
11 14 13 16-0056	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	26,540.73	1,233.40
11 14 13 16-0057	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	27,165.80	1,233.40
11 14 13 16-0058	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	44,588.24	1,839.90
11 14 13 16-0059	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	47,345.36	1,839.90
11 14 13 16-0060		Electrical, Two-Way *(11 14 13 16-0001)*		
11 14 13 16-0061		Galvanized Steel *(11 14 13 16-0060)*		
11 14 13 16-0062	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	8,866.02	1,233.21
11 14 13 16-0063	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	9,826.73	1,233.21
11 14 13 16-0064	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	22,003.79	1,839.90
11 14 13 16-0065	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	18,404.12	1,839.90
11 14 13 16-0066		Powder Coated Steel *(11 14 13 16-0060)*		
11 14 13 16-0067	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	9,734.26	1,233.21
11 14 13 16-0068	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	10,837.11	1,233.21
11 14 13 16-0069	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	25,255.83	1,839.90
11 14 13 16-0070	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	19,969.34	1,839.90
11 14 13 16-0071		Anodized Aluminum *(11 14 13 16-0060)*		
11 14 13 16-0072	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	9,970.59	1,233.21
11 14 13 16-0073	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	10,477.49	1,233.21
11 14 13 16-0074	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	16,676.73	1,233.21
11 14 13 16-0075	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	20,287.86	1,839.90
11 14 13 16-0076	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	31,956.84	1,839.90
11 14 13 16-0077		Stainless Steel *(11 14 13 16-0060)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0078	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	15,611.56	1,233.21
11 14 13 16-0079	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	16,639.06	1,233.21
11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	26,305.59	1,839.90
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	30,222.08	1,839.90
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	33,456.99	1,839.90
11 14 13 16-0083		Transparent *(11 14 13 16-0060)*		
11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	25,605.71	1,233.40
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	26,951.73	1,233.40
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	27,724.07	1,233.40
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	45,632.86	1,839.90
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	48,201.62	1,839.90
11 14 13 16-0089		Electrical Options *(11 14 13 16-0001)*		
11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	570.26	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	400.72	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction	131.86	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction	131.86	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction	104.46	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	102.75	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader	94.19	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add	2,392.36	
11 14 13 16-0098		Relocate Rotary Gate *(11 14 13 16-0001)*		
11 14 13 16-0099	EA	Relocate Rotary Gate	3,622.54	
11 14 13 19		**Turnstiles** *(11 14 13)*		
11 14 13 19-0001		Turnstiles *(11 14 13 19)*		
11 14 13 19-0002	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	1,787.85	368.33
11 14 13 19-0003	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	2,270.04	368.33
11 14 16		**Pedestrian Control Devices** *(11 14)*		
11 14 16 00-0001		Retractable Barrier *(11 14 16)*		
11 14 16 00-0002	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WG269387BK)	63.83	15.93
11 14 16 00-0003	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791)	109.27	15.93
11 14 16 00-0004	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770)	131.99	15.93
11 14 16 00-0005	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771)	211.52	15.93

11 20 Commercial Equipment *(11)*

11 21 Retail and Service Equipment *(11 20)*

11 21 63 Refrigerated Display Equipment *(11 21)*

11 21 63 00-0001		Dairy Products *(11 21 63)*		
11 21 63 00-0002		Refrigerated Dairy Case *(11 21 63 00-0001)*		
11 21 63 00-0003	LF	Refrigerated Case, Dairy, Multi-Deck	1,448.51	291.97
		For Rear Sliding Doors, Add	*19.95*	
11 21 63 00-0004		Refrigerated Milk Unit *(11 21 63 00-0001)*		
11 21 63 00-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit	6,650.17	212.51
11 21 63 00-0006		Refrigerated Ice Cream And Milk Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	7,372.85	233.37
11 21 63 00-0008		Ice Cream Dispenser *(11 21 63 00-0001)*		
11 21 63 00-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	6,158.22	196.50
11 21 63 00-0010		Drop-In Ice Cream Freezer *(11 21 63 00-0001)*		
11 21 63 00-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	1,535.75	48.91
11 21 63 00-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	2,006.83	63.95
11 21 63 00-0013		Ice Cream Cabinets *(11 21 63 00-0001)*		
11 21 63 00-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet	4,809.90	152.83
11 21 63 00-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet	6,852.49	220.56
11 21 63 00-0016		Delicatessen Case, Service Deli *(11 21 63)*		
11 21 63 00-0017	LF	Delicatessen Case, Single-Deck	1,420.57	243.31
11 21 63 00-0018	LF	Delicatessen Case, Multi-Deck	1,600.05	291.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 21 63 00-0019	EA	Delicatessen Case, 3 Shelf, 32" x 23" x 23"	1,780.55	68.73
11 21 63 00-0020		**Meat Case** *(11 21 63)*		
11 21 63 00-0021	LF	Meat Case, Single - Deck	1,075.81	291.97
11 21 63 00-0022	LF	Meat Case, Multi - Deck	1,164.27	291.97
11 21 63 00-0023		**Produce Case** *(11 21 63)*		
11 21 63 00-0024	LF	Produce Case, Single - Deck	1,117.83	291.97
11 21 63 00-0025	LF	Produce Case, Multi - Deck	1,231.31	291.97
11 21 63 00-0026		**Bottle Coolers** *(11 21 63)*		
11 21 63 00-0027	EA	Bottle Cooler, 6' Long	4,124.24	973.23
11 21 63 00-0028	EA	Bottle Cooler, 10' Long	6,260.74	1,459.85
11 21 63 00-0029		**Cold Pan Units** *(11 21 63)*		
11 21 63 00-0030	EA	5" x 48", Iced, Cold Pan Units	2,461.65	77.82
11 21 63 00-0031	EA	5" x 72", Iced, Cold Pan Units	3,420.21	108.87
11 21 63 00-0032	EA	8" x 72", Iced, Cold Pan Units	4,043.94	128.76
11 21 63 00-0033	EA	5" x 48", Mechanical, Cold Pan Units	4,157.46	133.04
11 21 63 00-0034	EA	8" x 48", Mechanical, Cold Pan Units	4,524.70	143.62
11 21 63 00-0035	EA	8" x 72", Mechanical, Cold Pan Units	5,376.12	169.72
11 21 63 00-0036		**Cold Cabinets (Insulated)** *(11 21 63)*		
11 21 63 00-0037	EA	69-3/4" x 32" x 24", Insulated Cold Cabinet	2,234.56	67.34

11 28 Office Equipment *(11 20)*

11 28 13 Computers *(11 28)*

11 28 13 00-0001 Accessories *(11 28 13)*

11 28 13 00-0002	EA	32" Wall Track, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KN-020)	692.48	49.87
11 28 13 00-0003	EA	32" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KU-020)	846.95	54.86
11 28 13 00-0004	EA	32" Wall Track, eDesk, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EN-020)	1,097.38	59.85
11 28 13 00-0005	EA	32" Wall Track, eDesk, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EU-020)	1,186.80	64.84
11 28 13 00-0006	EA	32" Wall Track, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KN-020)	879.64	54.86
11 28 13 00-0007	EA	32" Wall Track, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KU-020)	916.62	54.86
11 28 13 00-0008	EA	32" Wall Track, eDesk, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EN-020)	1,294.53	69.83
11 28 13 00-0009	EA	32" Wall Track, eDesk, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EU-020)	1,373.97	69.83
11 28 13 00-0010	EA	25" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (Ergotron 45-271-026)	736.23	54.86
11 28 13 00-0011	EA	37" To 61" Universal Tilt Flat Monitor Wall Mount (Premier Mounts CTM-MS2)	227.77	54.86
11 28 13 00-0012	EA	32" To 56" Universal Tilt Flat Monitor Wall Mount (Peerless ST650P)	172.53	54.86

11 30 Residential Equipment *(11)*

11 32 Unit Kitchens *(11 30)*

11 32 13 Metal Unit Kitchens *(11 32)*

Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.

11 32 13 00-0001 30" Compact Kitchen *(11 32 13)*

11 32 13 00-0002	EA	30" Compact Unit Kitchen With Refrigerator, Range And Sink	2,603.85	486.45
		For Gas Unit, Add	*293.29*	
11 32 13 00-0003	EA	30" Compact Unit Kitchen With Refrigerator And Sink	2,257.77	340.52
11 32 13 00-0004	EA	30" Compact Unit Kitchen With Refrigerator And Range	2,077.49	291.88
11 32 13 00-0005	EA	30" Compact Unit Kitchen Cabinet For Upper Wall Section	624.42	292.48
11 32 13 00-0006	EA	30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,329.09	194.99
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0007	EA	30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	80.04	14.16
11 32 13 00-0008	EA	30" Compact Unit Kitchen Stainless Steel Shield For Side Wall	70.85	14.16

11 32 13 00-0009 42" Compact Kitchen *(11 32 13)*

11 32 13 00-0010	EA	42" Compact Unit Kitchen With Refrigerator, Range And Sink	3,050.80	535.10
		For Gas Unit, Add	*350.60*	
11 32 13 00-0011	EA	42" Compact Unit Kitchen With Refrigerator And Sink	2,778.77	437.81
11 32 13 00-0012	EA	42" Compact Unit Kitchen Cabinet For Upper Wall Section	801.73	165.74
11 32 13 00-0013	EA	42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,545.20	219.37
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0014	EA	42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	98.03	14.16
11 32 13 00-0015	EA	42" Compact Unit Kitchen Stainless Steel Shield For Side Wall	79.93	14.16

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 32 13 00-0016		**54" Compact Kitchen** *(11 32 13)*		
11 32 13 00-0017	EA	54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	4,155.93	681.04
		For Gas Unit, Add	*487.18*	
11 32 13 00-0018	EA	54" Compact Unit Kitchen Cabinet For Upper Wall Section	998.53	97.49
11 32 13 00-0019	EA	54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section	1,718.43	243.73
		For Range Hood In Upper Section, Add	*179.00*	
11 32 13 00-0020	EA	54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	114.94	14.16
11 32 13 00-0021	EA	54" Compact Unit Kitchen Stainless Steel Shield For Side Wall	82.61	14.16
11 32 13 00-0022		**60" Compact Kitchen** *(11 32 13)*		
11 32 13 00-0023	EA	60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink	4,363.88	729.68
		For Gas Unit, Add	*508.65*	
11 32 13 00-0024	EA	60" Compact Unit Kitchen Cabinet For Upper Wall Section	1,179.02	243.73
11 32 13 00-0025	EA	60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	122.69	14.16
11 32 13 00-0026	EA	60" Compact Unit Kitchen Stainless Steel Shield For Side Wall	82.61	14.16
11 32 13 00-0027		**72" Compact Kitchen** *(11 32 13)*		
11 32 13 00-0028	EA	72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink	4,682.46	778.33
		For Gas Unit, Add	*546.70*	
11 32 13 00-0029	EA	72" Compact Unit Kitchen Cabinet For Upper Wall Section	1,442.48	292.48
11 32 13 00-0030	EA	72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	144.00	17.70
11 32 13 00-0031	EA	72" Compact Unit Kitchen Stainless Steel Shield For Side Wall	85.82	17.70

11 40 Foodservice Equipment *(11)*

11 41 Foodservice Storage Equipment *(11 40)*

11 41 13 Refrigerated Food Storage Cases *(11 41)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 13 00-0001		**Frozen Food Cases** *(11 41 13)*		
11 41 13 00-0002	LF	Chest Type Frozen Food Case	1,110.41	291.97
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door)	2,068.41	291.97
11 41 13 00-0004	LF	Island Type Frozen Food Case	1,277.07	291.97
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case	1,987.75	291.97
11 41 13 00-0006		**Reach-In Refrigeration** *(11 41 13)*		
11 41 13 00-0007		**Reach-In Refrigerators** *(11 41 13 00-0006)*		
11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	4,014.29	140.75
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	4,945.31	177.52
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator	6,600.66	196.12
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	3,465.46	140.75
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	4,506.42	177.52
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator	5,978.00	196.12
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	4,817.61	140.75
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	6,514.82	177.52
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator	4,684.87	140.75
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator	6,740.56	177.52
11 41 13 00-0018		**Reach-In Freezers** *(11 41 13 00-0006)*		
11 41 13 00-0019	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer	4,512.45	140.92
11 41 13 00-0020	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer	5,982.03	177.27

11 41 23 Walk-In-Coolers *(11 41)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0001		**Walk-In Refrigerated Boxes** *(11 41 23)*		
		Note: Overall heights include 4" floor panel and 4" ceiling panel. See CSI section 11 41 23 00-0171 for air cooled condensing units for coolers and freezers, 11 41 23 00-0282 for accessories, 21 13 16 00-0000 for dry-pipe sprinkler heads, 26 50 00 00-0000 for lighting.		
11 41 23 00-0002		**Walk-In Refrigerated Unit, 7'6" High With Floor** *(11 41 23 00-0001)*		
		Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.		
11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	7,709.15	1,178.65
		For Refrigerated Boxes Without Floor, Deduct	*-1,534.34*	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,185.25	1,325.98
		For Refrigerated Boxes Without Floor, Deduct	*-1,854.32*	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,749.91	1,473.31
		For Refrigerated Boxes Without Floor, Deduct	*-1,946.38*	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,058.78	1,767.97
		For Refrigerated Boxes Without Floor, Deduct	*-2,175.69*	
11 41 23 00-0007	EA	6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,764.47	2,062.63
		For Refrigerated Boxes Without Floor, Deduct	*-2,503.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0008	EA	6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,136.15	2,357.30
		For Refrigerated Boxes Without Floor, Deduct	*-2,748.13*	
11 41 23 00-0009	EA	6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,484.29	2,651.95
		For Refrigerated Boxes Without Floor, Deduct	*-2,987.09*	
11 41 23 00-0010	EA	8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,125.85	1,473.31
		For Refrigerated Boxes Without Floor, Deduct	*-2,040.36*	
11 41 23 00-0011	EA	8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,084.61	1,620.64
		For Refrigerated Boxes Without Floor, Deduct	*-2,231.08*	
11 41 23 00-0012	EA	8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,519.92	1,915.30
		For Refrigerated Boxes Without Floor, Deduct	*-2,491.26*	
11 41 23 00-0013	EA	8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,381.23	2,209.96
		For Refrigerated Boxes Without Floor, Deduct	*-2,858.65*	
11 41 23 00-0014	EA	8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,837.90	2,504.62
		For Refrigerated Boxes Without Floor, Deduct	*-3,124.90*	
11 41 23 00-0015	EA	8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,339.49	2,799.29
		For Refrigerated Boxes Without Floor, Deduct	*-3,401.61*	
11 41 23 00-0016	EA	8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,794.47	3,093.95
		For Refrigerated Boxes Without Floor, Deduct	*-3,667.85*	
11 41 23 00-0017	EA	8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,292.11	3,388.61
		For Refrigerated Boxes Without Floor, Deduct	*-3,943.19*	
11 41 23 00-0018	EA	8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,754.26	3,683.27
		For Refrigerated Boxes Without Floor, Deduct	*-4,210.81*	

11 41 23 00-0019 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0020	EA	10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,542.68	1,767.97
		For Refrigerated Boxes Without Floor, Deduct	*-2,546.66*	
11 41 23 00-0021	EA	10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,101.74	2,062.63
		For Refrigerated Boxes Without Floor, Deduct	*-2,838.26*	
11 41 23 00-0022	EA	10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,725.88	2,357.30
		For Refrigerated Boxes Without Floor, Deduct	*-3,145.57*	
11 41 23 00-0023	EA	10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,263.65	2,651.95
		For Refrigerated Boxes Without Floor, Deduct	*-3,431.93*	
11 41 23 00-0024	EA	10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,908.74	2,946.62
		For Refrigerated Boxes Without Floor, Deduct	*-3,745.85*	
11 41 23 00-0025	EA	10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,448.11	3,241.28
		For Refrigerated Boxes Without Floor, Deduct	*-4,030.83*	
11 41 23 00-0026	EA	10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,097.71	3,535.94
		For Refrigerated Boxes Without Floor, Deduct	*-4,346.41*	
11 41 23 00-0027	EA	10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,628.31	3,830.60
		For Refrigerated Boxes Without Floor, Deduct	*-4,631.12*	
11 41 23 00-0028	EA	10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,277.58	4,125.26
		For Refrigerated Boxes Without Floor, Deduct	*-4,945.04*	
11 41 23 00-0029	EA	10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,818.83	4,419.93
		For Refrigerated Boxes Without Floor, Deduct	*-5,231.40*	
11 41 23 00-0030	EA	10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,663.23	4,861.92
		For Refrigerated Boxes Without Floor, Deduct	*-5,545.60*	
11 41 23 00-0031	EA	10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,381.81	5,303.91
		For Refrigerated Boxes Without Floor, Deduct	*-5,830.31*	
11 41 23 00-0032	EA	12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,555.34	2,209.96
		For Refrigerated Boxes Without Floor, Deduct	*-3,152.18*	
11 41 23 00-0033	EA	12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	17,342.74	2,504.62
		For Refrigerated Boxes Without Floor, Deduct	*-3,501.11*	
11 41 23 00-0034	EA	12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,993.16	2,799.29
		For Refrigerated Boxes Without Floor, Deduct	*-3,815.03*	
11 41 23 00-0035	EA	12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,772.27	3,093.95
		For Refrigerated Boxes Without Floor, Deduct	*-4,162.30*	
11 41 23 00-0036	EA	12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,430.87	3,388.61
		For Refrigerated Boxes Without Floor, Deduct	*-4,477.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0037	EA	12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,210.52	3,683.27
		For Refrigerated Boxes Without Floor, Deduct	*-4,824.87*	
11 41 23 00-0038	EA	12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,854.85	3,977.94
		For Refrigerated Boxes Without Floor, Deduct	*-5,138.80*	
11 41 23 00-0039	EA	12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,646.66	4,272.59
		For Refrigerated Boxes Without Floor, Deduct	*-5,487.72*	
11 41 23 00-0040	EA	12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,396.95	4,640.92
		For Refrigerated Boxes Without Floor, Deduct	*-5,801.64*	
11 41 23 00-0041	EA	12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,374.69	5,082.91
		For Refrigerated Boxes Without Floor, Deduct	*-6,148.92*	
11 41 23 00-0042	EA	12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,224.50	5,524.90
		For Refrigerated Boxes Without Floor, Deduct	*-6,464.49*	
11 41 23 00-0043	EA	12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,195.46	5,966.90
		For Refrigerated Boxes Without Floor, Deduct	*-6,811.49*	
11 41 23 00-0044	EA	12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,034.32	6,408.90
		For Refrigerated Boxes Without Floor, Deduct	*-7,125.41*	

11 41 23 00-0045 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0046	EA	14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,429.88	2,651.95
		For Refrigerated Boxes Without Floor, Deduct	*-4,223.49*	
11 41 23 00-0047	EA	14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,412.32	2,946.62
		For Refrigerated Boxes Without Floor, Deduct	*-4,621.75*	
11 41 23 00-0048	EA	14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,553.64	3,241.28
		For Refrigerated Boxes Without Floor, Deduct	*-5,057.22*	
11 41 23 00-0049	EA	14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,535.07	3,535.94
		For Refrigerated Boxes Without Floor, Deduct	*-5,455.75*	
11 41 23 00-0050	EA	14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,662.09	3,830.60
		For Refrigerated Boxes Without Floor, Deduct	*-5,889.56*	
11 41 23 00-0051	EA	14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,656.43	4,125.26
		For Refrigerated Boxes Without Floor, Deduct	*-6,289.75*	
11 41 23 00-0052	EA	14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,787.50	4,419.93
		For Refrigerated Boxes Without Floor, Deduct	*-6,723.57*	
11 41 23 00-0053	EA	14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,969.24	4,861.92
		For Refrigerated Boxes Without Floor, Deduct	*-7,122.10*	
11 41 23 00-0054	EA	14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,290.86	5,303.91
		For Refrigerated Boxes Without Floor, Deduct	*-7,557.57*	
11 41 23 00-0055	EA	14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,496.81	5,745.90
		For Refrigerated Boxes Without Floor, Deduct	*-7,955.83*	
11 41 23 00-0056	EA	14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	41,805.81	6,187.90
		For Refrigerated Boxes Without Floor, Deduct	*-8,389.92*	
11 41 23 00-0057	EA	14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,999.20	6,556.22
		For Refrigerated Boxes Without Floor, Deduct	*-8,789.84*	

11 41 23 00-0058 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0059	EA	16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,477.60	3,093.95
		For Refrigerated Boxes Without Floor, Deduct	*-5,088.63*	
11 41 23 00-0060	EA	16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,757.98	3,388.61
		For Refrigerated Boxes Without Floor, Deduct	*-5,559.66*	
11 41 23 00-0061	EA	16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,965.39	3,683.27
		For Refrigerated Boxes Without Floor, Deduct	*-6,013.59*	
11 41 23 00-0062	EA	16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,244.73	3,977.94
		For Refrigerated Boxes Without Floor, Deduct	*-6,486.27*	
11 41 23 00-0063	EA	16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,456.57	4,272.59
		For Refrigerated Boxes Without Floor, Deduct	*-6,940.20*	
11 41 23 00-0064	EA	16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,835.26	4,640.92
		For Refrigerated Boxes Without Floor, Deduct	*-7,411.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0065	EA	16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,246.26	5,082.91
		For Refrigerated Boxes Without Floor, Deduct	*-7,866.81*	
11 41 23 00-0066	EA	16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,717.86	5,524.90
		For Refrigerated Boxes Without Floor, Deduct	*-8,337.83*	
11 41 23 00-0067	EA	16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,116.56	5,966.90
		For Refrigerated Boxes Without Floor, Deduct	*-8,791.76*	
11 41 23 00-0068	EA	16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,590.43	6,408.90
		For Refrigerated Boxes Without Floor, Deduct	*-9,264.44*	
11 41 23 00-0069	EA	18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,623.11	3,535.94
		For Refrigerated Boxes Without Floor, Deduct	*-5,977.76*	
11 41 23 00-0070	EA	18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,959.60	3,830.60
		For Refrigerated Boxes Without Floor, Deduct	*-6,463.94*	
11 41 23 00-0071	EA	18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,415.86	4,125.26
		For Refrigerated Boxes Without Floor, Deduct	*-6,979.61*	
11 41 23 00-0072	EA	18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,750.88	4,419.93
		For Refrigerated Boxes Without Floor, Deduct	*-7,464.41*	
11 41 23 00-0073	EA	18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,406.68	4,861.92
		For Refrigerated Boxes Without Floor, Deduct	*-7,981.46*	
11 41 23 00-0074	EA	18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,925.64	5,303.91
		For Refrigerated Boxes Without Floor, Deduct	*-8,466.27*	
11 41 23 00-0075	EA	18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,601.23	5,745.90
		For Refrigerated Boxes Without Floor, Deduct	*-8,981.94*	
11 41 23 00-0076	EA	18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	46,118.59	6,187.90
		For Refrigerated Boxes Without Floor, Deduct	*-9,468.12*	
11 41 23 00-0077	EA	18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	48,775.01	6,629.89
		For Refrigerated Boxes Without Floor, Deduct	*-9,983.79*	
11 41 23 00-0078	EA	18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	51,482.90	7,170.10
		For Refrigerated Boxes Without Floor, Deduct	*-10,468.59*	

11 41 23 00-0079 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0080	EA	6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,108.24	1,178.65
		For Refrigerated Boxes Without Floor, Deduct	*-1,634.11*	
11 41 23 00-0081	EA	6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,339.60	1,325.98
		For Refrigerated Boxes Without Floor, Deduct	*-1,892.91*	
11 41 23 00-0082	EA	6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,257.04	1,473.31
		For Refrigerated Boxes Without Floor, Deduct	*-2,073.16*	
11 41 23 00-0083	EA	6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,640.87	1,767.97
		For Refrigerated Boxes Without Floor, Deduct	*-2,321.21*	
11 41 23 00-0084	EA	6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,379.64	2,062.63
		For Refrigerated Boxes Without Floor, Deduct	*-2,657.73*	
11 41 23 00-0085	EA	6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,826.28	2,357.30
		For Refrigerated Boxes Without Floor, Deduct	*-2,920.67*	
11 41 23 00-0086	EA	6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,207.50	2,651.95
		For Refrigerated Boxes Without Floor, Deduct	*-3,167.89*	
11 41 23 00-0087	EA	8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	10,674.87	1,473.31
		For Refrigerated Boxes Without Floor, Deduct	*-2,177.62*	
11 41 23 00-0088	EA	8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,666.71	1,620.64
		For Refrigerated Boxes Without Floor, Deduct	*-2,376.61*	
11 41 23 00-0089	EA	8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,176.98	1,915.30
		For Refrigerated Boxes Without Floor, Deduct	*-2,655.53*	
11 41 23 00-0090	EA	8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	15,071.37	2,209.96
		For Refrigerated Boxes Without Floor, Deduct	*-3,031.19*	
11 41 23 00-0091	EA	8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,603.00	2,504.62
		For Refrigerated Boxes Without Floor, Deduct	*-3,316.17*	
11 41 23 00-0092	EA	8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,137.66	2,799.29
		For Refrigerated Boxes Without Floor, Deduct	*-3,601.15*	
11 41 23 00-0093	EA	8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,667.61	3,093.95
		For Refrigerated Boxes Without Floor, Deduct	*-3,886.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0094	EA	8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,198.33	3,388.61
		For Refrigerated Boxes Without Floor, Deduct	*-4,169.74*	
11 41 23 00-0095	EA	8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,735.44	3,683.27
		For Refrigerated Boxes Without Floor, Deduct	*-4,456.10*	

11 41 23 00-0096 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0097	EA	10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,157.85	1,767.97
		For Refrigerated Boxes Without Floor, Deduct	*-2,700.45*	
11 41 23 00-0098	EA	10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	14,791.87	2,062.63
		For Refrigerated Boxes Without Floor, Deduct	*-3,010.79*	
11 41 23 00-0099	EA	10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,449.09	2,357.30
		For Refrigerated Boxes Without Floor, Deduct	*-3,326.37*	
11 41 23 00-0100	EA	10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,061.82	2,651.95
		For Refrigerated Boxes Without Floor, Deduct	*-3,631.47*	
11 41 23 00-0101	EA	10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,739.99	2,946.62
		For Refrigerated Boxes Without Floor, Deduct	*-3,953.66*	
11 41 23 00-0102	EA	10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,354.33	3,241.28
		For Refrigerated Boxes Without Floor, Deduct	*-4,257.39*	
11 41 23 00-0103	EA	10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,036.99	3,535.94
		For Refrigerated Boxes Without Floor, Deduct	*-4,581.23*	
11 41 23 00-0104	EA	10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,642.56	3,830.60
		For Refrigerated Boxes Without Floor, Deduct	*-4,884.68*	
11 41 23 00-0105	EA	10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,324.91	4,125.26
		For Refrigerated Boxes Without Floor, Deduct	*-5,206.87*	
11 41 23 00-0106	EA	10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,941.13	4,419.93
		For Refrigerated Boxes Without Floor, Deduct	*-5,511.98*	
11 41 23 00-0107	EA	10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,818.59	4,861.92
		For Refrigerated Boxes Without Floor, Deduct	*-5,834.44*	
11 41 23 00-0108	EA	10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,612.14	5,230.25
		For Refrigerated Boxes Without Floor, Deduct	*-6,137.89*	
11 41 23 00-0109	EA	12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	16,320.44	2,209.96
		For Refrigerated Boxes Without Floor, Deduct	*-3,343.46*	
11 41 23 00-0110	EA	12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,140.92	2,504.62
		For Refrigerated Boxes Without Floor, Deduct	*-3,700.65*	
11 41 23 00-0111	EA	12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	19,866.30	2,799.29
		For Refrigerated Boxes Without Floor, Deduct	*-4,033.31*	
11 41 23 00-0112	EA	12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,678.48	3,093.95
		For Refrigerated Boxes Without Floor, Deduct	*-4,388.85*	
11 41 23 00-0113	EA	12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,412.05	3,388.61
		For Refrigerated Boxes Without Floor, Deduct	*-4,723.17*	
11 41 23 00-0114	EA	12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,224.77	3,683.27
		For Refrigerated Boxes Without Floor, Deduct	*-5,078.44*	
11 41 23 00-0115	EA	12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,944.07	3,977.94
		For Refrigerated Boxes Without Floor, Deduct	*-5,411.10*	
11 41 23 00-0116	EA	12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,768.96	4,272.59
		For Refrigerated Boxes Without Floor, Deduct	*-5,768.30*	
11 41 23 00-0117	EA	12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,594.21	4,640.92
		For Refrigerated Boxes Without Floor, Deduct	*-6,100.96*	
11 41 23 00-0118	EA	12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,605.02	5,082.91
		For Refrigerated Boxes Without Floor, Deduct	*-6,456.50*	
11 41 23 00-0119	EA	12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,529.81	5,524.90
		For Refrigerated Boxes Without Floor, Deduct	*-6,790.82*	
11 41 23 00-0120	EA	12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,533.83	5,966.90
		For Refrigerated Boxes Without Floor, Deduct	*-7,146.08*	
11 41 23 00-0121	EA	12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,447.66	6,408.90
		For Refrigerated Boxes Without Floor, Deduct	*-7,478.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0122		Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)* Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.		
11 41 23 00-0123	EA	14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	21,261.13	2,651.95
		For Refrigerated Boxes Without Floor, Deduct	*-4,431.30*	
11 41 23 00-0124	EA	14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,318.54	2,946.62
		For Refrigerated Boxes Without Floor, Deduct	*-4,848.30*	
11 41 23 00-0125	EA	14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,492.92	3,241.28
		For Refrigerated Boxes Without Floor, Deduct	*-5,292.04*	
11 41 23 00-0126	EA	14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,549.32	3,535.94
		For Refrigerated Boxes Without Floor, Deduct	*-5,709.31*	
11 41 23 00-0127	EA	14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,709.42	3,830.60
		For Refrigerated Boxes Without Floor, Deduct	*-6,151.40*	
11 41 23 00-0128	EA	14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,778.73	4,125.26
		For Refrigerated Boxes Without Floor, Deduct	*-6,570.33*	
11 41 23 00-0129	EA	14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	33,942.87	4,419.93
		For Refrigerated Boxes Without Floor, Deduct	*-7,012.41*	
11 41 23 00-0130	EA	14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,199.57	4,861.92
		For Refrigerated Boxes Without Floor, Deduct	*-7,429.69*	
11 41 23 00-0131	EA	14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,554.27	5,303.91
		For Refrigerated Boxes Without Floor, Deduct	*-7,873.42*	
11 41 23 00-0132	EA	14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,835.19	5,745.90
		For Refrigerated Boxes Without Floor, Deduct	*-8,290.43*	
11 41 23 00-0133	EA	14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	43,177.26	6,187.90
		For Refrigerated Boxes Without Floor, Deduct	*-8,732.78*	
11 41 23 00-0134	EA	14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,445.61	6,629.89
		For Refrigerated Boxes Without Floor, Deduct	*-9,151.44*	
11 41 23 00-0135		Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)* Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0136	EA	16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,458.78	3,093.95
		For Refrigerated Boxes Without Floor, Deduct	*-5,333.93*	
11 41 23 00-0137	EA	16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,772.24	3,388.61
		For Refrigerated Boxes Without Floor, Deduct	*-5,813.22*	
11 41 23 00-0138	EA	16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,054.61	3,683.27
		For Refrigerated Boxes Without Floor, Deduct	*-6,285.90*	
11 41 23 00-0139	EA	16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,367.02	3,977.94
		For Refrigerated Boxes Without Floor, Deduct	*-6,766.84*	
11 41 23 00-0140	EA	16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,653.83	4,272.59
		For Refrigerated Boxes Without Floor, Deduct	*-7,239.51*	
11 41 23 00-0141	EA	16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,065.59	4,640.92
		For Refrigerated Boxes Without Floor, Deduct	*-7,718.80*	
11 41 23 00-0142	EA	16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,551.56	5,082.91
		For Refrigerated Boxes Without Floor, Deduct	*-8,193.13*	
11 41 23 00-0143	EA	16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,056.23	5,524.90
		For Refrigerated Boxes Without Floor, Deduct	*-8,672.42*	
11 41 23 00-0144	EA	16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	44,529.90	5,966.90
		For Refrigerated Boxes Without Floor, Deduct	*-9,145.10*	
11 41 23 00-0145	EA	16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	47,036.85	6,408.90
		For Refrigerated Boxes Without Floor, Deduct	*-9,626.04*	
11 41 23 00-0146	EA	18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,670.44	3,535.94
		For Refrigerated Boxes Without Floor, Deduct	*-6,239.59*	
11 41 23 00-0147	EA	18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,081.89	3,830.60
		For Refrigerated Boxes Without Floor, Deduct	*-6,744.51*	
11 41 23 00-0148	EA	18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,571.23	4,125.26
		For Refrigerated Boxes Without Floor, Deduct	*-7,268.45*	
11 41 23 00-0149	EA	18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,981.22	4,419.93
		For Refrigerated Boxes Without Floor, Deduct	*-7,772.00*	
11 41 23 00-0150	EA	18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,670.09	4,861.92
		For Refrigerated Boxes Without Floor, Deduct	*-8,297.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0151	EA	18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,264.01	5,303.91
		For Refrigerated Boxes Without Floor, Deduct	*-8,800.86*	
11 41 23 00-0152	EA	18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	44,972.68	5,745.90
		For Refrigerated Boxes Without Floor, Deduct	*-9,324.80*	
11 41 23 00-0153	EA	18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	47,565.01	6,187.90
		For Refrigerated Boxes Without Floor, Deduct	*-9,829.72*	
11 41 23 00-0154	EA	18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	50,254.50	6,629.89
		For Refrigerated Boxes Without Floor, Deduct	*-10,353.66*	
11 41 23 00-0155	EA	18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	53,037.35	7,170.10
		For Refrigerated Boxes Without Floor, Deduct	*-10,857.20*	

11 41 23 00-0156 Walk-In Refrigerated Unit Metal Price Add-Ons *(11 41 23 00-0001)*

11 41 23 00-0157	SF	Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume®	0.47	
11 41 23 00-0158	SF	Metal Price Add-ons, 24 Gauge White Polyester vs. 24 Gauge Galvalume®	0.87	
11 41 23 00-0159	SF	Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume®	1.22	
11 41 23 00-0160	SF	Metal Price Add-ons, 22 Gauge Stainless Steel vs. 24 Gauge Galvalume®	8.60	
11 41 23 00-0161	SF	Metal Price Add-ons, 20 Gauge Stainless Steel vs. 24 Gauge Galvalume®	11.24	
11 41 23 00-0162	SF	Metal Price Add-ons, 24 Gauge Embossed Tan Polyester vs. 24 Gauge Galvalume®	1.39	
11 41 23 00-0163	SF	Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume®	3.41	
11 41 23 00-0164	SF	Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume®	4.41	
11 41 23 00-0165	SF	Metal Price Add-ons, 24 Gauge Smooth Kynar® Painted vs. 24 Gauge Galvalume®	4.63	
11 41 23 00-0166	SF	Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-6.21	
11 41 23 00-0167	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	2.59	
11 41 23 00-0168	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	6.73	
11 41 23 00-0169	SF	Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor	5.90	
11 41 23 00-0170	SF	Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor	19.13	

11 41 23 00-0171 Air Cooled Condensing Units For Walk-In Coolers And Freezers *(11 41 23)*

11 41 23 00-0172 Medium Temperature Hermetic System, Indoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0173 208/230 Volt, 1 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0174	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,197.80	134.33
11 41 23 00-0175	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,333.27	156.72
11 41 23 00-0176	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,687.29	179.10
11 41 23 00-0177	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,905.22	201.49
11 41 23 00-0178	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,202.06	223.88
11 41 23 00-0179	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,612.65	268.65
11 41 23 00-0180	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,866.09	313.43
11 41 23 00-0181	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,238.01	358.20

11 41 23 00-0182 208/230 Volt, 3 Phase *(11 41 23 00-0172)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0183	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	2,690.90	179.10
11 41 23 00-0184	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	2,905.22	201.49
11 41 23 00-0185	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,234.53	223.88
11 41 23 00-0186	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,574.00	268.65
11 41 23 00-0187	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,866.09	313.43
11 41 23 00-0188	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,193.17	358.20

11 41 23 00-0189 Medium Temperature Hermetic System, Outdoor *(11 41 23 00-0171)*

Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0190 208/230 Volt, 1 Phase *(11 41 23 00-0189)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0191	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,347.27	134.33
11 41 23 00-0192	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,590.97	156.72
11 41 23 00-0193	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,986.74	179.10
11 41 23 00-0194	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,123.23	201.49
11 41 23 00-0195	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,358.22	223.88
11 41 23 00-0196	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,835.30	268.65
11 41 23 00-0197	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,092.36	313.43
11 41 23 00-0198	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,465.82	358.20

11 41 23 00-0199 208/230 Volt, 3 Phase *(11 41 23 00-0189)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0200	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,967.67	179.10
11 41 23 00-0201	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,130.96	201.49
11 41 23 00-0202	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,398.42	223.88
11 41 23 00-0203	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,797.16	268.65
11 41 23 00-0204	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,104.21	313.43
11 41 23 00-0205	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,418.40	358.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0206		Low Temperature Hermetic System, Indoor *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0207		208/230 Volt, 1 Phase *(11 41 23 00-0206)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0208	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	268.66	134.33
11 41 23 00-0209	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,587.88	156.72
11 41 23 00-0210	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,723.37	179.10
11 41 23 00-0211	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,916.56	201.49
11 41 23 00-0212	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,176.80	223.88
11 41 23 00-0213	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,754.39	268.65
11 41 23 00-0214		208/230 Volt, 3 Phase *(11 41 23 00-0206)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	2,726.98	179.10
11 41 23 00-0216	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	2,916.56	201.49
11 41 23 00-0217	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,210.30	223.88
11 41 23 00-0218	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,717.28	268.65
11 41 23 00-0219		Low Temperature Hermetic System, Outdoor *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0220		208/230 Volt, 1 Phase *(11 41 23 00-0219)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,746.70	134.33
11 41 23 00-0222	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,803.32	156.72
11 41 23 00-0223	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,965.61	179.10
11 41 23 00-0224	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,220.13	201.49
11 41 23 00-0225	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,516.45	223.88
11 41 23 00-0226	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,970.85	268.65
11 41 23 00-0227		208/230 Volt, 3 Phase *(11 41 23 00-0219)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,058.90	179.10
11 41 23 00-0229	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,266.00	201.49
11 41 23 00-0230	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,553.56	223.88
11 41 23 00-0231	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,933.23	268.65
11 41 23 00-0232		Medium Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233		208/230 Volt, 1 Phase *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,843.46	179.10
11 41 23 00-0235	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,468.79	358.20
11 41 23 00-0236		208/230 Volt, 3 Phase *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	2,845.52	179.10
11 41 23 00-0238	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,917.43	223.88
11 41 23 00-0239	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,882.08	268.65
11 41 23 00-0240	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,384.78	358.20
11 41 23 00-0241		Medium Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242		208/230 Volt, 1 Phase *(11 41 23 00-0241)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,103.22	179.10
11 41 23 00-0244	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,590.82	358.20
11 41 23 00-0245		208/230 Volt, 3 Phase *(11 41 23 00-0241)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,108.37	179.10
11 41 23 00-0247	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,679.32	223.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0248	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,253.17	268.65
11 41 23 00-0249	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,885.23	358.20

11 41 23 00-0250 Low Temperature Semi-Hermetic System, Indoor *(11 41 23 00-0171)*

Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0251 208/230 Volt, 1 Phase *(11 41 23 00-0250)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0252	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	2,887.33	156.72
11 41 23 00-0253	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,093.94	179.10
11 41 23 00-0254	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,623.68	201.49
11 41 23 00-0255	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,190.59	223.88
11 41 23 00-0256	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,286.67	268.65

11 41 23 00-0257 208/230 Volt, 3 Phase *(11 41 23 00-0250)*

Note: Pre-Assembled indoor R404a.

11 41 23 00-0258	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	2,872.90	156.72
11 41 23 00-0259	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,091.88	179.10
11 41 23 00-0260	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	3,604.10	201.49
11 41 23 00-0261	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	4,156.58	223.88
11 41 23 00-0262	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,105.77	268.65
11 41 23 00-0263	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,089.53	313.43
11 41 23 00-0264	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,534.95	402.98
11 41 23 00-0265	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,773.07	470.15

11 41 23 00-0266 Low Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)*

Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0267 208/230 Volt, 1 Phase *(11 41 23 00-0266)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0268	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,167.19	156.72
11 41 23 00-0269	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,332.06	179.10
11 41 23 00-0270	EA	1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,871.59	201.49
11 41 23 00-0271	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,442.11	223.88
11 41 23 00-0272	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,555.19	268.65

11 41 23 00-0273 208/230 Volt, 3 Phase *(11 41 23 00-0266)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0274	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,121.83	156.72
11 41 23 00-0275	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,334.12	179.10
11 41 23 00-0276	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	3,863.86	201.49
11 41 23 00-0277	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,403.97	223.88
11 41 23 00-0278	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,391.81	268.65
11 41 23 00-0279	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,798.72	313.43
11 41 23 00-0280	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,289.50	402.98
11 41 23 00-0281	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	11,587.40	470.15

11 41 23 00-0282 Walk-In Refrigerated Boxes Accessories *(11 41 23)*

See CSI section 08 71 00 00-0000 for additional door accessories.

11 41 23 00-0283 Accessories *(11 41 23 00-0282)*

11 41 23 00-0284	EA	Super Door Package, For 36" Or 42" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	637.73	
11 41 23 00-0285	EA	Super Door Package, For 48" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	846.09	
11 41 23 00-0286	EA	Super Door Package, For 60" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	846.09	
11 41 23 00-0287	EA	14" x 24" Observation Window, Heated	941.09	
11 41 23 00-0288	EA	Heated Air Vent, Kason	362.31	
11 41 23 00-0289	EA	Heated Air Vent, Bally Polyvinyl Chloride (PVC)	808.80	
11 41 23 00-0290	EA	Interior Ramps, For 36" Or 42" Wide Doors	1,145.55	
11 41 23 00-0291	EA	Interior Ramps, For 48" Wide Doors	1,250.28	
11 41 23 00-0292	EA	Interior Ramps, For 60" Wide Doors	1,371.55	
11 41 23 00-0293	EA	Exterior Ramps, For 36" Or 42" Wide Doors	477.46	
11 41 23 00-0294	EA	Exterior Ramps, For 48" Wide Doors	856.71	
11 41 23 00-0295	EA	Exterior Ramps, For 60" Wide Doors	856.71	
11 41 23 00-0296	EA	Field Installed Extra Vapor-Proof Lights	121.07	
11 41 23 00-0297	EA	Field Installed Fluorescent Lights, 48", 2 Tubes	514.64	
11 41 23 00-0298	EA	Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted)	1,120.99	
11 41 23 00-0299	EA	Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted)	1,177.21	
11 41 23 00-0300	EA	Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted)	569.76	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0301	EA	Locking Devices, 36" Or 42" Wide Locking Bar	328.33	
11 41 23 00-0302	EA	Locking Devices, 48" Wide Locking Bar	372.42	
11 41 23 00-0303	EA	Locking Devices, 60" Wide Locking Bar	372.42	
11 41 23 00-0304	EA	Locking Devices, Mortise Dead Bolt (Cooler)	650.24	
11 41 23 00-0305	EA	Locking Devices, Mortise Dead Bolt (Freezer)	795.76	
11 41 23 00-0306	EA	Blast Freezer Kit, For 36" Or 42" Wide Doors	1,282.25	
11 41 23 00-0307	EA	Blast Freezer Kit, For 48" Wide Doors	1,352.81	
11 41 23 00-0308	EA	Blast Freezer Kit, For 60" Wide Doors	1,390.29	
11 41 23 00-0309	EA	Hardware Options, Polished For 36" Or 42" Door	60.63	
11 41 23 00-0310	EA	Hardware Options, Polished For 48" Or 60" Door	49.61	
11 41 23 00-0311	EA	Hardware Options, Chrome For 36" Or 42" Door	153.24	
11 41 23 00-0312	EA	Hardware Options, Chrome For 48" Or 60" Door	82.68	
11 41 23 00-0313	EA	Hardware Options, Positive Latch, 36" Or 42" Door	200.95	
11 41 23 00-0314	EA	Hardware Options, Strap Hinges, 36" Or 42" Door	148.03	
11 41 23 00-0315	EA	4" Screed Door	408.61	
11 41 23 00-0316	EA	Doors Cut For Tile	487.99	
11 41 23 00-0317	EA	84" High Doors (36" Wide)	487.99	
11 41 23 00-0318	EA	Doors Raised Or Lowered In Panel	1,071.18	
11 41 23 00-0319	EA	57-1/2" Door Section	323.72	
11 41 23 00-0320	EA	3 Way (Interior And Exterior) Light Switches	267.69	
11 41 23 00-0321	EA	3 Way (1 Side Only) Light Switch	136.31	
11 41 23 00-0322	EA	Structural Support, 5" Reinforcing Ceilings (Every 23")	242.04	
11 41 23 00-0323	EA	Structural Support, 6" Reinforcing Ceilings (Every 23")	303.78	
11 41 23 00-0324	LF	Structural Support, Self-Supporting Standard Angle	32.73	
11 41 23 00-0325	LF	Structural Support, Self-Supporting 6" Channel	41.82	
11 41 23 00-0326	LF	Structural Support, Self-Supporting 8" Channel	59.74	
11 41 23 00-0327	LF	Structural Support, Self-Supporting 10" Channel	94.19	
11 41 23 00-0328	LF	Structural Support, Suspended Ceiling Support	18.03	
11 41 23 00-0329	LF	Factory Prepared Opening, Foam Cut Opening	7.17	
11 41 23 00-0330	LF	Factory Prepared Opening, Metal Capped Opening	19.29	
11 41 23 00-0331	LF	Factory Prepared Opening, Wood Framed Opening	13.95	
11 41 23 00-0332	LF	Factory Prepared Opening, Metal Capped Wood Framed Opening	29.77	
11 41 23 00-0333	LF	Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer)	40.39	
11 41 23 00-0334	SF	Outdoor Weather Roofs, Aluminum Roof Caps	19.98	
11 41 23 00-0335	SF	Outdoor Weather Roofs, Membrane Roof Caps	6.06	
11 41 23 00-0336	SF	Outdoor Weather Roofs, Painted Aluminum Roofs	24.82	
11 41 23 00-0337	SF	1/8" Aluminum Tread Plate	51.88	
11 41 23 00-0338	SF	3/16" Aluminum Tread Plate	62.39	
11 41 23 00-0339	EA	Digitemp Display Thermometer (Indoor Exterior Wall)	256.47	
11 41 23 00-0340	EA	4-1/2" Dial Type Thermometer With 5' Cap Tube	231.12	
11 41 23 00-0341	EA	6" Dial Type Thermometer With 5' Cap Tube	728.32	
11 41 23 00-0342	EA	2" Dial Type Thermometer (Standard)	85.59	
11 41 23 00-0343	LF	Extra Capillary Tubing	9.92	

11 41 23 00-0344 Partition Wall For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0345	EA	5'-10" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,607.40	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*125.46*	
11 41 23 00-0346	EA	6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,839.41	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*136.81*	
11 41 23 00-0347	EA	7'-9" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	2,921.49	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*140.67*	
11 41 23 00-0348	EA	8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,157.92	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*152.25*	
11 41 23 00-0349	EA	9'-8" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,094.49	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*148.83*	
11 41 23 00-0350	EA	10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,325.40	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*160.13*	
11 41 23 00-0351	EA	11'-7" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,396.44	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*163.44*	
11 41 23 00-0352	EA	12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,724.38	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*179.59*	
11 41 23 00-0353	EA	13'-6" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,581.56	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*172.20*	
11 41 23 00-0354	EA	14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,813.58	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*183.56*	
11 41 23 00-0355	EA	15'-5" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	3,901.17	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*187.69*	
11 41 23 00-0356	EA	16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,134.29	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*199.10*	
11 41 23 00-0357	EA	17'-4" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,758.90	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*230.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0358	EA	5'-10" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	2,843.32	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*137.26*	
11 41 23 00-0359	EA	6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,040.06	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*146.85*	
11 41 23 00-0360	EA	7'-9" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,136.47	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*151.42*	
11 41 23 00-0361	EA	8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,398.25	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*164.27*	
11 41 23 00-0362	EA	9'-8" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,321.59	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*160.19*	
11 41 23 00-0363	EA	10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,582.27	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*172.97*	
11 41 23 00-0364	EA	11'-7" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,679.77	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*177.60*	
11 41 23 00-0365	EA	12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,940.46	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*190.39*	
11 41 23 00-0366	EA	13'-6" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	3,863.79	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*186.31*	
11 41 23 00-0367	EA	14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,124.47	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*199.10*	
11 41 23 00-0368	EA	15'-5" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,221.99	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*203.73*	
11 41 23 00-0369	EA	16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,482.66	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*216.52*	
11 41 23 00-0370	EA	17'-4" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,405.98	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*212.44*	

11 41 23 00-0371 Glass Doors For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Factory installed, includes lights and 5 tier shelves.

11 41 23 00-0372	EA	23" x 67" Glass Door, Displayrite, Coolrite Model	1,094.73	
11 41 23 00-0373	EA	23" x 73" Glass Door, Displayrite, Coolrite Model	1,196.16	
11 41 23 00-0374	EA	30" x 67" Glass Door, Displayrite, Coolrite Model	1,206.08	
11 41 23 00-0375	EA	30" x 73" Glass Door, Displayrite, Coolrite Model	1,333.96	
11 41 23 00-0376	EA	23" x 67" Glass Door, Displayrite, Freezerite Model	1,464.05	
11 41 23 00-0377	EA	23" x 73" Glass Door, Displayrite, Freezerite Model	1,556.66	
11 41 23 00-0378	EA	30" x 67" Glass Door, Displayrite, Freezerite Model	1,562.17	
11 41 23 00-0379	EA	30" x 73" Glass Door, Displayrite, Freezerite Model	1,817.94	
11 41 23 00-0380	EA	24" x 67" Glass Door, Anthony Model 101	1,488.31	
11 41 23 00-0381	EA	26" x 67" Glass Door, Anthony Model 101	1,843.30	
11 41 23 00-0382	EA	30" x 67" Glass Door, Anthony Model 101	1,967.87	
11 41 23 00-0383	EA	30x75 Glass Door, Anthony Model 101	2,009.77	
11 41 23 00-0384	EA	24" x 67" Glass Door, Anthony Model 101	2,266.64	
11 41 23 00-0385	EA	26" x 67" Glass Door, Anthony Model 101	2,515.79	
11 41 23 00-0386	EA	30" x 67" Glass Door, Anthony Model 101	2,562.09	
11 41 23 00-0387	EA	30" x 75" Glass Door, Anthony Model 101	2,732.97	
11 41 23 00-0388	EA	23" x 67" Glass Door, Anthony Model 401	1,175.21	
11 41 23 00-0389	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,238.05	
11 41 23 00-0390	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,664.70	
11 41 23 00-0391	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,427.67	
11 41 23 00-0392	EA	23" x 67" Glass Door, Anthony Model 401	1,585.32	
11 41 23 00-0393	EA	26-3/4" x 67" Glass Door, Anthony Model 401	1,659.19	
11 41 23 00-0394	EA	30-1/4" x 67" Glass Door, Anthony Model 401	1,664.70	
11 41 23 00-0395	EA	30-1/4" x 75" Glass Door, Anthony Model 401	1,982.21	

11 41 23 00-0396 Modular Wire Shelving For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

11 41 23 00-0397	EA	14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	413.21	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0398	EA	14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	435.77	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0399	EA	14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	484.78	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0400	EA	14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	511.73	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0401	EA	14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	556.84	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0402	EA	18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	475.46	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0403	EA	18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	488.09	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0404	EA	18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	538.19	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0405	EA	18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	562.95	
		For Cantilever Shelving, Add	*402.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0406	EA	18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	642.23	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0407	EA	21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	517.86	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0408	EA	21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	524.96	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0409	EA	21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	597.13	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0410	EA	21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	602.04	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0411	EA	21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	692.34	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0412	EA	14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	355.89	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0413	EA	14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	374.04	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0414	EA	14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	409.82	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0415	EA	14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	419.13	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0416	EA	14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	477.46	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0417	EA	18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	391.68	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0418	EA	18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	419.74	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0419	EA	18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	444.48	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0420	EA	18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	451.61	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0421	EA	18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	530.88	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0422	EA	21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	429.66	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0423	EA	21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	446.69	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0424	EA	21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	479.17	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0425	EA	21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	497.31	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0426	EA	21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	578.79	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0427	EA	14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,718.86	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0428	EA	14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,917.72	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0429	EA	14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,956.07	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0430	EA	14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,994.41	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0431	EA	14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,412.20	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0432	EA	18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,804.03	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0433	EA	18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,915.95	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0434	EA	18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,121.48	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0435	EA	18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,206.65	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0436	EA	18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,698.00	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0437	EA	21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	1,949.39	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0438	EA	21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,128.17	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0439	EA	21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,333.72	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0440	EA	21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,418.89	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0441	EA	21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,070.74	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0442	EA	14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	487.48	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0443	EA	14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	525.47	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0444	EA	14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	568.97	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0445	EA	14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	609.15	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0446	EA	14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	660.87	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0447	EA	18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	575.08	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0448	EA	18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	589.91	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0449	EA	18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	649.95	
		For Cantilever Shelving, Add	*472.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0450	EA	18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	681.31	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0451	EA	18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	777.14	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0452	EA	21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	626.29	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0453	EA	21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	646.64	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0454	EA	21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	714.39	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0455	EA	21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	730.32	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0456	EA	21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	837.17	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0457	EA	14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	418.02	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0458	EA	14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	439.48	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0459	EA	14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	482.98	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0460	EA	14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	493.40	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0461	EA	14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	563.85	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0462	EA	18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	471.45	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0463	EA	18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	503.92	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0464	EA	18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	572.77	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0465	EA	18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	568.86	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0466	EA	18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	636.02	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0467	EA	21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	517.15	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0468	EA	21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	537.50	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0469	EA	21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	577.68	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0470	EA	21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	598.03	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0471	EA	21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	698.26	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0472	EA	14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,098.07	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0473	EA	14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,345.43	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0474	EA	14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,392.14	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0475	EA	14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,438.84	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0476	EA	14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,958.61	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0477	EA	18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,203.31	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0478	EA	18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,341.98	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0479	EA	18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,597.68	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0480	EA	18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,702.91	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0481	EA	18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,314.64	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0482	EA	21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,383.78	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0483	EA	21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,606.04	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0484	EA	21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,861.74	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0485	EA	21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	2,966.97	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0486	EA	21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,779.33	
		For Cantilever Shelving, Add	*472.00*	

11 41 31 Non-Refrigerated Storage Equipment *(11 41)*

11 41 31 00-0001 Wall Cabinets *(11 41 31)*

11 41 31 00-0002	EA	48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	1,813.29	76.14
11 41 31 00-0003	EA	72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,392.58	100.52
11 41 31 00-0004	EA	72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	2,746.15	115.24
11 41 31 00-0005	EA	72" Wall Cabinet With Open Shelves Note: 15" deep and 24" high.	1,757.49	73.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 31 00-0006		Mobile Sheet Pan Truck *(11 41 31)*		
11 41 31 00-0007	EA	2 Level Mobile Sheet Pan Truck	168.55	6.11
11 41 31 00-0008		Pot And Utensil Rack *(11 41 31)*		
11 41 31 00-0009	EA	70" Bench Type Pot And Utensil Rack	491.87	18.63
11 41 31 00-0010	EA	94" Bench Type Pot And Utensil Rack	569.95	21.06
11 41 31 00-0011	EA	94" Ceiling Type Pot And Utensil Rack	677.63	25.23
11 41 31 00-0012	EA	96" Wall Type Pot And Utensil Rack	368.52	13.78
11 41 31 00-0013		Tray And Silverware Cart *(11 41 31)*		
11 41 31 00-0014	EA	33" x 22-1/2" x 42" Tray And Silverware Cart	1,700.95	62.88
11 41 31 00-0015		Flat Top Utility Units *(11 41 31)*		
11 41 31 00-0016	EA	39" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,159.74	42.98
11 41 31 00-0017	EA	79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,554.10	57.45
11 41 33		**Foodservice Shelving** ***(11 41)***		
11 41 33 00-0001		Shelving/Racks *(11 41 33)*		
11 41 33 00-0002		Chrome Shelving Units *(11 41 33 00-0001)*		
11 41 33 00-0003		54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0004	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	201.54	28.53
11 41 33 00-0005	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	211.31	28.77
11 41 33 00-0006	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	223.38	29.01
11 41 33 00-0007	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	230.91	29.24
11 41 33 00-0008	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	245.20	29.48
11 41 33 00-0009	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	257.31	29.71
11 41 33 00-0010	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	267.09	29.95
11 41 33 00-0011	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	288.92	30.42
11 41 33 00-0012	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	218.11	28.77
11 41 33 00-0013	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	225.65	29.01
11 41 33 00-0014	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	233.19	29.24
11 41 33 00-0015	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	254.32	29.48
11 41 33 00-0016	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	268.66	29.71
11 41 33 00-0017	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	287.51	29.95
11 41 33 00-0018	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	295.00	30.18
11 41 33 00-0019	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	321.44	30.65
11 41 33 00-0020	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	227.93	29.01
11 41 33 00-0021	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	244.49	29.24
11 41 33 00-0022	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	256.60	29.48
11 41 33 00-0023	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	270.89	29.71
11 41 33 00-0024	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	280.71	29.95
11 41 33 00-0025	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	304.13	30.18
11 41 33 00-0026	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	316.17	30.42
11 41 33 00-0027	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	347.12	30.89
11 41 33 00-0028	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	249.10	29.24
11 41 33 00-0029	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	258.88	29.48
11 41 33 00-0030	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	266.38	29.71
11 41 33 00-0031	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	285.28	29.95
11 41 33 00-0032	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	297.33	30.18
11 41 33 00-0033	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	320.73	30.42
11 41 33 00-0034	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	337.30	30.65
11 41 33 00-0035	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	377.37	31.12
11 41 33 00-0036	EA	30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	322.46	29.48
11 41 33 00-0037	EA	30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	359.44	29.71
11 41 33 00-0038	EA	30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	382.90	29.95
11 41 33 00-0039	EA	30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	435.85	30.18
11 41 33 00-0040	EA	36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	354.78	30.42
11 41 33 00-0041	EA	36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	389.58	30.65
11 41 33 00-0042	EA	36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	433.37	30.89
11 41 33 00-0043	EA	36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	504.37	31.36
11 41 33 00-0044		63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*		
11 41 33 00-0045	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	203.77	28.53
11 41 33 00-0046	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	213.55	28.77
11 41 33 00-0047	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	225.60	29.01
11 41 33 00-0048	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	233.15	29.24
11 41 33 00-0049	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	247.44	29.48
11 41 33 00-0050	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	259.54	29.71
11 41 33 00-0051	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	269.32	29.95
11 41 33 00-0052	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	291.14	30.42
11 41 33 00-0053	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	220.33	28.77
11 41 33 00-0054	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	227.88	29.01
11 41 33 00-0055	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	235.43	29.24
11 41 33 00-0056	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	256.55	29.48
11 41 33 00-0057	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	270.89	29.71
11 41 33 00-0058	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	289.73	29.95
11 41 33 00-0059	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	297.24	30.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0060	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	301.61	30.65
11 41 33 00-0061	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	230.17	29.01
11 41 33 00-0062	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	246.73	29.24
11 41 33 00-0063	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	258.83	29.48
11 41 33 00-0064	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	273.12	29.71
11 41 33 00-0065	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	282.95	29.95
11 41 33 00-0066	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	306.35	30.18
11 41 33 00-0067	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	318.41	30.42
11 41 33 00-0068	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	349.36	30.89
11 41 33 00-0069	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	251.33	29.24
11 41 33 00-0070	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	261.11	29.48
11 41 33 00-0071	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	268.61	29.71
11 41 33 00-0072	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	287.51	29.95
11 41 33 00-0073	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	299.56	30.18
11 41 33 00-0074	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	322.96	30.42
11 41 33 00-0075	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	339.53	30.65
11 41 33 00-0076	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	379.60	31.12
11 41 33 00-0077	EA	30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	324.69	29.48
11 41 33 00-0078	EA	30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	361.68	29.71
11 41 33 00-0079	EA	30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	385.12	29.95
11 41 33 00-0080	EA	30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	438.07	30.18
11 41 33 00-0081	EA	36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	357.00	30.42
11 41 33 00-0082	EA	36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	391.81	30.65
11 41 33 00-0083	EA	36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	435.63	30.89
11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	506.59	31.36

11 41 33 00-0085 66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*

11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	204.94	28.53
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	214.71	28.77
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	226.77	29.01
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	234.31	29.24
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	248.60	29.48
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	260.70	29.71
11 41 33 00-0092	EA	14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	270.49	29.95
11 41 33 00-0093	EA	14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	292.31	30.42
11 41 33 00-0094	EA	18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	221.51	28.77
11 41 33 00-0095	EA	18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	229.05	29.01
11 41 33 00-0096	EA	18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	236.59	29.24
11 41 33 00-0097	EA	18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	257.72	29.48
11 41 33 00-0098	EA	18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	272.06	29.71
11 41 33 00-0099	EA	18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	290.90	29.95
11 41 33 00-0100	EA	18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	298.40	30.18
11 41 33 00-0101	EA	18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	324.84	30.65
11 41 33 00-0102	EA	21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	231.33	29.01
11 41 33 00-0103	EA	21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	247.89	29.24
11 41 33 00-0104	EA	21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	259.99	29.48
11 41 33 00-0105	EA	21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	274.28	29.71
11 41 33 00-0106	EA	21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	284.11	29.95
11 41 33 00-0107	EA	21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	307.51	30.18
11 41 33 00-0108	EA	21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	319.57	30.42
11 41 33 00-0109	EA	21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	350.52	30.89
11 41 33 00-0110	EA	24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	252.50	29.24
11 41 33 00-0111	EA	24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	262.27	29.48
11 41 33 00-0112	EA	24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	269.78	29.71
11 41 33 00-0113	EA	24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	288.67	29.95
11 41 33 00-0114	EA	24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	300.73	30.18
11 41 33 00-0115	EA	24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	324.13	30.42
11 41 33 00-0116	EA	24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	340.69	30.65
11 41 33 00-0117	EA	24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	380.76	31.12
11 41 33 00-0118	EA	30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	325.85	29.48
11 41 33 00-0119	EA	30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	362.84	29.71
11 41 33 00-0120	EA	30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	386.30	29.95
11 41 33 00-0121	EA	30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	439.23	30.18
11 41 33 00-0122	EA	36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	358.17	30.42
11 41 33 00-0123	EA	36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	392.97	30.65
11 41 33 00-0124	EA	36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	436.78	30.89
11 41 33 00-0125	EA	36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	507.76	31.36

11 41 33 00-0126 74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit *(11 41 33 00-0002)*

11 41 33 00-0127	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	208.32	28.53
11 41 33 00-0128	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	218.11	28.77
11 41 33 00-0129	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	230.17	29.01
11 41 33 00-0130	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	237.71	29.24
11 41 33 00-0131	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	252.00	29.48
11 41 33 00-0132	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	264.10	29.71
11 41 33 00-0133	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	273.88	29.95
11 41 33 00-0134	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	295.70	30.42
11 41 33 00-0135	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	224.89	28.77
11 41 33 00-0136	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	232.45	29.01
11 41 33 00-0137	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	239.99	29.24
11 41 33 00-0138	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	261.11	29.48
11 41 33 00-0139	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	275.44	29.71
11 41 33 00-0140	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	294.29	29.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0141	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	301.80	30.18
11 41 33 00-0142	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	328.23	30.65
11 41 33 00-0143	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	234.73	29.01
11 41 33 00-0144	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	251.29	29.24
11 41 33 00-0145	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	263.39	29.48
11 41 33 00-0146	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	277.68	29.71
11 41 33 00-0147	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	287.51	29.95
11 41 33 00-0148	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	310.91	30.18
11 41 33 00-0149	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	322.96	30.42
11 41 33 00-0150	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	353.92	30.89
11 41 33 00-0151	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	255.89	29.24
11 41 33 00-0152	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	265.67	29.48
11 41 33 00-0153	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	273.17	29.71
11 41 33 00-0154	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	292.06	29.95
11 41 33 00-0155	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	304.13	30.18
11 41 33 00-0156	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	327.52	30.42
11 41 33 00-0157	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	344.09	30.65
11 41 33 00-0158	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	384.16	31.12
11 41 33 00-0159	EA	30" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	329.25	29.48
11 41 33 00-0160	EA	30" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	366.24	29.71
11 41 33 00-0161	EA	30" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	389.69	29.95
11 41 33 00-0162	EA	30" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	442.63	30.18
11 41 33 00-0163	EA	36" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	361.56	30.42
11 41 33 00-0164	EA	36" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	396.37	30.65
11 41 33 00-0165	EA	36" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	440.19	30.89
11 41 33 00-0166	EA	36" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	511.15	31.36
11 41 33 00-0167		**86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0168	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	217.40	28.53
11 41 33 00-0169	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	227.17	28.77
11 41 33 00-0170	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	239.23	29.01
11 41 33 00-0171	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	246.77	29.24
11 41 33 00-0172	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	261.06	29.48
11 41 33 00-0173	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	273.17	29.71
11 41 33 00-0174	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	282.95	29.95
11 41 33 00-0175	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	304.78	30.42
11 41 33 00-0176	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	233.97	28.77
11 41 33 00-0177	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	241.51	29.01
11 41 33 00-0178	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	249.05	29.24
11 41 33 00-0179	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	270.18	29.48
11 41 33 00-0180	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	284.52	29.71
11 41 33 00-0181	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	303.37	29.95
11 41 33 00-0182	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	310.86	30.18
11 41 33 00-0183	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	337.30	30.65
11 41 33 00-0184	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	243.79	29.01
11 41 33 00-0185	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	260.35	29.24
11 41 33 00-0186	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	272.46	29.48
11 41 33 00-0187	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	286.74	29.71
11 41 33 00-0188	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	296.57	29.95
11 41 33 00-0189	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	319.99	30.18
11 41 33 00-0190	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	332.03	30.42
11 41 33 00-0191	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	362.98	30.89
11 41 33 00-0192	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	264.96	29.24
11 41 33 00-0193	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	274.73	29.48
11 41 33 00-0194	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	282.24	29.71
11 41 33 00-0195	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	301.14	29.95
11 41 33 00-0196	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	313.19	30.18
11 41 33 00-0197	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	336.59	30.42
11 41 33 00-0198	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	353.15	30.65
11 41 33 00-0199	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	393.23	31.12
11 41 33 00-0200	EA	30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	338.31	29.48
11 41 33 00-0201	EA	30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	375.30	29.71
11 41 33 00-0202	EA	30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	398.76	29.95
11 41 33 00-0203	EA	30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	451.69	30.18
11 41 33 00-0204	EA	36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	370.63	30.42
11 41 33 00-0205	EA	36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	405.43	30.65
11 41 33 00-0206	EA	36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	449.27	30.89
11 41 33 00-0207	EA	36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	520.22	31.36
11 41 33 00-0208		**96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit** *(11 41 33 00-0002)*		
11 41 33 00-0209	EA	14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	250.89	28.53
11 41 33 00-0210	EA	14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	262.94	28.77
11 41 33 00-0211	EA	14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	277.84	29.01
11 41 33 00-0212	EA	14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	287.08	29.24
11 41 33 00-0213	EA	14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	304.77	29.48
11 41 33 00-0214	EA	14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	319.73	29.71
11 41 33 00-0215	EA	14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	331.77	29.95
11 41 33 00-0216	EA	14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	358.71	30.42
11 41 33 00-0217	EA	18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	271.43	28.77
11 41 33 00-0218	EA	18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	280.68	29.01
11 41 33 00-0219	EA	18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	289.93	29.24
11 41 33 00-0220	EA	18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	316.16	29.48
11 41 33 00-0221	EA	18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	333.91	29.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0222	EA	18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	357.30	29.95
11 41 33 00-0223	EA	18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	366.48	30.18
11 41 33 00-0224	EA	18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	399.18	30.65
11 41 33 00-0225	EA	21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	283.54	29.01
11 41 33 00-0226	EA	21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	304.06	29.24
11 41 33 00-0227	EA	21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	319.02	29.48
11 41 33 00-0228	EA	21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	336.70	29.71
11 41 33 00-0229	EA	21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	348.81	29.95
11 41 33 00-0230	EA	21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	377.89	30.18
11 41 33 00-0231	EA	21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	392.78	30.42
11 41 33 00-0232	EA	21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	431.11	30.89
11 41 33 00-0233	EA	24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	309.82	29.24
11 41 33 00-0234	EA	24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	321.86	29.48
11 41 33 00-0235	EA	24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	331.06	29.71
11 41 33 00-0236	EA	24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	354.51	29.95
11 41 33 00-0237	EA	24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	369.40	30.18
11 41 33 00-0238	EA	24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	398.47	30.42
11 41 33 00-0239	EA	24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	419.00	30.65
11 41 33 00-0240	EA	24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	468.74	31.12
11 41 33 00-0241	EA	30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	401.34	29.48
11 41 33 00-0242	EA	30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	447.40	29.71
11 41 33 00-0243	EA	30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	476.53	29.95
11 41 33 00-0244	EA	30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	542.54	30.18
11 41 33 00-0245	EA	36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	441.03	30.42
11 41 33 00-0246	EA	36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	484.35	30.65
11 41 33 00-0247	EA	36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	538.96	30.89
11 41 33 00-0248	EA	36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	627.30	31.36

11 41 33 00-0249 Galvanized Shelving Units *(11 41 33 00-0001)*

11 41 33 00-0250 54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*

11 41 33 00-0251	EA	14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	224.18	28.53
11 41 33 00-0252	EA	14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	234.59	28.77
11 41 33 00-0253	EA	14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	247.48	29.01
11 41 33 00-0254	EA	14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	257.87	29.24
11 41 33 00-0255	EA	14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	273.19	29.48
11 41 33 00-0256	EA	14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	286.02	29.71
11 41 33 00-0257	EA	14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	298.90	29.95
11 41 33 00-0258	EA	14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	319.71	30.42
11 41 33 00-0259	EA	18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	241.87	28.77
11 41 33 00-0260	EA	18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	249.91	29.01
11 41 33 00-0261	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	265.15	29.24
11 41 33 00-0262	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	282.89	29.48
11 41 33 00-0263	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	298.19	29.71
11 41 33 00-0264	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	318.30	29.95
11 41 33 00-0265	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	333.61	30.18
11 41 33 00-0266	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	356.93	30.65
11 41 33 00-0267	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	252.33	29.01
11 41 33 00-0268	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	272.48	29.24
11 41 33 00-0269	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	285.31	29.48
11 41 33 00-0270	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	300.62	29.71
11 41 33 00-0271	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	311.03	29.95
11 41 33 00-0272	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	338.46	30.18
11 41 33 00-0273	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	351.34	30.42
11 41 33 00-0274	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	389.18	30.89
11 41 33 00-0275	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	277.33	29.24
11 41 33 00-0276	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	287.74	29.48
11 41 33 00-0277	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	295.77	29.71
11 41 33 00-0278	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	315.88	29.95
11 41 33 00-0279	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	338.46	30.18
11 41 33 00-0280	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	363.45	30.42
11 41 33 00-0281	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	383.62	30.65
11 41 33 00-0282	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	428.78	31.12

11 41 33 00-0283 63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*

11 41 33 00-0284	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	229.03	28.53
11 41 33 00-0285	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	239.44	28.77
11 41 33 00-0286	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	252.33	29.01
11 41 33 00-0287	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	262.72	29.24
11 41 33 00-0288	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	278.04	29.48
11 41 33 00-0289	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	290.87	29.71
11 41 33 00-0290	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	303.75	29.95
11 41 33 00-0291	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	324.56	30.42
11 41 33 00-0292	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	246.72	28.77
11 41 33 00-0293	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	254.76	29.01
11 41 33 00-0294	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	270.00	29.24
11 41 33 00-0295	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	287.74	29.48
11 41 33 00-0296	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	303.04	29.71
11 41 33 00-0297	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	323.15	29.95
11 41 33 00-0298	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	338.46	30.18
11 41 33 00-0299	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	361.74	30.65
11 41 33 00-0300	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	257.17	29.01
11 41 33 00-0301	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	277.33	29.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0302	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	290.16	29.48
11 41 33 00-0303	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	305.47	29.71
11 41 33 00-0304	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	315.88	29.95
11 41 33 00-0305	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	343.31	30.18
11 41 33 00-0306	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	356.18	30.42
11 41 33 00-0307	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	394.02	30.89
11 41 33 00-0308	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	282.18	29.24
11 41 33 00-0309	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	292.59	29.48
11 41 33 00-0310	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	300.62	29.71
11 41 33 00-0311	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	320.73	29.95
11 41 33 00-0312	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	343.31	30.18
11 41 33 00-0313	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	368.30	30.42
11 41 33 00-0314	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	388.47	30.65
11 41 33 00-0315	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	433.63	31.12
11 41 33 00-0316		**74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0317	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	233.88	28.53
11 41 33 00-0318	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	244.29	28.77
11 41 33 00-0319	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	257.17	29.01
11 41 33 00-0320	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	267.57	29.24
11 41 33 00-0321	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	282.89	29.48
11 41 33 00-0322	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	295.71	29.71
11 41 33 00-0323	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	308.60	29.95
11 41 33 00-0324	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	329.41	30.42
11 41 33 00-0325	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	251.57	28.77
11 41 33 00-0326	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	259.61	29.01
11 41 33 00-0327	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	274.85	29.24
11 41 33 00-0328	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	292.59	29.48
11 41 33 00-0329	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	307.89	29.71
11 41 33 00-0330	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	328.00	29.95
11 41 33 00-0331	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	343.31	30.18
11 41 33 00-0332	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	366.59	30.65
11 41 33 00-0333	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	262.02	29.01
11 41 33 00-0334	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	282.18	29.24
11 41 33 00-0335	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	295.00	29.48
11 41 33 00-0336	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	310.32	29.71
11 41 33 00-0337	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	320.73	29.95
11 41 33 00-0338	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	348.16	30.18
11 41 33 00-0339	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	361.03	30.42
11 41 33 00-0340	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	398.87	30.89
11 41 33 00-0341	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	287.03	29.24
11 41 33 00-0342	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	297.43	29.48
11 41 33 00-0343	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	305.47	29.71
11 41 33 00-0344	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	325.58	29.95
11 41 33 00-0345	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	348.16	30.18
11 41 33 00-0346	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	373.15	30.42
11 41 33 00-0347	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	393.31	30.65
11 41 33 00-0348	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	438.48	31.12
11 41 33 00-0349		**86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit** *(11 41 33 00-0249)*		
11 41 33 00-0350	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	246.06	28.53
11 41 33 00-0351	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	256.46	28.77
11 41 33 00-0352	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	269.35	29.01
11 41 33 00-0353	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	279.75	29.24
11 41 33 00-0354	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	295.06	29.48
11 41 33 00-0355	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	307.89	29.71
11 41 33 00-0356	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	320.77	29.95
11 41 33 00-0357	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	341.58	30.42
11 41 33 00-0358	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	263.74	28.77
11 41 33 00-0359	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	271.78	29.01
11 41 33 00-0360	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	287.03	29.24
11 41 33 00-0361	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	304.76	29.48
11 41 33 00-0362	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	320.06	29.71
11 41 33 00-0363	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	340.17	29.95
11 41 33 00-0364	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	355.48	30.18
11 41 33 00-0365	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	378.77	30.65
11 41 33 00-0366	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	274.20	29.01
11 41 33 00-0367	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	294.35	29.24
11 41 33 00-0368	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	307.18	29.48
11 41 33 00-0369	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	322.49	29.71
11 41 33 00-0370	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	332.90	29.95
11 41 33 00-0371	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	360.33	30.18
11 41 33 00-0372	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	373.21	30.42
11 41 33 00-0373	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	411.05	30.89
11 41 33 00-0374	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	299.20	29.24
11 41 33 00-0375	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	309.61	29.48
11 41 33 00-0376	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	317.64	29.71
11 41 33 00-0377	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	337.75	29.95
11 41 33 00-0378	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	360.33	30.18
11 41 33 00-0379	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	385.33	30.42
11 41 33 00-0380	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	405.49	30.65
11 41 33 00-0381	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	450.65	31.12

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0382		54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0383	EA	18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	403.66	29.24
11 41 33 00-0384	EA	18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	441.54	29.71
11 41 33 00-0385	EA	18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	491.56	30.18
11 41 33 00-0386	EA	18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	522.12	30.65
11 41 33 00-0387	EA	24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	439.08	29.71
11 41 33 00-0388	EA	24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	503.69	30.18
11 41 33 00-0389	EA	24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	553.69	30.65
11 41 33 00-0390	EA	24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	628.00	31.12
11 41 33 00-0391		63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0392	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	408.51	29.24
11 41 33 00-0393	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	446.40	29.71
11 41 33 00-0394	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	496.41	30.18
11 41 33 00-0395	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	526.97	30.65
11 41 33 00-0396	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	443.93	29.71
11 41 33 00-0397	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	508.54	30.18
11 41 33 00-0398	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	558.54	30.65
11 41 33 00-0399	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	632.85	31.12
11 41 33 00-0400		74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0401	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	413.36	29.24
11 41 33 00-0402	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	451.25	29.71
11 41 33 00-0403	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	501.27	30.18
11 41 33 00-0404	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	531.82	30.65
11 41 33 00-0405	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	448.78	29.71
11 41 33 00-0406	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	513.39	30.18
11 41 33 00-0407	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	563.39	30.65
11 41 33 00-0408	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	637.71	31.12
11 41 33 00-0409		86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit *(11 41 33 00-0249)*		
11 41 33 00-0410	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	425.53	29.24
11 41 33 00-0411	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	463.42	29.71
11 41 33 00-0412	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	513.43	30.18
11 41 33 00-0413	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	543.99	30.65
11 41 33 00-0414	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	460.95	29.71
11 41 33 00-0415	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	525.56	30.18
11 41 33 00-0416	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	575.56	30.65
11 41 33 00-0417	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	649.87	31.12
11 41 33 00-0418		Stainless Steel Shelving Unit *(11 41 33 00-0001)*		
11 41 33 00-0419		63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0420	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	692.79	29.24
11 41 33 00-0421	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	808.43	29.71
11 41 33 00-0422	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	954.59	30.18
11 41 33 00-0423	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,107.67	30.65
11 41 33 00-0424	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	818.13	29.71
11 41 33 00-0425	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	950.78	30.18
11 41 33 00-0426	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,124.70	30.65
11 41 33 00-0427	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,354.48	31.12
11 41 33 00-0428		74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0429	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	717.10	29.24
11 41 33 00-0430	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	832.73	29.71
11 41 33 00-0431	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	982.35	30.18
11 41 33 00-0432	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,131.96	30.65
11 41 33 00-0433	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	842.43	29.71
11 41 33 00-0434	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	975.07	30.18
11 41 33 00-0435	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,148.99	30.65
11 41 33 00-0436	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,378.79	31.12
11 41 33 00-0437		86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0438	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	741.39	29.24
11 41 33 00-0439	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	857.02	29.71
11 41 33 00-0440	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,006.64	30.18
11 41 33 00-0441	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,156.27	30.65
11 41 33 00-0442	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	866.72	29.71
11 41 33 00-0443	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	999.38	30.18
11 41 33 00-0444	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,173.29	30.65
11 41 33 00-0445	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,403.08	31.12
11 41 33 00-0446		63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit *(11 41 33 00-0418)*		
11 41 33 00-0447	EA	18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	824.03	29.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0448	EA	18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	909.19	29.71
11 41 33 00-0449	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,022.14	30.18
11 41 33 00-0450	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,090.46	30.65
11 41 33 00-0451	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	983.35	29.71
11 41 33 00-0452	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,154.86	30.18
11 41 33 00-0453	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,280.02	30.65
11 41 33 00-0454	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,467.05	31.12
11 41 33 00-0455		**74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0456	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	848.32	29.24
11 41 33 00-0457	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	934.95	29.71
11 41 33 00-0458	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,049.89	30.18
11 41 33 00-0459	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,119.37	30.65
11 41 33 00-0460	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,007.65	29.71
11 41 33 00-0461	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,179.15	30.18
11 41 33 00-0462	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,305.68	30.65
11 41 33 00-0463	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,494.81	31.12
11 41 33 00-0464		**86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit** *(11 41 33 00-0418)*		
11 41 33 00-0465	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	872.62	29.24
11 41 33 00-0466	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	958.78	29.71
11 41 33 00-0467	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,073.13	30.18
11 41 33 00-0468	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,142.28	30.65
11 41 33 00-0469	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,031.95	29.71
11 41 33 00-0470	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,203.45	30.18
11 41 33 00-0471	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,329.20	30.65
11 41 33 00-0472	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,517.11	31.12
11 41 33 00-0473		**Galvanized Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0474	EA	18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	168.53	21.03
11 41 33 00-0475	EA	18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	177.20	21.61
11 41 33 00-0476	EA	18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	187.05	22.20
11 41 33 00-0477	EA	18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	204.93	22.79
11 41 33 00-0478	EA	18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	220.53	23.37
11 41 33 00-0479	EA	24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	180.05	21.03
11 41 33 00-0480	EA	24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	195.63	21.61
11 41 33 00-0481	EA	24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	205.47	22.20
11 41 33 00-0482	EA	24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	222.21	22.79
11 41 33 00-0483	EA	24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	241.26	23.37
11 41 33 00-0484		**Stainless Steel Dunnage Rack** *(11 41 33 00-0001)*		
11 41 33 00-0485	EA	18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	427.09	22.20
11 41 33 00-0486	EA	18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	531.73	22.79
11 41 33 00-0487	EA	18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	887.44	23.37
11 41 33 00-0488	EA	24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	465.61	22.20
11 41 33 00-0489	EA	24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	576.33	22.79
11 41 33 00-0490	EA	24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	966.15	23.37
11 41 33 00-0491		**Mobile Racks** *(11 41 33 00-0001)*		
11 41 33 00-0492	EA	Mobile Rack With Pan Slide	1,443.64	35.40
11 41 33 00-0493		**Can Racks** *(11 41 33 00-0001)*		
11 41 33 00-0494	EA	27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack Note: 156 #10 cans capacity	2,325.35	35.40

11 42 Food Preparation Equipment *(11 40)*

11 42 13 Food Preparation Appliances *(11 42)*

11 42 13 00-0001		**Vertical Cutter Mixers** *(11 42 13)*		
11 42 13 00-0002	EA	Bench Type Mixers, 25 Quart	8,548.00	211.33
11 42 13 00-0003	EA	Bench Type Mixers, 40 Quart	9,811.03	211.33
11 42 13 00-0004	EA	Bench Type Mixers, 80 Quart	12,316.58	363.49
11 42 13 00-0005	EA	Bench Type Mixers, 130 Quart	13,969.99	591.74
11 42 13 00-0006		**Choppers** *(11 42 13)*		
11 42 13 00-0007	EA	Choppers, 5 LB	2,167.33	169.07
11 42 13 00-0008	EA	Choppers, 16 LB	3,176.71	219.78
11 42 13 00-0009	EA	Choppers, 35 LB - 40 LB	6,100.11	270.51
11 42 13 00-0010	EA	Choppers, 35 LB - 40 LB/Min, 2 HP	5,054.30	240.33
11 42 13 00-0011	EA	Choppers, 35 LB - 40 LB/Min, 3 HP	5,726.00	240.33
11 42 13 00-0012		**Floor Model Mixer** *(11 42 13)*		
11 42 13 00-0013	EA	Floor Type Mixers, 20 Quart	4,069.62	126.80
11 42 13 00-0014	EA	Floor Type Mixers, 60 Quart	9,995.27	84.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 13 00-0015	EA	Floor Type Mixers, 80 Quart	15,773.12	84.53
11 42 13 00-0016	EA	Floor Type Mixers, 140 Quart	19,992.35	135.26
11 42 13 00-0017		Slicers *(11 42 13)*		
11 42 13 00-0018	EA	Slicer With Table	3,408.80	122.07
11 42 13 00-0019		Peelers *(11 42 13)*		
11 42 13 00-0020	EA	Small Peeler	2,349.87	137.37
11 42 13 00-0021	EA	Large Peeler	2,497.04	183.19
11 42 13 00-0022		Proof Boxes *(11 42 13)*		
11 42 13 00-0023	EA	30-1/2" x 22-1/2", Stainless Steel Proof Box	1,334.50	62.88
11 42 13 00-0024	EA	30-1/2" x 45", Stainless Steel Proof Box	2,233.22	105.38
11 42 13 00-0025	EA	30-1/2" x 45", Galvanized Proof Box	3,314.08	47.84
11 42 13 00-0026		Non-Insulated Heated Proof Cabinet *(11 42 13)*		
11 42 13 00-0027	EA	Angle Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	1,622.54	60.26
11 42 13 00-0028	EA	Angle Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet	1,740.52	64.43
11 42 13 00-0029	EA	Channel Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet	1,611.53	59.77
11 42 13 00-0030	EA	Channel Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet	1,708.00	63.37
11 42 13 00-0031		Insulated Heated Proof Cabinet *(11 42 13)*		
11 42 13 00-0032	EA	3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet	2,653.74	111.53
11 42 13 00-0033	EA	3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet	2,773.21	116.60
11 42 13 00-0034		Pass-Thru Hot Food Holding Cabinet *(11 42 13)*		
11 42 13 00-0035	EA	Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet	4,385.19	177.52
11 42 13 00-0036	EA	Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet	4,659.43	177.52
11 42 13 00-0037	EA	Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet	5,928.02	185.97
11 42 13 00-0038	EA	Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet	6,488.24	185.97
11 42 16		**Food Preparation Surfaces** *(11 42)*		
11 42 16 00-0001		Tables *(11 42 16)*		
11 42 16 00-0002		Baker's Table *(11 42 16 00-0001)*		
11 42 16 00-0003	EA	4' Open Base Baker's Table	798.51	49.73
11 42 16 00-0004	EA	10' Open Base Baker's Table	1,567.19	97.49
11 42 16 00-0005	EA	10' Undershelf Baker's Table	1,933.67	120.31
11 42 16 00-0006	EA	10' Three Drawers Baker's Table	2,073.94	129.18
11 42 16 00-0007	EA	10' Bins Baker's Table	3,051.33	190.12
11 42 16 00-0008	EA	10' Bins And Drawers Baker's Table	4,791.45	298.43
11 42 16 00-0009		Preparation Table, Stainless Steel, With Undershelf *(11 42 16 00-0001)*		
11 42 16 00-0010	EA	30" x 72" Square Edge Stainless Steel Preparation Table With Undershelf	493.30	26.22
11 42 16 00-0011	EA	30" x 72' Marine Edge Stainless Steel Preparation Table With Undershelf	534.32	31.49
11 42 16 00-0012	EA	36" x 96" Marine Edge Stainless Steel Preparation Table With Undershelf	803.57	42.80
11 42 16 00-0013		Preparation Table, Stainless Steel, With Open Front *(11 42 16 00-0001)*		
11 42 16 00-0014	EA	30" X 72" Round Edge Stainless Steel Preparation Table With Open Front	519.42	27.59
11 42 16 00-0015	EA	36" X 96" Round Edge Stainless Steel Preparation Table With Open Front	667.61	35.49
11 42 16 00-0016	EA	36" X 96" Square Edge Stainless Steel Preparation Table With Open Front	573.48	30.52
11 42 16 00-0017	EA	36" X 96' Marine Edge Stainless Steel Preparation Table With Open Front	690.28	36.76
11 42 16 00-0018	EA	Roller Utility Drawers Stainless Steel Preparation Table With Open Front	139.44	7.41
11 42 16 00-0019		Mobile Tables *(11 42 16 00-0001)*		
11 42 16 00-0020	EA	21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	3,186.54	23.50
11 42 16 00-0021	EA	32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top	1,716.27	28.17
11 42 16 00-0022	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	594.44	31.68
11 42 16 00-0023		Hot Food Tables, Stainless Steel, Gas Or Electric *(11 42 16 00-0001)*		
11 42 16 00-0024	EA	32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	1,061.63	56.55
11 42 16 00-0025	EA	32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	861.09	45.83
11 42 16 00-0026	EA	Full Size Pan With Cover Stainless Steel Hot Food Tables	71.47	3.80
11 42 16 00-0027	EA	Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables	104.55	5.56
11 42 16 00-0028	EA	58-1/2", 4 Openings Stainless Steel Hot Food Tables	2,083.44	98.49
11 42 16 00-0029	EA	114-1/2", 8 Openings Stainless Steel Hot Food Tables	4,145.23	196.50
11 42 16 00-0030		Basic Table *(11 42 16 00-0001)*		
11 42 16 00-0031	LF	Table, Basic	264.06	19.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 16 00-0032		Table With Sink *(11 42 16)*		
11 42 16 00-0033	LF	Table With Sink	332.25	37.35
11 42 23		**Food Preparation Scullery Sinks** *(11 42)*		
11 42 23 00-0001		Stainless Steel Scullery Sinks *(11 42 23)*		
		Note: Excludes faucet. See CSI section 22 42 39 00-0085 for service sink faucets.		
11 42 23 00-0002	EA	Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard	2,374.45	156.72
		For Additional Drain Board, Add	*221.77*	
11 42 23 00-0003	EA	Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard	3,271.77	179.10
		For Additional Drain Board, Add	*310.39*	
11 42 23 00-0004	EA	Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard	4,286.55	179.10
		For Additional Drain Board, Add	*410.75*	
11 42 23 00-0005	EA	Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard	6,060.13	179.10
		For Additional Drain Board, Add	*588.10*	
11 42 23 00-0006	EA	Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard	3,904.24	179.10
11 44		Food Cooking Equipment *(11 40)*		
11 44 13		**Commercial Ranges** *(11 44)*		
11 44 13 00-0001		Range *(11 44 13)*		
11 44 13 00-0002	EA	Heavy Duty Range, With 34" Open Top Oven	2,833.85	84.53
11 44 13 00-0003	EA	Range With Fry Top	2,833.85	84.53
11 44 13 00-0004	EA	Steel Finish Fry Top	6,095.55	118.28
11 44 13 00-0005	EA	Stainless Top Only Fry Top	6,093.38	116.93
11 44 13 00-0006	EA	Stainless Top And 2 Sides Fry Top	7,040.66	136.14
11 44 13 00-0007	EA	Gas Range, Vulcan #260L	6,342.96	121.30
		Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.		
11 44 13 00-0008	EA	48" Range With Casters (Vulcan 48C-4B24GN)	8,637.88	70.82
11 44 16		**Commercial Ovens** *(11 44)*		
11 44 16 00-0001		Bake Oven *(11 44 16)*		
11 44 16 00-0002	EA	Bake Oven - Single Deck	5,906.70	126.80
11 44 16 00-0003	EA	Bake Oven - Double Deck	12,106.38	169.07
11 44 16 00-0004	EA	Bake Oven - Triple Deck	17,642.73	169.07
11 44 16 00-0005	EA	Rotary Oven, Gas, Medium	41,284.63	5,494.68
11 44 16 00-0006		Combination Ovens *(11 44 16)*		
		Note: Convection, steam and combination modes.		
11 44 16 00-0007	EA	35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven	13,951.47	147.94
11 44 16 00-0008	EA	35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven	22,846.57	169.07
11 44 16 00-0009	EA	35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven	18,890.33	169.07
11 44 16 00-0010	EA	35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven	45,479.50	211.33
11 44 16 00-0011	EA	35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven	34,555.99	211.33
11 44 16 00-0012		Electric Convection Type Oven *(11 44 16)*		
11 44 16 00-0013	EA	40" x 45" x 57" Convection Oven	9,287.17	143.71
11 44 16 00-0014	EA	30" x 25" x 29" Half Size Electric Convection Oven	4,122.43	147.94
11 44 16 00-0015	EA	30" x 25" x 66-3/4" Half Size Electric Convection Oven	8,381.19	158.50
11 44 16 00-0016	EA	40" x 41-1/2" x 56-3/4" Single Deck Electric Convection Oven	5,797.52	158.50
11 44 16 00-0017	EA	40" x 41-1/2" x 70" Single Deck Electric Convection Oven	10,941.96	169.07
11 44 16 00-0018		Broiler, Without Oven *(11 44 16)*		
11 44 16 00-0019	EA	69" x 26" x 39" Broiler Without Oven	7,927.38	135.26
11 44 16 00-0020	EA	Conveyor Broiler	7,026.38	156.98
11 44 16 00-0021		Oven Stands *(11 44 16)*		
11 44 16 00-0022	EA	Stationary Oven Stand (Rational 60.30.334 US III UltraVent® Stationary Oven Stand)	1,103.09	
11 44 19		**Commercial Cooking Equipment** *(11 44)*		
11 44 19 00-0001		Electric Griddle *(11 44 19)*		
11 44 19 00-0002	EA	24" Wide x 24" Deep Electric Griddle	2,500.52	116.23
11 44 19 00-0003	EA	36" Wide x 24" Deep Electric Griddle	3,528.12	116.23
11 44 19 00-0004	EA	48" Wide x 24" Deep Electric Griddle	4,034.50	126.80
11 44 19 00-0005	EA	60" Wide x 24" Deep Electric Griddle	4,813.35	126.80
11 44 19 00-0006	EA	72" Wide x 24" Deep Electric Griddle	6,154.87	137.37
11 44 19 00-0007		Fryer, With Submerger *(11 44 19)*		
11 44 19 00-0008	EA	Single Fryer With Submerger	4,305.65	135.26
11 44 19 00-0009	EA	Double Fryer With Submerger	8,781.78	169.07
11 44 19 00-0010	EA	Fryer Battery With Filter Unit (Single 42 LB Capacity)	13,310.33	219.78
11 44 19 00-0011	EA	Fryer Battery With Filter Unit (Triple 42 LB Capacity)	31,607.62	274.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0012	EA	50 LB Capacity, 208 Volt, Electric Fryer	3,938.81	169.07
11 44 19 00-0013	EA	50 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer	5,756.45	177.52
11 44 19 00-0014	EA	50 LB Capacity, 480 Volt, Electric Fryer	4,129.65	169.07
11 44 19 00-0015	EA	50 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer	5,947.28	177.52
11 44 19 00-0016	EA	85 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer	13,009.69	219.78
11 44 19 00-0017	EA	85 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer	13,322.86	219.78
11 44 19 00-0018		Kettles, Steam Jacketed *(11 44 19)*		
11 44 19 00-0019	EA	5 Gallon Kettle, With Stand	4,455.92	97.04
11 44 19 00-0020	EA	20 Gallon Kettle With Steam Jacket	8,585.80	97.04
11 44 19 00-0021	EA	40 Gallon Kettle With Steam Jacket	8,859.37	97.04
11 44 19 00-0022	EA	60 Gallon Kettle With Steam Jacket	10,698.93	97.04
11 44 19 00-0023		Steamers, Electric *(11 44 19)*		
11 44 19 00-0024		Cooking Equipment/ Steamers *(11 44 19 00-0023)*		
11 44 19 00-0025	EA	3 Pan, Electric Countertop Convection Steamer	5,377.22	177.52
11 44 19 00-0026	EA	5 Pan, Electric Countertop Convection Steamer	7,056.22	185.97
11 44 19 00-0027	EA	3 Pan, Electric Countertop Boilerless/Connectionless Steamer	4,982.48	177.52
11 44 19 00-0028	EA	5 Pan, Electric Countertop Boilerless/Connectionless Steamer	7,226.66	185.97
11 44 19 00-0029		Braising Pans *(11 44 19)*		
11 44 19 00-0030	EA	24" x 24", 240 Volt, Tilting Braising Pan	9,419.63	169.14
11 44 19 00-0031	EA	24" x 31", 240 Volt, Tilting Braising Pan	9,940.50	177.87
11 44 19 00-0032	EA	24" x 41", 240 Volt, Tilting Braising Pan	10,587.39	189.41
11 44 19 00-0033	EA	24" x 24", 62,000 BTU/Hour, Tilting Braising Pan	12,279.61	220.56
11 44 19 00-0034	EA	24" x 31", 90,000 BTU/Hour, Tilting Braising Pan	12,698.18	227.36
11 44 19 00-0035	EA	24" x 41", 120,000 BTU/Hour, Tilting Braising Pan	13,192.89	233.37
11 44 19 00-0036		Toasters *(11 44 19)*		
11 44 19 00-0037	EA	Bun Toaster 3.2 KW	1,868.75	38.03
11 44 19 00-0038	EA	Bun Toaster 4.3 KW	2,039.52	41.43
11 44 19 00-0039	EA	Pop-Up Toaster, 2 Slot	459.44	91.55
11 44 19 00-0040	EA	Conveyor Toaster	786.11	137.37
11 44 19 00-0041		Microwave Ovens *(11 44 19)*		
11 44 19 00-0042	EA	1,000 Watt Commercial Grade Microwave Oven, Freestanding Metallic Cabinet With Dial Timer	991.45	
11 44 19 00-0043	EA	1,000 Watt Commercial Grade Microwave Oven, Freestanding Stainless Steel Cabinet With Digital Display	1,379.23	
11 44 19 00-0044		Ceramic Broiler On Storage Base With Doors *(11 44 19)*		
11 44 19 00-0045	EA	Standard Finish Ceramic Boiler On Storage Base With Doors	7,761.47	138.67
11 44 19 00-0046	EA	Stainless Steel Front Ceramic Boiler On Storage Base With Doors	7,761.47	138.67
11 44 19 00-0047	EA	Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors	9,646.34	173.11
11 44 19 00-0048		Gas Countertop Hot Plate *(11 44 19)*		
11 44 19 00-0049	EA	2 Burners Gas Countertop Hot Plate	989.49	17.66
11 46		Food Dispensing Equipment *(11 40)*		
11 46 13		**Bar Equipment** *(11 46)*		
11 46 13 00-0001		Soft Serve Machines *(11 46 13)*		
11 46 13 00-0002	EA	Soft Serve Machines, Medium	9,581.37	99.92
11 46 13 00-0003	EA	Soft Serve Machines, Large	16,153.59	122.07
11 46 13 00-0004		Salad Bars *(11 46 13)*		
11 46 13 00-0005	EA	96" Refrigerated Salad Bar With Light 54" Height	9,396.47	376.02
11 46 13 00-0006	EA	96" Refrigerated Salad Bar Without Light 54" Height	8,623.93	376.02
11 46 13 00-0007	EA	96" Iced Salad Bar Without Light 54" Height	6,054.72	206.59
11 46 13 00-0008	EA	79" Iced Salad Bar Without Light 54" Height	4,789.48	169.72
11 46 13 00-0009	EA	79" Refrigerated Salad Bar Without Light 54" Height	7,274.40	248.99
11 46 13 00-0010	EA	114" Iced Salad Bar 34" Height	8,004.09	220.56
11 46 13 00-0011	EA	Salad Bar Tray Fixed	1,209.95	37.35
11 46 13 00-0012	EA	Salad Bar Tray Hinged	1,287.08	37.35
11 46 16		**Service Line Equipment** *(11 46)*		
11 46 16 00-0001		Food Warmer Holding Station *(11 46 16)*		
11 46 16 00-0002	EA	Food Warmer Station And Heat Lamp	690.48	14.04
11 46 16 00-0003		Roll And Food Warmers *(11 46 16)*		
11 46 16 00-0004	EA	One Drawer, 16 Roll Capacity Food Warmer	1,485.84	30.23
11 46 16 00-0005	EA	Three Drawer, 36 Roll Capacity Food Warmer	3,400.25	69.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0006		**Hot Cabinets With Top Wells Electric** *(11 46 16)*		
11 46 16 00-0007	EA	2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric	7,937.73	138.67
11 46 16 00-0008	EA	3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric	11,340.69	198.73
11 46 16 00-0009		**Portable Hot Food Units** *(11 46 16)*		
11 46 16 00-0010	EA	46" Wide x 28" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 37030)	3,803.25	
11 46 16 00-0011	EA	60" Wide x 28" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 37040)	4,356.22	
11 46 16 00-0012	EA	74" Wide x 28" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 37050)	4,924.31	
11 46 16 00-0013		**Stationary Hot Food Units** *(11 46 16)*		
11 46 16 00-0014	EA	46" Wide x 29-1/2" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 38203)	1,156.06	28.24
11 46 16 00-0015	EA	61-1/4" Wide x 29-1/2" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 38204)	1,550.59	32.51
11 46 16 00-0016	EA	76" Wide x 29-1/2" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 38205)	1,930.15	41.63
11 46 16 00-0017		**Serving Counters** *(11 46 16)*		
11 46 16 00-0018	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	101.70	34.49
11 46 16 00-0019	LF	11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	129.84	52.84
11 46 16 00-0020		**Drop-In Equipment** *(11 46 16)*		
11 46 16 00-0021	EA	Hot Food Well, Rectangular	439.43	109.89
11 46 16 00-0022	EA	Hot Food Well, Circular	405.11	109.89
11 46 16 00-0023	EA	Refrigerated Well, 2 Compartment	1,310.16	109.89
11 46 16 00-0024	EA	Refrigerated Well, 3 Compartment	1,487.25	122.07
11 46 16 00-0025	EA	Refrigerated Well, 4 Compartment	1,689.11	137.37
11 46 16 00-0026	EA	Frost Cold Plate	1,634.20	122.07
11 46 16 00-0027		**Beverage Dispensing** *(11 46 16)*		
11 46 16 00-0028	EA	Coffee Urn, Twin 3 Gallon	2,655.54	173.76
11 46 16 00-0029	EA	Coffee Urn, Twin 6 Gallon	3,781.24	243.23
11 46 16 00-0030	EA	Coffee Brewer, 5 Burner	1,119.69	173.76
11 46 16 00-0031	EA	Hot Chocolate Dispenser	1,084.11	143.12
11 46 16 00-0032	EA	Iced Tea Brewer	1,573.18	143.12
11 46 16 00-0033	EA	Juice Dispenser (Concentrate)	1,174.40	243.97
11 46 16 00-0034	EA	Jet Spray Dispenser	1,646.74	244.22
11 46 16 00-0035	EA	Milk Dispenser, Bulk, 2 Flavor	1,369.56	137.37
11 46 16 00-0036	EA	Milk Dispenser, Bulk, 3 Flavor	1,858.63	137.37
11 46 16 00-0037		**Dish Dispensers** *(11 46 16)*		
11 46 16 00-0038	EA	Dish Dispenser, 12", Drop-in	541.37	25.27
11 46 16 00-0039	EA	Dish Dispenser, Mobile	1,685.80	29.53
11 46 16 00-0040	EA	Cup And Glass Dispenser, Drop-in	926.00	78.60
11 46 16 00-0041	EA	Disposable Cup Dispenser, Drop-in	335.71	17.70
11 46 16 00-0042		**Tray And Silver Dispensers** *(11 46 16)*		
11 46 16 00-0043	EA	Tray And Silver Dispensers Mobile	2,104.94	17.70
11 46 16 00-0044		**Condiment Dispensers** *(11 46 16)*		
11 46 16 00-0045	EA	Butter Pat Dispenser	124.90	22.17
11 46 16 00-0046	EA	Bread Dispenser, Counter Top	349.70	22.17
11 46 16 00-0047		**Sandwich Rack Warmer** *(11 46 16)*		
11 46 16 00-0048	EA	18 Compartment, 2 Tier Sandwich Rack Warmer	2,669.00	112.02
11 46 16 00-0049		**Mobile Bread Counter** *(11 46 16)*		
11 46 16 00-0050	EA	Mobile Bread And Roll Counter	6,124.80	251.82
11 46 16 00-0051		**Open Service Stand** *(11 46 16)*		
11 46 16 00-0052	EA	6' Open Service Stand	2,354.01	86.85
11 46 16 00-0053	LF	Each Additional Ft Over 6 Ft Add	322.02	11.74
11 46 16 00-0054		**Mobile Serving Stand Unit** *(11 46 16)*		
11 46 16 00-0055	EA	36" Mobile Serving Stand Unit	2,057.47	83.06
11 46 16 00-0056	EA	96" Mobile Serving Stand Unit	3,379.31	124.50
11 46 16 00-0057		**Reach-In Heated Cabinets** *(11 46 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0058	EA	Heated Cabinet, Reach-in, 1 Compartment	4,142.85	140.92
11 46 16 00-0059	EA	Heated Cabinet, Reach-in, 2 Compartment	5,965.93	177.27
11 46 16 00-0060	EA	Heated Cabinet, 1 Compartment, Pass-Through Roll-In	4,335.91	140.92
11 46 16 00-0061	EA	Heated Cabinet, Pass-Through, Roll-In 2 Compartment	6,246.50	177.27
11 46 16 00-0062		Mobile Heated Cabinets *(11 46 16)*		
11 46 16 00-0063	EA	Heated Cabinet, Mobile	4,636.01	44.25

11 46 19 Soda Fountain Equipment *(11 46)*

11 46 19 00-0001		Carbonated Beverage Dispensing *(11 46 19)*		
11 46 19 00-0002	EA	Carbonated Beverage Dispenser	2,933.13	343.46
11 46 19 00-0003	EA	Carbonated Beverage Dispenser With 90 LB Ice	4,634.02	392.49
11 46 19 00-0004	EA	Carbonated Beverage Dispenser With 150 LB Ice	8,498.48	549.47
11 46 19 00-0005		Beverage Chilling Systems *(11 46 19)*		
11 46 19 00-0006	EA	Beverage Chiller, Small	5,594.08	298.47
11 46 19 00-0007	EA	Beverage Chiller, Large	10,434.80	447.76

11 46 83 Ice Machines *(11 46)*

11 46 83 00-0001		Ice Cube Maker *(11 46 83)*		
11 46 83 00-0002	EA	101 LB/Day, Self Contained Ice Maker With Built-In Bin	2,027.57	147.94
11 46 83 00-0003	EA	201 LB/Day, Self Contained Ice Maker With Built-In Bin	2,400.08	158.50
11 46 83 00-0004	EA	260 LB/Day, Self Contained Ice Maker With Built-In Bin	2,747.47	169.07
11 46 83 00-0005	EA	320 LB/Day, Modular Ice Maker Without Bin	2,425.17	158.50
11 46 83 00-0006	EA	451 LB/Day, Modular Ice Maker Without Bin	2,633.82	169.07
11 46 83 00-0007	EA	600 LB/Day, Modular Ice Maker Without Bin	3,003.46	169.07
11 46 83 00-0008	EA	901 LB/Day, Modular Ice Maker Without Bin	4,263.84	179.63
11 46 83 00-0009	EA	1301 LB/Day, Modular Ice Maker Without Bin	4,826.57	179.63
11 46 83 00-0010	EA	1601 LB/Day, Modular Ice Maker Without Bin	5,805.71	190.20
11 46 83 00-0011	EA	1900 LB/Day, Modular Ice Maker Without Bin	6,403.73	190.20
11 46 83 00-0012		Ice Flakers *(11 46 83)*		
11 46 83 00-0013	EA	Ice Flakers, 300 LB/Day	4,337.34	486.61
11 46 83 00-0014	EA	Ice Flakers, 600 LB/Day	7,832.44	778.59
11 46 83 00-0015	EA	Ice Flakers, 1,000 LB/Day	9,710.08	1,070.56
11 46 83 00-0016	EA	Ice Flakers, 2,000 LB/Day	11,827.24	1,167.88
11 46 83 00-0017		Ice Storage Bins *(11 46 83)*		
11 46 83 00-0018	EA	260 LB Stainless Steel Ice Storage Bin	985.44	106.23
11 46 83 00-0019	EA	360 LB Stainless Steel Ice Storage Bin	1,075.79	106.23
11 46 83 00-0020	EA	550 LB Stainless Steel Ice Storage Bin	1,334.43	115.07
11 46 83 00-0021	EA	660 LB Stainless Steel Ice Storage Bin	1,434.82	115.07
11 46 83 00-0022	EA	1150 LB Stainless Steel Ice Storage Bin	2,707.39	123.93

11 48 Foodservice Cleaning and Disposal Equipment *(11 40)*

11 48 13 Commercial Dishwashers *(11 48)*

11 48 13 00-0001		Sprays And Hoses *(11 48 13)*		
11 48 13 00-0002		Sprays, Fillers *(11 48 13 00-0001)*		
11 48 13 00-0003	EA	Pre-Rinse Spray	356.82	71.13
11 48 13 00-0004	EA	Kettle Fillers	313.92	71.13
11 48 13 00-0005		Hoses *(11 48 13 00-0001)*		
11 48 13 00-0006	EA	Hose Reel	428.19	85.40
11 48 13 00-0007	EA	Wash-Down Hose	342.38	85.40
11 48 13 00-0008	EA	Hose Reel And Spray System With Accessories (Chicago 535NF)	1,261.90	
11 48 13 00-0009		Rack Type Dishwasher *(11 48 13)*		
11 48 13 00-0010	EA	Dishwasher, 1 Tank And 190 Racks/Hour	9,725.26	194.58
11 48 13 00-0011	EA	Dishwasher, 2 Tanks And 234 Racks/Hour	16,754.49	510.78
11 48 13 00-0012	EA	Dishwasher, 2 Tanks And 265 Racks/Hour	20,118.53	583.74
11 48 13 00-0013	EA	Dishwasher, Automatic - 100 Meals/Hour	15,675.59	145.93
11 48 13 00-0014	EA	Dishwasher, Machine Rack	18,290.52	405.42
11 48 13 00-0015	EA	Dishwasher, Hobart LX30-H	4,864.96	170.26
11 48 13 00-0016		Exhaust Hood Dishwasher *(11 48 13)*		
11 48 13 00-0017	EA	4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	1,955.86	199.86
11 48 13 00-0018	EA	4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	3,329.04	239.83

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 48 13 00-0019		Dish Tables *(11 48 13)*		
11 48 13 00-0020	LF	Clean/Soiled Dish Table, Basic	229.26	37.35
11 48 13 00-0021	LF	Clean/Soiled Dish Table With Trough	360.02	55.97
11 48 13 00-0022	LF	Clean/Soiled Dish Table, Maximum	436.99	74.60
11 48 16		**Foodservice Disposal Equipment** *(11 48)*		
11 48 16 00-0001		Garbage Disposals *(11 48 16)* Note: Manual switch.		
11 48 16 00-0002	EA	1/2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,210.88	131.34
11 48 16 00-0003	EA	3/4 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,520.61	136.21
11 48 16 00-0004	EA	1.5 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,124.52	145.93
11 48 16 00-0005	EA	1 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,631.33	141.08
11 48 16 00-0006	EA	2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,314.48	160.52
11 48 16 00-0007	EA	3 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	3,248.74	175.13
11 48 16 00-0008	EA	5 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	3,875.32	194.58
11 48 16 00-0009	EA	7-1/2 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	5,383.56	209.18
11 48 16 00-0010	EA	10 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	7,080.15	218.90
11 48 16 00-0011		Pulper/Extractors *(11 48 16)*		
11 48 16 00-0012	EA	5 HP, Pulper/Extractor, Close-Coupled	4,709.82	202.65
11 50		**Educational And Scientific Equipment** *(11)*		
11 52		**Audio-Visual Equipment** *(11 50)*		
11 52 13		**Projection Screens** *(11 52)*		
11 52 13 13		**Fixed Projection Screens** *(11 52 13)*		
11 52 13 13-0001		Screens *(11 52 13 13)*		
11 52 13 13-0002		Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B) *(11 52 13 13-0001)*		
11 52 13 13-0003	EA	40" x 40" Pull Down Projection Screen (Da-Lite B)	250.83	68.27
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0004	EA	50" x 50" Pull Down Projection Screen (Da-Lite B)	301.53	87.77
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0005	EA	60" x 60" Pull Down Projection Screen (Da-Lite B)	391.23	121.91
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0006	EA	70" x 70" Pull Down Projection Screen (Da-Lite B)	456.56	146.29
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0007	EA	84" x 84" Pull Down Projection Screen (Da-Lite B)	702.24	219.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0008	EA	96" x 96" Pull Down Projection Screen (Da-Lite B)	817.25	243.81
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0009	EA	64" x 84" Pull Down Projection Screen (Da-Lite B)	575.45	156.04
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0010	EA	72" x 96" Pull Down Projection Screen (Da-Lite B)	670.03	195.05
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0011	EA	43" x 57" Pull Down Projection Screen (Da-Lite B)	346.34	82.89
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0012	EA	50" x 67" Pull Down Projection Screen (Da-Lite B)	480.86	117.03
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0013	EA	55" x 77" Pull Down Projection Screen (Da-Lite B)	526.69	131.66
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0014	EA	60" x 80" Pull Down Projection Screen (Da-Lite B)	562.75	141.41
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0015	EA	69" x 92" Pull Down Projection Screen (Da-Lite B)	654.40	170.67
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0016	EA	45" x 80" Pull Down Projection Screen (Da-Lite B)	523.74	121.91
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0017	EA	52" x 92" Pull Down Projection Screen (Da-Lite B)	595.88	141.41
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0018		Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) *(11 52 13 13-0001)*		
11 52 13 13-0019	EA	50" x 50" Pull Down Projection Screen (Da-Lite C)	533.42	87.77
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0020	EA	60" x 60" Pull Down Projection Screen (Da-Lite C)	639.69	121.91
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0021	EA	70" x 70" Pull Down Projection Screen (Da-Lite C)	760.60	165.79
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0022	EA	84" x 84" Pull Down Projection Screen (Da-Lite C)	901.01	219.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0023	EA	6' x 8' Pull Down Projection Screen (Da-Lite C)	977.01	224.31
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0024	EA	8' x 8' Pull Down Projection Screen (Da-Lite C)	1,049.15	243.81
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0025	EA	7' x 9' Pull Down Projection Screen (Da-Lite C)	1,065.71	243.81
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0026	EA	9' x 9' Pull Down Projection Screen (Da-Lite C)	1,144.67	258.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0027	EA	8' x 10' Pull Down Projection Screen (Da-Lite C)	1,223.61	273.07
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0028	EA	10' x 10' Pull Down Projection Screen (Da-Lite C)	1,312.31	292.58
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0029	EA	9' x 12' Pull Down Projection Screen (Da-Lite C)	1,444.82	292.58
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0030	EA	12' x 12' Pull Down Projection Screen (Da-Lite C)	1,706.14	390.10
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0031		Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) *(11 52 13 13-0001)*		
		Note: With controlled screen return.		
11 52 13 13-0032	EA	60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	970.97	121.91
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0033	EA	70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,108.44	165.79
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0034	EA	84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,248.85	219.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0035	EA	6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,308.29	224.31
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0036	EA	8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,396.99	243.81
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0037	EA	7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,413.56	243.81
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0038	EA	9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,492.51	258.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0039	EA	8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,528.57	268.19
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0040	EA	10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,709.85	292.58
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0041	EA	9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,858.92	292.58
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0042	EA	12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,153.37	390.10
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0043 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed installation.

11 52 13 13-0044	EA	50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,496.89	109.72
11 52 13 13-0045	EA	60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,536.50	121.91
11 52 13 13-0046	EA	70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,614.23	146.29
11 52 13 13-0047	EA	84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,891.62	219.44
11 52 13 13-0048	EA	6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,937.96	224.31
11 52 13 13-0049	EA	8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,060.81	243.81
11 52 13 13-0050	EA	7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,098.92	243.81
11 52 13 13-0051	EA	9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,206.23	260.88
11 52 13 13-0052	EA	8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,332.74	273.07
11 52 13 13-0053	EA	10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,422.05	292.58
11 52 13 13-0054	EA	9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,490.65	292.58
11 52 13 13-0055	EA	12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,804.61	390.10

11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed or recessed installation without doors.

11 52 13 13-0057	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	3,399.37	292.58
11 52 13 13-0058	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	3,726.95	390.10
11 52 13 13-0059	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	4,586.41	438.87
11 52 13 13-0060	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	4,849.58	487.63
11 52 13 13-0061	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	5,210.27	585.15
11 52 13 13-0062	EA	13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	5,804.71	633.92
11 52 13 13-0063	EA	18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	6,349.47	682.68
11 52 13 13-0064	EA	15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	6,680.75	682.68
11 52 13 13-0065	EA	20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	7,223.65	780.21
11 52 13 13-0066	EA	11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	6,632.91	633.92
11 52 13 13-0067	EA	16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	7,091.14	780.21
11 52 13 13-0068	EA	22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	7,451.82	877.73
11 52 13 13-0069	EA	12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	7,061.72	682.68
11 52 13 13-0070	EA	18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	9,108.22	877.73

11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0072	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,033.66	109.72
11 52 13 13-0073	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,107.73	121.91
11 52 13 13-0074	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,189.62	146.29
11 52 13 13-0075	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,451.86	219.44
11 52 13 13-0076	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,494.74	224.31
11 52 13 13-0077	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,633.13	243.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0078	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,732.52	243.81
11 52 13 13-0079	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,816.35	260.88
11 52 13 13-0080	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,923.54	273.07
11 52 13 13-0081	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,028.81	292.58
11 52 13 13-0082	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,061.93	292.58
11 52 13 13-0083	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,422.63	390.10
11 52 13 13-0084	EA	10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,736.41	414.48
11 52 13 13-0085	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,950.82	438.87
11 52 13 13-0086	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,412.76	487.63
11 52 13 13-0087	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,690.63	585.15

11 52 13 13-0088 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0089	EA	50" x 50" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,530.12	109.72
11 52 13 13-0090	EA	60" x 60" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,602.06	134.10
11 52 13 13-0091	EA	70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,641.36	146.29
11 52 13 13-0092	EA	84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,835.68	219.44
11 52 13 13-0093	EA	6' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,860.34	224.31
11 52 13 13-0094	EA	8' x 8' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,962.29	243.81
11 52 13 13-0095	EA	7' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,050.08	243.81
11 52 13 13-0096	EA	9' x 9' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,201.83	260.88
11 52 13 13-0097	EA	8' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,249.38	273.07
11 52 13 13-0098	EA	10' x 10' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,359.62	292.58
11 52 13 13-0099	EA	9' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,390.89	341.34
11 52 13 13-0100	EA	12' x 12' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,720.32	390.10
11 52 13 13-0101	EA	10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,593.96	414.48
11 52 13 13-0102	EA	14' x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,800.09	438.87
11 52 13 13-0103	EA	12' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,204.05	487.63
11 52 13 13-0104	EA	16' x 16' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,468.67	585.15
11 52 13 13-0105	EA	13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,955.45	633.92
11 52 13 13-0106	EA	18' x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,329.59	682.68
11 52 13 13-0107	EA	15' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,571.43	682.68
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	7,283.28	780.21
11 52 13 13-0109	EA	50" x 67" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,641.36	146.29
11 52 13 13-0110	EA	60" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,786.91	195.05
11 52 13 13-0111	EA	69" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,850.59	219.44
11 52 13 13-0112	EA	87" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,265.95	273.07
11 52 13 13-0113	EA	105" x 140" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,528.38	341.34
11 52 13 13-0114	EA	123" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,384.33	438.87
11 52 13 13-0115	EA	141" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,705.28	536.39
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	8,133.20	731.44
11 52 13 13-0117	EA	45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,795.19	195.05
11 52 13 13-0118	EA	52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,875.43	219.44
11 52 13 13-0119	EA	54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	2,952.73	234.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0120	EA	58" x 104" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,006.65	253.56
11 52 13 13-0121	EA	65" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,186.44	273.07
11 52 13 13-0122	EA	78" x 139" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	3,465.43	341.34
11 52 13 13-0123	EA	92" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,339.61	438.87
11 52 13 13-0124	EA	106" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,034.90	536.39
11 52 13 13-0125	EA	119" x 212" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,099.56	633.92

11 52 13 13-0126 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,876.47	109.72
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	2,937.42	121.91
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,013.63	146.29
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,254.44	219.44
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,294.67	224.31
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,399.23	243.81
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,501.37	243.81
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,601.06	260.88
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,674.21	273.07
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,790.96	292.58
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,896.15	292.58
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,179.62	390.10

11 52 13 13-0139 Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) *(11 52 13 13-0001)*

Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.

11 52 13 13-0140	EA	60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,741.01	243.81
11 52 13 13-0141	EA	69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	8,302.32	292.58
11 52 13 13-0142	EA	87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	9,721.25	438.87
11 52 13 13-0143	EA	105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	12,266.53	585.15
11 52 13 13-0144	EA	120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	13,621.06	682.68
11 52 13 13-0145	EA	52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	8,204.80	243.81
11 52 13 13-0146	EA	58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	8,981.44	292.58
11 52 13 13-0147	EA	65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	9,526.20	341.34
11 52 13 13-0148	EA	78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	11,973.95	438.87

11 52 13 13-0149 Electric Rear Projection Screen (Da-Lite DA-View) *(11 52 13 13-0001)*

Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.

11 52 13 13-0150	EA	60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	2,820.93	243.81
11 52 13 13-0151	EA	67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	3,518.19	268.19
11 52 13 13-0152	EA	72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,020.90	292.58
11 52 13 13-0153	EA	84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,117.62	316.96
11 52 13 13-0154	EA	90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	7,879.73	7,538.39
11 52 13 13-0155	EA	96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	8,755.46	390.10
11 52 13 13-0156	EA	100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	11,187.58	438.87
11 52 13 13-0157	EA	120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,046.41	487.63
11 52 13 13-0158	EA	125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	16,830.04	536.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0159	EA	135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	22,439.81	585.15
11 52 13 13-0160		Screen Accessories *(11 52 13 13-0001)*		
11 52 13 13-0161		Manual Pull Down Accessories *(11 52 13 13-0160)*		
11 52 13 13-0162	EA	6" Mounting Bracket (Pair)	44.45	7.31
11 52 13 13-0163	EA	14" Wall Mounting Bracket (Pair)	61.01	7.80
11 52 13 13-0164	EA	14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	70.95	8.78
11 52 13 13-0165		Electric Powered Screen Accessories *(11 52 13 13-0160)*		
11 52 13 13-0166	EA	Single Motor Low Voltage Remote Control System - Infrared	420.25	
11 52 13 13-0167	EA	Single Motor Low Voltage Remote Control System - Radio Frequency	602.45	
11 52 13 13-0168		Relocate Existing Fixed Projection Screen *(11 52 13 13)*		
11 52 13 13-0169	EA	Relocate Electric Controlled Projection Screen, Including Storage And Cleaning	1,434.21	
11 52 13 16		**Portable Projection Screens** *(11 52 13)*		
11 52 13 16-0001		Motion Picture Screen And Case *(11 52 13 16)*		
11 52 13 16-0002	SF	Screen, Riser Projection With Anodized Aluminum Frame	28.46	3.51
11 52 16		**Projectors** *(11 52)*		
11 52 16 26		**Video Projectors** *(11 52 16)*		
11 52 16 26-0001		Projectors *(11 52 16 26)*		
11 52 16 26-0002	EA	2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector	803.85	48.77
11 52 16 26-0003	EA	2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector	927.46	48.77
11 52 16 26-0004	EA	2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector	1,218.82	48.77
11 52 16 26-0005	EA	3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	1,907.49	48.77
11 52 16 26-0006	EA	3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	2,216.50	48.77
11 52 16 26-0007	EA	3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	2,808.05	48.77
11 52 16 26-0008	EA	4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	4,450.27	48.77
11 52 16 26-0009	EA	5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	6,021.85	48.77
11 52 16 26-0010	EA	6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	8,926.62	48.77
11 52 16 26-0011		Projector Mounts *(11 52 16 26)*		
11 52 16 26-0012		Universal Projector Mounts *(11 52 16 26-0011)* Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA	Flush Ceiling, Universal Projector Mount (Peerless PPF)	198.80	53.63
11 52 16 26-0014	EA	Wall Arm, Universal Projector Mount (Peerless PWA-14)	308.40	53.63
11 52 16 26-0015		Projector Mount Components *(11 52 16 26-0011)* Note: Complete projector mount system will include ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016		Ceiling Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0017	EA	Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570)	74.82	24.37
11 52 16 26-0018	EA	Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557)	97.31	24.37
11 52 16 26-0019	EA	I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	130.61	24.37
11 52 16 26-0020	EA	Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455)	163.98	24.37
11 52 16 26-0021		Projector Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0022	EA	Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	229.10	24.37
11 52 16 26-0023	EA	High Security Projector Enclosure For Projector Mounts (Peerless ALB)	491.34	24.37
11 52 16 26-0024		Threaded Extension Columns For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0025		Fixed Length, Threaded Extension Column For Projector Mounts *(11 52 16 26-0024)* Note: Peerless EXT series.		
11 52 16 26-0026	EA	6" Fixed Length, Threaded Extension Column For Projector Mounts	40.99	7.31
11 52 16 26-0027	EA	12" Fixed Length, Threaded Extension Column For Projector Mounts	52.09	7.31
11 52 16 26-0028	EA	18" Fixed Length, Threaded Extension Column For Projector Mounts	56.25	7.31
11 52 16 26-0029	EA	24" Fixed Length, Threaded Extension Column For Projector Mounts	59.03	7.31
11 52 16 26-0030	EA	36" Fixed Length, Threaded Extension Column For Projector Mounts	70.83	9.75
11 52 16 26-0031	EA	48" Fixed Length, Threaded Extension Column For Projector Mounts	84.71	9.75
11 52 16 26-0032	EA	60" Fixed Length, Threaded Extension Column For Projector Mounts	106.91	9.75
11 52 16 26-0033	EA	72" Fixed Length, Threaded Extension Column For Projector Mounts	122.17	9.75
11 52 16 26-0034	EA	84" Fixed Length, Threaded Extension Column For Projector Mounts	143.69	12.18
11 52 16 26-0035	EA	96" Fixed Length, Threaded Extension Column For Projector Mounts	163.11	12.18
11 52 16 26-0036	EA	108" Fixed Length, Threaded Extension Column For Projector Mounts	181.87	14.63
11 52 16 26-0037	EA	120" Fixed Length, Threaded Extension Column For Projector Mounts	190.19	14.63

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0038		Adjustable Length, Threaded Extension Columns For Projector Mounts *(11 52 16 26-0024)*		
		Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA	6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	82.64	12.18
11 52 16 26-0040	EA	12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	124.27	12.18
11 52 16 26-0041	EA	18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	127.04	12.18
11 52 16 26-0042	EA	24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	131.20	12.18
11 52 16 26-0043	EA	36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	143.02	14.63
11 52 16 26-0044	EA	48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	149.96	14.63
11 52 16 26-0045	EA	60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	165.22	14.63
11 52 16 26-0046	EA	72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	179.09	14.63
11 52 16 26-0047	EA	84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	199.23	17.06
11 52 16 26-0048	EA	96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	213.11	17.06
11 52 16 26-0049	EA	108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	233.24	19.50
11 52 16 26-0050	EA	120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	242.95	19.50

11 53 Laboratory Equipment *(11 50)*

11 53 43 Service Fittings And Accessories *(11 53)*

11 53 43 00-0001		Outlet And Valves *(11 53 43)*		
11 53 43 00-0002	EA	Medical Outlet Conversion Kit (Air, Oxygen, And Vacuum)	686.81	
11 53 43 00-0003		Test And Certify *(11 53 43)*		
11 53 43 00-0004	EA	Test And Certify Medical Gas Port	48.66	

11 70 Healthcare Equipment *(11)*

11 72 Examination And Treatment Equipment *(11 70)*

11 72 13 Examination Equipment *(11 72)*

11 72 13 00-0001		Sharps Containers *(11 72 13)*		
11 72 13 00-0002	EA	3 Quart Disposable Sharps Containers, Wall Mounted	164.40	
		Note: The rotating cylinder top permits convenient, one-handed disposal of sharps. The rotating lid automatically drops needles and syringes in a horizontal position to maximize capacity. Lid remains closed when not in use. A built-in needle key permits the safe removal of needles when necessary.		
11 72 13 00-0003	EA	2 Gallon Disposable Sharps Containers, Wall Mounted	210.91	
		Note: Provides open access for disposal of a variety of shapes and sizes of sharps, (i.e. needles and syringes, vials, test tubes, and glass slides). The lid features a needle key for the safe removal of needles.		
11 72 13 00-0004	EA	3 Gallon Disposable Sharps Containers, Wall Mounted	187.14	
		Note: Has a dual-purpose lid, which allows the container to remain open for code situations or in a free-fall position for normal, one-handed operation. Lid features a needle key for safe removal of needles when necessary.		
11 72 13 00-0005	EA	One-Quart Disposable Phlebotomy Container, Wall Mounted	297.75	
		Note: Has an opening to safely place the blood tube holder with needle while attending a patient Once full, the lids can be locked, & the container is ready for safe disposal One-quart capacity, is puncture resistant, fully disposable, may be autoclaved or incinerated for final disposal.		

11 73 Patient Care Equipment *(11 70)*

11 73 23 Patient Lift *(11 73)*

11 73 23 00-0001		Ceiling Patient Lift *(11 73 23)*		
11 73 23 00-0002	EA	Maxi Sky 600 Fixed 4 Function Ceiling Patient Lift	7,942.59	
		Note: Maxi Sky 600 cassette with 600 pound weight capacity. Includes 2 point hanger bar, hardware (x-y 3 meter x 4.5 meter 8 anchors xy 4.5), powered raise and lower as well as powered traverse on track. Maxi sky supports clinically activated return to charge, programmable automatic return.		
11 73 23 00-0003		Ceiling Patient Lift System *(11 73 23)*		
		Note: Guldmann		
11 73 23 00-0004	EA	GH2 HD AC UL Ceiling Mounted Hoist, 550 LB Weight Capacity, With Hand Control	8,475.15	838.40
11 73 23 00-0005	EA	550 LB Weight Capacity Hanging Bar GH2 Standard Snap Hook	434.62	
11 73 23 00-0006	EA	550 LB Weight Capacity Traverse Traveling Trolley Room Covering System	564.63	116.45
11 73 23 00-0007	EA	GH2 HD Twin Strap Ceiling Mounted Hoist, 1,000 LB Weight Capacity, With Hand Control	12,008.04	1,164.45
11 73 23 00-0008	EA	1,000 LB Weight Capacity Hanging Bar	3,767.42	
11 73 23 00-0009	EA	1,000 LB Weight Capacity Traverse Traveling Trolley Room Covering System	1,284.46	256.18
11 73 23 00-0010	LF	Aluminum Midi Rail	227.17	27.94
11 73 23 00-0011	EA	Wire For Charging Liner	86.35	
11 73 23 00-0012	LF	Charging Liner For Midi Rail	96.05	
11 73 23 00-0013	EA	End Stops	43.12	
11 73 23 00-0014	EA	Standard Ceiling Brackets	137.87	27.94
11 73 23 00-0015	EA	Charging Kit For Room-Covering System With Midi Rails	261.34	
11 73 23 00-0016	EA	Lock For Charging Liner	47.68	
11 73 23 00-0017	EA	Cover Plate For Midi Rail	4.67	
11 73 23 00-0018	EA	Rosette White	2.65	
11 73 23 00-0019	EA	Aluminum Pipe 2M Profile	127.20	
11 73 23 00-0020	EA	Repositioning Sling Gold, 3 Slings Per System	195.21	
11 73 23 00-0021	EA	Uni D M/L High Black - 550 LB Capacity Sling, 2 Slings Per System	107.21	
11 73 23 00-0022	EA	Uni D L/XL High Black - 550 LB Capacity Sling, 2 Slings Per System	107.21	
11 73 23 00-0023	EA	Disposable Limb Lifter, 2 Slings Per System	50.96	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 73 23 00-0024	EA	Disposable Turner Sling, 1 Sling Per System	125.88	

11 80 Facility Maintenance and Operation Equipment *(11)*

11 81 Maintenance Equipment *(11 80)*

11 81 29 Facility Fall Protection *(11 81)*

11 81 29 00-0001 Safety And Tie-Back Anchors *(11 81 29)*

Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0045 for engineering testing and inspection.

11 81 29 00-0002 Roof Mounted, Safety And Tie-Back Anchors *(11 81 29 00-0001)*

Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0003	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	511.66	73.15
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0004	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	446.70	73.15
		Note: Includes drilling in concrete and adhesive anchor systems.		
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0005	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	322.93	67.81
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	

11 81 29 00-0006 Wall Mounted, Safety And Tie-Back Anchor *(11 81 29 00-0001)*

Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.

11 81 29 00-0007	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	363.56	73.15
		Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.		
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0008	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	331.90	73.15
		Note: Includes drilling in concrete and adhesive anchor systems.		
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0009	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	288.25	67.81
		For Stainless Steel Pad Eye, Add	*40.00*	

11 81 29 00-0010 Safety And Tie-Back Anchor Accessories *(11 81 29 00-0001)*

11 81 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor)	252.26	
		Note: One cut sheet required per order.		

11 82 Facility Solid Waste Handling Equipment *(11 80)*

11 82 19 Packaged Incinerators *(11 82)*

11 82 19 00-0001 Electric Incinerator *(11 82 19)*

11 82 19 00-0002	EA	Electric Package Incinerator, 100 LB/Hour	24,043.90	857.10
11 82 19 00-0003	EA	Electric Package Incinerator, 400 LB/Hour	49,176.91	1,714.19
11 82 19 00-0004	EA	Electric Package Incinerator, 1,000 LB/Hour	164,639.58	2,571.29

11 82 26 Facility Waste Compactors *(11 82)*

11 82 26 00-0001 110 Volt Compactors *(11 82 26)*

11 82 26 00-0002	EA	Waste Compactor, 110 Volt At 75 LB/Hour	13,094.38	445.08
11 82 26 00-0003	EA	Waste Compactor, 110 Volt At 250 LB/Hour	16,647.03	1,068.19

11 82 26 00-0004 230 Volt Compactors *(11 82 26)*

11 82 26 00-0005	EA	Waste Compactor, 230 Volt At 600 LB/Hour Hand Fed	16,783.87	1,424.26
11 82 26 00-0006	EA	Waste Compactor, 230 Volt At 600 LB/Hour Chute Fed	19,052.52	1,869.33

11 82 26 00-0007 Trash Compactors *(11 82 26)*

11 82 26 00-0008	EA	Trash Compactor, Small	3,510.93	255.55
11 82 26 00-0009	EA	Trash Compactor, Large	4,333.18	289.18

END OF SECTION 11

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 Furnishings

12 01 Operation And Maintenance Of Furnishings *(12)*

12 01 60 Operation And Maintenance Of Multiple Seating *(12 01)*

12 01 60 00-0001 Repair Fixed Auditorium Seating *(12 01 60)*

12 01 60 00-0002	EA	Replace Seat Part	122.84	
12 01 60 00-0003	EA	Replace Center Armrest Part	59.64	
12 01 60 00-0004	EA	Replace End Armrest Part	80.37	
12 01 60 00-0005	EA	Replace Kick Plate Part	87.18	
12 01 60 00-0006	EA	Replace Back Part	146.14	
12 01 60 00-0007	EA	Replace Standard Part	115.10	
12 01 60 00-0008	EA	Replace Back Bracket Part	52.77	
12 01 60 00-0009	EA	Replace Seat Bracket Part	54.21	
12 01 60 00-0010	EA	Secure Seat To Floor	49.96	
12 01 60 00-0011	EA	Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor Note: Includes drilling and fasteners.	61.58	
		For Epoxy Anchoring, Add	*17.14*	

12 20 Window Treatments *(12)*

12 21 Window Blinds *(12 20)*

12 21 13 Horizontal Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds *(12 21 13)*

12 21 13 13-0001 Aluminum Horizontal Louver Blinds *(12 21 13 13)*

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds	9.78	0.81
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds	8.01	0.81
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds	8.69	0.81
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds	10.05	0.81

12 21 13 33 Plastic Horizontal Louver Blinds *(12 21 13)*

12 21 13 33-0001 Vinyl Horizontal Louver Blinds *(12 21 13 33)*

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds	8.29	0.81
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds	9.58	0.81

12 21 16 Vertical Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds *(12 21 16)*

12 21 16 13-0001 Aluminum Vertical Louver Blinds *(12 21 16 13)*

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds	11.43	1.71

12 21 16 33 Plastic Vertical Louver Blinds *(12 21 16)*

12 21 16 33-0001 Vinyl Vertical Louver Blinds *(12 21 16 33)*

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds	7.41	1.71
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds	10.33	1.71

12 22 Curtains And Drapes *(12 20)*

12 22 13 Draperies *(12 22)*

12 22 13 00-0001 Lined Draperies *(12 22 13)*

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies	165.41	12.19
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies	171.75	12.19
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies	182.05	12.19
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies	186.01	12.19
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies	195.52	12.19
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies	208.20	12.19
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies	216.12	12.19
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies	227.21	12.19
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies	244.64	12.19

12 22 13 00-0012 >48" To 72" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0013	EA	Up To 39" Long, >48" To 72" Wide Lined Draperies	239.16	16.58
12 22 13 00-0014	EA	>39" To 63" Long, >48" To 72" Wide Lined Draperies	253.42	16.58
12 22 13 00-0015	EA	>63" To 72" Long, >48" To 72" Wide Lined Draperies	264.51	16.58
12 22 13 00-0016	EA	>72" To 81" Long, >48" To 72" Wide Lined Draperies	274.02	16.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies	296.21	16.58
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies	307.30	16.58
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies	316.81	16.58
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies	337.41	16.58
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies	359.59	16.58
12 22 13 00-0022		**>72" To 96" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies	316.08	20.96
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies	336.68	20.96
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies	346.19	20.96
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies	368.37	20.96
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies	388.97	20.96
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies	409.57	20.96
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies	420.66	20.96
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies	442.85	20.96
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies	472.95	20.96
12 22 13 00-0032		**>96" To 120" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies	397.75	25.36
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies	418.35	25.36
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies	429.44	25.36
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies	461.13	25.36
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies	481.73	25.36
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies	503.92	25.36
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies	748.97	25.36
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies	557.80	25.36
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies	573.64	25.36
12 22 13 00-0042		**>120" To 144" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies	469.90	29.74
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies	500.01	29.74
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies	511.11	29.74
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies	542.80	29.74
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies	574.49	29.74
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies	606.18	29.74
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies	637.87	29.74
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies	669.57	29.74
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies	709.18	29.74
12 22 13 00-0052		**>144" To 168" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies	551.58	34.14
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies	583.27	34.14
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies	607.04	34.14
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies	638.73	34.14
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies	670.42	34.14
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies	710.04	34.14
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies	741.73	34.14
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies	773.42	34.14
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies	828.88	34.14
12 22 13 00-0062		**>168" To 192" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies	623.73	38.52
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies	663.35	38.52
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies	687.12	38.52
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies	726.73	38.52
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies	758.42	38.52
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies	798.04	38.52
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies	861.42	38.52
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies	885.19	38.52
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies	940.65	38.52
12 22 13 00-0072		**>192" To 216" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies	703.82	42.91
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies	735.51	42.91
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies	767.20	42.91
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies	814.74	42.91
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies	862.28	42.91
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies	909.82	42.91
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies	949.43	42.91
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies	989.05	42.91
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies	1,060.36	42.91
12 22 13 00-0082		**>216" To 240" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies	775.98	47.30
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies	831.45	47.30
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies	855.21	47.30
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies	902.75	47.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0087	EA	>81" To 90" Long, >216" To 240" Wide Lined Draperies	958.21	47.30
12 22 13 00-0088	EA	>90" To 99" Long, >216" To 240" Wide Lined Draperies	1,005.75	47.30
12 22 13 00-0089	EA	>99" To 108" Long, >216" To 240" Wide Lined Draperies	1,053.29	47.30
12 22 13 00-0090	EA	>108" To 120" Long, >216" To 240" Wide Lined Draperies	1,100.83	47.30
12 22 13 00-0091	EA	>120" To 130" Long, >216" To 240" Wide Lined Draperies	1,180.06	47.30

12 22 16 Drapery Track And Accessories *(12 22)*

12 22 16 00-0001 Metal Wall Or Ceiling Mount Drapery Tracks *(12 22 16)*

12 22 16 00-0002 Basic Traverse Rod *(12 22 16 00-0001)*

12 22 16 00-0003	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	103.21	38.43
12 22 16 00-0004	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	117.10	38.43
12 22 16 00-0005	EA	Traverse Rod, 84' To 156" Extension Metal Wall Or Ceiling Mounted Track	137.51	42.70
12 22 16 00-0006	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	180.90	42.70
12 22 16 00-0007	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	189.86	46.97

12 22 16 00-0008 Traverse Rod With Stationary Curtain Rod *(12 22 16 00-0001)*

12 22 16 00-0009	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	116.53	38.43
12 22 16 00-0010	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	125.50	38.43
12 22 16 00-0011	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	158.64	42.70
12 22 16 00-0012	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	181.47	46.97

12 22 16 00-0013 Double Traverse Rod *(12 22 16 00-0001)*

12 22 16 00-0014	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	139.39	38.43
12 22 16 00-0015	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	166.60	38.43
12 22 16 00-0016	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	206.26	42.70
12 22 16 00-0017	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	224.02	46.97

12 22 16 00-0018 Curtain Rods *(12 22 16 00-0001)*

12 22 16 00-0019	LF	Standard Metal Curtain Rod, White	7.66	1.76

12 22 16 00-0020 Relocate Drapery And Rod *(12 22 16 00-0001)*

12 22 16 00-0021	LF	Relocate Any Type Of Drapery And Any Type Rod Note: Includes storage and cleaning.	25.62	

12 24 Window Shades *(12 20)*

12 24 13 Roller Window Shades *(12 24)*

12 24 13 00-0001 Roller Window Shades *(12 24 13)*

12 24 13 00-0002 Vinyl Coated Fiberglass, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0003	SF	0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades	12.45	0.58
12 24 13 00-0004	SF	1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	12.45	0.58

12 24 13 00-0005 Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0006	SF	0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades	15.91	0.58

12 24 13 00-0007 Vinyl Coated Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0008	SF	1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades	12.45	0.58

12 30 Casework *(12)*

12 31 Manufactured Metal Casework *(12 30)*

12 31 16 Manufactured Metal Sandwich Panel Casework *(12 31)*

12 31 16 00-0001 34-1/2" High x 24" Deep, Stainless Steel Cabinets *(12 31 16)*

12 31 16 00-0002 18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets *(12 31 16 00-0001)*

12 31 16 00-0003 18" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,296.71	216.55
		For 16 Gauge Stainless Steel, Add	*185.65*	
		For >5 To 9, Deduct	*-45.33*	
		For >9, Deduct	*-90.67*	
12 31 16 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	2,030.12	216.55
		For 16 Gauge Stainless Steel, Add	*343.33*	
		For >5 To 9, Deduct	*-83.84*	
		For >9, Deduct	*-167.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	1,891.73	216.55
		For 16 Gauge Stainless Steel, Add	*313.58*	
		For >5 To 9, Deduct	*-76.57*	
		For >9, Deduct	*-153.14*	
12 31 16 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	1,753.34	216.55
		For 16 Gauge Stainless Steel, Add	*283.82*	
		For >5 To 9, Deduct	*-69.31*	
		For >9, Deduct	*-138.61*	
12 31 16 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	1,706.38	216.55
		For 16 Gauge Stainless Steel, Add	*273.73*	
		For >5 To 9, Deduct	*-66.84*	
		For >9, Deduct	*-133.68*	

12 31 16 00-0009 24" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	1,829.82	234.04
		For 16 Gauge Stainless Steel, Add	*292.70*	
		For >5 To 9, Deduct	*-71.47*	
		For >9, Deduct	*-142.94*	
12 31 16 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	1,660.96	234.04
		For 16 Gauge Stainless Steel, Add	*256.39*	
		For >5 To 9, Deduct	*-62.61*	
		For >9, Deduct	*-125.21*	
12 31 16 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	1,697.93	234.04
		For 16 Gauge Stainless Steel, Add	*264.34*	
		For >5 To 9, Deduct	*-64.55*	
		For >9, Deduct	*-129.10*	
12 31 16 00-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	1,869.79	234.04
		For 16 Gauge Stainless Steel, Add	*301.29*	
		For >5 To 9, Deduct	*-73.57*	
		For >9, Deduct	*-147.14*	
12 31 16 00-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	2,390.87	234.04
		For 16 Gauge Stainless Steel, Add	*413.32*	
		For >5 To 9, Deduct	*-100.93*	
		For >9, Deduct	*-201.86*	
12 31 16 00-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	2,614.19	234.04
		For 16 Gauge Stainless Steel, Add	*461.34*	
		For >5 To 9, Deduct	*-112.65*	
		For >9, Deduct	*-225.30*	

12 31 16 00-0016 30" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	1,633.29	246.63
		For 16 Gauge Stainless Steel, Add	*245.15*	
		For >5 To 9, Deduct	*-59.86*	
		For >9, Deduct	*-119.72*	
12 31 16 00-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	2,310.75	246.63
		For 16 Gauge Stainless Steel, Add	*390.80*	
		For >5 To 9, Deduct	*-95.43*	
		For >9, Deduct	*-190.86*	
12 31 16 00-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	2,933.75	246.63
		For 16 Gauge Stainless Steel, Add	*524.74*	
		For >5 To 9, Deduct	*-128.14*	
		For >9, Deduct	*-256.27*	
12 31 16 00-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	2,710.43	246.63
		For 16 Gauge Stainless Steel, Add	*476.73*	
		For >5 To 9, Deduct	*-116.41*	
		For >9, Deduct	*-232.82*	
12 31 16 00-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	2,572.04	246.63
		For 16 Gauge Stainless Steel, Add	*446.98*	
		For >5 To 9, Deduct	*-109.15*	
		For >9, Deduct	*-218.29*	
12 31 16 00-0022	EA	30" Stainless Steel Base Cabinet, With Doors, No Locks	2,010.49	246.63
		For 16 Gauge Stainless Steel, Add	*326.24*	
		For >5 To 9, Deduct	*-79.66*	
		For >9, Deduct	*-159.33*	
12 31 16 00-0023	EA	30" Stainless Steel Base Cabinet, With Doors And Locks	1,993.50	246.63
		For 16 Gauge Stainless Steel, Add	*322.59*	
		For >5 To 9, Deduct	*-78.77*	
		For >9, Deduct	*-157.54*	

12 31 16 00-0024 36" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0025	EA	36" Stainless Steel Base Cabinet, No Doors, No Drawers	1,795.50	256.42
		For 16 Gauge Stainless Steel, Add	*275.66*	
		For >5 To 9, Deduct	*-67.31*	
		For >9, Deduct	*-134.63*	
12 31 16 00-0026	EA	36" Stainless Steel Base Cabinet, With Doors And Locks	2,156.21	256.42
		For 16 Gauge Stainless Steel, Add	*353.21*	
		For >5 To 9, Deduct	*-86.25*	
		For >9, Deduct	*-172.50*	
12 31 16 00-0027	EA	36" Stainless Steel Base Cabinet, With Door, No Lock	2,023.32	256.42
		For 16 Gauge Stainless Steel, Add	*324.64*	
		For >5 To 9, Deduct	*-79.27*	
		For >9, Deduct	*-158.55*	
12 31 16 00-0028	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	3,094.46	256.42
		For 16 Gauge Stainless Steel, Add	*554.94*	
		For >5 To 9, Deduct	*-135.51*	
		For >9, Deduct	*-271.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0029	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	2,871.64	256.42
		For 16 Gauge Stainless Steel, Add	*507.03*	
		For >5 To 9, Deduct	*-123.81*	
		For >9, Deduct	*-247.62*	
12 31 16 00-0030		**42" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0031	EA	42" Stainless Steel Base Cabinet, No Doors, No Drawers	1,886.59	272.51
		For 16 Gauge Stainless Steel, Add	*288.42*	
		For >5 To 9, Deduct	*-70.43*	
		For >9, Deduct	*-140.86*	
12 31 16 00-0032	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	3,264.99	272.51
		For 16 Gauge Stainless Steel, Add	*584.78*	
		For >5 To 9, Deduct	*-142.80*	
		For >9, Deduct	*-285.59*	
12 31 16 00-0033	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	3,041.67	272.51
		For 16 Gauge Stainless Steel, Add	*536.77*	
		For >5 To 9, Deduct	*-131.07*	
		For >9, Deduct	*-262.14*	
12 31 16 00-0034	EA	42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,810.35	272.51
		For 16 Gauge Stainless Steel, Add	*487.03*	
		For >5 To 9, Deduct	*-118.93*	
		For >9, Deduct	*-237.85*	
12 31 16 00-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock	2,194.34	272.51
		For 16 Gauge Stainless Steel, Add	*354.59*	
		For >5 To 9, Deduct	*-86.59*	
		For >9, Deduct	*-173.17*	
12 31 16 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock	2,325.24	272.51
		For 16 Gauge Stainless Steel, Add	*382.73*	
		For >5 To 9, Deduct	*-93.46*	
		For >9, Deduct	*-186.92*	
12 31 16 00-0037		**48" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	3,420.16	278.81
		For 16 Gauge Stainless Steel, Add	*615.53*	
		For >5 To 9, Deduct	*-150.30*	
		For >9, Deduct	*-300.61*	
12 31 16 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	3,197.34	278.81
		For 16 Gauge Stainless Steel, Add	*567.62*	
		For >5 To 9, Deduct	*-138.61*	
		For >9, Deduct	*-277.21*	
12 31 16 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers	2,041.77	278.81
		For 16 Gauge Stainless Steel, Add	*319.17*	
		For >5 To 9, Deduct	*-77.94*	
		For >9, Deduct	*-155.88*	
12 31 16 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,966.03	278.81
		For 16 Gauge Stainless Steel, Add	*517.89*	
		For >5 To 9, Deduct	*-126.46*	
		For >9, Deduct	*-252.92*	
12 31 16 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock	2,481.91	278.81
		For 16 Gauge Stainless Steel, Add	*413.80*	
		For >5 To 9, Deduct	*-101.05*	
		For >9, Deduct	*-202.09*	
12 31 16 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks	2,445.94	278.81
		For 16 Gauge Stainless Steel, Add	*406.07*	
		For >5 To 9, Deduct	*-99.16*	
		For >9, Deduct	*-198.31*	
12 31 16 00-0044		**60" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet	2,426.62	287.31
		For 16 Gauge Stainless Steel, Add	*398.24*	
		For >5 To 9, Deduct	*-97.25*	
		For >9, Deduct	*-194.49*	
12 31 16 00-0046		**18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets** *(12 31 16 00-0001)*		
12 31 16 00-0047		**12" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	956.31	82.44
		For 16 Gauge Stainless Steel, Add	*170.15*	
		For >5 To 9, Deduct	*-41.55*	
		For >9, Deduct	*-83.10*	
12 31 16 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	955.64	87.44
		For 16 Gauge Stainless Steel, Add	*167.86*	
		For >5 To 9, Deduct	*-40.99*	
		For >9, Deduct	*-81.98*	
12 31 16 00-0050		**18" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,003.79	88.64
		For 16 Gauge Stainless Steel, Add	*177.68*	
		For >5 To 9, Deduct	*-43.39*	
		For >9, Deduct	*-86.77*	
12 31 16 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	949.34	88.64
		For 16 Gauge Stainless Steel, Add	*165.97*	
		For >5 To 9, Deduct	*-40.53*	
		For >9, Deduct	*-81.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,109.31	96.43
		For 16 Gauge Stainless Steel, Add	*197.02*	
		For >5 To 9, Deduct	*-48.11*	
		For >9, Deduct	*-96.22*	
12 31 16 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,075.84	96.43
		For 16 Gauge Stainless Steel, Add	*189.83*	
		For >5 To 9, Deduct	*-46.35*	
		For >9, Deduct	*-92.71*	

12 31 16 00-0055 24" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door	847.26	98.13
		For 16 Gauge Stainless Steel, Add	*139.98*	
		For >5 To 9, Deduct	*-34.18*	
		For >9, Deduct	*-68.36*	
12 31 16 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,132.03	98.13
		For 16 Gauge Stainless Steel, Add	*201.20*	
		For >5 To 9, Deduct	*-49.13*	
		For >9, Deduct	*-98.26*	
12 31 16 00-0058	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,078.07	98.13
		For 16 Gauge Stainless Steel, Add	*189.60*	
		For >5 To 9, Deduct	*-46.30*	
		For >9, Deduct	*-92.60*	
12 31 16 00-0059	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,065.39	91.63
		For 16 Gauge Stainless Steel, Add	*189.61*	
		For >5 To 9, Deduct	*-46.30*	
		For >9, Deduct	*-92.60*	
12 31 16 00-0060	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,007.94	91.63
		For 16 Gauge Stainless Steel, Add	*177.26*	
		For >5 To 9, Deduct	*-43.28*	
		For >9, Deduct	*-86.57*	
12 31 16 00-0061	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock	1,277.22	91.63
		For 16 Gauge Stainless Steel, Add	*235.16*	
		For >5 To 9, Deduct	*-57.42*	
		For >9, Deduct	*-114.84*	
12 31 16 00-0062	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	777.12	91.63
		For 16 Gauge Stainless Steel, Add	*127.63*	
		For >5 To 9, Deduct	*-31.17*	
		For >9, Deduct	*-62.33*	
12 31 16 00-0063	EA	24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	732.32	87.44
		For 16 Gauge Stainless Steel, Add	*119.84*	
		For >5 To 9, Deduct	*-29.26*	
		For >9, Deduct	*-58.53*	

12 31 16 00-0064 30" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0065	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,456.15	104.23
		For 16 Gauge Stainless Steel, Add	*268.25*	
		For >5 To 9, Deduct	*-65.50*	
		For >9, Deduct	*-131.01*	
12 31 16 00-0066	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,325.26	104.23
		For 16 Gauge Stainless Steel, Add	*240.11*	
		For >5 To 9, Deduct	*-58.63*	
		For >9, Deduct	*-117.26*	
12 31 16 00-0067	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	909.09	104.23
		For 16 Gauge Stainless Steel, Add	*150.63*	
		For >5 To 9, Deduct	*-36.78*	
		For >9, Deduct	*-73.56*	
12 31 16 00-0068	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,383.42	95.93
		For 16 Gauge Stainless Steel, Add	*256.17*	
		For >5 To 9, Deduct	*-62.55*	
		For >9, Deduct	*-125.11*	
12 31 16 00-0069	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	1,252.52	95.93
		For 16 Gauge Stainless Steel, Add	*228.03*	
		For >5 To 9, Deduct	*-55.68*	
		For >9, Deduct	*-111.36*	
12 31 16 00-0070	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	836.35	95.93
		For 16 Gauge Stainless Steel, Add	*138.55*	
		For >5 To 9, Deduct	*-33.83*	
		For >9, Deduct	*-67.66*	
12 31 16 00-0071	EA	30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	791.17	91.43
		For 16 Gauge Stainless Steel, Add	*130.80*	
		For >5 To 9, Deduct	*-31.94*	
		For >9, Deduct	*-63.88*	

12 31 16 00-0072 36" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0073	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,513.68	107.23
		For 16 Gauge Stainless Steel, Add	*279.33*	
		For >5 To 9, Deduct	*-68.21*	
		For >9, Deduct	*-136.42*	
12 31 16 00-0074	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,379.79	107.23
		For 16 Gauge Stainless Steel, Add	*250.55*	
		For >5 To 9, Deduct	*-61.18*	
		For >9, Deduct	*-122.36*	
12 31 16 00-0075	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	966.62	107.23
		For 16 Gauge Stainless Steel, Add	*161.72*	
		For >5 To 9, Deduct	*-39.49*	
		For >9, Deduct	*-78.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0076	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,439.78	98.13
		For 16 Gauge Stainless Steel, Add	*267.37*	
		For >5 To 9, Deduct	*-65.29*	
		For >9, Deduct	*-130.58*	
12 31 16 00-0077	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,309.39	98.13
		For 16 Gauge Stainless Steel, Add	*239.34*	
		For >5 To 9, Deduct	*-58.44*	
		For >9, Deduct	*-116.88*	
12 31 16 00-0078	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	892.72	98.13
		For 16 Gauge Stainless Steel, Add	*149.75*	
		For >5 To 9, Deduct	*-36.57*	
		For >9, Deduct	*-73.13*	
12 31 16 00-0079	EA	36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	848.41	93.44
		For 16 Gauge Stainless Steel, Add	*142.22*	
		For >5 To 9, Deduct	*-34.73*	
		For >9, Deduct	*-69.46*	

12 31 16 00-0080 42" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,598.26	134.91
		For 16 Gauge Stainless Steel, Add	*285.66*	
		For >5 To 9, Deduct	*-69.75*	
		For >9, Deduct	*-139.51*	
12 31 16 00-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,596.96	127.31
		For 16 Gauge Stainless Steel, Add	*288.63*	
		For >5 To 9, Deduct	*-70.48*	
		For >9, Deduct	*-140.96*	
12 31 16 00-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,464.07	127.31
		For 16 Gauge Stainless Steel, Add	*260.06*	
		For >5 To 9, Deduct	*-63.50*	
		For >9, Deduct	*-127.00*	
12 31 16 00-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,048.90	127.31
		For 16 Gauge Stainless Steel, Add	*170.80*	
		For >5 To 9, Deduct	*-41.71*	
		For >9, Deduct	*-83.41*	
12 31 16 00-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,498.77	106.93
		For 16 Gauge Stainless Steel, Add	*276.26*	
		For >5 To 9, Deduct	*-67.46*	
		For >9, Deduct	*-134.92*	
12 31 16 00-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,366.88	106.93
		For 16 Gauge Stainless Steel, Add	*247.91*	
		For >5 To 9, Deduct	*-60.54*	
		For >9, Deduct	*-121.07*	
12 31 16 00-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	951.71	106.93
		For 16 Gauge Stainless Steel, Add	*158.64*	
		For >5 To 9, Deduct	*-38.74*	
		For >9, Deduct	*-77.48*	

12 31 16 00-0088 48" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks	1,416.62	134.91
		For 16 Gauge Stainless Steel, Add	*245.44*	
		For >5 To 9, Deduct	*-59.93*	
		For >9, Deduct	*-119.87*	
12 31 16 00-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,653.33	130.11
		For 16 Gauge Stainless Steel, Add	*299.51*	
		For >5 To 9, Deduct	*-73.14*	
		For >9, Deduct	*-146.27*	
12 31 16 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,522.43	130.11
		For 16 Gauge Stainless Steel, Add	*271.37*	
		For >5 To 9, Deduct	*-66.26*	
		For >9, Deduct	*-132.53*	
12 31 16 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,106.27	130.11
		For 16 Gauge Stainless Steel, Add	*181.90*	
		For >5 To 9, Deduct	*-44.42*	
		For >9, Deduct	*-88.83*	
12 31 16 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,553.70	107.92
		For 16 Gauge Stainless Steel, Add	*287.61*	
		For >5 To 9, Deduct	*-70.23*	
		For >9, Deduct	*-140.46*	
12 31 16 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,423.31	107.92
		For 16 Gauge Stainless Steel, Add	*259.57*	
		For >5 To 9, Deduct	*-63.38*	
		For >9, Deduct	*-126.77*	
12 31 16 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,006.64	107.92
		For 16 Gauge Stainless Steel, Add	*169.99*	
		For >5 To 9, Deduct	*-41.51*	
		For >9, Deduct	*-83.02*	

12 31 16 00-0096 Accessories *(12 31 16 00-0001)*

12 31 16 00-0097 Stainless Steel Countertops *(12 31 16 00-0096)*

Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.

12 31 16 00-0098	SF	16 Gauge Stainless Steel Countertop With Backsplash	81.23	5.49
		For 14 Gauge Stainless Steel, Add	*15.52*	
12 31 16 00-0099	SF	16 Gauge Stainless Steel Countertop Without Backsplash	74.66	5.49
		For 14 Gauge Stainless Steel, Add	*14.07*	
12 31 16 00-0100	EA	Cutout For Sink And/Or Faucet In Stainless Steel Countertop	146.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0101		Stainless Steel Wall Panels *(12 31 16 00-0096)*		
12 31 16 00-0102	SF	20 Gauge Stainless Steel Wall Panel	27.60	8.19
		For 18 Gauge Stainless Steel, Add	*3.05*	
		For 16 Gauge Stainless Steel, Add	*5.88*	
12 31 16 00-0103		Pedestal Legs *(12 31 16 00-0096)*		
12 31 16 00-0104	EA	Type #304 Stainless Steel Pedestal Leg	205.51	12.50
12 31 16 00-0105		Stainless Steel Slanted Cabinet Top Enclosure *(12 31 16 00-0096)*		
12 31 16 00-0106	EA	Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	231.76	24.38

12 35 Specialty Casework *(12 30)*

12 35 70 Healthcare Casework *(12 35)*

12 35 70 13 Hospital Casework *(12 35 70)*

12 35 70 13-0001		Modular Casework *(12 35 70 13)* Note: Midmark.		
12 35 70 13-0002	EA	36" High Base Sink Unit, 2 Doors; Midmark MC-SBS005-243624	547.22	72.52
12 35 70 13-0003	EA	36" High Base Sink Unit, 2 Doors; Midmark MC-SBS005-363624	678.97	90.65
12 35 70 13-0004	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve; Midmark MC-SBS009-243624	936.32	72.52
12 35 70 13-0005	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve; Midmark MC-SBS009-363624	1,077.41	90.65
12 35 70 13-0006	EA	36" High Base Storage Unit, 1 Door; Midmark MC-SBP006-243624	616.48	72.52
12 35 70 13-0007	EA	36" High Base Storage Unit, 2 Doors; Midmark MC-SBP007-363624	826.83	90.65
12 35 70 13-0008	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-153624	618.82	72.52
12 35 70 13-0009	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-183624	664.73	72.52
12 35 70 13-0010	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-213624	704.42	72.52
12 35 70 13-0011	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors; Midmark MC-SBP013-303624	880.52	90.65
12 35 70 13-0012	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors; Midmark MC-SBP013-363624	893.75	90.65
12 35 70 13-0013	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-243624	823.48	72.52
12 35 70 13-0014	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-303624	958.34	90.65
12 35 70 13-0015	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-363624	987.14	90.65
12 35 70 13-0016	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-123624	723.10	72.52
12 35 70 13-0017	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-153624	743.33	72.52
12 35 70 13-0018	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-183624	795.47	72.52
12 35 70 13-0019	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers; Midmark MC-SBP025-303624	1,317.09	90.65
12 35 70 13-0020	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers; Midmark MC-SBP025-363624	1,390.24	90.65
12 35 70 13-0021	EA	36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-153624	926.98	72.52
12 35 70 13-0022	EA	36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-183624	980.68	72.52
12 35 70 13-0023	EA	36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-213624	1,073.29	72.52
12 35 70 13-0024	EA	84" High Tall Storage Unit, 2 Doors; Midmark MC-STP032-368424	1,904.69	217.55
12 35 70 13-0025	EA	84" High Tall Storage Unit, Open Upper With Pull Out Shelf, 1 4" Drawer, 2 Doors; Midmark MC-STP081-248424	1,754.49	217.55
12 35 70 13-0026	EA	Desk Filler Panel; Midmark MC-SDA003-060501	74.16	18.13
12 35 70 13-0027	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-123014	404.03	72.52
12 35 70 13-0028	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-153014	397.03	72.52
12 35 70 13-0029	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-183014	421.93	72.52
12 35 70 13-0030	EA	30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-213014	455.39	72.52
12 35 70 13-0031	EA	30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-243014	493.53	72.52
12 35 70 13-0032	EA	30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-303014	566.91	90.65
12 35 70 13-0033	EA	30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-363014	612.82	90.65
12 35 70 13-0034	EA	30" High Overhead Unit, 2 Window Doors; Midmark MC-SOHO44-303014	746.67	90.65
12 35 70 13-0035	EA	30" High Overhead Unit, 2 Window Doors; Midmark MC-SOHO44-363014	827.61	90.65
12 35 70 13-0036	LF	19" Self Edge Laminate Countertop With Backsplash	104.12	14.63
12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	201.08	19.50
12 35 70 13-0038	SF	Melamine Wall Cabinet Inner Soffit Note: Includes blocking	30.38	12.19

12 35 70 19 Exam Room Casework *(12 35 70)*

12 35 70 19-0001		Medical Exam Room Cabinetwork *(12 35 70 19)*		
12 35 70 19-0002		Medical Exam Room Wall Cabinets *(12 35 70 19-0001)*		
12 35 70 19-0003		Medical Exam Room Wall Cabinets (Clinton Industries®) *(12 35 70 19-0002)* Note: Include all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls and flush-face doors.		
12 35 70 19-0004	EA	24" Width, 12" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8212)	319.76	30.23
		For Additional Shelf, Add	*26.96*	
		For Lock And Inside Latch Combo For Double Doors, Add	*62.82*	
12 35 70 19-0005	EA	24" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8224)	346.72	30.23
		For Additional Shelf, Add	*26.96*	
		For Lock And Inside Latch Combo For Double Doors, Add	*62.82*	
12 35 70 19-0006	EA	36" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8236)	557.80	39.48
		For Additional Shelf, Add	*26.96*	
		For Lock And Inside Latch Combo For Double Doors, Add	*63.19*	
12 35 70 19-0007	EA	42" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8242)	606.63	41.43
		For Additional Shelf, Add	*26.96*	
		For Lock And Inside Latch Combo For Double Doors, Add	*63.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0008	EA	48" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8248)	668.97	44.36
		For Additional Shelf, Add	*26.96*	
		For Lock And Inside Latch Combo For Double Doors, Add	*63.39*	
12 35 70 19-0009	EA	54" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8254)	754.41	47.28
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*42.96*	
		For Lock And Inside Latch Combo For Double Doors, Add	*63.50*	
12 35 70 19-0010	EA	66" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8266)	866.49	50.70
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*43.10*	
		For Lock And Inside Latch Combo For Double Doors, Add	*63.64*	
12 35 70 19-0011	EA	72" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8272)	917.27	53.63
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*43.21*	
		For Lock And Inside Latch Combo For Double Doors, Add	*63.75*	

12 35 70 19-0012 Medical Exam Room Base Cabinets *(12 35 70 19-0001)*

12 35 70 19-0013 Medical Exam Room Base Cabinets (Ritter®) *(12 35 70 19-0012)*

Note: Include polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors, Pebble Grey Kydex top.

12 35 70 19-0014	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Ritter® 2060)	1,054.20	74.58
		For Lock For Single Door/Drawer, Add	*44.05*	
		For Soft Edge Top, Add	*314.51*	
12 35 70 19-0015	EA	24" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-001)	1,088.86	74.58
		For Lock For Single Door/Drawer, Add	*44.05*	
		For Soft Edge Top, Add	*314.51*	
12 35 70 19-0016	EA	24" Width, 36" Height, 18" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-001)	1,217.23	74.58
		For Lock For Single Door/Drawer, Add	*44.05*	
		For Soft Edge Top, Add	*314.51*	
12 35 70 19-0017	EA	24" Width, 36" Height, 24" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-002)	1,227.50	74.58
		For Lock For Single Door/Drawer, Add	*44.05*	
		For Soft Edge Top, Add	*314.51*	
12 35 70 19-0018	EA	24" Width, 36" Height, 24" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-002)	1,381.55	74.58
		For Lock For Single Door/Drawer, Add	*44.05*	
		For Soft Edge Top, Add	*314.51*	

12 35 70 19-0019 Medical Exam Room Base Cabinets (Clinton Industries®) *(12 35 70 19-0012)*

Note: Include all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls, flush-face doors and countertop.

12 35 70 19-0020	EA	24" Width, 35" Height, 18" Depth, 2 Doors, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 76) Note: Includes stainless steel sink and faucet.	596.76	121.87
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*45.93*	
		For Lock And Inside Latch Combo For Double Doors, Add	*66.47*	
12 35 70 19-0021	EA	24" Width, 35" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Clinton Industries® 8024)	752.52	74.58
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*44.05*	
		For Lock And Inside Latch Combo For Double Doors, Add	*64.59*	
12 35 70 19-0022	EA	36" Width, 35" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8036)	1,072.72	83.84
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*44.42*	
		For Lock And Inside Latch Combo For Double Doors, Add	*64.96*	
12 35 70 19-0023	EA	42" Width, 35" Height, 18" Depth, 3 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8042)	1,160.83	90.67
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*44.69*	
		For Lock And Inside Latch Combo For Double Doors, Add	*65.23*	
12 35 70 19-0024	EA	48" Width, 35" Height, 18" Depth, 4 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8048)	1,268.95	102.37
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*45.15*	
		For Lock And Inside Latch Combo For Double Doors, Add	*65.69*	
12 35 70 19-0025	EA	54" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8054)	1,519.79	109.68
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*45.44*	
		For Lock And Inside Latch Combo For Double Doors, Add	*65.98*	
12 35 70 19-0026	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8066)	1,676.89	116.99
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*45.74*	
		For Lock And Inside Latch Combo For Double Doors, Add	*66.28*	
12 35 70 19-0027	EA	66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8042-99) Note: Includes stainless steel sink and faucet.	1,812.38	170.62
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*47.87*	
		For Lock And Inside Latch Combo For Double Doors, Add	*68.41*	
12 35 70 19-0028	EA	72" Width, 35" Height, 18" Depth, 6 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8072)	1,787.80	124.31
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*46.03*	
		For Lock And Inside Latch Combo For Double Doors, Add	*66.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 35 70 19-0029	EA	72" Width, 35" Height, 18" Depth, 2 Doors And 6 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8048-99)	2,068.09	180.37
		Note: Includes stainless steel sink and faucet.		
		For Additional Shelf, Add	*26.96*	
		For Lock For Single Door/Drawer, Add	*48.26*	
		For Lock And Inside Latch Combo For Double Doors, Add	*68.80*	

12 35 70 19-0030 Medical Exam Room Cabinet Combinations *(12 35 70 19-0001)*

12 35 70 19-0031 Medical Exam Room Cabinet Combinations (Ritter®) *(12 35 70 19-0030)*

Note: Includes base cabinet and overhead cabinet, powder coated steel shell, polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors and laminate countertop.

12 35 70 19-0032	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	1,725.12	146.24
		For Locks On Single Drawer And All Doors, Add	*410.54*	
12 35 70 19-0033	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	1,775.19	146.24
		For Locks On Single Drawer And All Doors, Add	*410.54*	
12 35 70 19-0034	EA	48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	2,161.28	185.24
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*412.87*	
12 35 70 19-0035	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	2,233.17	185.24
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*412.87*	
12 35 70 19-0036	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	1,980.58	146.24
		For Locks On Single Drawer And All Doors, Add	*410.54*	
12 35 70 19-0037	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	2,031.93	146.24
		For Locks On Single Drawer And All Doors, Add	*410.54*	
12 35 70 19-0038	EA	48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	2,569.51	185.24
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*412.87*	
12 35 70 19-0039	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	2,618.29	185.24
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*412.87*	
12 35 70 19-0040	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	2,234.76	146.24
		For Locks On Single Drawer And All Doors, Add	*410.54*	
12 35 70 19-0041	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	2,288.68	146.24
		For Locks On Single Drawer And All Doors, Add	*410.54*	
12 35 70 19-0042	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	2,824.97	185.24
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*412.87*	
12 35 70 19-0043	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	2,877.60	185.24
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*412.87*	
12 35 70 19-0044	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	2,530.51	165.74
		For Locks On Single Drawer And All Doors, Add	*411.70*	
12 35 70 19-0045	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	2,579.29	165.74
		For Locks On Single Drawer And All Doors, Add	*411.70*	
12 35 70 19-0046	EA	48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional)	3,119.42	204.74
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*414.03*	
12 35 70 19-0047	EA	48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional)	3,177.19	204.74
		Note: Includes stainless steel sink and faucet.		
		For Locks On Single Drawer And All Doors, Add	*414.03*	

12 36 Countertops *(12 30)*

12 36 23 Plastic Countertops *(12 36)*

12 36 23 13 Plastic-Laminate-Clad Countertops *(12 36 23)*

12 36 23 13-0001 Plastic Laminate Countertops *(12 36 23 13)*

Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, roundover, bevel, etc.

12 36 23 13-0002	SF	Plastic Laminate Countertop Without Backsplash	15.50	9.75
12 36 23 13-0003	SF	Plastic Laminate Countertop With 4" Backsplash	20.57	9.75
12 36 23 13-0004	LF	Plastic Laminate End Splash For Plastic Laminate Countertops	15.04	2.93
12 36 23 13-0005	EA	Cutout For Sink And/Or Faucet In Plastic Laminate Countertop	81.25	

12 36 61 Simulated Stone Countertops *(12 36)*

12 36 61 16 Solid Surfacing Countertops *(12 36 61)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 61 16-0001		Solid Surface Countertops *(12 36 61 16)*		
12 36 61 16-0002		Solid Surface Countertops *(12 36 61 16-0001)*		
		Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 61 16-0003	SF	1/4" Thick, Color Group "B", Solid Surface Backsplash	32.78	6.50
		Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.		
		For Up To 50, Add	*10.64*	
		For >50 To 100, Add	*6.23*	
		For Group A Color Material, Deduct	*-4.86*	
		For Group C Color Material, Add	*3.24*	
		For Group D Color Material, Add	*12.16*	
12 36 61 16-0004	SF	1/2" Thick, Color Group "B", Solid Surface Countertop Without Backsplash	53.63	9.75
		Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).		
		For Up To 50, Add	*17.11*	
		For >50 To 100, Add	*10.32*	
		For Group A Color Material, Deduct	*-6.14*	
		For Group C Color Material, Add	*4.10*	
		For Group D Color Material, Add	*15.36*	
		For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	*142.55*	
		For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	*180.24*	
		For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	*131.58*	
		For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	*125.41*	
		For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	*180.24*	
		For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	*180.24*	
		For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	*180.24*	
		For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	*180.24*	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add	*162.42*	
		Note: Single or double bowl.		
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add	*282.35*	
		Note: Single or double bowl.		
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add	*378.30*	
		Note: Single or double bowl.		
		For >3 SF Integral Single Basin Kitchen Sink, Add	*409.82*	
		Note: Single or double bowl.		
		For >3 SF Integral Double Basin Kitchen Sink, Add	*409.82*	
12 36 61 16-0005	SF	1/2" Thick, Color Group "B", Solid Surface Countertop With 4" Backsplash	59.48	9.75
		For Up To 50, Add	*18.87*	
		For >50 To 100, Add	*11.49*	
		For Group A Color Material, Deduct	*-6.14*	
		For Group C Color Material, Add	*4.10*	
		For Group D Color Material, Add	*15.36*	
		For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	*142.55*	
		For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	*180.24*	
		For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	*131.58*	
		For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	*125.41*	
		For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	*180.24*	
		For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	*180.24*	
		For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	*180.24*	
		For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	*180.24*	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add	*162.42*	
		Note: Single or double bowl.		
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add	*282.35*	
		Note: Single or double bowl.		
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add	*378.30*	
		Note: Single or double bowl.		
		For >3 SF Integral Single Basin Kitchen Sink, Add	*409.82*	
		Note: Single or double bowl.		
		For >3 SF Integral Double Basin Kitchen Sink, Add	*409.82*	
12 36 61 16-0006	LF	1/2" Thick, Color Group "B", Solid Surface End Splash For Solid Surface Countertops	18.52	4.14
		For Group A Color Material, Deduct	*-3.07*	
		For Group C Color Material, Add	*2.05*	
		For Group D Color Material, Add	*7.68*	
12 36 61 16-0007	EA	Cutout For Sink And/Or Faucet In Solid Surface Countertop	146.24	
12 36 61 19		**Quartz Agglomerate Countertops** *(12 36 61)*		
12 36 61 19-0001		Quartz Agglomerate Countertops *(12 36 61 19)*		
		Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 61 19-0002	SF	3/4" Thick, Quartz Agglomerate Countertop Without Backsplash	79.00	21.45
12 36 61 19-0003	SF	1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash	93.24	21.45
12 36 61 19-0004	SF	3/4" Thick, Quartz Agglomerate Countertop With Backsplash	88.84	24.97
12 36 61 19-0005	SF	1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash	103.07	24.97
12 36 61 19-0006	LF	Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops	14.39	4.14
12 36 61 19-0007	EA	Cutout For Sink And/Or Faucet In Quartz Agglomerate Countertop	146.24	

12 40 Furnishings And Accessories *(12)*

12 41 Office Accessories *(12 40)*

12 41 11 Office Accessories *(12 41)*

12 41 11 00-0001		Wall Mounted Office Accessories *(12 41 11)*		
12 41 11 00-0002	EA	Manual Pencil Sharpener, Wall Mounted	18.12	3.30
12 41 11 00-0003	EA	Wall Mounted Flag	12.77	3.30

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 48 Rugs And Mats *(12 40)*

12 48 13 Entrance Floor Mats And Frames *(12 48)*

12 48 13 13 Entrance Floor Mats *(12 48 13)*

12 48 13 13-0001 Floor Mats *(12 48 13 13)*

12 48 13 13-0002	SF	3/8" Thick Solid Recessable Floor Mat	12.72	2.14
		For Colors, Add	*1.69*	
12 48 13 13-0003	SF	1/2" Thick Solid Recessable Floor Mat	15.32	2.14
		For Colors, Add	*2.21*	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessable Floor Mat	13.37	2.14
		For Colors, Add	*1.82*	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessable Floor Mat	15.97	2.14
		For Colors, Add	*2.34*	

12 48 13 13-0006 Link Mats *(12 48 13 13)*

Note: Includes nosing.

12 48 13 13-0007	SF	3/8" Link Mats, Aluminum	25.86	2.14
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods	13.21	2.14
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats	13.53	2.14
12 48 13 13-0010	SF	Vinyl Link Mats, Color	14.17	2.14
12 48 13 13-0011	LF	Rubber Nosing	4.15	0.94

12 48 13 13-0012 Duckboard *(12 48 13 13)*

12 48 13 13-0013	SF	Aluminum Slats	37.10	2.53
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base	13.69	2.53
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers	14.96	2.53
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick	14.99	2.53
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom	7.65	2.53
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom	9.70	2.53

12 48 13 16 Entrance Floor Mat Frames *(12 48 13)*

12 48 13 16-0001 Recessed Frames *(12 48 13 16)*

12 48 13 16-0002	LF	Aluminum Recessed Embedded Frame	17.97	3.90
12 48 13 16-0003	LF	Bronze Recessed Embedded Frame	15.16	3.90

12 50 Furniture *(12)*

12 59 Systems Furniture *(12 50)*

12 59 13 Panel-Hung Component System Furniture *(12 59)*

12 59 13 00-0001 Panel Hung Furniture, Office Systems *(12 59 13)*

12 59 13 00-0002	EA	Acoustic Panel, 43" High, 24" Wide, NRC .85	345.35	
12 59 13 00-0003	EA	Acoustic Panel, 43" High, 30" Wide, NRC .85	385.39	
12 59 13 00-0004	EA	Acoustic Panel, 43" High, 36" Wide, NRC .85	425.81	
12 59 13 00-0005	EA	Acoustic Panel, 43" High, 48" Wide, NRC .85	510.00	
12 59 13 00-0006	EA	Acoustic Panel, 64" High, 30" Wide, NRC .85	458.37	
12 59 13 00-0007	EA	Acoustic Panel, 64" High, 36" Wide, NRC .85	490.91	
12 59 13 00-0008	EA	Acoustic Panel, 64" High, 42" Wide, NRC .85	569.85	
12 59 13 00-0009	EA	Acoustic Panel, 64" High, 48" Wide, NRC .85	604.28	
12 59 13 00-0010	EA	Acoustic Panel, 64" High, 60" Wide, NRC .85	662.26	
12 59 13 00-0011	EA	Bookshelf, 36" Wide, 13-3/4" Depth, 8" High	159.97	
12 59 13 00-0012	EA	Bookshelf, 42" Wide, 13-3/4" Depth, 16" High	167.82	
12 59 13 00-0013	EA	Bookshelf, 48" Wide, 13-3/4" Depth, 8" High	172.51	
12 59 13 00-0014	EA	Cantilever Bracket, 20" Deep, 24" Deep	53.69	
12 59 13 00-0015	PR	Countertop Bracket, Pair	22.43	
12 59 13 00-0016	EA	Flat Bracket, 20" Deep, 24" Wide	27.70	
12 59 13 00-0017	PR	Worksurface Kit, Pair	22.43	
12 59 13 00-0018	EA	Connector Kit, Ell, 43" High, 90" Deep	96.73	
12 59 13 00-0019	EA	Connector Kit, Ell, 64" High, 90" Deep	56.69	
12 59 13 00-0020	EA	Connector Kit, Straight, 43" High	39.29	
12 59 13 00-0021	EA	Connector Kit, Straight, 64" High	40.59	
12 59 13 00-0022	EA	Support Column For Peninsula, 29-1/2" High	138.83	
12 59 13 00-0023	EA	Countertop, 15" Deep, 36" Wide	182.22	
12 59 13 00-0024	EA	Countertop, 15" Deep, 48" Wide	203.18	
12 59 13 00-0025	EA	Duplex Receptacle Circuit 1	19.84	
12 59 13 00-0026	EA	Duplex Receptacle Circuit 2	19.84	
12 59 13 00-0027	EA	Electric Power Harness, 36" Wide	129.46	
12 59 13 00-0028	EA	Electric Power Harness, 42" Wide	132.75	
12 59 13 00-0029	EA	Electric Power Harness, 60" Wide	136.03	
12 59 13 00-0030	EA	Panel End Cover, 43" High	39.29	
12 59 13 00-0031	EA	Panel End Cover, 64" High	39.29	
12 59 13 00-0032	EA	Finish End Cover, 2-way, Variable Height	59.49	
12 59 13 00-0033	EA	Overhead Cabinet With Door, 42" Wide	374.16	
12 59 13 00-0034	EA	Overhead Cabinet With Door, 60" Wide	568.33	
12 59 13 00-0035	EA	Pedestal Spacer, 22" Deep, 15" Wide	64.36	
12 59 13 00-0036	EA	Pedestal Spacer, 28" Deep, 15" Wide	77.64	
12 59 13 00-0037	EA	Pedestal Box, Box, File, 22" Deep, 26" High	452.40	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0038	EA	Pedestal Box, Box, File, 28" Deep, 26" High	471.82	
12 59 13 00-0039	EA	Pedestal File, File, 22" Deep, 26" High	421.72	
12 59 13 00-0040	EA	Pedestal Lateral File, 2 Drawer, 30" Wide	594.92	
12 59 13 00-0041	EA	Base In Feed Power Cable	237.21	
12 59 13 00-0042	EA	Task Light, Recessed, 30" - 36" Wide	175.50	
12 59 13 00-0043	EA	Task Light, Recessed, 42" - 48" Wide	189.71	
12 59 13 00-0044	EA	Task Light, Recessed, 60" Wide	205.41	
12 59 13 00-0045	EA	Worksurface, Radius Edge, 24" Deep, 36" Wide	188.95	
12 59 13 00-0046	EA	Worksurface, Radius Edge, 24" Deep, 42" Wide	231.99	
12 59 13 00-0047	EA	Worksurface, Radius Edge, 24" Deep, 48" Wide	247.34	
12 59 13 00-0048	EA	Worksurface, Radius Edge, 24" Deep, 60" Wide	310.58	
12 59 13 00-0049	EA	Worksurface, Radius Edge, 24" Deep, 72" Wide	350.97	
12 59 13 00-0050	EA	Worksurface, Radius Edge, 30" Deep, 42" Wide	297.46	
12 59 13 00-0051	EA	Worksurface, Radius Edge, 30" Deep, 60" Wide	347.23	
12 59 13 00-0052	EA	Worksurface, Radius Edge, 30" Deep, 72" Wide	395.12	
12 59 13 00-0053	EA	Worksurface, Radius Edge, Corner 24" Deep, 36" Wide	454.61	
12 59 13 00-0054	EA	Worksurface, Radius Edge, Corner 24" Deep, 42" Wide	516.68	
12 59 13 00-0055	EA	Worksurface, Peninsula, 36" Wide, 66" Long	594.92	

12 59 13 00-0056 Open Office Systems Furniture Components *(12 59 13)*

Note: Excludes electrical wire and wiring devices.

12 59 13 00-0057	EA	34H 24W Fabric Covered Panel - Component Systems Furniture	184.53	19.47
		For Tackable Acoustical Barrier Panel, Add	*31.25*	
		For Acoustical Panel, Add	*33.97*	
		For Enameled Surface, Deduct	*-13.59*	
12 59 13 00-0058	EA	34H 30W Fabric Covered Panel - Component Systems Furniture	205.10	21.67
		For Tackable Acoustical Barrier Panel, Add	*34.73*	
		For Acoustical Panel, Add	*37.76*	
		For Enameled Surface, Deduct	*-15.10*	
12 59 13 00-0059	EA	34H 36W Fabric Covered Panel - Component Systems Furniture	219.30	23.09
		For Tackable Acoustical Barrier Panel, Add	*37.14*	
		For Acoustical Panel, Add	*40.37*	
		For Enameled Surface, Deduct	*-16.15*	
12 59 13 00-0060	EA	34H 48W Fabric Covered Panel - Component Systems Furniture	245.72	25.92
		For Tackable Acoustical Barrier Panel, Add	*41.62*	
		For Acoustical Panel, Add	*45.24*	
		For Enameled Surface, Deduct	*-18.09*	
12 59 13 00-0061	EA	42H 24W Fabric Covered Panel - Component Systems Furniture	187.46	19.76
		For Tackable Acoustical Barrier Panel, Add	*31.75*	
		For Acoustical Panel, Add	*34.51*	
		For Enameled Surface, Deduct	*-13.80*	
12 59 13 00-0062	EA	42H 30W Fabric Covered Panel - Component Systems Furniture	211.93	22.31
		For Tackable Acoustical Barrier Panel, Add	*35.89*	
		For Acoustical Panel, Add	*39.02*	
		For Enameled Surface, Deduct	*-15.61*	
12 59 13 00-0063	EA	42H 36W Fabric Covered Panel - Component Systems Furniture	237.39	25.07
		For Tackable Acoustical Barrier Panel, Add	*40.21*	
		For Acoustical Panel, Add	*43.70*	
		For Enameled Surface, Deduct	*-17.48*	
12 59 13 00-0064	EA	42H 48W Fabric Covered Panel - Component Systems Furniture	279.01	29.39
		For Tackable Acoustical Barrier Panel, Add	*47.25*	
		For Acoustical Panel, Add	*51.36*	
		For Enameled Surface, Deduct	*-20.55*	
12 59 13 00-0065	EA	62H 12W Fabric Covered Panel - Component Systems Furniture	180.62	19.05
		For Tackable Acoustical Barrier Panel, Add	*30.59*	
		For Acoustical Panel, Add	*33.25*	
		For Enameled Surface, Deduct	*-13.30*	
12 59 13 00-0066	EA	62H 24W Fabric Covered Panel - Component Systems Furniture	222.22	23.44
		For Tackable Acoustical Barrier Panel, Add	*37.64*	
		For Acoustical Panel, Add	*40.91*	
		For Enameled Surface, Deduct	*-16.36*	
12 59 13 00-0067	EA	62H 36W Fabric Covered Panel - Component Systems Furniture	278.04	29.32
		For Tackable Acoustical Barrier Panel, Add	*47.09*	
		For Acoustical Panel, Add	*51.18*	
		For Enameled Surface, Deduct	*-20.47*	
12 59 13 00-0068	EA	62H 48W Fabric Covered Panel - Component Systems Furniture	332.83	35.06
		For Tackable Acoustical Barrier Panel, Add	*56.37*	
		For Acoustical Panel, Add	*61.28*	
		For Enameled Surface, Deduct	*-24.51*	
12 59 13 00-0069	EA	34" Draw Rod Panel Connector Hardware	10.08	1.06
12 59 13 00-0070	EA	42" Draw Rod Panel Connector Hardware	10.08	1.06
12 59 13 00-0071	EA	62" Draw Rod Panel Connector Hardware	10.76	1.13
12 59 13 00-0072	EA	34" Two-Way 90 Degree Panel Connector Hardware	46.36	4.89
12 59 13 00-0073	EA	42" Two-Way 90 Degree Panel Connector Hardware	53.75	5.67
12 59 13 00-0074	EA	62" Two-Way 90 Degree Panel Connector Hardware	61.81	6.52
12 59 13 00-0075	EA	34" Three-Way 90 Degree Panel Connector Hardware	71.90	7.57
12 59 13 00-0076	EA	42" Three-Way 90 Degree Panel Connector Hardware	83.32	8.78
12 59 13 00-0077	EA	62" Three-Way 90 Degree Panel Connector Hardware	96.75	10.20
12 59 13 00-0078	EA	34" Four-Way 90 Degree Panel Connector Hardware	90.70	9.56
12 59 13 00-0079	EA	42" Four-Way 90 Degree Panel Connector Hardware	106.16	11.18
12 59 13 00-0080	EA	62" Four-Way 90 Degree Panel Connector Hardware	127.65	13.45
12 59 13 00-0081	EA	34" Panel End Cap Hardware	15.45	1.62
12 59 13 00-0082	EA	42" Panel End Cap Hardware	17.46	1.85
12 59 13 00-0083	EA	62" Panel End Cap Hardware	18.81	1.99
12 59 13 00-0084	EA	28" Variable Height Panel End Filler Note: Field cut to appropriate length.	17.04	1.85
12 59 13 00-0085	EA	Two-Way Trim Cover For Cable Management Raceway	8.78	0.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0086	EA	Three-Way Trim Cover For Cable Management Raceway	9.25	0.99
12 59 13 00-0087	EA	Four-Way Trim Cover For Cable Management Raceway	10.72	1.13
12 59 13 00-0088	EA	Finished End Trim Cover For Cable Management Raceway	8.78	0.92
12 59 13 00-0089	EA	12" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	18.02	1.92
12 59 13 00-0090	EA	24" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	20.47	2.13
12 59 13 00-0091	EA	30" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	20.94	2.20
12 59 13 00-0092	EA	36" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	23.39	2.48
12 59 13 00-0093	EA	48" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	26.29	2.76
12 59 13 00-0094	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface	141.45	14.88
12 59 13 00-0095	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface	174.26	18.35
12 59 13 00-0096	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface	164.47	17.35
12 59 13 00-0097	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface	205.60	21.67
12 59 13 00-0098	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface	207.54	21.89
12 59 13 00-0099	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface	261.39	27.61
12 59 13 00-0100	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface	252.07	26.55
12 59 13 00-0101	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface	316.68	33.35
12 59 13 00-0102	EA	30" x 60" Radiused Edge Table	562.55	59.34
12 59 13 00-0103	EA	30" x 72" Radiused Edge Table	614.78	64.87
12 59 13 00-0104	EA	14" x 24" Radiused Edge Transaction Surface	67.54	7.15
12 59 13 00-0105	EA	14" x 36" Radiused Edge Transaction Surface	76.84	8.07
12 59 13 00-0106	EA	14" x 48" Radiused Edge Transaction Surface	86.15	9.07
12 59 13 00-0107	EA	14" x 60" Radiused Edge Transaction Surface	107.19	11.33
12 59 13 00-0108	EA	14" x 72" Radiused Edge Transaction Surface	128.72	13.60
12 59 13 00-0109	EA	14" Right Angle Corner Transaction Surface	225.17	23.72
12 59 13 00-0110	EA	Transaction Surface Support	17.84	1.88
12 59 13 00-0111	EA	Plastic Pencil Drawer	19.38	1.85
12 59 13 00-0112	EA	15-1/2" x 24" Hanging Shelf	65.77	6.94
12 59 13 00-0113	EA	15-1/2" x 36" Hanging Shelf	71.60	7.50
12 59 13 00-0114	EA	15-1/2" x 48" Hanging Shelf	76.47	8.07
12 59 13 00-0115	EA	24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	113.49	11.97
12 59 13 00-0116	EA	36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	132.49	14.02
12 59 13 00-0117	EA	48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	151.97	16.01
12 59 13 00-0118	EA	24" Suspended Lateral File, Lockable	391.21	41.04
12 59 13 00-0119	EA	30" Suspended Lateral File, Lockable	413.19	43.34
12 59 13 00-0120	EA	36" Suspended Lateral File, Lockable	435.97	45.73
12 59 13 00-0121	EA	48" Suspended Lateral File, Lockable	476.83	50.02
12 59 13 00-0122	EA	Fully Adjustable Vinyl Keyboard Tray	177.31	18.70
12 59 13 00-0123	EA	Palm Rest For Vinyl Keyboard Tray	27.76	2.98
12 59 13 00-0124	EA	24" x 36" Radiused Edge Corner Work Surface	224.01	23.65
12 59 13 00-0125	EA	File Drawer Organizer	72.10	7.57
12 59 13 00-0126	EA	Suspended Lateral File Converter Bracket	15.59	1.62
12 59 13 00-0127	EA	Utility Task Light	77.93	8.22

12 59 13 00-0128 Disassemble And Store Systems Furniture Components *(12 59 13)*

12 59 13 00-0129	EA	Disassemble And Store 34H 24W Fabric Covered Panel	24.33	
12 59 13 00-0130	EA	Disassemble And Store 34H 30W Fabric Covered Panel	27.04	
12 59 13 00-0131	EA	Disassemble And Store 34H 36W Fabric Covered Panel	28.92	
12 59 13 00-0132	EA	Disassemble And Store 34H 48W Fabric Covered Panel	32.41	
12 59 13 00-0133	EA	Disassemble And Store 42H 24W Fabric Covered Panel	24.73	
12 59 13 00-0134	EA	Disassemble And Store 42H 30W Fabric Covered Panel	27.95	
12 59 13 00-0135	EA	Disassemble And Store 42H 36W Fabric Covered Panel	31.31	
12 59 13 00-0136	EA	Disassemble And Store 42H 48W Fabric Covered Panel	36.79	
12 59 13 00-0137	EA	Disassemble And Store 62H 12W Fabric Covered Panel	23.82	
12 59 13 00-0138	EA	Disassemble And Store 62H 24W Fabric Covered Panel	29.31	
12 59 13 00-0139	EA	Disassemble And Store 62H 36W Fabric Covered Panel	36.66	
12 59 13 00-0140	EA	Disassemble And Store 62H 48W Fabric Covered Panel	43.90	
12 59 13 00-0141	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.32	
12 59 13 00-0142	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.32	
12 59 13 00-0143	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	1.41	
12 59 13 00-0144	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	6.12	
12 59 13 00-0145	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	7.09	
12 59 13 00-0146	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	8.16	
12 59 13 00-0147	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	9.48	
12 59 13 00-0148	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	10.98	
12 59 13 00-0149	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	12.76	
12 59 13 00-0150	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	11.96	
12 59 13 00-0151	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	14.00	
12 59 13 00-0152	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	16.83	
12 59 13 00-0153	EA	Disassemble And Store 34" Panel End Cap Hardware	2.04	
12 59 13 00-0154	EA	Disassemble And Store 42" Panel End Cap Hardware	2.31	
12 59 13 00-0155	EA	Disassemble And Store 62" Panel End Cap Hardware	2.48	
12 59 13 00-0156	EA	Disassemble And Store Variable Height Panel End Filler	2.25	
12 59 13 00-0157	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.15	
12 59 13 00-0158	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.22	
12 59 13 00-0159	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	1.41	
12 59 13 00-0160	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway	1.15	
12 59 13 00-0161	EA	Disassemble And Store 12" Cable Management Raceway Assembly	2.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0162	EA	Disassemble And Store 24" Cable Management Raceway Assembly	2.70	
12 59 13 00-0163	EA	Disassemble And Store 30" Cable Management Raceway Assembly	2.76	
12 59 13 00-0164	EA	Disassemble And Store 36" Cable Management Raceway Assembly	3.08	
12 59 13 00-0165	EA	Disassemble And Store 48" Cable Management Raceway Assembly	3.47	
12 59 13 00-0166	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface	18.66	
12 59 13 00-0167	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface	22.98	
12 59 13 00-0168	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface	21.69	
12 59 13 00-0169	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface	27.11	
12 59 13 00-0170	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface	27.37	
12 59 13 00-0171	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface	34.48	
12 59 13 00-0172	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface	33.24	
12 59 13 00-0173	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface	41.77	
12 59 13 00-0174	EA	Disassemble And Store 30" x 60" Radiused Edge Table	64.50	
12 59 13 00-0175	EA	Disassemble And Store 30" x 72" Radiused Edge Table	81.06	
12 59 13 00-0176	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface	8.91	
12 59 13 00-0177	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface	10.13	
12 59 13 00-0178	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface	11.36	
12 59 13 00-0179	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface	14.13	
12 59 13 00-0180	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface	16.97	
12 59 13 00-0181	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface	29.69	
12 59 13 00-0182	EA	Disassemble And Store Transaction Surface Support	2.35	
12 59 13 00-0183	EA	Disassemble And Store Plastic Pencil Drawer	2.32	
12 59 13 00-0184	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf	8.68	
12 59 13 00-0185	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf	9.44	
12 59 13 00-0186	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf	10.08	
12 59 13 00-0187	EA	Disassemble And Store 24" Flipper Door And Shelf	14.97	
12 59 13 00-0188	EA	Disassemble And Store 36" Flipper Door And Shelf	17.47	
12 59 13 00-0189	EA	Disassemble And Store 48" Flipper Door And Shelf	20.04	
12 59 13 00-0190	EA	Disassemble And Store 24" Suspended Lateral File	51.30	
12 59 13 00-0191	EA	Disassemble And Store 30" Suspended Lateral File	54.18	
12 59 13 00-0192	EA	Disassemble And Store 36" Suspended Lateral File	57.17	
12 59 13 00-0193	EA	Disassemble And Store 48" Suspended Lateral File	62.52	
12 59 13 00-0194	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray	23.38	
12 59 13 00-0195	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	29.54	
12 59 13 00-0196	EA	Disassemble And Store Utility Task Light	10.28	

12 59 13 00-0197 Reconfigure Systems Furniture Components *(12 59 13)*

12 59 13 00-0198	EA	Reconfigure 34H 24W Fabric Covered Panel	25.95	
12 59 13 00-0199	EA	Reconfigure 34H 30W Fabric Covered Panel	28.84	
12 59 13 00-0200	EA	Reconfigure 34H 36W Fabric Covered Panel	30.83	
12 59 13 00-0201	EA	Reconfigure 34H 48W Fabric Covered Panel	34.56	
12 59 13 00-0202	EA	Reconfigure 42H 24W Fabric Covered Panel	26.36	
12 59 13 00-0203	EA	Reconfigure 42H 30W Fabric Covered Panel	29.80	
12 59 13 00-0204	EA	Reconfigure 42H 36W Fabric Covered Panel	33.38	
12 59 13 00-0205	EA	Reconfigure 42H 48W Fabric Covered Panel	39.23	
12 59 13 00-0206	EA	Reconfigure 62H 12W Fabric Covered Panel	25.40	
12 59 13 00-0207	EA	Reconfigure 62H 24W Fabric Covered Panel	31.25	
12 59 13 00-0208	EA	Reconfigure 62H 36W Fabric Covered Panel	39.09	
12 59 13 00-0209	EA	Reconfigure 62H 48W Fabric Covered Panel	46.80	
12 59 13 00-0210	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	1.41	
12 59 13 00-0211	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	1.41	
12 59 13 00-0212	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	1.51	
12 59 13 00-0213	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	6.52	
12 59 13 00-0214	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	7.55	
12 59 13 00-0215	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	8.69	
12 59 13 00-0216	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware	10.11	
12 59 13 00-0217	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	11.72	
12 59 13 00-0218	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware	13.60	
12 59 13 00-0219	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware	12.75	
12 59 13 00-0220	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware	14.93	
12 59 13 00-0221	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware	17.95	
12 59 13 00-0222	EA	Reconfigure 34" Panel End Cap Hardware	2.18	
12 59 13 00-0223	EA	Reconfigure 42" Panel End Cap Hardware	2.46	
12 59 13 00-0224	EA	Reconfigure 62" Panel End Cap Hardware	2.65	
12 59 13 00-0225	EA	Reconfigure Variable Height Panel End Filler	2.40	
12 59 13 00-0226	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.23	
12 59 13 00-0227	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway	1.30	
12 59 13 00-0228	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	1.50	
12 59 13 00-0229	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway	1.23	
12 59 13 00-0230	EA	Reconfigure 12" Cable Management Raceway Assembly	2.54	
12 59 13 00-0231	EA	Reconfigure 24" Cable Management Raceway Assembly	2.88	
12 59 13 00-0232	EA	Reconfigure 30" Cable Management Raceway Assembly	2.95	
12 59 13 00-0233	EA	Reconfigure 36" Cable Management Raceway Assembly	3.29	
12 59 13 00-0234	EA	Reconfigure 48" Cable Management Raceway Assembly	3.70	
12 59 13 00-0235	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface	19.89	
12 59 13 00-0236	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface	24.51	
12 59 13 00-0237	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface	23.12	
12 59 13 00-0238	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface	28.91	
12 59 13 00-0239	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface	29.18	
12 59 13 00-0240	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface	36.75	
12 59 13 00-0241	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface	35.45	
12 59 13 00-0242	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface	44.53	
12 59 13 00-0243	EA	Reconfigure 30" x 60" Radiused Edge Table	79.10	
12 59 13 00-0244	EA	Reconfigure 30" x 72" Radiused Edge Table	86.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0245	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface	9.50	
12 59 13 00-0246	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface	10.80	
12 59 13 00-0247	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface	12.12	
12 59 13 00-0248	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface	15.07	
12 59 13 00-0249	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface	18.11	
12 59 13 00-0250	EA	Reconfigure 14" Right Angle Corner Transaction Surface	31.66	
12 59 13 00-0251	EA	Reconfigure Transaction Surface Support	2.50	
12 59 13 00-0252	EA	Reconfigure 15-1/2" x 24" Hanging Shelf	9.25	
12 59 13 00-0253	EA	Reconfigure 15-1/2" x 36" Hanging Shelf	10.07	
12 59 13 00-0254	EA	Reconfigure 15-1/2" x 48" Hanging Shelf	10.75	
12 59 13 00-0255	EA	Reconfigure 24" Flipper Door And Shelf	15.96	
12 59 13 00-0256	EA	Reconfigure 36" Flipper Door And Shelf	18.63	
12 59 13 00-0257	EA	Reconfigure 48" Flipper Door And Shelf	21.37	
12 59 13 00-0258	EA	Reconfigure 24" Suspended Lateral File	54.72	
12 59 13 00-0259	EA	Reconfigure 30" Suspended Lateral File	57.79	
12 59 13 00-0260	EA	Reconfigure 36" Suspended Lateral File	60.98	
12 59 13 00-0261	EA	Reconfigure 48" Suspended Lateral File	66.70	
12 59 13 00-0262	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	31.50	

12 59 16 Free-Standing Component System Furniture *(12 59)*

12 59 16 00-0001 Furniture, Office Systems *(12 59 16)*

12 59 16 00-0002	EA	Desk Top, 24" Deep x 48" Wide	478.38	
12 59 16 00-0003	EA	Desk Top, 30" Deep x 48" Wide	600.75	
12 59 16 00-0004	EA	Desk Top, 30" Deep x 60" Wide	680.99	
12 59 16 00-0005	EA	Desk Top, 30" Deep x 72" Wide	726.65	
12 59 16 00-0006	EA	File, Mobile, 2-Drawer, 22" Deep	634.14	
12 59 16 00-0007	EA	File, Suspended, 2-Drawer, 22" Deep	536.47	
12 59 16 00-0008	EA	File, Undercounter, 2-Drawer, 22" Deep	613.64	
12 59 16 00-0009	EA	File, Undercounter, 2 Box, 1 File, 22" Deep	647.61	
12 59 16 00-0010	EA	Keyboard Platform With Articulating Arm	348.96	
12 59 16 00-0011	EA	End Support Leg	244.16	
12 59 16 00-0012	EA	Modesty Panel, 48" Wide	109.26	
12 59 16 00-0013	EA	Modesty Panel, Return	118.99	
12 59 16 00-0014	EA	Pencil/Utility Drawer	189.83	
12 59 16 00-0015	EA	Privacy Screen, 48" Wide x 17-20" High	318.06	
12 59 16 00-0016	EA	Privacy Screen, 72" Wide x 17-20" High	445.02	
12 59 16 00-0017	EA	Printer Stand, 30" Deep x 36" Wide	671.62	
12 59 16 00-0018	EA	Printer Stand, Universal	886.49	
12 59 16 00-0019	EA	Paper Basket	79.52	
12 59 16 00-0020	EA	Storage Unit With Doors, 60" Wide	1,043.97	
12 59 16 00-0021	EA	Storage Unit With Doors, 72" Wide	1,253.65	
12 59 16 00-0022	EA	Table, Peninsula, 30" x 72"	702.07	
12 59 16 00-0023	EA	Return Table, 24" x 48"	528.98	
12 59 16 00-0024	EA	Round Conference Return, 42" Diameter	594.92	
12 59 16 00-0025	EA	Work Surface, 24" Deep x 48" Wide	367.02	
12 59 16 00-0026	EA	Work Surface, 30" Deep x 30" Wide	347.23	
12 59 16 00-0027	EA	Work Surface, 30" Deep x 60" Wide	486.48	
12 59 16 00-0028	EA	Work Surface, 30" Deep x 72" Wide	510.25	
12 59 16 00-0029	EA	Corner Bridge, 30" x 42"	538.92	
12 59 16 00-0030	EA	Peninsula, 30" x 60"	761.21	
12 59 16 00-0031	EA	Connector Plate	19.85	

12 59 16 00-0032 Herman Miller Systems Furniture *(12 59 16)*

12 59 16 00-0033 Herman Miller Systems Furniture *(12 59 16 00-0032)*

12 59 16 00-0034	EA	Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	184.53	19.47
		For Owner Furnished Material, Deduct	*-135.88*	
12 59 16 00-0035	EA	Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	205.10	21.67
		For Owner Furnished Material, Deduct	*-151.02*	
12 59 16 00-0036	EA	Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	219.30	23.09
		For Owner Furnished Material, Deduct	*-161.48*	
12 59 16 00-0037	EA	Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	245.72	25.92
		For Owner Furnished Material, Deduct	*-180.94*	
12 59 16 00-0038	EA	Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	187.46	19.76
		For Owner Furnished Material, Deduct	*-138.04*	
12 59 16 00-0039	EA	Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	211.93	22.31
		For Owner Furnished Material, Deduct	*-156.06*	
12 59 16 00-0040	EA	Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	237.39	25.07
		For Owner Furnished Material, Deduct	*-174.81*	
12 59 16 00-0041	EA	Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	279.01	29.39
		For Owner Furnished Material, Deduct	*-205.45*	
12 59 16 00-0042	EA	Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	180.62	19.05
		For Owner Furnished Material, Deduct	*-133.00*	
12 59 16 00-0043	EA	Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	180.62	19.05
		For Owner Furnished Material, Deduct	*-133.00*	
12 59 16 00-0044	EA	Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	222.22	23.44
		For Owner Furnished Material, Deduct	*-163.64*	
12 59 16 00-0045	EA	Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	222.22	23.44
		For Owner Furnished Material, Deduct	*-163.64*	
12 59 16 00-0046	EA	Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	278.04	29.32
		For Owner Furnished Material, Deduct	*-204.73*	
12 59 16 00-0047	EA	Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	278.04	29.32
		For Owner Furnished Material, Deduct	*-204.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0048	EA	Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	332.83	35.06
		For Owner Furnished Material, Deduct	*-245.10*	
12 59 16 00-0049	EA	Series 1 Panel Hardware Panel Connector - 34" Herman Miller, AO215.34	10.08	1.06
		For Owner Furnished Material, Deduct	*-7.42*	
12 59 16 00-0050	EA	Series 1 Panel Hardware Panel Connector - 42" Herman Miller, AO215.42	10.08	1.06
		For Owner Furnished Material, Deduct	*-7.42*	
12 59 16 00-0051	EA	Series 1 Panel Hardware Panel Connector - 62" Herman Miller, AO215.62	10.76	1.13
		For Owner Furnished Material, Deduct	*-7.92*	
12 59 16 00-0052	EA	Series 1 Panel Hardware 34" Two-Way 90 Herman Miller, AO220.34-LN	46.36	4.89
		For Owner Furnished Material, Deduct	*-34.14*	
12 59 16 00-0053	EA	Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	53.75	5.67
		For Owner Furnished Material, Deduct	*-39.58*	
12 59 16 00-0054	EA	Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	61.81	6.52
		For Owner Furnished Material, Deduct	*-45.51*	
12 59 16 00-0055	EA	Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	71.90	7.57
		For Owner Furnished Material, Deduct	*-52.94*	
12 59 16 00-0056	EA	Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	83.32	8.78
		For Owner Furnished Material, Deduct	*-61.35*	
12 59 16 00-0057	EA	Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	96.75	10.20
		For Owner Furnished Material, Deduct	*-71.24*	
12 59 16 00-0058	EA	Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	90.70	9.56
		For Owner Furnished Material, Deduct	*-66.79*	
12 59 16 00-0059	EA	Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN	106.16	11.18
		For Owner Furnished Material, Deduct	*-78.17*	
12 59 16 00-0060	EA	Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	127.65	13.45
		For Owner Furnished Material, Deduct	*-94.00*	
12 59 16 00-0061	EA	Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN	15.45	1.62
		For Owner Furnished Material, Deduct	*-11.38*	
12 59 16 00-0062	EA	Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN	17.46	1.85
		For Owner Furnished Material, Deduct	*-12.86*	
12 59 16 00-0063	EA	Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN	18.81	1.99
		For Owner Furnished Material, Deduct	*-13.85*	
12 59 16 00-0064	EA	Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN	17.04	1.85
		For Owner Furnished Material, Deduct	*-12.55*	
12 59 16 00-0065	EA	Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT	8.78	0.92
		For Owner Furnished Material, Deduct	*-6.46*	
12 59 16 00-0066	EA	Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT	9.25	0.99
		For Owner Furnished Material, Deduct	*-6.81*	
12 59 16 00-0067	EA	Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT	10.72	1.13
		For Owner Furnished Material, Deduct	*-7.89*	
12 59 16 00-0068	EA	Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT	8.78	0.92
		For Owner Furnished Material, Deduct	*-6.46*	
12 59 16 00-0069	EA	Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	18.02	1.92
		For Owner Furnished Material, Deduct	*-13.27*	
12 59 16 00-0070	EA	Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	20.47	2.13
		For Owner Furnished Material, Deduct	*-15.07*	
12 59 16 00-0071	EA	Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	20.94	2.20
		For Owner Furnished Material, Deduct	*-15.42*	
12 59 16 00-0072	EA	Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	23.39	2.48
		For Owner Furnished Material, Deduct	*-17.22*	
12 59 16 00-0073	EA	Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	26.29	2.76
		For Owner Furnished Material, Deduct	*-19.36*	
12 59 16 00-0074	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	141.45	14.88
		For Owner Furnished Material, Deduct	*-104.16*	
12 59 16 00-0075	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	141.45	14.88
		For Owner Furnished Material, Deduct	*-104.16*	
12 59 16 00-0076	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	174.26	18.35
		For Owner Furnished Material, Deduct	*-128.32*	
12 59 16 00-0077	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	174.26	18.35
		For Owner Furnished Material, Deduct	*-128.32*	
12 59 16 00-0078	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	164.47	17.35
		For Owner Furnished Material, Deduct	*-121.11*	
12 59 16 00-0079	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	164.47	17.35
		For Owner Furnished Material, Deduct	*-121.11*	
12 59 16 00-0080	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	205.60	21.67
		For Owner Furnished Material, Deduct	*-151.39*	
12 59 16 00-0081	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	205.60	21.67
		For Owner Furnished Material, Deduct	*-151.39*	
12 59 16 00-0082	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	207.54	21.89
		For Owner Furnished Material, Deduct	*-152.83*	
12 59 16 00-0083	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	207.54	21.89
		For Owner Furnished Material, Deduct	*-152.83*	
12 59 16 00-0084	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	261.39	27.61
		For Owner Furnished Material, Deduct	*-192.48*	
12 59 16 00-0085	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	261.39	27.61
		For Owner Furnished Material, Deduct	*-192.48*	
12 59 16 00-0086	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	252.07	26.55
		For Owner Furnished Material, Deduct	*-185.62*	
12 59 16 00-0087	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	252.07	26.55
		For Owner Furnished Material, Deduct	*-185.62*	
12 59 16 00-0088	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	316.68	33.35
		For Owner Furnished Material, Deduct	*-233.20*	
12 59 16 00-0089	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	316.68	33.35
		For Owner Furnished Material, Deduct	*-233.20*	
12 59 16 00-0090	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	489.07	51.56
		For Owner Furnished Material, Deduct	*-360.12*	
12 59 16 00-0091	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	562.55	59.34
		For Owner Furnished Material, Deduct	*-414.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0092	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	534.30	56.30
		For Owner Furnished Material, Deduct	*-393.46*	
12 59 16 00-0093	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	614.78	64.87
		For Owner Furnished Material, Deduct	*-452.65*	
12 59 16 00-0094	EA	Counter Cap 24" Herman Miller, AO450.1424-M8-DT	67.54	7.15
		For Owner Furnished Material, Deduct	*-49.74*	
12 59 16 00-0095	EA	Counter Cap 24" Herman Miller, AO450.1424-OL-DT	67.54	7.15
		For Owner Furnished Material, Deduct	*-49.74*	
12 59 16 00-0096	EA	Counter Cap 36" Herman Miller, AO450.1436-M8-DT	76.84	8.07
		For Owner Furnished Material, Deduct	*-56.58*	
12 59 16 00-0097	EA	Counter Cap 36" Herman Miller, AO450.1436-OL-DT	76.84	8.07
		For Owner Furnished Material, Deduct	*-56.58*	
12 59 16 00-0098	EA	Counter Cap 48" Herman Miller, AO450.1448-M8-DT	86.15	9.07
		For Owner Furnished Material, Deduct	*-63.44*	
12 59 16 00-0099	EA	Counter Cap 48" Herman Miller, AO450.1448-OL-DT	86.15	9.07
		For Owner Furnished Material, Deduct	*-63.44*	
12 59 16 00-0100	EA	Counter Cap 60" Herman Miller, AO450.1460-M8-DT	107.19	11.33
		For Owner Furnished Material, Deduct	*-78.93*	
12 59 16 00-0101	EA	Counter Cap 60" Herman Miller, AO450.1460-OL-DT	107.19	11.33
		For Owner Furnished Material, Deduct	*-78.93*	
12 59 16 00-0102	EA	Counter Cap 72" Herman Miller, AO450.1472-M8-DT	128.72	13.60
		For Owner Furnished Material, Deduct	*-94.79*	
12 59 16 00-0103	EA	Counter Cap 72" Herman Miller, AO450.1472-OL-DT	128.72	13.60
		For Owner Furnished Material, Deduct	*-94.79*	
12 59 16 00-0104	EA	Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	225.17	23.72
		For Owner Furnished Material, Deduct	*-165.80*	
12 59 16 00-0105	EA	Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	225.17	23.72
		For Owner Furnished Material, Deduct	*-165.80*	
12 59 16 00-0106	EA	Pencil Drawer Herman Miller, AO480.DT	19.38	1.85
		For Owner Furnished Material, Deduct	*-14.76*	
12 59 16 00-0107	EA	Shelf 24" Herman Miller, AO520.1324-LN	65.77	6.94
		For Owner Furnished Material, Deduct	*-48.43*	
12 59 16 00-0108	EA	Shelf 36" Herman Miller, AO520.1336-LN	71.60	7.50
		For Owner Furnished Material, Deduct	*-52.72*	
12 59 16 00-0109	EA	Shelf 48" Herman Miller, AO520.1348-LN	76.47	8.07
		For Owner Furnished Material, Deduct	*-56.31*	
12 59 16 00-0110	EA	Flipper Door 24" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860	113.49	11.97
		For Owner Furnished Material, Deduct	*-83.57*	
12 59 16 00-0111	EA	Flipper Door 36" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860	132.49	14.02
		For Owner Furnished Material, Deduct	*-97.56*	
12 59 16 00-0112	EA	Flipper Door 48" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860	151.97	16.01
		For Owner Furnished Material, Deduct	*-111.91*	
12 59 16 00-0113	EA	Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	177.31	18.70
		For Owner Furnished Material, Deduct	*-130.56*	
12 59 16 00-0114	EA	Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	27.76	2.98
		For Owner Furnished Material, Deduct	*-20.44*	
12 59 16 00-0115	EA	Drawer Pedestal Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24	318.67	33.56
		For Owner Furnished Material, Deduct	*-234.64*	
12 59 16 00-0116	EA	Drawer Pedestal Loop Pull Stationary 24D Box /Box/File Herman Miller, PEDDIBBF24	330.16	34.85
		For Owner Furnished Material, Deduct	*-243.12*	
12 59 16 00-0117	EA	Stationary Divider Herman Miller, G5911.19	72.10	7.57
		For Owner Furnished Material, Deduct	*-53.09*	
12 59 16 00-0118	EA	Utility Tray, Herman Miller, G5912	9.25	0.99
		For Owner Furnished Material, Deduct	*-6.81*	
12 59 16 00-0119	EA	File Converter Herman Miller, G5913	15.59	1.62
		For Owner Furnished Material, Deduct	*-11.48*	
12 59 16 00-0120	EA	Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	224.01	23.65
		For Owner Furnished Material, Deduct	*-164.96*	
12 59 16 00-0121	EA	Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	224.01	23.65
		For Owner Furnished Material, Deduct	*-164.96*	
12 59 16 00-0122	EA	Task Light Herman Miller, G6130.24M-LN	77.93	8.22
		For Owner Furnished Material, Deduct	*-57.39*	
12 59 16 00-0123	EA	48" Round With Steel X Base Herman Miller	602.77	63.60
		For Owner Furnished Material, Deduct	*-443.84*	
12 59 16 00-0124	EA	Double Sided Name Plate Herman Miller, MISCPAO375OBKO	30.69	3.26
		For Owner Furnished Material, Deduct	*-22.60*	
12 59 16 00-0125	EA	Single Sided Name Plate Herman Miller, MISCPAO376OBKO	13.42	1.41
		For Owner Furnished Material, Deduct	*-9.88*	

12 59 16 00-0126 Disassemble And Store *(12 59 16 00-0032)*

12 59 16 00-0127	EA	Disassemble And Store Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	24.33
12 59 16 00-0128	EA	Disassemble And Store Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	27.04
12 59 16 00-0129	EA	Disassemble And Store Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	28.92
12 59 16 00-0130	EA	Disassemble And Store Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	32.41
12 59 16 00-0131	EA	Disassemble And Store Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	24.73
12 59 16 00-0132	EA	Disassemble And Store Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	27.95
12 59 16 00-0133	EA	Disassemble And Store Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	31.31
12 59 16 00-0134	EA	Disassemble And Store Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	36.79
12 59 16 00-0135	EA	Disassemble And Store Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	23.82
12 59 16 00-0136	EA	Disassemble And Store Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	23.82
12 59 16 00-0137	EA	Disassemble And Store Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	29.31
12 59 16 00-0138	EA	Disassemble And Store Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	29.31
12 59 16 00-0139	EA	Disassemble And Store Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	36.66
12 59 16 00-0140	EA	Disassemble And Store Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	36.66
12 59 16 00-0141	EA	Disassemble And Store Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	43.90
12 59 16 00-0142	EA	Disassemble And Store Panel Hardware Panel Connector - 34" Series 1. Herman Miller, AO215.34	1.32
12 59 16 00-0143	EA	Disassemble And Store Panel Hardware Panel Connector - 42" Series 1. Herman Miller, AO215.42	1.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0144	EA	Disassemble And Store Panel Hardware Panel Connector - 62" Series 1. Herman Miller, AO215.62	1.41	
12 59 16 00-0145	EA	Disassemble And Store Panel Hardware 34" Two-Way 90 Series 1. Herman Miller, AO220.34-LN	6.12	
12 59 16 00-0146	EA	Disassemble And Store Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	7.09	
12 59 16 00-0147	EA	Disassemble And Store Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	8.16	
12 59 16 00-0148	EA	Disassemble And Store Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	9.48	
12 59 16 00-0149	EA	Disassemble And Store Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	10.98	
12 59 16 00-0150	EA	Disassemble And Store Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	12.76	
12 59 16 00-0151	EA	Disassemble And Store Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	11.96	
12 59 16 00-0152	EA	Disassemble And Store Series 1 Panel Hardware 42" Four-Way90 Herman Miller, AO240.42-LN	14.00	
12 59 16 00-0153	EA	Disassemble And Store Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	16.83	
12 59 16 00-0154	EA	Disassemble And Store Panel Hardware Panel End Cap - 34" Series 1, Herman Miller, AO250.34-LN	2.04	
12 59 16 00-0155	EA	Disassemble And Store Panel Hardware Panel End Cap - 42" Herman Miller, AO250.42-LN	2.31	
12 59 16 00-0156	EA	Disassemble And Store Panel Hardware Panel End Cap - 62" Herman Miller, AO250.62-LN	2.48	
12 59 16 00-0157	EA	Disassemble And Store Panel Hardware Variable Height Filler Herman Miller, AO259.LN	2.25	
12 59 16 00-0158	EA	Disassemble And Store Series 1 Cable Management Two-Way Trim Cover. Herman Miller, AO362.2-DT	1.15	
12 59 16 00-0159	EA	Disassemble And Store Series 1 Cable Management Three-Way Trim Cover. Herman Miller, AO362.3-DT	1.22	
12 59 16 00-0160	EA	Disassemble And Store Series 1 Cable Management Four-Way Trim Cover. Herman Miller, AO362.4-DT	1.41	
12 59 16 00-0161	EA	Disassemble And Store Series 1 Cable Management End Cap Trim Cover. Herman Miller, AO363-DT	1.15	
12 59 16 00-0162	EA	Disassemble And Store Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	2.38	
12 59 16 00-0163	EA	Disassemble And Store Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	2.70	
12 59 16 00-0164	EA	Disassemble And Store Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	2.76	
12 59 16 00-0165	EA	Disassemble And Store Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	3.08	
12 59 16 00-0166	EA	Disassemble And Store Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	3.47	
12 59 16 00-0167	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	18.66	
12 59 16 00-0168	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	18.66	
12 59 16 00-0169	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	22.98	
12 59 16 00-0170	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	22.98	
12 59 16 00-0171	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	21.69	
12 59 16 00-0172	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	21.69	
12 59 16 00-0173	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	27.11	
12 59 16 00-0174	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	27.11	
12 59 16 00-0175	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	27.37	
12 59 16 00-0176	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	27.37	
12 59 16 00-0177	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	34.48	
12 59 16 00-0178	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	34.48	
12 59 16 00-0179	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	33.24	
12 59 16 00-0180	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	33.24	
12 59 16 00-0181	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	41.77	
12 59 16 00-0182	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	41.77	
12 59 16 00-0183	EA	Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	64.50	
12 59 16 00-0184	EA	Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	74.19	
12 59 16 00-0185	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	70.48	
12 59 16 00-0186	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	81.06	
12 59 16 00-0187	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-M8-DT	8.91	
12 59 16 00-0188	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-OL-DT	8.91	
12 59 16 00-0189	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-M8-DT	10.13	
12 59 16 00-0190	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-OL-DT	10.13	
12 59 16 00-0191	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-M8-DT	11.36	
12 59 16 00-0192	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-OL-DT	11.36	
12 59 16 00-0193	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-M8-DT	14.13	
12 59 16 00-0194	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-OL-DT	14.13	
12 59 16 00-0195	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-M8-DT	16.97	
12 59 16 00-0196	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-OL-DT	16.97	
12 59 16 00-0197	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	29.69	
12 59 16 00-0198	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	29.69	
12 59 16 00-0199	EA	Disassemble And Store Pencil Drawer Herman Miller, AO480.DT	2.32	
12 59 16 00-0200	EA	Disassemble And Store Shelf 24" Herman Miller, AO520.1324-LN	8.68	
12 59 16 00-0201	EA	Disassemble And Store Shelf 36" Herman Miller, AO520.1336-LN	9.44	
12 59 16 00-0202	EA	Disassemble And Store Shelf 48" Herman Miller, AO520.1348-LN	10.08	
12 59 16 00-0203	EA	Disassemble And Store Flipper Door 24" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1324-LN-V3860	14.97	
12 59 16 00-0204	EA	Disassemble And Store Flipper Door 36" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1336-LN-V3860	17.47	
12 59 16 00-0205	EA	Disassemble And Store Flipper Door 48" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1348-LN-V3860	20.04	
12 59 16 00-0206	EA	Disassemble And Store Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	23.38	
12 59 16 00-0207	EA	Disassemble And Store Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	3.66	
12 59 16 00-0208	EA	Disassemble And Store Drawer Pedestal Loop Pull Stationary 24D File/File. Herman Miller, PEDDIFF24	42.02	
12 59 16 00-0209	EA	Disassemble And Store Drawer Pedestal Loop Pull Stationary 24D Box /Box/File. Herman Miller, PEDDIBBF24	43.54	
12 59 16 00-0210	EA	Disassemble And Store Stationary Divider Herman Miller, G5911.19	9.51	
12 59 16 00-0211	EA	Disassemble And Store Utility Tray, Herman Miller, G5912	1.22	
12 59 16 00-0212	EA	Disassemble And Store File Converter Herman Miller, G5913	2.06	
12 59 16 00-0213	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	29.54	
12 59 16 00-0214	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	29.54	
12 59 16 00-0215	EA	Disassemble And Store Task Light Herman Miller, G6130.24M-LN	10.28	
12 59 16 00-0216	EA	Disassemble And Store 48" Round With Steel X Base Herman Miller	79.48	
12 59 16 00-0217	EA	Disassemble And Store Double Sided Name Plate Herman Miller, MISCPAO375OBKO	4.05	
12 59 16 00-0218	EA	Disassemble And Store Single Sided Name Plate Herman Miller, MISCPAO376OBKO	1.77	

12 59 16 00-0219 Reconfigure *(12 59 16 00-0032)*

12 59 16 00-0220	EA	Reconfigure Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	28.66	
12 59 16 00-0221	EA	Reconfigure Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	31.86	
12 59 16 00-0222	EA	Reconfigure Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	34.05	
12 59 16 00-0223	EA	Reconfigure Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	38.18	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0224	EA	Reconfigure Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	29.12	
12 59 16 00-0225	EA	Reconfigure Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	32.92	
12 59 16 00-0226	EA	Reconfigure Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	36.87	
12 59 16 00-0227	EA	Reconfigure Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	43.34	
12 59 16 00-0228	EA	Reconfigure Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	28.06	
12 59 16 00-0229	EA	Reconfigure Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	28.06	
12 59 16 00-0230	EA	Reconfigure Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	34.53	
12 59 16 00-0231	EA	Reconfigure Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	34.53	
12 59 16 00-0232	EA	Reconfigure Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	43.19	
12 59 16 00-0233	EA	Reconfigure Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	43.19	
12 59 16 00-0234	EA	Reconfigure Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	51.70	
12 59 16 00-0235	EA	Reconfigure Series 1 Panel Hardware Panel Connector-34" Herman Miller, AO215.34	1.57	
12 59 16 00-0236	EA	Reconfigure Series 1 Panel Hardware Panel Connector-42" Herman Miller, AO215.42	1.57	
12 59 16 00-0237	EA	Reconfigure Series 1 Panel Hardware Panel Connector-62" Herman Miller, AO215.62	1.67	
12 59 16 00-0238	EA	Reconfigure Series 1 Panel Hardware 34" Two-Way 90, Herman Miller, AO220.34-LN	7.20	
12 59 16 00-0239	EA	Reconfigure Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	8.34	
12 59 16 00-0240	EA	Reconfigure Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	9.59	
12 59 16 00-0241	EA	Reconfigure Series 1 Panel Hardware 34"Three-Way 90 Herman Miller, AO230.34-LN	11.17	
12 59 16 00-0242	EA	Reconfigure Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	12.95	
12 59 16 00-0243	EA	Reconfigure Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	15.03	
12 59 16 00-0244	EA	Reconfigure Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	14.09	
12 59 16 00-0245	EA	Reconfigure Series 1 Panel Hardware 42" Four-Way90 Herman Miller, AO240.42-LN	16.50	
12 59 16 00-0246	EA	Reconfigure Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	19.83	
12 59 16 00-0247	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN	2.41	
12 59 16 00-0248	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN	2.71	
12 59 16 00-0249	EA	Reconfigure Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN	2.93	
12 59 16 00-0250	EA	Reconfigure Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN	2.65	
12 59 16 00-0251	EA	Reconfigure Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT	1.36	
12 59 16 00-0252	EA	Reconfigure Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT	1.44	
12 59 16 00-0253	EA	Reconfigure Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT	1.66	
12 59 16 00-0254	EA	Reconfigure Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT	1.36	
12 59 16 00-0255	EA	Reconfigure Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	2.81	
12 59 16 00-0256	EA	Reconfigure Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	3.18	
12 59 16 00-0257	EA	Reconfigure Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	3.26	
12 59 16 00-0258	EA	Reconfigure Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	3.63	
12 59 16 00-0259	EA	Reconfigure Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	4.08	
12 59 16 00-0260	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	21.97	
12 59 16 00-0261	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	21.97	
12 59 16 00-0262	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	27.08	
12 59 16 00-0263	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	27.08	
12 59 16 00-0264	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	25.54	
12 59 16 00-0265	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	25.54	
12 59 16 00-0266	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	31.93	
12 59 16 00-0267	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	31.93	
12 59 16 00-0268	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	32.23	
12 59 16 00-0269	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	32.23	
12 59 16 00-0270	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	40.59	
12 59 16 00-0271	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	40.59	
12 59 16 00-0272	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	39.17	
12 59 16 00-0273	EA	Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	39.17	
12 59 16 00-0274	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	49.19	
12 59 16 00-0275	EA	Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	49.19	
12 59 16 00-0276	EA	Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	75.96	
12 59 16 00-0277	EA	Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	87.38	
12 59 16 00-0278	EA	Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	83.01	
12 59 16 00-0279	EA	Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	95.50	
12 59 16 00-0280	EA	Reconfigure Counter Cap 24" Herman Miller, AO450.1424-M8-DT	10.49	
12 59 16 00-0281	EA	Reconfigure Counter Cap 24" Herman Miller, AO450.1424-OL-DT	10.49	
12 59 16 00-0282	EA	Reconfigure Counter Cap 36" Herman Miller, AO450.1436-M8-DT	11.93	
12 59 16 00-0283	EA	Reconfigure Counter Cap 36" Herman Miller, AO450.1436-OL-DT	11.93	
12 59 16 00-0284	EA	Reconfigure Counter Cap 48" Herman Miller, AO450.1448-M8-DT	13.39	
12 59 16 00-0285	EA	Reconfigure Counter Cap 48" Herman Miller, AO450.1448-OL-DT	13.39	
12 59 16 00-0286	EA	Reconfigure Counter Cap 60" Herman Miller, AO450.1460-M8-DT	16.65	
12 59 16 00-0287	EA	Reconfigure Counter Cap 60" Herman Miller, AO450.1460-OL-DT	16.65	
12 59 16 00-0288	EA	Reconfigure Counter Cap 72" Herman Miller, AO450.1472-M8-DT	20.00	
12 59 16 00-0289	EA	Reconfigure Counter Cap 72" Herman Miller, AO450.1472-OL-DT	20.00	
12 59 16 00-0290	EA	Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	34.98	
12 59 16 00-0291	EA	Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	34.98	
12 59 16 00-0292	EA	Reconfigure Pencil Drawer Herman Miller, AO480.DT	2.72	
12 59 16 00-0293	EA	Reconfigure Shelf 24" Herman Miller, AO520.1324-LN	10.23	
12 59 16 00-0294	EA	Reconfigure Shelf 36" Herman Miller, AO520.1336-LN	11.13	
12 59 16 00-0295	EA	Reconfigure Shelf 48" Herman Miller, AO520.1348-LN	11.88	
12 59 16 00-0296	EA	Reconfigure Flipper Door 24" Keyed between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860	17.63	
12 59 16 00-0297	EA	Reconfigure Flipper Door 36" Keyed between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860	20.58	
12 59 16 00-0298	EA	Reconfigure Flipper Door 48" Keyed between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860	23.60	
12 59 16 00-0299	EA	Reconfigure Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	27.56	
12 59 16 00-0300	EA	Reconfigure Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	4.31	
12 59 16 00-0301	EA	Reconfigure Drawer Pedestal Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24	49.50	
12 59 16 00-0302	EA	Reconfigure Drawer Pedestal Loop Pull Stationary 24D Box/Box/File Herman Miller, PEDDIBBF24	51.28	
12 59 16 00-0303	EA	Reconfigure Stationary Divider Herman Miller, G5911.19	11.20	
12 59 16 00-0304	EA	Reconfigure Utility Tray Herman Miller, G5912	1.44	
12 59 16 00-0305	EA	Reconfigure File Converter Herman Miller, G5913	2.42	
12 59 16 00-0306	EA	Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	34.79	
12 59 16 00-0307	EA	Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	34.79	
12 59 16 00-0308	EA	Reconfigure Task Light Herman Miller, G6130.24M-LN	12.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0309	EA	Reconfigure 48" Round With Steel X Base Herman Miller	93.63	
12 59 16 00-0310	EA	Reconfigure Double Sided Name Plate Herman Miller, MISCPAO375OBKO	4.76	
12 59 16 00-0311	EA	Reconfigure Single Sided Name Plate Herman Miller, MISCPAO376OBKO	2.09	

END OF SECTION 12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

13 Special Construction

13 20 Special Purpose Rooms *(13)*

13 21 Controlled Environment Rooms *(13 20)*

13 21 26 Cold Storage Rooms *(13 21)*

13 21 26 13 Walk-in Coolers *(13 21 26)*

See CSI section 11 41 23 00-0000 for walk-in coolers.

13 40 Integrated Construction *(13)*

13 47 Facility Protection *(13 40)*

13 47 13 Cathodic Protection *(13 47)*

13 47 13 13 Cathodic Protection for Underground and Submerged Piping *(13 47 13)*

13 47 13 13-0001 Anodes *(13 47 13 13)*

13 47 13 13-0002 Magnesium Type, Conventional *(13 47 13 13-0001)*

13 47 13 13-0003	EA	9 LB Magnesium Type Anodes	318.34	140.52
13 47 13 13-0004	EA	17 LB Magnesium Type Anodes	471.46	203.10
13 47 13 13-0005	EA	32 LB Magnesium Type Anode	641.17	261.28
13 47 13 13-0006	EA	48 LB Magnesium Type Anode	911.98	365.57

13 47 13 13-0007 Graphite Type *(13 47 13 13-0001)*

Note: Includes epoxy cap.

13 47 13 13-0008	EA	3" x 60" (32 LB) Graphite Type Anodes With Epoxy Cap	484.39	202.45
13 47 13 13-0009	EA	4" x 80" (68 LB) Graphite Type Anodes With Epoxy Cap	749.21	282.70
13 47 13 13-0010	EA	6" x 36" (45 LB) Graphite Type Anodes With Epoxy Cap	557.51	176.92
13 47 13 13-0011	EA	6" x 72" (80 LB) Graphite Type Anodes With Epoxy Cap	848.24	236.19

13 47 13 13-0012 Rectifiers *(13 47 13 13)*

13 47 13 13-0013 Air Cooled, Silicon Type *(13 47 13 13-0012)*

13 47 13 13-0014	EA	Air Cooled Rectifiers, 28 Volt, 10 Amp Silicon Type	1,457.20	287.28
13 47 13 13-0015	EA	Air Cooled Rectifiers, 20 Volt / 20 Amp Silicon Type	1,567.36	287.28

13 47 13 13-0016 Oil Immersed, Silicon Type *(13 47 13 13-0012)*

13 47 13 13-0017	EA	Oil Immersed Rectifiers, 28 Volt, 10 Amp Silicon Type	2,158.73	332.18
13 47 13 13-0018	EA	Oil Immersed Rectifiers, 20 Volt / 20 Amp Silicon Type	2,276.76	332.18

13 47 13 13-0019 Anode Backfill *(13 47 13 13)*

13 47 13 13-0020	LB	Anode Backfill, Coke Breeze	0.95	0.36

13 47 13 13-0021 Cathodic Protection Cable *(13 47 13 13)*

13 47 13 13-0022	MLF	Cathodic Protection Cable, OR2 - No 8	1,756.38	707.66
13 47 13 13-0023	MLF	Cathodic Protection Cable, OR2 - No 6	1,907.43	707.66
13 47 13 13-0024	MLF	Cathodic Protection Cable, OR2 - No 4	2,133.99	707.66
13 47 13 13-0025	MLF	Cathodic Protection Cable, OR2 - No 2	2,511.59	707.66
13 47 13 13-0026	MLF	Cathodic Protection Cable, OR2 - No 1	3,067.06	779.70
13 47 13 13-0027	MLF	Cathodic Protection Cable, OR2-No 1/0	3,350.26	779.70
13 47 13 13-0028	MLF	Cathodic Protection Cable, OR2-No 2/0	3,822.27	779.70
13 47 13 13-0029	MLF	Cathodic Protection Cable, OR2-No 4/0	5,094.91	849.92

13 47 13 13-0030 Cathodic Test Stations *(13 47 13 13)*

13 47 13 13-0031 Flush Curb Box Type With Lockable Cover And Terminal Box *(13 47 13 13-0030)*

13 47 13 13-0032	EA	Cathodic Test Station, Flush Curb Type With Lockable Cover	245.25	82.79

13 47 13 16 Cathodic Protection For Underground Storage Tanks *(13 47 13)*

See CSI section 13 47 13 13-0000 for cathodic protection for tanks.

13 48 Sound, Vibration, And Seismic Control *(13 40)*

13 48 63 Fabricated Seismic Control Assemblies *(13 48)*

13 48 63 00-0001 Seismic Bracing Assembly *(13 48 63)*

13 48 63 00-0002	EA	4-Bolt Deck Anchor Connection For Seismic Brace Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.	130.76
13 48 63 00-0003	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	123.18
13 48 63 00-0004	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	185.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 48 63 00-0005	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.	239.45	
13 48 63 00-0006	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	229.74	
13 48 63 00-0007	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	341.16	
13 48 63 00-0008	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	452.59	
13 48 63 00-0009	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	150.37	
13 48 63 00-0010	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	222.11	
13 48 63 00-0011	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	293.85	

13 48 63 00-0012 Seismic Restraints *(13 48 63)*

13 48 63 00-0013	EA	1" x 1" Seismic Fastener, Gray, Drilled With 0.187 Diameter Hole Note: Adhesive applied.	3.69	0.97
13 48 63 00-0014	EA	1" x 1" Seismic Fastener, Gray, Adhesive Applied	2.71	0.48
13 48 63 00-0015	EA	1" x 2" Seismic Fastener, Gray, Drilled With (2) 0.187 Diameter Hole Note: Adhesive applied.	4.78	1.22
13 48 63 00-0016	EA	1" x 2" Seismic Fastener, Gray, Adhesive Applied	3.46	0.61
13 48 63 00-0017	EA	2" x 2" Seismic Fastener, Gray, Adhesive Applied	4.35	0.70
13 48 63 00-0018	EA	2" x 3" Seismic Fastener, Gray, Adhesive Applied	7.11	0.85
13 48 63 00-0019	LF	3/4" Wide Seismic Strap, Gray	3.22	0.73
13 48 63 00-0020	LF	1" Wide Seismic Strap, Gray	4.55	0.73
13 48 63 00-0021	EA	3/4" Wide x 4" Long Seismic Strap, Gray	1.62	0.48
13 48 63 00-0022	EA	3/4" Wide x 12" Long Seismic Strap, Gray	6.95	1.46
13 48 63 00-0023	LF	Seismic Chord, Black	2.09	0.73
13 48 63 00-0024	LF	SAFELOK Seismic Fastener, Black	2.65	0.73

13 48 63 00-0025 Seismic Brace Components *(13 48 63)*

13 48 63 00-0026	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-1 Note: To be used with 7x19 stranded cable.	22.85	
13 48 63 00-0027	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-2 Note: To be used with 7x19 stranded cable.	30.37	
13 48 63 00-0028	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-3 Note: To be used with 7x19 stranded cable.	39.40	
13 48 63 00-0029	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-4 Note: To be used with 7x19 stranded cable.	52.93	
13 48 63 00-0030	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-1 Note: To be used with angle or channel.	21.62	
13 48 63 00-0031	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-2 Note: To be used with angle or channel.	28.24	
13 48 63 00-0032	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-3 Note: To be used with angle or channel.	36.28	
13 48 63 00-0033	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-4 Note: To be used with angle or channel.	48.11	
13 48 63 00-0034	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-1 Note: To be used with 7x19 stranded cable.	25.64	
13 48 63 00-0035	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-2 Note: To be used with 7x19 stranded cable.	32.97	
13 48 63 00-0036	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-3 Note: To be used with 7x19 stranded cable.	44.80	
13 48 63 00-0037	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-1 Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	42.90	
13 48 63 00-0038	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-2 Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	59.22	
13 48 63 00-0039	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-3 Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	79.80	
13 48 63 00-0040	EA	Seismic Rod Clamp; Mason SRC-1 Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	18.65	
13 48 63 00-0041	EA	Seismic Rod Clamp; Mason SRC-1 1/2 Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	22.44	
13 48 63 00-0042	EA	Seismic Rod Clamp; Mason SRC-2 Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.	27.64	

13 49 Radiation Protection *(13 40)*

13 49 13 Integrated X-Ray Shielding Assemblies *(13 49)*

13 49 13 00-0001 Lead Shielding *(13 49 13)*

See CSI section 09 29 10 00-0047 for finishing tasks.

13 49 13 00-0002	SF	1/16" Sheet Lead Shielding	34.70	5.85
13 49 13 00-0003	SF	1/8" Sheet Lead Shielding	58.68	6.33
13 49 13 00-0004	SF	1/4" Sheet Lead Shielding	104.13	6.83
13 49 13 00-0005	SF	1/2" Sheet Lead Shielding	198.46	8.78

13 49 16 Modular X-Ray Shielding Rooms *(13 49)*

13 49 16 00-0001 X-Ray Barriers, Modular *(13 49 16)*

Note: Panels mounted within framework for attaching to floor, wall or ceiling, upper portion is clear lead plastic window panels 48" high, lower portion is opaque leaded steel panels 36" high. Excludes structural supports.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 49 16 00-0002		1-Section Barrier, 36"W x 84"H *(13 49 16 00-0001)*		
13 49 16 00-0003	EA	0.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	4,714.04	124.92
13 49 16 00-0004	EA	0.8mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	5,000.21	124.92
13 49 16 00-0005	EA	1.0mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	5,164.63	149.90
13 49 16 00-0006	EA	1.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High	5,508.04	149.90
13 49 16 00-0007		2-Section Barrier, 72"W x 84"H *(13 49 16 00-0001)*		
13 49 16 00-0008	EA	0.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	10,072.19	199.86
13 49 16 00-0009	EA	0.8mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	10,472.82	199.86
13 49 16 00-0010	EA	1.0mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	10,809.00	224.85
13 49 16 00-0011	EA	1.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H	11,660.19	249.83
13 49 16 00-0012		3-Section Barrier, 108"W x 84"H *(13 49 16 00-0001)*		
13 49 16 00-0013	EA	0.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	15,265.89	249.83
13 49 16 00-0014	EA	0.8mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	16,009.93	249.83
13 49 16 00-0015	EA	1.0mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	16,396.03	299.79
13 49 16 00-0016	EA	1.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H	17,590.58	324.78
13 49 16 00-0017		X-Ray Barriers, Mobile *(13 49 16)* Note: Mounted within framework with casters on bottom, clear lead plastic window panels on upper portion, opaque on lower.		
13 49 16 00-0018		30"W x 75"H, Includes Framework *(13 49 16 00-0017)*		
13 49 16 00-0019	EA	24"H Upper With 0.5mm LE, 48"H Lower With 0.8mm LE Mobile X-Ray Barriers	3,196.61	24.38
13 49 16 00-0020		48"W x 75"H, Includes Framework *(13 49 16 00-0017)*		
13 49 16 00-0021	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	5,657.65	24.38
13 49 16 00-0022	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	6,802.32	24.38
13 49 16 00-0023		72"W x 75"H, Includes Framework *(13 49 16 00-0017)*		
13 49 16 00-0024	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	6,687.85	24.38
13 49 16 00-0025	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers	8,462.09	24.38
13 49 19		**Lead-Lined Materials** *(13 49)*		
13 49 19 16		**Lead-Lined Drywall** *(13 49 19)*		
13 49 19 16-0001		Lead Lined Drywall *(13 49 19 16)* See CSI section 09 29 10 00-0047 for finishing tasks.		
13 49 19 16-0002	SF	1/32" Lead Lined 5/8" Fire Rated Drywall	17.29	1.28
13 49 19 16-0003	SF	1/16" Lead Lined 5/8" Fire Rated Drywall	31.03	1.53
13 49 19 16-0004	SF	1/8" Lead Lined 5/8" Fire Rated Drywall	58.09	1.84

END OF SECTION 13

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 Conveying Equipment

14 01 Operation And Maintenance Of Conveying Equipment *(14)*

14 01 20 Operation And Maintenance Of Elevators *(14 01)*

14 01 20 71 Elevator Rehabilitation *(14 01 20)*

14 01 20 71-0001 Elevator Maintenance *(14 01 20 71)*

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit)	337.10
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit)	505.65
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit)	337.10
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit)	337.10
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit)	337.10
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only	160.78
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only	321.57
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors	1,188.71
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors	1,188.71
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator	1,188.71
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator	1,188.71
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts	891.53
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors	2,377.40
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors	2,377.40
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator	2,377.40
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator	2,377.40
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts	1,783.06
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors	1,841.78
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors	1,841.78
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator	1,841.78
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator	1,841.78
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts	1,841.78

14 01 20 71-0024 Elevator Modernization *(14 01 20 71)*

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	24,788.75	7,263.48
		For Union-Guard Cathotic Protection, Add *Note: Includes Pump.*	*6,169.66*	
		For An Additional Stop, Add *Note: Includes Removal.*	*7,285.10*	
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	28,032.12	8,776.71
		For Union-Guard Cathotic Protection, Add *Note: Includes Pump.*	*6,223.26*	
		For An Additional Stop, Add *Note: Includes Removal.*	*7,668.10*	
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.	36,867.65	12,105.81
		For Union-Guard Cathotic Protection, Add *Note: Includes Pump.*	*7,080.86*	
		For An Additional Stop, Add *Note: Includes Removal.*	*9,531.10*	
14 01 20 71-0028	EA	Replace Multi-Port Controller Valve	4,094.16	1,815.88
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization	34.04	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization	337.41	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four Note: Includes cover plate.	2,924.33	605.29
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four Note: Includes cover plate.	2,577.00	605.29
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish Note: Excludes buildback.	6,051.55	
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish Note: Excludes buildback.	6,480.35	
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish Note: Excludes buildback.	6,327.05	
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish Note: Excludes buildback.	6,755.85	
14 01 20 71-0037	SF	Cab Flooring, Epoxy Aggregate Note: SF cost not applicable for partial cab flooring.	67.97	17.30
14 01 20 71-0038	SF	Cab Flooring, Aluminum Diamond Plate Note: SF cost not applicable for partial cab flooring.	60.36	17.30
14 01 20 71-0039	EA	Solid State Starting (Soft Start)	4,495.88	605.29
14 01 20 71-0040	EA	Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings)	16,583.36	3,026.45
14 01 20 71-0041	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL)	1,953.10	605.29
14 01 20 71-0042	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL)	384.12	302.65
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL)	350.89	302.65
14 01 20 71-0044	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL)	457.02	302.65
14 01 20 71-0045	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL)	2,121.40	605.29
14 01 20 71-0046	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL)	465.59	302.65
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL)	350.89	302.65
14 01 20 71-0048	EA	Hoistway Door Interlock Set, Single Speed Center Opening (GAL)	533.13	302.65
14 01 20 71-0049	EA	Fire Service Key Switch Controller	2,791.40	605.29
14 01 20 71-0050	EA	ADA Telephone (Rath Microtech)	1,342.10	302.65
14 01 20 71-0051	EA	Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL)	6,172.38	1,210.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0052	EA	Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL)	6,311.74	1,210.58
14 01 20 71-0053	EA	Car Door Safety Edge (Infrared Proximity Type Edge)	1,386.05	302.65
14 01 20 71-0054	EA	Car Operating Panel (ADA, Fire, Position, Chime)	6,204.54	1,210.58
14 01 20 71-0055	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	1,711.94	302.65
14 01 20 71-0056	EA	Car Traveling Lanterns With Audible Signal	1,229.54	302.65
14 01 20 71-0057	EA	Hoistway Door Jamb Floor Tags (Braille)	189.91	151.32
14 01 20 71-0058	EA	Lobby Vandal Resistant Call Station	1,175.94	302.65
14 01 20 71-0059	LF	Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0060 for Removal and Replacement of Traveling Cable.	12.39	
14 01 20 71-0060	EA	Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0059 for Traveling Cable material.	4,842.33	2,421.16
14 01 20 71-0061	LF	Governor Cable Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.	0.96	
14 01 20 71-0062	EA	Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels)	3,959.88	605.29
14 01 20 71-0063	EA	Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels)	5,889.48	605.29
14 01 20 71-0064	EA	Removal And Replacement Of Governor	3,766.92	605.29
14 01 20 71-0065	EA	Removal And Replacement Of Car Station	6,204.54	1,210.58
14 01 20 71-0066	EA	Removal And Replacement Of Telephone	1,342.10	302.65
14 01 20 71-0067	EA	Removal And Replacement Of Lanterns (Hall)	1,283.14	302.65
14 01 20 71-0068	EA	Hall Call Buttons, Vandal Resistant	1,122.34	302.65
14 01 20 71-0069	EA	Hall Traveling Lanterns With Audible Signal	1,283.14	302.65
14 01 20 71-0070	EA	Add Raised Character (Braille) Signage To Control Panel	163.86	151.32
14 01 20 71-0071	EA	New Microprocessor Based Controller (Non-Proprietary)	27,631.48	4,842.33
14 01 20 71-0072	EA	New Steel Shell And Canopy (Plastic Panels Not Included), For 5' x 7' Cab	17,983.48	4,842.33
14 01 20 71-0073	EA	New Steel Shell, Canopy And Platform (Plastic Laminate Not Included), For 5' x 7' Cab	28,185.81	4,842.33
14 01 20 71-0074	EA	Replace Elevator Or Hoistway Doors (Single Slide Door Arrangment), Baked Enamel	2,459.08	605.29
14 01 20 71-0075	EA	Replace Elevator Or Hoistway Doors (Center Opening Door Arrangment), Baked Enamel	2,566.28	605.29
14 01 20 71-0076	EA	Replace Elevator Or Hoistway Doors (Single Slide Door Arrangment), Stainless Steel	2,684.20	605.29
14 01 20 71-0077	EA	Replace Elevator Or Hoistway Doors (Center Opening Door Arrangment), Stainless Steel	2,812.84	605.29
14 01 20 71-0078	EA	Elevator Pit Ladder, Steel Note: Labor cost is for bolting to concrete pit wall.	1,443.94	302.65
14 01 20 71-0079	EA	New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab	34,894.97	4,842.33
14 01 20 71-0080	LF	Replace Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	122.01	60.53
14 01 20 71-0081	LF	Replace Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	122.39	60.53
14 01 20 71-0082	LF	Replace Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	122.73	60.53
14 01 20 71-0083	EA	Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP)	6,133.90	605.29
14 01 20 71-0084	EA	6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	2,780.68	605.29
14 01 20 71-0085	EA	8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	2,834.28	605.29
14 01 20 71-0086	EA	10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	2,887.88	605.29
14 01 20 71-0087	EA	12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	2,952.20	605.29
14 01 20 71-0088	EA	"Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable	5,567.88	605.29
14 01 20 71-0089	EA	"Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable	5,567.88	605.29
14 01 20 71-0090	EA	"Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable	7,711.88	605.29
14 01 20 71-0091	EA	"Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable	8,783.88	605.29
14 01 20 71-0092	EA	60 Amp Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	3,124.31	152.89
14 01 20 71-0093	EA	100 Amp Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	3,284.36	183.46
14 01 20 71-0094	EA	200 Amp Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	4,365.28	214.04
14 01 20 71-0095	EA	Aluminum Handrail Spacers With Set Screw	173.59	151.32
14 01 20 71-0096	EA	Bronze Handrail Spacers With Set Screw	176.55	151.32
14 01 20 71-0097	LF	1/2" x 2" Round Stainless Steel Elevator Handrail	110.34	35.61
14 01 20 71-0098	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	106.84	35.61
14 01 20 71-0099	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	123.18	35.61
14 01 20 71-0100	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	134.24	35.61
14 01 20 71-0101	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	150.71	35.61
14 01 20 71-0102	LF	3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	125.24	35.61
14 01 20 71-0103	LF	3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	139.78	35.61
14 01 20 71-0104	LF	3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	206.47	35.61
14 01 20 71-0105	LF	3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	229.54	35.61
14 01 20 71-0106	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	106.29	35.61
14 01 20 71-0107	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	107.18	35.61
14 01 20 71-0108	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	131.33	35.61
14 01 20 71-0109	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	124.21	35.61
14 01 20 71-0110	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	131.80	35.61
14 01 20 71-0111	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	160.11	35.61
14 01 20 71-0112	LF	3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	127.81	35.61
14 01 20 71-0113	LF	3/8" x 2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	130.26	35.61
14 01 20 71-0114	LF	3/8" x 2-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	204.74	35.61
14 01 20 71-0115	LF	3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Mirror Finish	141.19	35.61
14 01 20 71-0116	LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	205.21	35.61
14 01 20 71-0117	LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	229.54	35.61

14 01 30 Operation And Maintenance Of Escalators And Moving Walks
(14 01)

14 01 30 71 Escalators and Moving Walks Rehabilitation *(14 01 30)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 30 71-0001		Maintenance *(14 01 30 71)*		
14 01 30 71-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit)	681.11	
14 01 30 71-0003	HR	Escalator Servicing, Labor Only	160.78	
14 01 30 71-0004	EA	Acceptance Test Of Escalators And Moving Walks	3,746.07	
14 01 30 71-0005		Modernization *(14 01 30 71)*		
14 01 30 71-0006	EA	Replace 28" Wide Escalator Stair Tread	1,699.70	
14 01 30 71-0007	EA	Replace 36" Wide Escalator Stair Tread	1,823.10	
14 01 30 71-0008	EA	Replace 48" Wide Escalator Stair Tread	1,914.25	
14 01 30 71-0009	EA	Replace 54" Wide Escalator Stair Tread	2,065.51	
14 01 30 71-0010	LF	Replace Sliding Handrail	158.94	

14 20 Elevators *(14)*

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators *(14 20)*

14 21 13 Electric Traction Freight Elevators *(14 21)*

14 21 13 00-0001		Electric Traction Freight Elevators *(14 21 13)* Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.	
14 21 13 00-0002	EA	Electric Traction Freight Elevator, 4,000 LB x 200 FPM	343,824.05
		For Each Opening With Bonderized Steel Door, Add	*200.00*
		For Each Opening With Stainless Steel Doors, Add	*500.00*
		For Each Opening With Two Speed Doors, Add	*500.00*
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*
		For Stainless Steel Cab Interior, Add	*8,000.00*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-2" Loading, Add	*2,000.00*
		For Removal Of Existing Stop, Add	*7,532.43*
		For Each Additional Stop, Add	*32,847.21*
		For Each Floor < 6 Stops, Deduct	*-28,123.31*
		For Each Additional 50 FPM, Add	*6,000.00*
		For Removal Of Existing Elevator, Add	*37,662.17*
14 21 13 00-0003	EA	Electric Traction Freight Elevator, 6,000 LB x 200 FPM	388,314.19
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-2" Loading, Add	*4,000.00*
		For Custom Plastic Laminated Cab Interiors, Add	*5,000.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,000.00*
		For Stainless Steel Cab Interior, Add	*9,000.00*
		For Removal Of Existing Stop, Add	*7,532.43*
		For Each Additional Stop, Add	*33,831.09*
		For Each Additional 50 FPM, Add	*6,000.00*
		For Each Opening With Bonderized Steel Door, Add	*300.00*
		For Each Opening With Stainless Steel Doors, Add	*600.00*
		For Each Opening With Two Speed Doors, Add	*700.00*
		For Removal Of Existing Elevator, Add	*37,662.17*
		For Each Floor < 6 Stops, Deduct	*-29,123.31*
14 21 13 00-0004	EA	Electric Traction Freight Elevator, 8,000 LB x 200 FPM	412,985.73
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Each Additional 50 FPM, Add	*10,000.00*
		For Class "C-2" Loading, Add	*8,000.00*
		For Removal Of Existing Stop, Add	*7,532.43*
		For Each Additional Stop, Add	*33,831.09*
		For Each Opening With Bonderized Steel Door, Add	*400.00*
		For Each Opening With Stainless Steel Doors, Add	*700.00*
		For Each Opening With Two Speed Doors, Add	*800.00*
		For Custom Plastic Laminated Cab Interiors, Add	*6,000.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*8,000.00*
		For Stainless Steel Cab Interior, Add	*10,000.00*
		For Removal Of Existing Elevator, Add	*37,662.17*
		For Each Floor < 6 Stops, Deduct	*-29,123.31*

14 21 23 Electric Traction Passenger Elevators *(14 21)*

14 21 23 13 Machine Room Electric Traction Passenger Elevators *(14 21 23)*

14 21 23 13-0001		Electric Traction Passenger Elevators *(14 21 23 13)* Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.	
14 21 23 13-0002	EA	Electric Traction Passenger Elevator, 2,500 LB x 200 FPM	279,082.26
		For Each Opening With Bonderized Steel Door, Add	*200.00*
		For Each Opening With Stainless Steel Doors, Add	*500.00*
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*
		For Stainless Steel Cab Interior, Add	*8,000.00*
		For Each Additional 50 FPM, Add	*1,000.00*
		For Removal Of Existing Stop, Add	*3,769.44*
		For Each Additional Stop, Add	*32,847.21*
		For Each Floor < 6 Stops, Deduct	*-19,423.57*
		For Removal Of Existing Elevator, Add	*28,270.82*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	14 21 23 13-0003	EA	Electric Traction Passenger Elevator, 3,000 LB x 200 FPM	280,667.74	
			For Each Opening With Bonderized Steel Door, Add	*200.00*	
			For Each Opening With Stainless Steel Doors, Add	*500.00*	
			For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
			For Stainless Steel Cab Interior, Add	*8,000.00*	
			For Each Additional 50 FPM, Add	*1,000.00*	
			For Removal Of Existing Stop, Add	*3,769.44*	
			For Each Additional Stop, Add	*32,847.21*	
			For Each Floor < 6 Stops, Deduct	*-19,423.57*	
			For Removal Of Existing Elevator, Add	*28,270.82*	
	14 21 23 13-0004	EA	Electric Traction Passenger Elevator, 3,500 LB x 200 FPM	282,209.28	
			For Each Opening With Bonderized Steel Door, Add	*200.00*	
			For Each Opening With Stainless Steel Doors, Add	*500.00*	
			For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
			For Stainless Steel Cab Interior, Add	*8,000.00*	
			For Each Additional 50 FPM, Add	*1,000.00*	
			For Removal Of Existing Stop, Add	*3,769.44*	
			For Each Additional Stop, Add	*32,847.21*	
			For Each Floor < 6 Stops, Deduct	*-19,423.57*	
			For Removal Of Existing Elevator, Add	*28,270.82*	

14 24 Hydraulic Elevators *(14 20)*

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators *(14 24)*

14 24 13 00-0001 Hydraulic Freight Elevators *(14 24 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

14 24 13 00-0002	EA	Hydraulic Freight Elevator, 4,000 LB x 50 FPM	181,549.57	
		For Each Additional Stop, Add	*17,760.74*	
		For < 3 Stops, Deduct	*-14,000.00*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*2,000.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-2" Loading, Add	*2,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,532.43*	
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 5,000 LB x 50 FPM	185,837.57	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Each Additional 50 FPM, Add	*2,000.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*18,760.74*	
		For < 3 Stops, Deduct	*-15,000.00*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Class "C-2" Loading, Add	*4,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,532.43*	
14 24 13 00-0004	EA	Hydraulic Freight Elevator, 6,000 LB x 50 FPM	196,299.11	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*18,760.74*	
		For < 3 Stops, Deduct	*-15,000.00*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Each Additional 50 FPM, Add	*10,000.00*	
		For Class "C-2" Loading, Add	*8,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,532.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0005	EA	Hydraulic Freight Elevator, 8,000 LB x 50 FPM	208,904.65	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*18,760.74*	
		For < 3 Stops, Deduct	*-15,000.00*	
		Note: Would be holeless hydraulic at 2 stops.		
		For Custom Plastic Laminated Cab Interiors, Add	*5,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,000.00*	
		For Stainless Steel Cab Interior, Add	*9,000.00*	
		For Each Additional 50 FPM, Add	*11,000.00*	
		For Class "C-2" Loading, Add	*10,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*7,532.43*	

14 24 13 00-0006 Hydraulic Elevators Piston Drilling *(14 24 13)*

14 24 13 00-0007	VLF	Up To 6" Diameter Piston Drilling	71.33
		Note: Includes casing.	
14 24 13 00-0008	VLF	8" To 10" Diameter Piston Drilling	84.66
		Note: Includes casing.	

14 24 23 Hydraulic Passenger Elevators *(14 24)*

14 24 23 00-0001 Hydraulic Passenger Elevators *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.

14 24 23 00-0002	EA	Hydraulic Passenger Elevator, 2,100 LB x 100 FPM	119,182.78
		For Each Additional Stop, Add	*17,760.74*
		For Each Opening With Bonderized Steel Door, Add	*200.00*
		For Each Opening With Stainless Steel Doors, Add	*500.00*
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*
		For Stainless Steel Cab Interior, Add	*8,000.00*
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*
		Note: Includes Labor and Equipment.	
		For 12" Steel Liner, Add	*90.00*
		Note: Liner for Hydraulic Elevator Well Hole if necessary.	
		For Each Additional 50 FPM, Add	*1,000.00*
		For Removal Of Existing Elevator, Add	*18,811.06*
		For Removal Of Existing Stop, Add	*3,769.44*
		For < 3 Stops, Deduct	*-10,000.00*
		Note: Would be holeless hydraulic at 2 stops.	
14 24 23 00-0003	EA	Hydraulic Passenger Elevator, 2,500 LB x 100 FPM	121,326.78
		For Each Additional Stop, Add	*17,760.74*
		For Each Opening With Bonderized Steel Door, Add	*200.00*
		For Each Opening With Stainless Steel Doors, Add	*500.00*
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*
		For Stainless Steel Cab Interior, Add	*8,000.00*
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*
		Note: Includes Labor and Equipment.	
		For 12" Steel Liner, Add	*90.00*
		Note: Liner for Hydraulic Elevator Well Hole if necessary.	
		For Each Additional 50 FPM, Add	*1,000.00*
		For Removal Of Existing Elevator, Add	*18,811.06*
		For Removal Of Existing Stop, Add	*3,769.44*
		For < 3 Stops, Deduct	*-10,000.00*
		Note: Would be holeless hydraulic at 2 stops.	
14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3,500 LB x 100 FPM	128,572.33
		For Each Additional Stop, Add	*17,760.74*
		For Each Opening With Bonderized Steel Door, Add	*200.00*
		For Each Opening With Stainless Steel Doors, Add	*500.00*
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*
		For Stainless Steel Cab Interior, Add	*8,000.00*
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*
		Note: Includes Labor and Equipment.	
		For 12" Steel Liner, Add	*90.00*
		Note: Liner for Hydraulic Elevator Well Hole if necessary.	
		For Each Additional 50 FPM, Add	*1,000.00*
		For Removal Of Existing Elevator, Add	*18,811.06*
		For Removal Of Existing Stop, Add	*3,769.44*
		For < 3 Stops, Deduct	*-10,000.00*
		Note: Would be holeless hydraulic at 2 stops.	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0005	EA	Hydraulic Passenger Elevator, 5,000 LB x 100 FPM	132,001.25	
		For Each Additional Stop, Add	*17,760.74*	
		For Each Opening With Bonderized Steel Door, Add	*200.00*	
		For Each Opening With Stainless Steel Doors, Add	*500.00*	
		For Each Opening With Two Speed Doors, Add	*500.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,000.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,000.00*	
		For Stainless Steel Cab Interior, Add	*8,000.00*	
		For Well Hole Drilling (12" Diameter Hole), Add	*170.00*	
		Note: Includes Labor and Equipment.		
		For 12" Steel Liner, Add	*90.00*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*1,000.00*	
		For Removal Of Existing Elevator, Add	*18,811.06*	
		For Removal Of Existing Stop, Add	*3,769.44*	
		For < 3 Stops, Deduct	*-10,000.00*	
		Note: Would be holeless hydraulic at 2 stops.		

14 24 23 00-0006 Twin Jack Holeless Hydraulic Passenger Elevator *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminated trimmed cab. Excludes flooring, shaft construction/alterations, pit or mechanical room construction. Connect to established utilities.

14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 3 Stops, 3 Openings	66,089.10	8,557.93
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 2 Stops, 2 Openings	50,237.83	7,311.87

14 26 Limited-Use/Limited-Application Elevators *(14 20)*

14 26 00 00-0001 Small Elevators (LULA) *(14 26)*

14 26 00 00-0002	EA	Small Elevators (LULA), 1,400 LB x 30 FPM Note: 3 phase, automatic operation, includes cab interior, telephone box and telephone. 2 stops and 12 feet of rise.	60,617.86	
		For Each Additional Stop, Add	*16,649.32*	
		For Removal Of Existing Elevator, Add	*5,649.32*	

14 30 Escalators And Moving Walks *(14)*

14 31 Escalators *(14 30)*

14 31 00 00-0001 Escalators Stainless Steel Construction *(14 31)*

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA	Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height	137,393.22	11,170.91
14 31 00 00-0003	EA	Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height	152,044.11	13,201.98
14 31 00 00-0004	EA	Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height	165,546.48	15,233.06
14 31 00 00-0005	EA	Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height	182,860.69	18,279.67
14 31 00 00-0006	EA	Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height	201,954.42	20,310.74
14 31 00 00-0007	EA	Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height	145,322.18	11,881.79
14 31 00 00-0008	EA	Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height	161,101.35	14,217.52
14 31 00 00-0009	EA	Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height	174,581.27	16,248.60
14 31 00 00-0010	EA	Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height	196,547.22	20,412.30
14 31 00 00-0011	EA	Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height	211,871.50	21,935.60
14 31 00 00-0012	EA	Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height	153,576.28	12,592.66
14 31 00 00-0013	EA	Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height	170,752.07	15,233.06
14 31 00 00-0014	EA	Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height	183,851.21	17,264.14
14 31 00 00-0015	EA	Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height	211,146.22	21,529.39
14 31 00 00-0016	EA	Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height	224,136.77	23,560.47
14 31 00 00-0017	EA	Escalator Fire Shutter Fusible Link	20,453.65	406.22

14 40 Lifts *(14)*

14 42 Wheelchair Lifts *(14 40)*

14 42 13 Inclined Wheelchair Lifts *(14 42)*

14 42 13 00-0001 Chair Lift-Stair Climber *(14 42 13)*

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	4,241.21	510.83

14 42 16 Vertical Wheelchair Lifts *(14 42)*

14 42 16 00-0001 Shorty Wheelchair Lift *(14 42 16)*

14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	7,607.85	340.55
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	8,061.92	454.07
		For 2,000 LB Capacity, Add	*600.00*	
		For 3,000 LB Capacity, Add	*1,000.00*	
		For 4,000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	10,837.78	567.59
		For 2,000 LB Capacity, Add	*600.00*	
		For 3,000 LB Capacity, Add	*1,000.00*	
		For 4,000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	11,998.68	567.59
		For 2,000 LB Capacity, Add	*600.00*	
		For 3,000 LB Capacity, Add	*1,000.00*	
		For 4,000 LB Capacity, Add	*1,500.00*	
		For Accordion Safety Skirt, Add	*998.00*	
		For Removable Handrails, Add	*100.00*	
		For Power Operated Ramp, Add	*885.00*	
14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift Note: 500 LB capacity, interior installation.	13,757.45	567.59

14 90 Other Conveying Equipment *(14)*

14 91 Facility Chutes *(14 90)*

14 91 82 Trash Chutes *(14 91)*

14 91 82 00-0001 Trash Chutes *(14 91 82)*

14 91 82 00-0002	LF	18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	23.53	3.90
		For Aluminum, Add	*1.61*	
		For Stainless Steel, Add	*5.63*	
14 91 82 00-0003	LF	24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	29.86	3.90
		For Aluminum, Add	*2.18*	
		For Stainless Steel, Add	*7.62*	
14 91 82 00-0004	LF	30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	32.89	4.87
		For Aluminum, Add	*2.41*	
		For Stainless Steel, Add	*8.45*	
14 91 82 00-0005	LF	36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports	49.23	4.87
		For Aluminum, Add	*3.97*	
		For Stainless Steel, Add	*13.91*	
14 91 82 00-0006	EA	Trash Chutes, Hopper	457.18	27.26
		For Aluminum, Add	*40.23*	
		For Stainless Steel, Add	*140.81*	
14 91 82 00-0007	EA	Trash Chutes, Skylight	247.27	53.54
		For Aluminum, Add	*13.99*	
		For Stainless Steel, Add	*48.98*	
14 91 82 00-0008	EA	Trash Chutes, Sprinkler Unit At Top	184.66	58.41
		For Aluminum, Add	*6.12*	
		For Stainless Steel, Add	*21.43*	
14 91 82 00-0009	EA	Trash Chutes, Sprinkler Unit At Intake Hopper	51.65	20.44
		For Aluminum, Add	*1.05*	
		For Stainless Steel, Add	*3.68*	
14 91 82 00-0010	EA	Refuse Type Bottom Storage Hopper Unit	413.18	73.01
		For Aluminum, Add	*25.89*	
		For Stainless Steel, Add	*90.61*	
14 91 82 00-0011	EA	Hopper Doors	887.73	57.86

14 91 82 00-0012 Aluminized Steel Trash Chutes And Accessories *(14 91 82)*

Note: Includes sprinklers. Includes smoke/shut down dampers per floor, chute opening doors per floor, base chute damper. Complete.

14 91 82 00-0013	EA	Refuse Bottom Hopper, Aluminum , 18" Diameter	2,466.10	257.14
14 91 82 00-0014	FLR	18" Diameter Trash Chutes And With Sprinklers Aluminized Steel	590.09	273.11
14 91 82 00-0015	FLR	24" Diameter Trash Chutes And With Sprinklers Aluminized Steel	673.12	298.74
14 91 82 00-0016	FLR	30" Diameter Trash Chutes And With Sprinklers Aluminized Steel	743.35	318.61
14 91 82 00-0017	FLR	36" Diameter Trash Chutes And With Sprinklers Aluminized Steel	806.55	341.37
14 91 82 00-0018	EA	Refuse Bottom Hopper, 36" Aluminized Steel, With Sprinklers	714.36	318.61

14 92 Pneumatic Tube Systems *(14 90)*

14 92 00 00-0001 Pneumatic Tube Station; Swisslog *(14 92)*

14 92 00 00-0002	LF	4" Pneumatic Tube	52.93	15.67
14 92 00 00-0003	LF	6" Pneumatic Tube	66.32	19.58
14 92 00 00-0004	EA	4" 90 Degree Bend	237.70	34.27
14 92 00 00-0005	EA	6" 90 Degree Bend	328.09	39.18
14 92 00 00-0006	EA	4" PRV Bend	291.28	51.42
14 92 00 00-0007	EA	6" PRV Bend	403.59	58.76
14 92 00 00-0008	EA	Vacuum Bypass Valve	1,696.04	244.85
14 92 00 00-0009	EA	Blower Assembly For 4" Tube	15,302.32	489.70
14 92 00 00-0010	EA	Blower Assembly For 6" Tube	18,564.93	587.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 92 00 00-0011	EA	Recessed Receiving Station For 4" Tube	10,023.90	734.55
14 92 00 00-0012	EA	Recessed Receiving Station For 6" Tube	11,392.54	881.45
14 92 00 00-0013	EA	Wall Mount Receiving Station For 4" Tube	8,759.58	489.70
14 92 00 00-0014	EA	Wall Mount Receiving Station For 6" Tube	9,695.09	587.64
14 92 00 00-0015	EA	2 Out Transfer Unit For 4" Tube	6,813.40	538.66
14 92 00 00-0016	EA	2 Out Transfer Unit For 6" Tube	7,313.50	587.64
14 92 00 00-0017	EA	4 Out Transfer Unit For 4" Tube	8,166.76	734.55
14 92 00 00-0018	EA	4 Out Transfer Unit For 6" Tube	8,570.38	783.51
14 92 00 00-0019	EA	6 Out Transfer Unit For 4" Tube	10,017.97	979.39
14 92 00 00-0020	EA	6 Out Transfer Unit For 6" Tube	10,553.26	1,028.36
14 92 00 00-0021	EA	T.E.U. Assembly For 4" Tube	2,768.42	122.42
14 92 00 00-0022	EA	T.E.U. Assembly For 6" Tube	3,161.82	195.88
14 92 00 00-0023	EA	Security Door	1,018.56	
14 92 00 00-0024	EA	SB-101 Control Panel	2,756.94	293.81
14 92 00 00-0025	LF	Pneumatic Tube Hanging Material	9.21	1.96

END OF SECTION 14

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression *(21)*

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems *(21 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration *(21 01 10)*

21 01 10 91-0001 Relocate Sprinkler Head And Branch Piping *(21 01 10 91)*

Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.

21 01 10 91-0002	EA	Relocate Existing Sprinkler Head And Branch Piping, 1 Head	451.63
21 01 10 91-0003	EA	Relocate Existing Sprinkler Head And Branch Piping, 2 To 4 Heads	301.09
21 01 10 91-0004	EA	Relocate Existing Sprinkler Head And Branch Piping, >4 To 10 Heads	150.54
21 01 10 91-0005	EA	Relocate Existing Sprinkler Head And Branch Piping, > 10 Heads Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	45.17

21 01 10 91-0006 Sprinkler Upgrades *(21 01 10 91)*

21 01 10 91-0007	LF	Bleed Existing Lines Of Water	0.48
21 01 10 91-0008	LF	Refill Existing Lines With Water	0.59

21 01 30 Operation and Maintenance of Fire-Suppression Equipment *(21 01)*

21 01 30 91 Fire-Suppression Equipment Restoration *(21 01 30)*

21 01 30 91-0001 Inspection And Recharge *(21 01 30 91)*

21 01 30 91-0002	EA	Inspection, CO2, Carbon Dioxide	161.84
21 01 30 91-0003	LB	Refill/Recharge, CO2, Carbon Dioxide	1.66
21 01 30 91-0004	EA	Inspection, Halon 1301	161.84
21 01 30 91-0005	LB	Refill/Recharge, Halon 1301	39.75
21 01 30 91-0006	EA	Inspection, WC, Wet Chemical	97.85
21 01 30 91-0007	GAL	Refill/Recharge, WC, Wet Chemical	37.27
21 01 30 91-0008	EA	Inspection, DC, Dry Chemical	97.85
21 01 30 91-0009	LB	Refill/Recharge, DC, Dry Chemical	3.31
21 01 30 91-0010	EA	Hydrostatic Testing, All Sizes, All Agents See CSI section 23 05 93 00-0046 for testing existing piping systems.	30.11
21 01 30 91-0011	EA	Disarm/Arm System	52.69

21 05 Common Work Results for Fire Suppression *(21)*

21 05 13 Common Motor Requirements For Fire-Suppression Equipment *(21 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings And Loops For Fire-Suppression Piping *(21 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters And Gages For Fire-Suppression Systems *(21 05)*

21 05 19 00-0001 Fire Sprinkler System Water Pressure Gauge *(21 05 19)*

21 05 19 00-0002	EA	2" Diameter Dial, 0-200 PSI, Water Pressure Gauge Note: For fire sprinkler systems	32.08	9.54
21 05 19 00-0003	EA	2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	33.15	9.54
21 05 19 00-0004	EA	3" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	38.12	9.54
21 05 19 00-0005	EA	3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	40.17	9.54
21 05 19 00-0006	EA	4" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	42.21	9.54

21 05 19 00-0007 Fire Service Meter Cast Iron Housing *(21 05 19)*

21 05 19 00-0008	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing	2,800.23	152.24
		For >10 To 25, Deduct	*-140.01*	
		For >25, Deduct	*-400.98*	
21 05 19 00-0009	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	5,681.21	255.22
		For >10 To 25, Deduct	*-284.06*	
		For >25, Deduct	*-820.20*	
21 05 19 00-0010	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	7,665.69	332.42
		For >10 To 25, Deduct	*-383.28*	
		For >25, Deduct	*-1,108.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 19 00-0011	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	9,991.74	424.76
		For >10 To 25, Deduct	*-499.59*	
		For >25, Deduct	*-1,446.00*	
21 05 19 00-0012	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing	14,039.47	517.09
		For >10 To 25, Deduct	*-701.97*	
		For >25, Deduct	*-2,041.28*	

21 05 23 General-Duty Valves For Water-Based Fire-Suppression Piping *(21 05)*

See CSI section 23 05 23 00-0000 for valves.

21 05 23 00-0001 TESTanDRAIN® Valve *(21 05 23)*

21 05 23 00-0002	EA	1/4" 3-Way Globe Valve With 1/4" NPT Test Port (AGF 7600)	143.04	10.99
21 05 23 00-0003	EA	1" Threaded TESTanDRAIN® Valve (AGF 1000)	162.13	13.29
21 05 23 00-0004	EA	1-1/4" Threaded TESTanDRAIN® Valve (AGF 1000)	198.62	16.80
21 05 23 00-0005	EA	1-1/2" Threaded TESTanDRAIN® Valve (AGF 1000)	305.66	19.40
21 05 23 00-0006	EA	2" Threaded TESTanDRAIN® Valve (AGF 1000)	322.90	22.90
21 05 23 00-0007	EA	1" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	224.47	13.29
21 05 23 00-0008	EA	1-1/4" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	260.35	16.80
21 05 23 00-0009	EA	1-1/2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	369.27	19.40
21 05 23 00-0010	EA	2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	388.20	22.90

21 05 29 Hangers And Supports For Fire-Suppression Piping And Equipment *(21 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 48 Vibration And Seismic Controls for Fire-Suppresion Piping and Equipment *(21 05)*

21 05 48 13 Vibration Controls For Fire-Suppression Piping And Equipment *(21 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

21 05 53 Identification For Fire-Suppression Piping And Equipment *(21 05)*

See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation *(21)*

21 07 16 Fire-Suppression Equipment Insulation *(21 07)*

See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

21 07 19 Fire-Suppression Piping Insulation *(21 07)*

See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems *(21)*

See CSI section 22 11 16 00-0368 for copper pipe, 22 11 16 00-0912 for CPVC pipe, 23 05 23 00-0259 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping *(21 10)*

21 11 19 Fire-Department Connections *(21 11)*

21 11 19 00-0001 Fire Department Connections *(21 11 19)*

21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	702.31	245.88
		For Polished Chrome, Add	*41.23*	
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	970.66	307.36
		For Polished Chrome, Add	*63.10*	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass	1,012.08	245.88
		For Polished Chrome, Add	*79.93*	
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass	1,334.14	307.36
		For Polished Chrome, Add	*108.54*	
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	1,422.99	307.36
		For Polished Chrome, Add	*119.64*	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	1,230.83	325.30
		For Polished Chrome, Add	*92.27*	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	796.03	245.88
		For Polished Chrome, Add	*52.94*	

21 11 19 00-0009 Wall Type Indicator Post, Wheel Operated *(21 11 19)*

See CSI section 33 14 19 00-0210 for adjustable indicator post accessory for ground valves.

21 11 19 00-0010	EA	Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773)	1,016.31	255.22

21 12 Fire-Suppression Standpipes *(21 10)*

21 12 13 Fire-Suppression Hoses And Nozzles *(21 12)*

21 12 13 00-0001 Fire Hose *(21 12 13)*

21 12 13 00-0002 Fire Hose Without Couplings *(21 12 13 00-0001)*

21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.01	1.50
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.36	1.50
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.12	1.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.51	1.50
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	2.31	1.50
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	2.91	1.50
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	2.40	1.50
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	3.10	1.50
21 12 13 00-0011		Fire Hose With Aluminum Couplings *(21 12 13 00-0001)*		
21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	4.49	0.83
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	5.59	0.98
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	9.37	0.98
21 12 13 00-0015		Fire Hose Accessories *(21 12 13 00-0001)*		
21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug	89.48	24.84
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug	131.36	27.85
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle	60.15	19.57
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle	116.56	19.57
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	92.99	19.57
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	132.63	19.57
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack	209.30	82.80
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack	286.16	82.80
21 12 23		**Fire-Suppression Hose Valves** *(21 12)*		
21 12 23 00-0001		Standpipe Valves *(21 12 23)*		
21 12 23 00-0002	EA	2-1/2" Fire Department Valve, Polished Brass With Plug And Chain	413.62	162.65
		For Polished Chrome, Add	*25.10*	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	611.65	162.58
		For Polished Chrome, Add	*54.80*	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	770.40	175.86
		For Polished Chrome, Add	*75.58*	
21 12 23 00-0005	EA	3" x 3" x 4" Fire Department Valve, Flush, Polished Brass	897.02	162.58
		For Polished Chrome, Add	*97.61*	
21 12 23 00-0006	EA	3" x 3" x 6" Fire Department Valve, Flush, Polished Brass	1,045.43	175.86
		For Polished Chrome, Add	*116.84*	
21 12 23 00-0007	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	581.32	162.58
		For Polished Chrome, Add	*50.25*	
21 12 23 00-0008	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	817.96	175.86
		For Polished Chrome, Add	*82.72*	
21 12 23 00-0009	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	1,015.98	167.85
		For Polished Chrome, Add	*91.40*	
21 12 23 00-0010	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	1,425.08	186.48
		For Polished Chrome, Add	*137.10*	
21 12 23 00-0011	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	1,084.22	167.85
		For Polished Chrome, Add	*99.59*	
21 12 23 00-0012	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	1,527.90	186.48
		For Polished Chrome, Add	*149.44*	
21 12 23 00-0013	EA	2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass	3,471.82	223.74
		For Polished Chrome, Add	*313.27*	
21 12 23 00-0014		Fire Hose Angle Valves *(21 12 23)*		
21 12 23 00-0015	EA	1-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	138.33	20.33
21 12 23 00-0016	EA	1-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	163.99	20.33
21 12 23 00-0017	EA	1-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	154.66	20.33
21 12 23 00-0018	EA	1-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	180.33	20.33
21 12 23 00-0019	EA	2-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	245.34	33.87
21 12 23 00-0020	EA	2-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	282.68	33.87
21 12 23 00-0021	EA	2-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	285.79	33.87
21 12 23 00-0022	EA	2-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	323.12	33.87
21 12 23 00-0023		Fire Hose Valve Cap And Chain *(21 12 23)*		
21 12 23 00-0024	EA	1-1/2" Cast Brass, Fire Hose Valve Cap And Chain	28.50	7.64
21 12 23 00-0025	EA	1-1/2" Polished Brass, Fire Hose Valve Cap And Chain	43.28	7.64
21 12 23 00-0026	EA	1-1/2" Rough Chrome Plated, Fire Hose Valve Cap And Chain	38.62	7.64
21 12 23 00-0027	EA	1-1/2" Polished Chrome Plated, Fire Hose Valve Cap And Chain	50.28	7.64
21 12 23 00-0028	EA	1-1/2" Aluminum Brass Fire Hose Valve Cap And Chain	20.51	7.64
21 12 23 00-0029	EA	2-1/2" Cast Brass, Fire Hose Valve Cap And Chain	43.99	9.54
21 12 23 00-0030	EA	2-1/2" Polished Brass, Fire Hose Valve Cap And Chain	57.21	9.54
21 12 23 00-0031	EA	2-1/2" Rough Chrome Plated, Fire Hose Valve Cap And Chain	54.88	9.54
21 12 23 00-0032	EA	2-1/2" Polished Chrome Plated, Fire Hose Valve Cap And Chain	68.10	9.54
21 12 23 00-0033	EA	2-1/2" Aluminum Brass Fire Hose Valve Cap And Chain	26.98	9.54
21 12 23 00-0034	EA	3" Cast Brass, Fire Hose Valve Cap And Chain	67.29	10.31
21 12 23 00-0035	EA	3" Polished Brass, Fire Hose Valve Cap And Chain	84.40	10.31
21 12 23 00-0036	EA	3" Rough Chrome Plated, Fire Hose Valve Cap And Chain	78.96	10.31
21 12 23 00-0037	EA	3" Polished Chrome Plated, Fire Hose Valve Cap And Chain	96.85	10.31
21 12 29		**Fire-Suppression Fire Hose Equipment** *(21 12)*		
21 12 29 00-0001		Standpipe And Fire Hose Equipment *(21 12 29)*		
21 12 29 00-0002	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	1,463.26	403.19
21 12 29 00-0003	EA	Water Motor Gong	499.68	115.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 29 00-0004	EA	Water Motor Gong With Retard Chamber Assembly	984.67	141.08
21 12 29 00-0005	EA	Fire Riser Flow Switch (NFPA 13)	383.03	13.40
21 12 29 00-0006	EA	Water Flow Supervisory (Tamper) Switch Mounted On Valve	148.95	22.92
21 12 29 00-0007	EA	Spare Sprinkler Head Box For 3 Heads Note: Excludes spare sprinkler heads.	26.72	8.82
21 12 29 00-0008	EA	Spare Sprinkler Head Box For 6 Heads Note: Excludes spare sprinkler heads.	26.86	8.82
21 12 29 00-0009	EA	Spare Sprinkler Head Box For 12 Heads Note: Excludes spare sprinkler heads.	28.44	8.82

21 12 29 00-0010 Water Flow Detector *(21 12 29)*

21 12 29 00-0011 Pressure-Type Wazter Flow Detector *(21 12 29 00-0010)*

21 12 29 00-0012	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	246.28	70.54
21 12 29 00-0013	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	355.76	93.47
21 12 29 00-0014	EA	Pressure-Type Water Flow Detector For >4" To 8" Pipe	542.05	105.81

21 12 29 00-0015 Vane-Type Water Flow Detector *(21 12 29 00-0010)*

21 12 29 00-0016	EA	Vane-Type Water Flow Detector For Up To 2-1/2" Pipe	303.20	70.54
21 12 29 00-0017	EA	Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe	425.49	93.47
21 12 29 00-0018	EA	Vane-Type Water Flow Detector For >4" To 8" Pipe	652.60	105.81

21 13 Fire-Suppression Sprinkler Systems *(21 10)*

21 13 13 Wet-Pipe Sprinkler Systems *(21 13)*

21 13 13 00-0001 Complete Wet-Pipe Sprinkler Systems *(21 13 13)*

Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components.

21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

21 13 13 00-0003	EA	Exposed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	313.59
		For Copper Pipe, Add	*37.39*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-53.06*
		For Up To 5, Add	*144.74*
		For >5 To 10, Add	*91.68*
		For >10 To 20, Add	*60.32*
		For >20 To 40, Add	*25.33*
		For >100 To 150, Deduct	*-31.36*
		For >150, Deduct	*-62.72*
21 13 13 00-0004	EA	Concealed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	414.67
		For Copper Pipe, Add	*47.99*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-68.72*
		For Up To 5, Add	*194.30*
		For >5 To 10, Add	*125.58*
		For >10 To 20, Add	*84.11*
		For >20 To 40, Add	*34.95*
		For >100 To 150, Deduct	*-41.47*
		For >150, Deduct	*-82.93*

21 13 13 00-0005 Ordinary Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

21 13 13 00-0006	EA	Exposed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	312.39
		For Copper Pipe, Add	*37.32*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-52.94*
		For Up To 5, Add	*144.03*
		For >5 To 10, Add	*91.09*
		For >10 To 20, Add	*59.85*
		For >20 To 40, Add	*25.16*
		For >100 To 150, Deduct	*-31.24*
		For >150, Deduct	*-62.48*
21 13 13 00-0007	EA	Concealed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	411.00
		For Copper Pipe, Add	*47.62*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-68.17*
		For Up To 5, Add	*192.45*
		For >5 To 10, Add	*124.28*
		For >10 To 20, Add	*83.18*
		For >20 To 40, Add	*34.58*
		For >100 To 150, Deduct	*-41.10*
		For >150, Deduct	*-82.20*

21 13 13 00-0008 Extra Hazard, Complete Wet-Pipe Sprinkler Systems *(21 13 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0009	EA	Exposed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	289.06	
		For Copper Pipe, Add	*34.48*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-48.93*	
		For Up To 5, Add	*133.39*	
		For >5 To 10, Add	*84.46*	
		For >10 To 20, Add	*55.55*	
		For >20 To 40, Add	*23.34*	
		For >100 To 150, Deduct	*-28.91*	
		For >150, Deduct	*-57.81*	
21 13 13 00-0010	EA	Concealed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	381.03	
		For Copper Pipe, Add	*44.09*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-63.14*	
		For Up To 5, Add	*178.55*	
		For >5 To 10, Add	*115.41*	
		For >10 To 20, Add	*77.31*	
		For >20 To 40, Add	*32.12*	
		For >100 To 150, Deduct	*-38.10*	
		For >150, Deduct	*-76.21*	
21 13 13 00-0011		**Wet-Pipe Sprinkler Components** *(21 13 13)* Note: Excludes hydraulic calculations.		
21 13 13 00-0012		**Wet-Pipe Alarm Valves** *(21 13 13 00-0011)*		
21 13 13 00-0013	EA	2" Wet-Pipe Alarm Valve	1,308.55	599.79
21 13 13 00-0014	EA	3" Wet-Pipe Alarm Valve	1,760.05	818.76
21 13 13 00-0015	EA	4" Wet-Pipe Alarm Valve	2,795.28	1,146.27
21 13 13 00-0016	EA	6" Wet-Pipe Alarm Valve	3,205.41	1,354.35
21 13 13 00-0017	EA	8" Wet-Pipe Alarm Valve	4,442.26	1,489.79
21 13 13 00-0018		**Wet-Pipe Sprinkler Heads** *(21 13 13 00-0011)*		
21 13 13 00-0019		**Upright Wet-Pipe Sprinkler Heads** *(21 13 13 00-0018)*		
21 13 13 00-0020	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head	49.49	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 500, Deduct	*-7.03*	
		For >500 To 1,000, Deduct	*-14.67*	
		For >1,000, Deduct	*-21.44*	
21 13 13 00-0021	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head	51.09	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.23*	
		For >500 To 1,000, Deduct	*-14.95*	
		For >1,000, Deduct	*-21.73*	
21 13 13 00-0022	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head	52.10	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.30*	
		For >100 To 500, Deduct	*-7.36*	
		For >500 To 1,000, Deduct	*-15.14*	
		For >1,000, Deduct	*-21.91*	
21 13 13 00-0023	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	50.29	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.21*	
		For >100 To 500, Deduct	*-7.13*	
		For >500 To 1,000, Deduct	*-14.81*	
		For >1,000, Deduct	*-21.58*	
21 13 13 00-0024	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	51.95	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.29*	
		For >100 To 500, Deduct	*-7.34*	
		For >500 To 1,000, Deduct	*-15.11*	
		For >1,000, Deduct	*-21.88*	
21 13 13 00-0025	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	53.00	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.34*	
		For >100 To 500, Deduct	*-7.47*	
		For >500 To 1,000, Deduct	*-15.30*	
		For >1,000, Deduct	*-22.07*	
21 13 13 00-0026	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head	60.71	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.73*	
		For >100 To 500, Deduct	*-8.44*	
		For >500 To 1,000, Deduct	*-16.69*	
		For >1,000, Deduct	*-23.46*	
21 13 13 00-0027	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	64.98	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.94*	
		For >100 To 500, Deduct	*-8.97*	
		For >500 To 1,000, Deduct	*-17.45*	
		For >1,000, Deduct	*-24.23*	
21 13 13 00-0028	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head	60.71	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.73*	
		For >100 To 500, Deduct	*-8.44*	
		For >500 To 1,000, Deduct	*-16.69*	
		For >1,000, Deduct	*-23.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0029	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	64.98	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.94*	
		For >100 To 500, Deduct	*-8.97*	
		For >500 To 1,000, Deduct	*-17.45*	
		For >1,000, Deduct	*-24.23*	
21 13 13 00-0030	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head	55.19	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.45*	
		For >100 To 500, Deduct	*-7.75*	
		For >500 To 1,000, Deduct	*-15.69*	
		For >1,000, Deduct	*-22.47*	
21 13 13 00-0031	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	57.27	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.56*	
		For >100 To 500, Deduct	*-8.01*	
		For >500 To 1,000, Deduct	*-16.07*	
		For >1,000, Deduct	*-22.84*	
21 13 13 00-0032	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head	56.64	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.71*	
		For >100 To 500, Deduct	*-8.02*	
		For >500 To 1,000, Deduct	*-16.59*	
		For >1,000, Deduct	*-24.12*	
21 13 13 00-0033	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	59.08	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 500, Deduct	*-8.33*	
		For >500 To 1,000, Deduct	*-17.03*	
		For >1,000, Deduct	*-24.56*	
21 13 13 00-0034	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head	59.57	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.86*	
		For >100 To 500, Deduct	*-8.39*	
		For >500 To 1,000, Deduct	*-17.12*	
		For >1,000, Deduct	*-24.65*	
21 13 13 00-0035	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	56.64	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.71*	
		For >100 To 500, Deduct	*-8.02*	
		For >500 To 1,000, Deduct	*-16.59*	
		For >1,000, Deduct	*-24.12*	
21 13 13 00-0036	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	59.08	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 500, Deduct	*-8.33*	
		For >500 To 1,000, Deduct	*-17.03*	
		For >1,000, Deduct	*-24.56*	
21 13 13 00-0037	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	59.57	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.86*	
		For >100 To 500, Deduct	*-8.39*	
		For >500 To 1,000, Deduct	*-17.12*	
		For >1,000, Deduct	*-24.65*	
21 13 13 00-0038	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head	54.09	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 500, Deduct	*-7.61*	
		For >500 To 1,000, Deduct	*-15.49*	
		For >1,000, Deduct	*-22.27*	
21 13 13 00-0039	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head	55.68	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.48*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-15.78*	
		For >1,000, Deduct	*-22.55*	
21 13 13 00-0040	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head	55.99	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.85*	
		For >500 To 1,000, Deduct	*-15.84*	
		For >1,000, Deduct	*-22.61*	
21 13 13 00-0041	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head	54.09	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 500, Deduct	*-7.61*	
		For >500 To 1,000, Deduct	*-15.49*	
		For >1,000, Deduct	*-22.27*	
21 13 13 00-0042	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head	55.68	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.48*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-15.78*	
		For >1,000, Deduct	*-22.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0043	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head	55.99	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.85*	
		For >500 To 1,000, Deduct	*-15.84*	
		For >1,000, Deduct	*-22.61*	
21 13 13 00-0044	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head	55.99	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.85*	
		For >500 To 1,000, Deduct	*-15.84*	
		For >1,000, Deduct	*-22.61*	
21 13 13 00-0045	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	73.71	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.57*	
		For >100 To 500, Deduct	*-10.15*	
		For >500 To 1,000, Deduct	*-19.67*	
		For >1,000, Deduct	*-27.19*	
21 13 13 00-0046	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	75.54	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.66*	
		For >100 To 500, Deduct	*-10.38*	
		For >500 To 1,000, Deduct	*-20.00*	
		For >1,000, Deduct	*-27.52*	
21 13 13 00-0047	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	75.54	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.66*	
		For >100 To 500, Deduct	*-10.38*	
		For >500 To 1,000, Deduct	*-20.00*	
		For >1,000, Deduct	*-27.52*	
21 13 13 00-0048	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	61.36	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.95*	
		For >100 To 500, Deduct	*-8.61*	
		For >500 To 1,000, Deduct	*-17.44*	
		For >1,000, Deduct	*-24.97*	
21 13 13 00-0049	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	62.62	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.01*	
		For >100 To 500, Deduct	*-8.77*	
		For >500 To 1,000, Deduct	*-17.67*	
		For >1,000, Deduct	*-25.20*	
21 13 13 00-0050	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	62.62	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.01*	
		For >100 To 500, Deduct	*-8.77*	
		For >500 To 1,000, Deduct	*-17.67*	
		For >1,000, Deduct	*-25.20*	
21 13 13 00-0051	EA	1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	164.26	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-9.91*	
		For >100 To 500, Deduct	*-21.38*	
		For >500 To 1,000, Deduct	*-35.32*	
		For >1,000, Deduct	*-42.10*	
21 13 13 00-0052	EA	3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	180.95	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-10.93*	
		For >100 To 500, Deduct	*-23.56*	
		For >500 To 1,000, Deduct	*-38.97*	
		For >1,000, Deduct	*-46.50*	
21 13 13 00-0053	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	90.96	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-6.24*	
		For >100 To 500, Deduct	*-12.22*	
		For >500 To 1,000, Deduct	*-22.13*	
		For >1,000, Deduct	*-28.90*	
21 13 13 00-0054	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	110.06	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-7.20*	
		For >100 To 500, Deduct	*-14.60*	
		For >500 To 1,000, Deduct	*-25.57*	
		For >1,000, Deduct	*-32.34*	
21 13 13 00-0055	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head	189.91	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-11.19*	
		For >100 To 500, Deduct	*-24.59*	
		For >500 To 1,000, Deduct	*-39.94*	
		For >1,000, Deduct	*-46.72*	
21 13 13 00-0056	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head	239.68	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-13.68*	
		For >100 To 500, Deduct	*-30.81*	
		For >500 To 1,000, Deduct	*-48.90*	
		For >1,000, Deduct	*-55.67*	
21 13 13 00-0057	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	113.83	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-7.57*	
		For >100 To 500, Deduct	*-15.17*	
		For >500 To 1,000, Deduct	*-26.89*	
		For >1,000, Deduct	*-34.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0058	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	114.41	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-7.60*	
		For >100 To 500, Deduct	*-15.24*	
		For >500 To 1,000, Deduct	*-26.99*	
		For >1,000, Deduct	*-34.52*	

21 13 13 00-0059 Conventional Wet-Pipe Sprinkler Heads *(21 13 13 00-0018)*

21 13 13 00-0060	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head	49.49	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 500, Deduct	*-7.03*	
		For >500 To 1,000, Deduct	*-14.67*	
		For >1,000, Deduct	*-21.44*	
21 13 13 00-0061	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head	51.09	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.23*	
		For >500 To 1,000, Deduct	*-14.95*	
		For >1,000, Deduct	*-21.73*	
21 13 13 00-0062	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head	52.10	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.30*	
		For >100 To 500, Deduct	*-7.36*	
		For >500 To 1,000, Deduct	*-15.14*	
		For >1,000, Deduct	*-21.91*	
21 13 13 00-0063	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head	57.21	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.74*	
		For >100 To 500, Deduct	*-8.09*	
		For >500 To 1,000, Deduct	*-16.70*	
		For >1,000, Deduct	*-24.22*	
21 13 13 00-0064	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head	59.08	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 500, Deduct	*-8.33*	
		For >500 To 1,000, Deduct	*-17.03*	
		For >1,000, Deduct	*-24.56*	
21 13 13 00-0065	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head	59.37	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.85*	
		For >100 To 500, Deduct	*-8.36*	
		For >500 To 1,000, Deduct	*-17.09*	
		For >1,000, Deduct	*-24.61*	
21 13 13 00-0066	EA	1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head	164.26	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-9.91*	
		For >100 To 500, Deduct	*-21.38*	
		For >500 To 1,000, Deduct	*-35.32*	
		For >1,000, Deduct	*-42.10*	

21 13 13 00-0067 Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0018)*

See CSI section 21 13 13 00-0203 for escutcheon for recessed pendent sprinkler head.

21 13 13 00-0068	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head	49.49	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 500, Deduct	*-7.03*	
		For >500 To 1,000, Deduct	*-14.67*	
		For >1,000, Deduct	*-21.44*	
21 13 13 00-0069	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head	51.09	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.23*	
		For >500 To 1,000, Deduct	*-14.95*	
		For >1,000, Deduct	*-21.73*	
21 13 13 00-0070	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head	52.10	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.30*	
		For >100 To 500, Deduct	*-7.36*	
		For >500 To 1,000, Deduct	*-15.14*	
		For >1,000, Deduct	*-21.91*	
21 13 13 00-0071	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	56.64	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.71*	
		For >100 To 500, Deduct	*-8.02*	
		For >500 To 1,000, Deduct	*-16.59*	
		For >1,000, Deduct	*-24.12*	
21 13 13 00-0072	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	59.08	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 500, Deduct	*-8.33*	
		For >500 To 1,000, Deduct	*-17.03*	
		For >1,000, Deduct	*-24.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0073	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent White Polyester Coated Wet Pipe Sprinkler Head	59.57	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.86*	
		For >100 To 500, Deduct	*-8.39*	
		For >500 To 1,000, Deduct	*-17.12*	
		For >1,000, Deduct	*-24.65*	
21 13 13 00-0074	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Brass Wet Pipe Sprinkler Head	54.09	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 500, Deduct	*-7.61*	
		For >500 To 1,000, Deduct	*-15.49*	
		For >1,000, Deduct	*-22.27*	
21 13 13 00-0075	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Chrome Wet Pipe Sprinkler Head	55.68	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.48*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-15.78*	
		For >1,000, Deduct	*-22.55*	
21 13 13 00-0076	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent White Polyester Coated Wet Pipe Sprinkler Head	55.99	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.85*	
		For >500 To 1,000, Deduct	*-15.84*	
		For >1,000, Deduct	*-22.61*	
21 13 13 00-0077	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head	54.09	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 500, Deduct	*-7.61*	
		For >500 To 1,000, Deduct	*-15.49*	
		For >1,000, Deduct	*-22.27*	
21 13 13 00-0078	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head	55.68	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.48*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-15.78*	
		For >1,000, Deduct	*-22.55*	
21 13 13 00-0079	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head	55.99	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.85*	
		For >500 To 1,000, Deduct	*-15.84*	
		For >1,000, Deduct	*-22.61*	
21 13 13 00-0080	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	54.09	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 500, Deduct	*-7.61*	
		For >500 To 1,000, Deduct	*-15.49*	
		For >1,000, Deduct	*-22.27*	
21 13 13 00-0081	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	55.68	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.48*	
		For >100 To 500, Deduct	*-7.81*	
		For >500 To 1,000, Deduct	*-15.78*	
		For >1,000, Deduct	*-22.55*	
21 13 13 00-0082	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	55.99	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.85*	
		For >500 To 1,000, Deduct	*-15.84*	
		For >1,000, Deduct	*-22.61*	
21 13 13 00-0083	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	49.49	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.17*	
		For >100 To 500, Deduct	*-7.03*	
		For >500 To 1,000, Deduct	*-14.67*	
		For >1,000, Deduct	*-21.44*	
21 13 13 00-0084	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	51.09	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 500, Deduct	*-7.23*	
		For >500 To 1,000, Deduct	*-14.95*	
		For >1,000, Deduct	*-21.73*	
21 13 13 00-0085	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	52.10	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.30*	
		For >100 To 500, Deduct	*-7.36*	
		For >500 To 1,000, Deduct	*-15.14*	
		For >1,000, Deduct	*-21.91*	
21 13 13 00-0086	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	50.30	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.21*	
		For >100 To 500, Deduct	*-7.13*	
		For >500 To 1,000, Deduct	*-14.81*	
		For >1,000, Deduct	*-21.59*	
21 13 13 00-0087	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	51.42	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.26*	
		For >100 To 500, Deduct	*-7.27*	
		For >500 To 1,000, Deduct	*-15.01*	
		For >1,000, Deduct	*-21.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0088	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	52.45	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.32*	
		For >100 To 500, Deduct	*-7.40*	
		For >500 To 1,000, Deduct	*-15.20*	
		For >1,000, Deduct	*-21.97*	
21 13 13 00-0089	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	58.15	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.79*	
		For >100 To 500, Deduct	*-8.21*	
		For >500 To 1,000, Deduct	*-16.87*	
		For >1,000, Deduct	*-24.39*	
21 13 13 00-0090	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	60.21	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.89*	
		For >100 To 500, Deduct	*-8.47*	
		For >500 To 1,000, Deduct	*-17.24*	
		For >1,000, Deduct	*-24.76*	
21 13 13 00-0091	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	60.21	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.89*	
		For >100 To 500, Deduct	*-8.47*	
		For >500 To 1,000, Deduct	*-17.24*	
		For >1,000, Deduct	*-24.76*	
21 13 13 00-0092	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	55.19	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.45*	
		For >100 To 500, Deduct	*-7.75*	
		For >500 To 1,000, Deduct	*-15.69*	
		For >1,000, Deduct	*-22.47*	
21 13 13 00-0093	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	57.27	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.56*	
		For >100 To 500, Deduct	*-8.01*	
		For >500 To 1,000, Deduct	*-16.07*	
		For >1,000, Deduct	*-22.84*	
21 13 13 00-0094	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	60.40	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.71*	
		For >100 To 500, Deduct	*-8.40*	
		For >500 To 1,000, Deduct	*-16.63*	
		For >1,000, Deduct	*-23.40*	
21 13 13 00-0095	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	63.81	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.88*	
		For >100 To 500, Deduct	*-8.82*	
		For >500 To 1,000, Deduct	*-17.24*	
		For >1,000, Deduct	*-24.02*	
21 13 13 00-0096	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	60.40	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.71*	
		For >100 To 500, Deduct	*-8.40*	
		For >500 To 1,000, Deduct	*-16.63*	
		For >1,000, Deduct	*-23.40*	
21 13 13 00-0097	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	63.81	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.88*	
		For >100 To 500, Deduct	*-8.82*	
		For >500 To 1,000, Deduct	*-17.24*	
		For >1,000, Deduct	*-24.02*	
21 13 13 00-0098	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	52.50	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.32*	
		For >100 To 500, Deduct	*-7.41*	
		For >500 To 1,000, Deduct	*-15.21*	
		For >1,000, Deduct	*-21.98*	
21 13 13 00-0099	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	54.29	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.41*	
		For >100 To 500, Deduct	*-7.63*	
		For >500 To 1,000, Deduct	*-15.53*	
		For >1,000, Deduct	*-22.30*	
21 13 13 00-0100	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	55.23	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.46*	
		For >100 To 500, Deduct	*-7.75*	
		For >500 To 1,000, Deduct	*-15.70*	
		For >1,000, Deduct	*-22.47*	
21 13 13 00-0101	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	57.40	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.75*	
		For >100 To 500, Deduct	*-8.12*	
		For >500 To 1,000, Deduct	*-16.73*	
		For >1,000, Deduct	*-24.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0102	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	59.17	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 500, Deduct	*-8.34*	
		For >500 To 1,000, Deduct	*-17.05*	
		For >1,000, Deduct	*-24.58*	
21 13 13 00-0103	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	60.88	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.93*	
		For >100 To 500, Deduct	*-8.55*	
		For >500 To 1,000, Deduct	*-17.36*	
		For >1,000, Deduct	*-24.89*	
21 13 13 00-0104	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	53.51	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.37*	
		For >100 To 500, Deduct	*-7.54*	
		For >500 To 1,000, Deduct	*-15.39*	
		For >1,000, Deduct	*-22.16*	
21 13 13 00-0105	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	55.26	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.46*	
		For >100 To 500, Deduct	*-7.75*	
		For >500 To 1,000, Deduct	*-15.70*	
		For >1,000, Deduct	*-22.48*	
21 13 13 00-0106	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	56.22	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.50*	
		For >100 To 500, Deduct	*-7.87*	
		For >500 To 1,000, Deduct	*-15.88*	
		For >1,000, Deduct	*-22.65*	
21 13 13 00-0107	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	58.15	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.79*	
		For >100 To 500, Deduct	*-8.21*	
		For >500 To 1,000, Deduct	*-16.87*	
		For >1,000, Deduct	*-24.39*	
21 13 13 00-0108	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	59.99	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.88*	
		For >100 To 500, Deduct	*-8.44*	
		For >500 To 1,000, Deduct	*-17.20*	
		For >1,000, Deduct	*-24.73*	
21 13 13 00-0109	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	61.77	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.97*	
		For >100 To 500, Deduct	*-8.66*	
		For >500 To 1,000, Deduct	*-17.52*	
		For >1,000, Deduct	*-25.05*	
21 13 13 00-0110	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head	81.41	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-5.76*	
		For >100 To 500, Deduct	*-11.02*	
		For >500 To 1,000, Deduct	*-20.41*	
		For >1,000, Deduct	*-27.19*	
21 13 13 00-0111	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head	81.41	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-5.76*	
		For >100 To 500, Deduct	*-11.02*	
		For >500 To 1,000, Deduct	*-20.41*	
		For >1,000, Deduct	*-27.19*	
21 13 13 00-0112	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	63.20	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.04*	
		For >100 To 500, Deduct	*-8.84*	
		For >500 To 1,000, Deduct	*-17.77*	
		For >1,000, Deduct	*-25.30*	
21 13 13 00-0113	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	64.55	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.11*	
		For >100 To 500, Deduct	*-9.01*	
		For >500 To 1,000, Deduct	*-18.02*	
		For >1,000, Deduct	*-25.55*	
21 13 13 00-0114	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	64.55	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.11*	
		For >100 To 500, Deduct	*-9.01*	
		For >500 To 1,000, Deduct	*-18.02*	
		For >1,000, Deduct	*-25.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0115	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	61.36	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.95*	
		For >100 To 500, Deduct	*-8.61*	
		For >500 To 1,000, Deduct	*-17.44*	
		For >1,000, Deduct	*-24.97*	
21 13 13 00-0116	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	62.62	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.01*	
		For >100 To 500, Deduct	*-8.77*	
		For >500 To 1,000, Deduct	*-17.67*	
		For >1,000, Deduct	*-25.20*	
21 13 13 00-0117	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	62.62	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.01*	
		For >100 To 500, Deduct	*-8.77*	
		For >500 To 1,000, Deduct	*-17.67*	
		For >1,000, Deduct	*-25.20*	
21 13 13 00-0118	EA	1/2" NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	164.26	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-9.91*	
		For >100 To 500, Deduct	*-21.38*	
		For >500 To 1,000, Deduct	*-35.32*	
		For >1,000, Deduct	*-42.10*	
21 13 13 00-0119	EA	3/4" NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	180.95	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-10.93*	
		For >100 To 500, Deduct	*-23.56*	
		For >500 To 1,000, Deduct	*-38.97*	
		For >1,000, Deduct	*-46.50*	
21 13 13 00-0120	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	90.96	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-6.24*	
		For >100 To 500, Deduct	*-12.22*	
		For >500 To 1,000, Deduct	*-22.13*	
		For >1,000, Deduct	*-28.90*	
21 13 13 00-0121	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	110.06	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-7.20*	
		For >100 To 500, Deduct	*-14.60*	
		For >500 To 1,000, Deduct	*-25.57*	
		For >1,000, Deduct	*-32.34*	
21 13 13 00-0122	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head	189.91	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-11.19*	
		For >100 To 500, Deduct	*-24.59*	
		For >500 To 1,000, Deduct	*-39.94*	
		For >1,000, Deduct	*-46.72*	
21 13 13 00-0123	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head	239.68	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-13.68*	
		For >100 To 500, Deduct	*-30.81*	
		For >500 To 1,000, Deduct	*-48.90*	
		For >1,000, Deduct	*-55.67*	
21 13 13 00-0124	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	113.83	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-7.57*	
		For >100 To 500, Deduct	*-15.17*	
		For >500 To 1,000, Deduct	*-26.89*	
		For >1,000, Deduct	*-34.42*	
21 13 13 00-0125	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	114.41	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-7.60*	
		For >100 To 500, Deduct	*-15.24*	
		For >500 To 1,000, Deduct	*-26.99*	
		For >1,000, Deduct	*-34.52*	

21 13 13 00-0126 Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0018)*

21 13 13 00-0127 Horizontal Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0126)*

21 13 13 00-0128	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	51.87	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.29*	
		For >100 To 500, Deduct	*-7.33*	
		For >500 To 1,000, Deduct	*-15.09*	
		For >1,000, Deduct	*-21.87*	
21 13 13 00-0129	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	53.15	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.35*	
		For >100 To 500, Deduct	*-7.49*	
		For >500 To 1,000, Deduct	*-15.32*	
		For >1,000, Deduct	*-22.10*	
21 13 13 00-0130	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head	55.16	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.45*	
		For >100 To 500, Deduct	*-7.74*	
		For >500 To 1,000, Deduct	*-15.69*	
		For >1,000, Deduct	*-22.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0131	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	52.60	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.32*	
		For >100 To 500, Deduct	*-7.42*	
		For >500 To 1,000, Deduct	*-15.23*	
		For >1,000, Deduct	*-22.00*	
21 13 13 00-0132	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	53.89	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.39*	
		For >100 To 500, Deduct	*-7.58*	
		For >500 To 1,000, Deduct	*-15.46*	
		For >1,000, Deduct	*-22.23*	
21 13 13 00-0133	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head	55.95	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-7.84*	
		For >500 To 1,000, Deduct	*-15.83*	
		For >1,000, Deduct	*-22.60*	
21 13 13 00-0134	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	57.27	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.56*	
		For >100 To 500, Deduct	*-8.01*	
		For >500 To 1,000, Deduct	*-16.07*	
		For >1,000, Deduct	*-22.84*	
21 13 13 00-0135	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	59.35	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.66*	
		For >100 To 500, Deduct	*-8.27*	
		For >500 To 1,000, Deduct	*-16.44*	
		For >1,000, Deduct	*-23.21*	
21 13 13 00-0136	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	62.10	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.99*	
		For >100 To 500, Deduct	*-8.70*	
		For >500 To 1,000, Deduct	*-17.58*	
		For >1,000, Deduct	*-25.10*	
21 13 13 00-0137	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	65.21	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-5.14*	
		For >100 To 500, Deduct	*-9.09*	
		For >500 To 1,000, Deduct	*-18.14*	
		For >1,000, Deduct	*-25.66*	
21 13 13 00-0138	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	61.75	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.78*	
		For >100 To 500, Deduct	*-8.57*	
		For >500 To 1,000, Deduct	*-16.87*	
		For >1,000, Deduct	*-23.65*	
21 13 13 00-0139	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	63.81	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.88*	
		For >100 To 500, Deduct	*-8.82*	
		For >500 To 1,000, Deduct	*-17.24*	
		For >1,000, Deduct	*-24.02*	
21 13 13 00-0140	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	61.75	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.78*	
		For >100 To 500, Deduct	*-8.57*	
		For >500 To 1,000, Deduct	*-16.87*	
		For >1,000, Deduct	*-23.65*	
21 13 13 00-0141	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	63.81	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.88*	
		For >100 To 500, Deduct	*-8.82*	
		For >500 To 1,000, Deduct	*-17.24*	
		For >1,000, Deduct	*-24.02*	
21 13 13 00-0142	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	50.79	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.23*	
		For >100 To 500, Deduct	*-7.20*	
		For >500 To 1,000, Deduct	*-14.90*	
		For >1,000, Deduct	*-21.67*	
21 13 13 00-0143	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	51.84	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.29*	
		For >100 To 500, Deduct	*-7.33*	
		For >500 To 1,000, Deduct	*-15.09*	
		For >1,000, Deduct	*-21.86*	
21 13 13 00-0144	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	53.15	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.35*	
		For >100 To 500, Deduct	*-7.49*	
		For >500 To 1,000, Deduct	*-15.32*	
		For >1,000, Deduct	*-22.10*	
21 13 13 00-0145	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	55.79	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.67*	
		For >100 To 500, Deduct	*-7.91*	
		For >500 To 1,000, Deduct	*-16.44*	
		For >1,000, Deduct	*-23.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0146	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	56.92	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.73*	
		For >100 To 500, Deduct	*-8.06*	
		For >500 To 1,000, Deduct	*-16.64*	
		For >1,000, Deduct	*-24.17*	
21 13 13 00-0147	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	58.14	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.79*	
		For >100 To 500, Deduct	*-8.21*	
		For >500 To 1,000, Deduct	*-16.86*	
		For >1,000, Deduct	*-24.39*	
21 13 13 00-0148	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	56.69	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.72*	
		For >100 To 500, Deduct	*-8.03*	
		For >500 To 1,000, Deduct	*-16.60*	
		For >1,000, Deduct	*-24.13*	
21 13 13 00-0149	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	57.86	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.78*	
		For >100 To 500, Deduct	*-8.17*	
		For >500 To 1,000, Deduct	*-16.81*	
		For >1,000, Deduct	*-24.34*	
21 13 13 00-0150	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	59.13	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 500, Deduct	*-8.33*	
		For >500 To 1,000, Deduct	*-17.04*	
		For >1,000, Deduct	*-24.57*	
21 13 13 00-0151	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	59.15	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 500, Deduct	*-8.33*	
		For >500 To 1,000, Deduct	*-17.05*	
		For >1,000, Deduct	*-24.57*	
21 13 13 00-0152	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	60.88	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.93*	
		For >100 To 500, Deduct	*-8.55*	
		For >500 To 1,000, Deduct	*-17.36*	
		For >1,000, Deduct	*-24.89*	
21 13 13 00-0153	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	60.88	9.41
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-4.93*	
		For >100 To 500, Deduct	*-8.55*	
		For >500 To 1,000, Deduct	*-17.36*	
		For >1,000, Deduct	*-24.89*	
21 13 13 00-0154	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	92.89	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-6.34*	
		For >100 To 500, Deduct	*-12.46*	
		For >500 To 1,000, Deduct	*-22.48*	
		For >1,000, Deduct	*-29.25*	
21 13 13 00-0155	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head	92.89	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-6.34*	
		For >100 To 500, Deduct	*-12.46*	
		For >500 To 1,000, Deduct	*-22.48*	
		For >1,000, Deduct	*-29.25*	
21 13 13 00-0156	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head	51.23	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.26*	
		For >100 To 500, Deduct	*-7.25*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000, Deduct	*-21.75*	
21 13 13 00-0157	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	51.23	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.26*	
		For >100 To 500, Deduct	*-7.25*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000, Deduct	*-21.75*	
21 13 13 00-0158	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head	51.23	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.26*	
		For >100 To 500, Deduct	*-7.25*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000, Deduct	*-21.75*	

21 13 13 00-0159 Vertical Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0126)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0160	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head	53.53	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.37*	
		For >100 To 500, Deduct	*-7.54*	
		For >500 To 1,000, Deduct	*-15.39*	
		For >1,000, Deduct	*-22.17*	
21 13 13 00-0161	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head	55.12	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.45*	
		For >100 To 500, Deduct	*-7.74*	
		For >500 To 1,000, Deduct	*-15.68*	
		For >1,000, Deduct	*-22.45*	
21 13 13 00-0162	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head	55.80	8.47
		For >25 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-4.48*	
		For >100 To 500, Deduct	*-7.82*	
		For >500 To 1,000, Deduct	*-15.80*	
		For >1,000, Deduct	*-22.58*	
21 13 13 00-0163		Concealed Wet-Pipe Sprinkler Heads *(21 13 13 00-0018)*		
21 13 13 00-0164		Concealed Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0163)*		
21 13 13 00-0165	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead Note: Excludes coverplate	76.43	11.29
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-6.08*	
		For >100 To 500, Deduct	*-10.68*	
		For >500 To 1,000, Deduct	*-21.44*	
		For >1,000, Deduct	*-30.47*	
21 13 13 00-0166	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	57.77	11.29
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-5.15*	
		For >100 To 500, Deduct	*-8.35*	
		For >500 To 1,000, Deduct	*-18.08*	
		For >1,000, Deduct	*-27.11*	
21 13 13 00-0167	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	58.45	11.29
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-5.18*	
		For >100 To 500, Deduct	*-8.44*	
		For >500 To 1,000, Deduct	*-18.20*	
		For >1,000, Deduct	*-27.23*	
21 13 13 00-0168	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	71.47	12.23
		For >25 To 50, Deduct	*-2.45*	
		For >50 To 100, Deduct	*-6.02*	
		For >100 To 500, Deduct	*-10.16*	
		For >500 To 1,000, Deduct	*-21.18*	
		For >1,000, Deduct	*-30.97*	
21 13 13 00-0169	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	67.71	11.29
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-5.64*	
		For >100 To 500, Deduct	*-9.59*	
		For >500 To 1,000, Deduct	*-19.87*	
		For >1,000, Deduct	*-28.90*	
21 13 13 00-0170	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	67.71	11.29
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-5.64*	
		For >100 To 500, Deduct	*-9.59*	
		For >500 To 1,000, Deduct	*-19.87*	
		For >1,000, Deduct	*-28.90*	
21 13 13 00-0171	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	71.47	12.23
		For >25 To 50, Deduct	*-2.45*	
		For >50 To 100, Deduct	*-6.02*	
		For >100 To 500, Deduct	*-10.16*	
		For >500 To 1,000, Deduct	*-21.18*	
		For >1,000, Deduct	*-30.97*	
21 13 13 00-0172	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	63.34	11.29
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-5.43*	
		For >100 To 500, Deduct	*-9.05*	
		For >500 To 1,000, Deduct	*-19.08*	
		For >1,000, Deduct	*-28.11*	
21 13 13 00-0173	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	67.71	11.29
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-5.64*	
		For >100 To 500, Deduct	*-9.59*	
		For >500 To 1,000, Deduct	*-19.87*	
		For >1,000, Deduct	*-28.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0174	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	67.71	11.29
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-5.64*	
		For >100 To 500, Deduct	*-9.59*	
		For >500 To 1,000, Deduct	*-19.87*	
		For >1,000, Deduct	*-28.90*	
21 13 13 00-0175	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	64.37	11.29
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-5.48*	
		For >100 To 500, Deduct	*-9.18*	
		For >500 To 1,000, Deduct	*-19.27*	
		For >1,000, Deduct	*-28.30*	
21 13 13 00-0176	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head	101.25	13.17
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.63*	
		For >50 To 100, Deduct	*-7.70*	
		For >100 To 500, Deduct	*-13.97*	
		For >500 To 1,000, Deduct	*-27.18*	
		For >1,000, Deduct	*-37.72*	
21 13 13 00-0177	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	61.16	11.29
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-5.32*	
		For >100 To 500, Deduct	*-8.77*	
		For >500 To 1,000, Deduct	*-18.69*	
		For >1,000, Deduct	*-27.72*	
21 13 13 00-0178	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	64.64	12.23
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.45*	
		For >50 To 100, Deduct	*-5.68*	
		For >100 To 500, Deduct	*-9.30*	
		For >500 To 1,000, Deduct	*-19.95*	
		For >1,000, Deduct	*-29.74*	
21 13 13 00-0179	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	61.78	11.29
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-5.35*	
		For >100 To 500, Deduct	*-8.85*	
		For >500 To 1,000, Deduct	*-18.80*	
		For >1,000, Deduct	*-27.83*	
21 13 13 00-0180	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	65.54	12.23
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.45*	
		For >50 To 100, Deduct	*-5.72*	
		For >100 To 500, Deduct	*-9.42*	
		For >500 To 1,000, Deduct	*-20.12*	
		For >1,000, Deduct	*-29.90*	
21 13 13 00-0181	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	71.75	12.23
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.45*	
		For >50 To 100, Deduct	*-6.03*	
		For >100 To 500, Deduct	*-10.19*	
		For >500 To 1,000, Deduct	*-21.23*	
		For >1,000, Deduct	*-31.02*	
21 13 13 00-0182	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Coverplate	115.40	13.17
		For >25 To 50, Deduct	*-2.63*	
		For >50 To 100, Deduct	*-8.40*	
		For >100 To 500, Deduct	*-15.74*	
		For >500 To 1,000, Deduct	*-29.73*	
		For >1,000, Deduct	*-40.27*	
21 13 13 00-0183	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Coverplate	115.40	13.17
		For >25 To 50, Deduct	*-2.63*	
		For >50 To 100, Deduct	*-8.40*	
		For >100 To 500, Deduct	*-15.74*	
		For >500 To 1,000, Deduct	*-29.73*	
		For >1,000, Deduct	*-40.27*	

21 13 13 00-0184 Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads *(21 13 13 00-0163)*

21 13 13 00-0185	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	81.63	11.29
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-6.34*	
		For >100 To 500, Deduct	*-11.33*	
		For >500 To 1,000, Deduct	*-22.37*	
		For >1,000, Deduct	*-31.41*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0186		EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	91.46	12.23
			Note: Excludes coverplate		
			For >25 To 50, Deduct	*-2.45*	
			For >50 To 100, Deduct	*-7.02*	
			For >100 To 500, Deduct	*-12.66*	
			For >500 To 1,000, Deduct	*-24.78*	
			For >1,000, Deduct	*-34.57*	
21 13 13 00-0187		EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	66.45	11.29
			Note: Excludes coverplate		
			For >25 To 50, Deduct	*-2.26*	
			For >50 To 100, Deduct	*-5.58*	
			For >100 To 500, Deduct	*-9.44*	
			For >500 To 1,000, Deduct	*-19.64*	
			For >1,000, Deduct	*-28.67*	
21 13 13 00-0188		EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	67.90	12.23
			Note: Excludes coverplate		
			For >25 To 50, Deduct	*-2.45*	
			For >50 To 100, Deduct	*-5.84*	
			For >100 To 500, Deduct	*-9.71*	
			For >500 To 1,000, Deduct	*-20.54*	
			For >1,000, Deduct	*-30.33*	

21 13 13 00-0189 Institutional Tamper Resistant Wet-Pipe Sprinkler Heads *(21 13 13 00-0018)*

21 13 13 00-0190		EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	178.83	9.41
			Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
			For >25 To 50, Deduct	*-1.88*	
			For >50 To 100, Deduct	*-10.82*	
			For >100 To 500, Deduct	*-23.29*	
			For >500 To 1,000, Deduct	*-38.59*	
			For >1,000, Deduct	*-46.12*	
21 13 13 00-0191		EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	174.75	9.41
			Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
			For >25 To 50, Deduct	*-1.88*	
			For >50 To 100, Deduct	*-10.62*	
			For >100 To 500, Deduct	*-22.78*	
			For >500 To 1,000, Deduct	*-37.85*	
			For >1,000, Deduct	*-45.38*	
21 13 13 00-0192		EA	1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	80.81	9.41
			For >25 To 50, Deduct	*-1.88*	
			For >50 To 100, Deduct	*-5.92*	
			For >100 To 500, Deduct	*-11.04*	
			For >500 To 1,000, Deduct	*-20.94*	
			For >1,000, Deduct	*-28.47*	
21 13 13 00-0193		EA	1/2" NPT Thread, K=5.6, Quick Response , Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	89.27	9.41
			For >25 To 50, Deduct	*-1.88*	
			For >50 To 100, Deduct	*-6.35*	
			For >100 To 500, Deduct	*-12.10*	
			For >500 To 1,000, Deduct	*-22.47*	
			For >1,000, Deduct	*-30.00*	

21 13 13 00-0194 Wet-Pipe Sprinkler Head Accessories *(21 13 13 00-0011)*

21 13 13 00-0195 Sprinkler Adjustable Steel Drop Nipple *(21 13 13 00-0194)*

21 13 13 00-0196		EA	1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150)	32.51	9.74
			For >25 To 50, Deduct	*-0.81*	
			For >50 To 100, Deduct	*-2.44*	
			For >100 To 500, Deduct	*-4.47*	
			For >500 To 1,000, Deduct	*-8.61*	
			For >1,000, Deduct	*-11.85*	
21 13 13 00-0197		EA	1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150)	32.51	9.74
			For >25 To 50, Deduct	*-0.81*	
			For >50 To 100, Deduct	*-2.44*	
			For >100 To 500, Deduct	*-4.47*	
			For >500 To 1,000, Deduct	*-8.61*	
			For >1,000, Deduct	*-11.85*	
21 13 13 00-0198		EA	1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150)	32.84	9.74
			For >25 To 50, Deduct	*-0.81*	
			For >50 To 100, Deduct	*-2.45*	
			For >100 To 500, Deduct	*-4.51*	
			For >500 To 1,000, Deduct	*-8.67*	
			For >1,000, Deduct	*-11.91*	
21 13 13 00-0199		EA	1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150)	29.42	9.74
			For >25 To 50, Deduct	*-0.81*	
			For >50 To 100, Deduct	*-2.28*	
			For >100 To 500, Deduct	*-4.08*	
			For >500 To 1,000, Deduct	*-8.05*	
			For >1,000, Deduct	*-11.30*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0200	EA	1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150)	29.42	9.74
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 500, Deduct	*-4.08*	
		For >500 To 1,000, Deduct	*-8.05*	
		For >1,000, Deduct	*-11.30*	
21 13 13 00-0201	EA	1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150)	29.42	9.74
		For >25 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-2.28*	
		For >100 To 500, Deduct	*-4.08*	
		For >500 To 1,000, Deduct	*-8.05*	
		For >1,000, Deduct	*-11.30*	
21 13 13 00-0202	EA	1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175)	32.76	10.58
		For >25 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.52*	
		For >100 To 500, Deduct	*-4.54*	
		For >500 To 1,000, Deduct	*-8.90*	
		For >1,000, Deduct	*-12.42*	

21 13 13 00-0203 Sprinkler Head Escutcheon *(21 13 13 00-0194)*

21 13 13 00-0204	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	12.32	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.90*	
		For >100 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-3.18*	
		For >1,000, Deduct	*-4.30*	
21 13 13 00-0205	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	8.95	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000, Deduct	*-3.70*	
21 13 13 00-0206	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	8.95	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000, Deduct	*-3.70*	
21 13 13 00-0207	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	12.32	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.90*	
		For >100 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-3.18*	
		For >1,000, Deduct	*-4.30*	
21 13 13 00-0208	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	8.95	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000, Deduct	*-3.70*	
21 13 13 00-0209	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	8.95	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000, Deduct	*-3.70*	
21 13 13 00-0210	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	11.71	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-3.07*	
		For >1,000, Deduct	*-4.19*	
21 13 13 00-0211	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	8.95	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000, Deduct	*-3.70*	
21 13 13 00-0212	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	8.95	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000, Deduct	*-3.70*	
21 13 13 00-0213	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	11.71	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 500, Deduct	*-1.60*	
		For >500 To 1,000, Deduct	*-3.07*	
		For >1,000, Deduct	*-4.19*	
21 13 13 00-0214	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	8.95	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000, Deduct	*-3.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0215	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	8.95	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.57*	
		For >1,000, Deduct	*-3.70*	
21 13 13 00-0216	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon	12.01	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.88*	
		For >100 To 500, Deduct	*-1.64*	
		For >500 To 1,000, Deduct	*-3.12*	
		For >1,000, Deduct	*-4.25*	
21 13 13 00-0217	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon	12.01	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.88*	
		For >100 To 500, Deduct	*-1.64*	
		For >500 To 1,000, Deduct	*-3.12*	
		For >1,000, Deduct	*-4.25*	
21 13 13 00-0218	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon	5.11	2.48
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 500, Deduct	*-0.73*	
		For >500 To 1,000, Deduct	*-1.56*	
		For >1,000, Deduct	*-2.31*	
21 13 13 00-0219	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	4.69	2.48
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.48*	
		For >1,000, Deduct	*-2.24*	
21 13 13 00-0220	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	4.80	2.48
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.26*	
21 13 13 00-0221	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon	5.19	2.48
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-1.57*	
		For >1,000, Deduct	*-2.33*	
21 13 13 00-0222	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	4.76	2.48
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.25*	
21 13 13 00-0223	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon	4.76	2.48
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000, Deduct	*-2.25*	
21 13 13 00-0224	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon	5.63	2.48
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.65*	
		For >1,000, Deduct	*-2.40*	
21 13 13 00-0225	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	4.75	2.48
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000, Deduct	*-2.25*	
21 13 13 00-0226	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	4.75	2.48
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000, Deduct	*-2.25*	
21 13 13 00-0227	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon	7.62	3.48
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-2.27*	
		For >1,000, Deduct	*-3.32*	
21 13 13 00-0228	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon	7.39	3.48
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.63*	
		For >100 To 500, Deduct	*-1.06*	
		For >500 To 1,000, Deduct	*-2.23*	
		For >1,000, Deduct	*-3.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0229	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon	7.47	3.48
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-2.24*	
		For >1,000, Deduct	*-3.29*	
21 13 13 00-0230	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon	7.70	3.48
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 500, Deduct	*-1.09*	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000, Deduct	*-3.34*	
21 13 13 00-0231	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon	7.47	3.48
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-2.24*	
		For >1,000, Deduct	*-3.29*	
21 13 13 00-0232	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon	7.62	3.48
		For >25 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-2.27*	
		For >1,000, Deduct	*-3.32*	
21 13 13 00-0233	EA	Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	14.79	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-3.62*	
		For >1,000, Deduct	*-4.75*	
21 13 13 00-0234	EA	Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	14.79	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-3.62*	
		For >1,000, Deduct	*-4.75*	
21 13 13 00-0235	EA	Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	14.79	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-3.62*	
		For >1,000, Deduct	*-4.75*	
21 13 13 00-0236	EA	Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	14.79	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-3.62*	
		For >1,000, Deduct	*-4.75*	
21 13 13 00-0237	EA	Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	14.79	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-3.62*	
		For >1,000, Deduct	*-4.75*	
21 13 13 00-0238	EA	White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	14.79	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-3.62*	
		For >1,000, Deduct	*-4.75*	
21 13 13 00-0239	EA	2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	16.88	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.13*	
		For >100 To 500, Deduct	*-2.25*	
		For >500 To 1,000, Deduct	*-4.00*	
		For >1,000, Deduct	*-5.13*	
21 13 13 00-0240	EA	2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	17.37	3.39
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-1.15*	
		For >100 To 500, Deduct	*-2.31*	
		For >500 To 1,000, Deduct	*-4.09*	
		For >1,000, Deduct	*-5.21*	

21 13 13 00-0241 Coverplate For Sprinkler Heads *(21 13 13 00-0194)*

21 13 13 00-0242	EA	Chrome Coverplate For Concealed Pendent Sprinkler Head	33.60	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-2.00*	
		For >100 To 500, Deduct	*-4.36*	
		For >500 To 1,000, Deduct	*-7.14*	
		For >1,000, Deduct	*-8.42*	
21 13 13 00-0243	EA	White Coverplate For Concealed Pendent Sprinkler Head	17.00	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 500, Deduct	*-2.29*	
		For >500 To 1,000, Deduct	*-4.15*	
		For >1,000, Deduct	*-5.43*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0244	EA	Specialty Coverplate For Concealed Pendent Sprinkler Head	24.20	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.53*	
		For >100 To 500, Deduct	*-3.19*	
		For >500 To 1,000, Deduct	*-5.44*	
		For >1,000, Deduct	*-6.72*	
21 13 13 00-0245	EA	Brass Coverplate For Concealed Sidewall Sprinkler Head	22.33	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 500, Deduct	*-2.95*	
		For >500 To 1,000, Deduct	*-5.11*	
		For >1,000, Deduct	*-6.39*	
21 13 13 00-0246	EA	Chrome Coverplate For Concealed Sidewall Sprinkler Head	18.10	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 500, Deduct	*-2.42*	
		For >500 To 1,000, Deduct	*-4.35*	
		For >1,000, Deduct	*-5.63*	
21 13 13 00-0247	EA	White Coverplate For Concealed Sidewall Sprinkler Head	18.10	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 500, Deduct	*-2.42*	
		For >500 To 1,000, Deduct	*-4.35*	
		For >1,000, Deduct	*-5.63*	
21 13 13 00-0248	EA	Off-White Coverplate For Concealed Sidewall Sprinkler Head	22.33	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 500, Deduct	*-2.95*	
		For >500 To 1,000, Deduct	*-5.11*	
		For >1,000, Deduct	*-6.39*	
21 13 13 00-0249	EA	Black Painted Coverplate For Concealed Sidewall Sprinkler Head	22.33	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 500, Deduct	*-2.95*	
		For >500 To 1,000, Deduct	*-5.11*	
		For >1,000, Deduct	*-6.39*	
21 13 13 00-0250	EA	Black Plated Coverplate For Concealed Sidewall Sprinkler Head	25.69	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 500, Deduct	*-3.37*	
		For >500 To 1,000, Deduct	*-5.71*	
		For >1,000, Deduct	*-6.99*	
21 13 13 00-0251	EA	Bright Brass Coverplate For Concealed Sidewall Sprinkler Head	25.69	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 500, Deduct	*-3.37*	
		For >500 To 1,000, Deduct	*-5.71*	
		For >1,000, Deduct	*-6.99*	
21 13 13 00-0252	EA	Satin Chrome Coverplate For Concealed Sidewall Sprinkler Head	25.69	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.60*	
		For >100 To 500, Deduct	*-3.37*	
		For >500 To 1,000, Deduct	*-5.71*	
		For >1,000, Deduct	*-6.99*	
21 13 13 00-0253	EA	Specialty Coverplate For Concealed Sidewall Sprinkler Head	22.35	3.84
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-1.44*	
		For >100 To 500, Deduct	*-2.95*	
		For >500 To 1,000, Deduct	*-5.11*	
		For >1,000, Deduct	*-6.39*	
21 13 13 00-0254	EA	White Coverplate For Quick Release Concealed Sidewall Sprinkler Head	37.45	4.51
		For >25 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 500, Deduct	*-4.87*	
		For >500 To 1,000, Deduct	*-8.02*	
		For >1,000, Deduct	*-9.53*	

21 13 13 00-0255 Sprinkler Escutcheon Extension Tube *(21 13 13 00-0194)*

21 13 13 00-0256	EA	2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	9.02	2.26
		For >25 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-2.26*	
		For >1,000, Deduct	*-3.01*	
21 13 13 00-0257	EA	2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	11.55	2.37
		For >25 To 50, Deduct	*-0.20*	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 500, Deduct	*-1.54*	
		For >500 To 1,000, Deduct	*-2.75*	
		For >1,000, Deduct	*-3.54*	
21 13 13 00-0258	EA	2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	14.37	2.48
		For >25 To 50, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 500, Deduct	*-1.90*	
		For >500 To 1,000, Deduct	*-3.29*	
		For >1,000, Deduct	*-4.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0259	EA	2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	16.89	2.60
		For >25 To 50, Deduct	*-0.22*	
		For >50 To 100, Deduct	*-1.06*	
		For >100 To 500, Deduct	*-2.22*	
		For >500 To 1,000, Deduct	*-3.77*	
		For >1,000, Deduct	*-4.64*	

21 13 13 00-0260 Sprinkler Head Guards *(21 13 13 00-0194)*

21 13 13 00-0261	EA	Universal Sprinkler Head Guard, C-1	14.64	6.77
		For >25 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.30*	
		For >100 To 500, Deduct	*-2.11*	
		For >500 To 1,000, Deduct	*-4.55*	
		For >1,000, Deduct	*-6.81*	
21 13 13 00-0262	EA	Dry Pendent Sprinkler Head Guard, C-2	15.93	6.77
		For >25 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.36*	
		For >100 To 500, Deduct	*-2.27*	
		For >500 To 1,000, Deduct	*-4.79*	
		For >1,000, Deduct	*-7.04*	
21 13 13 00-0263	EA	Upright Sprinkler Head Guard With Water Shield, C-3	18.15	6.77
		For >25 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 500, Deduct	*-2.55*	
		For >500 To 1,000, Deduct	*-5.19*	
		For >1,000, Deduct	*-7.44*	
21 13 13 00-0264	EA	Pendent Sprinkler Head Guard With Water Shield, C-5	20.87	6.77
		For >25 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 500, Deduct	*-2.89*	
		For >500 To 1,000, Deduct	*-5.68*	
		For >1,000, Deduct	*-7.93*	
21 13 13 00-0265	EA	Universal Sprinkler Head Guard, D-1	15.88	6.77
		For >25 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.36*	
		For >100 To 500, Deduct	*-2.27*	
		For >500 To 1,000, Deduct	*-4.78*	
		For >1,000, Deduct	*-7.04*	
21 13 13 00-0266	EA	Upright Sprinkler Head Guard With Water Shield, D-3	16.73	6.77
		For >25 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 500, Deduct	*-2.37*	
		For >500 To 1,000, Deduct	*-4.93*	
		For >1,000, Deduct	*-7.19*	
21 13 13 00-0267	EA	Pendent Sprinkler Head Guard With Large Water Shield, D-4	22.98	6.77
		For >25 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 500, Deduct	*-3.15*	
		For >500 To 1,000, Deduct	*-6.06*	
		For >1,000, Deduct	*-8.31*	
21 13 13 00-0268	EA	Pendent Sprinkler Head Guard With Small Water Shield, D-5	21.73	6.77
		For >25 To 50, Deduct	*-0.56*	
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 500, Deduct	*-3.00*	
		For >500 To 1,000, Deduct	*-5.83*	
		For >1,000, Deduct	*-8.09*	

21 13 13 00-0269 Flexible Sprinkler Piping *(21 13 13 00-0011)*

Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.

21 13 13 00-0270	EA	2' Long Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	47.19	11.67
		For >25 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 500, Deduct	*-6.49*	
		For >500 To 1,000, Deduct	*-12.49*	
		For >1,000, Deduct	*-17.20*	
21 13 13 00-0271	EA	3' Long Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	52.03	12.04
		For >25 To 50, Deduct	*-1.24*	
		For >50 To 100, Deduct	*-3.84*	
		For >100 To 500, Deduct	*-7.12*	
		For >500 To 1,000, Deduct	*-13.57*	
		For >1,000, Deduct	*-18.53*	
21 13 13 00-0272	EA	4' Long Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	56.99	12.80
		For >25 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-4.16*	
		For >100 To 500, Deduct	*-7.78*	
		For >500 To 1,000, Deduct	*-14.70*	
		For >1,000, Deduct	*-19.93*	
21 13 13 00-0273	EA	5' Long Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	62.14	13.54
		For >25 To 50, Deduct	*-1.38*	
		For >50 To 100, Deduct	*-4.49*	
		For >100 To 500, Deduct	*-8.46*	
		For >500 To 1,000, Deduct	*-15.89*	
		For >1,000, Deduct	*-21.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0274	EA	6' Long Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	67.48	15.06
		For >25 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 500, Deduct	*-9.17*	
		For >500 To 1,000, Deduct	*-17.15*	
		For >1,000, Deduct	*-23.03*	

21 13 13 00-0275 Sprinkler Emergency Cabinets *(21 13 13 00-0011)*

21 13 13 00-0276	EA	3 Capacity Emergency Sprinkler Cabinet, A4	65.13
21 13 13 00-0277	EA	6 Capacity Emergency Sprinkler Cabinet, A4	68.89
21 13 13 00-0278	EA	12 Capacity Emergency Sprinkler Cabinet, A4	62.80
21 13 13 00-0279	EA	12 Capacity Emergency Sprinkler Cabinet, A3	205.15
21 13 13 00-0280	EA	Sprinkler Wrench, RC1	90.92
21 13 13 00-0281	EA	Sprinkler Wrench, FC	82.33
21 13 13 00-0282	EA	Sprinkler Wrench, W2	30.07

21 13 16 Dry-Pipe Sprinkler Systems *(21 13)*

21 13 16 00-0001 Complete Dry-Pipe Sprinkler Systems *(21 13 16)*

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components.

21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

21 13 16 00-0003	EA	Exposed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	340.11
		For Up To 5, Add	*157.18*
		For >5 To 10, Add	*86.85*
		For >10 To 20, Add	*65.72*
		For >20 To 40, Add	*27.57*
		For >100 To 150, Deduct	*-34.01*
		For >150, Deduct	*-68.02*
		For Copper Pipe, Add	*40.45*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-57.45*
21 13 16 00-0004	EA	Concealed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	426.98
		For Up To 5, Add	*199.46*
		For >5 To 10, Add	*114.38*
		For >10 To 20, Add	*85.70*
		For >20 To 40, Add	*35.68*
		For >100 To 150, Deduct	*-42.70*
		For >150, Deduct	*-85.40*
		For Copper Pipe, Add	*49.71*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-71.06*

21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

21 13 16 00-0006	EA	Exposed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	345.00
		For Up To 5, Add	*158.87*
		For >5 To 10, Add	*86.68*
		For >10 To 20, Add	*65.81*
		For >20 To 40, Add	*27.69*
		For >100 To 150, Deduct	*-34.50*
		For >150, Deduct	*-69.00*
		For Copper Pipe, Add	*41.31*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-58.56*
21 13 16 00-0007	EA	Concealed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	429.75
		For Up To 5, Add	*200.23*
		For >5 To 10, Add	*113.79*
		For >10 To 20, Add	*85.46*
		For >20 To 40, Add	*35.65*
		For >100 To 150, Deduct	*-42.98*
		For >150, Deduct	*-85.95*
		For Copper Pipe, Add	*50.30*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-71.79*

21 13 16 00-0008 Extra Hazard, Dry-Pipe Sprinkler Systems *(21 13 16 00-0001)*

21 13 16 00-0009	EA	Exposed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	323.62
		For Up To 5, Add	*148.90*
		For >5 To 10, Add	*80.99*
		For >10 To 20, Add	*61.54*
		For >20 To 40, Add	*25.91*
		For >100 To 150, Deduct	*-32.36*
		For >150, Deduct	*-64.72*
		For Copper Pipe, Add	*38.82*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-55.00*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0010	EA	Concealed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	400.07	
		For Up To 5, Add	*186.41*	
		For >5 To 10, Add	*105.97*	
		For >10 To 20, Add	*79.58*	
		For >20 To 40, Add	*33.20*	
		For >100 To 150, Deduct	*-40.01*	
		For >150, Deduct	*-80.01*	
		For Copper Pipe, Add	*46.82*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-66.82*	

21 13 16 00-0011 Dry-Pipe Sprinkler System Equipment *(21 13 16 00-0001)*

21 13 16 00-0012	EA	Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	1,926.96	234.43
21 13 16 00-0013	EA	Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	2,014.01	234.43
21 13 16 00-0014	EA	Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	2,087.46	234.43
21 13 16 00-0015	EA	Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	2,373.10	234.43

21 13 16 00-0016 Dry-Pipe Sprinkler System Components *(21 13 16)*

Note: Excludes hydraulic calculations.

21 13 16 00-0017 Dry Pipe Alarm Valves *(21 13 16 00-0016)*

21 13 16 00-0018	EA	2" Dry Pipe Alarm Valve	1,345.04	599.79
21 13 16 00-0019	EA	3" Dry Pipe Alarm Valve	1,805.96	818.76
21 13 16 00-0020	EA	4" Dry Pipe Alarm Valve	3,242.62	1,146.27
21 13 16 00-0021	EA	6" Dry Pipe Alarm Valve	4,117.52	1,354.35
21 13 16 00-0022	EA	8" Dry Pipe Alarm Valve	5,090.29	1,489.79

21 13 16 00-0023 Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*

21 13 16 00-0024	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	133.78	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-8.95*	
		For >100 To 500, Deduct	*-17.85*	
		For >500 To 1,000, Deduct	*-31.76*	
		For >1,000, Deduct	*-40.79*	
21 13 16 00-0025	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	138.89	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-9.20*	
		For >100 To 500, Deduct	*-18.49*	
		For >500 To 1,000, Deduct	*-32.68*	
		For >1,000, Deduct	*-41.71*	
21 13 16 00-0026	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	143.99	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-9.46*	
		For >100 To 500, Deduct	*-19.13*	
		For >500 To 1,000, Deduct	*-33.60*	
		For >1,000, Deduct	*-42.63*	
21 13 16 00-0027	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	149.11	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-9.71*	
		For >100 To 500, Deduct	*-19.77*	
		For >500 To 1,000, Deduct	*-34.52*	
		For >1,000, Deduct	*-43.55*	
21 13 16 00-0028	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	154.22	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-9.97*	
		For >100 To 500, Deduct	*-20.41*	
		For >500 To 1,000, Deduct	*-35.44*	
		For >1,000, Deduct	*-44.47*	
21 13 16 00-0029	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	159.33	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-10.23*	
		For >100 To 500, Deduct	*-21.05*	
		For >500 To 1,000, Deduct	*-36.36*	
		For >1,000, Deduct	*-45.39*	
21 13 16 00-0030	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	164.43	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-10.48*	
		For >100 To 500, Deduct	*-21.68*	
		For >500 To 1,000, Deduct	*-37.28*	
		For >1,000, Deduct	*-46.31*	
21 13 16 00-0031	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	169.55	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-10.74*	
		For >100 To 500, Deduct	*-22.32*	
		For >500 To 1,000, Deduct	*-38.20*	
		For >1,000, Deduct	*-47.23*	
21 13 16 00-0032	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	174.65	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-10.99*	
		For >100 To 500, Deduct	*-22.96*	
		For >500 To 1,000, Deduct	*-39.12*	
		For >1,000, Deduct	*-48.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0033	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	179.76	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-11.25*	
		For >100 To 500, Deduct	*-23.60*	
		For >500 To 1,000, Deduct	*-40.04*	
		For >1,000, Deduct	*-49.07*	
21 13 16 00-0034	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	184.88	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-11.50*	
		For >100 To 500, Deduct	*-24.24*	
		For >500 To 1,000, Deduct	*-40.96*	
		For >1,000, Deduct	*-49.99*	
21 13 16 00-0035	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	189.98	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-11.76*	
		For >100 To 500, Deduct	*-24.88*	
		For >500 To 1,000, Deduct	*-41.88*	
		For >1,000, Deduct	*-50.91*	
21 13 16 00-0036	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	195.10	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-12.01*	
		For >100 To 500, Deduct	*-25.52*	
		For >500 To 1,000, Deduct	*-42.80*	
		For >1,000, Deduct	*-51.83*	
21 13 16 00-0037	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	200.20	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-12.27*	
		For >100 To 500, Deduct	*-26.15*	
		For >500 To 1,000, Deduct	*-43.71*	
		For >1,000, Deduct	*-52.75*	
21 13 16 00-0038	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	205.31	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-12.52*	
		For >100 To 500, Deduct	*-26.79*	
		For >500 To 1,000, Deduct	*-44.63*	
		For >1,000, Deduct	*-53.67*	

21 13 16 00-0039 Sidewall Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*

21 13 16 00-0040	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	132.55	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-8.89*	
		For >100 To 500, Deduct	*-17.70*	
		For >500 To 1,000, Deduct	*-31.54*	
		For >1,000, Deduct	*-40.57*	
21 13 16 00-0041	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	137.67	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-9.14*	
		For >100 To 500, Deduct	*-18.34*	
		For >500 To 1,000, Deduct	*-32.46*	
		For >1,000, Deduct	*-41.49*	
21 13 16 00-0042	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	142.79	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-9.40*	
		For >100 To 500, Deduct	*-18.98*	
		For >500 To 1,000, Deduct	*-33.38*	
		For >1,000, Deduct	*-42.42*	
21 13 16 00-0043	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	147.88	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-9.65*	
		For >100 To 500, Deduct	*-19.61*	
		For >500 To 1,000, Deduct	*-34.30*	
		For >1,000, Deduct	*-43.33*	
21 13 16 00-0044	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	152.99	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-9.91*	
		For >100 To 500, Deduct	*-20.25*	
		For >500 To 1,000, Deduct	*-35.22*	
		For >1,000, Deduct	*-44.25*	
21 13 16 00-0045	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	158.09	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-10.16*	
		For >100 To 500, Deduct	*-20.89*	
		For >500 To 1,000, Deduct	*-36.14*	
		For >1,000, Deduct	*-45.17*	
21 13 16 00-0046	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	163.22	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-10.42*	
		For >100 To 500, Deduct	*-21.53*	
		For >500 To 1,000, Deduct	*-37.06*	
		For >1,000, Deduct	*-46.09*	
21 13 16 00-0047	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	168.33	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-10.68*	
		For >100 To 500, Deduct	*-22.17*	
		For >500 To 1,000, Deduct	*-37.98*	
		For >1,000, Deduct	*-47.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0048	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	173.42	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-10.93*	
		For >100 To 500, Deduct	*-22.81*	
		For >500 To 1,000, Deduct	*-38.89*	
		For >1,000, Deduct	*-47.93*	
21 13 16 00-0049	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	178.53	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-11.19*	
		For >100 To 500, Deduct	*-23.45*	
		For >500 To 1,000, Deduct	*-39.81*	
		For >1,000, Deduct	*-48.85*	
21 13 16 00-0050	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	183.65	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-11.44*	
		For >100 To 500, Deduct	*-24.09*	
		For >500 To 1,000, Deduct	*-40.74*	
		For >1,000, Deduct	*-49.77*	
21 13 16 00-0051	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	188.75	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-11.70*	
		For >100 To 500, Deduct	*-24.72*	
		For >500 To 1,000, Deduct	*-41.65*	
		For >1,000, Deduct	*-50.69*	
21 13 16 00-0052	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	204.09	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-12.46*	
		For >100 To 500, Deduct	*-26.64*	
		For >500 To 1,000, Deduct	*-44.42*	
		For >1,000, Deduct	*-53.45*	
21 13 16 00-0053	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	209.20	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-12.72*	
		For >100 To 500, Deduct	*-27.28*	
		For >500 To 1,000, Deduct	*-45.33*	
		For >1,000, Deduct	*-54.37*	
21 13 16 00-0054	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	211.24	14.91
		For >25 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-12.82*	
		For >100 To 500, Deduct	*-27.53*	
		For >500 To 1,000, Deduct	*-45.70*	
		For >1,000, Deduct	*-54.74*	

21 13 19 Preaction Sprinkler Systems *(21 13)*

21 13 19 00-0001 Complete Preaction Sprinkler Systems *(21 13 19)*

Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.

21 13 19 00-0002 Ordinary Hazard, Preaction Sprinkler Systems *(21 13 19 00-0001)*

21 13 19 00-0003	EA	Exposed Piping, Ordinary Hazard, Preaction Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	326.00	
		For Up To 5, Add	*151.27*	
		For >5 To 10, Add	*96.51*	
		For >10 To 20, Add	*63.91*	
		For >20 To 40, Add	*26.74*	
		For >100 To 150, Deduct	*-32.60*	
		For >150, Deduct	*-65.20*	

21 13 19 00-0004 Extra Hazard, Preaction Sprinkler Systems *(21 13 19 00-0001)*

21 13 19 00-0005	EA	Exposed Piping, Extra Hazard, Preaction Sprinkler System, Per Head Note: Includes branch pipe and fittings, supports and sprinkler heads.	303.53	
		For Up To 5, Add	*140.86*	
		For >5 To 10, Add	*89.88*	
		For >10 To 20, Add	*59.53*	
		For >20 To 40, Add	*24.90*	
		For >100 To 150, Deduct	*-30.35*	
		For >150, Deduct	*-60.71*	

21 13 26 Deluge Fire-Suppression Sprinkler Systems *(21 13)*

21 13 26 00-0001 Deluge Fire-Suppression Sprinkler Systems Equipment *(21 13 26)*

See CSI section 23 21 13 23-0000 for pipe and fittings.

21 13 26 00-0002 Deluge Valves With Required Trim And Release Equipment *(21 13 26 00-0001)*

21 13 26 00-0003	EA	3" Deluge Valve With Trim And Release Equipment	4,024.57	418.22
21 13 26 00-0004	EA	4" Deluge Valve With Trim And Release Equipment	4,611.35	470.45
21 13 26 00-0005	EA	6" Deluge Valve With Trim And Release Equipment	5,755.96	684.30

21 13 39 Foam-Water Systems *(21 13)*

21 13 39 00-0001 Foam Control Valves And Monitors *(21 13 39)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 39 00-0002		Control Valves *(21 13 39 00-0001)*		
21 13 39 00-0003	EA	3" Foam Control Valve	1,993.14	418.22
21 13 39 00-0004		Supply Valves *(21 13 39 00-0001)*		
21 13 39 00-0005	EA	2-1/2" Foam Supply Valve	1,840.63	470.45
21 13 39 00-0006		Proportioners *(21 13 39 00-0001)*		
21 13 39 00-0007	EA	8" Foam Proportioner	1,656.23	684.30
21 13 39 00-0008		Monitors *(21 13 39 00-0001)*		
21 13 39 00-0009	EA	Oscillating Foam Monitor	1,911.09	94.09
21 13 41		**Fire-Suppression Sprinkler Piping** ***(21 13)***		
		See CSI section 23 21 13 23-0000 for black steel piping.		
21 13 41 00-0001		Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41)*		
		Note: SDR 13.5		
21 13 41 00-0002		Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe *(21 13 41 00-0001)*		
21 13 41 00-0003	LF	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	4.13	1.21
21 13 41 00-0004	LF	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	4.95	1.28
21 13 41 00-0005	LF	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	6.24	1.43
21 13 41 00-0006	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	7.65	1.58
21 13 41 00-0007	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	9.85	1.73
21 13 41 00-0008	LF	2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	13.52	1.96
21 13 41 00-0009	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	18.91	2.34
21 13 41 00-0010		Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0011	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	19.53	7.23
21 13 41 00-0012	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	25.82	9.03
21 13 41 00-0013	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	32.31	11.29
21 13 41 00-0014	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	36.98	12.50
21 13 41 00-0015	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	42.00	14.00
21 13 41 00-0016	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	53.33	15.88
21 13 41 00-0017	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	65.45	18.82
21 13 41 00-0018		Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0019	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	20.04	7.23
21 13 41 00-0020	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	25.00	9.03
21 13 41 00-0021	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	31.69	11.29
21 13 41 00-0022	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	35.99	12.50
21 13 41 00-0023	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	40.76	14.00
21 13 41 00-0024	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	50.21	15.88
21 13 41 00-0025	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	62.02	18.82
21 13 41 00-0026		Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0027	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	29.07	10.84
21 13 41 00-0028	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	37.92	13.63
21 13 41 00-0029	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	48.34	17.01
21 13 41 00-0030	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	55.61	18.82
21 13 41 00-0031	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	65.20	20.92
21 13 41 00-0032	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	80.43	23.86
21 13 41 00-0033	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	95.01	28.15
21 13 41 00-0034		Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0035	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	35.02	12.72
21 13 41 00-0036	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	45.69	15.88
21 13 41 00-0037	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	51.19	17.54
21 13 41 00-0038	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	60.70	19.57
21 13 41 00-0039	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	71.81	22.28
21 13 41 00-0040	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	84.47	26.27
21 13 41 00-0041		Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0042	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	39.25	14.45
21 13 41 00-0043	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	49.21	18.14
21 13 41 00-0044	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	62.02	22.65
21 13 41 00-0045	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	70.00	25.06
21 13 41 00-0046	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	82.02	27.93
21 13 41 00-0047	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	106.01	31.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0048		**Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0049	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	13.44	4.82
21 13 41 00-0050	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	18.00	6.47
21 13 41 00-0051	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	23.88	8.51
21 13 41 00-0052	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	27.27	9.41
21 13 41 00-0053	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	31.33	10.46
21 13 41 00-0054	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	37.67	11.89
21 13 41 00-0055	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	45.49	14.08
21 13 41 00-0056		**Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0057	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	6.87	2.41
21 13 41 00-0058	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	10.91	3.91
21 13 41 00-0059	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	12.54	4.21
21 13 41 00-0060	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	14.40	4.67
21 13 41 00-0061	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	17.11	5.27
21 13 41 00-0062	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	20.69	5.95
21 13 41 00-0063	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	26.99	7.07
21 13 41 00-0064		**Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0065	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	18.93	7.16
21 13 41 00-0066	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	25.10	9.33
21 13 41 00-0067	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	27.75	10.31
21 13 41 00-0068	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	31.64	11.52
21 13 41 00-0069	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	37.65	13.10
21 13 41 00-0070	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	46.06	15.51
21 13 41 00-0071		**Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0072	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	16.89	5.27
21 13 41 00-0073	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	21.69	7.16
21 13 41 00-0074		**Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0075	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	16.89	5.27
21 13 41 00-0076	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	21.69	7.16
21 13 41 00-0077		**Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0078	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	19.65	6.47
21 13 41 00-0079	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	25.14	8.13
21 13 41 00-0080	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	26.18	8.13
21 13 41 00-0081		**Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0082	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	32.24	10.84
21 13 41 00-0083	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	39.58	13.63
21 13 41 00-0084	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	51.72	17.01
21 13 41 00-0085	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	59.20	18.82
21 13 41 00-0086	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	69.57	20.92

21 20 Fire-Extinguishing Systems *(21)*

21 21 Carbon-Dioxide Fire-Extinguishing Systems *(21 20)*

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment *(21 21)*

21 21 16 00-0001		**Carbon Dioxide Cylinders** *(21 21 16)*		
21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 LB	1,423.75	197.01
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 LB (Each)	2,847.50	394.03
21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket	243.61	105.88
21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle	102.45	36.00
21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing	28.73	14.60

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 22 Clean-Agent Fire-Extinguishing Systems *(21 20)*

21 22 16 Clean-Agent Fire-Extinguishing Equipment *(21 22)*

21 22 16 00-0001 Ansul Fire Control Systems *(21 22 16)*

21 22 16 00-0002 Sapphire® Fire Suppression Systems *(21 22 16 00-0001)*

Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.

21 22 16 00-0003 Cylinders, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0004	EA	20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635) Note: 10 to 21 LB tank capacity. Excludes Sapphire agent.	1,181.21	67.17
21 22 16 00-0005	EA	40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636) Note: 20 to 46 LB tank capacity. Excludes Sapphire agent.	1,344.42	67.17
21 22 16 00-0006	EA	80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637) Note: 41 to 80 LB tank capacity. Excludes Sapphire agent.	1,365.88	67.17
21 22 16 00-0007	EA	140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638) Note: 58 to 138 LB tank capacity. Excludes Sapphire agent.	1,937.36	89.55
21 22 16 00-0008	EA	280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639) Note: 116 to 280 LB tank capacity. Excludes Sapphire agent.	2,045.25	89.55
21 22 16 00-0009	EA	390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640) Note: 161 to 388 LB tank capacity. Excludes Sapphire agent.	2,190.27	111.94
21 22 16 00-0010	EA	450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641) Note: 194 to 459 LB tank capacity. Excludes Sapphire agent.	2,321.82	111.94
21 22 16 00-0011	EA	850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586) Note: 375 to 851 LB tank capacity. Excludes Sapphire agent.	3,493.53	134.33
21 22 16 00-0012	LB	Sapphire Agent. Fire Protection Fluid, Factory Filled (Novec 1230) Note: Add to empty tank cost.	29.15	134.33

21 22 16 00-0013 Nozzles, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0014	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515)	114.27	11.20
21 22 16 00-0015	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516)	117.05	11.20
21 22 16 00-0016	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517)	124.02	11.20
21 22 16 00-0017	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	128.89	11.20
21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	135.85	11.20
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	156.72	11.20
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	114.27	11.20
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	117.05	11.20
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	124.02	11.20
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	128.89	11.20
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	135.85	11.20
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	156.72	11.20

21 22 16 00-0026 Actuation Attachments, Sapphire® Fire Suppression System *(21 22 16 00-0002)*

21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810)	11.02	3.36
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	12.21	3.36
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338)	17.63	7.84
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	38.97	10.03
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	56.25	10.03
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	67.27	10.03
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336)	34.99	10.03
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	249.40	89.55
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549)	234.56	67.17
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	508.34	89.55

21 22 16 00-0037 Nameplates, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580)	39.09	11.20
21 22 16 00-0039	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581)	42.24	11.20

21 22 16 00-0040 Cylinder Bracketing, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0041	EA	Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	120.07	33.58
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	126.34	33.58
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336)	134.34	33.58

21 22 16 00-0044 Check Valves, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0045	EA	1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	303.62	35.65
21 22 16 00-0046	EA	2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568)	428.84	61.16

21 22 16 00-0047 Discharge Hose, Sapphire® Fire Suppression Systems *(21 22 16 00-0002)*

21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539)	99.77	22.39
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538)	355.93	22.39
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990)	300.93	22.39
21 22 16 00-0051	EA	3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,312.30	89.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0052		**Swivel Adaptors, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557)	36.73	15.67
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558)	62.76	15.67
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	168.56	11.20
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470)	218.89	11.20
21 22 16 00-0057		**Pressure Switches, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	135.84	44.78
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	128.80	18.80
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	402.43	78.35
21 22 16 00-0061		**Level Indicators, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0062	EA	Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277)	447.58	15.67
21 22 16 00-0063	EA	Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	468.47	15.67
21 22 16 00-0064	EA	Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589)	503.48	22.39
21 22 16 00-0065		**Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	38.00	13.43
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	47.28	15.67
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	162.31	67.17
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	186.19	67.17
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	206.02	67.17
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	270.06	67.17
21 22 16 00-0072		**Replacement Parts, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	45.83	17.91
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	70.07	11.20
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	96.65	22.39
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	264.02	89.55
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	385.83	89.55
21 22 16 00-0078	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,239.90	89.55
21 22 16 00-0079		**Inergen® Fire Suppression System** *(21 22 16 00-0001)*		
21 22 16 00-0080		**Actuation Attachments, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	136.97	22.19
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	158.73	23.84
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	284.04	43.17
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	574.63	98.30
21 22 16 00-0085		**Check Valves, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0086	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	1,337.93	129.73
21 22 16 00-0087		**Components, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0088	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	40.75	6.80
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	477.14	72.89
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	1,485.65	228.08
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	1,420.42	232.36
21 22 16 00-0092		**Cylinders, Inergen® Fire Suppression System** *(21 22 16 00-0079)* Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,244.40	208.74
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,411.57	236.49
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,010.32	306.47
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,021.56	374.49
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	1,465.75	263.69
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,064.90	333.77
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	2,148.63	402.43
21 22 16 00-0100		**Inspection/Maintenance Devices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	46.90	7.59
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	46.90	7.59
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	56.35	8.43
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	893.83	144.84
21 22 16 00-0105		**Multiple Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502) Note: For single row 435 cubic foot cylinders.	14.99	2.22
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503) Note: For double row 435 cubic foot cylinders.	21.28	3.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0108		**Nameplates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	16.53	2.48
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	15.34	2.48
21 22 16 00-0111		**Nozzle Deflector Shields, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	66.64	10.69
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	69.94	11.20
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	81.20	12.93
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	90.59	14.60
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	103.90	16.79
21 22 16 00-0117		**Nozzles, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	102.11	16.55
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	105.90	17.03
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	97.69	15.76
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	100.33	17.03
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	116.13	18.73
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	124.14	19.95
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	133.67	21.41
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	230.18	37.47
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	304.31	49.14
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	331.81	54.01
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	118.94	19.45
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	140.27	22.78
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	115.43	18.73
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	123.24	19.86
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	124.34	19.95
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	150.10	24.23
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	161.82	26.27
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	248.39	40.32
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	290.08	47.20
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	317.85	51.58
21 22 16 00-0138		**Pressure Reducers, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0139	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	133.67	21.41
21 22 16 00-0140	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	164.05	26.67
21 22 16 00-0141	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	176.46	28.71
21 22 16 00-0142	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	248.39	40.32
21 22 16 00-0143	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	271.46	44.18
21 22 16 00-0144	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	318.94	51.58
21 22 16 00-0145	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	370.86	60.48
21 22 16 00-0146	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	438.50	71.54
21 22 16 00-0147	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	558.41	141.12
21 22 16 00-0148	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	715.89	165.45
21 22 16 00-0149	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	928.10	277.37
21 22 16 00-0150	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	545.18	141.12
21 22 16 00-0151	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	603.64	98.57
21 22 16 00-0152	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	928.10	277.37
21 22 16 00-0153	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	556.32	141.12
21 22 16 00-0154	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	627.38	102.43
21 22 16 00-0155	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	911.39	277.37
21 22 16 00-0156		**Pressure Switches, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	629.71	107.54
21 22 16 00-0158		**Releasing Device Equipment, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,030.11	166.84
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	1,461.62	222.32
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	1,546.61	226.15
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	72.64	11.50
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	87.29	15.23
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	827.78	119.03
21 22 16 00-0165		**Replacement Orifice Plates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	89.98	11.30
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	94.33	11.90
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	98.92	12.10
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	105.99	12.50
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	110.53	13.72
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	111.38	14.83
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	246.59	39.75
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	248.80	40.15
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	318.94	51.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0175		**Single Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	116.13	18.73
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705) Note: Includes saddle, padding and fasteners.	164.60	42.83
21 22 16 00-0178		**Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0179	EA	2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856) Note: Includes gasket and fasteners.	295.93	27.69
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857) Note: Includes gasket and fasteners.	254.61	41.34
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858) Note: Includes gasket and fasteners.	542.51	277.37
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859) Note: Includes gasket and fasteners.	159.62	25.86
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860) Note: Includes gasket and fasteners.	187.37	30.17
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861) Note: Includes gasket and fasteners.	538.99	277.37
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862) Note: Includes gasket and fasteners.	166.23	27.08
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863) Note: Includes gasket and fasteners.	194.69	31.57
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864) Note: Includes gasket and fasteners.	556.39	277.37
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	31.52	2.05
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	31.93	2.26
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	34.47	2.68
21 22 16 00-0191		**Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	20.35	3.29
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	166.74	25.02
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592) Note: Includes upright, left, right and center.	126.38	25.02
21 22 16 00-0195		**Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0001)*		
21 22 16 00-0196		**Accessory Switches, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	131.28	21.59
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	149.23	24.62
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	189.81	31.27
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	204.45	33.69
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	256.06	42.36
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	272.51	44.99
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	522.48	86.75
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	41.91	6.46
21 22 16 00-0205		**Alarm Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0206	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	113.75	18.76
21 22 16 00-0207	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	166.77	27.43
21 22 16 00-0208	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	15.21	2.50
21 22 16 00-0209		**Annunciators, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0210	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,311.11	217.68
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,099.07	182.37
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	853.22	141.62
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	743.07	123.27
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	743.07	123.27

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21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	595.23	98.65
21 22 16 00-0216	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,099.07	182.37
21 22 16 00-0217	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	223.48	36.92
21 22 16 00-0218	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	280.22	46.40
21 22 16 00-0219	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	561.96	93.21
21 22 16 00-0220	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	94.92	15.63
21 22 16 00-0221	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576) Note: For up to 4 LDM modules.	129.19	21.59
21 22 16 00-0222	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	223.49	36.92

21 22 16 00-0223 Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*

21 22 16 00-0224	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	174.15	30.06
21 22 16 00-0225	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	10.83	2.06
21 22 16 00-0226	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	71.88	2.50
21 22 16 00-0227	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	11.80	2.50

21 22 16 00-0228 Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*

21 22 16 00-0229	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	387.32	67.38
21 22 16 00-0230	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	232.10	40.15

21 22 16 00-0231 Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*

21 22 16 00-0232	EA	7 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	169.81	25.82
21 22 16 00-0233	EA	12 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	355.36	54.68
21 22 16 00-0234	EA	18 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	401.10	61.93
21 22 16 00-0235	EA	25 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	522.39	75.45
21 22 16 00-0236	EA	55 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	845.33	130.93
21 22 16 00-0237	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	126.87	20.78
21 22 16 00-0238	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079) Note: Holds six XP5 modules or 25AH battery pack.	226.81	37.52
21 22 16 00-0239	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410) Note: For mounting in BB-55 battery box.	461.33	76.46
21 22 16 00-0240	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) Note: For mounting in BB-55 battery box.	1,341.31	222.72
21 22 16 00-0241	EA	120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	980.90	162.80

21 22 16 00-0242 Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment *(21 22 16 00-0195)*

21 22 16 00-0243	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	103.39	17.25
21 22 16 00-0244	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	96.92	17.15
21 22 16 00-0245	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	131.82	24.62
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	194.23	32.08
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	151.38	26.03
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	142.38	25.02
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	22.69	3.99
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	83.50	14.12
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	83.38	13.72
21 22 16 00-0252	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	31.80	11.30
21 22 16 00-0253	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138) Note: Converts BX501 to low profile base.	7.67	1.25
21 22 16 00-0254	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	80.27	13.22
21 22 16 00-0255	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	47.03	7.79
21 22 16 00-0256	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	127.16	20.57

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21 22 16 00-0257	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	66.54	10.89
21 22 16 00-0258		**Manual Pull Stations, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0259	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	19.09	2.93
21 22 16 00-0260	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	11.77	1.61
21 22 16 00-0261		**Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0262	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) Note: Includes municipal box and remote station connection.	166.77	27.43
21 22 16 00-0263	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	500.32	78.88
21 22 16 00-0264	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	957.86	158.97
21 22 16 00-0265	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	25.51	4.11
21 22 16 00-0266		**Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0001)*		
21 22 16 00-0267		**Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0268	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	129.13	19.37
21 22 16 00-0269	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	307.08	29.19
21 22 16 00-0270	EA	120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	719.87	112.97
21 22 16 00-0271	EA	220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	719.87	112.97
21 22 16 00-0272	EA	120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376) Note: Includes housing and battery cab.	1,081.51	169.46
21 22 16 00-0273	EA	220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377) Note: Includes housing and battery cab.	1,081.51	169.46
21 22 16 00-0274	EA	48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	1,569.95	215.86
21 22 16 00-0275		**Blank Plates, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0276	EA	Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	23.21	3.63
21 22 16 00-0277	EA	Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	34.42	3.63
21 22 16 00-0278	EA	Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	50.47	6.86
21 22 16 00-0279	EA	Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	77.64	7.67
21 22 16 00-0280	EA	Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	99.43	15.33
21 22 16 00-0281	EA	Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	181.34	19.37
21 22 16 00-0282		**Detectors, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0283	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350) Note: Includes 3 blank plates.	5,466.49	948.18
21 22 16 00-0284	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354) Note: Includes centrally mounted LCD programmer module and standard display.	6,962.15	1,170.09
21 22 16 00-0285	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356) Note: Includes centrally mounted LCD programmer.	6,298.89	1,069.22
21 22 16 00-0286	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	8,735.00	1,412.18
21 22 16 00-0287	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	9,198.40	1,492.87
21 22 16 00-0288	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359) Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.	8,832.58	1,432.35
21 22 16 00-0289	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360) Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.	9,328.38	1,513.05
21 22 16 00-0290	EA	7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361) Note: Includes 2 blank plates and scan display module at far right.	9,600.40	1,573.57
21 22 16 00-0291	EA	12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363) Note: Includes 2 blank plates and scanner display.	10,020.88	1,654.26
21 22 16 00-0292	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365) Note: Includes centrally mounted programmer module.	10,531.63	1,734.96
21 22 16 00-0293	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367) Note: Includes centrally mounted LCD programmer module and scanner display module.	10,983.43	1,815.65
21 22 16 00-0294	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369) Note: Includes centrally mounted LCD programmer.	10,305.81	1,654.26
21 22 16 00-0295		**Displays, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0296	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381) Note: Includes a remote termination card and 7 relays.	1,641.82	221.91
21 22 16 00-0297	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385) Note: Includes a remote termination card and 7 relays.	1,649.49	221.91
21 22 16 00-0298	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383) Note: Includes a remote termination card without relays.	1,487.13	201.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0299	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387) Note: Includes a remote termination card.	1,496.04	201.74
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389) Note: Includes a remote termination card and 12 relays.	1,846.88	242.08
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391)	1,570.78	209.81
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393)	1,721.34	235.64
21 22 16 00-0303		**Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	4,163.18	665.74
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	3,423.66	532.59
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,214.80	201.74
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	870.01	131.13
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,210.23	176.72
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442) Note: Interface connects PC and LaserPLUS system.	1,468.65	217.88
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	228.07	32.69
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	1,519.70	201.74
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	1,092.98	167.44
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	857.63	129.11
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	1,094.65	167.44
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	1,092.98	167.44
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	1,078.08	157.36
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	127.88	14.12
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	5,213.53	774.68
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	9,086.48	1,355.69
21 22 16 00-0320	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	708.41	100.87
21 22 16 00-0321	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	16.03	2.02
21 22 16 00-0322	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478)	8.80	0.40
21 22 16 00-0323	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	391.21	58.51
21 22 16 00-0324	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483)	474.00	71.01
21 22 16 00-0325	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	684.38	102.88
21 22 16 00-0326	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488)	100.89	15.33
21 22 16 00-0327	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502)	16.03	3.23
21 22 16 00-0328		**Labels And Decals, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0329	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509)	14.40	2.42
21 22 16 00-0330	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505)	15.21	2.83
21 22 16 00-0331	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506)	23.21	3.63
21 22 16 00-0332	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507)	23.24	3.63
21 22 16 00-0333	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508)	84.44	13.72
21 22 16 00-0334		**Mounting Hardware, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0335	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456)	206.94	29.05
21 22 16 00-0336	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472)	278.69	38.73
21 22 16 00-0337	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	286.02	42.36
21 22 16 00-0338	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	681.72	60.52
21 22 16 00-0339	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445)	1,017.84	133.14
21 22 16 00-0340		**Pipe And Fittings, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0341	LF	3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	4.04	1.21
21 22 16 00-0342	EA	3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	6.89	2.41
21 22 16 00-0343	EA	3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	18.92	7.23
21 22 16 00-0344	EA	3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	19.55	7.23
21 22 16 00-0345	EA	3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	13.47	4.82
21 22 16 00-0346	EA	3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	21.73	7.23
21 22 16 00-0347	EA	3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	29.07	10.84
21 22 16 00-0348	EA	3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499)	36.38	12.72
21 22 16 00-0349	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	4.07	1.46
21 22 16 00-0350	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	15.73	4.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0351	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	18.48	3.23
21 22 16 00-0352	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	26.43	4.44
21 22 16 00-0353		**Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0354	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396) Note: Remote box includes 7 relays for VLP/VLC.	1,190.45	154.93
21 22 16 00-0355	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,220.29	178.33
21 22 16 00-0356	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	738.96	108.94
21 22 16 00-0357	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	843.89	123.06
21 22 16 00-0358	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) Note: Remote box includes 7 relays for VLS.	1,190.45	154.93
21 22 16 00-0359	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) Note: Remote box includes 12 relays for VLS.	1,433.66	178.33
21 22 16 00-0360	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	408.12	54.88
21 22 16 00-0361	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	614.31	83.92
21 22 16 00-0362	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,162.18	173.50
21 22 16 00-0363	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	1,704.83	254.20
21 22 16 00-0364		**Preferred® Low Pressure CO2 System** *(21 22 16 00-0001)*		
21 22 16 00-0365		**Manual Pull Stations, Preferred® Low Pressure CO2 System** *(21 22 16 00-0364)*		
21 22 16 00-0366	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) Note: Excludes FMM-101.	92.17	14.12
21 22 16 00-0367	EA	Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	68.92	10.49
21 22 16 00-0368		**Industrial Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0369		**Alarm Devices, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0370	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	2,241.03	372.21
21 22 16 00-0371	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	67.60	8.55
21 22 16 00-0372	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	67.65	11.10
21 22 16 00-0373	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	40.31	6.66
21 22 16 00-0374	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	16.47	2.71
21 22 16 00-0375		**Manual Pull Stations, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0376	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	76.17	11.70
21 22 16 00-0377	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	107.41	16.54
21 22 16 00-0378	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	838.84	129.92
21 22 16 00-0379	EA	Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	24.38	3.75
21 22 16 00-0380	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	10.93	1.67
21 22 16 00-0381		**Marine Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0382		**Alarm Devices, Marine Fire Control System** *(21 22 16 00-0381)*		
21 22 16 00-0383	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	44.17	6.78
21 22 16 00-0384	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	81.62	13.11
21 22 16 00-0385	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	81.62	13.11
21 22 16 00-0386		**FM200 System Equipment** *(21 22 16)*		
21 22 16 00-0387	EA	26 LB Cylinder, Filled, For FM200 Fire Protection system	2,123.74	97.32
21 22 16 00-0388	EA	44 LB Cylinder, Filled, For FM200 Fire Protection system	3,028.82	111.43
21 22 16 00-0389	EA	63 LB Cylinder, Filled, For FM200 Fire Protection system	3,594.84	131.38
21 22 16 00-0390	EA	101 LB Cylinder, Filled, For FM200 Fire Protection system	4,754.20	155.72
21 22 16 00-0391	EA	196 LB Cylinder, Filled, For FM200 Fire Protection system	7,404.21	194.64
21 22 16 00-0392	EA	Electro/Mechanical Release, For FM200 Fire Protection system	564.66	194.64
21 22 16 00-0393	EA	Manual Pull Station, For FM200 Fire Protection system	195.18	64.72
21 22 16 00-0394	EA	Pneumatic Damper Release, For FM200 Fire Protection system	221.54	48.66
21 22 16 00-0395	LB	FM200 Gas	16.98	
21 22 16 00-0396	EA	Master Cylinder, For FM200 Fire Protection system	3,406.28	52.36
21 22 16 00-0397	EA	Shuttle Check Valve, For FM200 Fire Protection system	525.77	73.19
21 22 16 00-0398	EA	Flex Head Cylinder, For FM200 Fire Protection system	527.08	78.44
21 22 16 00-0399	EA	Nozzles, For FM200 Fire Protection system	135.87	27.74
21 22 16 00-0400	EA	Cylinder Support, For FM200 Fire Protection system	170.23	52.36
21 22 16 00-0401	EA	Solenoid Valve, For FM200 Fire Protection system	669.96	78.44
21 22 16 00-0402	EA	Battery Back-Up, For FM200 Fire Protection system	587.13	206.90
21 22 16 00-0403	EA	Control Panel, Single Zone, For FM200 Fire Protection system	2,677.21	388.71
21 22 16 00-0404	EA	Control Panel, Multi Zone, For FM200 Fire Protection system	4,421.10	778.29
21 22 16 00-0405	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	241.51	78.44
21 22 16 00-0406	EA	Annunciator, For FM200 Fire Protection system	2,156.85	294.60
21 22 16 00-0407	EA	Pressure Switch, For FM200 Fire Protection system	258.37	78.44
21 22 16 00-0408	EA	Alarm Horn, For FM200 Fire Protection system	239.89	78.44
21 22 16 00-0409	EA	Testing, For FM200 Fire Protection system	1,016.76	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0410	EA	Abort Switch, For FM200 Fire Protection system	155.91	36.50

21 23 Wet-Chemical Fire-Extinguishing Systems *(21 20)*

21 23 16 Wet-Chemical Fire-Extinguishing Equipment *(21 23)*

21 23 16 00-0001 Kidde Fire Systems *(21 23 16)*

Note: Kidde or equal.

21 23 16 00-0002 Cylinders And Hardware *(21 23 16 00-0001)*

21 23 16 00-0003	EA	125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent	682.42	80.60
21 23 16 00-0004	EA	260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent	786.68	100.39
21 23 16 00-0005	EA	400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	964.28	123.85
21 23 16 00-0006	EA	600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent	1,138.90	146.96
21 23 16 00-0007	EA	Discharge Adapter Kit (One Required Per Cylinder)	38.15	4.21
21 23 16 00-0008	EA	System Valve Actuator	137.59	16.75
21 23 16 00-0009	EA	Vent Plug	25.89	3.40
21 23 16 00-0010	EA	Gauge Shield	59.20	8.95
21 23 16 00-0011	EA	125 Cylinder Wall Mounting Bracket	71.02	8.95
21 23 16 00-0012	EA	260 Cylinder Wall Mounting Bracket	75.27	9.50
21 23 16 00-0013	EA	400S And M Cylinder Wall Mounting Bracket	143.03	17.91
21 23 16 00-0014	EA	600 And 400M Cylinder Shelf Bracket	141.50	20.33
21 23 16 00-0015	EA	600 And 400M Cylinder Floor Mounting Kit	171.70	20.37
21 23 16 00-0016	EA	125 And 260 Cylinder Replacement Bracket Strap	24.29	
21 23 16 00-0017	EA	400 And 600 Cylinder Replacement Bracket Strap	25.47	

21 23 16 00-0018 Nozzles And Accessories *(21 23 16 00-0001)*

21 23 16 00-0019	EA	ADP, F, GRW Or R Nozzle	63.73	8.24
21 23 16 00-0020	EA	LPF Or DM Nozzle	69.04	8.24
21 23 16 00-0021	EA	LPR Nozzle	79.97	8.24
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles	47.70	5.83
21 23 16 00-0023	EA	Replacement Nozzle Seals	7.53	
21 23 16 00-0024	EA	Chrome Nozzle Disc Cap	4.63	0.53
21 23 16 00-0025	EA	LPR Nozzle Disc Cap	25.83	8.19

21 23 16 00-0026 Control Systems *(21 23 16 00-0001)*

21 23 16 00-0027	EA	XV Control System Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	710.29	53.73
21 23 16 00-0028	EA	7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System)	62.74	8.95
21 23 16 00-0029	EA	24" High Pressure Hose	73.36	8.95
21 23 16 00-0030	EA	60" High Pressure Hose	96.95	8.95
21 23 16 00-0031	EA	XV Solenoid Kit (Electric Actuator), 24 VDC	143.17	17.91
21 23 16 00-0032	EA	XV Microswitch Kit, SPDT	48.68	8.42
21 23 16 00-0033	EA	XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release	52.22	8.42
21 23 16 00-0034	EA	EMT Connector Kit (EMT Connector And O-Ring)	22.87	6.72
21 23 16 00-0035	EA	KRS-50 Control Box Assembly Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.	402.08	34.70
21 23 16 00-0036	EA	SPDT Microswitch For KRS-50	66.71	8.42
21 23 16 00-0037	EA	DPDT Microswitch For KRS-50	120.51	14.60
21 23 16 00-0038	EA	SPDT Pressure Switch (Fire Department Tie-In)	370.66	46.83

21 23 16 00-0039 Mechanical Actuation Components *(21 23 16 00-0001)*

21 23 16 00-0040	EA	Universal Detector Link Housing Kit, Mechanical Actuation Systems Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	44.91	13.43
21 23 16 00-0041	EA	XV Low Profile Link Detector Housing Kit Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	57.53	13.43
21 23 16 00-0042	EA	XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip	140.60	8.95
21 23 16 00-0043	EA	XV Remote Manual Release, Pull-To-Trip	108.75	8.95
21 23 16 00-0044	EA	Corner Pulley, Mechanical Actuation Systems	18.63	2.41
21 23 16 00-0045	EA	Double Tee Pulley, Mechanical Actuation Systems	251.35	14.78
21 23 16 00-0046	EA	In-Line Tee Pulley, Mechanical Actuation Systems	31.17	3.94
21 23 16 00-0047	EA	Corner Pulley / Quik-Seal Adapter Combination	57.32	4.48
21 23 16 00-0048	LF	1/16" Cable, Mechanical Actuation Systems	2.12	0.90
21 23 16 00-0049	EA	Cable Clamp	7.98	0.45
21 23 16 00-0050	EA	Cable Crimp Sleeve, Mechanical Actuation Systems	1.29	0.36
21 23 16 00-0051	EA	"S" Hook, Mechanical Actuation Systems	1.25	0.36
21 23 16 00-0052	EA	1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems	66.51	8.33

21 23 16 00-0053 Mechanical Detection Links *(21 23 16 00-0001)*

21 23 16 00-0054	EA	KGS Standard Response Link	15.11	4.48
21 23 16 00-0055	EA	KGS Rapid Response Link	21.26	4.48
21 23 16 00-0056	EA	KFA Type "A" Fusible Link	18.50	4.48
21 23 16 00-0057	EA	KML Type "ML" Fusible Link	17.21	4.48
21 23 16 00-0058	EA	500 Degree, KML Type "ML" Fusible Link	24.29	4.48

21 23 16 00-0059 Gas Valves *(21 23 16 00-0001)*

21 23 16 00-0060	EA	3/4" NPT Mechanical Cable Operated Gas Shut-off Valve	294.48	19.35

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0061	EA	1" NPT Mechanical Cable Operated Gas Shut-off Valve	321.53	23.82
21 23 16 00-0062	EA	1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve	370.20	30.09
21 23 16 00-0063	EA	1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	406.80	34.66
21 23 16 00-0064	EA	2" NPT Mechanical Cable Operated Gas Shut-off Valve	440.61	40.93
21 23 16 00-0065	EA	2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	727.83	59.82
21 23 16 00-0066	EA	3" NPT Mechanical Cable Operated Gas Shut-off Valve	813.59	69.23
21 23 16 00-0067	EA	Pneumatic Release (Single Unit)	334.46	21.85
21 23 16 00-0068	EA	Replacement Cable Block And Set Screw Assembly For Gas Valve	34.90	4.48
21 23 16 00-0069	EA	1/2" Electric Solenoid Gas Shut-off Valve	306.65	18.00
21 23 16 00-0070	EA	3/4" Electric Solenoid Gas Shut-off Valve	309.34	19.35
21 23 16 00-0071	EA	1" Electric Solenoid Gas Shut-off Valve	475.44	23.82
21 23 16 00-0072	EA	1-1/4" Electric Solenoid Gas Shut-off Valve	505.01	30.09
21 23 16 00-0073	EA	1-1/2" Electric Solenoid Gas Shut-off Valve	579.82	34.66
21 23 16 00-0074	EA	2" Electric Solenoid Gas Shut-off Valve	744.20	40.93
21 23 16 00-0075	EA	2-1/2" Electric Solenoid Gas Shut-off Valve	1,227.80	59.82
21 23 16 00-0076	EA	3" Electric Solenoid Gas Shut-off Valve	1,540.72	69.23
21 23 16 00-0077	EA	Manual Reset Relay	440.10	90.00
21 23 16 00-0078		**Liquid Tight Sealing Adapters** *(21 23 16 00-0001)*		
21 23 16 00-0079	EA	Compression Seal Adapter - 3/8" Tubing	34.05	3.76
21 23 16 00-0080	EA	Compression Seal Adapter - 1/2" Tubing / 1/4" Pipe	33.66	4.11
21 23 16 00-0081	EA	Compression Seal Adapter - 5/8" Tubing / 3/8" Pipe	39.55	4.93
21 23 16 00-0082	EA	Compression Seal Adapter - 3/4" Tubing / 1/2" Pipe	45.52	5.28
21 23 16 00-0083	EA	Compression Seal Adapter - 1/2" Electrical Metallic Tubing (EMT)	39.55	4.93
21 23 16 00-0084	EA	Quik-Seal Adapter - 3/8" NPT Female	33.66	4.11
21 23 16 00-0085	EA	Quik-Seal Adapter - 1/2" NPT Female	33.66	4.11
21 23 16 00-0086	EA	Quik-Seal Adapter - 3/4" NPT Female	55.34	6.98
21 23 16 00-0087	EA	Quik-Seal Adapter - 1" NPT Female	73.66	9.23
21 23 16 00-0088	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter	33.66	
21 23 16 00-0089		**Pressure Operated Releasing Systems** *(21 23 16 00-0001)*		
21 23 16 00-0090	EA	KRS-100 Nitrogen Cylinder	244.07	27.04
21 23 16 00-0091	EA	KRS-100 Actuator Assembly	219.67	27.59
21 23 16 00-0092	EA	KRS-100 Mounting Bracket	168.51	6.80
21 23 16 00-0093	EA	KRS-700S Nitrogen Cylinder	630.45	78.00
21 23 16 00-0094	EA	KRS-700 Mounting Bracket	134.22	16.66
21 23 16 00-0095	EA	KRS-700S Discharge Adapter Kit	200.95	16.66
21 23 16 00-0096	EA	Check Valve, Pressure Operated Releasing Systems	197.70	11.82
21 23 16 00-0097	EA	Vent Check, Pressure Operated Releasing Systems	61.83	7.53
21 23 16 00-0098	EA	Replacement Receiver Gasket For KRS-100 Actuator Assembly	8.12	
21 23 16 00-0099	EA	3 Pole, Double Throw Pressure Switch	505.40	62.69
21 23 16 00-0100		**Pyro-Chem Kitchen Fire Suppression Systems** *(21 23 16)*		
21 23 16 00-0101		**Cylinders, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0102	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	563.34	63.58
21 23 16 00-0103	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	811.48	91.61
21 23 16 00-0104	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	1,068.19	125.29
21 23 16 00-0105	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	116.42	14.95
21 23 16 00-0106	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	766.20	97.79
21 23 16 00-0107	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966)	467.81	59.64
21 23 16 00-0108		**Fusible Links, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0109	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522)	15.11	1.97
21 23 16 00-0110	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523)	15.11	1.97
21 23 16 00-0111	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524)	15.45	1.97
21 23 16 00-0112	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525)	15.11	1.97
21 23 16 00-0113	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526)	15.11	1.97
21 23 16 00-0114	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527)	16.35	1.97
21 23 16 00-0115	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	26.17	3.31
21 23 16 00-0116	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	33.98	4.39
21 23 16 00-0117	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	50.54	22.66
21 23 16 00-0118	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	331.32	50.41
21 23 16 00-0119		**Gas Valves, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0120	EA	3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	264.97	19.35
21 23 16 00-0121	EA	1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	302.75	23.82
21 23 16 00-0122	EA	1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	329.05	30.09
21 23 16 00-0123	EA	1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	362.72	34.57
21 23 16 00-0124	EA	2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	417.81	40.84
21 23 16 00-0125	EA	2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	954.89	59.73
21 23 16 00-0126	EA	3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	1,021.75	69.14
21 23 16 00-0127	EA	3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358)	210.08	19.35
21 23 16 00-0128	EA	1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359)	353.52	23.82
21 23 16 00-0129	EA	1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	371.57	30.09
21 23 16 00-0130	EA	1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	423.08	34.57
21 23 16 00-0131	EA	2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362)	582.44	40.84
21 23 16 00-0132	EA	2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	1,116.77	59.73
21 23 16 00-0133	EA	3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643)	1,180.90	69.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0134		**Nozzles, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0135	EA	Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	54.02	6.63
21 23 16 00-0136	EA	Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	76.20	8.42
21 23 16 00-0137	EA	Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	281.92	8.42
21 23 16 00-0138		**Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0139	EA	Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059)	20.00	2.60
21 23 16 00-0140	EA	PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	655.28	84.09
21 23 16 00-0141	EA	PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	835.16	107.55
21 23 16 00-0142		**Circuit Monitors, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0143	EA	24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	428.38	55.07
21 23 16 00-0144	EA	120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	516.86	66.36
21 23 16 00-0145		**Control Heads, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0146	EA	Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203)	472.62	60.72
21 23 16 00-0147	EA	Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	493.37	63.49
21 23 16 00-0148	EA	24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	642.56	82.57
21 23 16 00-0149	EA	120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	737.22	94.92
21 23 16 00-0150	EA	Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853)	59.88	7.70
21 23 16 00-0151		**Corner Pulleys/Tees, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0152	EA	Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670)	14.65	1.26
21 23 16 00-0153	EA	Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	15.21	1.61
21 23 16 00-0154	EA	Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166)	48.00	6.18
21 23 16 00-0155	EA	Replacement Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272)	0.64	
21 23 16 00-0156		**Switches, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0157	EA	SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227)	52.20	6.72
21 23 16 00-0158	EA	DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237)	104.54	13.34
21 23 16 00-0159	EA	Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978)	221.23	28.30
21 23 16 00-0160		**Wire Rope/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0161	LF	1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821)	1.12	0.27
21 23 16 00-0162	EA	Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122)	0.71	0.27
21 23 16 00-0163	EA	High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551)	2.59	0.36
21 23 16 00-0164	EA	"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121)	0.49	
21 23 16 00-0165		**Replacement Parts, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0166	EA	Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698)	49.64	6.45
21 23 16 00-0167	EA	Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831)	51.80	6.72
21 23 16 00-0168	EA	Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705)	6.06	0.80
21 23 16 00-0169	EA	225 psi, Wet Gage, Kitchen Fire Suppression Systems (Pyro-Chem 551236)	71.01	8.77
21 23 16 00-0170	EA	Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716)	9.99	1.26
21 23 16 00-0171	EA	Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707)	13.90	1.79
21 23 16 00-0172	EA	Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715)	6.06	0.80
21 23 16 00-0173	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528)	8.55	1.08
21 23 16 00-0174	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529)	8.36	1.08
21 23 16 00-0175	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530)	2.38	0.27
21 23 16 00-0176	EA	Replacement Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257)	4.04	
21 23 16 00-0177	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063)	77.41	
21 23 16 00-0178	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024)	522.57	
21 23 16 00-0179	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902)	680.70	
21 23 16 00-0180	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901)	787.37	
21 23 16 00-0181		**Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0182	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857)	24.28	3.05
21 23 16 00-0183	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859)	25.15	3.22
21 23 16 00-0184	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788)	48.42	6.18
21 23 16 00-0185	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240)	68.54	
21 23 16 00-0186	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188)	147.31	
21 23 16 00-0187		**Pull Stations/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0188	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	97.91	12.63
21 23 16 00-0189	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	106.83	17.73
21 23 16 00-0190	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	26.17	3.31
21 23 16 00-0191	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	3.84	1.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0192		Asco Gas Valve Control Panels *(21 23 16)*		
21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C)	1,561.01	197.01
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C)	1,609.46	197.01
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89)	513.35	44.78
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19)	481.69	44.78

21 24 Dry-Chemical Fire-Extinguishing Systems *(21 20)*

21 24 16 Dry-Chemical Fire-Extinguishing Equipment *(21 24)*

21 24 16 00-0001		Amerex KP Restaurant Fire Suppression Systems *(21 24 16)* Note: Amerex or equal.		
21 24 16 00-0002	EA	Agent Cylinder Assembly 3.75 Gallon (With Discharge Valve) Charged	432.95	69.49
21 24 16 00-0003	EA	Agent Cylinder Assembly 6 Gallon (With Discharge Valve) Charged	599.84	87.65
21 24 16 00-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon)	142.45	
21 24 16 00-0005	EA	Recharge - KP Liquid Agent (6 Gallon)	250.43	
21 24 16 00-0006	EA	Bracket Assembly Agent Cylinder 3.75 Gallon (With Distribution Hose Assembly And Distribution Outlet)	99.72	14.59
21 24 16 00-0007	EA	Bracket Assembly Agent Cylinder 6 Gallon	58.09	8.47
21 24 16 00-0008	EA	Discharge Adapter Kit 3/4 NPT - Agent Cylinder 6 Gallon	25.19	
21 24 16 00-0009	EA	Pneumatic Actuator - Agent Cylinder 6 Gallon	99.72	14.59
21 24 16 00-0010	EA	Actuator - MRM (Less N2 Cylinder And Enclosure)	250.43	36.59
21 24 16 00-0011	EA	Enclosure - MRM, Painted Steel	133.46	19.46
21 24 16 00-0012	EA	Enclosure - MRM, Stainless Steel	161.06	19.46
21 24 16 00-0013	EA	Cabinet, Stainless Steel (Single Cylinder System)	397.39	58.09
21 24 16 00-0014	EA	Actuation Hose - (N2 - 1/4" x 16")	29.99	4.37
21 24 16 00-0015	EA	Cylinder, Nitrogen - 10 CU. In. (Use For 1-10 Agent Cylinders)	133.46	19.46
21 24 16 00-0016	EA	Vent Check	23.99	3.50
21 24 16 00-0017	EA	Detector Note: Includes bracket, linkage and conduit fittings.	18.00	2.62
21 24 16 00-0018	EA	Fusible Link - 280 To 450 Degree F.	6.75	0.98
21 24 16 00-0019	EA	Test Link	2.45	
21 24 16 00-0020	EA	Corner Pulley	9.30	1.36
21 24 16 00-0021	EA	Cable, 1/16" - 500 Foot Spool	149.95	21.89
21 24 16 00-0022	EA	Pulley Tee	67.48	9.83
21 24 16 00-0023	EA	Manual Pull Station (Standard)	59.98	8.76
21 24 16 00-0024	EA	Adapter Kit - Manual Pull Station (Recess Standard Pull Station)	28.14	4.08
21 24 16 00-0025	EA	Manual Pull Station (Oversized)	66.87	9.72
21 24 16 00-0026	EA	Conduit Offset	13.35	1.94
21 24 16 00-0027	EA	Seal - 3/8" Pipe Thread (Quick-Seal)	18.39	2.73
21 24 16 00-0028	EA	Seal - 1/2" Pipe Thread (Quick-Seal)	15.00	2.24
21 24 16 00-0029	EA	3/8" Pipe Compression Seal	25.04	3.70
21 24 16 00-0030	EA	1/2" Pipe Compression Seal	25.04	3.70
21 24 16 00-0031	EA	Cap, Nozzle Blow-Off (Standard)	7.69	2.53
21 24 16 00-0032	EA	Cap, Nozzle Blow-Off (High Temperature)	16.72	2.53
21 24 16 00-0033	EA	Nozzle - Fryer, Griddle - 2 Flow Points Each	29.99	4.37
21 24 16 00-0034	EA	Nozzle - Appliance, Plenum - 1 Flow Points Each	29.99	4.37
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	29.99	4.37
21 24 16 00-0036	EA	Nozzle - Upright Charbroiler - 1/2 Flow Points Each	29.99	4.37
21 24 16 00-0037	EA	Nozzle - Duct (Only) - 2 Flow Points Each	29.99	4.37
21 24 16 00-0038	EA	Nozzle - Four Burner Range - 2 Flow Points Each	43.13	6.33
21 24 16 00-0039	EA	Gas Valve - Mechanical - 3/4" Or 1"	235.20	25.79
21 24 16 00-0040	EA	Gas Valve - Mechanical - 1-1/4" Or 1-1/2"	279.79	37.46
21 24 16 00-0041	EA	Gas Valve - Mechanical - 2"	347.55	44.27
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve)	377.88	55.16
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads	19.88	2.92
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	32.09	4.67
21 24 16 00-0045	EA	Gas Valve Trip Assembly	67.48	9.83
21 24 16 00-0046		Range Guard Fire Suppression Systems *(21 24 16)* Note: Range Guard or equal.		
21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve	460.19	75.13
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve	574.44	93.76
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve	709.18	115.79
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve	842.34	137.46
21 24 16 00-0051	EA	Vent Plug	19.33	3.14
21 24 16 00-0052	EA	Discharge Adapter Kit	24.90	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket	51.22	8.33
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket	54.22	8.86
21 24 16 00-0055	EA	4 Gallon Wall Bracket	102.38	16.75
21 24 16 00-0056	EA	6 Gallon Wall Bracket	113.47	18.54
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch	400.29	65.37
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch	417.63	68.15
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches	479.09	78.18
21 24 16 00-0060	EA	Tandem Control Head	364.05	59.46
21 24 16 00-0061	EA	Electric Control Head, 120 Volt AC / 24 Volt DC	616.19	100.57
21 24 16 00-0062	EA	Mechanical Control Box	274.21	44.78
21 24 16 00-0063	EA	Tandem Control Box	274.21	44.78
21 24 16 00-0064	EA	Mechanical Control Box Adapter	80.38	13.16
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator	241.54	39.40
21 24 16 00-0066	EA	Pressure Operated Actuator	99.28	16.21
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder	160.75	26.24
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly	163.90	26.77
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket	40.19	6.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0070	EA	BMCS-7 Nitrogen Cylinder	463.82	75.67
21 24 16 00-0071	EA	BMCS-7 Mounting Bracket	99.28	16.21
21 24 16 00-0072	EA	BMCS-7 Discharge Adapter Kit	99.28	16.21
21 24 16 00-0073	EA	Check Valve	85.66	19.26
21 24 16 00-0074	EA	Vent Check For Use With BMCS Systems	44.91	7.34
21 24 16 00-0075	EA	Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	19.54	3.19
21 24 16 00-0076	EA	Replacement Receiver Gasket For BMCS-Actuator Assembly	5.15	
21 24 16 00-0077	EA	Pneumatic Control Head For Slave Cylinders	102.44	16.75
21 24 16 00-0078	EA	Nozzles; ADP, F, R And GRW	46.96	7.70
21 24 16 00-0079	EA	Nozzles; DM And LPF	52.32	8.51
21 24 16 00-0080	EA	Swivel Adapter	33.10	5.37
21 24 16 00-0081	EA	Corner Pulley	14.18	2.32
21 24 16 00-0082	LF	1/16" Stainless Steel Cable	0.68	0.27
21 24 16 00-0083	EA	Cable Crimp Sleeve	0.81	0.27
21 24 16 00-0084	EA	"S" Hook	0.62	0.18
21 24 16 00-0085	EA	Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	48.84	7.97
21 24 16 00-0086	EA	Cable Clamp	4.36	0.71
21 24 16 00-0087	EA	Nico Sleeves - 1/16" Cable	0.62	0.18
21 24 16 00-0088	EA	3/8" Cable Anchor	51.60	8.42
21 24 16 00-0089	EA	1/2" Cable Anchor	51.60	8.42
21 24 16 00-0090	EA	Mechanical Remote Manual Release (Pull Cable)	83.47	13.61
21 24 16 00-0091	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	89.10	14.51
21 24 16 00-0092	EA	Surface Remote Manual Release, End-of-line	104.37	17.01
21 24 16 00-0093	EA	Surface Remote Manual Release, In line Conservation Kit	32.71	5.37
21 24 16 00-0094	EA	Surface Remote Manual Release, In line And End Of Line	137.02	22.29
21 24 16 00-0095	EA	Recessed Remote Manual Release, End-of-line	104.37	17.01
21 24 16 00-0096	EA	Recessed Remote Manual Release, In Line Kit	124.42	20.33
21 24 16 00-0097	EA	Pulley Tee, Remote In Line Only	22.36	3.67
21 24 16 00-0098	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	24.83	4.03
21 24 16 00-0099	EA	Fusible Link 165F To 360F	8.14	1.35
21 24 16 00-0100	EA	Fusible Link 500F	12.54	1.35
21 24 16 00-0101	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	24.83	4.03
21 24 16 00-0102	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	18.73	4.03
21 24 16 00-0103	EA	Quartzoid Link 400 F	133.87	21.85
21 24 16 00-0104	EA	Quartzoid Link 500 F	133.87	21.85
21 24 16 00-0105	EA	SPDT Micro Switch For Use With A Plus Control Box	47.98	7.79
21 24 16 00-0106	EA	DPDT Micro Switch For Use With A Plus Control Box	83.47	13.61
21 24 16 00-0107	EA	SPDT Micro Switch For Use With A Mechanical Control Box	49.62	8.06
21 24 16 00-0108	EA	DPDT Micro Switch For Use With A Mechanical Control Box	85.99	14.05
21 24 16 00-0109	EA	SPDT Micro Switch For Use With PRCB	62.99	10.30
21 24 16 00-0110	EA	DPDT Micro Switch For Use With PRCB	90.88	14.78
21 24 16 00-0111	EA	Pressure Switch, SPDT (Fire Dept. Tie In)	266.16	43.43
21 24 16 00-0112	EA	Circuit Monitor 12 Or 24 Volt DC	119.70	19.52
21 24 16 00-0113	EA	Circuit Monitor 120 Volt AC	119.70	19.52
21 24 16 00-0114	EA	Electric Manual Pull Station	87.41	14.24
21 24 16 00-0115	EA	6", 24 Volt DC, Motor Bell	48.83	7.97
21 24 16 00-0116	EA	10", 115 Volt AC Motor Bell	69.31	11.29
21 24 16 00-0117	EA	Fuse, 1.2 For ECH	5.62	0.90
21 24 16 00-0118	EA	Indicator Lamp 12 Or 24 Volt DC	24.83	4.03
21 24 16 00-0119	EA	Indicator Lamp 120 Volt AC	24.83	4.03
21 24 16 00-0120	EA	B-10 Manual Station Dual Action, SPDT	91.35	14.87
21 24 16 00-0121	EA	B-11 Manual Station Dual Action, DPDT	100.80	16.48
21 24 16 00-0122	EA	Break Rods For B10/B11 Manual Pull Station	2.95	1.17
21 24 16 00-0123	EA	Spare Key For B10/B11 Manual Stations	12.59	2.06
21 24 16 00-0124	EA	MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill	135.45	22.12
21 24 16 00-0125	EA	Suppression Abort Station	143.32	23.37
21 24 16 00-0126	EA	Suppression Abort Station With Surface Mount Back Box	166.95	27.22
21 24 16 00-0127	EA	Surface Mount Back Box	55.12	8.95
21 24 16 00-0128	EA	Single Hazard Control Unit, 120 Volt AC IP	1,023.72	166.84
21 24 16 00-0129	EA	Single Hazard Control Unit, 240 Volt AC IP	1,023.72	166.84
21 24 16 00-0130	EA	1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.	85.05	13.88
21 24 16 00-0131	EA	Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	3.32	0.62
21 24 16 00-0132	EA	Spare Scorpio Circuit Board	740.18	
21 24 16 00-0133	EA	Extra Scorpio Key	12.59	
21 24 16 00-0134	EA	Extra Scorpio Manual	7.88	
21 24 16 00-0135	EA	Compression Seal Adapter 3/8" Pipe	21.42	3.49
21 24 16 00-0136	EA	Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe	23.26	3.76
21 24 16 00-0137	EA	Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe	27.98	4.57
21 24 16 00-0138	EA	Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe	29.92	4.84
21 24 16 00-0139	EA	Quik Seal Adapter 3/8" NPT Female	23.26	3.76
21 24 16 00-0140	EA	Quik Seal Adapter 1/2" NPT Female	23.26	3.76
21 24 16 00-0141	EA	Quik Seal Adapter 3/4" NPT Female	39.79	6.54
21 24 16 00-0142	EA	Quik Seal Adapter 1" NPT Female	52.75	8.60
21 24 16 00-0143	EA	Quik Patch (Up To 1-1/8" Diameter)	23.26	3.76
21 24 16 00-0144	EA	1-1/4 Gallon Karbaloy Charge	51.76	
21 24 16 00-0145	EA	2-1/2 Gallon Karbaloy Charge	88.98	
21 24 16 00-0146	EA	4 Gallon Karbaloy Charge	134.49	
21 24 16 00-0147	EA	6 Gallon Karbaloy Charge	196.80	
21 24 16 00-0148	EA	Inlet Flushing Adapter	38.59	6.27
21 24 16 00-0149	EA	1/2" Flushing Adapter (Outlet)	38.59	6.27
21 24 16 00-0150	EA	1/8" Flushing Adapter (Outlet)	38.59	6.27
21 24 16 00-0151	EA	1/4" Flushing Adapter (Outlet)	38.59	6.27
21 24 16 00-0152	EA	3/8" Flushing Adapter (Outlet)	38.59	6.27
21 24 16 00-0153	EA	Recharge Adapter (Old Style Cylinder Valve Assembly Only)	53.55	
21 24 16 00-0154	EA	Instruction Label (In Case Of Fire) - MCB	4.34	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0155	EA	Caution Sign (Turn On Fan)	5.14	
21 24 16 00-0156	EA	Inspection Label (Authorized installers only)	3.71	
21 24 16 00-0157	EA	Label, Warning, A+ Control Box	2.75	
21 24 16 00-0158	EA	Wet Chemical System Kits, RG-1.25G Kit; #23315	677.18	110.42
21 24 16 00-0159	EA	Wet Chemical System Kits, RG-2.5G Kit; #23316	790.59	128.87
21 24 16 00-0160	EA	Wet Chemical System Kits, RG-4GS Kit; #23317	984.32	160.48
21 24 16 00-0161	EA	Wet Chemical System Kits, RG-4GT Kit; #23318	984.32	160.48
21 24 16 00-0162	EA	Wet Chemical System Kits, RG-6G Kit; #23319	1,237.87	201.76
21 24 16 00-0163	EA	Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	586.64	95.64
21 24 16 00-0164	EA	Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	551.19	89.82
21 24 16 00-0165	EA	Wet Chemical System Kits, A Plus Control Box Kit; #23322	445.68	72.63
21 24 16 00-0166	EA	Wet Chemical System Kits, Valve Rebuild Kit; #23210	771.69	125.82
21 24 16 00-0167	EA	Wet Chemical System Kits, BMCS-1 Package; #23208	707.10	115.26

21 30 Fire Pumps *(21)*

21 31 Centrifugal Fire Pumps *(21 30)*

21 31 13 Electric-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 13 00-0001 Electric-Drive Fire Pumps *(21 31 13)*

Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.

21 31 13 00-0002	EA	20 HP Electric Fire Pump	34,914.42	1,527.23
		For Duplex Pumping System, Add	*33,387.19*	
21 31 13 00-0003	EA	30 HP Electric Fire Pump	40,681.97	1,718.14
		For Duplex Pumping System, Add	*39,091.11*	
21 31 13 00-0004	EA	40 HP Electric Fire Pump	55,364.85	1,909.04
		For Duplex Pumping System, Add	*53,597.23*	
21 31 13 00-0005	EA	50 HP Electric Fire Pump	68,146.30	2,060.76
		For Duplex Pumping System, Add	*66,085.55*	
21 31 13 00-0006	EA	75 HP Electric Fire Pump	76,066.77	2,248.09
		For Duplex Pumping System, Add	*73,818.68*	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 16 00-0001 Diesel-Drive Fire Pumps *(21 31 16)*

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.

21 31 16 00-0002	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific	51,172.10	1,686.07
21 31 16 00-0003	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific	57,883.80	1,873.41
21 31 16 00-0004	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific	60,827.88	2,060.76
21 31 16 00-0005	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific	69,211.94	2,248.09
21 31 16 00-0006	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific	73,485.50	2,622.78
21 31 16 00-0007	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific	79,149.04	3,372.15
21 31 16 00-0008	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific	85,921.45	3,746.83
21 31 16 00-0009	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific	98,247.84	4,271.39
21 31 16 00-0010	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific	117,632.18	4,608.60
21 31 16 00-0011	EA	350 HP Diesel Driven Fire Pump , NFPA-20 Specific	138,000.21	5,245.56
21 31 16 00-0012	EA	400 HP Diesel Driven Fire Pump , NFPA-20 Specific	163,738.98	5,620.24
21 31 16 00-0013	EA	500 HP Diesel Driven Fire Pump , NFPA-20 Specific	184,351.60	5,994.93

21 34 Fire Pump Accessories *(21 30)*

21 34 13 Pressure Maintenance Pumps *(21 34)*

21 34 13 00-0001 Jockey Pumps *(21 34 13)*

Note: Includes pump and controller.

21 34 13 00-0002	EA	Jockey Pump And Controller	4,525.73	374.68

END OF SECTION 21

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing *(22)*

22 01 10 Operation And Maintenance Of Plumbing Piping And Pumps *(22 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs *(22 01 10)*

22 01 10 61-0001 Pipe Repair Clamps *(22 01 10 61)*

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	29.33
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	30.80
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	33.91
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	36.31
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	39.56
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	50.67
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	65.66
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	77.10
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	88.61
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	45.55
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	48.32
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	53.51
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	58.81
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	65.04
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	84.18
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	104.28
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	120.18
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	136.81
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	64.02
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	67.07
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	74.15
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	81.34
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	91.90
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	113.19
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	136.02
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	164.60
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	201.46
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	207.37
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	221.95

22 01 40 Operation and Maintenance of Plumbing Fixtures *(22 01)*

22 01 40 81 Plumbing Fixtures Replacement *(22 01 40)*

22 01 40 81-0001 Fixture And/Or Trim Replacement *(22 01 40 81)*

Note: Includes removal of existing item(s) and installation of new item(s). See CSI section 22 42 00 00-0000 for faucet replacement installation and demolition prices.

22 01 40 81-0002	EA	3/8" To 1/2" Compression Shut-off Valve Replacement With 15" Polybutylene Supply Tube	51.23
22 01 40 81-0003	EA	3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory Replacement	17.45
22 01 40 81-0004	EA	Chrome Supply Lines To Sink/Lavatory Replacement, Pair	25.11
22 01 40 81-0005	EA	Single Bowl Sink/Lavatory Drain Line Replacement	34.83
22 01 40 81-0006	EA	Double Bowl Sink/Lavatory Drain Line Replacement	54.31
22 01 40 81-0007	EA	Shower Head, Polished Chrome, Replacement	36.70
22 01 40 81-0008	EA	Shower Arm Replacement	32.07
22 01 40 81-0009	EA	Shower Head Replacement	36.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 40 81-0010	EA	Shower Knob Replacement	30.03	
22 01 40 81-0011	EA	Shower and Tub Control Trim Replacement Note: Excludes balancing valve.	82.32	
22 01 40 81-0012	EA	Sink Basket Strainer Replacement	20.57	
22 01 40 81-0013	EA	Sink Drain Without Stopper, 1-1/2" Replacement	11.80	
22 01 40 81-0014	EA	Sink Drain Without Stopper, 4-1/2" Replacement	12.32	
22 01 40 81-0015	EA	Sink Drain With Stopper, 1-1/2" Replacement	11.80	
22 01 40 81-0016	EA	1" Sink Rubber Stopper Replacement	7.94	
22 01 40 81-0017	EA	Sink Tailpiece Extension 1-1/2" x 8" Replacement	21.60	
22 01 40 81-0018	EA	Sink Trap, Adjustable, 1-1/2" Replacement	33.75	
22 01 40 81-0019	EA	Lavatory Pop-Up Rod Replacement	23.61	
22 01 40 81-0020	EA	Lavatory Pop-up Drain Stopper Replacement	26.55	
22 01 40 81-0021	EA	Faucet Handle Replacement	29.84	
22 01 40 81-0022	EA	Faucet O-Ring Replacement	22.57	
22 01 40 81-0023	EA	1-1/2" Faucet Hole Cover	14.89	
22 01 40 81-0024	EA	Toilet Ballcock Replacement	33.23	
22 01 40 81-0025	EA	Toilet Bowl Ring, Flat Wax, Replacement Note: Excludes removal of toilet.	6.33	
22 01 40 81-0026	EA	Toilet Tank Replacement	134.42	
22 01 40 81-0027	EA	Toilet Bowl, 10" Replacement	165.60	
22 01 40 81-0028	EA	Toilet Bowl, 10", Low-Flush Watersaver, Replacement	179.16	
22 01 40 81-0029	EA	Toilet Bowl, 12", Replacement	192.25	
22 01 40 81-0030	EA	Toilet Bowl, Elongated, 18", Replacement	170.16	
22 01 40 81-0031	EA	Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers Replacement	20.00	
22 01 40 81-0032	EA	Toilet Flapper With Chain Replacement	15.41	
22 01 40 81-0033	EA	Toilet Flush Tank Lever Replacement	16.41	
22 01 40 81-0034	EA	Elongated Toilet Seat With Lid Replacement	91.05	
22 01 40 81-0035	EA	Elongated Toilet Seat Without Lid Replacement	77.02	
22 01 40 81-0036	EA	Handicap Toilet Seat Replacement, Complete With Rails	133.67	
22 01 40 81-0037	EA	Diverter Tub Spout Replacement	45.47	
22 01 40 81-0038	EA	Tub Spout Replacement	32.99	
22 01 40 81-0039	EA	2" Tub Stopper, Replacement	9.23	
22 01 40 81-0040	EA	Tub Waste/Overflow Replacement	64.73	
22 01 40 81-0041	EA	Tub Stem Bonnet Assembly Replacement	32.42	
22 01 40 81-0042	EA	Faucet Bonnet Replacement	36.12	
22 01 40 81-0043	EA	Faucet Diverter Stem Replacement	22.53	
22 01 40 81-0044	EA	Faucet Diverter Stem And Bonnet Replacement	30.08	
22 01 40 81-0045	EA	Faucet Spout Replacement	34.55	
22 01 40 81-0046	EA	Faucet Stem Replacement	25.21	
22 01 40 81-0047	EA	Chrome Plated Plastic Drinking Fountain Bubbler Valve With Flexible Bubbler Guard Replacement	156.18	
22 01 40 81-0048	EA	Chrome Plated Brass Drinking Fountain Bubbler Valve Replacement	194.42	
22 01 40 81-0049	EA	Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve Replacement	121.03	

22 05 Common Work Results for Plumbing *(22)*

22 05 13 Common Motor Requirements For Plumbing Equipment *(22 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings And Loops For Plumbing Piping *(22 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping *(22 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters And Gages For Plumbing Piping *(22 05)*

See CSI section 23 05 19 00-0000 for gages, 33 19 11 00-0000 for water utility service metering.

22 05 23 General-Duty Valves For Plumbing Piping *(22 05)*

See CSI section 23 05 23 00-0000 for valves.

22 05 29 Hangers And Supports For Plumbing Piping And Equipment *(22 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 33 Heat Tracing For Plumbing Piping *(22 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

22 05 48 Vibration And Seismic Controls For Plumbing Piping And Equipment *(22 05)*

22 05 48 13 Vibration Controls For Plumbing Piping And Equipment *(22 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

22 05 53 Identification For Plumbing Piping And Equipment *(22 05)*

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts *(22 05)*

22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover *(22 05 76)*
Note: For floor installation.

22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover *(22 05 76 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0003	EA	2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	532.45	51.76
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0004	EA	3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	576.49	64.90
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0005	EA	4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	719.52	78.41
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0006	EA	5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	1,029.52	87.75
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0007	EA	6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	1,265.60	95.06
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	

22 05 76 00-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover *(22 05 76 00-0001)*

22 05 76 00-0009	EA	2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	612.64	51.76
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0010	EA	3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	657.88	64.80
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0011	EA	4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	800.98	78.41
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0012	EA	5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	1,111.03	87.75
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
22 05 76 00-0013	EA	6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover	1,347.03	95.06
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	

22 05 76 00-0014 Wall Cover For Cleanout *(22 05 76)*

Note: Cover and screw only.

22 05 76 00-0015 Round Access Cover, Bronze Polished Top *(22 05 76 00-0014)*

Note: Cover and screw only.

22 05 76 00-0016	EA	4-1/4" Diameter Wall Cover For Cleanout, Screwed	80.80	16.25
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0017	EA	5-1/2" Diameter Wall Cover For Cleanout, Screwed	87.29	19.46
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0018	EA	7" Diameter Wall Cover For Cleanout, Screwed	111.24	21.89
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0019	EA	9-1/4" Diameter Wall Cover For Cleanout, Screwed	187.38	24.33
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0020	EA	11-1/4" Diameter Wall Cover For Cleanout, Screwed	281.35	26.75
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	

22 05 76 00-0021 Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*

Note: Cover and screw only.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0022	EA	7" x 7" Bronze Wall Or Floor Access Cover	418.58	16.25
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0023	EA	9" x 9" Bronze Wall Or Floor Access Cover	602.55	17.03
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0024	EA	10" x 10" Bronze Wall Or Floor Access Cover	643.83	18.00
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0025	EA	14" x 14" Bronze Wall Or Floor Access Cover	720.20	20.44
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	

22 05 76 00-0026 Secured Square Wall Access Panel, Bronze Polished Top *(22 05 76 00-0014)*

Note: Cover and screw only.

22 05 76 00-0027	EA	6" x 6" Bronze Secured Wall Access Panel	418.04	16.25
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0028	EA	8" x 8" Bronze Secured Wall Access Panel	601.76	17.03
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0029	EA	10" x 10" Bronze Secured Wall Access Panel	642.97	18.00
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0030	EA	12" x 12" Bronze Secured Wall Access Panel	719.26	20.44
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	

22 05 76 00-0031 Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated *(22 05 76 00-0014)*

Note: Cover and screw only.

22 05 76 00-0032	EA	6" x 6" Bronze Secured Hinged Access Panel, Scoriated	405.55	16.25
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0033	EA	8" x 8" Bronze Secured Hinged Access Panel, Scoriated	560.70	17.03
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0034	EA	10" x 10" Bronze Secured Hinged Access Panel, Scoriated	794.72	18.00
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0035	EA	12" x 12" Bronze Secured Hinged Access Panel, Scoriated	962.05	20.44
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	

22 05 76 00-0036 Cast Iron Cleanout Tee *(22 05 76)*

22 05 76 00-0037 Cast Iron Cleanout Tee And Round Access Cover *(22 05 76 00-0036)*

Note: Satin smooth secured cover.

22 05 76 00-0038	EA	2" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	388.24	51.76
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*42.71*	
		For Galvanized Cast Iron Parts, Add	*88.80*	
22 05 76 00-0039	EA	3" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	444.07	64.80
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*47.16*	
		For Galvanized Cast Iron Parts, Add	*88.80*	
22 05 76 00-0040	EA	4" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	579.30	78.41
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*63.36*	
		For Galvanized Cast Iron Parts, Add	*88.80*	
22 05 76 00-0041	EA	6" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover	1,376.20	95.06
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*177.93*	
		For Galvanized Cast Iron Parts, Add	*88.80*	

22 05 76 00-0042 Cast Iron Cleanout Tee And Square Access Cover *(22 05 76 00-0036)*

Note: Satin smooth secured cover.

22 05 76 00-0043	EA	2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	672.97	51.76
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*85.42*	
		For Galvanized Cast Iron Parts, Add	*88.80*	
22 05 76 00-0044	EA	3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	728.81	64.80
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*89.87*	
		For Galvanized Cast Iron Parts, Add	*88.80*	
22 05 76 00-0045	EA	4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	845.14	78.41
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*103.23*	
		For Galvanized Cast Iron Parts, Add	*88.80*	
22 05 76 00-0046	EA	6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,760.79	95.06
		For Vandal Proof Screws, Add	*19.50*	
		For Scoriated Hinged Cover, Add	*235.62*	
		For Galvanized Cast Iron Parts, Add	*88.80*	

22 05 76 00-0047 Cast Iron Cleanout Tee With Brass Plug *(22 05 76 00-0036)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0048	EA	2" Cleanout Tee With Cast Bronze Screw Plug	318.14	42.32
22 05 76 00-0049	EA	3" Cleanout Tee With Cast Bronze Screw Plug	355.61	46.21
22 05 76 00-0050	EA	4" Cleanout Tee With Cast Bronze Screw Plug	473.88	60.80
22 05 76 00-0051	EA	5" Cleanout Tee With Cast Bronze Screw Plug	710.84	72.00
22 05 76 00-0052	EA	6" Cleanout Tee With Cast Bronze Screw Plug	1,209.48	85.13

22 05 76 00-0053 Removable Cleanout Plug *(22 05 76)*

22 05 76 00-0054 Threaded Bronze Plugs *(22 05 76 00-0053)*

22 05 76 00-0055	EA	1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	59.94	12.16
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0056	EA	2-1/2" Threaded Bronze Plug	71.58	13.23
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0057	EA	3" Threaded Bronze Plug	121.29	14.59
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0058	EA	3-1/2" Threaded Bronze Plug	135.86	17.03
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0059	EA	4" Threaded Bronze Plug	153.65	19.46
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0060	EA	5" Threaded Bronze Plug	215.04	21.89
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0061	EA	6" Threaded Bronze Plug	315.18	24.33
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0062	EA	8" Threaded Bronze Plug	529.91	26.75
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0063	EA	10" Threaded Bronze Plug	760.86	29.18
		For Plug Tapped For Center Screw, Add	*9.50*	

22 05 76 00-0064 Threaded Brass Plugs *(22 05 76 00-0053)*

22 05 76 00-0065	EA	1-1/2" Threaded Brass Plug, Raised Head	39.86	12.16
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0066	EA	2" Threaded Brass Plug, Raised Head	42.56	12.16
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0067	EA	2-1/2" Threaded Brass Plug, Raised Head	47.63	13.23
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0068	EA	3" Threaded Brass Plug, Raised Head	56.41	14.59
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0069	EA	3-1/2" Threaded Brass Plug, Raised Head	68.59	17.03
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0070	EA	4" Threaded Brass Plug, Raised Head	85.71	19.46
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0071	EA	4-1/2" Threaded Brass Plug, Raised Head	94.16	20.50
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head	104.34	21.89
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head	174.77	24.32
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head	37.75	12.16
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head	40.72	12.16
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head	53.50	13.23
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head	57.27	14.59
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head	66.05	17.03
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head	81.72	19.46
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head	102.15	21.89
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head	139.60	24.33
		For Plug Tapped For Center Screw, Add	*9.50*	

22 07 Plumbing Insulation *(22)*

22 07 16 Plumbing Equipment Insulation *(22 07)*

22 07 16 00-0001 Lavatory Insulation *(22 07 16)*

22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	218.46	21.62

22 07 19 Plumbing Piping Insulation *(22 07)*

22 07 19 00-0001 Fiberglass Pipe Insulation *(22 07 19)*

Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0002 1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0001)*

22 07 19 00-0003	LF	1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.12	2.11
22 07 19 00-0004	LF	3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.27	2.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0005	LF	1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.72	2.21
22 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.01	2.30
22 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.24	2.30
22 07 19 00-0008	LF	2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.72	2.40
22 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.14	2.49
22 07 19 00-0010	LF	3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.65	2.59
22 07 19 00-0011	LF	4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.96	2.79
22 07 19 00-0012	LF	6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.95	3.27
22 07 19 00-0013		**1" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0014	LF	1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.56	2.89
22 07 19 00-0015	LF	3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.80	2.89
22 07 19 00-0016	LF	1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.95	2.89
22 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.33	2.98
22 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.60	2.98
22 07 19 00-0019	LF	2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.05	3.08
22 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.65	3.27
22 07 19 00-0021	LF	3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.25	3.36
22 07 19 00-0022	LF	4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.87	3.56
22 07 19 00-0023	LF	6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.03	4.13
22 07 19 00-0024	LF	8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.81	4.62
22 07 19 00-0025	LF	10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.31	5.48
22 07 19 00-0026	LF	12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.74	6.25
22 07 19 00-0027	LF	14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.87	6.82
22 07 19 00-0028		**1-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0029	LF	1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.61	2.97
22 07 19 00-0030	LF	3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.76	2.97
22 07 19 00-0031	LF	1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.43	3.14
22 07 19 00-0032	LF	1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.87	3.21
22 07 19 00-0033	LF	1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.24	3.27
22 07 19 00-0034	LF	2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.12	3.44
22 07 19 00-0035	LF	2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.75	3.50
22 07 19 00-0036	LF	3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.23	3.62
22 07 19 00-0037	LF	4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.80	3.92
22 07 19 00-0038	LF	6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.46	4.58
22 07 19 00-0039	LF	8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.87	4.83
22 07 19 00-0040	LF	10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.73	5.77
22 07 19 00-0041	LF	12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.32	6.73
22 07 19 00-0042	LF	14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	33.95	7.37
22 07 19 00-0043		**2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0044	LF	1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.33	3.27
22 07 19 00-0045	LF	3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.51	3.27
22 07 19 00-0046	LF	1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.00	3.36
22 07 19 00-0047	LF	1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.45	3.36
22 07 19 00-0048	LF	1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.92	3.46
22 07 19 00-0049	LF	2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.52	3.56
22 07 19 00-0050	LF	2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.37	3.65
22 07 19 00-0051	LF	3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.28	3.84
22 07 19 00-0052	LF	4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.99	4.03
22 07 19 00-0053	LF	6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.65	4.74
22 07 19 00-0054	LF	8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.86	5.01
22 07 19 00-0055	LF	10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.14	5.98
22 07 19 00-0056	LF	12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	36.94	7.18
22 07 19 00-0057	LF	14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	47.05	7.83
22 07 19 00-0058	LF	16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	49.71	9.18
22 07 19 00-0059	LF	18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	55.22	9.64
22 07 19 00-0060	LF	20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	62.57	11.01
22 07 19 00-0061	LF	24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	72.70	13.32
22 07 19 00-0062		**2-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0063	LF	1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.79	3.84
22 07 19 00-0064	LF	3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.04	3.84
22 07 19 00-0065	LF	1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.76	3.84
22 07 19 00-0066	LF	1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.29	3.94
22 07 19 00-0067	LF	1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.85	3.94
22 07 19 00-0068	LF	2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.67	4.13
22 07 19 00-0069	LF	2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.84	4.22
22 07 19 00-0070	LF	3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.91	4.43
22 07 19 00-0071	LF	4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.35	4.62
22 07 19 00-0072	LF	6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.07	4.90
22 07 19 00-0073	LF	8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	38.89	5.86
22 07 19 00-0074	LF	10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	46.46	6.73
22 07 19 00-0075	LF	12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	52.76	8.36
22 07 19 00-0076	LF	14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	59.67	9.22
22 07 19 00-0077	LF	16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	70.17	11.73
22 07 19 00-0078	LF	18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	75.48	12.30
22 07 19 00-0079	LF	20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	85.67	14.03
22 07 19 00-0080	LF	24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	100.74	16.96

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0081		**3" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0082	LF	1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.62	4.24
22 07 19 00-0083	LF	3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.89	4.24
22 07 19 00-0084	LF	1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.63	4.28
22 07 19 00-0085	LF	1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.20	4.31
22 07 19 00-0086	LF	1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.85	4.36
22 07 19 00-0087	LF	2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.70	4.53
22 07 19 00-0088	LF	2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.98	4.68
22 07 19 00-0089	LF	3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.16	4.86
22 07 19 00-0090	LF	4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.86	5.12
22 07 19 00-0091	LF	6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	31.93	5.81
22 07 19 00-0092	LF	8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	42.70	6.48
22 07 19 00-0093	LF	10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	51.03	7.47
22 07 19 00-0094	LF	12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	57.95	9.29
22 07 19 00-0095	LF	14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	65.57	10.15
22 07 19 00-0096	LF	16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	77.09	12.96
22 07 19 00-0097	LF	18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	82.93	13.62
22 07 19 00-0098	LF	20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	94.13	15.57
22 07 19 00-0099	LF	24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	110.67	18.80
22 07 19 00-0100		**3-1/2" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0101	LF	1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.14	4.62
22 07 19 00-0102	LF	3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.46	4.62
22 07 19 00-0103	LF	1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.53	4.62
22 07 19 00-0104	LF	1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.14	4.71
22 07 19 00-0105	LF	1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.89	4.71
22 07 19 00-0106	LF	2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.78	4.90
22 07 19 00-0107	LF	2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.18	5.09
22 07 19 00-0108	LF	3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.38	5.29
22 07 19 00-0109	LF	4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.44	5.57
22 07 19 00-0110	LF	6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.86	6.35
22 07 19 00-0111	LF	8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	46.64	7.02
22 07 19 00-0112	LF	10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	55.75	8.08
22 07 19 00-0113	LF	12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	63.30	10.09
22 07 19 00-0114	LF	14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	71.63	11.05
22 07 19 00-0115	LF	16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	84.22	14.03
22 07 19 00-0116	LF	18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	90.58	14.80
22 07 19 00-0117	LF	20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	102.83	16.92
22 07 19 00-0118	LF	24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	120.89	20.38
22 07 19 00-0119		**4" Thick Fiberglass Pipe Insulation** *(22 07 19 00-0001)*		
22 07 19 00-0120	LF	1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.97	5.19
22 07 19 00-0121	LF	3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.33	5.19
22 07 19 00-0122	LF	1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.30	5.19
22 07 19 00-0123	LF	1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.10	5.29
22 07 19 00-0124	LF	1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.19	5.48
22 07 19 00-0125	LF	2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.18	5.67
22 07 19 00-0126	LF	2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.44	5.67
22 07 19 00-0127	LF	3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.92	5.95
22 07 19 00-0128	LF	4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.22	6.25
22 07 19 00-0129	LF	6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	39.22	7.11
22 07 19 00-0130	LF	8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	52.46	7.68
22 07 19 00-0131	LF	10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	62.71	9.13
22 07 19 00-0132	LF	12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	71.24	11.34
22 07 19 00-0133	LF	14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	80.60	12.40
22 07 19 00-0134	LF	16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	94.80	15.86
22 07 19 00-0135	LF	18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	101.87	16.62
22 07 19 00-0136	LF	20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	114.21	19.03
22 07 19 00-0137	LF	24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	136.02	22.97
22 07 19 00-0138		**Foamglas Pipe Insulation, Rigid, Closed Cell** *(22 07 19)*		
		Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
22 07 19 00-0139		**1" Thick Foamglas Pipe Insulation** *(22 07 19 00-0138)*		
22 07 19 00-0140	LF	1/2" Diameter Pipe, 1" Thick Foamglas Insulation	16.51	4.69
		For Work In Restricted Working Space, Add	*4.26*	
22 07 19 00-0141	LF	3/4" Diameter Pipe, 1" Thick Foamglas Insulation	17.09	4.69
		For Work In Restricted Working Space, Add	*4.26*	
22 07 19 00-0142	LF	1" Diameter Pipe, 1" Thick Foamglas Insulation	17.89	4.76
		For Work In Restricted Working Space, Add	*4.32*	
22 07 19 00-0143	LF	1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	18.30	4.83
		For Work In Restricted Working Space, Add	*4.39*	
22 07 19 00-0144	LF	1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	18.91	4.89
		For Work In Restricted Working Space, Add	*4.45*	
22 07 19 00-0145	LF	2" Diameter Pipe, 1" Thick Foamglas Insulation	20.07	5.03
		For Work In Restricted Working Space, Add	*4.58*	
22 07 19 00-0146	LF	2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	21.53	5.24
		For Work In Restricted Working Space, Add	*4.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0147	LF	3" Diameter Pipe, 1" Thick Foamglas Insulation	23.09	5.37
		For Work In Restricted Working Space, Add	*4.88*	
22 07 19 00-0148	LF	4" Diameter Pipe, 1" Thick Foamglas Insulation	26.49	5.77
		For Work In Restricted Working Space, Add	*5.25*	
22 07 19 00-0149	LF	6" Diameter Pipe, 1" Thick Foamglas Insulation	33.33	6.52
		For Work In Restricted Working Space, Add	*5.93*	

22 07 19 00-0150 1-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0151	LF	1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	19.33	5.20
		For Work In Restricted Working Space, Add	*4.58*	
22 07 19 00-0152	LF	3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	19.70	5.20
		For Work In Restricted Working Space, Add	*4.58*	
22 07 19 00-0153	LF	1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	20.27	5.27
		For Work In Restricted Working Space, Add	*4.64*	
22 07 19 00-0154	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	20.74	5.33
		For Work In Restricted Working Space, Add	*4.70*	
22 07 19 00-0155	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	21.18	5.41
		For Work In Restricted Working Space, Add	*4.76*	
22 07 19 00-0156	LF	2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	22.83	5.58
		For Work In Restricted Working Space, Add	*4.91*	
22 07 19 00-0157	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.63	5.79
		For Work In Restricted Working Space, Add	*5.10*	
22 07 19 00-0158	LF	3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	28.11	5.96
		For Work In Restricted Working Space, Add	*5.25*	
22 07 19 00-0159	LF	4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	31.67	6.36
		For Work In Restricted Working Space, Add	*5.60*	
22 07 19 00-0160	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	37.16	7.20
		For Work In Restricted Working Space, Add	*6.33*	
22 07 19 00-0161	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	41.54	8.03
		For Work In Restricted Working Space, Add	*7.06*	
22 07 19 00-0162	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	50.19	9.25
		For Work In Restricted Working Space, Add	*8.14*	
22 07 19 00-0163	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	59.77	11.51
		For Work In Restricted Working Space, Add	*10.12*	
22 07 19 00-0164	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	66.31	12.10
		For Work In Restricted Working Space, Add	*11.00*	
22 07 19 00-0165	LF	16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	73.07	13.52
		For Work In Restricted Working Space, Add	*12.29*	
22 07 19 00-0166	LF	18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	83.12	15.98
		For Work In Restricted Working Space, Add	*14.53*	
22 07 19 00-0167	LF	20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	92.79	17.69
		For Work In Restricted Working Space, Add	*16.09*	
22 07 19 00-0168	LF	24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	114.75	19.60
		For Work In Restricted Working Space, Add	*17.82*	

22 07 19 00-0169 2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0170	LF	1/2" Diameter Pipe, 2" Thick Foamglas Insulation	21.60	5.37
		For Work In Restricted Working Space, Add	*4.88*	
22 07 19 00-0171	LF	3/4" Diameter Pipe, 2" Thick Foamglas Insulation	22.18	5.37
		For Work In Restricted Working Space, Add	*4.88*	
22 07 19 00-0172	LF	1" Diameter Pipe, 2" Thick Foamglas Insulation	22.93	5.43
		For Work In Restricted Working Space, Add	*4.94*	
22 07 19 00-0173	LF	1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	24.05	5.51
		For Work In Restricted Working Space, Add	*5.00*	
22 07 19 00-0174	LF	1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	25.17	5.57
		For Work In Restricted Working Space, Add	*5.07*	
22 07 19 00-0175	LF	2" Diameter Pipe, 2" Thick Foamglas Insulation	27.94	5.77
		For Work In Restricted Working Space, Add	*5.25*	
22 07 19 00-0176	LF	2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	29.26	5.98
		For Work In Restricted Working Space, Add	*5.44*	
22 07 19 00-0177	LF	3" Diameter Pipe, 2" Thick Foamglas Insulation	31.30	6.18
		For Work In Restricted Working Space, Add	*5.62*	
22 07 19 00-0178	LF	4" Diameter Pipe, 2" Thick Foamglas Insulation	35.06	6.53
		For Work In Restricted Working Space, Add	*5.93*	
22 07 19 00-0179	LF	6" Diameter Pipe, 2" Thick Foamglas Insulation	41.76	7.41
		For Work In Restricted Working Space, Add	*6.74*	
22 07 19 00-0180	LF	8" Diameter Pipe, 2" Thick Foamglas Insulation	46.49	8.27
		For Work In Restricted Working Space, Add	*7.51*	
22 07 19 00-0181	LF	10" Diameter Pipe, 2" Thick Foamglas Insulation	56.36	9.52
		For Work In Restricted Working Space, Add	*8.66*	
22 07 19 00-0182	LF	12" Diameter Pipe, 2" Thick Foamglas Insulation	69.82	11.84
		For Work In Restricted Working Space, Add	*10.76*	
22 07 19 00-0183	LF	14" Diameter Pipe, 2" Thick Foamglas Insulation	74.72	12.92
		For Work In Restricted Working Space, Add	*11.75*	
22 07 19 00-0184	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	88.87	16.52
		For Work In Restricted Working Space, Add	*15.02*	
22 07 19 00-0185	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	96.60	17.35
		For Work In Restricted Working Space, Add	*15.77*	
22 07 19 00-0186	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	107.14	19.82
		For Work In Restricted Working Space, Add	*18.02*	
22 07 19 00-0187	LF	24" Diameter Pipe, 2" Thick Foamglas Insulation	134.00	23.95
		For Work In Restricted Working Space, Add	*21.78*	

22 07 19 00-0188 2-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0189	LF	1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	25.93	5.82
		For Work In Restricted Working Space, Add	*5.30*	
22 07 19 00-0190	LF	3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	26.90	5.81
		For Work In Restricted Working Space, Add	*5.29*	
22 07 19 00-0191	LF	1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	28.18	5.91
		For Work In Restricted Working Space, Add	*5.38*	
22 07 19 00-0192	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	29.29	5.95
		For Work In Restricted Working Space, Add	*5.42*	
22 07 19 00-0193	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	30.42	6.00
		For Work In Restricted Working Space, Add	*5.46*	
22 07 19 00-0194	LF	2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	32.53	6.25
		For Work In Restricted Working Space, Add	*5.69*	
22 07 19 00-0195	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	34.54	6.47
		For Work In Restricted Working Space, Add	*5.88*	
22 07 19 00-0196	LF	3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	37.37	6.69
		For Work In Restricted Working Space, Add	*6.08*	
22 07 19 00-0197	LF	4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	41.70	7.05
		For Work In Restricted Working Space, Add	*6.41*	
22 07 19 00-0198	LF	6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	49.70	8.03
		For Work In Restricted Working Space, Add	*7.30*	
22 07 19 00-0199	LF	8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	55.37	8.95
		For Work In Restricted Working Space, Add	*8.13*	
22 07 19 00-0200	LF	10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	63.22	10.31
		For Work In Restricted Working Space, Add	*9.38*	
22 07 19 00-0201	LF	12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	78.72	12.82
		For Work In Restricted Working Space, Add	*11.66*	
22 07 19 00-0202	LF	14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	82.33	13.99
		For Work In Restricted Working Space, Add	*12.72*	
22 07 19 00-0203	LF	16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	97.64	17.88
		For Work In Restricted Working Space, Add	*16.26*	
22 07 19 00-0204	LF	18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	105.90	18.78
		For Work In Restricted Working Space, Add	*17.07*	
22 07 19 00-0205	LF	20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	121.71	21.46
		For Work In Restricted Working Space, Add	*19.52*	
22 07 19 00-0206	LF	24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	152.05	25.94
		For Work In Restricted Working Space, Add	*23.58*	

22 07 19 00-0207 3" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0208	LF	1/2" Diameter Pipe, 3" Thick Foamglas Insulation	31.00	6.19
		For Work In Restricted Working Space, Add	*5.63*	
22 07 19 00-0209	LF	3/4" Diameter Pipe, 3" Thick Foamglas Insulation	31.58	6.19
		For Work In Restricted Working Space, Add	*5.63*	
22 07 19 00-0210	LF	1" Diameter Pipe, 3" Thick Foamglas Insulation	32.48	6.30
		For Work In Restricted Working Space, Add	*5.72*	
22 07 19 00-0211	LF	1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	33.19	6.34
		For Work In Restricted Working Space, Add	*5.76*	
22 07 19 00-0212	LF	1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	33.96	6.39
		For Work In Restricted Working Space, Add	*5.81*	
22 07 19 00-0213	LF	2" Diameter Pipe, 3" Thick Foamglas Insulation	36.41	6.65
		For Work In Restricted Working Space, Add	*6.05*	
22 07 19 00-0214	LF	2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	38.75	6.88
		For Work In Restricted Working Space, Add	*6.26*	
22 07 19 00-0215	LF	3" Diameter Pipe, 3" Thick Foamglas Insulation	43.74	7.12
		For Work In Restricted Working Space, Add	*6.47*	
22 07 19 00-0216	LF	4" Diameter Pipe, 3" Thick Foamglas Insulation	49.69	7.50
		For Work In Restricted Working Space, Add	*6.83*	
22 07 19 00-0217	LF	6" Diameter Pipe, 3" Thick Foamglas Insulation	54.54	8.54
		For Work In Restricted Working Space, Add	*7.76*	
22 07 19 00-0218	LF	8" Diameter Pipe, 3" Thick Foamglas Insulation	61.54	9.51
		For Work In Restricted Working Space, Add	*8.65*	
22 07 19 00-0219	LF	10" Diameter Pipe, 3" Thick Foamglas Insulation	73.28	10.97
		For Work In Restricted Working Space, Add	*9.98*	
22 07 19 00-0220	LF	12" Diameter Pipe, 3" Thick Foamglas Insulation	85.46	13.64
		For Work In Restricted Working Space, Add	*12.40*	
22 07 19 00-0221	LF	14" Diameter Pipe, 3" Thick Foamglas Insulation	91.61	14.88
		For Work In Restricted Working Space, Add	*13.54*	
22 07 19 00-0222	LF	16" Diameter Pipe, 3" Thick Foamglas Insulation	109.84	19.03
		For Work In Restricted Working Space, Add	*17.30*	
22 07 19 00-0223	LF	18" Diameter Pipe, 3" Thick Foamglas Insulation	117.44	19.98
		For Work In Restricted Working Space, Add	*18.17*	
22 07 19 00-0224	LF	20" Diameter Pipe, 3" Thick Foamglas Insulation	137.40	22.84
		For Work In Restricted Working Space, Add	*20.76*	
22 07 19 00-0225	LF	24" Diameter Pipe, 3" Thick Foamglas Insulation	167.86	27.60
		For Work In Restricted Working Space, Add	*25.08*	

22 07 19 00-0226 3-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0227	LF	1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	37.35	7.50
		For Work In Restricted Working Space, Add	*6.83*	
22 07 19 00-0228	LF	3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	38.08	7.50
		For Work In Restricted Working Space, Add	*6.83*	
22 07 19 00-0229	LF	1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	38.97	7.55
		For Work In Restricted Working Space, Add	*6.87*	
22 07 19 00-0230	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	39.86	7.60
		For Work In Restricted Working Space, Add	*6.92*	
22 07 19 00-0231	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	40.88	7.69
		For Work In Restricted Working Space, Add	*7.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0232	LF	2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	44.81	7.97
		For Work In Restricted Working Space, Add	*7.24*	
22 07 19 00-0233	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	48.76	8.25
		For Work In Restricted Working Space, Add	*7.49*	
22 07 19 00-0234	LF	3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	51.45	8.54
		For Work In Restricted Working Space, Add	*7.76*	
22 07 19 00-0235	LF	4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	55.05	9.02
		For Work In Restricted Working Space, Add	*8.20*	
22 07 19 00-0236	LF	6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	63.32	10.25
		For Work In Restricted Working Space, Add	*9.31*	
22 07 19 00-0237	LF	8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	71.92	11.41
		For Work In Restricted Working Space, Add	*10.37*	
22 07 19 00-0238	LF	10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	85.85	13.17
		For Work In Restricted Working Space, Add	*11.97*	
22 07 19 00-0239	LF	12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	101.72	16.36
		For Work In Restricted Working Space, Add	*14.88*	
22 07 19 00-0240	LF	14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	106.39	17.86
		For Work In Restricted Working Space, Add	*16.24*	
22 07 19 00-0241	LF	16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	128.03	22.84
		For Work In Restricted Working Space, Add	*20.76*	
22 07 19 00-0242	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	140.33	23.98
		For Work In Restricted Working Space, Add	*21.80*	
22 07 19 00-0243	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	159.81	27.42
		For Work In Restricted Working Space, Add	*24.93*	
22 07 19 00-0244	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	196.06	33.11
		For Work In Restricted Working Space, Add	*30.10*	

22 07 19 00-0245 4" Thick Foamglas Pipe Insulation *(22 07 19 00-0138)*

22 07 19 00-0246	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation	45.50	9.22
		For Work In Restricted Working Space, Add	*8.39*	
22 07 19 00-0247	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation	46.45	9.22
		For Work In Restricted Working Space, Add	*8.39*	
22 07 19 00-0248	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation	47.89	9.38
		For Work In Restricted Working Space, Add	*8.53*	
22 07 19 00-0249	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation	49.16	9.49
		For Work In Restricted Working Space, Add	*8.63*	
22 07 19 00-0250	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	51.03	9.80
		For Work In Restricted Working Space, Add	*8.90*	
22 07 19 00-0251	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation	54.96	10.09
		For Work In Restricted Working Space, Add	*9.18*	
22 07 19 00-0252	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	58.44	10.26
		For Work In Restricted Working Space, Add	*9.32*	
22 07 19 00-0253	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation	61.30	10.63
		For Work In Restricted Working Space, Add	*9.66*	
22 07 19 00-0254	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation	67.08	11.85
		For Work In Restricted Working Space, Add	*10.77*	
22 07 19 00-0255	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation	77.26	12.72
		For Work In Restricted Working Space, Add	*11.57*	
22 07 19 00-0256	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation	87.05	13.80
		For Work In Restricted Working Space, Add	*12.55*	
22 07 19 00-0257	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation	99.89	16.39
		For Work In Restricted Working Space, Add	*14.91*	
22 07 19 00-0258	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation	117.10	20.37
		For Work In Restricted Working Space, Add	*18.51*	
22 07 19 00-0259	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation	127.37	22.24
		For Work In Restricted Working Space, Add	*20.22*	
22 07 19 00-0260	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation	151.87	28.44
		For Work In Restricted Working Space, Add	*25.85*	
22 07 19 00-0261	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation	168.36	29.80
		For Work In Restricted Working Space, Add	*27.10*	
22 07 19 00-0262	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation	188.95	34.10
		For Work In Restricted Working Space, Add	*31.01*	
22 07 19 00-0263	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation	238.97	41.22
		For Work In Restricted Working Space, Add	*37.46*	

22 07 19 00-0264 Polyisocyanurate Pipe Insulation *(22 07 19)*

Note: Dow Trymer insulation with Saran vapor wrap. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0265 1/2" Thick Polyisocyanurate Pipe Insulation *(22 07 19 00-0264)*

22 07 19 00-0266	LF	1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	7.54	2.21
22 07 19 00-0267	LF	3/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.18	2.30
22 07 19 00-0268	LF	1" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.60	2.49
22 07 19 00-0269	LF	1-1/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	9.03	2.59
22 07 19 00-0270	LF	1-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	9.25	2.59
22 07 19 00-0271	LF	2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	9.68	2.70
22 07 19 00-0272	LF	2-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	10.32	2.79
22 07 19 00-0273	LF	3" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	10.95	2.98
22 07 19 00-0274	LF	4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	12.93	3.56
22 07 19 00-0275	LF	6" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	15.25	4.03
22 07 19 00-0276	LF	8" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	17.96	4.71
22 07 19 00-0277	LF	10" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	20.06	5.09
22 07 19 00-0278	LF	12" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	24.08	6.25

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0279		**1" Thick Polyisocyanurate Pipe Insulation** *(22 07 19 00-0264)*		
22 07 19 00-0280	LF	1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	8.50	2.30
22 07 19 00-0281	LF	3/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	9.34	2.49
22 07 19 00-0282	LF	1" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	9.83	2.59
22 07 19 00-0283	LF	1-1/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	10.33	2.70
22 07 19 00-0284	LF	1-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	10.73	2.79
22 07 19 00-0285	LF	2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	11.26	2.79
22 07 19 00-0286	LF	2-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	12.02	2.98
22 07 19 00-0287	LF	3" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	12.89	3.17
22 07 19 00-0288	LF	4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	15.31	3.75
22 07 19 00-0289	LF	6" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	19.26	4.71
22 07 19 00-0290	LF	8" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	23.16	5.57
22 07 19 00-0291	LF	10" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	26.29	6.25
22 07 19 00-0292	LF	12" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	29.65	7.02
22 07 19 00-0293		**1-1/2" Thick Polyisocyanurate Pipe Insulation** *(22 07 19 00-0264)*		
22 07 19 00-0294	LF	3/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	10.30	2.59
22 07 19 00-0295	LF	1" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	10.85	2.70
22 07 19 00-0296	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	11.49	2.79
22 07 19 00-0297	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	11.94	2.89
22 07 19 00-0298	LF	2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	12.56	2.98
22 07 19 00-0299	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	13.52	3.17
22 07 19 00-0300	LF	3" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	14.49	3.27
22 07 19 00-0301	LF	4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	17.26	4.03
22 07 19 00-0302	LF	6" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	22.05	5.09
22 07 19 00-0303	LF	8" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	26.91	6.25
22 07 19 00-0304	LF	10" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	30.76	7.02
22 07 19 00-0305	LF	12" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	33.62	7.49
22 07 19 00-0306		**2" Thick Polyisocyanurate Pipe Insulation** *(22 07 19 00-0264)*		
22 07 19 00-0307	LF	3/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	12.50	2.70
22 07 19 00-0308	LF	1" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	13.25	2.79
22 07 19 00-0309	LF	1-1/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	13.95	2.98
22 07 19 00-0310	LF	1-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	14.47	2.98
22 07 19 00-0311	LF	2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	15.00	3.17
22 07 19 00-0312	LF	2-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	16.29	3.36
22 07 19 00-0313	LF	3" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	17.05	3.56
22 07 19 00-0314	LF	4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	20.48	4.32
22 07 19 00-0315	LF	6" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	25.37	5.57
22 07 19 00-0316	LF	8" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	32.80	7.02
22 07 19 00-0317	LF	10" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	35.59	8.08
22 07 19 00-0318	LF	12" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	38.61	8.65
22 07 19 00-0319		**Flexible Polyethylene Tubing Closed Cell Foam Insulation** *(22 07 19)* Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). No additional linear feet for fittings required.		
22 07 19 00-0320		**3/8" Wall Flexible Polyethylene Tubing Foam Insulation** *(22 07 19 00-0319)*		
22 07 19 00-0321	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.07	2.88
22 07 19 00-0322	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.08	2.88
22 07 19 00-0323	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.32	2.98
22 07 19 00-0324	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.59	3.08
22 07 19 00-0325	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.81	3.14
22 07 19 00-0326	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.06	3.18
22 07 19 00-0327	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.16	3.18
22 07 19 00-0328	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.44	3.18
22 07 19 00-0329	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.00	3.28
22 07 19 00-0330	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.25	3.34
22 07 19 00-0331		**1/2" Wall Flexible Polyethylene Tubing Foam Insulation** *(22 07 19 00-0319)*		
22 07 19 00-0332	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.73	3.14
22 07 19 00-0333	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.81	3.14
22 07 19 00-0334	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.92	3.18
22 07 19 00-0335	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.03	3.20
22 07 19 00-0336	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.36	3.28
22 07 19 00-0337	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.63	3.34
22 07 19 00-0338	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.94	3.38
22 07 19 00-0339	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.30	3.43
22 07 19 00-0340	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.94	3.54
22 07 19 00-0341	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.60	3.58
22 07 19 00-0342	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.21	3.63
22 07 19 00-0343	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.59	3.68
22 07 19 00-0344		**3/4" Wall Flexible Polyethylene Tubing Foam Insulation** *(22 07 19 00-0319)*		
22 07 19 00-0345	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.46	3.38
22 07 19 00-0346	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.55	3.43
22 07 19 00-0347	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.00	3.54
22 07 19 00-0348	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.21	3.58
22 07 19 00-0349	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.76	3.68

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0350	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.30	3.74
22 07 19 00-0351	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.54	3.76
22 07 19 00-0352	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.52	3.79
22 07 19 00-0353	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.89	3.88
22 07 19 00-0354	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.99	3.94
22 07 19 00-0355	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.96	3.99
22 07 19 00-0356	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.39	4.03

22 07 19 00-0357 1" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0319)*

22 07 19 00-0358	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.46	3.74
22 07 19 00-0359	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.66	3.79
22 07 19 00-0360	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.28	3.88
22 07 19 00-0361	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.48	3.94
22 07 19 00-0362	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.41	4.03
22 07 19 00-0363	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.88	4.14
22 07 19 00-0364	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.07	4.19
22 07 19 00-0365	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.95	4.23
22 07 19 00-0366	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.60	4.34
22 07 19 00-0367	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.14	4.40

22 07 19 00-0368 Flexible Elastomeric Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: No additional LF for fittings required.

22 07 19 00-0369 3/8" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0368)*

22 07 19 00-0370	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.63	2.88
22 07 19 00-0371	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.78	2.88
22 07 19 00-0372	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.06	2.98
22 07 19 00-0373	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.25	3.03
22 07 19 00-0374	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.45	3.08
22 07 19 00-0375	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.71	3.14
22 07 19 00-0376	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.95	3.18
22 07 19 00-0377	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.20	3.18
22 07 19 00-0378	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.43	3.18
22 07 19 00-0379	LF	2" I.D. (2-1/8" O.D.)Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.67	3.23
		For Work In Restricted Working Space, Add	*1.94*	
22 07 19 00-0380	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.98	3.28
22 07 19 00-0381	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.26	3.28
22 07 19 00-0382	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.46	3.34
22 07 19 00-0383	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.75	3.34
22 07 19 00-0384	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.42	3.38
22 07 19 00-0385	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.17	3.43
22 07 19 00-0386	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.03	3.45

22 07 19 00-0387 1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0368)*

22 07 19 00-0388	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.60	3.14
22 07 19 00-0389	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.73	3.14
22 07 19 00-0390	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.86	3.18
22 07 19 00-0391	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.06	3.18
		For Work In Restricted Working Space, Add	*1.92*	
22 07 19 00-0392	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.23	3.18
22 07 19 00-0393	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.61	3.28
22 07 19 00-0394	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.98	3.34
22 07 19 00-0395	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.30	3.38
22 07 19 00-0396	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.66	3.41
		For Work In Restricted Working Space, Add	*2.05*	
22 07 19 00-0397	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.93	3.43
22 07 19 00-0398	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.03	3.49
		For Work In Restricted Working Space, Add	*2.09*	
22 07 19 00-0399	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.68	3.54
22 07 19 00-0400	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.18	3.57
		For Work In Restricted Working Space, Add	*2.14*	
22 07 19 00-0401	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.59	3.58
22 07 19 00-0402	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.90	3.61
		For Work In Restricted Working Space, Add	*2.17*	
22 07 19 00-0403	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.14	3.63
22 07 19 00-0404	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.41	3.68
22 07 19 00-0405	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.71	3.71
		For Work In Restricted Working Space, Add	*2.23*	
22 07 19 00-0406	LF	5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.97	3.74
22 07 19 00-0407	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.40	3.83
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0408	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.01	3.94
		For Work In Restricted Working Space, Add	*2.36*	

22 07 19 00-0409 3/4" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0368)*

22 07 19 00-0410	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.92	3.38
22 07 19 00-0411	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.19	3.43
22 07 19 00-0412	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.60	3.54
22 07 19 00-0413	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.87	3.57
		For Work In Restricted Working Space, Add	*2.14*	
22 07 19 00-0414	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.99	3.58
22 07 19 00-0415	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.62	3.68

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0416	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.15	3.74
22 07 19 00-0417	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.67	3.79
22 07 19 00-0418	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.82	3.79
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0419	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.02	3.81
22 07 19 00-0420	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.67	3.83
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-0421	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.99	3.88
22 07 19 00-0422	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.74	3.91
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-0423	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.25	3.94
22 07 19 00-0424	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.03	3.97
		For Work In Restricted Working Space, Add	*2.38*	
22 07 19 00-0425	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.33	3.99
22 07 19 00-0426	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.51	4.03
22 07 19 00-0427	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.46	4.06
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-0428	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.05	4.08
22 07 19 00-0429	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.74	4.14
22 07 19 00-0430	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.74	4.23
		For Work In Restricted Working Space, Add	*2.54*	

22 07 19 00-0431 1" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0368)*

22 07 19 00-0432	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.62	3.73
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0433	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.97	3.79
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0434	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.41	3.88
22 07 19 00-0435	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.82	3.91
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-0436	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.18	3.94
22 07 19 00-0437	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.77	4.03
22 07 19 00-0438	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.71	4.14
22 07 19 00-0439	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.19	4.14
22 07 19 00-0440	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.86	4.19
		For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-0441	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.10	4.23
22 07 19 00-0442	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.55	4.29
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0443	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.68	4.34
22 07 19 00-0444	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.14	4.37
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-0445	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.55	4.40
		For Work In Restricted Working Space, Add	*2.63*	
22 07 19 00-0446	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.31	4.43
		For Work In Restricted Working Space, Add	*2.65*	
22 07 19 00-0447	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.67	4.45
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-0448	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.42	4.55
		For Work In Restricted Working Space, Add	*2.72*	
22 07 19 00-0449	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.29	4.60
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-0450	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.07	4.65
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0451	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.98	4.75
		For Work In Restricted Working Space, Add	*2.84*	

22 07 19 00-0452 1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0368)*

22 07 19 00-0453	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.30	4.18
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0454	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.75	4.26
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-0455	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.17	4.29
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0456	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.59	4.33
		For Work In Restricted Working Space, Add	*2.59*	
22 07 19 00-0457	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.13	4.44
		For Work In Restricted Working Space, Add	*2.65*	
22 07 19 00-0458	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.01	4.60
		For Work In Restricted Working Space, Add	*2.75*	
22 07 19 00-0459	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.37	4.53
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-0460	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.54	4.64
		For Work In Restricted Working Space, Add	*2.81*	
22 07 19 00-0461	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.25	4.75
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0462	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.54	4.81
		For Work In Restricted Working Space, Add	*2.88*	
22 07 19 00-0463	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.71	4.87
		For Work In Restricted Working Space, Add	*2.91*	
22 07 19 00-0464	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.72	4.88
		For Work In Restricted Working Space, Add	*2.93*	
22 07 19 00-0465	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.74	4.89
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-0466	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.93	4.92
		For Work In Restricted Working Space, Add	*2.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0467	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.66	4.94
		For Work In Restricted Working Space, Add	*2.97*	
22 07 19 00-0468	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.68	5.12
		For Work In Restricted Working Space, Add	*3.07*	
22 07 19 00-0469	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	37.82	5.20
		For Work In Restricted Working Space, Add	*3.11*	
22 07 19 00-0470	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	43.09	5.28
		For Work In Restricted Working Space, Add	*3.17*	
22 07 19 00-0471	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	48.30	5.44
		For Work In Restricted Working Space, Add	*3.26*	

22 07 19 00-0472 2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-0368)*

22 07 19 00-0473	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.06	4.62
		For Work In Restricted Working Space, Add	*2.77*	
22 07 19 00-0474	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.17	4.68
		For Work In Restricted Working Space, Add	*2.83*	
22 07 19 00-0475	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.13	4.72
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0476	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.80	4.76
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-0477	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.43	4.86
		For Work In Restricted Working Space, Add	*2.91*	
22 07 19 00-0478	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	33.33	5.09
		For Work In Restricted Working Space, Add	*3.05*	
22 07 19 00-0479	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	34.53	4.96
		For Work In Restricted Working Space, Add	*3.07*	
22 07 19 00-0480	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	36.63	5.13
		For Work In Restricted Working Space, Add	*3.13*	
22 07 19 00-0481	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	38.65	5.31
		For Work In Restricted Working Space, Add	*3.19*	
22 07 19 00-0482	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	40.02	5.37
		For Work In Restricted Working Space, Add	*3.22*	
22 07 19 00-0483	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	42.85	5.44
		For Work In Restricted Working Space, Add	*3.24*	
22 07 19 00-0484	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	43.18	5.45
		For Work In Restricted Working Space, Add	*3.26*	
22 07 19 00-0485	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	45.83	5.46
		For Work In Restricted Working Space, Add	*3.28*	
22 07 19 00-0486	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	47.68	5.48
		For Work In Restricted Working Space, Add	*3.29*	
22 07 19 00-0487	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	49.65	5.51
		For Work In Restricted Working Space, Add	*3.30*	
22 07 19 00-0488	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	56.10	5.76
		For Work In Restricted Working Space, Add	*3.45*	
22 07 19 00-0489	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	59.85	5.88
		For Work In Restricted Working Space, Add	*3.53*	
22 07 19 00-0490	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	60.90	5.99
		For Work In Restricted Working Space, Add	*3.60*	
22 07 19 00-0491	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	68.70	6.24
		For Work In Restricted Working Space, Add	*3.74*	

22 07 19 00-0492 Flexible Polyolefin Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. No additional LF for fittings required.

22 07 19 00-0493 3/8" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0492)*

22 07 19 00-0494	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.24	2.88
22 07 19 00-0495	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.32	2.88
22 07 19 00-0496	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.55	2.98
22 07 19 00-0497	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	6.86	3.08
22 07 19 00-0498	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.04	3.14
22 07 19 00-0499	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.38	3.18
22 07 19 00-0500	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.62	3.18
22 07 19 00-0501	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.81	3.28
22 07 19 00-0502	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.62	3.28
22 07 19 00-0503	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.35	3.34
22 07 19 00-0504	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.22	3.43

22 07 19 00-0505 1/2" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0492)*

22 07 19 00-0506	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.02	3.14
22 07 19 00-0507	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.09	3.14
22 07 19 00-0508	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.24	3.18
22 07 19 00-0509	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.44	3.18
22 07 19 00-0510	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.69	3.28
22 07 19 00-0511	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.05	3.34
22 07 19 00-0512	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.45	3.38
22 07 19 00-0513	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.83	3.43
22 07 19 00-0514	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.70	3.54
22 07 19 00-0515	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.48	3.58
22 07 19 00-0516	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.96	3.68

22 07 19 00-0517 3/4" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0492)*

22 07 19 00-0518	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.91	3.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0519	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.18	3.43
22 07 19 00-0520	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.51	3.54
22 07 19 00-0521	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.05	3.58
22 07 19 00-0522	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.54	3.68
22 07 19 00-0523	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.40	3.74
22 07 19 00-0524	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.96	3.74
22 07 19 00-0525	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.60	3.79
22 07 19 00-0526	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.83	3.88
22 07 19 00-0527	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.96	3.94
22 07 19 00-0528	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.11	4.03

22 07 19 00-0529 1" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-0492)*

22 07 19 00-0530	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.46	3.74
22 07 19 00-0531	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.61	3.79
22 07 19 00-0532	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.94	3.88
22 07 19 00-0533	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.71	3.94
22 07 19 00-0534	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.35	4.03
22 07 19 00-0535	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.99	4.14
22 07 19 00-0536	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.62	4.14
22 07 19 00-0537	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.05	4.23
22 07 19 00-0538	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.95	4.34
22 07 19 00-0539	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	17.31	4.40

22 07 19 00-0540 Flexible Elastomeric Unicellular Insulation *(22 07 19)*

Note: For refrigeration piping.

22 07 19 00-0541	LF	1/2" Pipe, (5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	6.97	3.18
		For Work In Restricted Working Space, Add	*1.91*	
		For 3/8" Thick Covering, Deduct	*-0.60*	
		For 3/4" Thick Covering, Add	*1.09*	
		For 1" Thick Covering, Add	*2.08*	
22 07 19 00-0542	LF	3/4" Pipe, (7/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.12	3.18
		For Work In Restricted Working Space, Add	*1.92*	
		For 3/8" Thick Covering, Deduct	*-0.63*	
		For 3/4" Thick Covering, Add	*1.17*	
		For 1" Thick Covering, Add	*2.24*	
22 07 19 00-0543	LF	1" Pipe, (1-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.34	3.28
		For Work In Restricted Working Space, Add	*1.97*	
		For 3/8" Thick Covering, Deduct	*-0.65*	
		For 3/4" Thick Covering, Add	*1.23*	
		For 1" Thick Covering, Add	*2.35*	
22 07 19 00-0544	LF	1-1/4" Pipe, (1-3/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.62	3.34
		For Work In Restricted Working Space, Add	*2.00*	
		For 3/8" Thick Covering, Deduct	*-0.71*	
		For 3/4" Thick Covering, Add	*1.39*	
		For 1" Thick Covering, Add	*2.63*	
22 07 19 00-0545	LF	1-1/2" Pipe, (1-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.92	3.38
		For Work In Restricted Working Space, Add	*2.03*	
		For 3/8" Thick Covering, Deduct	*-0.76*	
		For 3/4" Thick Covering, Add	*1.54*	
		For 1" Thick Covering, Add	*2.91*	
22 07 19 00-0546	LF	2" Pipe, (2-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	8.21	3.43
		For Work In Restricted Working Space, Add	*2.06*	
		For 3/8" Thick Covering, Deduct	*-0.82*	
		For 3/4" Thick Covering, Add	*1.70*	
		For 1" Thick Covering, Add	*3.19*	
22 07 19 00-0547	LF	2-1/2" Pipe, (2-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	8.89	3.54
		For Work In Restricted Working Space, Add	*2.12*	
		For 3/8" Thick Covering, Deduct	*-0.95*	
		For 3/4" Thick Covering, Add	*2.08*	
		For 1" Thick Covering, Add	*3.88*	
22 07 19 00-0548	LF	3" Pipe, (3-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	9.45	3.58
		For Work In Restricted Working Space, Add	*2.15*	
		For 3/8" Thick Covering, Deduct	*-1.07*	
		For 3/4" Thick Covering, Add	*2.43*	
		For 1" Thick Covering, Add	*4.51*	
22 07 19 00-0549	LF	3-1/2" Pipe, (3-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	9.98	3.63
		For Work In Restricted Working Space, Add	*2.18*	
		For 3/8" Thick Covering, Deduct	*-1.19*	
		For 3/4" Thick Covering, Add	*2.77*	
		For 1" Thick Covering, Add	*5.12*	
22 07 19 00-0550	LF	4" Pipe, (4-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	10.53	3.68
		For Work In Restricted Working Space, Add	*2.21*	
		For 3/8" Thick Covering, Deduct	*-1.31*	
		For 3/4" Thick Covering, Add	*3.11*	
		For 1" Thick Covering, Add	*5.74*	

22 07 19 00-0551 Insulation Foam Rubber *(22 07 19)*

22 07 19 00-0552 Covering 4x6 Sheet *(22 07 19 00-0551)*

22 07 19 00-0553	SF	1" Thick Foam Rubber Sheet Insulation	18.03	6.82

22 07 19 00-0554 Insulation Protective Jacketing *(22 07 19)*

Note: Jacketing only and must be added to insulation prices.

22 07 19 00-0555 Aluminum Insulation Protective Jacketing With Bands *(22 07 19 00-0554)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0556		Aluminum Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0555)*		
22 07 19 00-0557	SF	0.006" Aluminum Insulation Jacket With Bands	14.31	6.16
22 07 19 00-0558	SF	0.016" Aluminum Insulation Jacket With Bands	14.69	6.16
22 07 19 00-0559		16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0555)*		
22 07 19 00-0560	LF	1/2" ID, 0.016" Aluminum Insulation Jacketing	7.29	1.75
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0561	LF	3/4" ID, 0.016" Aluminum Insulation Jacketing	7.54	1.79
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0562	LF	1" ID, 0.016" Aluminum Insulation Jacketing	7.80	1.83
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0563	LF	1-1/4" ID, 0.016" Aluminum Insulation Jacketing	8.07	1.87
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0564	LF	1-1/2" ID, 0.016" Aluminum Insulation Jacketing	8.27	1.90
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0565	LF	1-3/4" ID, 0.016" Aluminum Insulation Jacketing	8.46	1.93
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0566	LF	2" ID, 0.016" Aluminum Insulation Jacketing	8.71	1.97
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0567	LF	2-1/4" ID, 0.016" Aluminum Insulation Jacketing	8.98	2.01
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0568	LF	2-1/2" ID, 0.016" Aluminum Insulation Jacketing	9.25	2.05
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0569	LF	2-3/4" ID, 0.016" Aluminum Insulation Jacketing	9.47	2.09
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0570	LF	3" ID, 0.016" Aluminum Insulation Jacketing	9.75	2.13
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0571	LF	3-1/4" ID, 0.016" Aluminum Insulation Jacketing	10.04	2.18
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0572	LF	3-1/2" ID, 0.016" Aluminum Insulation Jacketing	10.33	2.23
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0573	LF	3-3/4" ID, 0.016" Aluminum Insulation Jacketing	10.58	2.27
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0574	LF	4" ID, 0.016" Aluminum Insulation Jacketing	10.89	2.33
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0575	LF	4-1/4" ID, 0.016" Aluminum Insulation Jacketing	11.21	2.38
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0576	LF	4-1/2" ID, 0.016" Aluminum Insulation Jacketing	11.56	2.44
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0577	LF	4-3/4" ID, 0.016" Aluminum Insulation Jacketing	11.83	2.49
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0578	LF	5" ID, 0.016" Aluminum Insulation Jacketing	12.18	2.56
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0579	LF	5-1/4" ID, 0.016" Aluminum Insulation Jacketing	12.55	2.64
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0580	LF	5-1/2" ID, 0.016" Aluminum Insulation Jacketing	12.86	2.69
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0581	LF	5-3/4" ID, 0.016" Aluminum Insulation Jacketing	13.27	2.77
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0582	LF	6" ID, 0.016" Aluminum Insulation Jacketing	13.69	2.85
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0583	LF	6-1/4" ID, 0.016" Aluminum Insulation Jacketing	13.96	2.89
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0584	LF	6-1/2" ID, 0.016" Aluminum Insulation Jacketing	14.22	2.94
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0585	LF	7" ID, 0.016" Aluminum Insulation Jacketing	14.66	3.01
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0586	LF	7-1/4" ID, 0.016" Aluminum Insulation Jacketing	15.03	3.08
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0587	LF	7-1/2" ID, 0.016" Aluminum Insulation Jacketing	15.32	3.13
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0588	LF	8" ID, 0.016" Aluminum Insulation Jacketing	15.72	3.18
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0589	LF	8-1/2" ID, 0.016" Aluminum Insulation Jacketing	16.10	3.23
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0590	LF	9" ID, 0.016" Aluminum Insulation Jacketing	16.62	3.32
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0591	LF	9-1/2" ID, 0.016" Aluminum Insulation Jacketing	17.03	3.37
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0592	LF	10" ID, 0.016" Aluminum Insulation Jacketing	17.45	3.43
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0593	LF	10-1/2" ID, 0.016" Aluminum Insulation Jacketing	17.88	3.49
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0594	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	18.45	3.59
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0595	LF	11-1/2" ID, 0.016" Aluminum Insulation Jacketing	18.91	3.66
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0596	LF	12" ID, 0.016" Aluminum Insulation Jacketing	19.37	3.73
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0597	LF	12-1/2" ID, 0.016" Aluminum Insulation Jacketing	20.00	3.84
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0598	LF	13" ID, 0.016" Aluminum Insulation Jacketing	20.33	3.88
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0599	LF	14" ID, 0.016" Aluminum Insulation Jacketing	20.86	3.92
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0600	LF	15" ID, 0.016" Aluminum Insulation Jacketing	21.54	4.00
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0601	LF	16" ID, 0.016" Aluminum Insulation Jacketing	22.07	4.04
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0602	LF	17" ID, 0.016" Aluminum Insulation Jacketing	22.77	4.13
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0603	LF	18" ID, 0.016" Aluminum Insulation Jacketing	23.21	4.17
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0604	LF	19" ID, 0.016" Aluminum Insulation Jacketing	24.06	4.27
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0605	LF	20" ID, 0.016" Aluminum Insulation Jacketing	24.61	4.32
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0606	LF	21" ID, 0.016" Aluminum Insulation Jacketing	25.36	4.42
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0607	LF	22" ID, 0.016" Aluminum Insulation Jacketing	25.93	4.47
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0608	LF	23" ID, 0.016" Aluminum Insulation Jacketing	26.71	4.58
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0609	LF	24" ID, 0.016" Aluminum Insulation Jacketing	27.30	4.64
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	

22 07 19 00-0610 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0555)*

22 07 19 00-0611	LF	1/2" ID, 0.020" Aluminum Insulation Jacketing	8.07	1.92
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0612	LF	3/4" ID, 0.020" Aluminum Insulation Jacketing	8.35	1.97
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0613	LF	1" ID, 0.020" Aluminum Insulation Jacketing	8.67	2.01
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0614	LF	1-1/4" ID, 0.020" Aluminum Insulation Jacketing	8.97	2.06
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0615	LF	1-1/2" ID, 0.020" Aluminum Insulation Jacketing	9.21	2.09
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0616	LF	1-3/4" ID, 0.020" Aluminum Insulation Jacketing	9.45	2.12
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0617	LF	2" ID, 0.020" Aluminum Insulation Jacketing	9.73	2.17
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0618	LF	2-1/4" ID, 0.020" Aluminum Insulation Jacketing	10.03	2.21
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0619	LF	2-1/2" ID, 0.020" Aluminum Insulation Jacketing	10.34	2.26
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0620	LF	2-3/4" ID, 0.020" Aluminum Insulation Jacketing	10.60	2.30
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0621	LF	3" ID, 0.020" Aluminum Insulation Jacketing	10.93	2.35
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0622	LF	3-1/4" ID, 0.020" Aluminum Insulation Jacketing	11.26	2.40
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0623	LF	3-1/2" ID, 0.020" Aluminum Insulation Jacketing	11.60	2.45
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0624	LF	3-3/4" ID, 0.020" Aluminum Insulation Jacketing	11.89	2.50
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0625	LF	4" ID, 0.020" Aluminum Insulation Jacketing	12.24	2.56
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0626	LF	4-1/4" ID, 0.020" Aluminum Insulation Jacketing	12.61	2.63
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0627	LF	4-1/2" ID, 0.020" Aluminum Insulation Jacketing	13.00	2.70
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0628	LF	4-3/4" ID, 0.020" Aluminum Insulation Jacketing	13.32	2.75
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0629	LF	5" ID, 0.020" Aluminum Insulation Jacketing	13.73	2.82
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0630	LF	5-1/4" ID, 0.020" Aluminum Insulation Jacketing	14.16	2.90
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0631	LF	5-1/2" ID, 0.020" Aluminum Insulation Jacketing	14.51	2.96
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0632	LF	5-3/4" ID, 0.020" Aluminum Insulation Jacketing	14.98	3.04
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0633	LF	6" ID, 0.020" Aluminum Insulation Jacketing	15.45	3.13
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0634	LF	6-1/4" ID, 0.020" Aluminum Insulation Jacketing	15.75	3.18
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0635	LF	6-1/2" ID, 0.020" Aluminum Insulation Jacketing	16.06	3.23
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0636	LF	7" ID, 0.020" Aluminum Insulation Jacketing	16.58	3.30
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0637	LF	7-1/4" ID, 0.020" Aluminum Insulation Jacketing	17.01	3.38
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0638	LF	7-1/2" ID, 0.020" Aluminum Insulation Jacketing	17.33	3.44
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0639	LF	8" ID, 0.020" Aluminum Insulation Jacketing	17.80	3.50
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0640	LF	8-1/2" ID, 0.020" Aluminum Insulation Jacketing	18.25	3.55
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0641	LF	9" ID, 0.020" Aluminum Insulation Jacketing	18.84	3.64
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0642	LF	9-1/2" ID, 0.020" Aluminum Insulation Jacketing	19.33	3.71
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0643	LF	10" ID, 0.020" Aluminum Insulation Jacketing	19.84	3.77
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0644	LF	10-1/2" ID, 0.020" Aluminum Insulation Jacketing	20.33	3.84
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0645	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	20.99	3.95
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0646	LF	11-1/2" ID, 0.020" Aluminum Insulation Jacketing	21.53	4.02
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0647	LF	12" ID, 0.020" Aluminum Insulation Jacketing	22.06	4.10
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0648	LF	12-1/2" ID, 0.020" Aluminum Insulation Jacketing	22.79	4.22
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0649	LF	13" ID, 0.020" Aluminum Insulation Jacketing	23.19	4.27
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0650	LF	14" ID, 0.020" Aluminum Insulation Jacketing	23.82	4.31
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0651	LF	15" ID, 0.020" Aluminum Insulation Jacketing	24.63	4.41
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0652	LF	16" ID, 0.020" Aluminum Insulation Jacketing	25.28	4.46
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0653	LF	17" ID, 0.020" Aluminum Insulation Jacketing	26.11	4.55
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0654	LF	18" ID, 0.020" Aluminum Insulation Jacketing	26.62	4.60
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0655	LF	19" ID, 0.020" Aluminum Insulation Jacketing	27.65	4.70
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0656	LF	20" ID, 0.020" Aluminum Insulation Jacketing	28.32	4.75
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0657	LF	21" ID, 0.020" Aluminum Insulation Jacketing	29.21	4.86
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0658	LF	22" ID, 0.020" Aluminum Insulation Jacketing	29.89	4.92
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0659	LF	23" ID, 0.020" Aluminum Insulation Jacketing	30.81	5.04
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0660	LF	24" ID, 0.020" Aluminum Insulation Jacketing	31.51	5.10
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	

22 07 19 00-0661 24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0555)*

22 07 19 00-0662	LF	1/2" ID, 0.024" Aluminum Insulation Jacketing	8.85	2.10
		For Stucco Embossed, Add	*0.00*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0663	LF	3/4" ID, 0.024" Aluminum Insulation Jacketing	9.17	2.14
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.01*	
22 07 19 00-0664	LF	1" ID, 0.024" Aluminum Insulation Jacketing	9.52	2.19
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0665	LF	1-1/4" ID, 0.024" Aluminum Insulation Jacketing	9.86	2.25
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0666	LF	1-1/2" ID, 0.024" Aluminum Insulation Jacketing	10.13	2.28
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0667	LF	1-3/4" ID, 0.024" Aluminum Insulation Jacketing	10.40	2.31
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0668	LF	2" ID, 0.024" Aluminum Insulation Jacketing	10.73	2.36
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0669	LF	2-1/4" ID, 0.024" Aluminum Insulation Jacketing	11.07	2.41
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0670	LF	2-1/2" ID, 0.024" Aluminum Insulation Jacketing	11.42	2.46
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0671	LF	2-3/4" ID, 0.024" Aluminum Insulation Jacketing	11.72	2.50
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0672	LF	3" ID, 0.024" Aluminum Insulation Jacketing	12.09	2.56
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0673	LF	3-1/4" ID, 0.024" Aluminum Insulation Jacketing	12.46	2.63
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0674	LF	3-1/2" ID, 0.024" Aluminum Insulation Jacketing	12.84	2.69
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0675	LF	3-3/4" ID, 0.024" Aluminum Insulation Jacketing	13.17	2.73
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0676	LF	4" ID, 0.024" Aluminum Insulation Jacketing	13.56	2.80
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0677	LF	4-1/4" ID, 0.024" Aluminum Insulation Jacketing	13.99	2.87
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0678	LF	4-1/2" ID, 0.024" Aluminum Insulation Jacketing	14.43	2.94
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0679	LF	4-3/4" ID, 0.024" Aluminum Insulation Jacketing	14.78	3.00
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0680	LF	5" ID, 0.024" Aluminum Insulation Jacketing	15.24	3.08
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0681	LF	5-1/4" ID, 0.024" Aluminum Insulation Jacketing	15.71	3.16
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0682	LF	5-1/2" ID, 0.024" Aluminum Insulation Jacketing	16.11	3.23
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0683	LF	5-3/4" ID, 0.024" Aluminum Insulation Jacketing	16.64	3.32
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0684	LF	6" ID, 0.024" Aluminum Insulation Jacketing	17.17	3.42
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0685	LF	6-1/4" ID, 0.024" Aluminum Insulation Jacketing	17.51	3.47
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0686	LF	6-1/2" ID, 0.024" Aluminum Insulation Jacketing	17.86	3.52
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0687	LF	7" ID, 0.024" Aluminum Insulation Jacketing	18.43	3.60
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0688	LF	7-1/4" ID, 0.024" Aluminum Insulation Jacketing	18.92	3.69
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0689	LF	7-1/2" ID, 0.024" Aluminum Insulation Jacketing	19.30	3.75
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0690	LF	8" ID, 0.024" Aluminum Insulation Jacketing	19.82	3.81
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0691	LF	8-1/2" ID, 0.024" Aluminum Insulation Jacketing	20.34	3.87
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0692	LF	9" ID, 0.024" Aluminum Insulation Jacketing	21.01	3.97
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0693	LF	9-1/2" ID, 0.024" Aluminum Insulation Jacketing	21.57	4.04
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0694	LF	10" ID, 0.024" Aluminum Insulation Jacketing	22.13	4.12
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0695	LF	10-1/2" ID, 0.024" Aluminum Insulation Jacketing	22.71	4.19
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0696	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	23.45	4.31
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0697	LF	11-1/2" ID, 0.024" Aluminum Insulation Jacketing	24.06	4.40
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0698	LF	12" ID, 0.024" Aluminum Insulation Jacketing	24.67	4.48
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0699	LF	12-1/2" ID, 0.024" Aluminum Insulation Jacketing	25.49	4.62
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0700	LF	13" ID, 0.024" Aluminum Insulation Jacketing	25.94	4.66
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0701	LF	14" ID, 0.024" Aluminum Insulation Jacketing	26.68	4.71
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0702	LF	15" ID, 0.024" Aluminum Insulation Jacketing	27.61	4.81
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0703	LF	16" ID, 0.024" Aluminum Insulation Jacketing	28.37	4.86
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0704	LF	17" ID, 0.024" Aluminum Insulation Jacketing	29.33	4.96
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0705	LF	18" ID, 0.024" Aluminum Insulation Jacketing	29.91	5.02
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0706	LF	19" ID, 0.024" Aluminum Insulation Jacketing	31.10	5.13
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0707	LF	20" ID, 0.024" Aluminum Insulation Jacketing	31.89	5.18
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0708	LF	21" ID, 0.024" Aluminum Insulation Jacketing	32.90	5.30
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0709	LF	22" ID, 0.024" Aluminum Insulation Jacketing	33.69	5.36
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0710	LF	23" ID, 0.024" Aluminum Insulation Jacketing	34.76	5.49
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0711	LF	24" ID, 0.024" Aluminum Insulation Jacketing	35.57	5.56
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	

22 07 19 00-0712 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0555)*

22 07 19 00-0713	LF	1/2" ID, 0.032" Aluminum Insulation Jacketing	9.90	2.32
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0714	LF	3/4" ID, 0.032" Aluminum Insulation Jacketing	10.30	2.37
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0715	LF	1" ID, 0.032" Aluminum Insulation Jacketing	10.71	2.43
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0716	LF	1-1/4" ID, 0.032" Aluminum Insulation Jacketing	11.14	2.49
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0717	LF	1-1/2" ID, 0.032" Aluminum Insulation Jacketing	11.47	2.53
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0718	LF	1-3/4" ID, 0.032" Aluminum Insulation Jacketing	11.80	2.56
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0719	LF	2" ID, 0.032" Aluminum Insulation Jacketing	12.19	2.63
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0720	LF	2-1/4" ID, 0.032" Aluminum Insulation Jacketing	12.59	2.68
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0721	LF	2-1/2" ID, 0.032" Aluminum Insulation Jacketing	13.02	2.74
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0722	LF	2-3/4" ID, 0.032" Aluminum Insulation Jacketing	13.38	2.78
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0723	LF	3" ID, 0.032" Aluminum Insulation Jacketing	13.83	2.84
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0724	LF	3-1/4" ID, 0.032" Aluminum Insulation Jacketing	14.27	2.91
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0725	LF	3-1/2" ID, 0.032" Aluminum Insulation Jacketing	14.72	2.98
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0726	LF	3-3/4" ID, 0.032" Aluminum Insulation Jacketing	15.11	3.03
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0727	LF	4" ID, 0.032" Aluminum Insulation Jacketing	15.59	3.10
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0728	LF	4-1/4" ID, 0.032" Aluminum Insulation Jacketing	16.08	3.18
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0729	LF	4-1/2" ID, 0.032" Aluminum Insulation Jacketing	16.60	3.26
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0730	LF	4-3/4" ID, 0.032" Aluminum Insulation Jacketing	17.05	3.32
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0731	LF	5" ID, 0.032" Aluminum Insulation Jacketing	17.58	3.41
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0732	LF	5-1/4" ID, 0.032" Aluminum Insulation Jacketing	18.14	3.50
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0733	LF	5-1/2" ID, 0.032" Aluminum Insulation Jacketing	18.61	3.58
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0734	LF	5-3/4" ID, 0.032" Aluminum Insulation Jacketing	19.22	3.68
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0735	LF	6" ID, 0.032" Aluminum Insulation Jacketing	19.84	3.79
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0736	LF	6-1/4" ID, 0.032" Aluminum Insulation Jacketing	20.25	3.84
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0737	LF	6-1/2" ID, 0.032" Aluminum Insulation Jacketing	20.67	3.90
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0738	LF	7" ID, 0.032" Aluminum Insulation Jacketing	21.38	3.99
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0739	LF	7-1/4" ID, 0.032" Aluminum Insulation Jacketing	21.94	4.09
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0740	LF	7-1/2" ID, 0.032" Aluminum Insulation Jacketing	22.38	4.15
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0741	LF	8" ID, 0.032" Aluminum Insulation Jacketing	23.04	4.22
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0742	LF	8-1/2" ID, 0.032" Aluminum Insulation Jacketing	23.67	4.29
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0743	LF	9" ID, 0.032" Aluminum Insulation Jacketing	24.48	4.41
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0744	LF	9-1/2" ID, 0.032" Aluminum Insulation Jacketing	25.17	4.49
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0745	LF	10" ID, 0.032" Aluminum Insulation Jacketing	25.85	4.57
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0746	LF	10-1/2" ID, 0.032" Aluminum Insulation Jacketing	26.56	4.65
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0747	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	27.43	4.78
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0748	LF	11-1/2" ID, 0.032" Aluminum Insulation Jacketing	28.18	4.87
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0749	LF	12" ID, 0.032" Aluminum Insulation Jacketing	28.92	4.97
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0750	LF	12-1/2" ID, 0.032" Aluminum Insulation Jacketing	29.89	5.11
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0751	LF	13" ID, 0.032" Aluminum Insulation Jacketing	30.45	5.17
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0752	LF	14" ID, 0.032" Aluminum Insulation Jacketing	31.41	5.22
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0753	LF	15" ID, 0.032" Aluminum Insulation Jacketing	32.57	5.33
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0754	LF	16" ID, 0.032" Aluminum Insulation Jacketing	33.54	5.38
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0755	LF	17" ID, 0.032" Aluminum Insulation Jacketing	34.74	5.50
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0756	LF	18" ID, 0.032" Aluminum Insulation Jacketing	35.47	5.56
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0757	LF	19" ID, 0.032" Aluminum Insulation Jacketing	36.94	5.68
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0758	LF	20" ID, 0.032" Aluminum Insulation Jacketing	37.94	5.74
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0759	LF	21" ID, 0.032" Aluminum Insulation Jacketing	39.19	5.87
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0760	LF	22" ID, 0.032" Aluminum Insulation Jacketing	40.20	5.94
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0761	LF	23" ID, 0.032" Aluminum Insulation Jacketing	41.51	6.08
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0762	LF	24" ID, 0.032" Aluminum Insulation Jacketing	42.53	6.17
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0763		40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0555)*		
22 07 19 00-0764	LF	1/2" ID, 0.040" Aluminum Insulation Jacketing	11.46	2.68
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0765	LF	3/4" ID, 0.040" Aluminum Insulation Jacketing	11.94	2.74
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0766	LF	1" ID, 0.040" Aluminum Insulation Jacketing	12.42	2.80
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0767	LF	1-1/4" ID, 0.040" Aluminum Insulation Jacketing	12.93	2.87
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0768	LF	1-1/2" ID, 0.040" Aluminum Insulation Jacketing	13.33	2.92
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0769	LF	1-3/4" ID, 0.040" Aluminum Insulation Jacketing	13.74	2.96
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0770	LF	2" ID, 0.040" Aluminum Insulation Jacketing	14.20	3.02
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0771	LF	2-1/4" ID, 0.040" Aluminum Insulation Jacketing	14.68	3.08
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0772	LF	2-1/2" ID, 0.040" Aluminum Insulation Jacketing	15.20	3.15
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0773	LF	2-3/4" ID, 0.040" Aluminum Insulation Jacketing	15.62	3.20
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0774	LF	3" ID, 0.040" Aluminum Insulation Jacketing	16.17	3.27
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0775	LF	3-1/4" ID, 0.040" Aluminum Insulation Jacketing	16.70	3.34
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0776	LF	3-1/2" ID, 0.040" Aluminum Insulation Jacketing	17.24	3.42
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0777	LF	3-3/4" ID, 0.040" Aluminum Insulation Jacketing	17.70	3.48
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0778	LF	4" ID, 0.040" Aluminum Insulation Jacketing	18.27	3.56
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0779	LF	4-1/4" ID, 0.040" Aluminum Insulation Jacketing	18.85	3.65
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0780	LF	4-1/2" ID, 0.040" Aluminum Insulation Jacketing	19.48	3.75
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0781	LF	4-3/4" ID, 0.040" Aluminum Insulation Jacketing	20.00	3.82
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0782	LF	5" ID, 0.040" Aluminum Insulation Jacketing	20.64	3.92
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0783	LF	5-1/4" ID, 0.040" Aluminum Insulation Jacketing	21.29	4.03
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0784	LF	5-1/2" ID, 0.040" Aluminum Insulation Jacketing	21.85	4.11
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0785	LF	5-3/4" ID, 0.040" Aluminum Insulation Jacketing	22.59	4.23
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0786	LF	6" ID, 0.040" Aluminum Insulation Jacketing	23.32	4.35
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0787	LF	6-1/4" ID, 0.040" Aluminum Insulation Jacketing	23.81	4.43
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0788	LF	6-1/2" ID, 0.040" Aluminum Insulation Jacketing	24.30	4.49
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0789	LF	7" ID, 0.040" Aluminum Insulation Jacketing	25.15	4.60
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0790	LF	7-1/4" ID, 0.040" Aluminum Insulation Jacketing	25.82	4.71
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0791	LF	7-1/2" ID, 0.040" Aluminum Insulation Jacketing	26.36	4.78
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0792	LF	8" ID, 0.040" Aluminum Insulation Jacketing	27.14	4.87
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0793	LF	8-1/2" ID, 0.040" Aluminum Insulation Jacketing	27.91	4.94
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0794	LF	9" ID, 0.040" Aluminum Insulation Jacketing	28.88	5.07
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0795	LF	9-1/2" ID, 0.040" Aluminum Insulation Jacketing	29.71	5.16
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0796	LF	10" ID, 0.040" Aluminum Insulation Jacketing	30.54	5.25
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0797	LF	10-1/2" ID, 0.040" Aluminum Insulation Jacketing	31.37	5.35
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0798	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	32.43	5.50
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0799	LF	11-1/2" ID, 0.040" Aluminum Insulation Jacketing	33.33	5.60
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0800	LF	12" ID, 0.040" Aluminum Insulation Jacketing	34.22	5.71
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0801	LF	12-1/2" ID, 0.040" Aluminum Insulation Jacketing	35.35	5.88
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0802	LF	13" ID, 0.040" Aluminum Insulation Jacketing	36.06	5.94
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0803	LF	14" ID, 0.040" Aluminum Insulation Jacketing	37.24	6.00
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0804	LF	15" ID, 0.040" Aluminum Insulation Jacketing	38.65	6.13
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0805	LF	16" ID, 0.040" Aluminum Insulation Jacketing	39.84	6.20
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0806	LF	17" ID, 0.040" Aluminum Insulation Jacketing	41.28	6.33
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0807	LF	18" ID, 0.040" Aluminum Insulation Jacketing	42.19	6.40
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0808	LF	19" ID, 0.040" Aluminum Insulation Jacketing	43.98	6.54
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	
22 07 19 00-0809	LF	20" ID, 0.040" Aluminum Insulation Jacketing	45.21	6.61
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.47*	
22 07 19 00-0810	LF	21" ID, 0.040" Aluminum Insulation Jacketing	46.73	6.76
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0811	LF	22" ID, 0.040" Aluminum Insulation Jacketing	47.96	6.84
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.52*	
22 07 19 00-0812	LF	23" ID, 0.040" Aluminum Insulation Jacketing	49.54	7.00
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.54*	
22 07 19 00-0813	LF	24" ID, 0.040" Aluminum Insulation Jacketing	50.78	7.09
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.56*	

22 07 19 00-0814 Aluminum Insulation Protective Jacketing For Fittings *(22 07 19 00-0555)*

22 07 19 00-0815	EA	1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	15.49	2.75
22 07 19 00-0816	EA	1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	15.90	2.85
22 07 19 00-0817	EA	2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	17.51	2.96
22 07 19 00-0818	EA	2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	17.70	3.01
22 07 19 00-0819	EA	2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	17.88	3.05
22 07 19 00-0820	EA	2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	18.18	3.13
22 07 19 00-0821	EA	3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	18.97	3.21
22 07 19 00-0822	EA	3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	19.31	3.29
22 07 19 00-0823	EA	3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	20.66	3.34
22 07 19 00-0824	EA	3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	21.08	3.40
22 07 19 00-0825	EA	4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	21.79	3.49
22 07 19 00-0826	EA	4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.27	3.56
22 07 19 00-0827	EA	4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.53	3.63
22 07 19 00-0828	EA	4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.81	3.70
22 07 19 00-0829	EA	5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.14	3.77
22 07 19 00-0830	EA	5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	25.83	3.84
22 07 19 00-0831	EA	5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.86	3.96
22 07 19 00-0832	EA	5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	29.19	4.04
22 07 19 00-0833	EA	6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	27.82	4.17
22 07 19 00-0834	EA	6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.19	4.27
22 07 19 00-0835	EA	6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	31.04	4.42
22 07 19 00-0836	EA	7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	34.31	4.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0837	EA	7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	34.52	4.58
22 07 19 00-0838	EA	7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	42.39	4.64
22 07 19 00-0839	EA	8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	36.55	4.69
22 07 19 00-0840	EA	8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	52.09	4.81
22 07 19 00-0841	EA	9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	52.58	4.93
22 07 19 00-0842	EA	9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	44.15	4.99
22 07 19 00-0843	EA	10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	44.42	5.06
22 07 19 00-0844	EA	10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	45.21	5.13
22 07 19 00-0845	EA	11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	45.48	5.20
22 07 19 00-0846	EA	11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	49.44	5.34
22 07 19 00-0847	EA	12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	49.73	5.41
22 07 19 00-0848	EA	12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	72.27	5.57
22 07 19 00-0849	EA	13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	72.59	5.65
22 07 19 00-0850	EA	14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	90.33	5.82
22 07 19 00-0851	EA	15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	94.10	6.00
22 07 19 00-0852	EA	16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	100.85	6.10
22 07 19 00-0853	EA	2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	16.89	3.05
22 07 19 00-0854	EA	2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	17.19	3.13
22 07 19 00-0855	EA	3" ID, Aluminum 45 Degree Elbow Insulation Jacketing	18.11	3.21
22 07 19 00-0856	EA	3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	18.45	3.29
22 07 19 00-0857	EA	3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing	19.42	3.34
22 07 19 00-0858	EA	3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	19.65	3.40
22 07 19 00-0859	EA	4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	20.12	3.49
22 07 19 00-0860	EA	4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	21.25	3.56
22 07 19 00-0861	EA	4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	21.51	3.63
22 07 19 00-0862	EA	4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	21.79	3.70
22 07 19 00-0863	EA	5" ID, Aluminum 45 Degree Elbow Insulation Jacketing	23.31	3.77
22 07 19 00-0864	EA	5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	23.61	3.84
22 07 19 00-0865	EA	5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	24.48	3.96
22 07 19 00-0866	EA	6" ID, Aluminum 45 Degree Elbow Insulation Jacketing	25.35	4.17
22 07 19 00-0867	EA	6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	29.59	4.42
22 07 19 00-0868	EA	7" ID, Aluminum 45 Degree Elbow Insulation Jacketing	30.01	4.53
22 07 19 00-0869	EA	7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	30.56	4.64
22 07 19 00-0870	EA	8" ID, Aluminum 45 Degree Elbow Insulation Jacketing	30.79	4.69
22 07 19 00-0871	EA	8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	34.19	4.81
22 07 19 00-0872	EA	9" ID, Aluminum 45 Degree Elbow Insulation Jacketing	34.68	4.93
22 07 19 00-0873	EA	9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	40.75	4.99
22 07 19 00-0874	EA	10" ID, Aluminum 45 Degree Elbow Insulation Jacketing	41.02	5.06
22 07 19 00-0875	EA	10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	39.94	5.13
22 07 19 00-0876	EA	11" ID, Aluminum 45 Degree Elbow Insulation Jacketing	40.21	5.20
22 07 19 00-0877	EA	11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	44.71	5.34
22 07 19 00-0878	EA	12" ID, Aluminum 45 Degree Elbow Insulation Jacketing	45.00	5.41
22 07 19 00-0879	EA	13" ID, Aluminum 45 Degree Elbow Insulation Jacketing	50.01	5.65
22 07 19 00-0880	EA	14" ID, Aluminum 45 Degree Elbow Insulation Jacketing	56.92	5.82
22 07 19 00-0881	EA	15" ID, Aluminum 45 Degree Elbow Insulation Jacketing	75.83	6.00
22 07 19 00-0882	EA	16" ID, Aluminum 45 Degree Elbow Insulation Jacketing	80.57	6.10
22 07 19 00-0883	EA	17" ID, Aluminum 45 Degree Elbow Insulation Jacketing	79.64	6.21
22 07 19 00-0884	EA	18" ID, Aluminum 45 Degree Elbow Insulation Jacketing	87.76	6.31
22 07 19 00-0885	EA	19" ID, Aluminum 45 Degree Elbow Insulation Jacketing	102.04	6.41
22 07 19 00-0886	EA	20" ID, Aluminum 45 Degree Elbow Insulation Jacketing	99.96	6.52
22 07 19 00-0887	EA	21" ID, Aluminum 45 Degree Elbow Insulation Jacketing	106.28	6.63
22 07 19 00-0888	EA	2-1/2" ID, Aluminum Tee Insulation Jacketing	49.68	4.36
22 07 19 00-0889	EA	2-3/4" ID, Aluminum Tee Insulation Jacketing	50.08	4.47
22 07 19 00-0890	EA	3" ID, Aluminum Tee Insulation Jacketing	54.68	4.58
22 07 19 00-0891	EA	3-1/4" ID, Aluminum Tee Insulation Jacketing	55.14	4.69
22 07 19 00-0892	EA	3-1/2" ID Aluminum Tee Insulation Jacketing	57.35	4.81
22 07 19 00-0893	EA	4" ID, Aluminum Tee Insulation Jacketing	58.25	4.93
22 07 19 00-0894	EA	4-1/4" ID, Aluminum Tee Insulation Jacketing	61.00	5.06
22 07 19 00-0895	EA	4-1/2" ID, Aluminum Tee Insulation Jacketing	61.21	5.20
22 07 19 00-0896	EA	4-3/4" ID, Aluminum Tee Insulation Jacketing	61.79	5.34
22 07 19 00-0897	EA	5" ID, Aluminum Tee Insulation Jacketing	63.91	5.49
22 07 19 00-0898	EA	5-1/4" ID, Aluminum Tee Insulation Jacketing	64.55	5.65
22 07 19 00-0899	EA	5-1/2" ID, Aluminum Tee Insulation Jacketing	67.09	5.82
22 07 19 00-0900	EA	6" ID, Aluminum Tee Insulation Jacketing	67.82	6.00
22 07 19 00-0901	EA	6-1/2" ID, Aluminum Tee Insulation Jacketing	73.73	6.41
22 07 19 00-0902	EA	7" ID, Aluminum Tee Insulation Jacketing	74.61	6.63
22 07 19 00-0903	EA	7-1/2" ID, Aluminum Tee Insulation Jacketing	80.95	6.87
22 07 19 00-0904	EA	8" ID, Aluminum Tee Insulation Jacketing	81.97	7.12
22 07 19 00-0905	EA	8-1/2" ID, Aluminum Tee Insulation Jacketing	84.47	7.39
22 07 19 00-0906	EA	9" ID, Aluminum Tee Insulation Jacketing	85.66	7.68
22 07 19 00-0907	EA	9-1/2" ID, Aluminum Tee Insulation Jacketing	72.13	7.84
22 07 19 00-0908	EA	10" ID, Aluminum Tee Insulation Jacketing	72.78	8.01
22 07 19 00-0909	EA	10-1/2" ID, Aluminum Tee Insulation Jacketing	76.12	8.18
22 07 19 00-0910	EA	11" ID, Aluminum Tee Insulation Jacketing	76.83	8.36
22 07 19 00-0911	EA	11-1/2" ID, Aluminum Tee Insulation Jacketing	79.95	8.54
22 07 19 00-0912	EA	12" ID, Aluminum Tee Insulation Jacketing	80.72	8.74
22 07 19 00-0913	EA	13" ID, Aluminum Tee Insulation Jacketing	83.81	8.94
22 07 19 00-0914	EA	14" ID, Aluminum Tee Insulation Jacketing	87.01	9.15
22 07 19 00-0915	EA	15" ID, Aluminum Tee Insulation Jacketing	92.02	9.37
22 07 19 00-0916	EA	16" ID, Aluminum Tee Insulation Jacketing	94.32	9.61
22 07 19 00-0917	EA	17" ID, Aluminum Tee Insulation Jacketing	103.68	9.86
22 07 19 00-0918	EA	18" ID, Aluminum Tee Insulation Jacketing	107.22	10.12
22 07 19 00-0919	EA	19" ID, Aluminum Tee Insulation Jacketing	115.38	10.39
22 07 19 00-0920	EA	20" ID, Aluminum Tee Insulation Jacketing	118.14	10.68
22 07 19 00-0921	EA	22" ID, Aluminum Tee Insulation Jacketing	139.89	10.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0922	EA	23" ID, Aluminum Tee Insulation Jacketing	143.85	11.30
22 07 19 00-0923	EA	24" ID, Aluminum Tee Insulation Jacketing	150.79	12.40
22 07 19 00-0924		Stainless Steel Insulation Protective Jacketing With Bands *(22 07 19 00-0554)*		
22 07 19 00-0925		Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0924)*		
22 07 19 00-0926	SF	0.010" Stainless Steel Insulation Jacket With Bands	17.95	7.21
22 07 19 00-0927	SF	0.016" Stainless Steel Insulation Jacket With Bands	22.02	8.65
22 07 19 00-0928		10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0924)*		
22 07 19 00-0929	LF	2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	9.30	1.54
22 07 19 00-0930	LF	2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	9.70	1.57
22 07 19 00-0931	LF	3" ID, 0.010" Stainless Steel Insulation Jacketing	10.11	1.60
22 07 19 00-0932	LF	3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	10.54	1.64
22 07 19 00-0933	LF	3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	10.96	1.67
22 07 19 00-0934	LF	3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	11.38	1.71
22 07 19 00-0935	LF	4" ID, 0.010" Stainless Steel Insulation Jacketing	11.81	1.75
22 07 19 00-0936	LF	4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	12.25	1.79
22 07 19 00-0937	LF	4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	12.70	1.83
22 07 19 00-0938	LF	5" ID, 0.010" Stainless Steel Insulation Jacketing	13.62	1.92
22 07 19 00-0939	LF	5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	14.60	2.02
22 07 19 00-0940	LF	6" ID, 0.010" Stainless Steel Insulation Jacketing	15.60	2.13
22 07 19 00-0941	LF	6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	16.40	2.19
22 07 19 00-0942	LF	7" ID, 0.010" Stainless Steel Insulation Jacketing	17.22	2.26
22 07 19 00-0943	LF	7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	18.10	2.34
22 07 19 00-0944	LF	8" ID, 0.010" Stainless Steel Insulation Jacketing	18.84	2.38
22 07 19 00-0945	LF	8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	19.59	2.43
22 07 19 00-0946	LF	9" ID, 0.010" Stainless Steel Insulation Jacketing	20.33	2.48
22 07 19 00-0947	LF	9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	21.09	2.52
22 07 19 00-0948	LF	10" ID, 0.010" Stainless Steel Insulation Jacketing	21.84	2.58
22 07 19 00-0949	LF	10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	22.62	2.64
22 07 19 00-0950	LF	11" ID, 0.010" Stainless Steel Insulation Jacketing	23.40	2.69
22 07 19 00-0951	LF	12" ID, 0.010" Stainless Steel Insulation Jacketing	24.98	2.81
22 07 19 00-0952	LF	13" ID, 0.010" Stainless Steel Insulation Jacketing	26.53	2.92
22 07 19 00-0953	LF	14" ID, 0.010" Stainless Steel Insulation Jacketing	27.82	2.96
22 07 19 00-0954		16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0924)*		
22 07 19 00-0955	LF	2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	12.74	2.04
22 07 19 00-0956	LF	2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	13.31	2.09
22 07 19 00-0957	LF	3" ID, 0.016" Stainless Steel Insulation Jacketing	13.89	2.13
22 07 19 00-0958	LF	3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	14.48	2.17
22 07 19 00-0959	LF	3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	15.08	2.22
22 07 19 00-0960	LF	3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	15.68	2.27
22 07 19 00-0961	LF	4" ID, 0.016" Stainless Steel Insulation Jacketing	16.28	2.32
22 07 19 00-0962	LF	4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	16.91	2.37
22 07 19 00-0963	LF	4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	17.54	2.43
22 07 19 00-0964	LF	5" ID, 0.016" Stainless Steel Insulation Jacketing	18.85	2.55
22 07 19 00-0965	LF	5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	20.19	2.70
22 07 19 00-0966	LF	6" ID, 0.016" Stainless Steel Insulation Jacketing	21.59	2.84
22 07 19 00-0967	LF	6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	22.73	2.93
22 07 19 00-0968	LF	7" ID, 0.016" Stainless Steel Insulation Jacketing	23.89	3.01
22 07 19 00-0969	LF	7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	25.13	3.12
22 07 19 00-0970	LF	8" ID, 0.016" Stainless Steel Insulation Jacketing	26.17	3.18
22 07 19 00-0971	LF	8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	27.22	3.24
22 07 19 00-0972	LF	9" ID, 0.016" Stainless Steel Insulation Jacketing	28.30	3.30
22 07 19 00-0973	LF	9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	29.36	3.36
22 07 19 00-0974	LF	10" ID, 0.016" Stainless Steel Insulation Jacketing	30.44	3.43
22 07 19 00-0975	LF	10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	31.54	3.50
22 07 19 00-0976	LF	11" ID, 0.0106 Stainless Steel Insulation Jacketing	32.64	3.58
22 07 19 00-0977	LF	12" ID, 0.016" Stainless Steel Insulation Jacketing	34.88	3.73
22 07 19 00-0978	LF	13" ID, 0.016" Stainless Steel Insulation Jacketing	37.07	3.87
22 07 19 00-0979	LF	14" ID, 0.016" Stainless Steel Insulation Jacketing	38.92	3.93
22 07 19 00-0980		Type 316 Stainless Steel Insulation Protective Jacketing For Fittings *(22 07 19 00-0924)*		
22 07 19 00-0981	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	26.09	3.05
22 07 19 00-0982	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	26.39	3.13
22 07 19 00-0983	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	27.33	3.21
22 07 19 00-0984	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	27.67	3.29
22 07 19 00-0985	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	28.64	3.34
22 07 19 00-0986	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	29.73	3.40
22 07 19 00-0987	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	31.70	3.49
22 07 19 00-0988	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	37.80	3.56
22 07 19 00-0989	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	38.06	3.63
22 07 19 00-0990	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	39.18	3.77
22 07 19 00-0991	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	51.78	3.96
22 07 19 00-0992	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	56.16	4.17
22 07 19 00-0993	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	71.95	4.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0994	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	72.37	4.53
22 07 19 00-0995	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	81.91	4.64
22 07 19 00-0996	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	82.60	4.81
22 07 19 00-0997	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	84.76	4.81
22 07 19 00-0998	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	119.40	4.93
22 07 19 00-0999	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	117.92	4.99
22 07 19 00-1000	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	118.19	5.06
22 07 19 00-1001	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	137.71	5.13
22 07 19 00-1002	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	132.66	5.20
22 07 19 00-1003	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	148.66	5.41
22 07 19 00-1004	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	198.58	5.65
22 07 19 00-1005	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	200.46	5.82
22 07 19 00-1006	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	23.78	3.05
22 07 19 00-1007	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	24.08	3.13
22 07 19 00-1008	EA	3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	25.27	3.21
22 07 19 00-1009	EA	3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	25.61	3.29
22 07 19 00-1010	EA	3-1/2" ID Stainless Steel 45 Degree Elbow Insulation Jacketing	25.99	3.34
22 07 19 00-1011	EA	3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	26.22	3.40
22 07 19 00-1012	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	30.19	3.49
22 07 19 00-1013	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	37.00	3.56
22 07 19 00-1014	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	37.26	3.63
22 07 19 00-1015	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	37.54	3.70
22 07 19 00-1016	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	38.23	3.77
22 07 19 00-1017	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	39.00	3.96
22 07 19 00-1018	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	44.18	4.17
22 07 19 00-1019	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	45.13	4.42
22 07 19 00-1020	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	64.55	4.53
22 07 19 00-1021	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	65.94	4.64
22 07 19 00-1022	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	66.17	4.69
22 07 19 00-1023	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	74.70	4.81
22 07 19 00-1024	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	75.19	4.93
22 07 19 00-1025	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	85.11	4.99
22 07 19 00-1026	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	85.38	5.06
22 07 19 00-1027	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	98.79	5.13
22 07 19 00-1028	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	99.06	5.20
22 07 19 00-1029	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	106.67	5.41
22 07 19 00-1030	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	122.65	5.65
22 07 19 00-1031		Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0554)*		
22 07 19 00-1032		20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-1031)*		
22 07 19 00-1033	LF	1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	5.96	1.43
22 07 19 00-1034	LF	2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	6.27	1.48
22 07 19 00-1035	LF	2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	6.58	1.54
22 07 19 00-1036	LF	3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	6.92	1.60
22 07 19 00-1037	LF	3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	7.27	1.67
22 07 19 00-1038	LF	4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	7.65	1.75
22 07 19 00-1039	LF	4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.05	1.83
22 07 19 00-1040	LF	5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.48	1.92
22 07 19 00-1041	LF	5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.98	2.02
22 07 19 00-1042	LF	6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.50	2.13
22 07 19 00-1043	LF	6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.82	2.19
22 07 19 00-1044	LF	7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.14	2.26
22 07 19 00-1045	LF	7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.56	2.34
22 07 19 00-1046	LF	8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.81	2.38
22 07 19 00-1047	LF	8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.07	2.43
22 07 19 00-1048	LF	9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.33	2.48
22 07 19 00-1049	LF	9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.61	2.52
22 07 19 00-1050	LF	10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.88	2.58
22 07 19 00-1051	LF	10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.16	2.64
22 07 19 00-1052	LF	11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.46	2.69
22 07 19 00-1053	LF	11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.77	2.75
22 07 19 00-1054	LF	12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.08	2.81
22 07 19 00-1055	LF	12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.42	2.87
22 07 19 00-1056	LF	13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.66	2.92
22 07 19 00-1057	LF	13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.74	2.92
22 07 19 00-1058	LF	14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.00	2.96
22 07 19 00-1059	LF	15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.34	3.01
22 07 19 00-1060	LF	16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.67	3.05
22 07 19 00-1061	LF	17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.02	3.10
22 07 19 00-1062	LF	18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.38	3.15
22 07 19 00-1063	LF	19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.73	3.21
22 07 19 00-1064	LF	20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.11	3.26
22 07 19 00-1065	LF	21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.48	3.32
22 07 19 00-1066	LF	22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.87	3.37
22 07 19 00-1067	LF	23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.25	3.43
22 07 19 00-1068	LF	24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.66	3.49
22 07 19 00-1069	LF	25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.07	3.56
22 07 19 00-1070	LF	26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.48	3.63
22 07 19 00-1071	LF	27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.91	3.70
22 07 19 00-1072	LF	28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.36	3.77
22 07 19 00-1073	LF	29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.81	3.84
22 07 19 00-1074	LF	30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	20.28	3.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1075		**30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing** *(22 07 19 00-1031)*		
22 07 19 00-1076	LF	2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	6.43	1.48
22 07 19 00-1077	LF	2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	6.79	1.54
22 07 19 00-1078	LF	3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	7.17	1.60
22 07 19 00-1079	LF	3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	7.55	1.67
22 07 19 00-1080	LF	4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	7.96	1.75
22 07 19 00-1081	LF	4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	8.40	1.83
22 07 19 00-1082	LF	5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	8.87	1.92
22 07 19 00-1083	LF	5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.40	2.02
22 07 19 00-1084	LF	6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.95	2.13
22 07 19 00-1085	LF	6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.31	2.19
22 07 19 00-1086	LF	7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.67	2.26
22 07 19 00-1087	LF	7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.13	2.34
22 07 19 00-1088	LF	8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.42	2.38
22 07 19 00-1089	LF	8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.72	2.43
22 07 19 00-1090	LF	9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.01	2.48
22 07 19 00-1091	LF	9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.32	2.52
22 07 19 00-1092	LF	10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.63	2.58
22 07 19 00-1093	LF	10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.95	2.64
22 07 19 00-1094	LF	11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.28	2.69
22 07 19 00-1095	LF	11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.62	2.75
22 07 19 00-1096	LF	12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.98	2.81
22 07 19 00-1097	LF	12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.36	2.87
22 07 19 00-1098	LF	13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.64	2.92
22 07 19 00-1099	LF	13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.75	2.92
22 07 19 00-1100	LF	14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.04	2.96
22 07 19 00-1101	LF	15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.45	3.01
22 07 19 00-1102	LF	16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.86	3.05
22 07 19 00-1103	LF	17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.28	3.10
22 07 19 00-1104	LF	18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.71	3.15
22 07 19 00-1105	LF	19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.14	3.21
22 07 19 00-1106	LF	20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.59	3.26
22 07 19 00-1107	LF	21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.04	3.32
22 07 19 00-1108	LF	22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.49	3.37
22 07 19 00-1109	LF	23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.95	3.43
22 07 19 00-1110	LF	24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.42	3.49
22 07 19 00-1111	LF	25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.92	3.56
22 07 19 00-1112	LF	26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.40	3.63
22 07 19 00-1113	LF	27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.90	3.70
22 07 19 00-1114	LF	28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	21.42	3.77
22 07 19 00-1115	LF	29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	21.95	3.84
22 07 19 00-1116	LF	30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.48	3.92
22 07 19 00-1117		**Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings** *(22 07 19 00-1031)*		
22 07 19 00-1118	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	12.00	2.85
22 07 19 00-1119	EA	2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	12.59	2.96
22 07 19 00-1120	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	12.86	3.01
22 07 19 00-1121	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	13.13	3.05
22 07 19 00-1122	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	13.51	3.13
22 07 19 00-1123	EA	3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	13.88	3.21
22 07 19 00-1124	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	14.47	3.32
22 07 19 00-1125	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	14.97	3.40
22 07 19 00-1126	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	15.69	3.49
22 07 19 00-1127	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	16.71	3.66
22 07 19 00-1128	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	17.79	3.84
22 07 19 00-1129	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.36	4.04
22 07 19 00-1130	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	22.39	4.27
22 07 19 00-1131	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	23.25	4.42
22 07 19 00-1132	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	25.08	4.53
22 07 19 00-1133	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	25.86	4.64
22 07 19 00-1134	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	28.65	4.81
22 07 19 00-1135	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	32.57	4.99
22 07 19 00-1136	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	34.85	5.20
22 07 19 00-1137	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	37.77	5.41
22 07 19 00-1138	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	42.97	5.65
22 07 19 00-1139	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	46.57	5.82
22 07 19 00-1140	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	49.03	6.00
22 07 19 00-1141	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	51.70	6.10
22 07 19 00-1142	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	55.08	6.21
22 07 19 00-1143	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	64.27	6.31
22 07 19 00-1144	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	78.66	6.41
22 07 19 00-1145	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	94.22	6.52
22 07 19 00-1146	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	12.00	2.85
22 07 19 00-1147	EA	2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	12.59	2.96
22 07 19 00-1148	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	12.86	3.01
22 07 19 00-1149	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	13.13	3.05
22 07 19 00-1150	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	13.51	3.13
22 07 19 00-1151	EA	3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	13.88	3.21
22 07 19 00-1152	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	14.47	3.32
22 07 19 00-1153	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	14.97	3.40
22 07 19 00-1154	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	15.69	3.49
22 07 19 00-1155	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	16.71	3.66
22 07 19 00-1156	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	17.79	3.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1157	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.36	4.04
22 07 19 00-1158	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	22.39	4.27
22 07 19 00-1159	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	23.25	4.42
22 07 19 00-1160	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	25.08	4.53
22 07 19 00-1161	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	25.86	4.64
22 07 19 00-1162	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	28.65	4.81
22 07 19 00-1163	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	32.57	4.99
22 07 19 00-1164	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	34.84	5.20
22 07 19 00-1165	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	37.15	5.41
22 07 19 00-1166	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	39.91	5.65
22 07 19 00-1167	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	43.07	5.82
22 07 19 00-1168	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	45.24	6.00
22 07 19 00-1169	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	48.63	6.10
22 07 19 00-1170	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	52.08	6.21
22 07 19 00-1171	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	58.55	6.31
22 07 19 00-1172	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	71.10	6.41
22 07 19 00-1173	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	77.57	6.52
22 07 19 00-1174	EA	1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	17.18	4.00
22 07 19 00-1175	EA	2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	17.67	4.09
22 07 19 00-1176	EA	2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	18.32	4.22
22 07 19 00-1177	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	19.04	4.36
22 07 19 00-1178	EA	2-3/4"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	19.80	4.53
22 07 19 00-1179	EA	3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	20.62	4.69
22 07 19 00-1180	EA	3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	21.59	4.87
22 07 19 00-1181	EA	3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	22.66	5.06
22 07 19 00-1182	EA	4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	23.94	5.27
22 07 19 00-1183	EA	4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	25.54	5.49
22 07 19 00-1184	EA	5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	27.24	5.74
22 07 19 00-1185	EA	5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	30.11	6.10
22 07 19 00-1186	EA	6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	33.12	6.41
22 07 19 00-1187	EA	6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	35.34	6.52
22 07 19 00-1188	EA	7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	41.95	6.75
22 07 19 00-1189	EA	7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	44.90	7.12
22 07 19 00-1190	EA	8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	49.55	7.39
22 07 19 00-1191	EA	9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	54.32	7.68
22 07 19 00-1192	EA	10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	55.87	8.01
22 07 19 00-1193	EA	11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	59.20	8.18
22 07 19 00-1194	EA	12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	62.55	8.36
22 07 19 00-1195	EA	14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	65.97	8.54
22 07 19 00-1196	EA	15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	69.37	8.74
22 07 19 00-1197	EA	16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	72.84	8.94
22 07 19 00-1198	EA	17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	76.31	9.15
22 07 19 00-1199	EA	18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	81.20	9.37
22 07 19 00-1200	EA	19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	86.12	9.61
22 07 19 00-1201	EA	20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	91.97	9.86
22 07 19 00-1202	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	15.81	2.75
22 07 19 00-1203	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	15.81	2.75
22 07 19 00-1204	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	17.51	2.85
22 07 19 00-1205	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	17.51	2.85
22 07 19 00-1206	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	21.49	2.96
22 07 19 00-1207	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	23.02	3.08
22 07 19 00-1208	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	24.82	3.21
22 07 19 00-1209	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	27.28	3.34
22 07 19 00-1210	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	29.47	3.49
22 07 19 00-1211	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	34.64	3.84
22 07 19 00-1212	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	45.54	4.27
22 07 19 00-1213	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	50.20	4.81
22 07 19 00-1214	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	60.15	5.13
22 07 19 00-1215	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	79.61	5.65
22 07 19 00-1216	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	80.76	5.91
22 07 19 00-1217	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	102.07	6.10
22 07 19 00-1218	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	132.02	6.31
22 07 19 00-1219	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	15.28	2.75
22 07 19 00-1220	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	15.28	2.75
22 07 19 00-1221	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	16.87	2.85
22 07 19 00-1222	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	16.87	2.85
22 07 19 00-1223	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	20.43	2.96
22 07 19 00-1224	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	21.85	3.08
22 07 19 00-1225	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	23.53	3.21
22 07 19 00-1226	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	24.69	3.34
22 07 19 00-1227	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	27.76	3.49
22 07 19 00-1228	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	32.51	3.84
22 07 19 00-1229	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	42.41	4.27
22 07 19 00-1230	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	46.78	4.81
22 07 19 00-1231	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	55.79	5.13
22 07 19 00-1232	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	73.38	5.65
22 07 19 00-1233	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	89.70	5.91
22 07 19 00-1234	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	104.42	6.10
22 07 19 00-1235	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	119.64	6.31
22 07 19 00-1236	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	22.83	4.13
22 07 19 00-1237	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	22.83	4.13
22 07 19 00-1238	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	25.05	4.27
22 07 19 00-1239	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	25.05	4.27
22 07 19 00-1240	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	30.22	4.42
22 07 19 00-1241	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	32.26	4.58

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1242	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	34.83	4.81
22 07 19 00-1243	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	36.52	4.99
22 07 19 00-1244	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	41.27	5.27
22 07 19 00-1245	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	45.21	5.74
22 07 19 00-1246	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	58.55	6.41
22 07 19 00-1247	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	64.17	7.12
22 07 19 00-1248	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	82.30	7.68
22 07 19 00-1249	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	107.51	8.36
22 07 19 00-1250	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	125.24	8.94
22 07 19 00-1251	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	143.95	9.15
22 07 19 00-1252	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	155.75	9.37

22 10 Plumbing Piping *(22)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution *(22 10)*

22 11 16 Domestic Water Piping *(22 11)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	15.42	3.58
		For ASTM 120, Deduct	*-0.53*	
		For Work In Restricted Working Space, Add	*3.56*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.97*	
22 11 16 00-0003	LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	16.93	3.85
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*3.77*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.48*	
22 11 16 00-0004	LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	19.15	4.21
		For ASTM 120, Deduct	*-0.86*	
		For Work In Restricted Working Space, Add	*4.03*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.26*	
22 11 16 00-0005	LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	22.42	4.39
		For ASTM 120, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*4.28*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*6.52*	
22 11 16 00-0006	LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	24.17	5.19
		For ASTM 120, Deduct	*-1.39*	
		For Work In Restricted Working Space, Add	*4.46*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*7.16*	
22 11 16 00-0007	LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	29.19	6.27
		For ASTM 120, Deduct	*-1.84*	
		For Work In Restricted Working Space, Add	*5.08*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*8.90*	
22 11 16 00-0008	LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	42.95	7.43
		For ASTM 120, Deduct	*-3.47*	
		For Work In Restricted Working Space, Add	*5.96*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*14.37*	
22 11 16 00-0009	LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	52.86	9.94
		For ASTM 120, Deduct	*-4.32*	
		For Work In Restricted Working Space, Add	*7.22*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*17.77*	
22 11 16 00-0010	LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	81.93	11.21
		For ASTM 120, Deduct	*-8.36*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*30.33*	
22 11 16 00-0011	LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	144.93	14.32
		For ASTM 120, Deduct	*-17.00*	
		For Work In Restricted Working Space, Add	*9.49*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*57.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0012	LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	176.77	16.94
		For ASTM 120, Deduct	*-21.13*	
		For Work In Restricted Working Space, Add	*10.78*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*70.56*	

22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

22 11 16 00-0014 Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: ASTM A-53. Includes coupling. Welded pipe has a weld bead on the inside.

22 11 16 00-0015	LF	1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	7.21	3.58
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*1.63*	
		For Schedule 80 Pipe, Add	*1.40*	
22 11 16 00-0016	LF	3/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	8.14	3.85
		For ASTM 120, Deduct	*-0.36*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Schedule 80 Pipe, Add	*1.71*	
22 11 16 00-0017	LF	1" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	9.78	4.21
		For ASTM 120, Deduct	*-0.53*	
		For Work In Restricted Working Space, Add	*1.88*	
		For Schedule 80 Pipe, Add	*2.32*	
22 11 16 00-0018	LF	1-1/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	11.39	4.39
		For ASTM 120, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*1.99*	
		For Schedule 80 Pipe, Add	*2.95*	
22 11 16 00-0019	LF	1-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	13.48	5.19
		For ASTM 120, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*2.34*	
		For Schedule 80 Pipe, Add	*3.51*	
22 11 16 00-0020	LF	2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	17.08	6.27
		For ASTM 120, Deduct	*-1.15*	
		For Work In Restricted Working Space, Add	*2.83*	
		For Schedule 80 Pipe, Add	*4.62*	
22 11 16 00-0021	LF	2-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	23.33	7.43
		For ASTM 120, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*3.36*	
		For Schedule 80 Pipe, Add	*6.94*	
22 11 16 00-0022	LF	3" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	30.81	9.94
		For ASTM 120, Deduct	*-2.38*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Pipe, Add	*9.12*	
22 11 16 00-0023	LF	4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	39.45	11.21
		For ASTM 120, Deduct	*-3.39*	
		For Work In Restricted Working Space, Add	*5.06*	
		For Schedule 80 Pipe, Add	*12.53*	
22 11 16 00-0024	LF	5" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	51.77	14.32
		For ASTM 120, Deduct	*-4.55*	
		For Work In Restricted Working Space, Add	*6.44*	
		For Schedule 80 Pipe, Add	*16.70*	
22 11 16 00-0025	LF	6" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	64.70	16.94
		For ASTM 120, Deduct	*-5.90*	
		For Work In Restricted Working Space, Add	*7.61*	
		For Schedule 80 Pipe, Add	*21.42*	
22 11 16 00-0026	LF	8" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	73.12	20.47
		For ASTM 120, Deduct	*-6.37*	
		For Work In Restricted Working Space, Add	*9.19*	
		For Schedule 80 Pipe, Add	*23.46*	

22 11 16 00-0027 Seamless, Threaded And Coupled, Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: ASTM A-53. Includes coupling.

22 11 16 00-0028	LF	1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	9.39	3.58
		For ASTM 120, Deduct	*-0.60*	
		For Work In Restricted Working Space, Add	*1.63*	
		For Schedule 80 Pipe, Add	*2.45*	
22 11 16 00-0029	LF	3/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	10.53	3.85
		For ASTM 120, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*1.73*	
		For Schedule 80 Pipe, Add	*2.86*	
22 11 16 00-0030	LF	1" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	11.79	4.21
		For ASTM 120, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*1.88*	
		For Schedule 80 Pipe, Add	*3.28*	
22 11 16 00-0031	LF	1-1/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	13.58	4.39
		For ASTM 120, Deduct	*-1.04*	
		For Work In Restricted Working Space, Add	*1.99*	
		For Schedule 80 Pipe, Add	*4.00*	
22 11 16 00-0032	LF	1-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	15.73	5.19
		For ASTM 120, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*2.34*	
		For Schedule 80 Pipe, Add	*4.59*	
22 11 16 00-0033	LF	2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	18.47	6.27
		For ASTM 120, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*2.83*	
		For Schedule 80 Pipe, Add	*5.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0034	LF	2-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	26.33	7.43
		For ASTM 120, Deduct	*-2.27*	
		For Work In Restricted Working Space, Add	*3.36*	
		For Schedule 80 Pipe, Add	*8.38*	
22 11 16 00-0035	LF	3" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	33.43	9.94
		For ASTM 120, Deduct	*-2.78*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Pipe, Add	*10.37*	
22 11 16 00-0036	LF	4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	43.30	11.21
		For ASTM 120, Deduct	*-3.97*	
		For Work In Restricted Working Space, Add	*5.06*	
		For Schedule 80 Pipe, Add	*14.38*	
22 11 16 00-0037	LF	5" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	55.97	14.32
		For ASTM 120, Deduct	*-5.18*	
		For Work In Restricted Working Space, Add	*6.44*	
		For Schedule 80 Pipe, Add	*18.71*	
22 11 16 00-0038	LF	6" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	69.53	16.94
		For ASTM 120, Deduct	*-6.62*	
		For Work In Restricted Working Space, Add	*7.61*	
		For Schedule 80 Pipe, Add	*23.73*	

22 11 16 00-0039 Galvanized Malleable Iron 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0040	EA	1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	28.38	15.94
		For ASTM 120, Deduct	*-0.68*	
		For Work In Restricted Working Space, Add	*7.16*	
		For 300 LB Rating, Add	*16.73*	
22 11 16 00-0041	EA	3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	32.26	17.82
		For ASTM 120, Deduct	*-0.83*	
		For Work In Restricted Working Space, Add	*8.02*	
		For 300 LB Rating, Add	*20.41*	
22 11 16 00-0042	EA	1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	40.10	19.88
		For ASTM 120, Deduct	*-1.54*	
		For Work In Restricted Working Space, Add	*8.96*	
		For 300 LB Rating, Add	*36.64*	
22 11 16 00-0043	EA	1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	49.98	22.57
		For ASTM 120, Deduct	*-2.43*	
		For Work In Restricted Working Space, Add	*10.14*	
		For 300 LB Rating, Add	*57.07*	
22 11 16 00-0044	EA	1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	59.25	25.43
		For ASTM 120, Deduct	*-3.17*	
		For Work In Restricted Working Space, Add	*11.43*	
		For 300 LB Rating, Add	*74.16*	
22 11 16 00-0045	EA	2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	83.02	32.33
		For ASTM 120, Deduct	*-5.19*	
		For Work In Restricted Working Space, Add	*14.52*	
		For 300 LB Rating, Add	*120.61*	
22 11 16 00-0046	EA	2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	162.23	47.82
		For ASTM 120, Deduct	*-13.59*	
		For Work In Restricted Working Space, Add	*21.49*	
		For 300 LB Rating, Add	*312.30*	
22 11 16 00-0047	EA	3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	243.62	62.87
		For ASTM 120, Deduct	*-22.40*	
		For Work In Restricted Working Space, Add	*28.28*	
		For 300 LB Rating, Add	*513.45*	
22 11 16 00-0048	EA	4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	361.71	65.54
		For ASTM 120, Deduct	*-39.51*	
		For Work In Restricted Working Space, Add	*29.49*	
		For 300 LB Rating, Add	*901.53*	
22 11 16 00-0049	EA	5", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,240.15	68.41
		For ASTM 120, Deduct	*-170.64*	
		For Work In Restricted Working Space, Add	*30.77*	
		For 300 LB Rating, Add	*3,873.96*	
22 11 16 00-0050	EA	6", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,155.95	71.52
		For ASTM 120, Deduct	*-157.31*	
		For Work In Restricted Working Space, Add	*32.17*	
		For 300 LB Rating, Add	*3,572.12*	
22 11 16 00-0051	EA	8", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,377.27	74.74
		For ASTM 120, Deduct	*-189.78*	
		For Work In Restricted Working Space, Add	*33.61*	
		For 300 LB Rating, Add	*4,308.50*	

22 11 16 00-0052 Galvanized Malleable Iron Reducing 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0053	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	34.92	16.83
		For ASTM 120, Deduct	*-1.44*	
		For Work In Restricted Working Space, Add	*7.59*	
22 11 16 00-0054	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	40.63	18.89
		For ASTM 120, Deduct	*-1.85*	
		For Work In Restricted Working Space, Add	*8.49*	
22 11 16 00-0055	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	39.96	17.91
		For ASTM 120, Deduct	*-1.97*	
		For Work In Restricted Working Space, Add	*8.06*	
22 11 16 00-0056	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	52.53	21.23
		For ASTM 120, Deduct	*-3.11*	
		For Work In Restricted Working Space, Add	*9.55*	
22 11 16 00-0057	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	55.13	20.15
		For ASTM 120, Deduct	*-3.73*	
		For Work In Restricted Working Space, Add	*9.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0058	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	55.18	19.26
		For ASTM 120, Deduct	*-3.95*	
		For Work In Restricted Working Space, Add	*8.65*	
22 11 16 00-0059	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	69.04	23.99
		For ASTM 120, Deduct	*-4.96*	
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0060	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	67.06	22.66
		For ASTM 120, Deduct	*-4.96*	
		For Work In Restricted Working Space, Add	*10.19*	
22 11 16 00-0061	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	65.51	21.58
		For ASTM 120, Deduct	*-4.96*	
		For Work In Restricted Working Space, Add	*9.73*	
22 11 16 00-0062	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	81.91	28.83
		For ASTM 120, Deduct	*-5.80*	
		For Work In Restricted Working Space, Add	*12.98*	
22 11 16 00-0063	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	85.42	27.41
		For ASTM 120, Deduct	*-6.65*	
		For Work In Restricted Working Space, Add	*12.33*	
22 11 16 00-0064	EA	2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	85.11	26.06
		For ASTM 120, Deduct	*-6.90*	
		For Work In Restricted Working Space, Add	*11.74*	
22 11 16 00-0065	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	72.45	25.07
		For ASTM 120, Deduct	*-5.23*	
		For Work In Restricted Working Space, Add	*11.27*	
22 11 16 00-0066	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	191.05	40.03
		For ASTM 120, Deduct	*-19.65*	
		For Work In Restricted Working Space, Add	*18.01*	
22 11 16 00-0067	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	200.86	36.63
		For ASTM 120, Deduct	*-21.90*	
		For Work In Restricted Working Space, Add	*16.46*	
22 11 16 00-0068	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	321.10	55.34
		For ASTM 120, Deduct	*-35.72*	
		For Work In Restricted Working Space, Add	*24.89*	
22 11 16 00-0069	EA	3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	278.18	47.55
		For ASTM 120, Deduct	*-31.03*	
		For Work In Restricted Working Space, Add	*21.40*	
22 11 16 00-0070	EA	4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	632.39	62.34
		For ASTM 120, Deduct	*-80.84*	
		For Work In Restricted Working Space, Add	*28.05*	

22 11 16 00-0071 Galvanized Malleable Iron 45 Degree Elbow *(22 11 16 00-0013)*

22 11 16 00-0072	EA	1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	29.18	15.94
		For ASTM 120, Deduct	*-0.80*	
		For Work In Restricted Working Space, Add	*7.16*	
		For 300 LB Rating, Add	*19.45*	
22 11 16 00-0073	EA	3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	34.36	17.82
		For ASTM 120, Deduct	*-1.14*	
		For Work In Restricted Working Space, Add	*8.02*	
		For 300 LB Rating, Add	*27.55*	
22 11 16 00-0074	EA	1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	38.46	19.88
		For ASTM 120, Deduct	*-1.29*	
		For Work In Restricted Working Space, Add	*8.96*	
		For 300 LB Rating, Add	*31.07*	
22 11 16 00-0075	EA	1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	49.88	22.57
		For ASTM 120, Deduct	*-2.41*	
		For Work In Restricted Working Space, Add	*10.14*	
		For 300 LB Rating, Add	*56.73*	
22 11 16 00-0076	EA	1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	57.01	25.43
		For ASTM 120, Deduct	*-2.84*	
		For Work In Restricted Working Space, Add	*11.43*	
		For 300 LB Rating, Add	*66.55*	
22 11 16 00-0077	EA	2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	76.37	32.33
		For ASTM 120, Deduct	*-4.20*	
		For Work In Restricted Working Space, Add	*14.52*	
		For 300 LB Rating, Add	*98.00*	
22 11 16 00-0078	EA	2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	168.94	47.82
		For ASTM 120, Deduct	*-14.60*	
		For Work In Restricted Working Space, Add	*21.49*	
		For 300 LB Rating, Add	*335.12*	
22 11 16 00-0079	EA	3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	235.79	62.87
		For ASTM 120, Deduct	*-21.23*	
		For Work In Restricted Working Space, Add	*28.28*	
		For 300 LB Rating, Add	*486.82*	
22 11 16 00-0080	EA	4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	335.54	65.54
		For ASTM 120, Deduct	*-35.59*	
		For Work In Restricted Working Space, Add	*29.49*	
		For 300 LB Rating, Add	*812.55*	
22 11 16 00-0081	EA	5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,061.24	68.41
		For ASTM 120, Deduct	*-143.80*	
		For Work In Restricted Working Space, Add	*30.77*	
		For 300 LB Rating, Add	*3,265.67*	
22 11 16 00-0082	EA	6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,263.16	71.52
		For ASTM 120, Deduct	*-173.39*	
		For Work In Restricted Working Space, Add	*32.17*	
		For 300 LB Rating, Add	*3,936.63*	
22 11 16 00-0083	EA	8", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,504.62	74.74
		For ASTM 120, Deduct	*-208.89*	
		For Work In Restricted Working Space, Add	*33.61*	
		For 300 LB Rating, Add	*4,741.49*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 16 00-0084 Galvanized Malleable Iron Tees *(22 11 16 00-0013)*

22 11 16 00-0085	EA	1/2", 150 LB, Galvanized Malleable Iron Tee	35.69	19.88
		For ASTM 120, Deduct	*-0.88*	
		For Work In Restricted Working Space, Add	*8.96*	
		For 300 LB Rating, Add	*21.65*	
22 11 16 00-0086	EA	3/4", 150 LB, Galvanized Malleable Iron Tee	44.08	23.02
		For ASTM 120, Deduct	*-1.44*	
		For Work In Restricted Working Space, Add	*10.34*	
		For 300 LB Rating, Add	*34.81*	
22 11 16 00-0087	EA	1", 150 LB, Galvanized Malleable Iron Tee	56.27	27.13
		For ASTM 120, Deduct	*-2.33*	
		For Work In Restricted Working Space, Add	*12.21*	
		For 300 LB Rating, Add	*55.35*	
22 11 16 00-0088	EA	1-1/4", 150 LB, Galvanized Malleable Iron Tee	73.10	32.33
		For ASTM 120, Deduct	*-3.71*	
		For Work In Restricted Working Space, Add	*14.52*	
		For 300 LB Rating, Add	*86.88*	
22 11 16 00-0089	EA	1-1/2", 150 LB, Galvanized Malleable Iron Tee	88.48	38.50
		For ASTM 120, Deduct	*-4.61*	
		For Work In Restricted Working Space, Add	*17.33*	
		For 300 LB Rating, Add	*107.85*	
22 11 16 00-0090	EA	2", 150 LB, Galvanized Malleable Iron Tee	121.54	47.82
		For ASTM 120, Deduct	*-7.49*	
		For Work In Restricted Working Space, Add	*21.49*	
		For 300 LB Rating, Add	*173.96*	
22 11 16 00-0091	EA	2-1/2", 150 LB, Galvanized Malleable Iron Tee	218.35	51.94
		For ASTM 120, Deduct	*-21.07*	
		For Work In Restricted Working Space, Add	*23.36*	
		For 300 LB Rating, Add	*482.30*	
22 11 16 00-0092	EA	3", 150 LB, Galvanized Malleable Iron Tee	259.00	62.87
		For ASTM 120, Deduct	*-24.71*	
		For Work In Restricted Working Space, Add	*28.28*	
		For 300 LB Rating, Add	*565.74*	
22 11 16 00-0093	EA	4", 150 LB, Galvanized Malleable Iron Tee	513.86	82.81
		For ASTM 120, Deduct	*-58.46*	
		For Work In Restricted Working Space, Add	*37.25*	
		For 300 LB Rating, Add	*1,332.43*	
22 11 16 00-0094	EA	5", 150 LB, Galvanized Malleable Iron Tee	1,372.42	98.32
		For ASTM 120, Deduct	*-183.75*	
		For Work In Restricted Working Space, Add	*44.23*	
		For 300 LB Rating, Add	*4,173.81*	
22 11 16 00-0095	EA	6", 150 LB, Galvanized Malleable Iron Tee	1,557.91	112.39
		For ASTM 120, Deduct	*-208.41*	
		For Work In Restricted Working Space, Add	*50.55*	
		For 300 LB Rating, Add	*4,734.14*	
22 11 16 00-0096	EA	8", 150 LB, Galvanized Malleable Iron Tee	1,853.08	133.45
		For ASTM 120, Deduct	*-247.63*	
		For Work In Restricted Working Space, Add	*60.66*	
		For 300 LB Rating, Add	*5,625.12*	

22 11 16 00-0097 Galvanized Malleable Iron Reducing Tee *(22 11 16 00-0013)*

22 11 16 00-0098	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	43.42	19.88
		For ASTM 120, Deduct	*-2.04*	
		For Work In Restricted Working Space, Add	*8.96*	
		For 300 LB Rating, Add	*47.93*	
22 11 16 00-0099	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Tee	47.83	23.02
		For ASTM 120, Deduct	*-2.01*	
		For Work In Restricted Working Space, Add	*10.34*	
		For 300 LB Rating, Add	*47.56*	
22 11 16 00-0100	EA	1", 150 LB, Galvanized Malleable Iron Reducing Tee	59.51	27.13
		For ASTM 120, Deduct	*-2.82*	
		For Work In Restricted Working Space, Add	*12.21*	
		For 300 LB Rating, Add	*66.36*	
22 11 16 00-0101	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee	77.55	32.33
		For ASTM 120, Deduct	*-4.37*	
		For Work In Restricted Working Space, Add	*14.52*	
		For 300 LB Rating, Add	*102.01*	
22 11 16 00-0102	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	93.78	38.50
		For ASTM 120, Deduct	*-5.40*	
		For Work In Restricted Working Space, Add	*17.33*	
		For 300 LB Rating, Add	*125.87*	
22 11 16 00-0103	EA	2", 150 LB, Galvanized Malleable Iron Reducing Tee	124.21	47.82
		For ASTM 120, Deduct	*-7.89*	
		For Work In Restricted Working Space, Add	*21.49*	
		For 300 LB Rating, Add	*183.04*	
22 11 16 00-0104	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	263.77	52.11
		For ASTM 120, Deduct	*-27.85*	
		For Work In Restricted Working Space, Add	*23.43*	
		For 300 LB Rating, Add	*635.93*	
22 11 16 00-0105	EA	3", 150 LB, Galvanized Malleable Iron Reducing Tee	336.55	63.85
		For ASTM 120, Deduct	*-36.12*	
		For Work In Restricted Working Space, Add	*28.73*	
		For 300 LB Rating, Add	*824.43*	
22 11 16 00-0106	EA	4", 150 LB, Galvanized Malleable Iron Reducing Tee	822.18	82.81
		For ASTM 120, Deduct	*-104.70*	
		For Work In Restricted Working Space, Add	*37.25*	
		For 300 LB Rating, Add	*2,380.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0107	EA	5", 150 LB, Galvanized Malleable Iron Reducing Tee	1,765.73	98.32
		For ASTM 120, Deduct	*-242.75*	
		For Work In Restricted Working Space, Add	*44.23*	
		For 300 LB Rating, Add	*5,511.07*	
22 11 16 00-0108	EA	6", 150 LB, Galvanized Malleable Iron Reducing Tee	2,004.87	112.39
		For ASTM 120, Deduct	*-275.46*	
		For Work In Restricted Working Space, Add	*50.55*	
		For 300 LB Rating, Add	*6,253.80*	
22 11 16 00-0109	EA	8", 150 LB, Galvanized Malleable Iron Reducing Tee	2,407.97	129.05
		For ASTM 120, Deduct	*-332.13*	
		For Work In Restricted Working Space, Add	*58.13*	
		For 300 LB Rating, Add	*7,539.91*	

22 11 16 00-0110 Galvanized Malleable Iron Couplings *(22 11 16 00-0013)*

22 11 16 00-0111	EA	1/2", 150 LB, Galvanized Malleable Iron Coupling	28.04	15.94
		For ASTM 120, Deduct	*-0.62*	
		For Work In Restricted Working Space, Add	*7.16*	
		For 300 LB Rating, Add	*15.58*	
22 11 16 00-0112	EA	3/4", 150 LB, Galvanized Malleable Iron Coupling	31.52	17.82
		For ASTM 120, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*8.02*	
		For 300 LB Rating, Add	*17.89*	
22 11 16 00-0113	EA	1", 150 LB, Galvanized Malleable Iron Coupling	37.70	19.88
		For ASTM 120, Deduct	*-1.18*	
		For Work In Restricted Working Space, Add	*8.96*	
		For 300 LB Rating, Add	*28.48*	
22 11 16 00-0114	EA	1-1/4", 150 LB, Galvanized Malleable Iron Coupling	44.87	22.57
		For ASTM 120, Deduct	*-1.66*	
		For Work In Restricted Working Space, Add	*10.14*	
		For 300 LB Rating, Add	*39.70*	
22 11 16 00-0115	EA	1-1/2", 150 LB, Galvanized Malleable Iron Coupling	50.70	25.43
		For ASTM 120, Deduct	*-1.89*	
		For Work In Restricted Working Space, Add	*11.43*	
		For 300 LB Rating, Add	*45.09*	
22 11 16 00-0116	EA	2", 150 LB, Galvanized Malleable Iron Coupling	66.81	32.33
		For ASTM 120, Deduct	*-2.76*	
		For Work In Restricted Working Space, Add	*14.52*	
		For 300 LB Rating, Add	*65.50*	
22 11 16 00-0117	EA	2-1/2", 150 LB, Galvanized Malleable Iron Coupling	128.00	47.82
		For ASTM 120, Deduct	*-8.45*	
		For Work In Restricted Working Space, Add	*21.49*	
		For 300 LB Rating, Add	*195.92*	
22 11 16 00-0118	EA	3", 150 LB, Galvanized Malleable Iron Coupling	169.60	62.87
		For ASTM 120, Deduct	*-11.30*	
		For Work In Restricted Working Space, Add	*28.28*	
		For 300 LB Rating, Add	*261.78*	
22 11 16 00-0119	EA	4", 150 LB, Galvanized Malleable Iron Coupling	258.27	65.54
		For ASTM 120, Deduct	*-24.00*	
		For Work In Restricted Working Space, Add	*29.49*	
		For 300 LB Rating, Add	*549.83*	
22 11 16 00-0120	EA	5", 150 LB, Galvanized Malleable Iron Coupling	553.03	68.41
		For ASTM 120, Deduct	*-67.57*	
		For Work In Restricted Working Space, Add	*30.77*	
		For 300 LB Rating, Add	*1,537.75*	
22 11 16 00-0121	EA	6", 150 LB, Galvanized Malleable Iron Coupling	620.42	71.52
		For ASTM 120, Deduct	*-76.98*	
		For Work In Restricted Working Space, Add	*32.17*	
		For 300 LB Rating, Add	*1,751.31*	
22 11 16 00-0122	EA	8", 150 LB, Galvanized Malleable Iron Coupling	730.56	74.74
		For ASTM 120, Deduct	*-92.78*	
		For Work In Restricted Working Space, Add	*33.61*	
		For 300 LB Rating, Add	*2,109.69*	

22 11 16 00-0123 Galvanized Malleable Iron Reducing Couplings *(22 11 16 00-0013)*

22 11 16 00-0124	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	28.93	15.94
		For ASTM 120, Deduct	*-0.76*	
		For Work In Restricted Working Space, Add	*7.16*	
		For 300 LB Rating, Add	*18.60*	
22 11 16 00-0125	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	32.12	17.82
		For ASTM 120, Deduct	*-0.81*	
		For Work In Restricted Working Space, Add	*8.02*	
		For 300 LB Rating, Add	*19.93*	
22 11 16 00-0126	EA	1", 150 LB, Galvanized Malleable Iron Reducing Coupling	38.84	19.88
		For ASTM 120, Deduct	*-1.35*	
		For Work In Restricted Working Space, Add	*8.96*	
		For 300 LB Rating, Add	*32.36*	
22 11 16 00-0127	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	45.42	22.57
		For ASTM 120, Deduct	*-1.74*	
		For Work In Restricted Working Space, Add	*10.14*	
		For 300 LB Rating, Add	*41.57*	
22 11 16 00-0128	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	53.11	25.43
		For ASTM 120, Deduct	*-2.25*	
		For Work In Restricted Working Space, Add	*11.43*	
		For 300 LB Rating, Add	*53.29*	
22 11 16 00-0129	EA	2", 150 LB, Galvanized Malleable Iron Reducing Coupling	68.85	32.33
		For ASTM 120, Deduct	*-3.07*	
		For Work In Restricted Working Space, Add	*14.52*	
		For 300 LB Rating, Add	*72.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0130	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	128.71	47.82
		For ASTM 120, Deduct	*-8.56*	
		For Work In Restricted Working Space, Add	*21.49*	
		For 300 LB Rating, Add	*198.34*	
22 11 16 00-0131	EA	3", 150 LB, Galvanized Malleable Iron Reducing Coupling	167.46	62.87
		For ASTM 120, Deduct	*-10.98*	
		For Work In Restricted Working Space, Add	*28.28*	
		For 300 LB Rating, Add	*254.50*	
22 11 16 00-0132	EA	4", 150 LB, Galvanized Malleable Iron Reducing Coupling	262.39	65.54
		For ASTM 120, Deduct	*-24.62*	
		For Work In Restricted Working Space, Add	*29.49*	
		For 300 LB Rating, Add	*563.84*	
22 11 16 00-0133	EA	5", 150 LB, Galvanized Malleable Iron Reducing Coupling	576.74	68.41
		For ASTM 120, Deduct	*-71.13*	
		For Work In Restricted Working Space, Add	*30.77*	
		For 300 LB Rating, Add	*1,618.37*	
22 11 16 00-0134	EA	6", 150 LB, Galvanized Malleable Iron Reducing Coupling	647.43	71.52
		For ASTM 120, Deduct	*-81.03*	
		For Work In Restricted Working Space, Add	*32.17*	
		For 300 LB Rating, Add	*1,843.15*	
22 11 16 00-0135	EA	8", 150 LB, Galvanized Malleable Iron Reducing Coupling	763.35	74.74
		For ASTM 120, Deduct	*-97.70*	
		For Work In Restricted Working Space, Add	*33.61*	
		For 300 LB Rating, Add	*2,221.18*	

22 11 16 00-0136 Galvanized Malleable Iron Caps *(22 11 16 00-0013)*

22 11 16 00-0137	EA	1/2", 150 LB, Galvanized Malleable Iron Cap	13.13	7.43
		For ASTM 120, Deduct	*-0.29*	
		For Work In Restricted Working Space, Add	*3.36*	
		For 300 LB Rating, Add	*7.23*	
22 11 16 00-0138	EA	3/4", 150 LB, Galvanized Malleable Iron Cap	14.62	7.97
		For ASTM 120, Deduct	*-0.40*	
		For Work In Restricted Working Space, Add	*3.58*	
		For 300 LB Rating, Add	*9.83*	
22 11 16 00-0139	EA	1", 150 LB, Galvanized Malleable Iron Cap	17.09	9.23
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*4.13*	
		For 300 LB Rating, Add	*12.11*	
22 11 16 00-0140	EA	1-1/4", 150 LB, Galvanized Malleable Iron Cap	18.82	9.67
		For ASTM 120, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*4.34*	
		For 300 LB Rating, Add	*15.73*	
22 11 16 00-0141	EA	1-1/2", 150 LB, Galvanized Malleable Iron Cap	18.54	9.67
		For ASTM 120, Deduct	*-0.61*	
		For Work In Restricted Working Space, Add	*4.34*	
		For 300 LB Rating, Add	*14.77*	
22 11 16 00-0142	EA	2", 150 LB, Galvanized Malleable Iron Cap	28.01	12.81
		For ASTM 120, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*5.78*	
		For 300 LB Rating, Add	*30.91*	
22 11 16 00-0143	EA	2-1/2", 150 LB, Galvanized Malleable Iron Cap	43.53	15.94
		For ASTM 120, Deduct	*-2.95*	
		For Work In Restricted Working Space, Add	*7.16*	
		For 300 LB Rating, Add	*68.24*	
22 11 16 00-0144	EA	3", 150 LB, Galvanized Malleable Iron Cap	56.85	19.26
		For ASTM 120, Deduct	*-4.20*	
		For Work In Restricted Working Space, Add	*8.66*	
		For 300 LB Rating, Add	*96.83*	
22 11 16 00-0145	EA	4", 150 LB, Galvanized Malleable Iron Cap	85.99	22.50
		For ASTM 120, Deduct	*-7.84*	
		For Work In Restricted Working Space, Add	*10.11*	
		For 300 LB Rating, Add	*179.81*	
22 11 16 00-0146	EA	5", 150 LB, Galvanized Malleable Iron Cap	215.70	28.13
		For ASTM 120, Deduct	*-26.04*	
		For Work In Restricted Working Space, Add	*12.64*	
		For 300 LB Rating, Add	*592.70*	
22 11 16 00-0147	EA	6", 150 LB, Galvanized Malleable Iron Cap	268.96	33.45
		For ASTM 120, Deduct	*-32.82*	
		For Work In Restricted Working Space, Add	*15.06*	
		For 300 LB Rating, Add	*746.83*	
22 11 16 00-0148	EA	8", 150 LB, Galvanized Malleable Iron Cap	339.55	37.37
		For ASTM 120, Deduct	*-42.53*	
		For Work In Restricted Working Space, Add	*16.81*	
		For 300 LB Rating, Add	*967.33*	

22 11 16 00-0149 Galvanized Malleable Iron Unions *(22 11 16 00-0013)*

22 11 16 00-0150	EA	1/2", 150 LB, Galvanized Malleable Iron Union	46.18	19.88
		For Work In Restricted Working Space, Add	*8.96*	
22 11 16 00-0151	EA	3/4", 150 LB, Galvanized Malleable Iron Union	53.21	23.02
		For Work In Restricted Working Space, Add	*10.34*	
22 11 16 00-0152	EA	1", 150 LB, Galvanized Malleable Iron Union	65.28	27.13
		For Work In Restricted Working Space, Add	*12.21*	
22 11 16 00-0153	EA	1-1/4", 150 LB, Galvanized Malleable Iron Union	83.92	32.33
		For Work In Restricted Working Space, Add	*14.52*	
22 11 16 00-0154	EA	1-1/2", 150 LB, Galvanized Malleable Iron Union	100.82	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 11 16 00-0155	EA	2", 150 LB, Galvanized Malleable Iron Union	121.12	47.82
		For Work In Restricted Working Space, Add	*21.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0156	EA	2-1/2", 150 LB, Galvanized Malleable Iron Union	277.63	70.48
		For Work In Restricted Working Space, Add	*31.73*	
22 11 16 00-0157	EA	3", 150 LB, Galvanized Malleable Iron Union	379.70	92.69
		For Work In Restricted Working Space, Add	*41.75*	
22 11 16 00-0158	EA	1/2", 250 LB, Galvanized Malleable Iron Union	63.05	19.88
		For Work In Restricted Working Space, Add	*8.96*	
22 11 16 00-0159	EA	3/4", 250 LB, Galvanized Malleable Iron Union	64.61	23.02
		For Work In Restricted Working Space, Add	*10.33*	
22 11 16 00-0160	EA	1", 250 LB, Galvanized Malleable Iron Union	78.11	27.13
		For Work In Restricted Working Space, Add	*12.21*	
22 11 16 00-0161	EA	1-1/4", 250 LB, Galvanized Malleable Iron Union	105.04	32.33
		For Work In Restricted Working Space, Add	*14.52*	
22 11 16 00-0162	EA	1-1/2", 250 LB, Galvanized Malleable Iron Union	122.98	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 11 16 00-0163	EA	2", 250 LB, Galvanized Malleable Iron Union	163.72	47.82
		For Work In Restricted Working Space, Add	*21.49*	
22 11 16 00-0164	EA	2-1/2", 250 LB, Galvanized Malleable Iron Union	347.99	70.48
		For Work In Restricted Working Space, Add	*31.73*	
22 11 16 00-0165	EA	3", 250 LB, Galvanized Malleable Iron Union	510.80	92.69
		For Work In Restricted Working Space, Add	*41.75*	
22 11 16 00-0166	EA	4", 250 LB, Galvanized Malleable Iron Union	728.08	96.72
		For Work In Restricted Working Space, Add	*43.53*	
22 11 16 00-0167	EA	1/2", 300 LB, Galvanized Malleable Iron Union	67.68	19.88
		For Work In Restricted Working Space, Add	*8.96*	
22 11 16 00-0168	EA	3/4", 300 LB, Galvanized Malleable Iron Union	75.46	23.02
		For Work In Restricted Working Space, Add	*10.33*	
22 11 16 00-0169	EA	1", 300 LB, Galvanized Malleable Iron Union	95.13	27.13
		For Work In Restricted Working Space, Add	*12.21*	
22 11 16 00-0170	EA	1-1/4", 300 LB, Galvanized Malleable Iron Union	124.28	32.33
		For Work In Restricted Working Space, Add	*14.52*	
22 11 16 00-0171	EA	1-1/2", 300 LB, Galvanized Malleable Iron Union	149.15	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 11 16 00-0172	EA	2", 300 LB, Galvanized Malleable Iron Union	181.31	47.82
		For Work In Restricted Working Space, Add	*21.49*	
22 11 16 00-0173	EA	2-1/2", 300 LB, Galvanized Malleable Iron Union	411.67	70.48
		For Work In Restricted Working Space, Add	*31.73*	
22 11 16 00-0174	EA	3", 300 LB, Galvanized Malleable Iron Union	656.53	92.69
		For Work In Restricted Working Space, Add	*41.75*	
22 11 16 00-0175	EA	4", 300 LB, Galvanized Malleable Iron Union	1,442.69	96.72
		For Work In Restricted Working Space, Add	*43.53*	

22 11 16 00-0176 Galvanized Steel Nipples *(22 11 16 00-0013)*

Note: ASTM A-53.

22 11 16 00-0177	EA	3/8" x Close, Schedule 40 Galvanized Steel Nipple	14.50	8.51
		For ASTM 120, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*1.94*	
22 11 16 00-0178	EA	1/2" x Close, Schedule 40 Galvanized Steel Nipple	14.18	8.51
		For ASTM 120, Deduct	*-0.21*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*1.57*	
22 11 16 00-0179	EA	3/4" x Close, Schedule 40 Galvanized Steel Nipple	14.48	8.51
		For ASTM 120, Deduct	*-0.25*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*1.92*	
22 11 16 00-0180	EA	1" x Close, Schedule 40 Galvanized Steel Nipple	16.07	9.23
		For ASTM 120, Deduct	*-0.35*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*2.62*	
22 11 16 00-0181	EA	1-1/4" x Close, Schedule 40 Galvanized Steel Nipple	18.01	9.94
		For ASTM 120, Deduct	*-0.46*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*3.51*	
22 11 16 00-0182	EA	1-1/2" x Close, Schedule 40 Galvanized Steel Nipple	18.55	9.94
		For ASTM 120, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*4.13*	
22 11 16 00-0183	EA	2" x Close, Schedule 40 Galvanized Steel Nipple	24.36	12.81
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*5.81*	
22 11 16 00-0184	EA	2-1/2" x Close, Schedule 40 Galvanized Steel Nipple	39.06	15.94
		For ASTM 120, Deduct	*-2.28*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Schedule 80 Nipples, Add	*17.31*	
22 11 16 00-0185	EA	3" x Close, Schedule 40 Galvanized Steel Nipple	47.07	19.26
		For ASTM 120, Deduct	*-2.73*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Schedule 80 Nipples, Add	*20.74*	
22 11 16 00-0186	EA	4" x Close, Schedule 40 Galvanized Steel Nipple	60.96	22.50
		For ASTM 120, Deduct	*-4.09*	
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Nipples, Add	*31.08*	
22 11 16 00-0187	EA	3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.76	8.51
		For ASTM 120, Deduct	*-0.29*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0188	EA	1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.25	8.51
		For ASTM 120, Deduct	*-0.22*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*1.65*	
22 11 16 00-0189	EA	3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.62	8.51
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.07*	
22 11 16 00-0190	EA	3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple	14.76	8.51
		For ASTM 120, Deduct	*-0.29*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.23*	
22 11 16 00-0191	EA	1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	14.25	8.51
		For ASTM 120, Deduct	*-0.22*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*1.65*	
22 11 16 00-0192	EA	3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	14.62	8.51
		For ASTM 120, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.07*	
22 11 16 00-0193	EA	1" x 2" Long, Schedule 40 Galvanized Steel Nipple	16.48	9.23
		For ASTM 120, Deduct	*-0.41*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*3.09*	
22 11 16 00-0194	EA	1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	18.24	9.94
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*3.77*	
22 11 16 00-0195	EA	1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	18.81	9.94
		For ASTM 120, Deduct	*-0.58*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*4.42*	
22 11 16 00-0196	EA	3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	15.41	8.51
		For ASTM 120, Deduct	*-0.39*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.98*	
22 11 16 00-0197	EA	1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.50	8.51
		For ASTM 120, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*1.94*	
22 11 16 00-0198	EA	3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.82	8.51
		For ASTM 120, Deduct	*-0.30*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.30*	
22 11 16 00-0199	EA	1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.71	9.23
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*3.35*	
22 11 16 00-0200	EA	1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.56	9.94
		For ASTM 120, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*4.14*	
22 11 16 00-0201	EA	1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.26	9.94
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*4.94*	
22 11 16 00-0202	EA	2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	25.00	12.81
		For ASTM 120, Deduct	*-0.86*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*6.54*	
22 11 16 00-0203	EA	3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple	15.41	8.51
		For ASTM 120, Deduct	*-0.39*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.98*	
22 11 16 00-0204	EA	1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	14.50	8.51
		For ASTM 120, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*1.94*	
22 11 16 00-0205	EA	3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	14.82	8.51
		For ASTM 120, Deduct	*-0.30*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.30*	
22 11 16 00-0206	EA	1" x 3" Long, Schedule 40 Galvanized Steel Nipple	16.71	9.23
		For ASTM 120, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*3.35*	
22 11 16 00-0207	EA	1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	18.56	9.94
		For ASTM 120, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*4.14*	
22 11 16 00-0208	EA	1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	19.26	9.94
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*4.94*	
22 11 16 00-0209	EA	2" x 3" Long, Schedule 40 Galvanized Steel Nipple	25.00	12.81
		For ASTM 120, Deduct	*-0.86*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*6.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0210	EA	2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	39.64	15.94
		For ASTM 120, Deduct	*-2.36*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Schedule 80 Nipples, Add	*17.97*	
22 11 16 00-0211	EA	3" x 3" Long, Schedule 40 Galvanized Steel Nipple	49.57	19.26
		For ASTM 120, Deduct	*-3.10*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Schedule 80 Nipples, Add	*23.59*	
22 11 16 00-0212	EA	3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	15.90	8.51
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*3.53*	
22 11 16 00-0213	EA	1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	14.90	8.51
		For ASTM 120, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.39*	
22 11 16 00-0214	EA	3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	15.41	8.51
		For ASTM 120, Deduct	*-0.39*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.98*	
22 11 16 00-0215	EA	1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.30	9.23
		For ASTM 120, Deduct	*-0.53*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*4.02*	
22 11 16 00-0216	EA	1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.26	9.94
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*4.94*	
22 11 16 00-0217	EA	1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.40	9.94
		For ASTM 120, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*6.24*	
22 11 16 00-0218	EA	2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.23	12.81
		For ASTM 120, Deduct	*-1.05*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*7.95*	
22 11 16 00-0219	EA	2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	42.17	15.94
		For ASTM 120, Deduct	*-2.74*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Schedule 80 Nipples, Add	*20.85*	
22 11 16 00-0220	EA	3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	53.16	19.26
		For ASTM 120, Deduct	*-3.64*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Schedule 80 Nipples, Add	*27.68*	
22 11 16 00-0221	EA	3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple	15.90	8.51
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*3.53*	
22 11 16 00-0222	EA	1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	14.90	8.51
		For ASTM 120, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.39*	
22 11 16 00-0223	EA	3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	15.90	8.51
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*3.53*	
22 11 16 00-0224	EA	1" x 4" Long, Schedule 40 Galvanized Steel Nipple	17.30	9.23
		For ASTM 120, Deduct	*-0.53*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*4.02*	
22 11 16 00-0225	EA	1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	19.26	9.94
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*4.94*	
22 11 16 00-0226	EA	1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	20.40	9.94
		For ASTM 120, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*6.24*	
22 11 16 00-0227	EA	2" x 4" Long, Schedule 40 Galvanized Steel Nipple	26.29	12.81
		For ASTM 120, Deduct	*-1.05*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*8.01*	
22 11 16 00-0228	EA	2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	42.17	15.94
		For ASTM 120, Deduct	*-2.74*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Schedule 80 Nipples, Add	*20.85*	
22 11 16 00-0229	EA	3" x 4" Long, Schedule 40 Galvanized Steel Nipple	53.16	19.26
		For ASTM 120, Deduct	*-3.64*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Schedule 80 Nipples, Add	*27.68*	
22 11 16 00-0230	EA	4" x 4" Long, Schedule 40 Galvanized Steel Nipple	66.30	22.50
		For ASTM 120, Deduct	*-4.89*	
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Nipples, Add	*37.16*	
22 11 16 00-0231	EA	3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.07	8.51
		For ASTM 120, Deduct	*-0.64*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*4.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0232	EA	1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	15.33	8.51
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.88*	
22 11 16 00-0233	EA	3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	15.91	8.51
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*3.55*	
22 11 16 00-0234	EA	1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.10	9.23
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*4.94*	
22 11 16 00-0235	EA	1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.28	9.94
		For ASTM 120, Deduct	*-0.80*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*6.10*	
22 11 16 00-0236	EA	1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.54	9.94
		For ASTM 120, Deduct	*-0.99*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*7.54*	
22 11 16 00-0237	EA	2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	28.15	12.81
		For ASTM 120, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*10.13*	
22 11 16 00-0238	EA	2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	44.28	15.94
		For ASTM 120, Deduct	*-3.06*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Schedule 80 Nipples, Add	*23.26*	
22 11 16 00-0239	EA	3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	57.18	19.26
		For ASTM 120, Deduct	*-4.25*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Schedule 80 Nipples, Add	*32.26*	
22 11 16 00-0240	EA	4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	70.26	22.50
		For ASTM 120, Deduct	*-5.48*	
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Nipples, Add	*41.68*	
22 11 16 00-0241	EA	3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple	17.07	8.51
		For ASTM 120, Deduct	*-0.64*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*4.87*	
22 11 16 00-0242	EA	1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	15.33	8.51
		For ASTM 120, Deduct	*-0.38*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*2.88*	
22 11 16 00-0243	EA	3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	15.91	8.51
		For ASTM 120, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*3.55*	
22 11 16 00-0244	EA	1" x 5" Long, Schedule 40 Galvanized Steel Nipple	18.10	9.23
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*4.94*	
22 11 16 00-0245	EA	1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	20.28	9.94
		For ASTM 120, Deduct	*-0.80*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*6.10*	
22 11 16 00-0246	EA	1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	21.54	9.94
		For ASTM 120, Deduct	*-0.99*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*7.54*	
22 11 16 00-0247	EA	2" x 5" Long, Schedule 40 Galvanized Steel Nipple	28.15	12.81
		For ASTM 120, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*10.13*	
22 11 16 00-0248	EA	2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	44.28	15.94
		For ASTM 120, Deduct	*-3.06*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Schedule 80 Nipples, Add	*23.26*	
22 11 16 00-0249	EA	3" x 5" Long, Schedule 40 Galvanized Steel Nipple	57.18	19.26
		For ASTM 120, Deduct	*-4.25*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Schedule 80 Nipples, Add	*32.26*	
22 11 16 00-0250	EA	4" x 5" Long, Schedule 40 Galvanized Steel Nipple	70.26	22.50
		For ASTM 120, Deduct	*-5.48*	
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Nipples, Add	*41.68*	
22 11 16 00-0251	EA	3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple	17.54	8.51
		For ASTM 120, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*5.40*	
22 11 16 00-0252	EA	1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	15.68	8.51
		For ASTM 120, Deduct	*-0.43*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*3.28*	
22 11 16 00-0253	EA	3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	16.54	8.51
		For ASTM 120, Deduct	*-0.56*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*4.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0254	EA	1" x 6" Long, Schedule 40 Galvanized Steel Nipple	18.68	9.23
		For ASTM 120, Deduct	*-0.74*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*5.60*	
22 11 16 00-0255	EA	1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	21.14	9.94
		For ASTM 120, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*7.08*	
22 11 16 00-0256	EA	1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	22.37	9.94
		For ASTM 120, Deduct	*-1.12*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*8.48*	
22 11 16 00-0257	EA	2" x 6" Long, Schedule 40 Galvanized Steel Nipple	29.59	12.81
		For ASTM 120, Deduct	*-1.55*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*11.78*	
22 11 16 00-0258	EA	2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	46.29	15.94
		For ASTM 120, Deduct	*-3.36*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Schedule 80 Nipples, Add	*25.55*	
22 11 16 00-0259	EA	3" x 6" Long, Schedule 40 Galvanized Steel Nipple	58.81	19.26
		For ASTM 120, Deduct	*-4.49*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Schedule 80 Nipples, Add	*34.12*	
22 11 16 00-0260	EA	4" x 6" Long, Schedule 40 Galvanized Steel Nipple	74.11	22.50
		For ASTM 120, Deduct	*-6.06*	
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Nipples, Add	*46.07*	
22 11 16 00-0261	EA	3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple	31.76	8.51
		For ASTM 120, Deduct	*-2.84*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*21.61*	
22 11 16 00-0262	EA	1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	17.87	8.51
		For ASTM 120, Deduct	*-0.76*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*5.78*	
22 11 16 00-0263	EA	3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	19.28	8.51
		For ASTM 120, Deduct	*-0.97*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*7.39*	
22 11 16 00-0264	EA	1" x 8" Long, Schedule 40 Galvanized Steel Nipple	21.98	9.23
		For ASTM 120, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*9.36*	
22 11 16 00-0265	EA	1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	25.00	9.94
		For ASTM 120, Deduct	*-1.51*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*11.48*	
22 11 16 00-0266	EA	1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	26.48	9.94
		For ASTM 120, Deduct	*-1.73*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*13.17*	
22 11 16 00-0267	EA	2" x 8" Long, Schedule 40 Galvanized Steel Nipple	36.10	12.81
		For ASTM 120, Deduct	*-2.53*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*19.20*	
22 11 16 00-0268	EA	2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	52.73	15.94
		For ASTM 120, Deduct	*-4.33*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Schedule 80 Nipples, Add	*32.89*	
22 11 16 00-0269	EA	3" x 8" Long, Schedule 40 Galvanized Steel Nipple	69.20	19.26
		For ASTM 120, Deduct	*-6.05*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Schedule 80 Nipples, Add	*45.96*	
22 11 16 00-0270	EA	4" x 8" Long, Schedule 40 Galvanized Steel Nipple	81.92	22.50
		For ASTM 120, Deduct	*-7.23*	
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Nipples, Add	*54.97*	
22 11 16 00-0271	EA	3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple	21.84	8.51
		For ASTM 120, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*10.31*	
22 11 16 00-0272	EA	1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	18.82	8.51
		For ASTM 120, Deduct	*-0.90*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*6.86*	
22 11 16 00-0273	EA	3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	19.99	8.51
		For ASTM 120, Deduct	*-1.08*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*8.20*	
22 11 16 00-0274	EA	1" x 10" Long, Schedule 40 Galvanized Steel Nipple	23.15	9.23
		For ASTM 120, Deduct	*-1.41*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*10.69*	
22 11 16 00-0275	EA	1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	26.97	9.94
		For ASTM 120, Deduct	*-1.81*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*13.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0276	EA	1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	28.39	9.94
		For ASTM 120, Deduct	*-2.02*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*15.34*	
22 11 16 00-0277	EA	2" x 10" Long, Schedule 40 Galvanized Steel Nipple	38.96	12.81
		For ASTM 120, Deduct	*-2.96*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*22.46*	
22 11 16 00-0278	EA	2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	56.76	15.94
		For ASTM 120, Deduct	*-4.93*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Schedule 80 Nipples, Add	*37.48*	
22 11 16 00-0279	EA	3" x 10" Long, Schedule 40 Galvanized Steel Nipple	74.88	19.26
		For ASTM 120, Deduct	*-6.90*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Schedule 80 Nipples, Add	*52.44*	
22 11 16 00-0280	EA	4" x 10" Long, Schedule 40 Galvanized Steel Nipple	89.58	22.50
		For ASTM 120, Deduct	*-8.38*	
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Nipples, Add	*63.70*	
22 11 16 00-0281	EA	3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple	22.82	8.51
		For ASTM 120, Deduct	*-1.50*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*11.42*	
22 11 16 00-0282	EA	1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	19.65	8.51
		For ASTM 120, Deduct	*-1.03*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*7.81*	
22 11 16 00-0283	EA	3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	20.86	8.51
		For ASTM 120, Deduct	*-1.21*	
		For Work In Restricted Working Space, Add	*3.84*	
		For Schedule 80 Nipples, Add	*9.19*	
22 11 16 00-0284	EA	1" x 12" Long, Schedule 40 Galvanized Steel Nipple	24.69	9.23
		For ASTM 120, Deduct	*-1.64*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Schedule 80 Nipples, Add	*12.45*	
22 11 16 00-0285	EA	1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	29.38	9.94
		For ASTM 120, Deduct	*-2.17*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*16.47*	
22 11 16 00-0286	EA	1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	30.33	9.94
		For ASTM 120, Deduct	*-2.31*	
		For Work In Restricted Working Space, Add	*4.48*	
		For Schedule 80 Nipples, Add	*17.56*	
22 11 16 00-0287	EA	2" x 12" Long, Schedule 40 Galvanized Steel Nipple	41.87	12.81
		For ASTM 120, Deduct	*-3.39*	
		For Work In Restricted Working Space, Add	*5.78*	
		For Schedule 80 Nipples, Add	*25.78*	
22 11 16 00-0288	EA	2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	60.67	15.94
		For ASTM 120, Deduct	*-5.52*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Schedule 80 Nipples, Add	*41.94*	
22 11 16 00-0289	EA	3" x 12" Long, Schedule 40 Galvanized Steel Nipple	80.60	19.26
		For ASTM 120, Deduct	*-7.76*	
		For Work In Restricted Working Space, Add	*8.66*	
		For Schedule 80 Nipples, Add	*58.96*	
22 11 16 00-0290	EA	4" x 12" Long, Schedule 40 Galvanized Steel Nipple	97.32	22.50
		For ASTM 120, Deduct	*-9.54*	
		For Work In Restricted Working Space, Add	*10.11*	
		For Schedule 80 Nipples, Add	*72.53*	

22 11 16 00-0291 Galvanized Malleable Iron Square Head Plugs *(22 11 16 00-0013)*

22 11 16 00-0292	EA	1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	14.74	6.36
		For Work In Restricted Working Space, Add	*2.87*	
		For 300 LB Rating, Add	*18.19*	
22 11 16 00-0293	EA	3/4", 150 LB, Galvanized Malleable Iron Square Head Plug	15.87	7.16
		For Work In Restricted Working Space, Add	*3.21*	
		For 300 LB Rating, Add	*18.25*	
22 11 16 00-0294	EA	1", 150 LB, Galvanized Malleable Iron Square Head Plug	17.62	7.97
		For Work In Restricted Working Space, Add	*3.58*	
		For 300 LB Rating, Add	*20.03*	
22 11 16 00-0295	EA	1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug	22.24	9.04
		For Work In Restricted Working Space, Add	*4.05*	
		For 300 LB Rating, Add	*30.49*	
22 11 16 00-0296	EA	1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	27.00	10.12
		For Work In Restricted Working Space, Add	*4.57*	
		For 300 LB Rating, Add	*40.90*	
22 11 16 00-0297	EA	2", 150 LB, Galvanized Malleable Iron Square Head Plug	34.32	12.90
		For Work In Restricted Working Space, Add	*5.81*	
		For 300 LB Rating, Add	*52.03*	
22 11 16 00-0298	EA	2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	57.83	19.08
		For Work In Restricted Working Space, Add	*8.60*	
		For 300 LB Rating, Add	*100.93*	
22 11 16 00-0299	EA	3", 150 LB, Galvanized Malleable Iron Square Head Plug	79.10	25.16
		For Work In Restricted Working Space, Add	*11.31*	
		For 300 LB Rating, Add	*142.99*	
22 11 16 00-0300	EA	4", 150 LB, Galvanized Malleable Iron Square Head Plug	125.26	26.20
		For Work In Restricted Working Space, Add	*11.80*	
		For 300 LB Rating, Add	*294.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0301	EA	5", 150 LB, Galvanized Malleable Iron Square Head Plug	198.70	27.38
		For Work In Restricted Working Space, Add	*12.31*	
		For 300 LB Rating, Add	*538.57*	
22 11 16 00-0302	EA	6", 150 LB, Galvanized Malleable Iron Square Head Plug	213.35	28.56
		For Work In Restricted Working Space, Add	*12.87*	
		For 300 LB Rating, Add	*582.14*	

22 11 16 00-0303 Galvanized Malleable Iron Bushing *(22 11 16 00-0013)*

22 11 16 00-0304	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	36.20	16.83
		For Work In Restricted Working Space, Add	*7.59*	
22 11 16 00-0305	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	39.90	17.91
		For Work In Restricted Working Space, Add	*8.06*	
22 11 16 00-0306	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	40.65	18.89
		For Work In Restricted Working Space, Add	*8.49*	
22 11 16 00-0307	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	47.09	19.26
		For Work In Restricted Working Space, Add	*8.65*	
22 11 16 00-0308	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	46.87	20.15
		For Work In Restricted Working Space, Add	*9.08*	
22 11 16 00-0309	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing	48.43	21.23
		For Work In Restricted Working Space, Add	*9.55*	
22 11 16 00-0310	EA	1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	55.13	20.68
		For Work In Restricted Working Space, Add	*9.30*	
22 11 16 00-0311	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	56.55	21.58
		For Work In Restricted Working Space, Add	*9.73*	
22 11 16 00-0312	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	55.73	22.66
		For Work In Restricted Working Space, Add	*10.19*	
22 11 16 00-0313	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	56.03	23.99
		For Work In Restricted Working Space, Add	*10.79*	
22 11 16 00-0314	EA	2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	66.28	24.09
		For Work In Restricted Working Space, Add	*10.84*	
22 11 16 00-0315	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	65.62	25.07
		For Work In Restricted Working Space, Add	*11.27*	
22 11 16 00-0316	EA	2" x 1", 150 LB, Galvanized Malleable Iron Bushing	65.65	26.06
		For Work In Restricted Working Space, Add	*11.74*	
22 11 16 00-0317	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	67.62	27.41
		For Work In Restricted Working Space, Add	*12.33*	
22 11 16 00-0318	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	66.51	28.83
		For Work In Restricted Working Space, Add	*12.98*	
22 11 16 00-0319	EA	2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	92.80	32.78
		For Work In Restricted Working Space, Add	*14.76*	
22 11 16 00-0320	EA	2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	94.36	33.85
		For Work In Restricted Working Space, Add	*15.23*	
22 11 16 00-0321	EA	2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	96.33	35.10
		For Work In Restricted Working Space, Add	*15.82*	
22 11 16 00-0322	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	97.69	36.63
		For Work In Restricted Working Space, Add	*16.46*	
22 11 16 00-0323	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing	97.95	40.03
		For Work In Restricted Working Space, Add	*18.01*	
22 11 16 00-0324	EA	3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	118.08	40.30
		For Work In Restricted Working Space, Add	*18.15*	
22 11 16 00-0325	EA	3" x 1", 150 LB, Galvanized Malleable Iron Bushing	119.62	41.37
		For Work In Restricted Working Space, Add	*18.62*	
22 11 16 00-0326	EA	3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	121.60	42.72
		For Work In Restricted Working Space, Add	*19.21*	
22 11 16 00-0327	EA	3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	122.63	44.15
		For Work In Restricted Working Space, Add	*19.86*	
22 11 16 00-0328	EA	3" x 2", 150 LB, Galvanized Malleable Iron Bushing	122.52	47.55
		For Work In Restricted Working Space, Add	*21.40*	
22 11 16 00-0329	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	137.10	55.34
		For Work In Restricted Working Space, Add	*24.89*	
22 11 16 00-0330	EA	4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	182.39	41.11
		For Work In Restricted Working Space, Add	*18.52*	
22 11 16 00-0331	EA	4" x 1", 150 LB, Galvanized Malleable Iron Bushing	183.86	42.12
		For Work In Restricted Working Space, Add	*18.96*	
22 11 16 00-0332	EA	4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	185.71	43.39
		For Work In Restricted Working Space, Add	*19.51*	
22 11 16 00-0333	EA	4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	187.74	44.74
		For Work In Restricted Working Space, Add	*20.12*	
22 11 16 00-0334	EA	4" x 2", 150 LB, Galvanized Malleable Iron Bushing	178.38	47.94
		For Work In Restricted Working Space, Add	*21.58*	
22 11 16 00-0335	EA	4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	203.51	55.26
		For Work In Restricted Working Space, Add	*24.85*	
22 11 16 00-0336	EA	4" x 3", 150 LB, Galvanized Malleable Iron Bushing	206.18	62.34
		For Work In Restricted Working Space, Add	*28.05*	

22 11 16 00-0337 Galvanized Malleable Iron Floor Flange *(22 11 16 00-0013)*

22 11 16 00-0338	EA	1/2", 150 LB, Galvanized Malleable Iron Floor Flange	54.71	32.72
22 11 16 00-0339	EA	3/4", 150 LB, Galvanized Malleable Iron Floor Flange	59.81	35.82
22 11 16 00-0340	EA	1", 150 LB, Galvanized Malleable Iron Floor Flange	68.61	40.47
22 11 16 00-0341	EA	1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange	71.29	41.91
22 11 16 00-0342	EA	1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange	77.58	45.59
22 11 16 00-0343	EA	2", 150 LB, Galvanized Malleable Iron Floor Flange	83.37	47.55

22 11 16 00-0344 Galvanized Cast Iron Flanges *(22 11 16 00-0013)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0345	EA	3/4", 125 LB, Galvanized Cast Iron Flange	101.18	35.82
		For Work In Restricted Working Space, Add	*16.12*	
22 11 16 00-0346	EA	1", 125 LB, Galvanized Cast Iron Flange	97.45	40.47
		For Work In Restricted Working Space, Add	*18.21*	
22 11 16 00-0347	EA	1-1/4", 125 LB, Galvanized Cast Iron Flange	82.26	41.91
		For Work In Restricted Working Space, Add	*18.85*	
22 11 16 00-0348	EA	1-1/2", 125 LB, Galvanized Cast Iron Flange	111.51	45.59
		For Work In Restricted Working Space, Add	*20.51*	
22 11 16 00-0349	EA	2", 125 LB, Galvanized Cast Iron Flange	109.28	47.55
		For Work In Restricted Working Space, Add	*21.40*	
22 11 16 00-0350	EA	2-1/2", 125 LB, Galvanized Cast Iron Flange	126.91	55.07
		For Work In Restricted Working Space, Add	*24.76*	
22 11 16 00-0351	EA	3", 125 LB, Galvanized Cast Iron Flange	224.58	69.85
		For Work In Restricted Working Space, Add	*31.41*	
22 11 16 00-0352	EA	4", 125 LB, Galvanized Cast Iron Flange	298.03	89.89
		For Work In Restricted Working Space, Add	*40.43*	
22 11 16 00-0353	EA	5", 125 LB, Galvanized Cast Iron Flange	416.75	106.99
		For Work In Restricted Working Space, Add	*48.13*	
22 11 16 00-0354	EA	6", 125 LB, Galvanized Cast Iron Flange	458.26	122.92
		For Work In Restricted Working Space, Add	*55.29*	
22 11 16 00-0355	EA	8", 125 LB, Galvanized Cast Iron Flange	424.81	140.48
		For Work In Restricted Working Space, Add	*63.18*	

22 11 16 00-0356 Cut And Thread Existing In-Place Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: For use when connecting pipe to an existing in-place system.

22 11 16 00-0357	EA	1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	29.18	
		For Work In Restricted Working Space, Add	*8.75*	
22 11 16 00-0358	EA	3/4", Cut And Thread Existing In Place Galvanized Steel Pipe	32.10	
		For Work In Restricted Working Space, Add	*9.63*	
22 11 16 00-0359	EA	1", Cut And Thread Existing In Place Galvanized Steel Pipe	35.03	
		For Work In Restricted Working Space, Add	*10.51*	
22 11 16 00-0360	EA	1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe	37.94	
		For Work In Restricted Working Space, Add	*11.38*	
22 11 16 00-0361	EA	1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	39.88	
		For Work In Restricted Working Space, Add	*11.96*	
22 11 16 00-0362	EA	2", Cut And Thread Existing In Place Galvanized Steel Pipe	41.84	
		For Work In Restricted Working Space, Add	*12.55*	
22 11 16 00-0363	EA	2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	43.79	
		For Work In Restricted Working Space, Add	*13.14*	
22 11 16 00-0364	EA	3", Cut And Thread Existing In Place Galvanized Steel Pipe	45.73	
		For Work In Restricted Working Space, Add	*13.72*	
22 11 16 00-0365	EA	4", Cut And Thread Existing In Place Galvanized Steel Pipe	47.67	
		For Work In Restricted Working Space, Add	*14.30*	
22 11 16 00-0366	EA	6", Cut And Thread Existing In Place Galvanized Steel Pipe	51.56	
		For Work In Restricted Working Space, Add	*15.47*	
22 11 16 00-0367	EA	8", Cut And Thread Existing In Place Galvanized Steel Pipe	55.45	
		For Work In Restricted Working Space, Add	*16.64*	

22 11 16 00-0368 Copper Pipe And Fittings *(22 11 16)*

Note: Excludes hangers. See CSI section 22 11 16 00-0899 for pipe with fittings assembly.

22 11 16 00-0369 Copper Tube/Pipe *(22 11 16 00-0368)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

22 11 16 00-0370 Hard Drawn Type L Copper Tube/Pipe *(22 11 16 00-0369)*

22 11 16 00-0371	LF	1/4" Hard Drawn Type L Copper Tube/Pipe	4.03	2.19
		For <20, Add	*0.08*	
		For >150, Deduct	*-0.15*	
		For Work In Restricted Working Space, Add	*0.98*	
		For Medical/Oxygen Service Tubing, Add	*0.06*	
22 11 16 00-0372	LF	3/8" Hard Drawn Type L Copper Tube/Pipe	4.51	2.27
		For <20, Add	*0.11*	
		For >150, Deduct	*-0.22*	
		For Work In Restricted Working Space, Add	*1.03*	
		For Medical/Oxygen Service Tubing, Add	*0.09*	
22 11 16 00-0373	LF	1/2" Hard Drawn Type L Copper Tube/Pipe	4.86	2.37
		For <20, Add	*0.13*	
		For >150, Deduct	*-0.26*	
		For Work In Restricted Working Space, Add	*1.07*	
		For Medical/Oxygen Service Tubing, Add	*0.10*	
22 11 16 00-0374	LF	3/4" Hard Drawn Type L Copper Tube/Pipe	5.89	2.52
		For <20, Add	*0.21*	
		For >150, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*1.13*	
		For Medical/Oxygen Service Tubing, Add	*0.17*	
22 11 16 00-0375	LF	1" Hard Drawn Type L Copper Tube/Pipe	7.30	2.84
		For <20, Add	*0.31*	
		For >150, Deduct	*-0.61*	
		For Work In Restricted Working Space, Add	*1.27*	
		For Medical/Oxygen Service Tubing, Add	*0.24*	
22 11 16 00-0376	LF	1-1/4" Hard Drawn Type L Copper Tube/Pipe	10.52	4.21
		For <20, Add	*0.42*	
		For >150, Deduct	*-0.84*	
		For Work In Restricted Working Space, Add	*1.89*	
		For Medical/Oxygen Service Tubing, Add	*0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0377	LF	1-1/2" Hard Drawn Type L Copper Tube/Pipe	12.46	4.70
		For <20, Add	*0.54*	
		For >150, Deduct	*-1.08*	
		For Work In Restricted Working Space, Add	*2.11*	
		For Medical/Oxygen Service Tubing, Add	*0.43*	
22 11 16 00-0378	LF	2" Hard Drawn Type L Copper Tube/Pipe	17.26	5.80
		For <20, Add	*0.86*	
		For >150, Deduct	*-1.71*	
		For Work In Restricted Working Space, Add	*2.61*	
		For Medical/Oxygen Service Tubing, Add	*0.69*	
22 11 16 00-0379	LF	2-1/2" Hard Drawn Type L Copper Tube/Pipe	32.85	6.81
		For <20, Add	*1.24*	
		For >150, Deduct	*-2.48*	
		For Work In Restricted Working Space, Add	*6.14*	
		For Medical/Oxygen Service Tubing, Add	*0.99*	
22 11 16 00-0380	LF	3" Hard Drawn Type L Copper Tube/Pipe	40.59	8.03
		For <20, Add	*1.65*	
		For >150, Deduct	*-3.30*	
		For Work In Restricted Working Space, Add	*7.22*	
		For Medical/Oxygen Service Tubing, Add	*1.32*	
22 11 16 00-0381	LF	4" Hard Drawn Type L Copper Tube/Pipe	56.60	9.06
		For <20, Add	*2.94*	
		For >150, Deduct	*-5.89*	
		For Work In Restricted Working Space, Add	*8.15*	
		For Medical/Oxygen Service Tubing, Add	*2.35*	
22 11 16 00-0382	LF	5" Hard Drawn Type L Copper Tube/Pipe	83.19	10.40
		For <20, Add	*5.20*	
		For >150, Deduct	*-10.40*	
		For Work In Restricted Working Space, Add	*9.36*	
		For Medical/Oxygen Service Tubing, Add	*4.16*	
22 11 16 00-0383	LF	6" Hard Drawn Type L Copper Tube/Pipe	116.75	16.13
		For <20, Add	*6.84*	
		For >150, Deduct	*-13.68*	
		For Work In Restricted Working Space, Add	*14.51*	
		For Medical/Oxygen Service Tubing, Add	*5.47*	
22 11 16 00-0384	LF	8" Hard Drawn Type L Copper Tube/Pipe	182.63	17.93
		For <20, Add	*12.89*	
		For >150, Deduct	*-25.78*	
		For Work In Restricted Working Space, Add	*16.13*	
		For Medical/Oxygen Service Tubing, Add	*10.31*	

22 11 16 00-0385 Hard Drawn Type K Copper Tube/Pipe *(22 11 16 00-0369)*

22 11 16 00-0386	LF	1/4" Hard Drawn Type K Copper Tube/Pipe	4.37	2.35
		For <20, Add	*0.08*	
		For >150, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*1.06*	
		For Medical/Oxygen Service Tubing, Add	*0.07*	
22 11 16 00-0387	LF	3/8" Hard Drawn Type K Copper Tube/Pipe	5.53	2.45
		For <20, Add	*0.15*	
		For >150, Deduct	*-0.30*	
		For Work In Restricted Working Space, Add	*1.21*	
		For Medical/Oxygen Service Tubing, Add	*0.12*	
22 11 16 00-0388	LF	1/2" Hard Drawn Type K Copper Tube/Pipe	5.70	2.54
		For <20, Add	*0.18*	
		For >150, Deduct	*-0.35*	
		For Work In Restricted Working Space, Add	*1.18*	
		For Medical/Oxygen Service Tubing, Add	*0.14*	
22 11 16 00-0389	LF	3/4" Hard Drawn Type K Copper Tube/Pipe	7.74	2.71
		For <20, Add	*0.32*	
		For >150, Deduct	*-0.64*	
		For Work In Restricted Working Space, Add	*1.37*	
		For Medical/Oxygen Service Tubing, Add	*0.25*	
22 11 16 00-0390	LF	1" Hard Drawn Type K Copper Tube/Pipe	9.08	3.05
		For <20, Add	*0.42*	
		For >150, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*1.46*	
		For Medical/Oxygen Service Tubing, Add	*0.34*	
22 11 16 00-0391	LF	1-1/4" Hard Drawn Type K Copper Tube/Pipe	12.14	4.53
		For <20, Add	*0.53*	
		For >150, Deduct	*-1.05*	
		For Work In Restricted Working Space, Add	*2.06*	
		For Medical/Oxygen Service Tubing, Add	*0.42*	
22 11 16 00-0392	LF	1-1/2" Hard Drawn Type K Copper Tube/Pipe	14.47	5.05
		For <20, Add	*0.68*	
		For >150, Deduct	*-1.35*	
		For Work In Restricted Working Space, Add	*2.32*	
		For Medical/Oxygen Service Tubing, Add	*0.54*	
22 11 16 00-0393	LF	2" Hard Drawn Type K Copper Tube/Pipe	19.83	6.24
		For <20, Add	*1.04*	
		For >150, Deduct	*-2.08*	
		For Work In Restricted Working Space, Add	*2.84*	
		For Medical/Oxygen Service Tubing, Add	*0.83*	
22 11 16 00-0394	LF	2-1/2" Hard Drawn Type K Copper Tube/Pipe	36.02	7.32
		For <20, Add	*1.55*	
		For >150, Deduct	*-3.09*	
		For Work In Restricted Working Space, Add	*6.17*	
		For Medical/Oxygen Service Tubing, Add	*1.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0395	LF	3" Hard Drawn Type K Copper Tube/Pipe	47.63	8.63
		For <20, Add	*2.11*	
		For >150, Deduct	*-4.23*	
		For Work In Restricted Working Space, Add	*7.95*	
		For Medical/Oxygen Service Tubing, Add	*1.69*	
22 11 16 00-0396	LF	4" Hard Drawn Type K Copper Tube/Pipe	67.69	9.74
		For <20, Add	*3.77*	
		For >150, Deduct	*-7.53*	
		For Work In Restricted Working Space, Add	*9.01*	
		For Medical/Oxygen Service Tubing, Add	*3.01*	
22 11 16 00-0397	LF	5" Hard Drawn Type K Copper Tube/Pipe	104.46	11.19
		For <20, Add	*6.90*	
		For >150, Deduct	*-13.81*	
		For Work In Restricted Working Space, Add	*10.63*	
		For Medical/Oxygen Service Tubing, Add	*5.52*	
22 11 16 00-0398	LF	6" Hard Drawn Type K Copper Tube/Pipe	156.16	17.33
		For <20, Add	*9.90*	
		For >150, Deduct	*-19.81*	
		For Work In Restricted Working Space, Add	*17.14*	
		For Medical/Oxygen Service Tubing, Add	*7.92*	
22 11 16 00-0399	LF	8" Hard Drawn Type K Copper Tube/Pipe	248.41	19.28
		For <20, Add	*18.55*	
		For >150, Deduct	*-37.09*	
		For Work In Restricted Working Space, Add	*18.89*	
		For Medical/Oxygen Service Tubing, Add	*14.84*	

22 11 16 00-0400 Hard Drawn Type M Copper Tube/Pipe *(22 11 16 00-0369)*

22 11 16 00-0401	LF	3/8" Hard Drawn Type M Copper Tube/Pipe	3.82	2.05
		For <20, Add	*0.09*	
		For >150, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*0.89*	
22 11 16 00-0402	LF	1/2" Hard Drawn Type M Copper Tube/Pipe	4.02	2.14
		For <20, Add	*0.10*	
		For >150, Deduct	*-0.19*	
		For Work In Restricted Working Space, Add	*0.92*	
22 11 16 00-0403	LF	3/4" Hard Drawn Type M Copper Tube/Pipe	4.80	2.26
		For <20, Add	*0.16*	
		For >150, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*0.98*	
22 11 16 00-0404	LF	1" Hard Drawn Type M Copper Tube/Pipe	6.01	2.54
		For <20, Add	*0.24*	
		For >150, Deduct	*-0.48*	
		For Work In Restricted Working Space, Add	*1.09*	
22 11 16 00-0405	LF	1-1/4" Hard Drawn Type M Copper Tube/Pipe	9.06	3.79
		For <20, Add	*0.35*	
		For >150, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*1.68*	
22 11 16 00-0406	LF	1-1/2" Hard Drawn Type M Copper Tube/Pipe	11.22	4.23
		For <20, Add	*0.48*	
		For >150, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*1.93*	
22 11 16 00-0407	LF	2" Hard Drawn Type M Copper Tube/Pipe	15.50	5.22
		For <20, Add	*0.75*	
		For >150, Deduct	*-1.51*	
		For Work In Restricted Working Space, Add	*2.39*	
22 11 16 00-0408	LF	2-1/2" Hard Drawn Type M Copper Tube/Pipe	30.29	6.14
		For <20, Add	*1.09*	
		For >150, Deduct	*-2.19*	
		For Work In Restricted Working Space, Add	*5.81*	
22 11 16 00-0409	LF	3" Hard Drawn Type M Copper Tube/Pipe	36.27	7.22
		For <20, Add	*1.46*	
		For >150, Deduct	*-2.91*	
		For Work In Restricted Working Space, Add	*6.52*	
22 11 16 00-0410	LF	4" Hard Drawn Type M Copper Tube/Pipe	52.59	8.16
		For <20, Add	*2.72*	
		For >150, Deduct	*-5.45*	
		For Work In Restricted Working Space, Add	*7.61*	
22 11 16 00-0411	LF	5" Hard Drawn Type M Copper Tube/Pipe	82.16	9.37
		For <20, Add	*5.29*	
		For >150, Deduct	*-10.58*	
		For Work In Restricted Working Space, Add	*8.78*	
22 11 16 00-0412	LF	6" Hard Drawn Type M Copper Tube/Pipe	115.98	14.52
		For <20, Add	*7.07*	
		For >150, Deduct	*-14.13*	
		For Work In Restricted Working Space, Add	*13.60*	
22 11 16 00-0413	LF	8" Hard Drawn Type M Copper Tube/Pipe	183.76	16.14
		For <20, Add	*13.39*	
		For >150, Deduct	*-26.78*	
		For Work In Restricted Working Space, Add	*14.96*	

22 11 16 00-0414 Soft Drawn Type L Copper Tube *(22 11 16 00-0369)*

22 11 16 00-0415	LF	1/4" Soft Drawn Type L Copper Tube	4.24	2.19
		For <20, Add	*0.10*	
		For >150, Deduct	*-0.19*	
		For Work In Restricted Working Space, Add	*0.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0416	LF	3/8" Soft Drawn Type L Copper Tube	4.91	2.27
		For <20, Add	*0.15*	
		For >150, Deduct	*-0.30*	
		For Work In Restricted Working Space, Add	*1.03*	
22 11 16 00-0417	LF	1/2" Soft Drawn Type L Copper Tube	5.56	2.37
		For <20, Add	*0.20*	
		For >150, Deduct	*-0.40*	
		For Work In Restricted Working Space, Add	*1.07*	
22 11 16 00-0418	LF	5/8" Soft Drawn Type L Copper Tube	6.24	2.45
		For <20, Add	*0.26*	
		For >150, Deduct	*-0.51*	
		For Work In Restricted Working Space, Add	*1.10*	
22 11 16 00-0419	LF	3/4" Soft Drawn Type L Copper Tube	6.85	2.52
		For <20, Add	*0.31*	
		For >150, Deduct	*-0.61*	
		For Work In Restricted Working Space, Add	*1.13*	
22 11 16 00-0420	LF	1" Soft Drawn Type L Copper Tube	8.49	2.84
		For <20, Add	*0.43*	
		For >150, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*1.27*	
22 11 16 00-0421	LF	1-1/4" Soft Drawn Type L Copper Tube	11.90	4.21
		For <20, Add	*0.56*	
		For >150, Deduct	*-1.12*	
		For Work In Restricted Working Space, Add	*1.89*	
22 11 16 00-0422	LF	1-1/2" Soft Drawn Type L Copper Tube	14.62	4.70
		For <20, Add	*0.76*	
		For >150, Deduct	*-1.52*	
		For Work In Restricted Working Space, Add	*2.11*	
22 11 16 00-0423	LF	2" Soft Drawn Type L Copper Tube	20.74	5.80
		For <20, Add	*1.21*	
		For >150, Deduct	*-2.41*	
		For Work In Restricted Working Space, Add	*2.61*	

22 11 16 00-0424 Soft Drawn Type K Copper Tube *(22 11 16 00-0369)*

22 11 16 00-0425	LF	1/4" Soft Drawn Type K Copper Tube	4.34	2.19
		For <20, Add	*0.11*	
		For >150, Deduct	*-0.21*	
		For Work In Restricted Working Space, Add	*0.98*	
22 11 16 00-0426	LF	3/8" Soft Drawn Type K Copper Tube	5.22	2.27
		For <20, Add	*0.18*	
		For >150, Deduct	*-0.36*	
		For Work In Restricted Working Space, Add	*1.03*	
22 11 16 00-0427	LF	1/2" Soft Drawn Type K Copper Tube	5.82	2.37
		For <20, Add	*0.23*	
		For >150, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*1.07*	
22 11 16 00-0428	LF	5/8" Soft Drawn Type K Copper Tube	6.37	2.45
		For <20, Add	*0.27*	
		For >150, Deduct	*-0.54*	
		For Work In Restricted Working Space, Add	*1.10*	
22 11 16 00-0429	LF	3/4" Soft Drawn Type K Copper Tube	7.96	2.52
		For <20, Add	*0.42*	
		For >150, Deduct	*-0.84*	
		For Work In Restricted Working Space, Add	*1.13*	
22 11 16 00-0430	LF	1" Soft Drawn Type K Copper Tube	9.79	2.84
		For <20, Add	*0.56*	
		For >150, Deduct	*-1.11*	
		For Work In Restricted Working Space, Add	*1.27*	
22 11 16 00-0431	LF	1-1/4" Soft Drawn Type K Copper Tube	12.86	4.21
		For <20, Add	*0.66*	
		For >150, Deduct	*-1.31*	
		For Work In Restricted Working Space, Add	*1.89*	
22 11 16 00-0432	LF	1-1/2" Soft Drawn Type K Copper Tube	16.14	4.70
		For <20, Add	*0.91*	
		For >150, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*2.11*	
22 11 16 00-0433	LF	2" Soft Drawn Type K Copper Tube	22.83	5.80
		For <20, Add	*1.41*	
		For >150, Deduct	*-2.83*	
		For Work In Restricted Working Space, Add	*2.61*	
22 11 16 00-0434	LF	2-1/2" Soft Drawn Type K Copper Tube	31.64	6.96
		For <20, Add	*2.12*	
		For >150, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*3.13*	
22 11 16 00-0435	LF	3" Soft Drawn Type K Copper Tube	41.80	8.21
		For <20, Add	*2.95*	
		For >150, Deduct	*-5.90*	
		For Work In Restricted Working Space, Add	*3.69*	

22 11 16 00-0436 Copper And Brass Fittings *(22 11 16 00-0368)*

Note: All fittings are based on 95/5 solder.

22 11 16 00-0437 90 Degree Copper Elbows *(22 11 16 00-0436)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0438	EA	1/4" 90 Degree Copper Elbow	22.27	12.98
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.09*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.92*	
		For Street Fitting, Add	*1.12*	
		For Work In Restricted Working Space, Add	*5.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.06*	
22 11 16 00-0439	EA	3/8" 90 Degree Copper Elbow	26.32	15.57
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.50*	
		For Street Fitting, Add	*1.19*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.65*	
22 11 16 00-0440	EA	1/2" 90 Degree Copper Elbow	33.06	21.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.26*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.82*	
		For Street Fitting, Add	*0.38*	
		For Work In Restricted Working Space, Add	*9.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.86*	
22 11 16 00-0441	EA	3/4" 90 Degree Copper Elbow	42.05	26.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Street Fitting, Add	*0.87*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.09*	
22 11 16 00-0442	EA	1" 90 Degree Copper Elbow	52.97	31.81
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.15*	
		For Street Fitting, Add	*2.12*	
		For Work In Restricted Working Space, Add	*14.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.42*	
22 11 16 00-0443	EA	1-1/4" 90 Degree Copper Elbow	59.49	34.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.73*	
		For Street Fitting, Add	*3.17*	
		For Work In Restricted Working Space, Add	*15.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.13*	
22 11 16 00-0444	EA	1-1/2" 90 Degree Copper Elbow	68.83	37.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.26*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Street Fitting, Add	*4.96*	
		For Work In Restricted Working Space, Add	*16.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.08*	
22 11 16 00-0445	EA	2" 90 Degree Copper Elbow	85.84	42.23
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.49*	
		For Street Fitting, Add	*9.04*	
		For Work In Restricted Working Space, Add	*18.97*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.62*	
22 11 16 00-0446	EA	2-1/2" 90 Degree Copper Elbow	108.80	42.99
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.67*	
		For Work In Restricted Working Space, Add	*19.34*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.89*	
22 11 16 00-0447	EA	3" 90 Degree Copper Elbow	139.51	51.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.55*	
		For Work In Restricted Working Space, Add	*23.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.68*	
22 11 16 00-0448	EA	4" 90 Degree Copper Elbow	260.91	72.90
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-18.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.39*	
		For Work In Restricted Working Space, Add	*32.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.97*	
22 11 16 00-0449	EA	5" 90 Degree Copper Elbow	784.88	99.76
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-46.72*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.43*	
		For Work In Restricted Working Space, Add	*44.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*54.20*	
22 11 16 00-0450	EA	6" 90 Degree Copper Elbow	1,064.55	145.17
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-64.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*32.64*	
		For Work In Restricted Working Space, Add	*65.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*74.99*	
22 11 16 00-0451	EA	8" 90 Degree Copper Elbow	3,423.41	193.52
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-185.68*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*43.52*	
		For Work In Restricted Working Space, Add	*87.05*	
		For Silver Solder Instead Of 95/5 Solder, Add	*200.19*	

22 11 16 00-0452 90 Degree Brass Elbows *(22 11 16 00-0436)*

22 11 16 00-0453	EA	1/2" Drop Ear 90 Degree Brass Elbow	38.15	21.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.82*	
		For Work In Restricted Working Space, Add	*9.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.12*	
22 11 16 00-0454	EA	3/4" Drop Ear 90 Degree Brass Elbow	57.53	26.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.87*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0455	EA	1/2" Flanged Sink 90 Degree Brass Elbow	43.13	21.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.76*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.82*	
		For Work In Restricted Working Space, Add	*9.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.37*	
22 11 16 00-0456	EA	3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	32.40	15.57
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.50*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.96*	
22 11 16 00-0457	EA	1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	38.58	21.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.82*	
		For Work In Restricted Working Space, Add	*9.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.14*	
22 11 16 00-0458	EA	3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	51.29	26.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.56*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.55*	
22 11 16 00-0459	EA	1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	84.09	31.81
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.59*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.15*	
		For Work In Restricted Working Space, Add	*14.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.97*	

22 11 16 00-0460 Reducing 90 Degree Copper Elbows *(22 11 16 00-0436)*

22 11 16 00-0461	EA	1/2" Reducing 90 Degree Copper Elbow	39.92	21.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.82*	
		For Work In Restricted Working Space, Add	*9.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.21*	
22 11 16 00-0462	EA	3/4" Reducing 90 Degree Copper Elbow	45.42	26.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.27*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.26*	
22 11 16 00-0463	EA	1" Reducing 90 Degree Copper Elbow	57.85	31.81
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.15*	
		For Work In Restricted Working Space, Add	*14.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.66*	
22 11 16 00-0464	EA	1-1/4" Reducing 90 Degree Copper Elbow	77.48	34.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.73*	
		For Work In Restricted Working Space, Add	*15.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.03*	
22 11 16 00-0465	EA	1-1/2" Reducing 90 Degree Copper Elbow	90.49	37.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Work In Restricted Working Space, Add	*16.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.17*	
22 11 16 00-0466	EA	2" Reducing 90 Degree Copper Elbow	109.09	42.23
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.49*	
		For Work In Restricted Working Space, Add	*18.97*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.78*	

22 11 16 00-0467 45 Degree Copper Elbows *(22 11 16 00-0436)*

22 11 16 00-0468	EA	1/4" 45 Degree Copper Elbow	24.71	12.98
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.92*	
		For Street Fitting, Add	*2.10*	
		For Work In Restricted Working Space, Add	*5.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.18*	
22 11 16 00-0469	EA	3/8" 45 Degree Copper Elbow	27.85	15.57
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.56*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.50*	
		For Street Fitting, Add	*1.80*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.73*	
22 11 16 00-0470	EA	1/2" 45 Degree Copper Elbow	33.87	21.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.82*	
		For Street Fitting, Add	*0.71*	
		For Work In Restricted Working Space, Add	*9.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.90*	
22 11 16 00-0471	EA	3/4" 45 Degree Copper Elbow	42.91	26.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.14*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Street Fitting, Add	*1.21*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0472	EA	1" 45 Degree Copper Elbow	55.22	31.81
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.14*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.15*	
		For Street Fitting, Add	*3.02*	
		For Work In Restricted Working Space, Add	*14.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.53*	
22 11 16 00-0473	EA	1-1/4" 45 Degree Copper Elbow	61.79	34.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.73*	
		For Street Fitting, Add	*4.09*	
		For Work In Restricted Working Space, Add	*15.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.25*	
22 11 16 00-0474	EA	1-1/2" 45 Degree Copper Elbow	68.99	37.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.27*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Street Fitting, Add	*5.02*	
		For Work In Restricted Working Space, Add	*16.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.09*	
22 11 16 00-0475	EA	2" 45 Degree Copper Elbow	84.18	42.23
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.49*	
		For Work In Restricted Working Space, Add	*18.97*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.53*	
22 11 16 00-0476	EA	2-1/2" 45 Degree Copper Elbow	108.27	42.99
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.67*	
		For Work In Restricted Working Space, Add	*19.34*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.86*	
22 11 16 00-0477	EA	3" 45 Degree Copper Elbow	141.98	51.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.55*	
		For Work In Restricted Working Space, Add	*23.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.80*	
22 11 16 00-0478	EA	4" 45 Degree Copper Elbow	247.78	72.90
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.39*	
		For Work In Restricted Working Space, Add	*32.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.31*	
22 11 16 00-0479	EA	5" 45 Degree Copper Elbow	686.06	99.76
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-41.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.43*	
		For Work In Restricted Working Space, Add	*44.87*	
		For Silver Solder Instead Of 95/5 Solder, Add	*49.26*	
22 11 16 00-0480	EA	6" 45 Degree Copper Elbow	1,063.11	145.17
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-64.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*32.64*	
		For Work In Restricted Working Space, Add	*65.28*	
		For Silver Solder Instead Of 95/5 Solder, Add	*74.92*	
22 11 16 00-0481	EA	8" 45 Degree Copper Elbow	3,163.11	193.52
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-172.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*43.52*	
		For Work In Restricted Working Space, Add	*87.05*	
		For Silver Solder Instead Of 95/5 Solder, Add	*187.17*	

22 11 16 00-0482 Straight Copper And Brass Tees *(22 11 16 00-0436)*

22 11 16 00-0483	EA	1/4" Straight Copper Tee	35.07	19.46
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.38*	
		For Work In Restricted Working Space, Add	*8.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.67*	
22 11 16 00-0484	EA	3/8" Straight Copper Tee	39.77	23.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.74*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.25*	
		For Work In Restricted Working Space, Add	*10.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.49*	
22 11 16 00-0485	EA	1/2" Straight Copper Tee	50.30	32.49
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.30*	
		For Work In Restricted Working Space, Add	*14.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.38*	
22 11 16 00-0486	EA	3/4" Straight Copper Tee	64.28	40.28
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.23*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.05*	
		For Work In Restricted Working Space, Add	*18.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.25*	
22 11 16 00-0487	EA	1" Straight Copper Tee	83.92	48.06
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.80*	
		For Work In Restricted Working Space, Add	*21.60*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.40*	
22 11 16 00-0488	EA	1-1/4" Straight Copper Tee	94.43	51.95
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.67*	
		For Work In Restricted Working Space, Add	*23.35*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.50*	
22 11 16 00-0489	EA	1-1/2" Straight Copper Tee	109.77	56.43
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.72*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.70*	
		For Work In Restricted Working Space, Add	*25.40*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0490	EA	2" Straight Copper Tee	135.28	63.63
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.30*	
		For Work In Restricted Working Space, Add	*28.61*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.30*	
22 11 16 00-0491	EA	2-1/2" Straight Copper Tee	175.71	64.48
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.51*	
		For Work In Restricted Working Space, Add	*29.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.46*	
22 11 16 00-0492	EA	3" Straight Copper Tee	237.11	77.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.68*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.46*	
		For Work In Restricted Working Space, Add	*34.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.50*	
22 11 16 00-0493	EA	4" Straight Copper Tee	455.10	108.72
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-30.90*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*24.45*	
		For Work In Restricted Working Space, Add	*48.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*39.05*	
22 11 16 00-0494	EA	5" Straight Copper Tee	1,177.91	148.75
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-70.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*33.45*	
		For Work In Restricted Working Space, Add	*66.90*	
		For Silver Solder Instead Of 95/5 Solder, Add	*81.19*	
22 11 16 00-0495	EA	6" Straight Copper Tee	1,632.22	218.06
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-97.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*49.03*	
		For Work In Restricted Working Space, Add	*98.06*	
		For Silver Solder Instead Of 95/5 Solder, Add	*114.30*	
22 11 16 00-0496	EA	8" Straight Copper Tee	5,470.61	290.32
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-295.29*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*65.28*	
		For Work In Restricted Working Space, Add	*130.57*	
		For Silver Solder Instead Of 95/5 Solder, Add	*317.05*	
22 11 16 00-0497	EA	1/2" Cast Bronze Drop Ear Tee	58.84	32.49
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.30*	
		For Work In Restricted Working Space, Add	*14.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.81*	

22 11 16 00-0498 Reducing Copper Tees *(22 11 16 00-0436)*

22 11 16 00-0499	EA	3/8" Reducing Copper Tee	40.51	20.73
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.67*	
		For Work In Restricted Working Space, Add	*9.34*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.14*	
22 11 16 00-0500	EA	1/2" Reducing Copper Tee	52.03	29.18
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.57*	
		For Work In Restricted Working Space, Add	*13.13*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.98*	
22 11 16 00-0501	EA	3/4" Reducing Copper Tee	60.63	37.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Work In Restricted Working Space, Add	*16.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.67*	
22 11 16 00-0502	EA	1" Reducing Copper Tee	81.46	45.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.22*	
		For Work In Restricted Working Space, Add	*20.43*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.88*	
22 11 16 00-0503	EA	1-1/4" Reducing Copper Tee	94.21	49.33
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.09*	
		For Work In Restricted Working Space, Add	*22.18*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.10*	
22 11 16 00-0504	EA	1-1/2" Reducing Copper Tee	109.41	53.90
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.11*	
		For Work In Restricted Working Space, Add	*24.23*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.55*	
22 11 16 00-0505	EA	2" Reducing Copper Tee	131.91	60.32
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.57*	
		For Work In Restricted Working Space, Add	*27.14*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.64*	
22 11 16 00-0506	EA	2-1/2" Reducing Copper Tee	179.67	62.15
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.97*	
		For Work In Restricted Working Space, Add	*27.94*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.30*	
22 11 16 00-0507	EA	3" Reducing Copper Tee	249.58	71.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.12*	
		For Work In Restricted Working Space, Add	*32.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0508	EA	4" Reducing Copper Tee	431.73	88.38
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-28.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.88*	
		For Work In Restricted Working Space, Add	*39.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*34.84*	

22 11 16 00-0509 Copper Couplings *(22 11 16 00-0436)*

22 11 16 00-0510	EA	1/4" Copper Coupling	20.02	12.98
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.97*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.92*	
		For Work In Restricted Working Space, Add	*5.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.95*	
22 11 16 00-0511	EA	3/8" Copper Coupling	24.10	15.57
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.50*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.54*	
22 11 16 00-0512	EA	1/2" Copper Coupling	32.72	21.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.82*	
		For Work In Restricted Working Space, Add	*9.63*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.85*	
22 11 16 00-0513	EA	3/4" Copper Coupling	41.14	26.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.05*	
22 11 16 00-0514	EA	1" Copper Coupling	50.16	31.81
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.15*	
		For Work In Restricted Working Space, Add	*14.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.28*	
22 11 16 00-0515	EA	1-1/4" Copper Coupling	55.95	34.44
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.38*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.73*	
		For Work In Restricted Working Space, Add	*15.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.95*	
22 11 16 00-0516	EA	1-1/2" Copper Coupling	62.24	37.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Work In Restricted Working Space, Add	*16.93*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.76*	
22 11 16 00-0517	EA	2" Copper Coupling	72.91	41.84
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.49*	
		For Work In Restricted Working Space, Add	*18.97*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.97*	
22 11 16 00-0518	EA	2-1/2" Copper Coupling	80.77	40.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.08*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.14*	
		For Work In Restricted Working Space, Add	*18.27*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.13*	
22 11 16 00-0519	EA	3" Copper Coupling	100.48	49.26
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.01*	
		For Work In Restricted Working Space, Add	*22.03*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.37*	
22 11 16 00-0520	EA	4" Copper Coupling	158.09	66.27
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.78*	
		For Work In Restricted Working Space, Add	*29.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.75*	
22 11 16 00-0521	EA	5" Copper Coupling	258.51	120.89
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.15*	
		For Work In Restricted Working Space, Add	*40.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*26.36*	
22 11 16 00-0522	EA	6" Copper Coupling	402.23	131.37
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-29.96*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*29.55*	
		For Work In Restricted Working Space, Add	*59.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*39.81*	
22 11 16 00-0523	EA	8" Copper Coupling	926.71	174.18
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-59.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*39.22*	
		For Work In Restricted Working Space, Add	*78.45*	
		For Silver Solder Instead Of 95/5 Solder, Add	*72.48*	

22 11 16 00-0524 Reducing Copper Couplings *(22 11 16 00-0436)*

22 11 16 00-0525	EA	3/8" Reducing Copper Coupling	20.69	12.94
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.92*	
		For Work In Restricted Working Space, Add	*5.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0526	EA	1/2" Reducing Copper Coupling	29.02	18.48
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.16*	
		For Work In Restricted Working Space, Add	*8.32*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.22*	
22 11 16 00-0527	EA	3/4" Reducing Copper Coupling	38.21	24.04
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.40*	
		For Work In Restricted Working Space, Add	*10.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.51*	
22 11 16 00-0528	EA	1" Reducing Copper Coupling	47.80	29.18
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.57*	
		For Work In Restricted Working Space, Add	*13.13*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.77*	
22 11 16 00-0529	EA	1-1/4" Reducing Copper Coupling	55.22	33.08
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.44*	
		For Work In Restricted Working Space, Add	*14.89*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.72*	
22 11 16 00-0530	EA	1-1/2" Reducing Copper Coupling	63.26	35.99
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.86*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.10*	
		For Work In Restricted Working Space, Add	*16.20*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.56*	
22 11 16 00-0531	EA	2" Reducing Copper Coupling	74.17	39.88
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.98*	
		For Work In Restricted Working Space, Add	*17.95*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.69*	
22 11 16 00-0532	EA	2-1/2" Reducing Copper Coupling	90.82	40.93
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.20*	
		For Work In Restricted Working Space, Add	*18.40*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.68*	
22 11 16 00-0533	EA	3" Reducing Copper Coupling	107.20	47.47
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.90*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.61*	
		For Work In Restricted Working Space, Add	*21.23*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.44*	
22 11 16 00-0534	EA	4" Reducing Copper Coupling	165.49	62.15
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.97*	
		For Work In Restricted Working Space, Add	*27.94*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.59*	
22 11 16 00-0535	EA	5" Reducing Copper Coupling	412.81	86.59
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-27.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.48*	
		For Work In Restricted Working Space, Add	*38.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*33.63*	
22 11 16 00-0536	EA	6" Reducing Copper Coupling	612.79	116.41
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-39.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*26.19*	
		For Work In Restricted Working Space, Add	*52.39*	
		For Silver Solder Instead Of 95/5 Solder, Add	*48.10*	
22 11 16 00-0537	EA	8" Reducing Copper Coupling	1,183.21	169.63
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-71.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*38.15*	
		For Work In Restricted Working Space, Add	*76.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*84.59*	

22 11 16 00-0538 Male Copper Adapters *(22 11 16 00-0436)*

22 11 16 00-0539	EA	1/4" Male Copper Adapter	29.40	12.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.44*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.92*	
		For Work In Restricted Working Space, Add	*5.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.42*	
22 11 16 00-0540	EA	3/8" Male Copper Adapter	28.30	15.57
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.50*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.75*	
22 11 16 00-0541	EA	1/2" Male Copper Adapter	31.19	19.46
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.38*	
		For Work In Restricted Working Space, Add	*8.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.48*	
22 11 16 00-0542	EA	3/4" Male Copper Adapter	39.39	24.33
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.40*	
		For Work In Restricted Working Space, Add	*10.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.57*	
22 11 16 00-0543	EA	1" Male Copper Adapter	50.49	28.22
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.28*	
		For Work In Restricted Working Space, Add	*12.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0544	EA	1-1/4" Male Copper Adapter	61.23	32.10
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.30*	
		For Work In Restricted Working Space, Add	*14.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.93*	
22 11 16 00-0545	EA	1-1/2" Male Copper Adapter	70.18	36.97
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.32*	
		For Work In Restricted Working Space, Add	*16.64*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.05*	
22 11 16 00-0546	EA	2" Male Copper Adapter	95.95	47.19
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.65*	
		For Work In Restricted Working Space, Add	*21.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.90*	
22 11 16 00-0547	EA	2-1/2" Male Copper Adapter	170.76	61.30
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.72*	
		For Work In Restricted Working Space, Add	*27.44*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.68*	
22 11 16 00-0548	EA	3" Male Copper Adapter	226.77	81.71
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.43*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.27*	
		For Work In Restricted Working Space, Add	*36.54*	
		For Silver Solder Instead Of 95/5 Solder, Add	*23.52*	
22 11 16 00-0549	EA	4" Male Copper Adapter	339.82	114.62
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.59*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*25.79*	
		For Work In Restricted Working Space, Add	*51.58*	
		For Silver Solder Instead Of 95/5 Solder, Add	*34.19*	

22 11 16 00-0550 Female Copper Adapters *(22 11 16 00-0436)*

22 11 16 00-0551	EA	1/4" Female Copper Adapter	25.81	12.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.26*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.92*	
		For Work In Restricted Working Space, Add	*5.84*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.24*	
22 11 16 00-0552	EA	3/8" Female Copper Adapter	29.99	15.57
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.50*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.83*	
22 11 16 00-0553	EA	1/2" Female Copper Adapter	32.39	19.46
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.08*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.38*	
		For Work In Restricted Working Space, Add	*8.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.54*	
22 11 16 00-0554	EA	3/4" Female Copper Adapter	40.38	24.33
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.40*	
		For Work In Restricted Working Space, Add	*10.80*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.62*	
22 11 16 00-0555	EA	1" Female Copper Adapter	51.88	28.22
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.28*	
		For Work In Restricted Working Space, Add	*12.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.78*	
22 11 16 00-0556	EA	1-1/4" Female Copper Adapter	63.37	32.10
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.30*	
		For Work In Restricted Working Space, Add	*14.59*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.03*	
22 11 16 00-0557	EA	1-1/2" Female Copper Adapter	78.51	36.97
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.32*	
		For Work In Restricted Working Space, Add	*16.64*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.47*	
22 11 16 00-0558	EA	2" Female Copper Adapter	102.30	47.19
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.65*	
		For Work In Restricted Working Space, Add	*21.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.22*	
22 11 16 00-0559	EA	2-1/2" Female Copper Adapter	196.07	56.42
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.63*	
		For Work In Restricted Working Space, Add	*25.25*	
		For Silver Solder Instead Of 95/5 Solder, Add	*18.22*	
22 11 16 00-0560	EA	3" Female Copper Adapter	310.27	81.71
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.27*	
		For Work In Restricted Working Space, Add	*36.54*	
		For Silver Solder Instead Of 95/5 Solder, Add	*27.69*	

22 11 16 00-0561 Wrot Copper, Solder Union *(22 11 16 00-0436)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0562	EA	1/4" Wrot Copper, Solder Union	37.39	15.57
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.50*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.20*	
22 11 16 00-0563	EA	3/8" Wrot Copper, Solder Union	42.69	18.78
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.23*	
		For Work In Restricted Working Space, Add	*8.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.96*	
22 11 16 00-0564	EA	1/2" Wrot Copper, Solder Union	43.97	23.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.25*	
		For Work In Restricted Working Space, Add	*10.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.70*	
22 11 16 00-0565	EA	3/4" Wrot Copper, Solder Union	50.88	26.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.53*	
22 11 16 00-0566	EA	1" Wrot Copper, Solder Union	66.57	31.81
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.15*	
		For Work In Restricted Working Space, Add	*14.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.10*	
22 11 16 00-0567	EA	1-1/4" Wrot Copper, Solder Union	79.91	35.03
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.88*	
		For Work In Restricted Working Space, Add	*15.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.25*	
22 11 16 00-0568	EA	1-1/2" Wrot Copper, Solder Union	96.96	38.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.76*	
		For Work In Restricted Working Space, Add	*17.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.69*	
22 11 16 00-0569	EA	2" Wrot Copper, Solder Union	135.81	46.70
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.29*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.51*	
		For Work In Restricted Working Space, Add	*21.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.79*	
22 11 16 00-0570	EA	2-1/2" Wrot Copper, Solder Union	256.38	51.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.55*	
		For Work In Restricted Working Space, Add	*23.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.52*	
22 11 16 00-0571	EA	3" Wrot Copper, Solder Union	573.41	72.90
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.39*	
		For Work In Restricted Working Space, Add	*32.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*39.60*	

22 11 16 00-0572 Cast Bronze, Solder Union *(22 11 16 00-0436)*

22 11 16 00-0573	EA	1/4" Cast Bronze, Solder Union	42.57	15.57
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.50*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.46*	
22 11 16 00-0574	EA	3/8" Cast Bronze, Solder Union	47.57	18.78
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.79*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.23*	
		For Work In Restricted Working Space, Add	*8.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.20*	
22 11 16 00-0575	EA	1/2" Cast Bronze, Solder Union	45.33	23.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.25*	
		For Work In Restricted Working Space, Add	*10.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.77*	
22 11 16 00-0576	EA	3/4" Cast Bronze, Solder Union	52.80	26.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.63*	
22 11 16 00-0577	EA	1" Cast Bronze, Solder Union	69.91	31.81
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.15*	
		For Work In Restricted Working Space, Add	*14.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*8.26*	
22 11 16 00-0578	EA	1-1/4" Cast Bronze, Solder Union	89.03	35.03
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.08*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.88*	
		For Work In Restricted Working Space, Add	*15.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.71*	
22 11 16 00-0579	EA	1-1/2" Cast Bronze, Solder Union	106.48	38.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.76*	
		For Work In Restricted Working Space, Add	*17.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0580	EA	2" Cast Bronze, Solder Union	152.02	46.70
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.51*	
		For Work In Restricted Working Space, Add	*21.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.61*	
22 11 16 00-0581	EA	2-1/2" Cast Bronze, Solder Union	256.37	51.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.55*	
		For Work In Restricted Working Space, Add	*23.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.52*	
22 11 16 00-0582	EA	3" Cast Bronze, Solder Union	573.41	72.90
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.39*	
		For Work In Restricted Working Space, Add	*32.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*39.60*	

22 11 16 00-0583 Cast Bronze, Solder X Female Threaded Union *(22 11 16 00-0436)*

22 11 16 00-0584	EA	1/4" Cast Bronze, Solder X Female Threaded Union	49.56	15.57
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.50*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.81*	
22 11 16 00-0585	EA	3/8" Cast Bronze, Solder X Female Threaded Union	55.34	18.78
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.23*	
		For Work In Restricted Working Space, Add	*8.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.59*	
22 11 16 00-0586	EA	1/2" Cast Bronze, Solder X Female Threaded Union	56.57	23.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.25*	
		For Work In Restricted Working Space, Add	*10.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.33*	
22 11 16 00-0587	EA	3/4" Cast Bronze, Solder X Female Threaded Union	69.24	26.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.45*	
22 11 16 00-0588	EA	1" Cast Bronze, Solder X Female Threaded Union	108.75	31.81
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.15*	
		For Work In Restricted Working Space, Add	*14.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.20*	
22 11 16 00-0589	EA	1-1/4" Cast Bronze, Solder X Female Threaded Union	166.36	35.03
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.88*	
		For Work In Restricted Working Space, Add	*15.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*13.57*	
22 11 16 00-0590	EA	1-1/2" Cast Bronze, Solder X Female Threaded Union	202.58	38.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.05*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.76*	
		For Work In Restricted Working Space, Add	*17.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.97*	
22 11 16 00-0591	EA	2" Cast Bronze, Solder X Female Threaded Union	314.13	46.70
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.21*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.51*	
		For Work In Restricted Working Space, Add	*21.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*22.71*	
22 11 16 00-0592	EA	2-1/2" Cast Bronze, Solder X Female Threaded Union	539.72	51.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-30.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.55*	
		For Work In Restricted Working Space, Add	*23.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*34.69*	

22 11 16 00-0593 Cast Bronze, Solder X Male Threaded Union *(22 11 16 00-0436)*

22 11 16 00-0594	EA	1/4" Cast Bronze, Solder X Male Threaded Union	43.32	15.57
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.50*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.50*	
22 11 16 00-0595	EA	3/8" Cast Bronze, Solder X Male Threaded Union	51.52	18.78
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.99*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.23*	
		For Work In Restricted Working Space, Add	*8.47*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.40*	
22 11 16 00-0596	EA	1/2" Cast Bronze, Solder X Male Threaded Union	52.03	23.35
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.25*	
		For Work In Restricted Working Space, Add	*10.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.10*	
22 11 16 00-0597	EA	3/4" Cast Bronze, Solder X Male Threaded Union	65.40	26.66
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.26*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.98*	
		For Work In Restricted Working Space, Add	*11.96*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0598	EA	1" Cast Bronze, Solder X Male Threaded Union	110.51	31.81
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.15*	
		For Work In Restricted Working Space, Add	*14.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.29*	
22 11 16 00-0599	EA	1-1/4" Cast Bronze, Solder X Male Threaded Union	130.49	35.03
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.88*	
		For Work In Restricted Working Space, Add	*15.76*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.78*	
22 11 16 00-0600	EA	1-1/2" Cast Bronze, Solder X Male Threaded Union	140.25	38.92
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.93*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.76*	
		For Work In Restricted Working Space, Add	*17.51*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.85*	
22 11 16 00-0601	EA	2" Cast Bronze, Solder X Male Threaded Union	195.80	46.70
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.29*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.51*	
		For Work In Restricted Working Space, Add	*21.01*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.79*	
22 11 16 00-0602	EA	2-1/2" Cast Bronze, Solder X Male Threaded Union	445.55	51.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-26.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.55*	
		For Work In Restricted Working Space, Add	*23.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*29.98*	

22 11 16 00-0603 Copper Caps *(22 11 16 00-0436)*

22 11 16 00-0604	EA	1/4" Copper Cap	4.51	2.46
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.55*	
		For Work In Restricted Working Space, Add	*1.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.59*	
22 11 16 00-0605	EA	3/8" Copper Cap	5.26	2.59
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.58*	
		For Work In Restricted Working Space, Add	*1.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.65*	
22 11 16 00-0606	EA	1/2" Copper Cap	4.83	2.80
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.62*	
		For Work In Restricted Working Space, Add	*1.24*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.65*	
22 11 16 00-0607	EA	3/4" Copper Cap	6.49	3.50
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.78*	
		For Work In Restricted Working Space, Add	*1.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*0.84*	
22 11 16 00-0608	EA	1" Copper Cap	9.65	4.43
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*0.99*	
		For Work In Restricted Working Space, Add	*1.97*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.14*	
22 11 16 00-0609	EA	1-1/4" Copper Cap	13.12	6.07
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.35*	
		For Work In Restricted Working Space, Add	*2.70*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.56*	
22 11 16 00-0610	EA	1-1/2" Copper Cap	16.58	7.14
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.36*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.59*	
		For Work In Restricted Working Space, Add	*3.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*1.89*	
22 11 16 00-0611	EA	2" Copper Cap	34.64	15.90
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.53*	
		For Work In Restricted Working Space, Add	*7.07*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.09*	
22 11 16 00-0612	EA	2-1/2" Copper Cap	69.03	24.18
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.37*	
		For Work In Restricted Working Space, Add	*10.75*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.03*	
22 11 16 00-0613	EA	3" Copper Cap	94.57	31.74
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.08*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.05*	
		For Work In Restricted Working Space, Add	*14.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.43*	
22 11 16 00-0614	EA	4" Copper Cap	145.74	37.78
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.09*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.40*	
		For Work In Restricted Working Space, Add	*16.79*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.88*	
22 11 16 00-0615	EA	5" Cast Bronze Cap	708.72	51.85
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-39.32*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.66*	
		For Work In Restricted Working Space, Add	*23.32*	
		For Silver Solder Instead Of 95/5 Solder, Add	*43.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0616	EA	6" Cast Bronze Cap	1,356.65	67.17
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-72.81*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.92*	
		For Work In Restricted Working Space, Add	*29.85*	
		For Silver Solder Instead Of 95/5 Solder, Add	*77.78*	
22 11 16 00-0617	EA	8" Cast Bronze Cap	1,738.81	96.71
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-94.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.49*	
		For Work In Restricted Working Space, Add	*42.98*	
		For Silver Solder Instead Of 95/5 Solder, Add	*101.27*	

22 11 16 00-0618 Copper Crosses *(22 11 16 00-0436)*

22 11 16 00-0619	EA	1/2" Copper Cross	70.16	39.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.87*	
		For Work In Restricted Working Space, Add	*17.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.42*	
22 11 16 00-0620	EA	3/4" Copper Cross	94.90	48.99
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.01*	
		For Work In Restricted Working Space, Add	*22.03*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.09*	
22 11 16 00-0621	EA	1" Copper Cross	124.23	58.47
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.16*	
		For Work In Restricted Working Space, Add	*26.33*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.99*	
22 11 16 00-0622	EA	1-1/4" Copper Cross	147.34	63.31
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.24*	
		For Work In Restricted Working Space, Add	*28.48*	
		For Silver Solder Instead Of 95/5 Solder, Add	*16.86*	
22 11 16 00-0623	EA	1-1/2" Copper Cross	178.60	69.23
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
		For Silver Solder Instead Of 95/5 Solder, Add	*19.32*	
22 11 16 00-0624	EA	2" Copper Cross	257.57	77.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-18.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.46*	
		For Work In Restricted Working Space, Add	*34.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*24.52*	
22 11 16 00-0625	EA	2-1/2" Copper Cross	454.34	85.97
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-29.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.34*	
		For Work In Restricted Working Space, Add	*38.69*	
		For Silver Solder Instead Of 95/5 Solder, Add	*35.61*	

22 11 16 00-0626 Cast Bronze Crosses *(22 11 16 00-0436)*

22 11 16 00-0627	EA	3/8" Cast Bronze Cross	57.72	28.65
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.45*	
		For Work In Restricted Working Space, Add	*12.90*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.19*	
22 11 16 00-0628	EA	1/2" Cast Bronze Cross	72.37	39.40
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.57*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.87*	
		For Work In Restricted Working Space, Add	*17.73*	
		For Silver Solder Instead Of 95/5 Solder, Add	*9.53*	
22 11 16 00-0629	EA	3/4" Cast Bronze Cross	99.19	48.99
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.01*	
		For Work In Restricted Working Space, Add	*22.03*	
		For Silver Solder Instead Of 95/5 Solder, Add	*12.30*	
22 11 16 00-0630	EA	1" Cast Bronze Cross	131.52	58.47
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.96*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.16*	
		For Work In Restricted Working Space, Add	*26.33*	
		For Silver Solder Instead Of 95/5 Solder, Add	*15.35*	
22 11 16 00-0631	EA	1-1/4" Cast Bronze Cross	157.83	63.31
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.24*	
		For Work In Restricted Working Space, Add	*28.48*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.38*	
22 11 16 00-0632	EA	1-1/2" Cast Bronze Cross	193.54	69.23
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.87*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.58*	
		For Work In Restricted Working Space, Add	*31.16*	
		For Silver Solder Instead Of 95/5 Solder, Add	*20.07*	
22 11 16 00-0633	EA	2" Cast Bronze Cross	285.79	77.64
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-20.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.46*	
		For Work In Restricted Working Space, Add	*34.92*	
		For Silver Solder Instead Of 95/5 Solder, Add	*25.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0634	EA	2-1/2" Cast Bronze Cross	519.41	85.97
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-32.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.34*	
		For Work In Restricted Working Space, Add	*38.69*	
		For Silver Solder Instead Of 95/5 Solder, Add	*38.87*	

22 11 16 00-0635 Flexible Corrugated Copper Supply Line *(22 11 16 00-0436)*

22 11 16 00-0636	EA	3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line	73.17	26.66
22 11 16 00-0637	EA	3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line	77.17	26.66
22 11 16 00-0638	EA	3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line	65.96	26.66
22 11 16 00-0639	EA	3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line	70.50	26.66
22 11 16 00-0640	EA	3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line	74.50	26.66
22 11 16 00-0641	EA	3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line	77.17	26.66

22 11 16 00-0642 Crimped Copper Fittings *(22 11 16 00-0368)*

Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.

22 11 16 00-0643 Crimped Copper 90 Degree Elbows *(22 11 16 00-0642)*

22 11 16 00-0644	EA	1/2" Crimped Copper 90 Degree Elbow	19.87	11.68
22 11 16 00-0645	EA	3/4" Crimped Copper 90 Degree Elbow	23.94	13.33
22 11 16 00-0646	EA	1" Crimped Copper 90 Degree Elbow	31.84	15.86
22 11 16 00-0647	EA	1-1/4" Crimped Copper 90 Degree Elbow	42.45	17.51
22 11 16 00-0648	EA	1-1/2" Crimped Copper 90 Degree Elbow	59.81	19.46
22 11 16 00-0649	EA	2" Crimped Copper 90 Degree Elbow	77.60	23.35
22 11 16 00-0650	EA	2-1/2" Crimped Copper 90 Degree Elbow	164.51	27.24
22 11 16 00-0651	EA	3" Crimped Copper 90 Degree Elbow	204.21	32.40
22 11 16 00-0652	EA	4" Crimped Copper 90 Degree Elbow	256.68	42.81

22 11 16 00-0653 Crimped Copper 45 Degree Elbows *(22 11 16 00-0642)*

22 11 16 00-0654	EA	1/2" Crimped Copper 45 Degree Elbow	20.26	11.68
22 11 16 00-0655	EA	3/4" Crimped Copper 45 Degree Elbow	23.31	13.33
22 11 16 00-0656	EA	1" Crimped Copper 45 Degree Elbow	34.67	15.86
22 11 16 00-0657	EA	1-1/4" Crimped Copper 45 Degree Elbow	41.82	17.51
22 11 16 00-0658	EA	1-1/2" Crimped Copper 45 Degree Elbow	54.39	19.46
22 11 16 00-0659	EA	2" Crimped Copper 45 Degree Elbow	70.30	23.35
22 11 16 00-0660	EA	2-1/2" Crimped Copper 45 Degree Elbow	122.54	27.24
22 11 16 00-0661	EA	3" Crimped Copper 45 Degree Elbow	165.34	32.40
22 11 16 00-0662	EA	4" Crimped Copper 45 Degree Elbow	226.28	42.81

22 11 16 00-0663 Crimped Copper Straight Tees *(22 11 16 00-0642)*

22 11 16 00-0664	EA	1/2" Crimped Copper Straight Tee	29.88	17.51
22 11 16 00-0665	EA	3/4" Crimped Copper Straight Tee	40.89	23.06
22 11 16 00-0666	EA	1" Crimped Copper Straight Tee	49.90	25.58
22 11 16 00-0667	EA	1-1/4" Crimped Copper Straight Tee	58.80	26.27
22 11 16 00-0668	EA	1-1/2" Crimped Copper Straight Tee	82.45	29.87
22 11 16 00-0669	EA	2" Crimped Copper Straight Tee	99.11	35.03
22 11 16 00-0670	EA	2-1/2" Crimped Copper Straight Tee	214.07	40.86
22 11 16 00-0671	EA	3" Crimped Copper Straight Tee	263.93	48.64
22 11 16 00-0672	EA	4" Crimped Copper Straight Tee	364.27	64.21

22 11 16 00-0673 Crimped Copper Reducing Tees *(22 11 16 00-0642)*

22 11 16 00-0674	EA	3/4" Crimped Copper Reducing Tee	34.82	16.63
22 11 16 00-0675	EA	1" Crimped Copper Reducing Tee	50.22	21.89
22 11 16 00-0676	EA	1-1/4" Crimped Copper Reducing Tee	54.24	24.33
22 11 16 00-0677	EA	1-1/2" Crimped Copper Reducing Tee	70.92	25.00
22 11 16 00-0678	EA	2" Crimped Copper Reducing Tee	84.85	28.31
22 11 16 00-0679	EA	2-1/2" Crimped Copper Reducing Tee	228.10	32.10
22 11 16 00-0680	EA	3" Crimped Copper Reducing Tee	278.07	38.92
22 11 16 00-0681	EA	4" Crimped Copper Reducing Tee	327.78	51.85

22 11 16 00-0682 Crimped Copper Couplings *(22 11 16 00-0642)*

22 11 16 00-0683	EA	1/2" Crimped Copper Coupling	19.63	11.68
22 11 16 00-0684	EA	3/4" Crimped Copper Coupling	23.16	13.33
22 11 16 00-0685	EA	1" Crimped Copper Coupling	30.34	15.86
22 11 16 00-0686	EA	1-1/4" Crimped Copper Coupling	34.36	17.51
22 11 16 00-0687	EA	1-1/2" Crimped Copper Coupling	44.26	19.46
22 11 16 00-0688	EA	2" Crimped Copper Coupling	54.27	23.35
22 11 16 00-0689	EA	2-1/2" Crimped Copper Coupling	102.44	27.24
22 11 16 00-0690	EA	3" Crimped Copper Coupling	127.07	32.40
22 11 16 00-0691	EA	4" Crimped Copper Coupling	173.11	42.81

22 11 16 00-0692 Crimped Copper Reducing Couplings *(22 11 16 00-0642)*

22 11 16 00-0693	EA	3/4" Crimped Copper Reducing Coupling	26.29	11.09
22 11 16 00-0694	EA	1" Crimped Copper Reducing Coupling	30.05	12.65
22 11 16 00-0695	EA	1-1/4" Crimped Copper Reducing Coupling	38.77	15.08
22 11 16 00-0696	EA	1-1/2" Crimped Copper Reducing Coupling	48.72	16.63
22 11 16 00-0697	EA	2" Crimped Copper Reducing Coupling	54.43	18.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0698	EA	2-1/2" Crimped Copper FTG x C Reducing Coupling	105.83	22.08
22 11 16 00-0699	EA	3" Crimped Copper FTG x C Reducing Coupling	131.71	25.98
22 11 16 00-0700	EA	4" Crimped Copper FTG x C Reducing Coupling	171.28	34.34

22 11 16 00-0701 Crimped Copper Male Adapters *(22 11 16 00-0642)*

22 11 16 00-0702	EA	1/2" Crimped Copper Male Adapter	20.11	11.68
22 11 16 00-0703	EA	3/4" Crimped Copper Male Adapter	24.65	13.33
22 11 16 00-0704	EA	1" Crimped Copper Male Adapter	32.47	15.86
22 11 16 00-0705	EA	1-1/4" Crimped Copper Male Adapter	45.20	17.51
22 11 16 00-0706	EA	1-1/2" Crimped Copper Male Adapter	55.73	19.46
22 11 16 00-0707	EA	2" Crimped Copper Male Adapter	86.15	23.35
22 11 16 00-0708	EA	2-1/2" Crimped Copper Male Adapter	164.51	27.24
22 11 16 00-0709	EA	3" Crimped Copper Male Adapter	204.21	32.40
22 11 16 00-0710	EA	4" Crimped Copper Male Adapter	244.28	42.81

22 11 16 00-0711 Crimped Copper Female Adapters *(22 11 16 00-0642)*

22 11 16 00-0712	EA	1/2" Crimped Copper Female Adapter	20.65	11.68
22 11 16 00-0713	EA	3/4" Crimped Copper Female Adapter	25.05	13.33
22 11 16 00-0714	EA	1" Crimped Copper Female Adapter	33.26	15.86
22 11 16 00-0715	EA	1-1/4" Crimped Copper Female Adapter	47.55	17.51
22 11 16 00-0716	EA	1-1/2" Crimped Copper Female Adapter	60.13	19.46
22 11 16 00-0717	EA	2" Crimped Copper Female Adapter	87.57	23.35

22 11 16 00-0718 Crimped Copper Caps *(22 11 16 00-0642)*

22 11 16 00-0719	EA	1/2" Crimped Copper Cap	13.31	5.83
22 11 16 00-0720	EA	3/4" Crimped Copper Cap	17.91	6.81
22 11 16 00-0721	EA	1" Crimped Copper Cap	23.54	7.78
22 11 16 00-0722	EA	1-1/4" Crimped Copper Cap	26.56	8.76
22 11 16 00-0723	EA	1-1/2" Crimped Copper Cap	35.89	10.02
22 11 16 00-0724	EA	2" Crimped Copper Cap	42.80	11.68
22 11 16 00-0725	EA	2-1/2" Crimped Copper Cap	101.29	13.62
22 11 16 00-0726	EA	3" Crimped Copper Cap	126.65	16.25
22 11 16 00-0727	EA	4" Crimped Copper Cap	168.45	21.40

22 11 16 00-0728 C x F NPT Crimped Bronze Unions *(22 11 16 00-0642)*

22 11 16 00-0729	EA	1/2" C x F NPT Crimped Bronze Union	37.19	15.86
22 11 16 00-0730	EA	3/4" C x F NPT Crimped Bronze Union	46.41	19.56
22 11 16 00-0731	EA	1" C x F NPT Crimped Bronze Union	63.55	23.44
22 11 16 00-0732	EA	1-1/4" C x F NPT Crimped Bronze Union	76.64	27.04
22 11 16 00-0733	EA	1-1/2" C x F NPT Crimped Bronze Union	96.24	26.46
22 11 16 00-0734	EA	2" C x F NPT Crimped Bronze Union	132.32	38.34

22 11 16 00-0735 C x C Crimped Bronze Unions *(22 11 16 00-0642)*

22 11 16 00-0736	EA	1/2" C x C Bronze Crimped Union	34.16	11.68
22 11 16 00-0737	EA	3/4" C x C Bronze Crimped Union	41.77	13.33
22 11 16 00-0738	EA	1" C x C Bronze Crimped Union	58.70	15.86
22 11 16 00-0739	EA	1-1/4" C x C Bronze Crimped Union	76.06	17.51
22 11 16 00-0740	EA	1-1/2" C x C Bronze Crimped Union	96.80	19.46
22 11 16 00-0741	EA	2" C x C Bronze Crimped Union	145.46	23.35

22 11 16 00-0742 C x Flange Crimped Bronze Flange *(22 11 16 00-0642)*

22 11 16 00-0743	EA	2-1/2" C x Flange Crimped Bronze Flange	277.30	27.24
22 11 16 00-0744	EA	3" C x Flange Crimped Bronze Flange	303.12	32.40
22 11 16 00-0745	EA	4" C x Flange Crimped Bronze Flange	349.10	42.81

22 11 16 00-0746 Field Installed FKM Seals *(22 11 16 00-0642)*

Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal.

22 11 16 00-0747	EA	1/2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	5.70	
22 11 16 00-0748	EA	3/4" Field Installed FKM Seal Note: To be used in conjunction with fittings.	7.15	
22 11 16 00-0749	EA	1" Field Installed FKM Seal Note: To be used in conjunction with fittings.	8.19	
22 11 16 00-0750	EA	1-1/4" Field Installed FKM Seal Note: To be used in conjunction with fittings.	9.40	
22 11 16 00-0751	EA	1-1/2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	12.88	
22 11 16 00-0752	EA	2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	14.41	
22 11 16 00-0753	EA	2-1/2" Field Installed FKM Seal Note: To be used in conjunction with fittings.	20.98	
22 11 16 00-0754	EA	3" Field Installed FKM Seal Note: To be used in conjunction with fittings.	24.17	
22 11 16 00-0755	EA	4" Field Installed FKM Seal Note: To be used in conjunction with fittings.	32.85	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0756		Cut And Prepare Existing In-Place Copper Pipe *(22 11 16 00-0368)*		
22 11 16 00-0757	EA	Up To 1/2", Cut And Prepare Existing In Place Copper Pipe	9.72	
22 11 16 00-0758	EA	3/4", Cut And Prepare Existing In Place Copper Pipe	10.51	
22 11 16 00-0759	EA	1", Cut And Prepare Existing In Place Copper Pipe	11.82	
22 11 16 00-0760	EA	1-1/4", Cut And Prepare Existing In Place Copper Pipe	12.40	
22 11 16 00-0761	EA	1-1/2", Cut And Prepare Existing In Place Copper Pipe	13.13	
22 11 16 00-0762	EA	2", Cut And Prepare Existing In Place Copper Pipe	14.45	
22 11 16 00-0763	EA	2-1/2", Cut And Prepare Existing In Place Copper Pipe	15.57	
22 11 16 00-0764	EA	3", Cut And Prepare Existing In Place Copper Pipe	18.38	
22 11 16 00-0765	EA	4", Cut And Prepare Existing In Place Copper Pipe	24.81	
22 11 16 00-0766	EA	6", Cut And Prepare Existing In Place Copper Pipe	35.46	
22 11 16 00-0767	EA	8", Cut And Prepare Existing In Place Copper Pipe	47.29	
22 11 16 00-0768		Sweat Brass Companion Flanges *(22 11 16 00-0368)*		
22 11 16 00-0769	EA	1" Sweat Brass Companion Flange	52.87	14.95
22 11 16 00-0770	EA	1-1/4" Sweat Brass Companion Flange	57.73	16.48
22 11 16 00-0771	EA	1-1/2" Sweat Brass Companion Flange	82.04	17.91
22 11 16 00-0772	EA	2" Sweat Brass Companion Flange	109.42	19.88
22 11 16 00-0773	EA	2-1/2" Sweat Brass Companion Flange	138.23	23.91
22 11 16 00-0774	EA	3" Sweat Brass Companion Flange	152.99	31.34
22 11 16 00-0775	EA	4" Sweat Brass Companion Flange	203.86	37.35
22 11 16 00-0776	EA	5" Sweat Brass Companion Flange	381.74	43.83
22 11 16 00-0777	EA	6" Sweat Brass Companion Flange	442.09	63.68
22 11 16 00-0778	EA	8" Copper Companion Flange	1,011.40	90.83
22 11 16 00-0779		Brass Compression Fittings *(22 11 16 00-0368)*		
22 11 16 00-0780		Brass Compression Unions *(22 11 16 00-0779)*		
22 11 16 00-0781	EA	1/4" Brass Compression Union	16.63	10.51
22 11 16 00-0782	EA	3/8" Brass Compression Union	16.87	10.51
22 11 16 00-0783	EA	1/2" Brass Compression Union	17.60	10.51
22 11 16 00-0784	EA	5/8" Brass Compression Union	17.95	10.51
22 11 16 00-0785	EA	3/4" Brass Compression Union	22.91	10.51
22 11 16 00-0786	EA	3/8" x 1/4" Brass Compression Union	17.04	10.51
22 11 16 00-0787	EA	1/2" x 3/8" Brass Compression Union	17.66	10.51
22 11 16 00-0788	EA	5/8" x 3/8" Brass Compression Union	18.09	10.51
22 11 16 00-0789	EA	5/8" x 1/2" Brass Compression Union	18.78	10.51
22 11 16 00-0790		Brass Compression Union Elbows *(22 11 16 00-0779)*		
22 11 16 00-0791	EA	1/4" Brass Compression Union Elbow	17.60	10.51
22 11 16 00-0792	EA	3/8" Brass Compression Union Elbow	18.00	10.51
22 11 16 00-0793	EA	1/2" Brass Compression Union Elbow	18.86	10.51
22 11 16 00-0794	EA	5/8" Brass Compression Union Elbow	20.21	10.51
22 11 16 00-0795	EA	3/4" Brass Compression Union Elbow	25.44	10.51
22 11 16 00-0796	EA	3/8" x 1/4" Brass Compression Union Elbow	18.00	10.51
22 11 16 00-0797	EA	1/2" x 3/8" Brass Compression Union Elbow	18.86	10.51
22 11 16 00-0798	EA	5/8" x 3/8" Brass Compression Union Elbow	19.10	10.51
22 11 16 00-0799	EA	5/8" x 1/2" Brass Compression Union Elbow	23.04	10.51
22 11 16 00-0800		Brass Compression Union Tees *(22 11 16 00-0779)*		
22 11 16 00-0801	EA	1/4" Brass Compression Union Tee	17.90	10.51
22 11 16 00-0802	EA	3/8" Brass Compression Union Tee	18.72	10.51
22 11 16 00-0803	EA	1/2" Brass Compression Union Tee	19.58	10.51
22 11 16 00-0804	EA	5/8" Brass Compression Union Tee	22.32	10.51
22 11 16 00-0805	EA	3/4" Brass Compression Union Tee	31.79	10.51
22 11 16 00-0806	EA	3/8" x 3/8" x 1/4" Brass Compression Union Tee	19.29	10.51
22 11 16 00-0807	EA	1/2" x 1/2" x 3/8" Brass Compression Union Tee	23.74	10.51
22 11 16 00-0808	EA	5/8" x 5/8" x 3/8" Brass Compression Union Tee	23.31	10.51
22 11 16 00-0809	EA	5/8" x 5/8" x 1/2" Brass Compression Union Tee	23.81	10.51
22 11 16 00-0810		Brass Compression Male Connectors *(22 11 16 00-0779)*		
22 11 16 00-0811	EA	1/4" Brass Compression Male Connector	16.46	10.51
22 11 16 00-0812	EA	3/8" Brass Compression Male Connector	16.78	10.51
22 11 16 00-0813	EA	1/2" Brass Compression Male Connector	17.32	10.51
22 11 16 00-0814	EA	5/8" Brass Compression Male Connector	18.14	10.51
22 11 16 00-0815	EA	3/4" Brass Compression Male Connector	20.75	10.41
22 11 16 00-0816		Brass Compression Female Connectors *(22 11 16 00-0779)*		
22 11 16 00-0817	EA	1/4" Brass Compression Female Connector	16.80	10.51
22 11 16 00-0818	EA	3/8" Brass Compression Female Connector	17.22	10.51
22 11 16 00-0819	EA	1/2" Brass Compression Female Connector	17.91	10.51
22 11 16 00-0820	EA	5/8" Brass Compression Female Connector	18.38	10.51
22 11 16 00-0821	EA	3/4" Brass Compression Female Connector	25.73	10.31
22 11 16 00-0822		Dielectric Fittings *(22 11 16 00-0368)*		
22 11 16 00-0823		Copper x Female Iron Pipe Thread Dielectric Unions *(22 11 16 00-0822)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0824	EA	1/2" Copper x Female Iron Pipe Thread Dielectric Union	41.37	23.35
22 11 16 00-0825	EA	3/4" Copper x Female Iron Pipe Thread Dielectric Union	46.22	26.66
22 11 16 00-0826	EA	1" Copper x Female Iron Pipe Thread Dielectric Union	54.92	29.29
22 11 16 00-0827	EA	1-1/4" Copper x Female Iron Pipe Thread Dielectric Union	66.44	32.23
22 11 16 00-0828	EA	1-1/2" Copper x Female Iron Pipe Thread Dielectric Union	80.24	35.82
22 11 16 00-0829	EA	2" Copper x Female Iron Pipe Thread Dielectric Union	101.84	42.99
22 11 16 00-0830		**Female Brass Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0822)*		
22 11 16 00-0831	EA	1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	45.38	23.35
22 11 16 00-0832	EA	3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	52.82	26.66
22 11 16 00-0833	EA	1" Female Brass Thread x Iron Pipe Thread Dielectric Union	63.61	29.29
22 11 16 00-0834	EA	1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	77.99	32.23
22 11 16 00-0835	EA	1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	94.52	35.82
22 11 16 00-0836	EA	2" Female Brass Thread x Iron Pipe Thread Dielectric Union	118.59	42.99
22 11 16 00-0837		**Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0822)*		
22 11 16 00-0838	EA	1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	42.84	23.35
22 11 16 00-0839	EA	3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	48.63	26.66
22 11 16 00-0840	EA	1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	55.55	29.29
22 11 16 00-0841	EA	1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	64.21	32.23
22 11 16 00-0842	EA	1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	78.03	35.82
22 11 16 00-0843	EA	2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	100.07	42.99
22 11 16 00-0844		**Copper x Female Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0822)*		
22 11 16 00-0845	EA	2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange	248.10	110.51
22 11 16 00-0846	EA	3" Copper x Female Iron Pipe Thread Dielectric Flange	310.63	139.16
22 11 16 00-0847	EA	4" Copper x Female Iron Pipe Thread Dielectric Flange	437.74	189.40
22 11 16 00-0848		**Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0822)*		
22 11 16 00-0849	EA	2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	249.75	110.51
22 11 16 00-0850	EA	3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	323.76	139.16
22 11 16 00-0851	EA	4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	589.26	189.40
22 11 16 00-0852		**Brass Push-Fit Fittings** *(22 11 16)*		
22 11 16 00-0853	EA	1/4" x 1/4" Brass Push-Fit Coupling Note: (Sharkbite)	19.24	9.72
22 11 16 00-0854	EA	3/8" x 3/8" Brass Push-Fit Coupling Note: (Sharkbite)	23.21	10.38
22 11 16 00-0855	EA	1/2" x 1/2" Brass Push-Fit Coupling Note: (Sharkbite)	24.42	11.68
22 11 16 00-0856	EA	5/8" x 5/8" Brass Push-Fit Coupling Note: (Sharkbite)	27.72	12.45
22 11 16 00-0857	EA	3/4" x 3/4" Brass Push-Fit Coupling Note: (Sharkbite)	28.49	13.30
22 11 16 00-0858	EA	1" x 1" Brass Push-Fit Coupling Note: (Sharkbite)	38.93	15.89
22 11 16 00-0859	EA	1/2" x 3/8" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	23.81	11.02
22 11 16 00-0860	EA	3/4" x 5/8" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	27.28	12.07
22 11 16 00-0861	EA	1" x 3/4" Brass Push-Fit Reducing Coupling Note: (Sharkbite)	39.31	14.59
22 11 16 00-0862	EA	1/4" x 1/4" Brass Push-Fit Elbow Note: (Sharkbite)	19.91	9.72
22 11 16 00-0863	EA	3/8" x 3/8" Brass Push-Fit Elbow Note: (Sharkbite)	26.07	10.38
22 11 16 00-0864	EA	1/2" x 1/2" Brass Push-Fit Elbow Note: (Sharkbite)	24.78	11.68
22 11 16 00-0865	EA	5/8" x 5/8" Brass Push-Fit Elbow Note: (Sharkbite)	29.38	12.45
22 11 16 00-0866	EA	3/4" x 3/4" Brass Push-Fit Elbow Note: (Sharkbite)	28.01	13.30
22 11 16 00-0867	EA	1" x 1" Brass Push-Fit Elbow Note: (Sharkbite)	39.30	15.89
22 11 16 00-0868	EA	1/2" x 3/8" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	23.51	11.02
22 11 16 00-0869	EA	3/4" x 1/2" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	26.10	12.07
22 11 16 00-0870	EA	1" x 3/4" Brass Push-Fit Reducing Elbow Note: (Sharkbite)	47.50	14.59
22 11 16 00-0871	EA	1/4" x 1/4" x 1/4" Brass Push-Fit Tee Note: (Sharkbite)	30.14	14.59
22 11 16 00-0872	EA	3/8" x 3/8" x 3/8" Brass Push-Fit Tee Note: (Sharkbite)	37.02	15.57
22 11 16 00-0873	EA	1/2" x 1/2" x 1/2" Brass Push-Fit Tee Note: (Sharkbite)	35.19	17.51
22 11 16 00-0874	EA	5/8" x 5/8" x 5/8" Brass Push-Fit Tee Note: (Sharkbite)	43.36	18.68
22 11 16 00-0875	EA	3/4" x 3/4" x 3/4" Brass Push-Fit Tee Note: (Sharkbite)	40.86	19.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0876	EA	1" x 1" x 1" Brass Push-Fit Tee Note: (Sharkbite)	54.49	23.83
22 11 16 00-0877	EA	1/2" x 1/2" x 1/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	38.26	16.54
22 11 16 00-0878	EA	1/2" x 1/2" x 3/8" Brass Push-Fit Reducing Tee Note: (Sharkbite)	38.56	16.87
22 11 16 00-0879	EA	3/4" x 3/4" x 1/2" Brass Push-Fit Reducing Tee Note: (Sharkbite)	39.40	19.14
22 11 16 00-0880	EA	1" x 1" x 3/4" Brass Push-Fit Reducing Tee Note: (Sharkbite)	52.64	22.55
22 11 16 00-0881	EA	1/4" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	22.55	10.70
22 11 16 00-0882	EA	3/8" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	22.47	11.02
22 11 16 00-0883	EA	1/2" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	22.51	11.68
22 11 16 00-0884	EA	3/4" x 3/4" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	25.75	13.30
22 11 16 00-0885	EA	1" x 1" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	35.08	15.89
22 11 16 00-0886	EA	1/4" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	20.26	10.70
22 11 16 00-0887	EA	3/8" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	22.47	11.02
22 11 16 00-0888	EA	1/2" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	22.56	11.68
22 11 16 00-0889	EA	3/4" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	25.54	13.30
22 11 16 00-0890	EA	5/8" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	27.13	12.87
22 11 16 00-0891	EA	1" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	32.22	14.59
22 11 16 00-0892	EA	1" x 1" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	35.51	15.89
22 11 16 00-0893	EA	1/2" Brass Push-Fit Ball Valve Note: (Sharkbite)	30.46	11.68
22 11 16 00-0894	EA	3/4" Brass Push-Fit Ball Valve Note: (Sharkbite)	35.47	13.30
22 11 16 00-0895	EA	1" Brass Push-Fit Ball Valve Note: (Sharkbite)	46.19	15.89
22 11 16 00-0896	EA	1/2" Brass Push-Fit Check Valve Note: (Sharkbite)	32.30	11.68
22 11 16 00-0897	EA	3/4" Brass Push-Fit Check Valve Note: (Sharkbite)	38.58	13.30
22 11 16 00-0898	EA	1" Brass Push-Fit Check Valve Note: (Sharkbite)	62.40	15.89

22 11 16 00-0899 Copper Pipe Assemblies *(22 11 16)*

Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.

22 11 16 00-0900	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	18.51	2.73
		For Type K Tubing Instead Of Type L, Add	*1.18*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.69*	
		For Work In Restricted Working Space, Add	*4.57*	
22 11 16 00-0901	LF	3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	21.12	3.50
		For Type K Tubing Instead Of Type L, Add	*1.36*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.15*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.92*	
		For Work In Restricted Working Space, Add	*5.18*	
22 11 16 00-0902	LF	1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	22.98	4.18
		For Type K Tubing Instead Of Type L, Add	*1.58*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.31*	
		For Silver Solder Instead Of 95/5 Solder, Add	*2.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.05*	
		For Work In Restricted Working Space, Add	*5.42*	
22 11 16 00-0903	LF	1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	25.55	4.87
		For Type K Tubing Instead Of Type L, Add	*1.93*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.56*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.22*	
		For Work In Restricted Working Space, Add	*5.63*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-0.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0904	LF	1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	28.14	5.54
		For Type K Tubing Instead Of Type L, Add	*2.22*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.78*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.41*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.41*	
		For Work In Restricted Working Space, Add	*6.01*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-0.81*	
22 11 16 00-0905	LF	2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	34.80	6.91
		For Type K Tubing Instead Of Type L, Add	*2.97*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.33*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.05*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.89*	
		For Work In Restricted Working Space, Add	*6.92*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.18*	
22 11 16 00-0906	LF	2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	42.16	8.33
		For Type K Tubing Instead Of Type L, Add	*4.03*	
		For Type M Tubing Instead Of Type L, Deduct	*-3.08*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.58*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.34*	
		For Work In Restricted Working Space, Add	*7.41*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.75*	
22 11 16 00-0907	LF	3" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	50.77	9.67
		For Type K Tubing Instead Of Type L, Add	*5.26*	
		For Type M Tubing Instead Of Type L, Deduct	*-3.95*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.88*	
		For Work In Restricted Working Space, Add	*8.03*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-2.40*	
22 11 16 00-0908	LF	4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	77.66	12.81
		For Type K Tubing Instead Of Type L, Add	*8.89*	
		For Type M Tubing Instead Of Type L, Deduct	*-6.55*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.61*	
		For Work In Restricted Working Space, Add	*10.38*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-4.31*	
22 11 16 00-0909	LF	5" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	139.33	15.94
		For Type K Tubing Instead Of Type L, Add	*18.33*	
		For Type M Tubing Instead Of Type L, Deduct	*-13.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*11.41*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.19*	
		For Work In Restricted Working Space, Add	*13.33*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-9.49*	
22 11 16 00-0910	LF	6" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	181.78	19.26
		For Type K Tubing Instead Of Type L, Add	*24.12*	
		For Type M Tubing Instead Of Type L, Deduct	*-17.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*14.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.91*	
		For Work In Restricted Working Space, Add	*16.92*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-12.54*	
22 11 16 00-0911	LF	8" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	407.56	23.02
		For Type K Tubing Instead Of Type L, Add	*61.66*	
		For Type M Tubing Instead Of Type L, Deduct	*-43.30*	
		For Silver Solder Instead Of 95/5 Solder, Add	*27.39*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-23.88*	
		For Work In Restricted Working Space, Add	*21.03*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-33.75*	

22 11 16 00-0912 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16)*
Note: Socket weld.

22 11 16 00-0913 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16 00-0912)*

22 11 16 00-0914 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe *(22 11 16 00-0913)*

22 11 16 00-0915	LF	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	5.32	1.43
		For Work In Restricted Working Space, Add	*1.07*	
22 11 16 00-0916	LF	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	6.15	1.51
		For Work In Restricted Working Space, Add	*1.13*	
22 11 16 00-0917	LF	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	7.54	1.62
		For Work In Restricted Working Space, Add	*1.21*	
22 11 16 00-0918	LF	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	9.27	1.76
		For Work In Restricted Working Space, Add	*1.33*	
22 11 16 00-0919	LF	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	10.75	1.95
		For Work In Restricted Working Space, Add	*1.47*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0920	LF	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	13.57	2.18
		For Work In Restricted Working Space, Add	*1.64*	
22 11 16 00-0921	LF	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	18.62	2.49
		For Work In Restricted Working Space, Add	*1.86*	
22 11 16 00-0922	LF	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	23.91	2.94
		For Work In Restricted Working Space, Add	*2.20*	
22 11 16 00-0923	LF	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	33.34	3.61
		For Work In Restricted Working Space, Add	*2.71*	
22 11 16 00-0924	LF	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	58.52	4.59
		For Work In Restricted Working Space, Add	*3.44*	
22 11 16 00-0925	LF	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	84.43	6.02
		For Work In Restricted Working Space, Add	*4.51*	

22 11 16 00-0926 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows *(22 11 16 00-0913)*

22 11 16 00-0927	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	19.74	6.80
		For Work In Restricted Working Space, Add	*5.10*	
22 11 16 00-0928	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	25.73	8.60
		For Work In Restricted Working Space, Add	*6.45*	
22 11 16 00-0929	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	33.66	10.74
		For Work In Restricted Working Space, Add	*8.09*	
22 11 16 00-0930	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	46.59	13.43
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-0931	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	51.83	14.87
		For Work In Restricted Working Space, Add	*11.18*	
22 11 16 00-0932	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	61.21	14.87
		For Work In Restricted Working Space, Add	*12.47*	
22 11 16 00-0933	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	98.50	18.89
		For Work In Restricted Working Space, Add	*14.19*	
22 11 16 00-0934	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	111.52	22.39
		For Work In Restricted Working Space, Add	*16.76*	
22 11 16 00-0935	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	161.57	27.50
		For Work In Restricted Working Space, Add	*20.63*	
22 11 16 00-0936	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	203.71	34.92
		For Work In Restricted Working Space, Add	*26.22*	
22 11 16 00-0937	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	399.28	45.85
		For Work In Restricted Working Space, Add	*34.39*	

22 11 16 00-0938 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows *(22 11 16 00-0913)*

22 11 16 00-0939	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	21.10	6.80
		For Work In Restricted Working Space, Add	*5.10*	
22 11 16 00-0940	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	27.36	8.60
		For Work In Restricted Working Space, Add	*6.45*	
22 11 16 00-0941	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	36.31	10.74
		For Work In Restricted Working Space, Add	*8.09*	
22 11 16 00-0942	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	50.07	13.43
		For Work In Restricted Working Space, Add	*10.10*	
22 11 16 00-0943	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	56.08	14.87
		For Work In Restricted Working Space, Add	*11.18*	
22 11 16 00-0944	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	62.65	16.66
		For Work In Restricted Working Space, Add	*12.47*	
22 11 16 00-0945	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	99.41	18.89
		For Work In Restricted Working Space, Add	*14.19*	
22 11 16 00-0946	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	111.40	22.39
		For Work In Restricted Working Space, Add	*16.76*	
22 11 16 00-0947	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	144.95	27.50
		For Work In Restricted Working Space, Add	*20.63*	
22 11 16 00-0948	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	234.88	34.92
		For Work In Restricted Working Space, Add	*26.22*	
22 11 16 00-0949	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	421.37	45.85
		For Work In Restricted Working Space, Add	*34.39*	

22 11 16 00-0950 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees *(22 11 16 00-0913)*

22 11 16 00-0951	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	30.48	10.21
		For Work In Restricted Working Space, Add	*7.66*	
22 11 16 00-0952	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	40.15	12.90
		For Work In Restricted Working Space, Add	*9.67*	
22 11 16 00-0953	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	50.21	16.21
		For Work In Restricted Working Space, Add	*12.14*	
22 11 16 00-0954	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	71.03	20.24
		For Work In Restricted Working Space, Add	*15.15*	
22 11 16 00-0955	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	79.40	22.39
		For Work In Restricted Working Space, Add	*16.76*	
22 11 16 00-0956	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	97.41	24.90
		For Work In Restricted Working Space, Add	*18.70*	
22 11 16 00-0957	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	128.57	28.39
		For Work In Restricted Working Space, Add	*21.28*	
22 11 16 00-0958	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	146.53	33.49
		For Work In Restricted Working Space, Add	*25.15*	
22 11 16 00-0959	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	177.24	41.28
		For Work In Restricted Working Space, Add	*30.95*	
22 11 16 00-0960	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	275.86	52.48
		For Work In Restricted Working Space, Add	*39.33*	
22 11 16 00-0961	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	586.36	68.78
		For Work In Restricted Working Space, Add	*51.58*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 16 00-0962 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses *(22 11 16 00-0913)*

22 11 16 00-0963	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	38.30	13.61
		For Work In Restricted Working Space, Add	*10.21*	
22 11 16 00-0964	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	49.81	17.19
		For Work In Restricted Working Space, Add	*12.90*	
22 11 16 00-0965	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	62.30	21.58
		For Work In Restricted Working Space, Add	*16.17*	
22 11 16 00-0966	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	85.03	26.95
		For Work In Restricted Working Space, Add	*20.21*	
22 11 16 00-0967	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	94.77	29.82
		For Work In Restricted Working Space, Add	*22.35*	
22 11 16 00-0968	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	113.32	33.22
		For Work In Restricted Working Space, Add	*24.93*	
22 11 16 00-0969	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	144.21	37.79
		For Work In Restricted Working Space, Add	*28.37*	
22 11 16 00-0970	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	165.77	44.69
		For Work In Restricted Working Space, Add	*33.53*	
22 11 16 00-0971	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	201.36	54.98
		For Work In Restricted Working Space, Add	*41.27*	
22 11 16 00-0972	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	299.48	69.94
		For Work In Restricted Working Space, Add	*52.44*	
22 11 16 00-0973	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	586.20	91.70
		For Work In Restricted Working Space, Add	*68.78*	

22 11 16 00-0974 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts *(22 11 16 00-0913)*

22 11 16 00-0975	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	17.40	6.27
		For Work In Restricted Working Space, Add	*4.73*	
22 11 16 00-0976	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	24.41	8.51
		For Work In Restricted Working Space, Add	*6.37*	
22 11 16 00-0977	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	42.30	11.11
		For Work In Restricted Working Space, Add	*8.33*	
22 11 16 00-0978	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	47.88	12.26
		For Work In Restricted Working Space, Add	*9.22*	
22 11 16 00-0979	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	56.84	13.70
		For Work In Restricted Working Space, Add	*10.29*	
22 11 16 00-0980	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	61.59	15.58
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-0981	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	74.98	18.45
		For Work In Restricted Working Space, Add	*13.84*	
22 11 16 00-0982	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	103.02	22.66
		For Work In Restricted Working Space, Add	*17.03*	
22 11 16 00-0983	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	170.60	28.83
		For Work In Restricted Working Space, Add	*21.63*	
22 11 16 00-0984	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	390.97	37.79
		For Work In Restricted Working Space, Add	*28.37*	

22 11 16 00-0985 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts *(22 11 16 00-0913)*

22 11 16 00-0986	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	21.88	4.48
		For Work In Restricted Working Space, Add	*3.36*	
22 11 16 00-0987	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	27.28	6.27
		For Work In Restricted Working Space, Add	*4.73*	
22 11 16 00-0988	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	33.58	8.51
		For Work In Restricted Working Space, Add	*6.37*	
22 11 16 00-0989	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	41.51	11.11
		For Work In Restricted Working Space, Add	*8.33*	
22 11 16 00-0990	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	49.05	12.26
		For Work In Restricted Working Space, Add	*9.22*	
22 11 16 00-0991	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	62.67	13.70
		For Work In Restricted Working Space, Add	*10.29*	
22 11 16 00-0992	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	99.69	15.58
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-0993	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	204.51	18.45
		For Work In Restricted Working Space, Add	*13.84*	
22 11 16 00-0994	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	306.40	22.66
		For Work In Restricted Working Space, Add	*17.03*	

22 11 16 00-0995 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters *(22 11 16 00-0913)*

22 11 16 00-0996	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	15.29	4.48
		For Work In Restricted Working Space, Add	*3.36*	
22 11 16 00-0997	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	21.30	6.27
		For Work In Restricted Working Space, Add	*4.73*	
22 11 16 00-0998	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	30.55	8.51
		For Work In Restricted Working Space, Add	*6.37*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0999	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	41.51	11.11
		For Work In Restricted Working Space, Add	*8.33*	
22 11 16 00-1000	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	49.32	12.26
		For Work In Restricted Working Space, Add	*9.22*	
22 11 16 00-1001	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	59.45	13.70
		For Work In Restricted Working Space, Add	*10.29*	
22 11 16 00-1002	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	86.66	15.58
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-1003	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	103.69	18.45
		For Work In Restricted Working Space, Add	*13.84*	
22 11 16 00-1004	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	154.11	22.66
		For Work In Restricted Working Space, Add	*17.03*	

22 11 16 00-1005 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters *(22 11 16 00-0913)*

22 11 16 00-1006	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	16.85	4.48
		For Work In Restricted Working Space, Add	*3.36*	
22 11 16 00-1007	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	21.79	6.27
		For Work In Restricted Working Space, Add	*4.73*	
22 11 16 00-1008	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	30.68	8.51
		For Work In Restricted Working Space, Add	*6.37*	
22 11 16 00-1009	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	41.96	11.11
		For Work In Restricted Working Space, Add	*8.33*	
22 11 16 00-1010	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	47.23	12.26
		For Work In Restricted Working Space, Add	*9.22*	
22 11 16 00-1011	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	57.75	13.70
		For Work In Restricted Working Space, Add	*10.29*	
22 11 16 00-1012	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	87.65	15.58
		For Work In Restricted Working Space, Add	*11.72*	
22 11 16 00-1013	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	120.88	18.45
		For Work In Restricted Working Space, Add	*13.84*	
22 11 16 00-1014	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	183.35	22.66
		For Work In Restricted Working Space, Add	*17.03*	

22 11 16 00-1015 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 11 16 00-0913)*

22 11 16 00-1016	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	13.69	4.11
		For Work In Restricted Working Space, Add	*3.06*	
22 11 16 00-1017	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	19.25	5.73
		For Work In Restricted Working Space, Add	*4.30*	
22 11 16 00-1018	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	25.89	7.70
		For Work In Restricted Working Space, Add	*5.78*	
22 11 16 00-1019	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	35.14	10.12
		For Work In Restricted Working Space, Add	*7.58*	
22 11 16 00-1020	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	40.40	11.20
		For Work In Restricted Working Space, Add	*8.38*	
22 11 16 00-1021	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	45.64	12.45
		For Work In Restricted Working Space, Add	*9.35*	
22 11 16 00-1022	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	70.15	14.15
		For Work In Restricted Working Space, Add	*10.64*	
22 11 16 00-1023	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	76.95	16.75
		For Work In Restricted Working Space, Add	*12.57*	
22 11 16 00-1024	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	97.48	20.59
		For Work In Restricted Working Space, Add	*15.47*	
22 11 16 00-1025	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	156.12	26.24
		For Work In Restricted Working Space, Add	*19.67*	
22 11 16 00-1026	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	269.47	34.39
		For Work In Restricted Working Space, Add	*25.79*	

22 11 16 00-1027 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions *(22 11 16 00-0913)*

22 11 16 00-1028	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	27.11	4.93
		For Work In Restricted Working Space, Add	*3.68*	
22 11 16 00-1029	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	32.76	6.89
		For Work In Restricted Working Space, Add	*5.16*	
22 11 16 00-1030	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	39.16	9.23
		For Work In Restricted Working Space, Add	*6.93*	
22 11 16 00-1031	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	68.03	12.09
		For Work In Restricted Working Space, Add	*9.08*	
22 11 16 00-1032	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	71.93	13.43
		For Work In Restricted Working Space, Add	*10.05*	
22 11 16 00-1033	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	101.22	14.95
		For Work In Restricted Working Space, Add	*11.23*	
22 11 16 00-1034	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	174.80	17.01
		For Work In Restricted Working Space, Add	*12.76*	
22 11 16 00-1035	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	250.18	20.15
		For Work In Restricted Working Space, Add	*15.10*	
22 11 16 00-1036	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	401.65	24.72
		For Work In Restricted Working Space, Add	*18.56*	
22 11 16 00-1037	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	537.50	31.43
		For Work In Restricted Working Space, Add	*23.59*	
22 11 16 00-1038	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	663.70	41.28
		For Work In Restricted Working Space, Add	*30.95*	

22 11 16 00-1039 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps *(22 11 16 00-0913)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1040	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	8.89	1.35
		For Work In Restricted Working Space, Add	*1.02*	
22 11 16 00-1041	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	14.96	2.87
		For Work In Restricted Working Space, Add	*2.15*	
22 11 16 00-1042	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	25.34	4.66
		For Work In Restricted Working Space, Add	*3.47*	
22 11 16 00-1043	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	27.74	5.01
		For Work In Restricted Working Space, Add	*3.79*	
22 11 16 00-1044	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	29.39	5.55
		For Work In Restricted Working Space, Add	*4.19*	
22 11 16 00-1045	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	40.40	6.27
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1046	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	62.42	7.07
		For Work In Restricted Working Space, Add	*5.32*	
22 11 16 00-1047	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	66.68	8.42
		For Work In Restricted Working Space, Add	*6.29*	
22 11 16 00-1048	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	102.91	10.30
		For Work In Restricted Working Space, Add	*7.74*	
22 11 16 00-1049	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	224.65	13.08
		For Work In Restricted Working Space, Add	*9.83*	
22 11 16 00-1050	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	289.36	17.19
		For Work In Restricted Working Space, Add	*12.90*	

22 11 16 00-1051 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges *(22 11 16 00-0913)*

22 11 16 00-1052	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	21.41	3.22
		For Work In Restricted Working Space, Add	*2.45*	
22 11 16 00-1053	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	25.66	4.57
		For Work In Restricted Working Space, Add	*3.44*	
22 11 16 00-1054	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	31.23	6.18
		For Work In Restricted Working Space, Add	*4.62*	
22 11 16 00-1055	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	36.53	8.06
		For Work In Restricted Working Space, Add	*6.07*	
22 11 16 00-1056	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	39.05	8.95
		For Work In Restricted Working Space, Add	*6.72*	
22 11 16 00-1057	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	47.06	9.94
		For Work In Restricted Working Space, Add	*7.47*	
22 11 16 00-1058	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	62.98	11.37
		For Work In Restricted Working Space, Add	*8.52*	
22 11 16 00-1059	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	71.21	13.43
		For Work In Restricted Working Space, Add	*10.05*	
22 11 16 00-1060	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	89.08	16.48
		For Work In Restricted Working Space, Add	*12.38*	
22 11 16 00-1061	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	127.62	20.96
		For Work In Restricted Working Space, Add	*15.74*	
22 11 16 00-1062	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	238.31	27.50
		For Work In Restricted Working Space, Add	*20.63*	

22 11 16 00-1063 Red Brass Pipe And Fittings *(22 11 16)*

Note: ASTM B43 And B251 (Pipe), ASME B16.15.

22 11 16 00-1064 Schedule 40 Red Brass Pipe *(22 11 16 00-1063)*

22 11 16 00-1065	LF	1/2" Schedule 40 Red Brass Pipe	13.28	1.88
22 11 16 00-1066	LF	3/4" Schedule 40 Red Brass Pipe	16.92	1.88
22 11 16 00-1067	LF	1" Schedule 40 Red Brass Pipe	22.33	1.88
22 11 16 00-1068	LF	1-1/4" Schedule 40 Red Brass Pipe	31.97	2.06
22 11 16 00-1069	LF	1-1/2" Schedule 40 Red Brass Pipe	36.63	2.24
22 11 16 00-1070	LF	2" Schedule 40 Red Brass Pipe	46.74	2.69
22 11 16 00-1071	LF	2-1/2" Schedule 40 Red Brass Pipe	67.04	3.05
22 11 16 00-1072	LF	3" Schedule 40 Red Brass Pipe	93.56	3.22
22 11 16 00-1073	LF	4" Schedule 40 Red Brass Pipe	132.99	3.22

22 11 16 00-1074 125 LB Cast Bronze, Screwed, 90 Degree Elbows *(22 11 16 00-1063)*

22 11 16 00-1075	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	50.75	22.29
22 11 16 00-1076	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	57.27	24.54
22 11 16 00-1077	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	71.34	29.02
22 11 16 00-1078	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	84.06	31.17
22 11 16 00-1079	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	93.66	33.40
22 11 16 00-1080	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	114.58	35.65
22 11 16 00-1081	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	189.10	44.60
22 11 16 00-1082	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	259.63	53.46
22 11 16 00-1083	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	451.69	71.28

22 11 16 00-1084 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbows *(22 11 16 00-1063)*

22 11 16 00-1085	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	52.81	22.29
22 11 16 00-1086	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	60.27	24.54
22 11 16 00-1087	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	77.62	29.02
22 11 16 00-1088	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	92.29	31.17
22 11 16 00-1089	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	104.98	33.40
22 11 16 00-1090	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	139.31	35.65
22 11 16 00-1091	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	209.70	44.60
22 11 16 00-1092	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	322.94	53.46
22 11 16 00-1093	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	630.86	71.28

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1094		**125 LB Cast Bronze, Screwed, 45 Degree Elbows** *(22 11 16 00-1063)*		
22 11 16 00-1095	EA	1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	51.80	22.29
22 11 16 00-1096	EA	3/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	59.32	24.54
22 11 16 00-1097	EA	1" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	75.47	29.02
22 11 16 00-1098	EA	1-1/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	90.24	31.17
22 11 16 00-1099	EA	1-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	101.88	33.40
22 11 16 00-1100	EA	2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	127.97	35.65
22 11 16 00-1101	EA	2-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	197.31	44.60
22 11 16 00-1102	EA	3" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	273.69	53.46
22 11 16 00-1103	EA	4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	589.23	71.28
22 11 16 00-1104		**125 LB Cast Bronze, Screwed, Tees** *(22 11 16 00-1063)*		
22 11 16 00-1105	EA	1/2" 125 LB Cast Bronze, Screwed, Tee	74.08	33.40
22 11 16 00-1106	EA	3/4" 125 LB Cast Bronze, Screwed, Tee	83.38	36.54
22 11 16 00-1107	EA	1" 125 LB Cast Bronze, Screwed, Tee	105.02	43.25
22 11 16 00-1108	EA	1-1/4" 125 LB Cast Bronze, Screwed, Tee	125.54	46.83
22 11 16 00-1109	EA	1-1/2" 125 LB Cast Bronze, Screwed, Tee	135.89	49.88
22 11 16 00-1110	EA	2" 125 LB Cast Bronze, Screwed, Tee	166.73	53.46
22 11 16 00-1111	EA	2-1/2" 125 LB Cast Bronze, Screwed, Tee	269.71	66.89
22 11 16 00-1112	EA	3" 125 LB Cast Bronze, Screwed, Tee	368.35	80.23
22 11 16 00-1113	EA	4" 125 LB Cast Bronze, Screwed, Tee	729.04	106.93
22 11 16 00-1114		**125 LB Cast Bronze, Screwed, Reducing Tees** *(22 11 16 00-1063)*		
22 11 16 00-1115	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	77.16	33.40
22 11 16 00-1116	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing Tee	85.46	36.54
22 11 16 00-1117	EA	1" 125 LB Cast Bronze, Screwed, Reducing Tee	113.27	43.25
22 11 16 00-1118	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing Tee	131.72	46.83
22 11 16 00-1119	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	152.38	49.88
22 11 16 00-1120	EA	2" 125 LB Cast Bronze, Screwed, Reducing Tee	192.48	53.46
22 11 16 00-1121	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	319.79	66.89
22 11 16 00-1122	EA	3" 125 LB Cast Bronze, Screwed, Reducing Tee	586.02	80.23
22 11 16 00-1123	EA	4" 125 LB Cast Bronze, Screwed, Reducing Tee	900.74	106.93
22 11 16 00-1124		**125 LB Cast Bronze, Screwed, Crosses** *(22 11 16 00-1063)*		
22 11 16 00-1125	EA	1/2" 125 LB Cast Bronze, Screwed, Cross	103.58	44.60
22 11 16 00-1126	EA	3/4" 125 LB Cast Bronze, Screwed, Cross	118.66	48.99
22 11 16 00-1127	EA	1" 125 LB Cast Bronze, Screwed, Cross	147.83	57.94
22 11 16 00-1128	EA	1-1/4" 125 LB Cast Bronze, Screwed, Cross	178.84	62.42
22 11 16 00-1129	EA	1-1/2" 125 LB Cast Bronze, Screwed, Cross	208.16	66.89
22 11 16 00-1130	EA	2" 125 LB Cast Bronze, Screwed, Cross	291.49	71.28
22 11 16 00-1131	EA	2-1/2" 125 LB Cast Bronze, Screwed, Cross	459.92	89.11
22 11 16 00-1132	EA	3" 125 LB Cast Bronze, Screwed, Cross	627.06	106.93
22 11 16 00-1133	EA	4" 125 LB Cast Bronze, Screwed, Cross	1,130.17	142.65
22 11 16 00-1134		**125 LB Cast Bronze, Screwed, Caps** *(22 11 16 00-1063)*		
22 11 16 00-1135	EA	1/2" 125 LB Cast Bronze, Screwed, Cap	39.77	17.82
22 11 16 00-1136	EA	3/4" 125 LB Cast Bronze, Screwed, Cap	45.27	20.06
22 11 16 00-1137	EA	1" 125 LB Cast Bronze, Screwed, Cap	55.71	23.19
22 11 16 00-1138	EA	1-1/4" 125 LB Cast Bronze, Screwed, Cap	67.29	25.43
22 11 16 00-1139	EA	1-1/2" 125 LB Cast Bronze, Screwed, Cap	76.04	27.22
22 11 16 00-1140	EA	2" 125 LB Cast Bronze, Screwed, Cap	95.04	29.02
22 11 16 00-1141	EA	2-1/2" 125 LB Cast Bronze, Screwed, Cap	139.29	35.65
22 11 16 00-1142	EA	3" 125 LB Cast Bronze, Screwed, Cap	194.25	44.60
22 11 16 00-1143	EA	4" 125 LB Cast Bronze, Screwed, Cap	316.32	57.94
22 11 16 00-1144		**125 LB Cast Bronze, Screwed, Couplings** *(22 11 16 00-1063)*		
22 11 16 00-1145	EA	1/2" 125 LB Cast Bronze, Screwed, Coupling	49.73	22.29
22 11 16 00-1146	EA	3/4" 125 LB Cast Bronze, Screwed, Coupling	56.26	24.54
22 11 16 00-1147	EA	1" 125 LB Cast Bronze, Screwed, Coupling	70.31	29.02
22 11 16 00-1148	EA	1-1/4" 125 LB Cast Bronze, Screwed, Coupling	83.01	31.17
22 11 16 00-1149	EA	1-1/2" 125 LB Cast Bronze, Screwed, Coupling	93.66	33.40
22 11 16 00-1150	EA	2" 125 LB Cast Bronze, Screwed, Coupling	115.61	35.65
22 11 16 00-1151	EA	2-1/2" 125 LB Cast Bronze, Screwed, Coupling	161.27	44.60
22 11 16 00-1152	EA	3" 125 LB Cast Bronze, Screwed, Coupling	206.93	53.46
22 11 16 00-1153	EA	4" 125 LB Cast Bronze, Screwed, Coupling	348.66	71.28
22 11 16 00-1154		**125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducers** *(22 11 16 00-1063)*		
22 11 16 00-1155	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	43.21	17.82
22 11 16 00-1156	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	49.24	20.06
22 11 16 00-1157	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	66.64	26.77
22 11 16 00-1158	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	78.49	29.02
22 11 16 00-1159	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	88.29	31.17
22 11 16 00-1160	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	105.14	33.40
22 11 16 00-1161	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	150.83	42.36
22 11 16 00-1162	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	182.09	48.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1163	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	308.96	64.66
22 11 16 00-1164		**125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducers** *(22 11 16 00-1063)*		
22 11 16 00-1165	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	44.07	17.82
22 11 16 00-1166	EA	1" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	76.70	24.54
22 11 16 00-1167	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	98.59	26.77
22 11 16 00-1168	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	114.55	29.02
22 11 16 00-1169	EA	2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	150.84	33.40
22 11 16 00-1170	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	228.74	42.36
22 11 16 00-1171	EA	3" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	273.90	44.60
22 11 16 00-1172	EA	4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	313.71	57.94
22 11 16 00-1173		**125 LB Cast Bronze, Screwed, Unions** *(22 11 16 00-1063)*		
22 11 16 00-1174	EA	1/2" 125 LB Cast Bronze, Screwed, Union	52.14	17.82
22 11 16 00-1175	EA	3/4" 125 LB Cast Bronze, Screwed, Union	61.88	19.61
22 11 16 00-1176	EA	1" 125 LB Cast Bronze, Screwed, Union	76.24	23.19
22 11 16 00-1177	EA	1-1/4" 125 LB Cast Bronze, Screwed, Union	93.18	24.98
22 11 16 00-1178	EA	1-1/2" 125 LB Cast Bronze, Screwed, Union	105.01	26.77
22 11 16 00-1179	EA	2" 125 LB Cast Bronze, Screwed, Union	123.57	30.27
22 11 16 00-1180		**125 LB Cast Bronze, Screwed, Companion Flanges** *(22 11 16 00-1063)*		
22 11 16 00-1181	EA	1/2" 125 LB Cast Bronze, Screwed, Companion Flange	135.90	22.29
22 11 16 00-1182	EA	3/4" 125 LB Cast Bronze, Screwed, Companion Flange	149.02	26.77
22 11 16 00-1183	EA	1" 125 LB Cast Bronze, Screwed, Companion Flange	171.03	31.17
22 11 16 00-1184	EA	1-1/4" 125 LB Cast Bronze, Screwed, Companion Flange	194.23	33.40
22 11 16 00-1185	EA	1-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	228.64	35.65
22 11 16 00-1186	EA	2" 125 LB Cast Bronze, Screwed, Companion Flange	285.58	37.88
22 11 16 00-1187	EA	2-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	358.87	44.60
22 11 16 00-1188	EA	3" 125 LB Cast Bronze, Screwed, Companion Flange	444.84	55.70
22 11 16 00-1189	EA	4" 125 LB Cast Bronze, Screwed, Companion Flange	633.63	78.00
22 11 16 00-1190		**125 LB Cast Bronze, Screwed, Square Head Plugs** *(22 11 16 00-1063)*		
22 11 16 00-1191	EA	1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	14.46	
22 11 16 00-1192	EA	3/4" 125 LB Cast Bronze, Screwed, Square Head Plug	14.69	
22 11 16 00-1193	EA	1" 125 LB Cast Bronze, Screwed, Square Head Plug	22.57	
22 11 16 00-1194	EA	1-1/4" 125 LB Cast Bronze, Screwed, Square Head Plug	25.69	
22 11 16 00-1195	EA	1-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	28.89	
22 11 16 00-1196	EA	2" 125 LB Cast Bronze, Screwed, Square Head Plug	42.95	
22 11 16 00-1197	EA	2-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	64.07	
22 11 16 00-1198	EA	3" 125 LB Cast Bronze, Screwed, Square Head Plug	92.75	
22 11 16 00-1199	EA	4" 125 LB Cast Bronze, Screwed, Square Head Plug	153.20	
22 11 16 00-1200		**125 LB Cast Bronze, Screwed, Counter Sunk Plugs** *(22 11 16 00-1063)*		
22 11 16 00-1201	EA	1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	5.16	
22 11 16 00-1202	EA	3/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	6.18	
22 11 16 00-1203	EA	1" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	9.29	
22 11 16 00-1204	EA	1-1/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	14.44	
22 11 16 00-1205	EA	1-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	22.86	
22 11 16 00-1206	EA	2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	35.42	
22 11 16 00-1207	EA	2-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	68.95	
22 11 16 00-1208	EA	3" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	111.66	
22 11 16 00-1209	EA	4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	272.33	
22 11 16 00-1210		**125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushings** *(22 11 16 00-1063)*		
22 11 16 00-1211	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	4.11	
22 11 16 00-1212	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	5.16	
22 11 16 00-1213	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	7.23	
22 11 16 00-1214	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	12.37	
22 11 16 00-1215	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	17.53	
22 11 16 00-1216	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	21.66	
22 11 16 00-1217	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	54.61	
22 11 16 00-1218	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	80.38	
22 11 16 00-1219	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	176.07	
22 11 16 00-1220		**125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushings** *(22 11 16 00-1063)*		
22 11 16 00-1221	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	7.23	
22 11 16 00-1222	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	10.29	
22 11 16 00-1223	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	17.94	
22 11 16 00-1224	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	24.36	
22 11 16 00-1225	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	30.46	
22 11 16 00-1226	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	38.37	
22 11 16 00-1227	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	78.35	
22 11 16 00-1228	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	123.97	
22 11 16 00-1229	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	260.50	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1230		1/2" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1231	EA	1/2" x Close, Red Brass Pipe Nipple	7.09	
22 11 16 00-1232	EA	1/2" x 1-1/2" Long, Red Brass Pipe Nipple	8.31	
22 11 16 00-1233	EA	1/2" x 2" Long, Red Brass Pipe Nipple	10.17	
22 11 16 00-1234	EA	1/2" x 2-1/2" Long, Red Brass Pipe Nipple	12.09	
22 11 16 00-1235	EA	1/2" x 3" Long, Red Brass Pipe Nipple	14.00	
22 11 16 00-1236	EA	1/2" x 3-1/2" Long, Red Brass Pipe Nipple	16.52	
22 11 16 00-1237	EA	1/2" x 4" Long, Red Brass Pipe Nipple	18.53	
22 11 16 00-1238	EA	1/2" x 4-1/2" Long, Red Brass Pipe Nipple	20.35	
22 11 16 00-1239	EA	1/2" x 5" Long, Red Brass Pipe Nipple	22.26	
22 11 16 00-1240	EA	1/2" x 5-1/2" Long, Red Brass Pipe Nipple	24.36	
22 11 16 00-1241	EA	1/2" x 6" Long, Red Brass Pipe Nipple	26.23	
22 11 16 00-1242		3/4" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1243	EA	3/4" x Close, Red Brass Pipe Nipple	10.36	
22 11 16 00-1244	EA	3/4" x 1-1/2" Long, Red Brass Pipe Nipple	10.92	
22 11 16 00-1245	EA	3/4" x 2" Long, Red Brass Pipe Nipple	13.21	
22 11 16 00-1246	EA	3/4" x 2-1/2" Long, Red Brass Pipe Nipple	15.54	
22 11 16 00-1247	EA	3/4" x 3" Long, Red Brass Pipe Nipple	17.64	
22 11 16 00-1248	EA	3/4" x 3-1/2" Long, Red Brass Pipe Nipple	20.25	
22 11 16 00-1249	EA	3/4" x 4" Long, Red Brass Pipe Nipple	22.77	
22 11 16 00-1250	EA	3/4" x 4-1/2" Long, Red Brass Pipe Nipple	25.58	
22 11 16 00-1251	EA	3/4" x 5" Long, Red Brass Pipe Nipple	27.91	
22 11 16 00-1252	EA	3/4" x 5-1/2" Long, Red Brass Pipe Nipple	32.16	
22 11 16 00-1253	EA	3/4" x 6" Long, Red Brass Pipe Nipple	33.79	
22 11 16 00-1254		1" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1255	EA	1" x Close, Red Brass Pipe Nipple	15.77	
22 11 16 00-1256	EA	1" x 1-1/2" Long, Red Brass Pipe Nipple	17.36	
22 11 16 00-1257	EA	1" x 2" Long, Red Brass Pipe Nipple	18.95	
22 11 16 00-1258	EA	1" x 2-1/2" Long, Red Brass Pipe Nipple	22.54	
22 11 16 00-1259	EA	1" x 3" Long, Red Brass Pipe Nipple	25.48	
22 11 16 00-1260	EA	1" x 3-1/2" Long, Red Brass Pipe Nipple	30.01	
22 11 16 00-1261	EA	1" x 4" Long, Red Brass Pipe Nipple	33.60	
22 11 16 00-1262	EA	1" x 4-1/2" Long, Red Brass Pipe Nipple	37.15	
22 11 16 00-1263	EA	1" x 5" Long, Red Brass Pipe Nipple	40.79	
22 11 16 00-1264	EA	1" x 5-1/2" Long, Red Brass Pipe Nipple	44.62	
22 11 16 00-1265	EA	1" x 6" Long, Red Brass Pipe Nipple	48.16	
22 11 16 00-1266		1-1/4" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1267	EA	1-1/4" x Close, Red Brass Pipe Nipple	23.34	
22 11 16 00-1268	EA	1-1/4" x 1-1/2" Long, Red Brass Pipe Nipple	24.87	
22 11 16 00-1269	EA	1-1/4" x 2" Long, Red Brass Pipe Nipple	26.74	
22 11 16 00-1270	EA	1-1/4" x 2-1/2" Long, Red Brass Pipe Nipple	32.20	
22 11 16 00-1271	EA	1-1/4" x 3" Long, Red Brass Pipe Nipple	37.62	
22 11 16 00-1272	EA	1-1/4" x 3-1/2" Long, Red Brass Pipe Nipple	44.15	
22 11 16 00-1273	EA	1-1/4" x 4" Long, Red Brass Pipe Nipple	49.56	
22 11 16 00-1274	EA	1-1/4" x 4-1/2" Long, Red Brass Pipe Nipple	54.98	
22 11 16 00-1275	EA	1-1/4" x 5" Long, Red Brass Pipe Nipple	60.44	
22 11 16 00-1276	EA	1-1/4" x 5-1/2" Long, Red Brass Pipe Nipple	66.13	
22 11 16 00-1277	EA	1-1/4" x 6" Long, Red Brass Pipe Nipple	71.55	
22 11 16 00-1278		1-1/2" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1279	EA	1-1/2" x Close, Red Brass Pipe Nipple	29.03	
22 11 16 00-1280	EA	1-1/2" x 1-1/2" Long, Red Brass Pipe Nipple	30.29	
22 11 16 00-1281	EA	1-1/2" x 2" Long, Red Brass Pipe Nipple	31.55	
22 11 16 00-1282	EA	1-1/2" x 2-1/2" Long, Red Brass Pipe Nipple	38.36	
22 11 16 00-1283	EA	1-1/2" x 3" Long, Red Brass Pipe Nipple	43.50	
22 11 16 00-1284	EA	1-1/2" x 3-1/2" Long, Red Brass Pipe Nipple	51.15	
22 11 16 00-1285	EA	1-1/2" x 4" Long, Red Brass Pipe Nipple	57.59	
22 11 16 00-1286	EA	1-1/2" x 4-1/2" Long, Red Brass Pipe Nipple	64.27	
22 11 16 00-1287	EA	1-1/2" x 5" Long, Red Brass Pipe Nipple	70.71	
22 11 16 00-1288	EA	1-1/2" x 5-1/2" Long, Red Brass Pipe Nipple	77.01	
22 11 16 00-1289	EA	1-1/2" x 6" Long, Red Brass Pipe Nipple	83.31	
22 11 16 00-1290		2" Red Brass Pipe Nipples *(22 11 16 00-1063)*		
		Note: Threaded both ends.		
22 11 16 00-1291	EA	2" x Close, Red Brass Pipe Nipple	44.62	
22 11 16 00-1292	EA	2" x 1-1/2" Long, Red Brass Pipe Nipple	46.18	
22 11 16 00-1293	EA	2" x 2" Long, Red Brass Pipe Nipple	47.72	
22 11 16 00-1294	EA	2" x 2-1/2" Long, Red Brass Pipe Nipple	49.28	
22 11 16 00-1295	EA	2" x 3" Long, Red Brass Pipe Nipple	55.82	
22 11 16 00-1296	EA	2" x 3-1/2" Long, Red Brass Pipe Nipple	65.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1297	EA	2" x 4" Long, Red Brass Pipe Nipple	73.93	
22 11 16 00-1298	EA	2" x 4-1/2" Long, Red Brass Pipe Nipple	82.05	
22 11 16 00-1299	EA	2" x 5" Long, Red Brass Pipe Nipple	89.37	
22 11 16 00-1300	EA	2" x 5-1/2" Long, Red Brass Pipe Nipple	98.57	
22 11 16 00-1301	EA	2" x 6" Long, Red Brass Pipe Nipple	106.64	

22 11 16 00-1302 Cross-Linked Polyethylene Tubing, ASTM F877 *(22 11 16)*

Note: Aboveground, domestic water usage.

22 11 16 00-1303 Cross-Linked Polyethylene Tubing *(22 11 16 00-1302)*

22 11 16 00-1304	LF	3/8" Cross-Linked Polyethylene Tubing	3.33	
		For Work In Restricted Working Space, Add	*0.85*	
22 11 16 00-1305	LF	1/2" Cross-Linked Polyethylene Tubing	3.61	
		For Work In Restricted Working Space, Add	*0.92*	
22 11 16 00-1306	LF	3/4" Cross-Linked Polyethylene Tubing	4.32	
		For Work In Restricted Working Space, Add	*0.99*	
22 11 16 00-1307	LF	1" Cross-Linked Polyethylene Tubing	5.25	
		For Work In Restricted Working Space, Add	*1.04*	

22 11 16 00-1308 Cross-Linked Polyethylene Forged Brass PEX Fittings *(22 11 16 00-1302)*

Note: Aboveground, domestic water usage.

22 11 16 00-1309 Male Adapters *(22 11 16 00-1308)*

22 11 16 00-1310	EA	3/8" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	18.26	
		For Work In Restricted Working Space, Add	*4.38*	
22 11 16 00-1311	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	19.67	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1312	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	21.49	
		For Work In Restricted Working Space, Add	*4.96*	
22 11 16 00-1313	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	22.46	
		For Work In Restricted Working Space, Add	*5.25*	
22 11 16 00-1314	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	21.49	
		For Work In Restricted Working Space, Add	*4.96*	
22 11 16 00-1315	EA	1" x 1", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	28.19	
		For Work In Restricted Working Space, Add	*5.84*	

22 11 16 00-1316 Female Adapters *(22 11 16 00-1308)*

22 11 16 00-1317	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	20.10	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1318	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	22.67	
		For Work In Restricted Working Space, Add	*4.96*	
22 11 16 00-1319	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	23.64	
		For Work In Restricted Working Space, Add	*5.25*	
22 11 16 00-1320	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	22.67	
		For Work In Restricted Working Space, Add	*4.96*	
22 11 16 00-1321	EA	1" x 1", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	28.73	
		For Work In Restricted Working Space, Add	*5.84*	

22 11 16 00-1322 Tube Adapters *(22 11 16 00-1308)*

22 11 16 00-1323	EA	3/8" x 1/2" Forged Brass Tube Adapter For PEX Tubing	16.52	
		For Work In Restricted Working Space, Add	*4.38*	
22 11 16 00-1324	EA	1/2" Forged Brass Tube Adapter For PEX Tubing	17.50	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-1325	EA	3/4" Forged Brass Tube Adapter For PEX Tubing	21.07	
		For Work In Restricted Working Space, Add	*5.25*	
22 11 16 00-1326	EA	1" Forged Brass Tube Adapter For PEX Tubing	27.09	
		For Work In Restricted Working Space, Add	*5.84*	

22 11 16 00-1327 Plugs *(22 11 16 00-1308)*

22 11 16 00-1328	EA	3/8" Forged Brass Plug For PEX Tubing	8.31	
		For Work In Restricted Working Space, Add	*2.04*	
22 11 16 00-1329	EA	1/2" Forged Brass Plug For PEX Tubing	9.28	
		For Work In Restricted Working Space, Add	*2.33*	
22 11 16 00-1330	EA	3/4" Forged Brass Plug For PEX Tubing	10.69	
		For Work In Restricted Working Space, Add	*2.63*	
22 11 16 00-1331	EA	1" Forged Brass Plug For PEX Tubing	13.28	
		For Work In Restricted Working Space, Add	*2.92*	

22 11 16 00-1332 Tees *(22 11 16 00-1308)*

22 11 16 00-1333	EA	3/8" Forged Brass Tee For PEX Tubing	23.57	
		For Work In Restricted Working Space, Add	*6.13*	
22 11 16 00-1334	EA	1/2" Forged Brass Tee For PEX Tubing	26.48	
		For Work In Restricted Working Space, Add	*7.01*	
22 11 16 00-1335	EA	3/4" Forged Brass Tee For PEX Tubing	31.55	
		For Work In Restricted Working Space, Add	*7.88*	
22 11 16 00-1336	EA	1" Forged Brass Tee For PEX Tubing	40.48	
		For Work In Restricted Working Space, Add	*8.75*	
22 11 16 00-1337	EA	1/2" Forged Brass Reducing Tee For PEX Tubing	25.51	
		For Work In Restricted Working Space, Add	*6.71*	
22 11 16 00-1338	EA	3/4" Forged Brass Reducing Tee For PEX Tubing	29.61	
		For Work In Restricted Working Space, Add	*7.30*	

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			MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1339	EA	1" Forged Brass Reducing Tee For PEX Tubing				36.71	
		For Work In Restricted Working Space, Add				*7.88*	
22 11 16 00-1340		**Couplings** *(22 11 16 00-1308)*					
22 11 16 00-1341	EA	3/8" Forged Brass Coupling For PEX Tubing				15.23	
		For Work In Restricted Working Space, Add				*4.09*	
22 11 16 00-1342	EA	1/2" Forged Brass Coupling For PEX Tubing				17.28	
		For Work In Restricted Working Space, Add				*4.67*	
22 11 16 00-1343	EA	3/4" Forged Brass Coupling For PEX Tubing				19.76	
		For Work In Restricted Working Space, Add				*5.25*	
22 11 16 00-1344	EA	1" Forged Brass Coupling For PEX Tubing				24.20	
		For Work In Restricted Working Space, Add				*5.84*	
22 11 16 00-1345	EA	3/4" x 1/2" Forged Brass Reducing Coupling For PEX Tubing				18.79	
		For Work In Restricted Working Space, Add				*4.96*	
22 11 16 00-1346	EA	1" x 3/4" Forged Brass Reducing Coupling For PEX Tubing				23.22	
		For Work In Restricted Working Space, Add				*5.54*	
22 11 16 00-1347		**Fitting Reducers** *(22 11 16 00-1308)*					
22 11 16 00-1348	EA	3/8" x 1/2" Forged Brass Fitting Reducer For PEX Tubing				16.84	
		For Work In Restricted Working Space, Add				*4.38*	
22 11 16 00-1349	EA	1/2" Forged Brass Fitting Reducer For PEX Tubing				17.82	
		For Work In Restricted Working Space, Add				*4.67*	
22 11 16 00-1350	EA	3/4" Forged Brass Fitting Reducer For PEX Tubing				21.71	
		For Work In Restricted Working Space, Add				*5.25*	
22 11 16 00-1351	EA	1" Forged Brass Fitting Reducer For PEX Tubing				30.76	
		For Work In Restricted Working Space, Add				*5.84*	
22 11 16 00-1352		**90 Degree Elbows** *(22 11 16 00-1308)*					
22 11 16 00-1353	EA	3/8" Forged Brass 90 Degree Elbow For PEX Tubing				16.19	
		For Work In Restricted Working Space, Add				*4.09*	
22 11 16 00-1354	EA	1/2" Forged Brass 90 Degree Elbow For PEX Tubing				18.14	
		For Work In Restricted Working Space, Add				*4.67*	
22 11 16 00-1355	EA	3/4" Forged Brass 90 Degree Elbow For PEX Tubing				21.71	
		For Work In Restricted Working Space, Add				*5.25*	
22 11 16 00-1356	EA	3/4" x 1/2" Forged Brass 90 Degree Elbow For PEX Tubing				20.74	
		For Work In Restricted Working Space, Add				*4.96*	
22 11 16 00-1357	EA	1/2" Drop 90 Degree Elbow For PEX Tubing				24.84	
		For Work In Restricted Working Space, Add				*4.67*	
22 11 16 00-1358	EA	3/4" Forged Brass Drop 90 Degree Elbow For PEX Tubing				27.74	
		For Work In Restricted Working Space, Add				*5.25*	
22 11 16 00-1359	EA	3/4" x 1/2" Forged Brass Drop 90 Degree Elbow For PEX Tubing				26.77	
		For Work In Restricted Working Space, Add				*4.96*	

22 11 19 Domestic Water Piping Specialties *(22 11)*

22 11 19 00-0001 Brass, Anti Siphon Vacuum Breakers *(22 11 19)*

Note: Watts 288A

22 11 19 00-0002	EA	1/2" Brass, Anti Siphon Vacuum Breaker	83.25	24.33
22 11 19 00-0003	EA	3/4" Brass, Anti Siphon Vacuum Breaker	95.36	27.24
22 11 19 00-0004	EA	1" Brass, Anti Siphon Vacuum Breaker	187.60	31.14
22 11 19 00-0005	EA	1-1/4" Brass, Anti Siphon Vacuum Breaker	294.19	35.99
22 11 19 00-0006	EA	1-1/2" Brass, Anti Siphon Vacuum Breaker	351.10	39.88
22 11 19 00-0007	EA	2" Brass, Anti Siphon Vacuum Breaker	510.52	48.64
22 11 19 00-0008	EA	2-1/2" Brass, Anti Siphon Vacuum Breaker	1,317.97	60.80

22 11 19 00-0009 Anti Siphon Pressure Vacuum Breakers *(22 11 19)*

Note: Watts 800M4QT

22 11 19 00-0010	EA	1/2" Anti Siphon Pressure Type Vacuum Breaker	229.83	24.33
22 11 19 00-0011	EA	3/4" Anti Siphon Pressure Type Vacuum Breaker	202.72	27.24
22 11 19 00-0012	EA	1" Anti Siphon Pressure Type Vacuum Breaker	287.31	31.14
22 11 19 00-0013	EA	1-1/4" Anti Siphon Pressure Type Vacuum Breaker	513.53	35.99
22 11 19 00-0014	EA	1-1/2" Anti Siphon Pressure Type Vacuum Breaker	624.83	39.88
22 11 19 00-0015	EA	2" Anti Siphon Pressure Type Vacuum Breaker	633.13	48.64

22 11 19 00-0016 Bellows Type Water Hammer Arrestors *(22 11 19)*

22 11 19 00-0017	EA	Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	207.34	11.64
22 11 19 00-0018	EA	>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	402.75	14.08
22 11 19 00-0019	EA	>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	588.43	14.08
22 11 19 00-0020	EA	>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	1,432.85	14.08
22 11 19 00-0021	EA	>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	1,613.71	14.08
22 11 19 00-0022	EA	>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	1,976.52	14.08

22 11 19 00-0023 Piston Type Water Hammer Arrestors *(22 11 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0024		Threaded Piston Type Water Hammer Arrestors *(22 11 19 00-0023)*		
22 11 19 00-0025	EA	Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A)	125.04	6.49
22 11 19 00-0026	EA	>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B)	239.10	7.48
22 11 19 00-0027	EA	>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C)	354.70	8.11
22 11 19 00-0028	EA	>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D)	870.54	10.46
22 11 19 00-0029	EA	>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E)	1,060.34	12.97
22 11 19 00-0030	EA	>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F)	1,206.43	14.08
22 11 19 00-0031		Washer Boxes And Dryer Outlets *(22 11 19)*		
22 11 19 00-0032		Dryer Vent Kit *(22 11 19 00-0031)* Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0033	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps	68.16	12.65
22 11 19 00-0034		Washer Boxes And Dryer Vents *(22 11 19 00-0031)* Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0035	EA	2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves	234.92	19.46
22 11 19 00-0036		Ice Maker Outlet Box *(22 11 19)* Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0037	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	121.36	19.46
22 11 19 00-0038	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	149.59	19.46
22 11 19 00-0039	EA	Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	165.13	19.46
22 11 19 00-0040		Rubber Hose And Clamps *(22 11 19)*		
22 11 19 00-0041		General Purpose Hose *(22 11 19 00-0040)* Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.		
22 11 19 00-0042	LF	3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	4.65	1.94
22 11 19 00-0043	LF	1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	5.22	1.94
22 11 19 00-0044	LF	5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	5.96	1.94
22 11 19 00-0045	LF	3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	5.99	1.94
22 11 19 00-0046	LF	1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	7.45	2.91
22 11 19 00-0047	LF	1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	10.79	2.91
22 11 19 00-0048	LF	1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	11.79	3.88
22 11 19 00-0049	LF	2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	19.85	3.88
22 11 19 00-0050		Reinfored EPDM Water Hose Assembly *(22 11 19 00-0040)* Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.		
22 11 19 00-0051	LF	1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	24.86	3.88
22 11 19 00-0052	LF	2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	29.03	3.88
22 11 19 00-0053	LF	3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	40.68	4.78
22 11 19 00-0054	LF	4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	56.28	6.45
22 11 19 00-0055		Chemical Resistant Rubber Hoses *(22 11 19 00-0040)*		
22 11 19 00-0056	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose	1,147.32	234.30
22 11 19 00-0057	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose	1,592.01	234.30
22 11 19 00-0058		Water Pump Hose *(22 11 19 00-0040)*		
22 11 19 00-0059	EA	2" Inside Diameter, 20' Rubber Discharge Hose	257.74	59.29
22 11 19 00-0060	EA	2" Inside Diameter, 20' Rubber Intake Hose	268.50	59.29
22 11 19 00-0061		Serrated Shank Nipple *(22 11 19 00-0040)* Note: For use as medium pressure coupling.		
22 11 19 00-0062	EA	3/8" Inside Diameter Hose x 1/2" Male Pipe Thread Serrated Shank Nipple	21.20	4.85
22 11 19 00-0063	EA	1/2" Inside Diameter Hose x 5/8" Male Pipe Thread Serrated Shank Nipple	21.08	4.85
22 11 19 00-0064	EA	5/8" Inside Diameter Hose x 3/4" Male Pipe Thread Serrated Shank Nipple	21.08	4.85
22 11 19 00-0065	EA	3/4" Inside Diameter Hose x 1" Male Pipe Thread Serrated Shank Nipple	26.78	6.79
22 11 19 00-0066	EA	1" Inside Diameter Hose x 1-1/4" Male Pipe Thread Serrated Shank Nipple	28.21	6.79
22 11 19 00-0067	EA	1-1/4" Inside Diameter Hose x 1-1/2" Male Pipe Thread Serrated Shank Nipple	53.07	12.62
22 11 19 00-0068	EA	1-1/2" Inside Diameter Hose x 2" Male Pipe Thread Serrated Shank Nipple	65.80	15.53
22 11 19 00-0069		Worm-Drive Hose Clamp *(22 11 19 00-0040)*		
22 11 19 00-0070	EA	3/8" To 1" Diameter Worm Drive Hose Clamp	9.93	2.91
22 11 19 00-0071	EA	1/2" To 1-1/6" Diameter Worm Drive Hose Clamp	10.52	2.91
22 11 19 00-0072	EA	5/8" To 1-1/2" Diameter Worm Drive Hose Clamp	11.15	2.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0073	EA	3/4" To 2" Diameter Worm Drive Hose Clamp	11.86	2.91
22 11 19 00-0074	EA	1" To 2-1/2" Diameter Worm Drive Hose Clamp	12.70	2.91
22 11 19 00-0075	EA	1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp	13.72	3.88
22 11 19 00-0076	EA	1-1/2" To 3" Diameter Worm Drive Hose Clamp	14.83	3.88
22 11 19 00-0077		Trap Primer And Accessories *(22 11 19)*		
22 11 19 00-0078		Trap Primer *(22 11 19 00-0077)*		
22 11 19 00-0079	EA	1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699)	217.14	14.59
22 11 19 00-0080	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500)	133.56	9.72
22 11 19 00-0081	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500)	129.50	9.72
22 11 19 00-0082		Trap Primer Distribution Unit *(22 11 19 00-0077)*		
22 11 19 00-0083	EA	Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) Note: Can be used for two, three or four drains.	117.59	19.46
22 11 19 00-0084	EA	Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) Note: Can be used for two, three or four drains.	128.52	19.46
22 11 19 00-0085		Trap Primer Manifold *(22 11 19 00-0077)*		
22 11 19 00-0086	EA	Two Outlet Manifold	175.08	26.17
22 11 19 00-0087	EA	Four Outlet Manifold	262.51	29.77
22 11 19 00-0088	EA	Six Outlet Manifold	347.52	31.52
22 11 19 00-0089	EA	Eight Outlet Manifold	436.51	36.97
22 11 19 00-0090		Sewage Air Release Valves *(22 11 19)*		
22 11 19 00-0091		Cast Iron, Sewage Air Release Valves *(22 11 19 00-0090)* Note: Stainless steel float.		
22 11 19 00-0092	EA	2" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	624.80	35.52
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0093	EA	3" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	774.68	59.36
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0094	EA	4" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)	982.16	74.94
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0095		Cast Iron, Sewage Air Vacuum Valves *(22 11 19 00-0090)* Note: Stainless steel float.		
22 11 19 00-0096	EA	2" x 1" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401)	637.99	35.52
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0097	EA	2" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402)	1,234.60	35.52
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0098	EA	3" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403)	1,489.96	59.36
		For Back Flush Attachment, Add	*650.00*	
22 11 19 00-0099	EA	4" NPT x 4" With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404)	2,200.11	74.94
22 11 19 00-0100		Cast Iron, Sewage Combination Air Valves *(22 11 19 00-0090)* Note: Stainless steel float.		
22 11 19 00-0101	EA	2" x 1" NPT, Sewage Combination Air Valve (Apco 443)	1,343.37	35.52
22 11 19 00-0102	EA	2" x 2" NPT, Sewage Combination Air Valve (Apco 445)	1,846.04	35.52
22 11 19 00-0103	EA	3" x 3" NPT, Sewage Combination Air Valve (Apco 447)	2,168.98	59.36
22 11 19 00-0104	EA	4" x 4" NPT, Sewage Combination Air Valve (Apco 449)	2,653.33	74.94
22 11 19 00-0105		Wall Hydrants *(22 11 19)* Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0106		Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants *(22 11 19 00-0105)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0107	EA	6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	649.04	24.33
		For Cast Bronze Box, Add	*32.92*	
		For 1" NPT Outlet, Add	*77.59*	
22 11 19 00-0108	EA	12" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	684.65	29.18
		For Cast Bronze Box, Add	*32.92*	
		For 1" NPT Outlet, Add	*77.59*	
22 11 19 00-0109	EA	18" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	704.58	35.12
		For Cast Bronze Box, Add	*32.92*	
		For 1" NPT Outlet, Add	*77.59*	
22 11 19 00-0110		Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants *(22 11 19 00-0105)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0111	EA	Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	657.18	40.86
		For Cast Bronze Box, Add	*32.92*	
		For 1" NPT Outlet, Add	*77.59*	
22 11 19 00-0112		Cast Bronze Non-Freezing Wall Hydrant *(22 11 19 00-0105)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0113	EA	3" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	356.39	30.16
		For 1" NPT Outlet, Add	*77.59*	
22 11 19 00-0114	EA	4" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	439.74	30.16
		For 1" NPT Outlet, Add	*77.59*	
22 11 19 00-0115	EA	6" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	439.74	30.16
		For 1" NPT Outlet, Add	*77.59*	
22 11 19 00-0116	EA	8" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	439.74	30.16
		For 1" NPT Outlet, Add	*77.59*	
22 11 19 00-0117	EA	10" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	459.14	60.80
		For 1" NPT Outlet, Add	*77.59*	
22 11 19 00-0118	EA	12" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	459.14	60.80
		For 1" NPT Outlet, Add	*77.59*	
22 11 19 00-0119	EA	18" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	517.16	60.80
		For 1" NPT Outlet, Add	*77.59*	

22 11 19 00-0120 Stainless Steel Box Type Wall Hydrants *(22 11 19 00-0105)*

Note: With 3/4" NPT female and 3/4" NPT male inlet connection.

22 11 19 00-0121	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140)	325.61	24.33
22 11 19 00-0122	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	354.69	24.33
22 11 19 00-0123	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150)	358.65	24.33
22 11 19 00-0124	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	402.27	24.33
22 11 19 00-0125	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145) Note: Includes hot and cold hose connections.	565.20	34.05
22 11 19 00-0126	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146) Note: Includes hot and cold hose connections.	582.38	34.05
22 11 19 00-0127	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155) Note: Includes hot and cold hose connections.	582.38	34.05
22 11 19 00-0128	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156) Note: Includes hot and cold hose connections.	623.36	34.05

22 11 19 00-0129 Tempering Controllers For Potable Hot Water *(22 11 19)*

22 11 19 00-0130 Point-Of-Use Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0129)*

Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.

22 11 19 00-0131	EA	1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	341.89	23.55
22 11 19 00-0132	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	164.64	23.55
22 11 19 00-0133	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	198.58	23.55
22 11 19 00-0134	EA	3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	229.78	31.73

22 11 19 00-0135 Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0129)*

Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.

22 11 19 00-0136	EA	3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	916.93	33.96
22 11 19 00-0137	EA	3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	1,030.62	41.83
22 11 19 00-0138	EA	1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	1,238.38	48.66
22 11 19 00-0139	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	1,600.72	51.15
22 11 19 00-0140	EA	2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	2,148.16	66.36

22 11 19 00-0141 High Low Temperature Thermostatic Mixing Valves (Bradley) *(22 11 19 00-0129)*

Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.

22 11 19 00-0142	EA	3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	2,324.33	52.31
22 11 19 00-0143	EA	1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	3,022.45	60.82
22 11 19 00-0144	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	3,522.23	63.93
22 11 19 00-0145	EA	2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	3,906.78	82.94

22 11 19 00-0146 Thermostatic Mixing Valves (Leonard) *(22 11 19 00-0129)*

Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection

22 11 19 00-0147	EA	3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF) Note: For hot water or two pipe low pressure steam.	668.89	33.96
22 11 19 00-0148	EA	1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF) Note: For hot water or two pipe low pressure steam.	788.23	41.83
22 11 19 00-0149	EA	1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF) Note: For hot water or two pipe low pressure steam.	967.66	48.66
22 11 19 00-0150	EA	1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF) Note: For hot water or two pipe low pressure steam.	1,179.86	51.17
22 11 19 00-0151	EA	2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF) Note: For hot water or two pipe low pressure steam.	1,749.06	66.36

22 11 19 00-0152 Water Mixing/Self Operating Temperature Regulator *(22 11 19 00-0129)*

Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.

22 11 19 00-0153	EA	3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	2,948.50	48.64

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22 11 19 00-0154	EA	1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,117.76	61.30
22 11 19 00-0155	EA	1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,429.41	73.94
22 11 19 00-0156	EA	1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,771.10	86.59
22 11 19 00-0157	EA	2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,492.51	113.83
22 11 19 00-0158	EA	2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	5,315.72	129.76
22 11 19 00-0159		Thermostatic Mixing Valves (Holby) *(22 11 19 00-0129)*		
22 11 19 00-0160	EA	2-1/2" Thermostatic Mixing Valve (Holby HOLBY2500)	3,096.83	66.38
22 11 19 00-0161		Backflow Preventer Valves *(22 11 19)*		
22 11 19 00-0162		Double Check Valve Backflow Preventer Assemblies *(22 11 19 00-0161)*		
22 11 19 00-0163		Threaded Double Check Valve Assemblies *(22 11 19 00-0162)*		
22 11 19 00-0164		Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0163)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0165	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	301.32	26.08
		For Work In Restricted Working Space, Add	*19.56*	
		For Owner Furnished Material, Deduct	*-236.13*	
22 11 19 00-0166	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	359.00	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Owner Furnished Material, Deduct	*-266.57*	
22 11 19 00-0167	EA	1"Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	415.31	45.14
		For Work In Restricted Working Space, Add	*33.86*	
		For Owner Furnished Material, Deduct	*-302.45*	
22 11 19 00-0168	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	575.68	52.54
		For Work In Restricted Working Space, Add	*39.40*	
		For Owner Furnished Material, Deduct	*-444.34*	
22 11 19 00-0169	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	710.11	60.32
		For Work In Restricted Working Space, Add	*44.95*	
		For Owner Furnished Material, Deduct	*-560.29*	
22 11 19 00-0170	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	822.73	77.83
		For Work In Restricted Working Space, Add	*58.37*	
		For Owner Furnished Material, Deduct	*-628.15*	
22 11 19 00-0171		Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0163)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0172	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	368.89	26.08
		For Work In Restricted Working Space, Add	*19.56*	
		For Owner Furnished Material, Deduct	*-303.70*	
22 11 19 00-0173	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	457.96	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Owner Furnished Material, Deduct	*-365.53*	
22 11 19 00-0174	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	536.63	45.14
		For Work In Restricted Working Space, Add	*33.86*	
		For Owner Furnished Material, Deduct	*-423.77*	
22 11 19 00-0175	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	748.55	52.54
		For Work In Restricted Working Space, Add	*39.40*	
		For Owner Furnished Material, Deduct	*-617.21*	
22 11 19 00-0176	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	913.71	60.32
		For Work In Restricted Working Space, Add	*44.95*	
		For Owner Furnished Material, Deduct	*-763.89*	
22 11 19 00-0177	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,103.83	77.83
		For Work In Restricted Working Space, Add	*58.37*	
		For Owner Furnished Material, Deduct	*-909.25*	
22 11 19 00-0178		Flanged Double Check Valve Assemblies *(22 11 19 00-0162)*		
22 11 19 00-0179		Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0178)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).		
22 11 19 00-0180	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	3,828.04	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,541.47*	
22 11 19 00-0181	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	4,206.81	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-3,888.90*	
22 11 19 00-0182		Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0178)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).		
22 11 19 00-0183	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY)	4,188.00	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,901.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0184	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	4,806.75	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-4,488.84*	

22 11 19 00-0185 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0178)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).

22 11 19 00-0186	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	3,853.98	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,567.43*	
22 11 19 00-0187	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	2,962.47	241.79
		For Work In Restricted Working Space, Add	*95.38*	
		For Owner Furnished Material, Deduct	*-2,644.55*	
22 11 19 00-0188	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	4,633.09	358.20
		For Work In Restricted Working Space, Add	*143.21*	
		For Owner Furnished Material, Deduct	*-4,155.74*	
22 11 19 00-0189	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	7,084.93	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-6,141.36*	
22 11 19 00-0190	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	16,020.03	783.49
		For Work In Restricted Working Space, Add	*424.67*	
		For Owner Furnished Material, Deduct	*-14,604.45*	
22 11 19 00-0191	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	20,546.26	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-18,861.32*	

22 11 19 00-0192 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer *(22 11 19 00-0178)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).

22 11 19 00-0193	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA series)	5,393.28	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-4,915.97*	
22 11 19 00-0194	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA series)	8,995.37	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-8,051.80*	
22 11 19 00-0195	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA series)	23,805.47	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-22,120.53*	

22 11 19 00-0196 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0178)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).

22 11 19 00-0197	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	4,089.48	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,802.93*	
22 11 19 00-0198	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	4,494.24	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-4,176.33*	
22 11 19 00-0199	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	4,908.84	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-4,431.53*	
22 11 19 00-0200	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	8,257.52	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-7,313.95*	
22 11 19 00-0201	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	16,993.62	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-15,578.27*	
22 11 19 00-0202	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	21,802.77	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-20,117.83*	

22 11 19 00-0203 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0178)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).

22 11 19 00-0204	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	2,462.56	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-2,176.01*	
22 11 19 00-0205	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	2,711.65	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-2,393.74*	
22 11 19 00-0206	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	3,088.77	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-2,611.46*	
22 11 19 00-0207	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	5,026.96	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-4,083.39*	
22 11 19 00-0208	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	9,488.55	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-8,073.20*	
22 11 19 00-0209	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series)	10,323.83	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-8,638.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0210		N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0178)*		
		Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).		
22 11 19 00-0211	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	3,234.65	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-2,948.10*	
22 11 19 00-0212	EA	3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	3,483.74	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-3,165.83*	
22 11 19 00-0213	EA	4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY series)	4,378.97	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-3,901.66*	
22 11 19 00-0214	EA	6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	7,186.80	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-6,243.23*	
22 11 19 00-0215	EA	8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	12,689.66	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-11,274.31*	
22 11 19 00-0216	EA	10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series)	15,100.69	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-13,415.75*	
22 11 19 00-0217		Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves *(22 11 19 00-0178)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).		
22 11 19 00-0218	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	2,308.99	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-2,022.44*	
22 11 19 00-0219	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	2,565.06	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-2,247.15*	
22 11 19 00-0220	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	2,949.08	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-2,471.77*	
22 11 19 00-0221	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	4,917.22	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-3,973.65*	
22 11 19 00-0222	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	9,382.80	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-7,967.45*	
22 11 19 00-0223	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	10,619.10	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-8,934.16*	
22 11 19 00-0224		N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0178)*		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		
22 11 19 00-0225	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	3,016.34	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-2,729.79*	
22 11 19 00-0226	EA	3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	3,265.43	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-2,947.52*	
22 11 19 00-0227	EA	4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	4,160.93	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-3,683.62*	
22 11 19 00-0228	EA	6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	6,954.57	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-6,011.00*	
22 11 19 00-0229	EA	8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	12,338.15	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-10,922.80*	
22 11 19 00-0230	EA	10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	14,748.16	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-13,063.22*	
22 11 19 00-0231		Double Check Valve Assemblies With Butterfly Shut-Off Valves *(22 11 19 00-0178)*		
		Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
22 11 19 00-0232	EA	2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,672.18	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-2,385.63*	
22 11 19 00-0233	EA	3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	2,921.27	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-2,603.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0234	EA	4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	3,298.39	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-2,821.08*	
22 11 19 00-0235	EA	6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,241.86	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-4,298.29*	
22 11 19 00-0236	EA	8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	9,703.45	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-8,288.10*	

22 11 19 00-0237 N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs *(22 11 19 00-0178)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).

22 11 19 00-0238	EA	2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series)	3,444.27	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,157.72*	
22 11 19 00-0239	EA	3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	3,693.36	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-3,375.45*	
22 11 19 00-0240	EA	4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,588.59	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-4,111.28*	
22 11 19 00-0241	EA	6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	7,401.75	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-6,458.18*	
22 11 19 00-0242	EA	8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	9,703.45	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-8,288.10*	

22 11 19 00-0243 Grooved Double Check Valve Assemblies *(22 11 19 00-0162)*

22 11 19 00-0244 Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0243)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).

22 11 19 00-0245	EA	2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	2,308.99	114.62
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-2,022.44*	
22 11 19 00-0246	EA	3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	2,565.06	127.17
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-2,247.15*	

22 11 19 00-0247 N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0243)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).

22 11 19 00-0248	EA	2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	3,016.34	114.62
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-2,729.79*	
22 11 19 00-0249	EA	3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	3,265.43	127.17
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-2,947.52*	

22 11 19 00-0250 Reduced Pressure Zone Backflow Preventer Assemblies *(22 11 19 00-0161)*

22 11 19 00-0251 Threaded Reduced Pressure Zone Assemblies *(22 11 19 00-0250)*

22 11 19 00-0252 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0251)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).

22 11 19 00-0253	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	331.07	22.57
		For Work In Restricted Working Space, Add	*16.93*	
		For Owner Furnished Material, Deduct	*-274.64*	
22 11 19 00-0254	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	350.25	24.91
		For Work In Restricted Working Space, Add	*18.68*	
		For Owner Furnished Material, Deduct	*-287.98*	
22 11 19 00-0255	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	406.32	26.08
		For Work In Restricted Working Space, Add	*19.56*	
		For Owner Furnished Material, Deduct	*-341.13*	
22 11 19 00-0256	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	546.76	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Owner Furnished Material, Deduct	*-454.33*	
22 11 19 00-0257	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	649.41	45.14
		For Work In Restricted Working Space, Add	*33.86*	
		For Owner Furnished Material, Deduct	*-536.55*	
22 11 19 00-0258	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	973.02	52.54
		For Work In Restricted Working Space, Add	*39.40*	
		For Owner Furnished Material, Deduct	*-841.68*	
22 11 19 00-0259	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,031.09	60.32
		For Work In Restricted Working Space, Add	*44.95*	
		For Owner Furnished Material, Deduct	*-881.27*	
22 11 19 00-0260	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,240.35	77.83
		For Work In Restricted Working Space, Add	*58.37*	
		For Owner Furnished Material, Deduct	*-1,045.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0261		**Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer** *(22 11 19 00-0251)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).		
22 11 19 00-0262	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	364.32	22.57
		For Work In Restricted Working Space, Add	*16.93*	
		For Owner Furnished Material, Deduct	*-307.89*	
22 11 19 00-0263	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	385.29	24.91
		For Work In Restricted Working Space, Add	*18.68*	
		For Owner Furnished Material, Deduct	*-323.02*	
22 11 19 00-0264	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	454.34	36.97
		For Work In Restricted Working Space, Add	*19.56*	
		For Owner Furnished Material, Deduct	*-389.15*	
22 11 19 00-0265	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	622.22	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Owner Furnished Material, Deduct	*-529.79*	
22 11 19 00-0266	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	743.76	45.14
		For Work In Restricted Working Space, Add	*33.86*	
		For Owner Furnished Material, Deduct	*-630.90*	
22 11 19 00-0267	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,101.71	52.54
		For Work In Restricted Working Space, Add	*39.40*	
		For Owner Furnished Material, Deduct	*-970.37*	
22 11 19 00-0268	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,212.69	60.32
		For Work In Restricted Working Space, Add	*44.95*	
		For Owner Furnished Material, Deduct	*-1,062.87*	
22 11 19 00-0269	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,463.15	77.83
		For Work In Restricted Working Space, Add	*58.37*	
		For Owner Furnished Material, Deduct	*-1,268.57*	
22 11 19 00-0270		**Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0251)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).		
22 11 19 00-0271	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	546.76	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Owner Furnished Material, Deduct	*-454.33*	
22 11 19 00-0272	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	649.41	45.14
		For Work In Restricted Working Space, Add	*33.86*	
		For Owner Furnished Material, Deduct	*-536.55*	
22 11 19 00-0273	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	973.02	52.54
		For Work In Restricted Working Space, Add	*39.40*	
		For Owner Furnished Material, Deduct	*-841.68*	
22 11 19 00-0274	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,031.09	60.32
		For Work In Restricted Working Space, Add	*44.95*	
		For Owner Furnished Material, Deduct	*-881.27*	
22 11 19 00-0275	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,240.35	77.83
		For Work In Restricted Working Space, Add	*58.37*	
		For Owner Furnished Material, Deduct	*-1,045.77*	
22 11 19 00-0276		**Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer** *(22 11 19 00-0251)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).		
22 11 19 00-0277	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	622.22	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Owner Furnished Material, Deduct	*-529.79*	
22 11 19 00-0278	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	743.76	45.14
		For Work In Restricted Working Space, Add	*33.86*	
		For Owner Furnished Material, Deduct	*-630.90*	
22 11 19 00-0279	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,101.71	52.54
		For Work In Restricted Working Space, Add	*39.40*	
		For Owner Furnished Material, Deduct	*-970.37*	
22 11 19 00-0280	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,212.69	60.32
		For Work In Restricted Working Space, Add	*44.95*	
		For Owner Furnished Material, Deduct	*-1,062.87*	
22 11 19 00-0281	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,463.15	77.83
		For Work In Restricted Working Space, Add	*58.37*	
		For Owner Furnished Material, Deduct	*-1,268.57*	
22 11 19 00-0282		**Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0251)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0283	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,107.25	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Owner Furnished Material, Deduct	*-1,014.82*	
22 11 19 00-0284	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,311.34	45.14
		For Work In Restricted Working Space, Add	*33.86*	
		For Owner Furnished Material, Deduct	*-1,198.48*	
22 11 19 00-0285	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	2,008.93	52.54
		For Work In Restricted Working Space, Add	*39.40*	
		For Owner Furnished Material, Deduct	*-1,877.59*	
22 11 19 00-0286	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	2,173.48	60.32
		For Work In Restricted Working Space, Add	*44.95*	
		For Owner Furnished Material, Deduct	*-2,023.66*	
22 11 19 00-0287	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	2,525.76	77.83
		For Work In Restricted Working Space, Add	*58.37*	
		For Owner Furnished Material, Deduct	*-2,331.18*	

22 11 19 00-0288 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0251)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).

22 11 19 00-0289	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	1,484.48	36.97
		For Work In Restricted Working Space, Add	*27.73*	
		For Owner Furnished Material, Deduct	*-1,392.05*	
22 11 19 00-0290	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	1,765.27	45.14
		For Work In Restricted Working Space, Add	*33.86*	
		For Owner Furnished Material, Deduct	*-1,652.41*	
22 11 19 00-0291	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	2,682.74	52.54
		For Work In Restricted Working Space, Add	*39.40*	
		For Owner Furnished Material, Deduct	*-2,551.40*	
22 11 19 00-0292	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	2,931.86	60.32
		For Work In Restricted Working Space, Add	*44.95*	
		For Owner Furnished Material, Deduct	*-2,782.04*	
22 11 19 00-0293	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	3,486.08	77.83
		For Work In Restricted Working Space, Add	*58.37*	
		For Owner Furnished Material, Deduct	*-3,291.50*	

22 11 19 00-0294 Flanged Reduced Pressure Zone Assemblies *(22 11 19 00-0250)*

22 11 19 00-0295 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0294)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).

22 11 19 00-0296	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	3,526.27	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,239.70*	
22 11 19 00-0297	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	3,972.20	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-3,654.29*	

22 11 19 00-0298 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer *(22 11 19 00-0294)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).

22 11 19 00-0299	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	4,190.69	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,904.12*	
22 11 19 00-0300	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	4,744.07	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-4,426.16*	

22 11 19 00-0301 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0294)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).

22 11 19 00-0302	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	3,780.58	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,494.01*	
22 11 19 00-0303	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	4,394.85	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-4,076.94*	

22 11 19 00-0304 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer *(22 11 19 00-0294)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0305	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	4,190.69	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,904.12*	
22 11 19 00-0306	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	4,744.07	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-4,426.16*	

22 11 19 00-0307 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0294)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).

22 11 19 00-0308	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	4,644.68	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-4,358.11*	
22 11 19 00-0309	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	5,371.77	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-5,053.86*	

22 11 19 00-0310 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0294)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).

22 11 19 00-0311	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	6,007.52	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-5,720.97*	
22 11 19 00-0312	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	6,823.29	241.79
		For Work In Restricted Working Space, Add	*95.38*	
		For Owner Furnished Material, Deduct	*-6,505.37*	
22 11 19 00-0313	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	8,609.74	358.20
		For Work In Restricted Working Space, Add	*143.21*	
		For Owner Furnished Material, Deduct	*-8,132.39*	
22 11 19 00-0314	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	13,137.16	522.33
		For Work In Restricted Working Space, Add	*396.32*	
		For Owner Furnished Material, Deduct	*-11,816.09*	
22 11 19 00-0315	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	21,742.40	783.49
		For Work In Restricted Working Space, Add	*594.48*	
		For Owner Furnished Material, Deduct	*-19,760.79*	
22 11 19 00-0316	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	27,857.67	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-26,172.73*	

22 11 19 00-0317 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer *(22 11 19 00-0294)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).

22 11 19 00-0318	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	6,468.67	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-6,182.12*	
22 11 19 00-0319	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	7,308.61	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-6,990.70*	
22 11 19 00-0320	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	9,353.81	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-8,876.50*	
22 11 19 00-0321	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	14,160.26	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-13,216.69*	
22 11 19 00-0322	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	22,905.33	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-21,489.98*	
22 11 19 00-0323	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	31,032.43	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-29,347.49*	

22 11 19 00-0324 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0294)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).

22 11 19 00-0325	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	6,387.18	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-6,100.63*	
22 11 19 00-0326	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	7,258.48	241.79
		For Work In Restricted Working Space, Add	*95.38*	
		For Owner Furnished Material, Deduct	*-6,940.56*	
22 11 19 00-0327	EA	4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	9,150.58	358.20
		For Work In Restricted Working Space, Add	*143.21*	
		For Owner Furnished Material, Deduct	*-8,673.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0328	EA	6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	13,548.08	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-12,604.51*	
22 11 19 00-0329	EA	8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	22,494.14	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-21,078.79*	
22 11 19 00-0330	EA	10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	29,601.54	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-27,916.60*	

22 11 19 00-0331 Double Check Detector Assemblies *(22 11 19 00-0161)*

22 11 19 00-0332 Flanged Double Check Detector Assemblies With Meter *(22 11 19 00-0331)*

22 11 19 00-0333 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0332)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).

22 11 19 00-0334	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	4,815.75	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-4,497.84*	
22 11 19 00-0335	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	5,079.51	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-4,602.20*	
22 11 19 00-0336	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	6,919.69	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-5,976.12*	
22 11 19 00-0337	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	12,217.54	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-10,802.19*	
22 11 19 00-0338	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	16,447.88	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-14,762.94*	

22 11 19 00-0339 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0332)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).

22 11 19 00-0340	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	3,618.73	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,332.16*	
22 11 19 00-0341	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	3,867.57	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-3,549.66*	
22 11 19 00-0342	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	4,249.84	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-3,772.53*	
22 11 19 00-0343	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	5,842.16	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-4,898.59*	
22 11 19 00-0344	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	10,270.00	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-8,854.65*	
22 11 19 00-0345	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	12,114.53	926.71
		For Work In Restricted Working Space, Add	*505.48*	
		For Owner Furnished Material, Deduct	*-10,429.59*	

22 11 19 00-0346 Double Check Detector Assembly With Butterfly Valves And Meter *(22 11 19 00-0332)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).

22 11 19 00-0347	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	3,828.39	214.93
		For Work In Restricted Working Space, Add	*85.97*	
		For Owner Furnished Material, Deduct	*-3,541.82*	
22 11 19 00-0348	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	4,077.24	241.79
		For Work In Restricted Working Space, Add	*95.37*	
		For Owner Furnished Material, Deduct	*-3,759.33*	
22 11 19 00-0349	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	4,459.47	358.20
		For Work In Restricted Working Space, Add	*143.19*	
		For Owner Furnished Material, Deduct	*-3,982.16*	
22 11 19 00-0350	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	6,057.07	522.33
		For Work In Restricted Working Space, Add	*283.07*	
		For Owner Furnished Material, Deduct	*-5,113.50*	

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22 11 19 00-0351	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	10,012.16	783.49
		For Work In Restricted Working Space, Add	*424.61*	
		For Owner Furnished Material, Deduct	*-8,596.81*	

22 11 19 00-0352 Flanged Double Check Detector Assemblies Without Meter *(22 11 19 00-0331)*

22 11 19 00-0353 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter *(22 11 19 00-0352)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).

22 11 19 00-0354	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	3,552.53	214.93
		For Work In Restricted Working Space, Add	*85.97*	
22 11 19 00-0355	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	3,801.40	241.79
		For Work In Restricted Working Space, Add	*95.37*	
22 11 19 00-0356	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	4,183.67	358.20
		For Work In Restricted Working Space, Add	*143.19*	
22 11 19 00-0357	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	5,775.99	522.33
		For Work In Restricted Working Space, Add	*283.07*	
22 11 19 00-0358	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	10,203.87	783.49
		For Work In Restricted Working Space, Add	*424.61*	
22 11 19 00-0359	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	12,048.31	926.71
		For Work In Restricted Working Space, Add	*505.48*	

22 11 19 00-0360 Double Check Detector Assembly With Butterfly Valves Less Meter *(22 11 19 00-0352)*

Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).

22 11 19 00-0361	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	3,762.18	214.93
		For Work In Restricted Working Space, Add	*85.97*	
22 11 19 00-0362	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	4,011.02	241.79
		For Work In Restricted Working Space, Add	*95.37*	
22 11 19 00-0363	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	4,393.29	358.20
		For Work In Restricted Working Space, Add	*143.19*	
22 11 19 00-0364	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	5,990.85	522.33
		For Work In Restricted Working Space, Add	*283.07*	
22 11 19 00-0365	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	10,418.78	783.49
		For Work In Restricted Working Space, Add	*424.61*	

22 11 19 00-0366 Backflow Preventer Accessories *(22 11 19 00-0161)*

22 11 19 00-0367 Air Gap *(22 11 19 00-0366)*

22 11 19 00-0368	EA	Up To 1" Diameter Air Gap For Backflow Preventer	87.17	12.16
22 11 19 00-0369	EA	1-1/4" To 2" Diameter Air Gap For Backflow Preventer	107.09	14.59
22 11 19 00-0370	EA	2-1/2" To 3" Diameter Air Gap For Backflow Preventer	197.50	19.46
22 11 19 00-0371	EA	4" To 6" Diameter Air Gap For Backflow Preventer	388.64	34.05
22 11 19 00-0372	EA	8" To 10" Diameter Air Gap For Backflow Preventer	417.83	48.64

22 11 19 00-0373 Brass Test Cocks *(22 11 19 00-0366)*

22 11 19 00-0374	EA	1/8" Or 1/4" Brass Test Cock	35.43	4.87

22 11 19 00-0375 Backflow Valve Enclosures *(22 11 19 00-0161)*

22 11 19 00-0376 Flip-Top, Insulated Fiberglass Valve Enclosures *(22 11 19 00-0375)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

22 11 19 00-0377	EA	19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	763.32	87.56
		For Heated Enclosure, Add	*92.61*	
22 11 19 00-0378	EA	27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	936.07	87.56
		For Heated Enclosure, Add	*118.52*	
22 11 19 00-0379	EA	27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,182.84	80.60
		For Heated Enclosure, Add	*157.28*	
22 11 19 00-0380	EA	33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,232.11	107.46
		For Heated Enclosure, Add	*157.95*	
22 11 19 00-0381	EA	39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,290.70	107.46
		For Heated Enclosure, Add	*166.74*	
22 11 19 00-0382	EA	47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,519.03	107.46
		For Heated Enclosure, Add	*200.99*	
22 11 19 00-0383	EA	39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,525.04	107.46
		For Heated Enclosure, Add	*201.89*	
22 11 19 00-0384	EA	47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,914.09	107.46
		For Heated Enclosure, Add	*260.25*	
22 11 19 00-0385	EA	70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	4,398.09	161.19
		For Heated Enclosure, Add	*619.42*	
22 11 19 00-0386	EA	83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	6,361.41	161.19
		For Heated Enclosure, Add	*913.91*	
22 11 19 00-0387	EA	70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	6,045.96	161.19
		For Heated Enclosure, Add	*866.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0388	EA	83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	7,278.95	188.05
		For Heated Enclosure, Add	*1,044.83*	

22 11 19 00-0389 One-Piece Drop Over, Insulated Fiberglass Valve Enclosures *(22 11 19 00-0375)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

22 11 19 00-0390	EA	20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	414.46	23.35
		For Heated Enclosure, Add	*75.11*	
22 11 19 00-0391	EA	27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	573.69	23.35
		For Heated Enclosure, Add	*106.95*	
22 11 19 00-0392	EA	38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	717.80	21.49
		For Heated Enclosure, Add	*136.40*	
22 11 19 00-0393	EA	47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,081.32	21.49
		For Heated Enclosure, Add	*209.10*	
22 11 19 00-0394	EA	70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,795.09	40.29
		For Heated Enclosure, Add	*545.58*	
22 11 19 00-0395	EA	83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	3,812.05	40.29
		For Heated Enclosure, Add	*748.98*	
22 11 19 00-0396	EA	45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,542.73	40.29
		For Heated Enclosure, Add	*495.11*	
22 11 19 00-0397	EA	53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	2,876.21	40.29
		For Heated Enclosure, Add	*561.81*	
22 11 19 00-0398	EA	61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	4,494.04	40.29
		For Heated Enclosure, Add	*885.37*	

22 11 19 00-0399 Sectional, Insulated Aluminum Valve Enclosures *(22 11 19 00-0375)*

Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.

22 11 19 00-0400	EA	70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	5,717.68	175.13
		For Heated Enclosure, Add	*813.87*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0401	EA	83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	6,299.02	175.13
		For Heated Enclosure, Add	*901.07*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0402	EA	53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	4,468.69	161.19
		For Heated Enclosure, Add	*630.01*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0403	EA	53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	4,898.31	161.19
		For Heated Enclosure, Add	*694.45*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0404	EA	90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	5,704.39	214.93
		For Heated Enclosure, Add	*801.93*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0405	EA	102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	6,392.38	214.93
		For Heated Enclosure, Add	*905.13*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0406	EA	90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	6,392.38	214.93
		For Heated Enclosure, Add	*905.13*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0407	EA	102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	7,059.34	214.93
		For Heated Enclosure, Add	*1,005.17*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0408	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	5,305.11	188.05
		For Heated Enclosure, Add	*748.75*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0409	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	6,210.62	214.93
		For Heated Enclosure, Add	*877.86*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0410	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	7,251.61	214.93
		For Heated Enclosure, Add	*1,034.01*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0411	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	7,959.00	228.36
		For Heated Enclosure, Add	*1,136.76*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0412	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	8,164.64	248.09
		For Heated Enclosure, Add	*1,162.67*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0413	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	9,048.19	262.68
		For Heated Enclosure, Add	*1,291.56*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0414	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	9,357.36	241.79
		For Heated Enclosure, Add	*1,343.16*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0415	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	6,800.96	214.93
		For Heated Enclosure, Add	*966.41*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0416	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	7,247.11	214.93
		For Heated Enclosure, Add	*1,033.34*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0417	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	8,197.84	228.36
		For Heated Enclosure, Add	*1,172.59*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0418	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	9,929.68	241.79
		For Heated Enclosure, Add	*1,429.01*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0419	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	8,669.37	107.46
		For Heated Enclosure, Add	*1,239.96*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0420	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	10,411.73	107.46
		For Heated Enclosure, Add	*1,497.95*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0421	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	10,067.73	161.19
		For Heated Enclosure, Add	*1,446.35*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0422	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	11,679.27	161.19
		For Heated Enclosure, Add	*1,681.37*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0423	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	10,778.11	161.19
		For Heated Enclosure, Add	*1,549.55*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0424	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	12,593.93	188.05
		For Heated Enclosure, Add	*1,815.21*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0425	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	12,638.71	161.19
		For Heated Enclosure, Add	*1,815.21*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0426	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	14,989.30	161.19
		For Heated Enclosure, Add	*2,161.08*	
		For One 24" Fluorescent Light Fixture, Add	*470.70*	
		For Two 24" Fluorescent Light Fixture, Add	*842.31*	
22 11 19 00-0427		Faucets (Hose Bibbs) *(22 11 19)*		
22 11 19 00-0428		Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends *(22 11 19 00-0427)*		
22 11 19 00-0429	EA	1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	50.15	9.72
22 11 19 00-0430	EA	3/4" Faucet, Bronze Garden Hose Valve With Screwed Ends, 125#	58.30	10.70
22 11 19 00-0431	EA	3/4" Hose Valve With Screwed Ends And Vacuum Breaker, 125#	19.44	7.30
22 11 19 00-0432		Chrome Plated Brass Hose Valves, Screwed Ends *(22 11 19 00-0427)*		
22 11 19 00-0433	EA	3/4" Hose Valve With Screwed Ends; Chicago Faucets #387-CP	196.05	29.77
22 11 19 00-0434		Antisiphon Freezeless Wall Faucet *(22 11 19 00-0427)*		
22 11 19 00-0435	EA	4" Long, 1/2" Antisiphon Freezeless Wall Faucet	132.74	24.33
22 11 19 00-0436	EA	6" Long, 1/2" Antisiphon Freezeless Wall Faucet	143.19	26.95
22 11 19 00-0437	EA	8" Long, 1/2" Antisiphon Freezeless Wall Faucet	151.22	28.51
22 11 19 00-0438	EA	10" Long, 1/2" Antisiphon Freezeless Wall Faucet	159.22	30.55
22 11 19 00-0439	EA	12" Long, 1/2" Antisiphon Freezeless Wall Faucet	167.34	32.40
22 11 19 00-0440		Escutcheons *(22 11 19)*		
22 11 19 00-0441		Brass Escutcheons *(22 11 19 00-0440)*		
22 11 19 00-0442		Shallow Brass Escutcheons *(22 11 19 00-0441)*		
22 11 19 00-0443	EA	3/8" IPS, Antique Or Polished Brass Shallow Escutcheon	10.87	2.43
22 11 19 00-0444	EA	1/2" IPS, Antique Or Polished Brass Shallow Escutcheon	11.71	2.43
22 11 19 00-0445		Deep Bell Brass Escutcheons *(22 11 19 00-0441)*		
22 11 19 00-0446	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon	12.79	2.73
22 11 19 00-0447	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon	12.82	2.73
22 11 19 00-0448		Chrome Plated Brass Escutcheons With Setscrew *(22 11 19 00-0441)*		
22 11 19 00-0449	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	16.00	2.43
22 11 19 00-0450	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	16.15	2.43
22 11 19 00-0451	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	16.39	2.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0452	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	17.23	2.43
22 11 19 00-0453	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	17.53	2.92
22 11 19 00-0454	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	18.35	2.92
22 11 19 00-0455	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	19.09	3.21
22 11 19 00-0456	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	19.99	3.41
22 11 19 00-0457	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	28.31	3.89
22 11 19 00-0458		Plastic Escutcheons *(22 11 19 00-0440)*		
22 11 19 00-0459		Split-Ring White Plastic Escutcheons *(22 11 19 00-0458)*		
22 11 19 00-0460	EA	3/8" IPS, Split-Ring White Plastic Escutcheon	5.09	2.43
22 11 19 00-0461	EA	1/2" IPS, Split-Ring White Plastic Escutcheon	5.09	2.43
22 11 19 00-0462	EA	3/4" IPS, Split-Ring White Plastic Escutcheon	5.70	2.72
22 11 19 00-0463	EA	1" IPS, Split-Ring White Plastic Escutcheon	6.20	2.91
22 11 19 00-0464	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon	6.70	3.20
22 11 19 00-0465	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon	7.21	3.39
22 11 19 00-0466	EA	2" IPS, Split-Ring White Plastic Escutcheon	8.22	3.88
22 11 19 00-0467	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon	9.21	4.18
22 11 19 00-0468	EA	3" IPS, Split-Ring White Plastic Escutcheon	10.20	4.37
22 11 19 00-0469	EA	4" IPS, Split-Ring White Plastic Escutcheon	11.68	4.85
22 11 19 00-0470		Chrome Plate Plastic Escutcheons *(22 11 19 00-0458)*		
22 11 19 00-0471	EA	1/2" IPS, Chrome Plate Plastic Escutcheon	5.51	2.43
22 11 19 00-0472	EA	3/4" IPS, Chrome Plate Plastic Escutcheon	6.06	2.72
22 11 19 00-0473	EA	1" IPS, Chrome Plate Plastic Escutcheon	6.66	2.91
22 11 19 00-0474	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon	7.27	3.20
22 11 19 00-0475	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon	7.78	3.39
22 11 19 00-0476	EA	2" IPS, Chrome Plate Plastic Escutcheon	9.19	3.88
22 11 19 00-0477	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon	10.96	4.18
22 11 19 00-0478	EA	3" IPS, Chrome Plate Plastic Escutcheon	11.49	4.37
22 11 19 00-0479	EA	4" IPS, Chrome Plate Plastic Escutcheon	12.57	4.85
22 11 19 00-0480		Stainless Steel Escutcheons *(22 11 19 00-0440)*		
22 11 19 00-0481		Shallow Stainless Steel Escutcheons *(22 11 19 00-0480)*		
22 11 19 00-0482	EA	3/8" IPS, Shallow Stainless Steel Escutcheon	12.33	2.43
22 11 19 00-0483	EA	1/2" IPS, Shallow Stainless Steel Escutcheon	12.33	2.43
22 11 19 00-0484	EA	3/4" IPS, Shallow Stainless Steel Escutcheon	16.87	2.73
22 11 19 00-0485		Chrome Plated Steel Escutcheons *(22 11 19 00-0440)*		
22 11 19 00-0486		Split-Ring Chrome Plated Steel Escutcheons *(22 11 19 00-0485)*		
22 11 19 00-0487	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	5.33	2.43
22 11 19 00-0488	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	5.82	2.72
22 11 19 00-0489	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.39	2.91
22 11 19 00-0490	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.87	3.20
22 11 19 00-0491	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.36	3.39
22 11 19 00-0492	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.48	3.88
22 11 19 00-0493	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	12.19	4.18
22 11 19 00-0494	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon	12.93	4.37
22 11 19 00-0495	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	15.67	4.66
22 11 19 00-0496	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon	14.14	4.85
22 11 19 00-0497	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon	17.92	5.34
22 11 19 00-0498	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon	20.76	5.82
22 11 19 00-0499		Split-Ring/Springs Chrome Plated Steel Escutcheons *(22 11 19 00-0485)*		
22 11 19 00-0500	EA	3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	8.03	2.43
22 11 19 00-0501	EA	1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	8.03	2.43
22 11 19 00-0502	EA	3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	8.62	2.72
22 11 19 00-0503	EA	1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	8.85	2.91
22 11 19 00-0504	EA	1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	10.29	3.20
22 11 19 00-0505	EA	1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	10.91	3.39
22 11 19 00-0506	EA	2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	12.89	3.88
22 11 19 00-0507	EA	2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	14.71	4.18
22 11 19 00-0508	EA	3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	17.74	4.37
22 11 19 00-0509	EA	3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	21.55	4.66
22 11 19 00-0510	EA	4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	21.93	4.85
22 11 19 00-0511	EA	5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	35.30	5.34
22 11 19 00-0512	EA	6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	36.93	5.82
22 11 19 00-0513		Deep Bell Chrome Plated Steel Escutcheons *(22 11 19 00-0485)*		
22 11 19 00-0514	EA	3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon	6.45	2.73
22 11 19 00-0515	EA	1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	6.37	2.73
22 11 19 00-0516	EA	3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	6.21	2.73
22 11 19 00-0517	EA	1" IPS, Deep Bell Chrome Plated Steel Escutcheon	6.83	2.92
22 11 19 00-0518	EA	1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	7.44	3.21
22 11 19 00-0519	EA	1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.15	3.41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0520		**Shallow Chrome Plated Steel Escutcheons** *(22 11 19 00-0485)*		
22 11 19 00-0521	EA	3/8" IPS, Shallow Chrome Plated Steel Escutcheon	5.89	2.43
22 11 19 00-0522	EA	1/2" IPS, Shallow Chrome Plated Steel Escutcheon	5.89	2.43
22 11 19 00-0523	EA	3/4" IPS, Shallow Chrome Plated Steel Escutcheon	5.97	2.43
22 11 19 00-0524	EA	1" IPS, Shallow Chrome Plated Steel Escutcheon	6.36	2.92
22 11 19 00-0525	EA	1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon	6.90	3.21
22 11 19 00-0526	EA	1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon	7.61	3.41
22 11 19 00-0527	EA	2" IPS, Shallow Chrome Plated Steel Escutcheon	8.63	3.89
22 11 19 00-0528		**Keyed, Recessed Valve Boxes** *(22 11 19)*		
22 11 19 00-0529	EA	8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box	226.39	29.11
22 11 19 00-0530	EA	8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box	250.42	29.11
22 11 19 00-0531	EA	8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box	286.46	29.11
22 11 19 00-0532	EA	12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box	281.84	38.82
22 11 19 00-0533	EA	12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box	317.88	38.82
22 11 19 00-0534	EA	12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box	328.69	38.82
22 11 19 00-0535	EA	8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box	264.83	29.11
22 11 19 00-0536	EA	8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box	317.69	29.11
22 11 19 00-0537	EA	8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box	364.54	29.11
22 11 19 00-0538	EA	12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box	349.11	38.82
22 11 19 00-0539	EA	12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box	395.96	38.82
22 11 19 00-0540	EA	12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box	413.98	38.82

22 11 23 Domestic Water Pumps *(22 11)*

22 11 23 13 Domestic Water Packaged Booster Pumps And Tanks *(22 11 23)*

Note: Includes motor starter and controls.

22 11 23 13-0001		**Simplex Domestic Water Packaged Booster Pumps And Tank** *(22 11 23 13)*		
22 11 23 13-0002	EA	1 HP Simplex Domestic Water Packaged Booster Pump And Tank	4,704.57	286.57
22 11 23 13-0003	EA	1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	5,011.73	385.07
22 11 23 13-0004	EA	2 HP Simplex Domestic Water Packaged Booster Pump And Tank	5,349.32	483.58
22 11 23 13-0005	EA	3 HP Simplex Domestic Water Packaged Booster Pump And Tank	5,671.70	582.08
22 11 23 13-0006	EA	5 HP Simplex Domestic Water Packaged Booster Pump And Tank	6,328.97	680.59
22 11 23 13-0007	EA	7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	7,062.33	779.10
22 11 23 13-0008	EA	10 HP Simplex Domestic Water Packaged Booster Pump And Tank	7,613.04	877.61
22 11 23 13-0009		**Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator** *(22 11 23 13)*		
22 11 23 13-0010	EA	100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	13,208.36	1,161.08
22 11 23 13-0011	EA	200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	15,679.92	1,233.64
22 11 23 13-0012	EA	300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	18,161.21	1,306.21
22 11 23 13-0013		**Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator** *(22 11 23 13)*		
22 11 23 13-0014	EA	200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	16,977.60	1,233.64
22 11 23 13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	20,818.78	1,306.21
22 11 23 13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	25,637.09	1,451.35
22 11 23 13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	32,142.58	1,596.48
22 11 23 13-0018	EA	1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	38,648.06	1,741.61
22 11 23 13-0019	EA	1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	44,927.39	1,959.32
22 11 23 13-0020	EA	2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	51,206.72	2,177.01
22 11 23 13-0021	EA	3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	57,486.06	2,394.72
22 11 23 13-0022	EA	5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	63,946.81	2,684.99
22 11 23 13-0023		**Variable Speed Duplex Domestic Water Pressure Booster Skid** *(22 11 23 13)* Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.		
22 11 23 13-0024	EA	40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1)	24,537.23	1,193.89
22 11 23 13-0025	EA	40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2)	25,643.63	1,193.89
22 11 23 13-0026	EA	80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3)	27,224.54	1,193.89
22 11 23 13-0027	EA	80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4)	29,503.41	1,193.89
22 11 23 13-0028	EA	160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5)	27,895.22	1,268.50
22 11 23 13-0029	EA	160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6)	29,884.57	1,268.50
22 11 23 13-0030	EA	160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7)	32,586.29	1,268.50
22 11 23 13-0031	EA	160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8)	34,782.27	1,268.50
22 11 23 13-0032	EA	240 To 280 GPM At 40 To 50 PSI , NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9)	30,466.34	1,343.12
22 11 23 13-0033	EA	280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10)	32,430.46	1,343.12
22 11 23 13-0034	EA	240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11)	36,822.41	1,343.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0035	EA	240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12)	44,193.59	1,343.12
22 11 23 13-0036	EA	360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13)	32,154.16	1,343.12
22 11 23 13-0037	EA	360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14)	36,160.50	1,343.12
22 11 23 13-0038	EA	360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15)	44,979.24	1,343.12
22 11 23 13-0039	EA	360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16)	44,724.57	1,343.12
22 11 23 13-0040	EA	440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17)	53,307.34	1,492.35
22 11 23 13-0041	EA	440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18)	36,789.46	1,492.35
22 11 23 13-0042	EA	440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19)	44,820.16	1,492.35
22 11 23 13-0043	EA	440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20)	44,566.68	1,492.35
22 11 23 13-0044	EA	440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21)	53,701.37	1,492.35
22 11 23 13-0045	EA	440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22)	64,874.66	1,492.35
22 11 23 13-0046	EA	60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1)	30,918.54	1,193.89

22 11 23 13-0047 Variable Speed Triplex Domestic Water Pressure Booster Skid *(22 11 23 13)*

Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.

22 11 23 13-0048	EA	60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2)	30,918.54	1,193.89
22 11 23 13-0049	EA	120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3)	34,544.06	1,193.89
22 11 23 13-0050	EA	60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4)	37,672.25	1,193.89
22 11 23 13-0051	EA	180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5)	34,730.61	1,268.50
22 11 23 13-0052	EA	180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6)	37,837.17	1,268.50
22 11 23 13-0053	EA	240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7)	35,456.20	1,268.50
22 11 23 13-0054	EA	240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8)	38,126.69	1,268.50
22 11 23 13-0055	EA	240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9)	41,799.06	1,268.50
22 11 23 13-0056	EA	240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10)	44,843.16	1,268.50
22 11 23 13-0057	EA	300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11)	35,818.13	1,343.12
22 11 23 13-0058	EA	300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12)	38,488.62	1,343.12
22 11 23 13-0059	EA	300 GPM At80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13)	42,159.79	1,343.12
22 11 23 13-0060	EA	300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14)	45,203.88	1,343.12
22 11 23 13-0061	EA	360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15)	38,821.38	1,343.12
22 11 23 13-0062	EA	360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16)	41,386.15	1,343.12
22 11 23 13-0063	EA	360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17)	47,723.01	1,343.12
22 11 23 13-0064	EA	360 GPM At140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18)	58,063.80	1,343.12
22 11 23 13-0065	EA	480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19)	39,718.23	1,492.35
22 11 23 13-0066	EA	480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20)	42,284.21	1,492.35
22 11 23 13-0067	EA	480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21)	48,621.07	1,492.35
22 11 23 13-0068	EA	480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22)	58,960.66	1,492.35
22 11 23 13-0069	EA	540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23)	41,868.56	1,492.35
22 11 23 13-0070	EA	540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24)	47,627.59	1,492.35
22 11 23 13-0071	EA	540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25)	60,137.93	1,492.35
22 11 23 13-0072	EA	540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26)	61,350.04	1,492.35
22 11 23 13-0073	EA	540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27)	75,872.56	1,492.35
22 11 23 13-0074	EA	660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28)	47,486.00	1,790.83
22 11 23 13-0075	EA	660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29)	56,977.47	1,790.83
22 11 23 13-0076	EA	660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30)	60,576.57	1,790.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0077	EA	660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31)	72,922.33	1,790.83
22 11 23 13-0078	EA	660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32)	90,198.22	1,790.83

22 11 23 23 Domestic-Water In-Line Pumps *(22 11 23)*

22 11 23 23-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*

Note: ODP motor.

22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B)	709.50	161.19
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B)	725.64	161.19
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B)	756.82	164.33
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B)	827.87	171.04
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B)	1,404.59	177.39
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB)	1,491.05	177.39
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB)	2,185.64	195.31
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB)	2,285.87	214.57
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB)	2,752.98	236.07
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S)	2,825.11	259.81
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S)	3,090.28	285.35
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S)	4,370.32	314.02
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S)	5,014.60	329.25

22 11 23 23-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)*

Note: ODP motor.

22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30)	734.88	161.19
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36)	1,162.64	161.19
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	1,169.12	164.33
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	1,189.79	167.91
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50)	1,196.05	171.04
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75)	1,220.50	177.39
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2)	1,478.69	195.31
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30)	1,898.21	236.07
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S)	2,006.52	259.81
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S)	2,330.84	285.35
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S)	3,102.34	314.02
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S)	3,604.22	329.25
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	3,266.21	345.82
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	3,516.35	380.13
22 11 23 23-0030	EA	5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	3,863.23	403.16
22 11 23 23-0031	EA	7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	4,844.76	447.96
22 11 23 23-0032	EA	10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	5,177.03	537.64
22 11 23 23-0033	EA	15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	6,568.13	627.41

22 12 Facility Potable-Water Storage Tanks *(22 10)*

22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks *(22 12)*

22 12 19 00-0001 Steel, Horizontal, Ground-Mounted Water Tanks *(22 12 19)*

22 12 19 00-0002	EA	5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	26,873.98	7,731.29
22 12 19 00-0003	EA	10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	29,780.65	7,731.29
22 12 19 00-0004	EA	20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	52,282.84	11,931.03
22 12 19 00-0005	EA	35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	67,527.75	15,462.59

22 12 19 00-0006 Galvanized Steel, Flat Bottom, Vertical Storage Tanks *(22 12 19)*

22 12 19 00-0007	EA	5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	31,180.16	7,731.29
22 12 19 00-0008	EA	10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	41,299.70	7,731.29
22 12 19 00-0009	EA	20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	61,947.06	11,931.03
22 12 19 00-0010	EA	35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	87,395.55	15,462.59

22 12 23 Facility Indoor Potable-Water Storage Tanks *(22 12)*

22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks *(22 12 23)*

22 12 23 13-0001 Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) *(22 12 23 13)*

22 12 23 13-0002	EA	80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	1,929.71	358.20
22 12 23 13-0003	EA	119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M)	2,391.62	447.76
22 12 23 13-0004	EA	140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	4,331.94	492.53
22 12 23 13-0005	EA	200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A)	4,788.83	537.31
22 12 23 13-0006	EA	250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A)	9,393.02	582.08
22 12 23 13-0007	EA	350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	8,124.53	626.86
22 12 23 13-0008	EA	400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	13,846.89	671.63
22 12 23 13-0009	EA	500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	12,784.39	716.41
22 12 23 13-0010	EA	750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	13,884.12	761.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 13-0011	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	16,517.88	805.96

22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) *(22 12 23 13)*

22 12 23 13-0013	EA	80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	1,664.11	358.20
22 12 23 13-0014	EA	120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S)	3,139.71	447.76
22 12 23 13-0015	EA	140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	3,909.53	492.53
22 12 23 13-0016	EA	200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	4,814.97	537.31
22 12 23 13-0017	EA	200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	4,109.23	537.31
22 12 23 13-0018	EA	250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	6,293.82	582.08
22 12 23 13-0019	EA	325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	6,810.84	626.86
22 12 23 13-0020	EA	350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	6,490.24	626.86
22 12 23 13-0021	EA	350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	5,935.64	626.86
22 12 23 13-0022	EA	400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	8,075.96	671.63
22 12 23 13-0023	EA	500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	8,757.91	716.41
22 12 23 13-0024	EA	750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	10,150.52	761.18
22 12 23 13-0025	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	18,892.59	805.96

22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks *(22 12 23)*

22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

Note: Excludes excavation and backfill.

22 12 23 26-0002	EA	100 Gallon Horizontal Non-Pressurized Polyethylene Tank	498.61	201.49
		For Saddle Assembly, Add	*548.37*	
22 12 23 26-0003	EA	150 Gallon Horizontal Non-Pressurized Polyethylene Tank	583.73	235.07
		For Saddle Assembly, Add	*548.37*	
22 12 23 26-0004	EA	200 Gallon Horizontal Non-Pressurized Polyethylene Tank	689.02	268.65
		For Saddle Assembly, Add	*616.96*	
22 12 23 26-0005	EA	300 Gallon Horizontal Non-Pressurized Polyethylene Tank	830.63	302.23
		For Saddle Assembly, Add	*884.58*	
22 12 23 26-0006	EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank	987.04	335.82
		For Two Tie Down Bands, Add	*321.63*	
22 12 23 26-0007	EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,269.41	446.82
		For Two Tie Down Bands, Add	*340.46*	
22 12 23 26-0008	EA	1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,849.17	521.29
		For Three Tie Down Bands, Add	*571.20*	
22 12 23 26-0009	EA	1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,616.62	595.77
		For Three Tie Down Bands, Add	*575.24*	
22 12 23 26-0010	EA	1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	3,241.75	670.24
		For Four Tie Down Bands, Add	*777.74*	
22 12 23 26-0011	EA	2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	3,784.12	744.71
		For Four Tie Down Bands, Add	*1,052.09*	
22 12 23 26-0012	EA	2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	5,328.53	819.18
		For Four Tie Down Bands, Add	*1,353.34*	
22 12 23 26-0013	EA	3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank	6,154.04	893.64
		For Four Tie Down Bands, Add	*1,455.55*	
22 12 23 26-0014	EA	4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	8,809.36	1,191.52
		For Four Tie Down Bands, Add	*1,633.07*	
22 12 23 26-0015	EA	5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank	11,281.09	1,191.52
		For Five Tie Down Bands, Add	*2,532.23*	

22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks *(22 12 23 26)*

22 12 23 26-0017	EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	561.26	268.65
22 12 23 26-0018	EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	663.01	285.44
22 12 23 26-0019	EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	724.39	302.23
22 12 23 26-0020	EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	867.34	335.82
22 12 23 26-0021	EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	995.89	402.98
22 12 23 26-0022	EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	1,174.20	470.15
22 12 23 26-0023	EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	1,606.63	595.77
22 12 23 26-0024	EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,071.50	744.71
22 12 23 26-0025	EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,748.85	893.64
22 12 23 26-0026	EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	3,552.63	1,042.58
22 12 23 26-0027	EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,113.56	1,191.52
22 12 23 26-0028	EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	6,833.19	1,340.46
22 12 23 26-0029	EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	7,736.48	1,489.40
22 12 23 26-0030	EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	8,524.12	1,638.34
22 12 23 26-0031	EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	9,787.84	1,787.29
22 12 23 26-0032	EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	11,028.69	1,936.23
22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	13,547.16	2,085.17
22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	16,257.48	2,383.05

22 13 Facility Sanitary Sewerage *(22 10)*

22 13 13 Facility Sanitary Sewers *(22 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0001		**Fixture Rough-In** *(22 13 13)* Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible. See CSI section 22 07 19 00-0000 for insulation, 22 11 16 00-0368 for copper pipe and fittings, 22 13 16 00-0000 for PVC or cast iron sanitary waste and vent pipe and fittings, 23 05 29 00-0000 for hangers.		
22 13 13 00-0002		**Single Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	844.18	
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,110.44	
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	770.00	
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	497.19	
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	585.85	
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	749.35	
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	795.63	
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	481.13	
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	770.00	
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	793.57	
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	748.78	
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	844.18	
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,321.89	
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	818.05	
22 13 13 00-0017		**Double Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,094.59	
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,488.28	
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	945.53	
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	592.61	
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	799.03	
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	845.92	
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	561.05	
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	954.47	
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	835.14	
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	812.77	
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	1,094.59	
22 13 13 00-0029		**Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	546.88	
22 13 13 00-0031	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	744.14	
22 13 13 00-0032	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	473.21	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0033	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	296.74	
22 13 13 00-0034	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	399.53	
22 13 13 00-0035	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	422.94	
22 13 13 00-0036	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	302.91	
22 13 13 00-0037	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	476.80	
22 13 13 00-0038	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	417.56	
22 13 13 00-0039	EA	Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	406.81	
22 13 13 00-0040	EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	540.60	

22 13 13 00-0041 Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0042	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	410.04	
22 13 13 00-0043	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	393.63	
22 13 13 00-0044	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	399.75	
22 13 13 00-0045	EA	Wall Mounted Urinal, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	230.13	
22 13 13 00-0046	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	268.72	
22 13 13 00-0047	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	380.40	
22 13 13 00-0048	EA	Bathtub, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	373.56	
22 13 13 00-0049	EA	Free Standing Water Cooler, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	231.24	
22 13 13 00-0050	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	399.75	
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	432.74	
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	393.48	
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	409.94	
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	627.31	
22 13 13 00-0055	EA	Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	393.14	

22 13 13 00-0056 Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	477.34	
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	510.39	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	417.13	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	243.23	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	380.53	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	393.67	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	242.21	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	425.09	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	438.45	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	418.47	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	477.34	

22 13 13 00-0068 Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	238.31	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	254.76	
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	208.82	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	121.66	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	190.24	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	196.61	
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	121.10	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	212.46	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	219.26	
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	209.62	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	232.37	

22 13 16 Sanitary Waste And Vent Piping *(22 13)*

22 13 16 00-0001 Cast Iron Soil Pipe Assemblies *(22 13 16)*

22 13 16 00-0002 Underground Bell And Spigot Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)*

Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.

22 13 16 00-0003	LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	27.62	5.64
		For Work In Restricted Working Space, Add	*4.14*	
22 13 16 00-0004	LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	39.42	8.51
		For Work In Restricted Working Space, Add	*5.61*	
22 13 16 00-0005	LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	51.14	10.84
		For Work In Restricted Working Space, Add	*7.22*	
22 13 16 00-0006	LF	5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	59.54	13.14
		For Work In Restricted Working Space, Add	*7.40*	
22 13 16 00-0007	LF	6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	69.87	14.32
		For Work In Restricted Working Space, Add	*8.21*	
22 13 16 00-0008	LF	8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	110.64	20.37
		For Work In Restricted Working Space, Add	*11.53*	
22 13 16 00-0009	LF	10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	161.96	20.37
		For Work In Restricted Working Space, Add	*13.06*	

22 13 16 00-0010 Aboveground No Hub Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)*

Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0011	LF	1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	23.73	5.37
		For Work In Restricted Working Space, Add	*4.72*	
22 13 16 00-0012	LF	2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	25.23	5.73
		For Work In Restricted Working Space, Add	*5.07*	
22 13 16 00-0013	LF	3" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	32.20	8.33
		For Work In Restricted Working Space, Add	*6.22*	
22 13 16 00-0014	LF	4" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	38.29	10.84
		For Work In Restricted Working Space, Add	*7.43*	
22 13 16 00-0015	LF	5" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	48.99	12.89
		For Work In Restricted Working Space, Add	*8.75*	
22 13 16 00-0016	LF	6" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	55.11	14.07
		For Work In Restricted Working Space, Add	*9.53*	
22 13 16 00-0017	LF	8" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	84.68	20.20
		For Work In Restricted Working Space, Add	*13.15*	
22 13 16 00-0018	LF	10" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available.	117.05	22.95
		For Work In Restricted Working Space, Add	*15.28*	

22 13 16 00-0019 Bell And Spigot Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).

22 13 16 00-0020 Bell And Spigot Cast Iron Pipe *(22 13 16 00-0019)*

Note: Excludes excavation, hangers, gaskets, and fittings.

22 13 16 00-0021	LF	2" Bell And Spigot Cast Iron Pipe	19.60	5.64
		For Extra Heavy Pipe, Add	*4.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.43*	
		For Work In Restricted Working Space, Add	*2.56*	
22 13 16 00-0022	LF	3" Bell And Spigot Cast Iron Pipe	28.67	8.51
		For Extra Heavy Pipe, Add	*6.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.64*	
		For Work In Restricted Working Space, Add	*3.84*	
22 13 16 00-0023	LF	4" Bell And Spigot Cast Iron Pipe	36.92	10.84
		For Extra Heavy Pipe, Add	*8.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.81*	
		For Work In Restricted Working Space, Add	*4.88*	
22 13 16 00-0024	LF	5" Bell And Spigot Cast Iron Pipe	48.78	13.14
		For Extra Heavy Pipe, Add	*12.23*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.98*	
		For Work In Restricted Working Space, Add	*5.90*	
22 13 16 00-0025	LF	6" Bell And Spigot Cast Iron Pipe	56.92	14.32
		For Extra Heavy Pipe, Add	*14.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.07*	
		For Work In Restricted Working Space, Add	*6.44*	
22 13 16 00-0026	LF	8" Bell And Spigot Cast Iron Pipe	85.72	20.37
		For Extra Heavy Pipe, Add	*23.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.53*	
		For Work In Restricted Working Space, Add	*9.17*	
22 13 16 00-0027	LF	10" Bell And Spigot Cast Iron Pipe	126.21	22.95
		For Extra Heavy Pipe, Add	*38.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.72*	
		For Work In Restricted Working Space, Add	*10.31*	
22 13 16 00-0028	LF	12" Bell And Spigot Cast Iron Pipe	179.24	30.59
		For Extra Heavy Pipe, Add	*56.03*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.29*	
		For Work In Restricted Working Space, Add	*13.75*	
22 13 16 00-0029	LF	15" Bell And Spigot Cast Iron Pipe	249.98	36.69
		For Extra Heavy Pipe, Add	*81.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.75*	
		For Work In Restricted Working Space, Add	*16.50*	

22 13 16 00-0030 Bell And Spigot Cast Iron Fittings *(22 13 16 00-0019)*

22 13 16 00-0031 Bell And Spigot Cast Iron Long Sweeps *(22 13 16 00-0030)*

22 13 16 00-0032	EA	2" Bell And Spigot Cast Iron Long Sweep	88.79	25.71
		For Extra Heavy Fittings, Add	*17.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.93*	
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0033	EA	3" Bell And Spigot Cast Iron Long Sweep	150.41	32.33
		For Extra Heavy Fittings, Add	*35.70*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.42*	
		For Work In Restricted Working Space, Add	*14.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0034	EA	4" Bell And Spigot Cast Iron Long Sweep	200.40	42.99
		For Extra Heavy Fittings, Add	*47.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0035	EA	6" Bell And Spigot Cast Iron Long Sweep	312.28	55.60
		For Extra Heavy Fittings, Add	*80.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.17*	
		For Work In Restricted Working Space, Add	*25.01*	
22 13 16 00-0036	EA	8" Bell And Spigot Cast Iron Long Sweep	618.02	71.67
		For Extra Heavy Fittings, Add	*178.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.37*	
		For Work In Restricted Working Space, Add	*32.23*	
22 13 16 00-0037	EA	10" Bell And Spigot Cast Iron Long Sweep	845.37	88.18
		For Extra Heavy Fittings, Add	*249.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.61*	
		For Work In Restricted Working Space, Add	*39.67*	
22 13 16 00-0038	EA	12" Bell And Spigot Cast Iron Long Sweep	1,296.38	123.06
		For Extra Heavy Fittings, Add	*389.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.23*	
		For Work In Restricted Working Space, Add	*55.36*	
22 13 16 00-0039	EA	15" Bell And Spigot Cast Iron Long Sweep	2,407.36	171.37
		For Extra Heavy Fittings, Add	*752.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.85*	
		For Work In Restricted Working Space, Add	*77.08*	

22 13 16 00-0040 Bell And Spigot Cast Iron Short Sweeps *(22 13 16 00-0030)*

22 13 16 00-0041	EA	2" Bell And Spigot Cast Iron Short Sweep	75.51	25.71
		For Extra Heavy Fittings, Add	*12.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.93*	
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0042	EA	3" Bell And Spigot Cast Iron Short Sweep	128.13	32.33
		For Extra Heavy Fittings, Add	*27.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.42*	
		For Work In Restricted Working Space, Add	*14.52*	
22 13 16 00-0043	EA	4" Bell And Spigot Cast Iron Short Sweep	175.35	42.99
		For Extra Heavy Fittings, Add	*38.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0044	EA	5" Bell And Spigot Cast Iron Short Sweep	262.62	47.27
		For Extra Heavy Fittings, Add	*67.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.54*	
		For Work In Restricted Working Space, Add	*21.25*	
22 13 16 00-0045	EA	6" Bell And Spigot Cast Iron Short Sweep	317.05	55.60
		For Extra Heavy Fittings, Add	*81.80*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.17*	
		For Work In Restricted Working Space, Add	*25.01*	
22 13 16 00-0046	EA	8" Bell And Spigot Cast Iron Short Sweep	522.01	71.67
		For Extra Heavy Fittings, Add	*145.10*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.37*	
		For Work In Restricted Working Space, Add	*32.23*	
22 13 16 00-0047	EA	10" Bell And Spigot Cast Iron Short Sweep	763.45	88.18
		For Extra Heavy Fittings, Add	*220.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.61*	
		For Work In Restricted Working Space, Add	*39.67*	
22 13 16 00-0048	EA	12" Bell And Spigot Cast Iron Short Sweep	1,265.83	123.06
		For Extra Heavy Fittings, Add	*378.46*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.23*	
		For Work In Restricted Working Space, Add	*55.36*	

22 13 16 00-0049 Bell And Spigot Cast Iron 1/4 Bends *(22 13 16 00-0030)*

22 13 16 00-0050	EA	2" Bell And Spigot Cast Iron 1/4 Bend	67.98	25.61
		For Extra Heavy Fittings, Add	*10.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.92*	
		For Work In Restricted Working Space, Add	*11.53*	
22 13 16 00-0051	EA	3" Bell And Spigot Cast Iron 1/4 Bend	102.31	28.83
		For Extra Heavy Fittings, Add	*20.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.16*	
		For Work In Restricted Working Space, Add	*12.98*	
22 13 16 00-0052	EA	4" Bell And Spigot Cast Iron 1/4 Bend	146.22	38.42
		For Extra Heavy Fittings, Add	*31.02*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.88*	
		For Work In Restricted Working Space, Add	*17.27*	
22 13 16 00-0053	EA	5" Bell And Spigot Cast Iron 1/4 Bend	182.29	42.21
		For Extra Heavy Fittings, Add	*41.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.16*	
		For Work In Restricted Working Space, Add	*18.97*	
22 13 16 00-0054	EA	6" Bell And Spigot Cast Iron 1/4 Bend	219.26	50.55
		For Extra Heavy Fittings, Add	*50.20*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.79*	
		For Work In Restricted Working Space, Add	*22.75*	
22 13 16 00-0055	EA	8" Bell And Spigot Cast Iron 1/4 Bend	454.81	66.00
		For Extra Heavy Fittings, Add	*124.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.95*	
		For Work In Restricted Working Space, Add	*29.68*	
22 13 16 00-0056	EA	10" Bell And Spigot Cast Iron 1/4 Bend	670.69	80.10
		For Extra Heavy Fittings, Add	*192.72*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.00*	
		For Work In Restricted Working Space, Add	*36.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0057	EA	12" Bell And Spigot Cast Iron 1/4 Bend	884.22	94.53
		For Extra Heavy Fittings, Add	*259.86*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.09*	
		For Work In Restricted Working Space, Add	*42.53*	
22 13 16 00-0058	EA	15" Bell And Spigot Cast Iron 1/4 Bend	2,259.31	149.10
		For Extra Heavy Fittings, Add	*712.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.18*	
		For Work In Restricted Working Space, Add	*67.05*	

22 13 16 00-0059 Bell And Spigot Cast Iron 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0060	EA	2" Bell And Spigot Cast Iron 1/8 Bend	62.10	25.71
		For Extra Heavy Fittings, Add	*8.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.93*	
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0061	EA	3" Bell And Spigot Cast Iron 1/8 Bend	97.09	32.33
		For Extra Heavy Fittings, Add	*17.04*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.42*	
		For Work In Restricted Working Space, Add	*14.52*	
22 13 16 00-0062	EA	4" Bell And Spigot Cast Iron 1/8 Bend	138.30	42.99
		For Extra Heavy Fittings, Add	*25.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0063	EA	5" Bell And Spigot Cast Iron 1/8 Bend	172.30	52.82
		For Extra Heavy Fittings, Add	*32.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.96*	
		For Work In Restricted Working Space, Add	*23.75*	
22 13 16 00-0064	EA	6" Bell And Spigot Cast Iron 1/8 Bend	199.26	58.89
		For Extra Heavy Fittings, Add	*38.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.42*	
		For Work In Restricted Working Space, Add	*26.50*	
22 13 16 00-0065	EA	8" Bell And Spigot Cast Iron 1/8 Bend	396.05	79.06
		For Extra Heavy Fittings, Add	*97.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.93*	
		For Work In Restricted Working Space, Add	*35.56*	
22 13 16 00-0066	EA	10" Bell And Spigot Cast Iron 1/8 Bend	553.90	97.54
		For Extra Heavy Fittings, Add	*142.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.88*	
22 13 16 00-0067	EA	12" Bell And Spigot Cast Iron 1/8 Bend	894.94	126.50
		For Extra Heavy Fittings, Add	*246.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.48*	
		For Work In Restricted Working Space, Add	*56.88*	
22 13 16 00-0068	EA	15" Bell And Spigot Cast Iron 1/8 Bend	1,714.76	149.10
		For Extra Heavy Fittings, Add	*521.94*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.18*	
		For Work In Restricted Working Space, Add	*67.05*	

22 13 16 00-0069 Bell And Spigot Cast Iron Wyes *(22 13 16 00-0030)*

22 13 16 00-0070	EA	2" Bell And Spigot Cast Iron Wye	108.81	57.41
		For Extra Heavy Fittings, Add	*7.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.31*	
		For Work In Restricted Working Space, Add	*25.83*	
22 13 16 00-0071	EA	3" Bell And Spigot Cast Iron Wye	136.78	62.87
		For Extra Heavy Fittings, Add	*14.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.28*	
22 13 16 00-0072	EA	4" Bell And Spigot Cast Iron Wye	180.07	82.39
		For Extra Heavy Fittings, Add	*19.80*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.05*	
22 13 16 00-0073	EA	5" Bell And Spigot Cast Iron Wye	230.60	90.90
		For Extra Heavy Fittings, Add	*33.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.82*	
		For Work In Restricted Working Space, Add	*40.90*	
22 13 16 00-0074	EA	6" Bell And Spigot Cast Iron Wye	289.30	107.75
		For Extra Heavy Fittings, Add	*44.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.08*	
		For Work In Restricted Working Space, Add	*48.47*	
22 13 16 00-0075	EA	8" Bell And Spigot Cast Iron Wye	529.70	144.38
		For Extra Heavy Fittings, Add	*109.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.82*	
		For Work In Restricted Working Space, Add	*64.94*	
22 13 16 00-0076	EA	10" Bell And Spigot Cast Iron Wye	742.70	163.80
		For Extra Heavy Fittings, Add	*174.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.28*	
		For Work In Restricted Working Space, Add	*73.67*	
22 13 16 00-0077	EA	12" Bell And Spigot Cast Iron Wye	1,098.71	199.38
		For Extra Heavy Fittings, Add	*279.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.95*	
		For Work In Restricted Working Space, Add	*89.68*	
22 13 16 00-0078	EA	15" Bell And Spigot Cast Iron Wye	1,704.89	223.70
		For Extra Heavy Fittings, Add	*479.33*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.77*	
		For Work In Restricted Working Space, Add	*100.61*	

22 13 16 00-0079 Bell And Spigot Cast Iron Reducing Wyes *(22 13 16 00-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0080	EA	3" x 2" Bell And Spigot Cast Iron Reducing Wye	171.61	60.00
		For Extra Heavy Fittings, Add	*28.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.50*	
		For Work In Restricted Working Space, Add	*26.99*	
22 13 16 00-0081	EA	4" x 2" Bell And Spigot Cast Iron Reducing Wye	208.89	74.15
		For Extra Heavy Fittings, Add	*34.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.37*	
22 13 16 00-0082	EA	4" x 3" Bell And Spigot Cast Iron Reducing Wye	232.96	76.03
		For Extra Heavy Fittings, Add	*41.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.70*	
		For Work In Restricted Working Space, Add	*34.22*	
22 13 16 00-0083	EA	6" x 2" Bell And Spigot Cast Iron Reducing Wye	342.86	96.55
		For Extra Heavy Fittings, Add	*69.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.23*	
		For Work In Restricted Working Space, Add	*43.40*	
22 13 16 00-0084	EA	6" x 3" Bell And Spigot Cast Iron Reducing Wye	351.74	98.32
		For Extra Heavy Fittings, Add	*71.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.37*	
		For Work In Restricted Working Space, Add	*44.23*	
22 13 16 00-0085	EA	6" x 4" Bell And Spigot Cast Iron Reducing Wye	368.18	104.88
		For Extra Heavy Fittings, Add	*73.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.86*	
		For Work In Restricted Working Space, Add	*47.18*	
22 13 16 00-0086	EA	8" x 2" Bell And Spigot Cast Iron Reducing Wye	541.63	116.11
		For Extra Heavy Fittings, Add	*128.65*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.70*	
		For Work In Restricted Working Space, Add	*52.22*	
22 13 16 00-0087	EA	8" x 3" Bell And Spigot Cast Iron Reducing Wye	566.19	118.34
		For Extra Heavy Fittings, Add	*136.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.87*	
		For Work In Restricted Working Space, Add	*53.21*	
22 13 16 00-0088	EA	8" x 4" Bell And Spigot Cast Iron Reducing Wye	579.82	123.92
		For Extra Heavy Fittings, Add	*137.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.75*	
22 13 16 00-0089	EA	8" x 6" Bell And Spigot Cast Iron Reducing Wye	685.17	137.85
		For Extra Heavy Fittings, Add	*167.46*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.34*	
		For Work In Restricted Working Space, Add	*62.01*	
22 13 16 00-0090	EA	10" x 3" Bell And Spigot Cast Iron Reducing Wye	845.30	129.17
		For Extra Heavy Fittings, Add	*228.07*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.68*	
		For Work In Restricted Working Space, Add	*58.10*	
22 13 16 00-0091	EA	10" x 4" Bell And Spigot Cast Iron Reducing Wye	879.32	134.84
		For Extra Heavy Fittings, Add	*236.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.11*	
		For Work In Restricted Working Space, Add	*60.66*	
22 13 16 00-0092	EA	10" x 6" Bell And Spigot Cast Iron Reducing Wye	961.96	149.10
		For Extra Heavy Fittings, Add	*258.46*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.18*	
		For Work In Restricted Working Space, Add	*67.05*	
22 13 16 00-0093	EA	10" x 8" Bell And Spigot Cast Iron Reducing Wye	1,272.33	158.13
		For Extra Heavy Fittings, Add	*362.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.85*	
		For Work In Restricted Working Space, Add	*71.12*	
22 13 16 00-0094	EA	12" x 4" Bell And Spigot Cast Iron Reducing Wye	1,309.61	158.13
		For Extra Heavy Fittings, Add	*375.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.85*	
		For Work In Restricted Working Space, Add	*71.12*	
22 13 16 00-0095	EA	12" x 6" Bell And Spigot Cast Iron Reducing Wye	1,362.95	171.37
		For Extra Heavy Fittings, Add	*387.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.85*	
		For Work In Restricted Working Space, Add	*77.08*	
22 13 16 00-0096	EA	12" x 8" Bell And Spigot Cast Iron Reducing Wye	1,600.72	179.87
		For Extra Heavy Fittings, Add	*465.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.48*	
		For Work In Restricted Working Space, Add	*80.88*	
22 13 16 00-0097	EA	12" x 10" Bell And Spigot Cast Iron Reducing Wye	1,946.16	185.20
		For Extra Heavy Fittings, Add	*583.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.88*	
		For Work In Restricted Working Space, Add	*83.30*	
22 13 16 00-0098	EA	15" x 4" Bell And Spigot Cast Iron Reducing Wye	3,219.40	174.63
		For Extra Heavy Fittings, Add	*1,035.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.09*	
		For Work In Restricted Working Space, Add	*78.54*	
22 13 16 00-0099	EA	15" x 6" Bell And Spigot Cast Iron Reducing Wye	3,359.89	188.98
		For Extra Heavy Fittings, Add	*1,076.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.17*	
		For Work In Restricted Working Space, Add	*85.02*	
22 13 16 00-0100	EA	15" x 8" Bell And Spigot Cast Iron Reducing Wye	3,428.70	197.14
		For Extra Heavy Fittings, Add	*1,096.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.78*	
		For Work In Restricted Working Space, Add	*88.67*	
22 13 16 00-0101	EA	15" x 10" Bell And Spigot Cast Iron Reducing Wye	3,508.53	203.85
		For Extra Heavy Fittings, Add	*1,121.04*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.28*	
		For Work In Restricted Working Space, Add	*91.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0102	EA	15" x 12" Bell And Spigot Cast Iron Reducing Wye	3,597.11	215.71
		For Extra Heavy Fittings, Add	*1,145.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.17*	
		For Work In Restricted Working Space, Add	*97.01*	

22 13 16 00-0103 Bell And Spigot Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0104	EA	2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	118.53	57.41
		For Extra Heavy Fittings, Add	*11.35*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.31*	
		For Work In Restricted Working Space, Add	*25.83*	
22 13 16 00-0105	EA	3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	142.78	62.87
		For Extra Heavy Fittings, Add	*16.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.28*	
22 13 16 00-0106	EA	4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	190.49	82.39
		For Extra Heavy Fittings, Add	*23.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.05*	
22 13 16 00-0107	EA	5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	264.34	95.37
		For Extra Heavy Fittings, Add	*42.49*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.15*	
		For Work In Restricted Working Space, Add	*42.88*	
22 13 16 00-0108	EA	6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	331.03	118.29
		For Extra Heavy Fittings, Add	*53.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.87*	
		For Work In Restricted Working Space, Add	*53.19*	
22 13 16 00-0109	EA	8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	607.29	155.47
		For Extra Heavy Fittings, Add	*130.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.65*	
		For Work In Restricted Working Space, Add	*69.92*	
22 13 16 00-0110	EA	10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	876.52	203.85
		For Extra Heavy Fittings, Add	*199.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.28*	
		For Work In Restricted Working Space, Add	*91.67*	
22 13 16 00-0111	EA	12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,175.28	262.03
		For Extra Heavy Fittings, Add	*273.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.64*	
		For Work In Restricted Working Space, Add	*117.86*	

22 13 16 00-0112 Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0113	EA	3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	126.36	60.00
		For Extra Heavy Fittings, Add	*12.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.50*	
		For Work In Restricted Working Space, Add	*26.99*	
22 13 16 00-0114	EA	4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	178.04	74.15
		For Extra Heavy Fittings, Add	*23.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.37*	
22 13 16 00-0115	EA	4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	192.24	76.03
		For Extra Heavy Fittings, Add	*27.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.70*	
		For Work In Restricted Working Space, Add	*34.22*	
22 13 16 00-0116	EA	6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	284.46	96.55
		For Extra Heavy Fittings, Add	*48.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.23*	
		For Work In Restricted Working Space, Add	*43.40*	
22 13 16 00-0117	EA	6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	296.31	98.32
		For Extra Heavy Fittings, Add	*52.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.37*	
		For Work In Restricted Working Space, Add	*44.23*	
22 13 16 00-0118	EA	6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	314.09	104.88
		For Extra Heavy Fittings, Add	*54.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.86*	
		For Work In Restricted Working Space, Add	*47.18*	
22 13 16 00-0119	EA	8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	433.16	116.11
		For Extra Heavy Fittings, Add	*90.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.70*	
		For Work In Restricted Working Space, Add	*52.22*	
22 13 16 00-0120	EA	8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	444.93	123.92
		For Extra Heavy Fittings, Add	*90.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.75*	
22 13 16 00-0121	EA	8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	562.42	137.85
		For Extra Heavy Fittings, Add	*124.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.34*	
		For Work In Restricted Working Space, Add	*62.01*	

22 13 16 00-0122 Bell And Spigot Cast Iron Double Wyes *(22 13 16 00-0030)*

22 13 16 00-0123	EA	2" Bell And Spigot Cast Iron Double Wye	192.58	68.68
		For Extra Heavy Fittings, Add	*31.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.15*	
		For Work In Restricted Working Space, Add	*30.88*	
22 13 16 00-0124	EA	3" Bell And Spigot Cast Iron Double Wye	280.30	86.59
		For Extra Heavy Fittings, Add	*52.68*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.49*	
		For Work In Restricted Working Space, Add	*38.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0125	EA	4" Bell And Spigot Cast Iron Double Wye	380.36	109.52
		For Extra Heavy Fittings, Add	*75.64*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.21*	
		For Work In Restricted Working Space, Add	*49.28*	
22 13 16 00-0126	EA	6" Bell And Spigot Cast Iron Double Wye	727.60	165.54
		For Extra Heavy Fittings, Add	*167.79*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.41*	
		For Work In Restricted Working Space, Add	*74.46*	
22 13 16 00-0127	EA	8" Bell And Spigot Cast Iron Double Wye	1,459.46	195.17
		For Extra Heavy Fittings, Add	*408.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.63*	
		For Work In Restricted Working Space, Add	*87.77*	
22 13 16 00-0128	EA	10" Bell And Spigot Cast Iron Double Wye	1,935.00	218.37
		For Extra Heavy Fittings, Add	*562.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.37*	
		For Work In Restricted Working Space, Add	*98.22*	
22 13 16 00-0129	EA	12" Bell And Spigot Cast Iron Double Wye	1,339.27	262.03
		For Extra Heavy Fittings, Add	*331.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.64*	
		For Work In Restricted Working Space, Add	*117.86*	
22 13 16 00-0130	EA	15" Bell And Spigot Cast Iron Double Wye	3,786.69	275.01
		For Extra Heavy Fittings, Add	*1,180.96*	
		For Above Ground Cast Iron Pipe Installation, Add	*20.63*	
		For Work In Restricted Working Space, Add	*123.76*	

22 13 16 00-0131 Bell And Spigot Cast Iron Reducing Double Wyes *(22 13 16 00-0030)*

22 13 16 00-0132	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Wye	174.71	81.22
		For Extra Heavy Fittings, Add	*18.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.09*	
		For Work In Restricted Working Space, Add	*36.54*	
22 13 16 00-0133	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Wye	203.01	93.31
		For Extra Heavy Fittings, Add	*22.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.00*	
		For Work In Restricted Working Space, Add	*41.98*	
22 13 16 00-0134	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Wye	219.90	97.88
		For Extra Heavy Fittings, Add	*25.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.34*	
		For Work In Restricted Working Space, Add	*44.04*	
22 13 16 00-0135	EA	6" x 2" Bell And Spigot Cast Iron Reducing Double Wye	281.22	114.83
		For Extra Heavy Fittings, Add	*38.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.61*	
		For Work In Restricted Working Space, Add	*51.64*	
22 13 16 00-0136	EA	6" x 3" Bell And Spigot Cast Iron Reducing Double Wye	298.17	119.21
		For Extra Heavy Fittings, Add	*41.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.94*	
		For Work In Restricted Working Space, Add	*53.61*	
22 13 16 00-0137	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Wye	343.24	129.99
		For Extra Heavy Fittings, Add	*51.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.74*	
		For Work In Restricted Working Space, Add	*58.47*	
22 13 16 00-0138	EA	8" x 4" Bell And Spigot Cast Iron Reducing Double Wye	554.82	150.39
		For Extra Heavy Fittings, Add	*115.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.27*	
		For Work In Restricted Working Space, Add	*67.63*	
22 13 16 00-0139	EA	8" x 6" Bell And Spigot Cast Iron Reducing Double Wye	603.98	177.98
		For Extra Heavy Fittings, Add	*117.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.34*	
		For Work In Restricted Working Space, Add	*80.07*	
22 13 16 00-0140	EA	10" x 4" Bell And Spigot Cast Iron Reducing Double Wye	591.03	160.87
		For Extra Heavy Fittings, Add	*122.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.06*	
		For Work In Restricted Working Space, Add	*72.37*	
22 13 16 00-0141	EA	10" x 6" Bell And Spigot Cast Iron Reducing Double Wye	688.76	188.98
		For Extra Heavy Fittings, Add	*141.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.17*	
		For Work In Restricted Working Space, Add	*85.02*	
22 13 16 00-0142	EA	10" x 8" Bell And Spigot Cast Iron Reducing Double Wye	849.37	205.99
		For Extra Heavy Fittings, Add	*189.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.44*	
		For Work In Restricted Working Space, Add	*92.66*	
22 13 16 00-0143	EA	12" x 6" Bell And Spigot Cast Iron Reducing Double Wye	867.56	210.73
		For Extra Heavy Fittings, Add	*193.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.80*	
		For Work In Restricted Working Space, Add	*94.79*	
22 13 16 00-0144	EA	12" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,109.91	229.28
		For Extra Heavy Fittings, Add	*268.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.19*	
		For Work In Restricted Working Space, Add	*103.13*	

22 13 16 00-0145 Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0146	EA	2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	160.45	68.68
		For Extra Heavy Fittings, Add	*20.13*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.15*	
		For Work In Restricted Working Space, Add	*30.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0147	EA	3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	216.10	91.88
		For Extra Heavy Fittings, Add	*27.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.89*	
		For Work In Restricted Working Space, Add	*41.33*	
22 13 16 00-0148	EA	4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	282.45	114.89
		For Extra Heavy Fittings, Add	*38.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.61*	
		For Work In Restricted Working Space, Add	*51.67*	
22 13 16 00-0149	EA	6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	619.11	185.01
		For Extra Heavy Fittings, Add	*119.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.87*	
		For Work In Restricted Working Space, Add	*83.22*	

22 13 16 00-0150 Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0151	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	214.41	82.39
		For Extra Heavy Fittings, Add	*31.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.05*	
22 13 16 00-0152	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	254.47	93.31
		For Extra Heavy Fittings, Add	*40.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.00*	
		For Work In Restricted Working Space, Add	*41.98*	
22 13 16 00-0153	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	285.70	103.88
		For Extra Heavy Fittings, Add	*45.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.78*	
		For Work In Restricted Working Space, Add	*46.71*	
22 13 16 00-0154	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	571.72	137.99
		For Extra Heavy Fittings, Add	*127.68*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.35*	
		For Work In Restricted Working Space, Add	*62.08*	

22 13 16 00-0155 Bell And Spigot Cast Iron Sanitary Tees *(22 13 16 00-0030)*

22 13 16 00-0156	EA	2" Bell And Spigot Cast Iron Sanitary Tee	131.01	57.50
		For Extra Heavy Fittings, Add	*15.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.31*	
		For Work In Restricted Working Space, Add	*25.85*	
22 13 16 00-0157	EA	3" Bell And Spigot Cast Iron Sanitary Tee	149.01	62.87
		For Extra Heavy Fittings, Add	*19.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.28*	
22 13 16 00-0158	EA	4" Bell And Spigot Cast Iron Sanitary Tee	240.09	77.01
		For Extra Heavy Fittings, Add	*43.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.78*	
		For Work In Restricted Working Space, Add	*34.66*	
22 13 16 00-0159	EA	5" Bell And Spigot Cast Iron Sanitary Tee	347.89	84.08
		For Extra Heavy Fittings, Add	*77.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.31*	
		For Work In Restricted Working Space, Add	*37.84*	
22 13 16 00-0160	EA	6" Bell And Spigot Cast Iron Sanitary Tee	417.34	100.85
		For Extra Heavy Fittings, Add	*93.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.56*	
		For Work In Restricted Working Space, Add	*45.36*	
22 13 16 00-0161	EA	8" Bell And Spigot Cast Iron Sanitary Tee	898.49	131.92
		For Extra Heavy Fittings, Add	*245.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.89*	
		For Work In Restricted Working Space, Add	*59.34*	
22 13 16 00-0162	EA	10" Bell And Spigot Cast Iron Sanitary Tee	1,351.04	160.87
		For Extra Heavy Fittings, Add	*388.43*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.06*	
		For Work In Restricted Working Space, Add	*72.37*	
22 13 16 00-0163	EA	12" Bell And Spigot Cast Iron Sanitary Tee	2,016.99	188.98
		For Extra Heavy Fittings, Add	*606.76*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.17*	
		For Work In Restricted Working Space, Add	*85.02*	

22 13 16 00-0164 Bell And Spigot Cast Iron Reducing Sanitary Tees *(22 13 16 00-0030)*

22 13 16 00-0165	EA	3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	175.86	60.00
		For Extra Heavy Fittings, Add	*30.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.50*	
		For Work In Restricted Working Space, Add	*26.99*	
22 13 16 00-0166	EA	4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	208.22	70.29
		For Extra Heavy Fittings, Add	*36.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.27*	
		For Work In Restricted Working Space, Add	*31.61*	
22 13 16 00-0167	EA	4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	218.13	70.29
		For Extra Heavy Fittings, Add	*39.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.27*	
		For Work In Restricted Working Space, Add	*31.61*	
22 13 16 00-0168	EA	6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	329.65	96.55
		For Extra Heavy Fittings, Add	*64.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.23*	
		For Work In Restricted Working Space, Add	*43.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0169	EA	6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	343.25	98.32
		For Extra Heavy Fittings, Add	*68.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.37*	
		For Work In Restricted Working Space, Add	*44.23*	
22 13 16 00-0170	EA	6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	372.43	104.88
		For Extra Heavy Fittings, Add	*75.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.86*	
		For Work In Restricted Working Space, Add	*47.18*	
22 13 16 00-0171	EA	8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	635.97	123.92
		For Extra Heavy Fittings, Add	*157.55*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.75*	
22 13 16 00-0172	EA	8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee	798.89	137.85
		For Extra Heavy Fittings, Add	*207.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.34*	
		For Work In Restricted Working Space, Add	*62.01*	

22 13 16 00-0173 Bell And Spigot Cast Iron Vent Tees *(22 13 16 00-0030)*

22 13 16 00-0174	EA	2" Bell And Spigot Cast Iron Vent Tee	112.30	57.41
		For Extra Heavy Fittings, Add	*9.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.31*	
		For Work In Restricted Working Space, Add	*25.83*	
22 13 16 00-0175	EA	3" Bell And Spigot Cast Iron Vent Tee	139.85	62.87
		For Extra Heavy Fittings, Add	*15.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.28*	
22 13 16 00-0176	EA	4" Bell And Spigot Cast Iron Vent Tee	185.26	82.39
		For Extra Heavy Fittings, Add	*21.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.05*	
22 13 16 00-0177	EA	5" Bell And Spigot Cast Iron Vent Tee	235.08	95.37
		For Extra Heavy Fittings, Add	*32.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.15*	
		For Work In Restricted Working Space, Add	*42.88*	
22 13 16 00-0178	EA	6" Bell And Spigot Cast Iron Vent Tee	296.02	118.29
		For Extra Heavy Fittings, Add	*41.55*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.87*	
		For Work In Restricted Working Space, Add	*53.19*	
22 13 16 00-0179	EA	8" Bell And Spigot Cast Iron Vent Tee	509.33	155.47
		For Extra Heavy Fittings, Add	*96.69*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.65*	
		For Work In Restricted Working Space, Add	*69.92*	

22 13 16 00-0180 Bell And Spigot Cast Iron Tapped Sanitary Tees *(22 13 16 00-0030)*

22 13 16 00-0181	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Tee	115.37	57.41
		For Extra Heavy Fittings, Add	*10.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.31*	
		For Work In Restricted Working Space, Add	*25.83*	
22 13 16 00-0182	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Tee	127.35	62.87
		For Extra Heavy Fittings, Add	*11.58*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.28*	
22 13 16 00-0183	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Tee	164.26	82.39
		For Extra Heavy Fittings, Add	*14.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.05*	

22 13 16 00-0184 Bell And Spigot Cast Iron Tapped Sanitary Crosses *(22 13 16 00-0030)*

22 13 16 00-0185	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Cross	117.30	57.41
		For Extra Heavy Fittings, Add	*10.92*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.31*	
		For Work In Restricted Working Space, Add	*25.83*	
22 13 16 00-0186	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Cross	131.03	62.87
		For Extra Heavy Fittings, Add	*12.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.28*	
22 13 16 00-0187	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Cross	173.51	82.39
		For Extra Heavy Fittings, Add	*17.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.05*	

22 13 16 00-0188 Bell And Spigot Cast Iron Reducers *(22 13 16 00-0030)*

22 13 16 00-0189	EA	3" x 2" Bell And Spigot Cast Iron Reducer	64.96	32.33
		For Extra Heavy Fittings, Add	*5.80*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.42*	
		For Work In Restricted Working Space, Add	*14.52*	
22 13 16 00-0190	EA	4" x 2" Bell And Spigot Cast Iron Reducer	81.29	42.63
		For Extra Heavy Fittings, Add	*6.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.20*	
		For Work In Restricted Working Space, Add	*19.19*	
22 13 16 00-0191	EA	4" x 3" Bell And Spigot Cast Iron Reducer	86.94	42.99
		For Extra Heavy Fittings, Add	*7.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0192	EA	6" x 2" Bell And Spigot Cast Iron Reducer	109.29	51.05
		For Extra Heavy Fittings, Add	*11.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.83*	
		For Work In Restricted Working Space, Add	*22.98*	
22 13 16 00-0193	EA	6" x 3" Bell And Spigot Cast Iron Reducer	114.36	51.73
		For Extra Heavy Fittings, Add	*12.87*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.88*	
		For Work In Restricted Working Space, Add	*23.28*	
22 13 16 00-0194	EA	6" x 4" Bell And Spigot Cast Iron Reducer	118.04	52.82
		For Extra Heavy Fittings, Add	*13.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.96*	
		For Work In Restricted Working Space, Add	*23.75*	
22 13 16 00-0195	EA	8" x 2" Bell And Spigot Cast Iron Reducer	153.38	54.43
		For Extra Heavy Fittings, Add	*25.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.08*	
		For Work In Restricted Working Space, Add	*24.48*	
22 13 16 00-0196	EA	8" x 3" Bell And Spigot Cast Iron Reducer	172.89	66.95
		For Extra Heavy Fittings, Add	*25.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.02*	
		For Work In Restricted Working Space, Add	*30.11*	
22 13 16 00-0197	EA	8" x 4" Bell And Spigot Cast Iron Reducer	177.45	68.66
		For Extra Heavy Fittings, Add	*26.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.15*	
		For Work In Restricted Working Space, Add	*30.90*	
22 13 16 00-0198	EA	8" x 6" Bell And Spigot Cast Iron Reducer	183.26	71.67
		For Extra Heavy Fittings, Add	*26.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.37*	
		For Work In Restricted Working Space, Add	*32.23*	
22 13 16 00-0199	EA	10" x 4" Bell And Spigot Cast Iron Reducer	229.15	80.44
		For Extra Heavy Fittings, Add	*37.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.03*	
		For Work In Restricted Working Space, Add	*36.19*	
22 13 16 00-0200	EA	10" x 6" Bell And Spigot Cast Iron Reducer	241.61	84.48
		For Extra Heavy Fittings, Add	*40.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.34*	
		For Work In Restricted Working Space, Add	*38.01*	
22 13 16 00-0201	EA	10" x 8" Bell And Spigot Cast Iron Reducer	257.50	88.18
		For Extra Heavy Fittings, Add	*43.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.61*	
		For Work In Restricted Working Space, Add	*39.67*	
22 13 16 00-0202	EA	12" x 4" Bell And Spigot Cast Iron Reducer	320.41	95.57
		For Extra Heavy Fittings, Add	*62.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.16*	
		For Work In Restricted Working Space, Add	*42.97*	
22 13 16 00-0203	EA	12" x 6" Bell And Spigot Cast Iron Reducer	357.19	111.81
		For Extra Heavy Fittings, Add	*66.33*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.38*	
		For Work In Restricted Working Space, Add	*50.31*	
22 13 16 00-0204	EA	12" x 8" Bell And Spigot Cast Iron Reducer	386.09	127.36
		For Extra Heavy Fittings, Add	*68.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.55*	
		For Work In Restricted Working Space, Add	*57.29*	
22 13 16 00-0205	EA	12" x 10" Bell And Spigot Cast Iron Reducer	422.73	146.70
		For Extra Heavy Fittings, Add	*70.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.00*	
		For Work In Restricted Working Space, Add	*65.98*	
22 13 16 00-0206	EA	15" x 6" Bell And Spigot Cast Iron Reducer	553.96	146.70
		For Extra Heavy Fittings, Add	*116.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.00*	
		For Work In Restricted Working Space, Add	*65.98*	
22 13 16 00-0207	EA	15" x 8" Bell And Spigot Cast Iron Reducer	589.37	158.13
		For Extra Heavy Fittings, Add	*123.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.85*	
		For Work In Restricted Working Space, Add	*71.12*	
22 13 16 00-0208	EA	15" x 10" Bell And Spigot Cast Iron Reducer	613.62	166.72
		For Extra Heavy Fittings, Add	*127.26*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.50*	
		For Work In Restricted Working Space, Add	*75.00*	
22 13 16 00-0209	EA	15" x 12" Bell And Spigot Cast Iron Reducer	646.50	177.98
		For Extra Heavy Fittings, Add	*132.86*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.34*	
		For Work In Restricted Working Space, Add	*80.07*	

22 13 16 00-0210 Bell And Spigot Cast Iron P-Traps *(22 13 16 00-0030)*

22 13 16 00-0211	EA	2" Bell And Spigot Cast Iron P-Trap	66.82	25.71
		For Extra Heavy Fittings, Add	*9.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.93*	
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0212	EA	3" Bell And Spigot Cast Iron P-Trap	89.59	32.33
		For Extra Heavy Fittings, Add	*14.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.42*	
		For Work In Restricted Working Space, Add	*14.52*	
22 13 16 00-0213	EA	4" Bell And Spigot Cast Iron P-Trap	122.14	42.99
		For Extra Heavy Fittings, Add	*20.20*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0214	EA	5" Bell And Spigot Cast Iron P-Trap	194.55	47.27
		For Extra Heavy Fittings, Add	*43.30*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.54*	
		For Work In Restricted Working Space, Add	*21.25*	
22 13 16 00-0215	EA	6" Bell And Spigot Cast Iron P-Trap	261.52	55.60
		For Extra Heavy Fittings, Add	*62.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.17*	
		For Work In Restricted Working Space, Add	*25.01*	
22 13 16 00-0216	EA	8" Bell And Spigot Cast Iron P-Trap	583.06	71.67
		For Extra Heavy Fittings, Add	*166.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.37*	
		For Work In Restricted Working Space, Add	*32.23*	
22 13 16 00-0217	EA	10" Bell And Spigot Cast Iron P-Trap	646.07	88.18
		For Extra Heavy Fittings, Add	*179.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.61*	
		For Work In Restricted Working Space, Add	*39.67*	

22 13 16 00-0218 Bell And Spigot Cast Iron Deep Seal P-Traps *(22 13 16 00-0030)*

22 13 16 00-0219	EA	2" Bell And Spigot Cast Iron Deep Seal P-Trap	77.58	25.71
		For Extra Heavy Fittings, Add	*13.67*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.93*	
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0220	EA	3" Bell And Spigot Cast Iron Deep Seal P-Trap	110.73	32.33
		For Extra Heavy Fittings, Add	*21.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.42*	
		For Work In Restricted Working Space, Add	*14.52*	
22 13 16 00-0221	EA	4" Bell And Spigot Cast Iron Deep Seal P-Trap	161.44	42.99
		For Extra Heavy Fittings, Add	*33.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0222	EA	5" Bell And Spigot Cast Iron Deep Seal P-Trap	265.02	52.82
		For Extra Heavy Fittings, Add	*65.05*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.96*	
		For Work In Restricted Working Space, Add	*23.75*	
22 13 16 00-0223	EA	6" Bell And Spigot Cast Iron Deep Seal P-Trap	281.14	58.89
		For Extra Heavy Fittings, Add	*67.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.42*	
		For Work In Restricted Working Space, Add	*26.50*	

22 13 16 00-0224 Bell And Spigot Cast Iron Running Traps With Single Vent *(22 13 16 00-0030)*

22 13 16 00-0225	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent	178.84	62.05
		For Above Ground Cast Iron Pipe Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.28*	
22 13 16 00-0226	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	238.60	81.58
		For Above Ground Cast Iron Pipe Installation, Add	*6.17*	
		For Work In Restricted Working Space, Add	*37.05*	
22 13 16 00-0227	EA	5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	321.99	91.74
		For Above Ground Cast Iron Pipe Installation, Add	*6.94*	
		For Work In Restricted Working Space, Add	*41.61*	
22 13 16 00-0228	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	650.64	103.96
		For Above Ground Cast Iron Pipe Installation, Add	*7.86*	
		For Work In Restricted Working Space, Add	*47.18*	
22 13 16 00-0229	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	2,144.54	122.55
		For Above Ground Cast Iron Pipe Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.75*	
22 13 16 00-0230	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent	2,321.83	136.73
		For Above Ground Cast Iron Pipe Installation, Add	*10.34*	
		For Work In Restricted Working Space, Add	*62.01*	

22 13 16 00-0231 Bell And Spigot Cast Running Traps With Double Vent *(22 13 16 00-0030)*

22 13 16 00-0232	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent	228.58	85.70
		For Above Ground Cast Iron Pipe Installation, Add	*6.49*	
		For Work In Restricted Working Space, Add	*38.93*	
22 13 16 00-0233	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	312.46	108.18
		For Above Ground Cast Iron Pipe Installation, Add	*8.21*	
		For Work In Restricted Working Space, Add	*49.28*	
22 13 16 00-0234	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	724.70	128.48
		For Above Ground Cast Iron Pipe Installation, Add	*9.74*	
		For Work In Restricted Working Space, Add	*58.47*	
22 13 16 00-0235	EA	6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	840.26	155.52
		For Above Ground Cast Iron Pipe Installation, Add	*11.78*	
		For Work In Restricted Working Space, Add	*70.70*	
22 13 16 00-0236	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	2,309.04	148.59
		For Above Ground Cast Iron Pipe Installation, Add	*11.27*	
		For Work In Restricted Working Space, Add	*67.63*	
22 13 16 00-0237	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	2,533.16	176.43
		For Above Ground Cast Iron Pipe Installation, Add	*13.34*	
		For Work In Restricted Working Space, Add	*80.07*	
22 13 16 00-0238	EA	10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent	3,370.64	203.59
		For Above Ground Cast Iron Pipe Installation, Add	*15.44*	
		For Work In Restricted Working Space, Add	*92.66*	
22 13 16 00-0239	EA	12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent	4,667.50	235.39
		For Above Ground Cast Iron Pipe Installation, Add	*17.83*	
		For Work In Restricted Working Space, Add	*106.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0240	EA	15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent	9,094.94	272.26
		For Above Ground Cast Iron Pipe Installation, Add	*20.63*	
		For Work In Restricted Working Space, Add	*123.80*	

22 13 16 00-0241 Bell And Spigot Cast Iron Scission Joint Fittings *(22 13 16 00-0030)*

22 13 16 00-0242	EA	2" Bell And Spigot Cast Iron Scission Joint Fitting	139.47	
		For Above Ground Cast Iron Pipe Installation, Add	*1.92*	
		For Work In Restricted Working Space, Add	*11.53*	
22 13 16 00-0243	EA	3" Bell And Spigot Cast Iron Scission Joint Fitting	192.67	
		For Above Ground Cast Iron Pipe Installation, Add	*2.16*	
		For Work In Restricted Working Space, Add	*12.95*	
22 13 16 00-0244	EA	4" Bell And Spigot Cast Iron Scission Joint Fitting	222.25	
		For Above Ground Cast Iron Pipe Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.35*	
22 13 16 00-0245	EA	5" Bell And Spigot Cast Iron Scission Joint Fitting	274.60	
		For Above Ground Cast Iron Pipe Installation, Add	*3.36*	
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0246	EA	6" Bell And Spigot Cast Iron Scission Joint Fitting	333.48	
		For Above Ground Cast Iron Pipe Installation, Add	*4.06*	
		For Work In Restricted Working Space, Add	*24.34*	
22 13 16 00-0247	EA	8" Bell And Spigot Cast Iron Scission Joint Fitting	633.22	
		For Above Ground Cast Iron Pipe Installation, Add	*5.13*	
		For Work In Restricted Working Space, Add	*30.76*	

22 13 16 00-0248 Cut And Prepare Existing In-Place Cast Iron Pipe *(22 13 16 00-0019)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0249	EA	2", Cut And Prepare Existing In-Place Cast Iron Pipe	10.70	
		For Above Ground Cast Iron Pipe Installation, Add	*0.54*	
		For Work In Restricted Working Space, Add	*3.21*	
22 13 16 00-0250	EA	3", Cut And Prepare Existing In-Place Cast Iron Pipe	11.68	
		For Above Ground Cast Iron Pipe Installation, Add	*0.58*	
		For Work In Restricted Working Space, Add	*3.50*	
22 13 16 00-0251	EA	4", Cut And Prepare Existing In-Place Cast Iron Pipe	14.59	
		For Above Ground Cast Iron Pipe Installation, Add	*0.73*	
		For Work In Restricted Working Space, Add	*4.38*	
22 13 16 00-0252	EA	6", Cut And Prepare Existing In-Place Cast Iron Pipe	17.51	
		For Above Ground Cast Iron Pipe Installation, Add	*0.88*	
		For Work In Restricted Working Space, Add	*5.25*	
22 13 16 00-0253	EA	8", Cut And Prepare Existing In-Place Cast Iron Pipe	23.35	
		For Above Ground Cast Iron Pipe Installation, Add	*1.17*	
		For Work In Restricted Working Space, Add	*7.01*	
22 13 16 00-0254	EA	10", Cut And Prepare Existing In-Place Cast Iron Pipe	27.24	
		For Above Ground Cast Iron Pipe Installation, Add	*1.36*	
		For Work In Restricted Working Space, Add	*8.17*	
22 13 16 00-0255	EA	12", Cut And Prepare Existing In-Place Cast Iron Pipe	32.10	
		For Above Ground Cast Iron Pipe Installation, Add	*1.61*	
		For Work In Restricted Working Space, Add	*9.63*	
22 13 16 00-0256	EA	15", Cut And Prepare Existing In-Place Cast Iron Pipe	36.97	
		For Above Ground Cast Iron Pipe Installation, Add	*1.85*	
		For Work In Restricted Working Space, Add	*11.09*	

22 13 16 00-0257 Joint Material *(22 13 16 00-0019)*

Note: Labor costs are included in the installation costs for fittings.

22 13 16 00-0258	LB	Lead (1 LB/Diameter Inch) Joint Material	4.97
22 13 16 00-0259	LB	Oakum (1/8 LB/Diameter Inch) Joint Material	9.75
22 13 16 00-0260	EA	2" Dual Tite Rubber Gasket	0.72
22 13 16 00-0261	EA	3" Dual Tite Rubber Gasket	0.99
22 13 16 00-0262	EA	4" Dual Tite Rubber Gasket	1.23
22 13 16 00-0263	EA	6" Dual Tite Rubber Gasket	2.04
22 13 16 00-0264	EA	8" Dual Tite Rubber Gasket	4.49
22 13 16 00-0265	EA	10" Dual Tite Rubber Gasket	6.89
22 13 16 00-0266	EA	12" Dual Tite Rubber Gasket	8.78
22 13 16 00-0267	EA	15" Dual Tite Rubber Gasket	10.43

22 13 16 00-0268 No Hub Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service Weight. Excludes hangers.

22 13 16 00-0269 No Hub Cast Iron Pipe *(22 13 16 00-0268)*

Note: Excludes couplings.

22 13 16 00-0270	LF	1-1/2" No Hub Cast Iron Pipe	12.72	5.37
		For Below Ground Installation, Add	*0.40*	
		For Work In Restricted Working Space, Add	*2.42*	
22 13 16 00-0271	LF	2" No Hub Cast Iron Pipe	13.53	5.73
		For Below Ground Installation, Add	*0.43*	
		For Work In Restricted Working Space, Add	*2.60*	
22 13 16 00-0272	LF	3" No Hub Cast Iron Pipe	19.29	8.33
		For Below Ground Installation, Add	*0.63*	
		For Work In Restricted Working Space, Add	*3.76*	
22 13 16 00-0273	LF	4" No Hub Cast Iron Pipe	25.03	10.84
		For Below Ground Installation, Add	*0.81*	
		For Work In Restricted Working Space, Add	*4.88*	
22 13 16 00-0274	LF	5" No Hub Cast Iron Pipe	31.51	12.89
		For Below Ground Installation, Add	*0.97*	
		For Work In Restricted Working Space, Add	*5.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0275	LF	6" No Hub Cast Iron Pipe	36.14	14.07
		For Below Ground Installation, Add	*1.05*	
		For Work In Restricted Working Space, Add	*6.32*	
22 13 16 00-0276	LF	8" No Hub Cast Iron Pipe	54.35	20.20
		For Below Ground Installation, Add	*1.51*	
		For Work In Restricted Working Space, Add	*9.07*	
22 13 16 00-0277	LF	10" No Hub Cast Iron Pipe	74.39	22.95
		For Below Ground Installation, Add	*1.72*	
		For Work In Restricted Working Space, Add	*10.31*	

22 13 16 00-0278 No Hub Cast Iron Fittings *(22 13 16 00-0268)*

22 13 16 00-0279 No Hub Cast Iron Long Sweeps *(22 13 16 00-0278)*

22 13 16 00-0280	EA	1-1/2" No Hub Cast Iron Long Sweep	50.09	25.43
		For Below Ground Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.43*	
22 13 16 00-0281	EA	2" No Hub Cast Iron Long Sweep	50.39	25.43
		For Below Ground Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.43*	
22 13 16 00-0282	EA	3" No Hub Cast Iron Long Sweep	59.07	29.11
		For Below Ground Installation, Add	*2.18*	
		For Work In Restricted Working Space, Add	*13.10*	
22 13 16 00-0283	EA	4" No Hub Cast Iron Long Sweep	80.72	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0284	EA	5" No Hub Cast Iron Long Sweep	105.99	42.54
		For Below Ground Installation, Add	*3.19*	
		For Work In Restricted Working Space, Add	*19.13*	
22 13 16 00-0285	EA	6" No Hub Cast Iron Long Sweep	125.89	50.72
		For Below Ground Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.83*	
22 13 16 00-0286	EA	8" No Hub Cast Iron Long Sweep	234.33	65.49
		For Below Ground Installation, Add	*4.91*	
		For Work In Restricted Working Space, Add	*29.46*	

22 13 16 00-0287 No Hub Cast Iron Reducing Long Sweeps *(22 13 16 00-0278)*

22 13 16 00-0288	EA	3" x 2" No Hub Cast Iron Reducing Long Sweep	71.75	29.11
		For Below Ground Installation, Add	*2.18*	
		For Work In Restricted Working Space, Add	*13.10*	
22 13 16 00-0289	EA	4" x 3" No Hub Cast Iron Reducing Long Sweep	104.88	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	

22 13 16 00-0290 No Hub Cast Iron Short Sweeps *(22 13 16 00-0278)*

22 13 16 00-0291	EA	2" No Hub Cast Iron Short Sweep	47.84	25.43
		For Below Ground Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.43*	
22 13 16 00-0292	EA	3" No Hub Cast Iron Short Sweep	57.05	29.11
		For Below Ground Installation, Add	*2.18*	
		For Work In Restricted Working Space, Add	*13.10*	
22 13 16 00-0293	EA	4" No Hub Cast Iron Short Sweep	79.66	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0294	EA	5" No Hub Cast Iron Short Sweep	106.39	42.54
		For Below Ground Installation, Add	*3.19*	
		For Work In Restricted Working Space, Add	*19.13*	
22 13 16 00-0295	EA	6" No Hub Cast Iron Short Sweep	119.70	50.72
		For Below Ground Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.83*	
22 13 16 00-0296	EA	8" No Hub Cast Iron Short Sweep	215.63	65.49
		For Below Ground Installation, Add	*4.91*	
		For Work In Restricted Working Space, Add	*29.46*	
22 13 16 00-0297	EA	10" No Hub Cast Iron Short Sweep	344.03	91.70
		For Below Ground Installation, Add	*6.88*	
		For Work In Restricted Working Space, Add	*41.25*	

22 13 16 00-0298 No Hub Cast Iron 1/4 Bends *(22 13 16 00-0278)*

22 13 16 00-0299	EA	1-1/2" No Hub Cast Iron 1/4 Bend	44.10	24.36
		For Below Ground Installation, Add	*1.83*	
		For Work In Restricted Working Space, Add	*10.97*	
22 13 16 00-0300	EA	2" No Hub Cast Iron 1/4 Bend	46.09	25.43
		For Below Ground Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.43*	
22 13 16 00-0301	EA	3" No Hub Cast Iron 1/4 Bend	54.21	29.11
		For Below Ground Installation, Add	*2.18*	
		For Work In Restricted Working Space, Add	*13.10*	
22 13 16 00-0302	EA	4" No Hub Cast Iron 1/4 Bend	73.37	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0303	EA	5" No Hub Cast Iron 1/4 Bend	98.57	42.54
		For Below Ground Installation, Add	*3.19*	
		For Work In Restricted Working Space, Add	*19.13*	
22 13 16 00-0304	EA	6" No Hub Cast Iron 1/4 Bend	114.70	50.72
		For Below Ground Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0305	EA	8" No Hub Cast Iron 1/4 Bend	201.06	65.49
		For Below Ground Installation, Add	*4.91*	
		For Work In Restricted Working Space, Add	*29.46*	

22 13 16 00-0306 No Hub Cast Iron 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0307	EA	1-1/2" No Hub Cast Iron 1/8 Bend	42.48	24.36
		For Below Ground Installation, Add	*1.83*	
		For Work In Restricted Working Space, Add	*10.97*	
22 13 16 00-0308	EA	2" No Hub Cast Iron 1/8 Bend	44.17	25.43
		For Below Ground Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.43*	
22 13 16 00-0309	EA	3" No Hub Cast Iron 1/8 Bend	52.32	29.11
		For Below Ground Installation, Add	*2.18*	
		For Work In Restricted Working Space, Add	*13.10*	
22 13 16 00-0310	EA	4" No Hub Cast Iron 1/8 Bend	69.13	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0311	EA	6" No Hub Cast Iron 1/8 Bend	111.20	56.86
		For Below Ground Installation, Add	*4.26*	
		For Work In Restricted Working Space, Add	*25.58*	
22 13 16 00-0312	EA	8" No Hub Cast Iron 1/8 Bend	180.93	74.69
		For Below Ground Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.58*	
22 13 16 00-0313	EA	10" No Hub Cast Iron 1/8 Bend	267.90	91.88
		For Below Ground Installation, Add	*6.89*	
		For Work In Restricted Working Space, Add	*41.33*	

22 13 16 00-0314 No Hub Cast Iron Wyes *(22 13 16 00-0278)*

22 13 16 00-0315	EA	1-1/2" No Hub Cast Iron Wye	67.94	38.33
		For Below Ground Installation, Add	*2.87*	
		For Work In Restricted Working Space, Add	*17.22*	
22 13 16 00-0316	EA	2" No Hub Cast Iron Wye	88.53	51.94
		For Below Ground Installation, Add	*3.89*	
		For Work In Restricted Working Space, Add	*23.36*	
22 13 16 00-0317	EA	3" No Hub Cast Iron Wye	99.85	56.86
		For Below Ground Installation, Add	*4.26*	
		For Work In Restricted Working Space, Add	*25.58*	
22 13 16 00-0318	EA	4" No Hub Cast Iron Wye	135.58	74.69
		For Below Ground Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.58*	
22 13 16 00-0319	EA	5" No Hub Cast Iron Wye	175.30	82.81
		For Below Ground Installation, Add	*6.21*	
		For Work In Restricted Working Space, Add	*37.25*	
22 13 16 00-0320	EA	6" No Hub Cast Iron Wye	208.04	98.32
		For Below Ground Installation, Add	*7.37*	
		For Work In Restricted Working Space, Add	*44.23*	
22 13 16 00-0321	EA	8" No Hub Cast Iron Wye	338.84	131.06
		For Below Ground Installation, Add	*9.82*	
		For Work In Restricted Working Space, Add	*58.93*	
22 13 16 00-0322	EA	10" No Hub Cast Iron Wye	526.61	145.58
		For Below Ground Installation, Add	*10.91*	
		For Work In Restricted Working Space, Add	*65.48*	

22 13 16 00-0323 No Hub Cast Iron Reducing Wyes *(22 13 16 00-0278)*

22 13 16 00-0324	EA	3" x 1-1/2" No Hub Cast Iron Reducing Wye	85.81	49.61
		For Below Ground Installation, Add	*3.72*	
		For Work In Restricted Working Space, Add	*22.30*	
22 13 16 00-0325	EA	3" x 2" No Hub Cast Iron Reducing Wye	96.77	56.86
		For Below Ground Installation, Add	*4.26*	
		For Work In Restricted Working Space, Add	*25.58*	
22 13 16 00-0326	EA	4" x 2" No Hub Cast Iron Reducing Wye	108.97	62.87
		For Below Ground Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.28*	
22 13 16 00-0327	EA	4" x 3" No Hub Cast Iron Reducing Wye	124.44	69.85
		For Below Ground Installation, Add	*5.24*	
		For Work In Restricted Working Space, Add	*31.42*	
22 13 16 00-0328	EA	6" x 2" No Hub Cast Iron Reducing Wye	158.15	83.66
		For Below Ground Installation, Add	*6.27*	
		For Work In Restricted Working Space, Add	*37.64*	
22 13 16 00-0329	EA	6" x 3" No Hub Cast Iron Reducing Wye	167.90	87.44
		For Below Ground Installation, Add	*6.55*	
		For Work In Restricted Working Space, Add	*39.32*	
22 13 16 00-0330	EA	6" x 4" No Hub Cast Iron Reducing Wye	193.53	102.20
		For Below Ground Installation, Add	*7.66*	
		For Work In Restricted Working Space, Add	*45.95*	
22 13 16 00-0331	EA	8" x 4" No Hub Cast Iron Reducing Wye	236.03	103.04
		For Below Ground Installation, Add	*7.73*	
		For Work In Restricted Working Space, Add	*46.35*	
22 13 16 00-0332	EA	8" x 6" No Hub Cast Iron Reducing Wye	270.45	113.27
		For Below Ground Installation, Add	*8.49*	
		For Work In Restricted Working Space, Add	*50.93*	
22 13 16 00-0333	EA	10" x 4" No Hub Cast Iron Reducing Wye	394.17	120.66
		For Below Ground Installation, Add	*9.05*	
		For Work In Restricted Working Space, Add	*54.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0334	EA	10" x 6" No Hub Cast Iron Reducing Wye	416.78	129.17
		For Below Ground Installation, Add	*9.68*	
		For Work In Restricted Working Space, Add	*58.10*	
22 13 16 00-0335	EA	10" x 8" No Hub Cast Iron Reducing Wye	474.70	137.94
		For Below Ground Installation, Add	*10.34*	
		For Work In Restricted Working Space, Add	*62.03*	

22 13 16 00-0336 No Hub Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0337	EA	1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend	77.49	44.60
		For Below Ground Installation, Add	*3.34*	
		For Work In Restricted Working Space, Add	*20.05*	
22 13 16 00-0338	EA	2" No Hub Cast Iron Combination Wye And 1/8 Bend	88.96	51.94
		For Below Ground Installation, Add	*3.89*	
		For Work In Restricted Working Space, Add	*23.36*	
22 13 16 00-0339	EA	3" No Hub Cast Iron Combination Wye And 1/8 Bend	103.09	56.86
		For Below Ground Installation, Add	*4.26*	
		For Work In Restricted Working Space, Add	*25.58*	
22 13 16 00-0340	EA	4" No Hub Cast Iron Combination Wye And 1/8 Bend	144.74	74.69
		For Below Ground Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.58*	
22 13 16 00-0341	EA	6" No Hub Cast Iron Combination Wye And 1/8 Bend	254.81	114.89
		For Below Ground Installation, Add	*8.61*	
		For Work In Restricted Working Space, Add	*51.67*	
22 13 16 00-0342	EA	8" No Hub Cast Iron Combination Wye And 1/8 Bend	428.22	147.40
		For Below Ground Installation, Add	*11.05*	
		For Work In Restricted Working Space, Add	*66.30*	
22 13 16 00-0343	EA	10" No Hub Cast Iron Combination Wye And 1/8 Bend	505.10	178.21
		For Below Ground Installation, Add	*13.36*	
		For Work In Restricted Working Space, Add	*80.15*	

22 13 16 00-0344 No Hub Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0345	EA	2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	89.49	51.94
		For Below Ground Installation, Add	*3.89*	
		For Work In Restricted Working Space, Add	*23.36*	
22 13 16 00-0346	EA	3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	98.39	56.86
		For Below Ground Installation, Add	*4.26*	
		For Work In Restricted Working Space, Add	*25.58*	
22 13 16 00-0347	EA	4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	112.21	62.87
		For Below Ground Installation, Add	*4.71*	
		For Work In Restricted Working Space, Add	*28.28*	
22 13 16 00-0348	EA	4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	127.58	69.85
		For Below Ground Installation, Add	*5.24*	
		For Work In Restricted Working Space, Add	*31.42*	
22 13 16 00-0349	EA	6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	167.59	83.66
		For Below Ground Installation, Add	*6.27*	
		For Work In Restricted Working Space, Add	*37.64*	
22 13 16 00-0350	EA	6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	184.39	87.44
		For Below Ground Installation, Add	*6.55*	
		For Work In Restricted Working Space, Add	*39.32*	
22 13 16 00-0351	EA	6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	207.96	102.20
		For Below Ground Installation, Add	*7.66*	
		For Work In Restricted Working Space, Add	*45.95*	
22 13 16 00-0352	EA	8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	263.01	103.04
		For Below Ground Installation, Add	*7.73*	
		For Work In Restricted Working Space, Add	*46.35*	
22 13 16 00-0353	EA	8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	332.12	113.27
		For Below Ground Installation, Add	*8.49*	
		For Work In Restricted Working Space, Add	*50.93*	

22 13 16 00-0354 No Hub Cast Iron Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0355	EA	2" No Hub Cast Iron Double Wye	111.67	64.57
		For Below Ground Installation, Add	*4.84*	
		For Work In Restricted Working Space, Add	*29.04*	
22 13 16 00-0356	EA	3" No Hub Cast Iron Double Wye	145.24	78.62
		For Below Ground Installation, Add	*5.89*	
		For Work In Restricted Working Space, Add	*35.35*	
22 13 16 00-0357	EA	4" No Hub Cast Iron Double Wye	185.26	85.97
		For Below Ground Installation, Add	*6.44*	
		For Work In Restricted Working Space, Add	*38.66*	
22 13 16 00-0358	EA	6" No Hub Cast Iron Double Wye	282.93	123.93
		For Below Ground Installation, Add	*9.29*	
		For Work In Restricted Working Space, Add	*55.72*	
22 13 16 00-0359	EA	8" No Hub Cast Iron Double Wye	513.21	166.72
		For Below Ground Installation, Add	*12.50*	
		For Work In Restricted Working Space, Add	*75.00*	

22 13 16 00-0360 No Hub Cast Iron Reducing Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0361	EA	3" x 2" No Hub Cast Iron Double Wye	130.75	71.55
		For Below Ground Installation, Add	*5.36*	
		For Work In Restricted Working Space, Add	*32.18*	
22 13 16 00-0362	EA	4" x 2" No Hub Cast Iron Double Wye	155.10	82.39
		For Below Ground Installation, Add	*6.18*	
		For Work In Restricted Working Space, Add	*37.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0363	EA	4" x 3" No Hub Cast Iron Double Wye	170.28	89.82
		For Below Ground Installation, Add	*6.73*	
		For Work In Restricted Working Space, Add	*40.40*	
22 13 16 00-0364	EA	6" x 4" No Hub Cast Iron Double Wye	242.63	109.26
		For Below Ground Installation, Add	*8.19*	
		For Work In Restricted Working Space, Add	*49.14*	

22 13 16 00-0365 No Hub Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0366	EA	2" No Hub Cast Iron Double Combination Wye And 1/8 Bend	142.35	77.55
		For Below Ground Installation, Add	*5.82*	
		For Work In Restricted Working Space, Add	*34.89*	
22 13 16 00-0367	EA	3" No Hub Cast Iron Double Combination Wye And 1/8 Bend	169.20	85.97
		For Below Ground Installation, Add	*6.44*	
		For Work In Restricted Working Space, Add	*38.66*	
22 13 16 00-0368	EA	4" No Hub Cast Iron Double Combination Wye And 1/8 Bend	247.63	113.82
		For Below Ground Installation, Add	*8.53*	
		For Work In Restricted Working Space, Add	*51.17*	
22 13 16 00-0369	EA	6" No Hub Cast Iron Double Combination Wye And 1/8 Bend	353.36	175.70
		For Below Ground Installation, Add	*13.17*	
		For Work In Restricted Working Space, Add	*79.02*	

22 13 16 00-0370 No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0371	EA	3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	130.27	66.71
		For Below Ground Installation, Add	*5.00*	
		For Work In Restricted Working Space, Add	*30.02*	
22 13 16 00-0372	EA	4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	151.12	77.55
		For Below Ground Installation, Add	*5.82*	
		For Work In Restricted Working Space, Add	*34.89*	
22 13 16 00-0373	EA	4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	177.64	84.71
		For Below Ground Installation, Add	*6.35*	
		For Work In Restricted Working Space, Add	*38.11*	

22 13 16 00-0374 No Hub Cast Iron Sanitary Tees *(22 13 16 00-0278)*

22 13 16 00-0375	EA	1-1/2" No Hub Cast Iron Sanitary Tee	66.32	37.53
		For Below Ground Installation, Add	*2.82*	
		For Work In Restricted Working Space, Add	*16.90*	
22 13 16 00-0376	EA	2" No Hub Cast Iron Sanitary Tee	89.06	51.94
		For Below Ground Installation, Add	*3.89*	
		For Work In Restricted Working Space, Add	*23.36*	
22 13 16 00-0377	EA	3" No Hub Cast Iron Sanitary Tee	98.65	56.86
		For Below Ground Installation, Add	*4.26*	
		For Work In Restricted Working Space, Add	*25.58*	
22 13 16 00-0378	EA	4" No Hub Cast Iron Sanitary Tee	132.86	74.69
		For Below Ground Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.58*	
22 13 16 00-0379	EA	5" No Hub Cast Iron Sanitary Tee	175.87	82.81
		For Below Ground Installation, Add	*6.21*	
		For Work In Restricted Working Space, Add	*37.25*	
22 13 16 00-0380	EA	6" No Hub Cast Iron Sanitary Tee	207.64	98.32
		For Below Ground Installation, Add	*7.37*	
		For Work In Restricted Working Space, Add	*44.23*	
22 13 16 00-0381	EA	8" No Hub Cast Iron Sanitary Tee	372.30	131.06
		For Below Ground Installation, Add	*9.82*	
		For Work In Restricted Working Space, Add	*58.93*	

22 13 16 00-0382 No Hub Cast Iron Reducing Sanitary Tees *(22 13 16 00-0278)*

22 13 16 00-0383	EA	2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	74.70	42.36
		For Below Ground Installation, Add	*3.18*	
		For Work In Restricted Working Space, Add	*19.05*	
22 13 16 00-0384	EA	3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	86.73	49.61
		For Below Ground Installation, Add	*3.72*	
		For Work In Restricted Working Space, Add	*22.30*	
22 13 16 00-0385	EA	3" x 2" No Hub Cast Iron Reducing Sanitary Tee	90.28	51.94
		For Below Ground Installation, Add	*3.89*	
		For Work In Restricted Working Space, Add	*23.36*	
22 13 16 00-0386	EA	3" x 4" No Hub Cast Iron Reducing Sanitary Tee	103.09	51.94
		For Below Ground Installation, Add	*3.89*	
		For Work In Restricted Working Space, Add	*23.36*	
22 13 16 00-0387	EA	4" x 2" No Hub Cast Iron Reducing Sanitary Tee	121.28	70.29
		For Below Ground Installation, Add	*5.27*	
		For Work In Restricted Working Space, Add	*31.61*	
22 13 16 00-0388	EA	4" x 3" No Hub Cast Iron Reducing Sanitary Tee	124.39	70.29
		For Below Ground Installation, Add	*5.27*	
		For Work In Restricted Working Space, Add	*31.61*	
22 13 16 00-0389	EA	5" x 2" No Hub Cast Iron Reducing Sanitary Tee	154.92	78.68
		For Below Ground Installation, Add	*5.90*	
		For Work In Restricted Working Space, Add	*35.38*	
22 13 16 00-0390	EA	5" x 3" No Hub Cast Iron Reducing Sanitary Tee	159.25	78.68
		For Below Ground Installation, Add	*5.90*	
		For Work In Restricted Working Space, Add	*35.38*	
22 13 16 00-0391	EA	5" x 4" No Hub Cast Iron Reducing Sanitary Tee	159.78	78.68
		For Below Ground Installation, Add	*5.90*	
		For Work In Restricted Working Space, Add	*35.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0392	EA	6" x 4" No Hub Cast Iron Reducing Sanitary Tee	165.93	81.98
		For Below Ground Installation, Add	*6.14*	
		For Work In Restricted Working Space, Add	*36.86*	
22 13 16 00-0393	EA	8" x 6" No Hub Cast Iron Reducing Sanitary Tee	296.72	110.52
		For Below Ground Installation, Add	*8.28*	
		For Work In Restricted Working Space, Add	*49.70*	

22 13 16 00-0394 No Hub Cast Iron Sanitary Tapped Tees *(22 13 16 00-0278)*

22 13 16 00-0395	EA	2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	49.33	25.43
		For Below Ground Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.43*	
22 13 16 00-0396	EA	3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	57.15	29.11
		For Below Ground Installation, Add	*2.18*	
		For Work In Restricted Working Space, Add	*13.10*	
22 13 16 00-0397	EA	4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	71.55	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	

22 13 16 00-0398 No Hub Cast Iron Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0399	EA	2" No Hub Cast Iron Cleanout Tee	47.38	25.43
		For Below Ground Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.43*	
22 13 16 00-0400	EA	3" No Hub Cast Iron Cleanout Tee	58.58	29.11
		For Below Ground Installation, Add	*2.18*	
		For Work In Restricted Working Space, Add	*13.10*	
22 13 16 00-0401	EA	4" No Hub Cast Iron Cleanout Tee	83.96	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0402	EA	6" No Hub Cast Iron Cleanout Tee	136.36	56.86
		For Below Ground Installation, Add	*4.26*	
		For Work In Restricted Working Space, Add	*25.58*	

22 13 16 00-0403 No Hub Cast Iron Two-Way Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0404	EA	4" No Hub Cast Iron Single Two-Way Cleanout Tee	186.71	74.69
		For Below Ground Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.58*	
22 13 16 00-0405	EA	4" No Hub Cast Iron Double Two-Way Cleanout Tee	239.58	113.46
		For Below Ground Installation, Add	*8.51*	
		For Work In Restricted Working Space, Add	*51.05*	

22 13 16 00-0406 No Hub Cast Iron Cleanout Plugs *(22 13 16 00-0278)*

22 13 16 00-0407	EA	2" No Hub Cast Iron Cleanout Plug	42.05	25.43
		For Below Ground Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.43*	
22 13 16 00-0408	EA	3" No Hub Cast Iron Cleanout Plug	49.87	29.11
		For Below Ground Installation, Add	*2.18*	
		For Work In Restricted Working Space, Add	*13.10*	
22 13 16 00-0409	EA	4" No Hub Cast Iron Cleanout Plug	69.53	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0410	EA	6" No Hub Cast Iron Cleanout Plug	107.23	56.86
		For Below Ground Installation, Add	*4.26*	
		For Work In Restricted Working Space, Add	*25.58*	
22 13 16 00-0411	EA	8" No Hub Cast Iron Cleanout Plug	142.10	74.69
		For Below Ground Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.58*	

22 13 16 00-0412 No Hub Cast Iron Sanitary Crosses *(22 13 16 00-0278)*

22 13 16 00-0413	EA	1-1/2" No Hub Cast Iron Sanitary Cross	88.76	50.15
		For Below Ground Installation, Add	*3.76*	
		For Work In Restricted Working Space, Add	*22.58*	
22 13 16 00-0414	EA	2" No Hub Cast Iron Sanitary Cross	94.75	51.94
		For Below Ground Installation, Add	*3.89*	
		For Work In Restricted Working Space, Add	*23.36*	
22 13 16 00-0415	EA	3" No Hub Cast Iron Sanitary Cross	111.86	56.86
		For Below Ground Installation, Add	*4.26*	
		For Work In Restricted Working Space, Add	*25.58*	
22 13 16 00-0416	EA	4" No Hub Cast Iron Sanitary Cross	161.89	74.69
		For Below Ground Installation, Add	*5.60*	
		For Work In Restricted Working Space, Add	*33.58*	

22 13 16 00-0417 No Hub Cast Iron Reducing Sanitary Crosses *(22 13 16 00-0278)*

22 13 16 00-0418	EA	3" x 2" No Hub Cast Iron Sanitary Cross	123.93	66.71
		For Below Ground Installation, Add	*5.00*	
		For Work In Restricted Working Space, Add	*30.01*	
22 13 16 00-0419	EA	4" x 2" No Hub Cast Iron Sanitary Cross	136.75	68.68
		For Below Ground Installation, Add	*5.15*	
		For Work In Restricted Working Space, Add	*30.89*	
22 13 16 00-0420	EA	4" x 3" No Hub Cast Iron Sanitary Cross	148.23	71.73
		For Below Ground Installation, Add	*5.37*	
		For Work In Restricted Working Space, Add	*32.24*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0421		**No Hub Cast Iron Reducers** *(22 13 16 00-0278)*		
22 13 16 00-0422	EA	3" x 2" No Hub Cast Iron Reducer	83.53	51.94
		For Below Ground Installation, Add	*3.89*	
		For Work In Restricted Working Space, Add	*23.36*	
22 13 16 00-0423	EA	4" x 2" No Hub Cast Iron Reducer	114.00	70.29
		For Below Ground Installation, Add	*5.27*	
		For Work In Restricted Working Space, Add	*31.61*	
22 13 16 00-0424	EA	4" x 3" No Hub Cast Iron Reducer	114.26	70.29
		For Below Ground Installation, Add	*5.27*	
		For Work In Restricted Working Space, Add	*31.61*	
22 13 16 00-0425	EA	5" x 2" No Hub Cast Iron Reducer	130.62	78.68
		For Below Ground Installation, Add	*5.90*	
		For Work In Restricted Working Space, Add	*35.38*	
22 13 16 00-0426	EA	5" x 3" No Hub Cast Iron Reducer	132.37	78.68
		For Below Ground Installation, Add	*5.90*	
		For Work In Restricted Working Space, Add	*35.38*	
22 13 16 00-0427	EA	5" x 4" No Hub Cast Iron Reducer	133.07	78.68
		For Below Ground Installation, Add	*5.90*	
		For Work In Restricted Working Space, Add	*35.38*	
22 13 16 00-0428	EA	6" x 3" No Hub Cast Iron Reducer	152.94	87.44
		For Below Ground Installation, Add	*6.55*	
		For Work In Restricted Working Space, Add	*39.32*	
22 13 16 00-0429	EA	6" x 4" No Hub Cast Iron Reducer	153.21	87.44
		For Below Ground Installation, Add	*6.55*	
		For Work In Restricted Working Space, Add	*39.32*	
22 13 16 00-0430	EA	6" x 5" No Hub Cast Iron Reducer	154.00	87.44
		For Below Ground Installation, Add	*6.55*	
		For Work In Restricted Working Space, Add	*39.32*	
22 13 16 00-0431	EA	8" x 2" No Hub Cast Iron Reducer	212.50	122.29
		For Below Ground Installation, Add	*9.17*	
		For Work In Restricted Working Space, Add	*55.00*	
22 13 16 00-0432	EA	8" x 3" No Hub Cast Iron Reducer	214.52	122.29
		For Below Ground Installation, Add	*9.17*	
		For Work In Restricted Working Space, Add	*55.00*	
22 13 16 00-0433	EA	8" x 4" No Hub Cast Iron Reducer	217.77	122.29
		For Below Ground Installation, Add	*9.17*	
		For Work In Restricted Working Space, Add	*55.00*	
22 13 16 00-0434	EA	8" x 5" No Hub Cast Iron Reducer	221.14	122.29
		For Below Ground Installation, Add	*9.17*	
		For Work In Restricted Working Space, Add	*55.00*	
22 13 16 00-0435	EA	8" x 6" No Hub Cast Iron Reducer	221.54	122.29
		For Below Ground Installation, Add	*9.17*	
		For Work In Restricted Working Space, Add	*55.00*	
22 13 16 00-0436	EA	10" x 4" No Hub Cast Iron Reducer	255.99	129.00
		For Below Ground Installation, Add	*9.67*	
		For Work In Restricted Working Space, Add	*58.01*	
22 13 16 00-0437	EA	10" x 6" No Hub Cast Iron Reducer	272.14	134.66
		For Below Ground Installation, Add	*10.10*	
		For Work In Restricted Working Space, Add	*60.59*	
22 13 16 00-0438	EA	10" x 8" No Hub Cast Iron Reducer	303.23	146.18
		For Below Ground Installation, Add	*10.96*	
		For Work In Restricted Working Space, Add	*65.75*	
22 13 16 00-0439		**No Hub Cast Iron Blind Plugs** *(22 13 16 00-0278)*		
22 13 16 00-0440	EA	1-1/2" No Hub Cast Iron Blind Plug	39.79	24.36
		For Below Ground Installation, Add	*1.83*	
		For Work In Restricted Working Space, Add	*10.97*	
22 13 16 00-0441	EA	2" No Hub Cast Iron Blind Plug	41.22	25.43
		For Below Ground Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.43*	
22 13 16 00-0442	EA	3" No Hub Cast Iron Blind Plug	49.21	29.11
		For Below Ground Installation, Add	*2.18*	
		For Work In Restricted Working Space, Add	*13.10*	
22 13 16 00-0443	EA	4" No Hub Cast Iron Blind Plug	65.19	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0444	EA	5" No Hub Cast Iron Blind Plug	78.64	43.81
		For Below Ground Installation, Add	*3.24*	
		For Work In Restricted Working Space, Add	*19.46*	
22 13 16 00-0445	EA	6" No Hub Cast Iron Blind Plug	90.00	50.72
		For Below Ground Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.83*	
22 13 16 00-0446	EA	8" No Hub Cast Iron Blind Plug	142.07	65.49
		For Below Ground Installation, Add	*4.91*	
		For Work In Restricted Working Space, Add	*29.46*	
22 13 16 00-0447	EA	10" No Hub Cast Iron Blind Plug	168.84	70.55
		For Below Ground Installation, Add	*5.29*	
		For Work In Restricted Working Space, Add	*31.73*	
22 13 16 00-0448		**No Hub Cast Iron P-Traps** *(22 13 16 00-0278)*		
22 13 16 00-0449	EA	2" No Hub Cast Iron P-Trap	49.60	25.43
		For Below Ground Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0450	EA	3" No Hub Cast Iron P-Trap	69.86	29.11
		For Below Ground Installation, Add	*2.18*	
		For Work In Restricted Working Space, Add	*13.10*	
22 13 16 00-0451	EA	4" No Hub Cast Iron P-Trap	103.26	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0452	EA	5" No Hub Cast Iron P-Trap	168.33	42.89
		For Below Ground Installation, Add	*3.21*	
		For Work In Restricted Working Space, Add	*19.28*	
22 13 16 00-0453	EA	6" No Hub Cast Iron P-Trap	180.84	51.13
		For Below Ground Installation, Add	*3.83*	
		For Work In Restricted Working Space, Add	*23.00*	

22 13 16 00-0454 No Hub Cast Iron Deep Seal P-Traps *(22 13 16 00-0278)*

22 13 16 00-0455	EA	2" No Hub Cast Iron Deep Seal P-Trap	75.81	32.33
		For Below Ground Installation, Add	*2.42*	
		For Work In Restricted Working Space, Add	*14.52*	
22 13 16 00-0456	EA	3" No Hub Cast Iron Deep Seal P-Trap	108.16	42.99
		For Below Ground Installation, Add	*3.22*	
		For Work In Restricted Working Space, Add	*19.33*	
22 13 16 00-0457	EA	4" No Hub Cast Iron Deep Seal P-Trap	155.25	56.77
		For Below Ground Installation, Add	*4.25*	
		For Work In Restricted Working Space, Add	*25.52*	

22 13 16 00-0458 No Hub Cast Iron Closet Flanges *(22 13 16 00-0278)*

22 13 16 00-0459	EA	4" No Hub Cast Iron Closet Flange	75.99	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0460	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange	79.77	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	

22 13 16 00-0461 No Hub Cast Iron Closet Bends *(22 13 16 00-0278)*

22 13 16 00-0462	EA	4" x 16" No Hub Cast Iron Closet Bend	129.05	38.50
		For Below Ground Installation, Add	*2.89*	
		For Work In Restricted Working Space, Add	*17.33*	

22 13 16 00-0463 No Hub Cast Iron Threaded Adapter *(22 13 16 00-0278)*

22 13 16 00-0464	EA	1-1/4" No Hub Cast Iron Threaded Adapter	58.26	32.33
		For Below Ground Installation, Add	*2.42*	
		For Work In Restricted Working Space, Add	*14.52*	
22 13 16 00-0465	EA	1-1/2" No Hub Cast Iron Threaded Adapter	61.31	32.33
		For Below Ground Installation, Add	*2.42*	
		For Work In Restricted Working Space, Add	*14.52*	

22 13 16 00-0466 No Hub Couplings *(22 13 16 00-0278)*

Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH).

22 13 16 00-0467	EA	1-1/2" No Hub Coupling	5.79	
		For Medium Duty (Fernco MD-2000), Add	*0.75*	
		For Heavy Duty (Fernco HD-4000), Add	*1.56*	
22 13 16 00-0468	EA	2" No Hub Coupling	5.79	
		For Medium Duty (Fernco MD-2000), Add	*0.75*	
		For Heavy Duty (Fernco HD-4000), Add	*1.56*	
22 13 16 00-0469	EA	3" No Hub Coupling	6.88	
		For Medium Duty (Fernco MD-2000), Add	*0.89*	
		For Heavy Duty (Fernco HD-4000), Add	*1.86*	
22 13 16 00-0470	EA	4" No Hub Coupling	8.16	
		For Medium Duty (Fernco MD-2000), Add	*1.06*	
		For Heavy Duty (Fernco HD-4000), Add	*2.20*	
22 13 16 00-0471	EA	5" No Hub Coupling	18.88	
		For Medium Duty (Fernco MD-2000), Add	*2.45*	
		For Heavy Duty (Fernco HD-4000), Add	*5.10*	
22 13 16 00-0472	EA	6" No Hub Coupling	20.74	
		For Medium Duty (Fernco MD-2000), Add	*2.70*	
		For Heavy Duty (Fernco HD-4000), Add	*5.60*	
22 13 16 00-0473	EA	8" No Hub Coupling	39.08	
		For Medium Duty (Fernco MD-2000), Add	*5.08*	
		For Heavy Duty (Fernco HD-4000), Add	*10.55*	
22 13 16 00-0474	EA	10" No Hub Coupling	53.84	
		For Medium Duty (Fernco MD-2000), Add	*7.00*	
		For Heavy Duty (Fernco HD-4000), Add	*14.54*	
22 13 16 00-0475	EA	2" x 1-1/2" No Hub Reducing Coupling	6.88	
22 13 16 00-0476	EA	3" x 2" No Hub Reducing Coupling	10.66	
22 13 16 00-0477	EA	4" x 2" No Hub Reducing Coupling	14.88	
22 13 16 00-0478	EA	4" x 3" No Hub Reducing Coupling	12.68	

22 13 16 00-0479 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts *(22 13 16 00-0278)*

Note: For underground connections. See CSI section 22 13 16 00-0861 for additional FERNCO couplings.

22 13 16 00-0480	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	21.81	
22 13 16 00-0481	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	22.51	
22 13 16 00-0482	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	23.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0483	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	27.57	
22 13 16 00-0484	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	52.05	
22 13 16 00-0485	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	71.47	
22 13 16 00-0486	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	125.21	
22 13 16 00-0487	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	191.33	

22 13 16 00-0488 Cut And Prepare Existing Pipe In-Place *(22 13 16 00-0268)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0489	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub	8.76	
		For Work In Restricted Working Space, Add	*2.63*	
22 13 16 00-0490	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub	10.70	
		For Work In Restricted Working Space, Add	*3.21*	
22 13 16 00-0491	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub	11.68	
		For Work In Restricted Working Space, Add	*3.50*	
22 13 16 00-0492	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub	14.59	
		For Work In Restricted Working Space, Add	*4.38*	
22 13 16 00-0493	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub	17.51	
		For Work In Restricted Working Space, Add	*5.25*	
22 13 16 00-0494	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub	23.35	
		For Work In Restricted Working Space, Add	*7.01*	
22 13 16 00-0495	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub	27.24	
		For Work In Restricted Working Space, Add	*8.17*	

22 13 16 00-0496 Copper Drain-Waste-Vent (DWV) Pipe *(22 13 16)*

See CSI section 22 11 16 00-0436 for copper and brass fittings.

22 13 16 00-0497	LF	1-1/4" Hard Drawn DWV Copper Tube/Pipe	10.95	4.21
22 13 16 00-0498	LF	1-1/2" Hard Drawn DWV Copper Tube/Pipe	12.87	4.70
22 13 16 00-0499	LF	2" Hard Drawn DWV Copper Tube/Pipe	16.42	5.80
22 13 16 00-0500	LF	3" Hard Drawn DWV Copper Tube/Pipe	37.55	8.03
22 13 16 00-0501	LF	4" Hard Drawn DWV Copper Tube/Pipe	49.80	9.06
22 13 16 00-0502	LF	5" Hard Drawn DWV Copper Tube/Pipe	88.79	10.40
22 13 16 00-0503	LF	6" Hard Drawn DWV Copper Tube/Pipe	128.22	16.13

22 13 16 00-0504 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation. See CSI section 33 31 11 00-0002 for underground installation.

22 13 16 00-0505 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0504)*

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0506	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	18.44	3.76
		For Work In Restricted Working Space, Add	*4.31*	
22 13 16 00-0507	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	20.91	4.48
		For Work In Restricted Working Space, Add	*4.79*	
22 13 16 00-0508	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	27.62	6.45
		For Work In Restricted Working Space, Add	*5.96*	
22 13 16 00-0509	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	31.71	6.98
		For Work In Restricted Working Space, Add	*6.50*	
22 13 16 00-0510	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	43.77	8.95
		For Work In Restricted Working Space, Add	*8.33*	
22 13 16 00-0511	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	53.89	11.91
		For Work In Restricted Working Space, Add	*9.55*	
22 13 16 00-0512	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	73.42	15.94
		For Work In Restricted Working Space, Add	*12.45*	

22 13 16 00-0513 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0504)*

Note: Excludes fittings or hangers.

22 13 16 00-0514 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) *(22 13 16 00-0513)*

Note: Excludes fittings or hangers.

22 13 16 00-0515	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	6.45	3.76
		For Work In Restricted Working Space, Add	*1.68*	
22 13 16 00-0516	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	7.83	4.48
		For Work In Restricted Working Space, Add	*2.01*	
22 13 16 00-0517	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	11.88	6.45
		For Work In Restricted Working Space, Add	*2.89*	
22 13 16 00-0518	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	13.62	6.98
		For Work In Restricted Working Space, Add	*3.13*	
22 13 16 00-0519	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	18.26	8.43
		For Work In Restricted Working Space, Add	*3.79*	
22 13 16 00-0520	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	25.42	11.21
		For Work In Restricted Working Space, Add	*5.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0521	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	35.61	14.99
		For Work In Restricted Working Space, Add	*6.74*	

22 13 16 00-0522 Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) *(22 13 16 00-0513)*

Note: Excludes fittings or hangers.

22 13 16 00-0523	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	6.19	3.76
		For Work In Restricted Working Space, Add	*1.68*	
22 13 16 00-0524	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	7.52	4.48
		For Work In Restricted Working Space, Add	*2.01*	
22 13 16 00-0525	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	11.30	6.45
		For Work In Restricted Working Space, Add	*2.89*	
22 13 16 00-0526	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	12.85	6.98
		For Work In Restricted Working Space, Add	*3.13*	
22 13 16 00-0527	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	16.83	8.43
		For Work In Restricted Working Space, Add	*3.79*	
22 13 16 00-0528	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	23.41	11.21
		For Work In Restricted Working Space, Add	*5.06*	
22 13 16 00-0529	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	33.42	14.99
		For Work In Restricted Working Space, Add	*6.74*	

22 13 16 00-0530 Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) *(22 13 16 00-0504)*

22 13 16 00-0531 Polyvinyl Chloride (PVC) DWV 1/4 Bends *(22 13 16 00-0530)*

22 13 16 00-0532	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	23.67	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0533	EA	2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	30.28	19.08
		For Work In Restricted Working Space, Add	*8.60*	
22 13 16 00-0534	EA	3" Polyvinyl Chloride (PVC) DWV 1/4 Bends	43.56	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0535	EA	4" Polyvinyl Chloride (PVC) DWV 1/4 Bends	55.51	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0536	EA	6" Polyvinyl Chloride (PVC) DWV 1/4 Bends	123.50	38.77
		For Work In Restricted Working Space, Add	*17.46*	
22 13 16 00-0537	EA	8" Polyvinyl Chloride (PVC) DWV 1/4 Bends	190.19	52.21
		For Work In Restricted Working Space, Add	*23.51*	
22 13 16 00-0538	EA	10" Polyvinyl Chloride (PVC) DWV 1/4 Bends	251.92	69.58
		For Work In Restricted Working Space, Add	*31.34*	

22 13 16 00-0539 Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends *(22 13 16 00-0530)*

22 13 16 00-0540	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	27.27	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0541	EA	2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	32.35	19.08
		For Work In Restricted Working Space, Add	*8.60*	
22 13 16 00-0542	EA	3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	48.88	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0543	EA	4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	65.28	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0544	EA	6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	104.63	38.77
		For Work In Restricted Working Space, Add	*17.46*	
22 13 16 00-0545	EA	8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	165.39	52.21
		For Work In Restricted Working Space, Add	*23.51*	
22 13 16 00-0546	EA	10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	251.47	69.58
		For Work In Restricted Working Space, Add	*31.34*	

22 13 16 00-0547 Polyvinyl Chloride (PVC) DWV 1/8 Bends *(22 13 16 00-0530)*

22 13 16 00-0548	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	23.97	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0549	EA	2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	30.25	19.08
		For Work In Restricted Working Space, Add	*8.60*	
22 13 16 00-0550	EA	3" Polyvinyl Chloride (PVC) DWV 1/8 Bends	43.11	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0551	EA	4" Polyvinyl Chloride (PVC) DWV 1/8 Bends	53.34	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0552	EA	6" Polyvinyl Chloride (PVC) DWV 1/8 Bends	117.98	38.77
		For Work In Restricted Working Space, Add	*17.46*	
22 13 16 00-0553	EA	8" Polyvinyl Chloride (PVC) DWV 1/8 Bends	177.35	52.21
		For Work In Restricted Working Space, Add	*23.51*	
22 13 16 00-0554	EA	10" Polyvinyl Chloride (PVC) DWV 1/8 Bends	214.14	69.58
		For Work In Restricted Working Space, Add	*31.34*	

22 13 16 00-0555 Polyvinyl Chloride (PVC) DWV Sanitary Tees *(22 13 16 00-0530)*

22 13 16 00-0556	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	35.87	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0557	EA	2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	46.27	28.65
		For Work In Restricted Working Space, Add	*12.90*	
22 13 16 00-0558	EA	3" Polyvinyl Chloride (PVC) DWV Sanitary Tees	66.49	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0559	EA	4" Polyvinyl Chloride (PVC) DWV Sanitary Tees	83.82	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0560	EA	6" Polyvinyl Chloride (PVC) DWV Sanitary Tees	184.16	58.12
		For Work In Restricted Working Space, Add	*26.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0561	EA	8" Polyvinyl Chloride (PVC) DWV Sanitary Tees	242.73	78.27
		For Work In Restricted Working Space, Add	*35.26*	

22 13 16 00-0562 Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees *(22 13 16 00-0530)*

22 13 16 00-0563	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	40.85	24.45
		For Work In Restricted Working Space, Add	*11.01*	
22 13 16 00-0564	EA	2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	45.57	26.51
		For Work In Restricted Working Space, Add	*11.96*	
22 13 16 00-0565	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	43.13	26.51
		For Work In Restricted Working Space, Add	*11.96*	
22 13 16 00-0566	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	56.38	33.13
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0567	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	59.20	35.19
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0568	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	64.95	37.25
		For Work In Restricted Working Space, Add	*16.79*	
22 13 16 00-0569	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	81.68	39.40
		For Work In Restricted Working Space, Add	*17.73*	
22 13 16 00-0570	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	94.71	42.63
		For Work In Restricted Working Space, Add	*19.21*	
22 13 16 00-0571	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	174.26	53.64
		For Work In Restricted Working Space, Add	*24.18*	
22 13 16 00-0572	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	426.76	67.07
		For Work In Restricted Working Space, Add	*30.23*	
22 13 16 00-0573	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	443.98	71.55
		For Work In Restricted Working Space, Add	*32.24*	

22 13 16 00-0574 Polyvinyl Chloride (PVC) DWV Double Sanitary Tees *(22 13 16 00-0530)*

22 13 16 00-0575	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	51.69	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0576	EA	2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	67.43	38.15
		For Work In Restricted Working Space, Add	*17.20*	
22 13 16 00-0577	EA	3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	105.38	51.31
		For Work In Restricted Working Space, Add	*23.10*	
22 13 16 00-0578	EA	4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	135.16	59.64
		For Work In Restricted Working Space, Add	*26.87*	

22 13 16 00-0579 Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees *(22 13 16 00-0530)*

22 13 16 00-0580	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	60.19	34.03
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0581	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	82.37	40.56
		For Work In Restricted Working Space, Add	*18.27*	
22 13 16 00-0582	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	92.61	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0583	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	129.46	48.90
		For Work In Restricted Working Space, Add	*22.03*	
22 13 16 00-0584	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	140.84	55.43
		For Work In Restricted Working Space, Add	*24.98*	

22 13 16 00-0585 Polyvinyl Chloride (PVC) DWV Reducers *(22 13 16 00-0530)*

22 13 16 00-0586	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	28.09	17.01
		For Work In Restricted Working Space, Add	*7.66*	
22 13 16 00-0587	EA	3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	38.63	20.24
		For Work In Restricted Working Space, Add	*9.13*	
22 13 16 00-0588	EA	3" x 2" Polyvinyl Chloride (PVC) DWV Reducers	40.44	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0589	EA	4" x 2" Polyvinyl Chloride (PVC) DWV Reducers	50.28	24.45
		For Work In Restricted Working Space, Add	*11.01*	
22 13 16 00-0590	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Reducers	55.82	27.76
		For Work In Restricted Working Space, Add	*12.49*	
22 13 16 00-0591	EA	6" x 3" Polyvinyl Chloride (PVC) DWV Reducers	120.01	32.23
		For Work In Restricted Working Space, Add	*14.51*	
22 13 16 00-0592	EA	6" x 4" Polyvinyl Chloride (PVC) DWV Reducers	109.03	34.30
		For Work In Restricted Working Space, Add	*15.45*	
22 13 16 00-0593	EA	8" x 4" Polyvinyl Chloride (PVC) DWV Reducers	219.47	41.02
		For Work In Restricted Working Space, Add	*18.47*	
22 13 16 00-0594	EA	8" x 6" Polyvinyl Chloride (PVC) DWV Reducers	198.20	45.49
		For Work In Restricted Working Space, Add	*20.48*	
22 13 16 00-0595	EA	10" x 6" Polyvinyl Chloride (PVC) DWV Reducers	258.17	54.18
		For Work In Restricted Working Space, Add	*24.40*	
22 13 16 00-0596	EA	10" x 8" Polyvinyl Chloride (PVC) DWV Reducers	224.07	60.90
		For Work In Restricted Working Space, Add	*27.42*	

22 13 16 00-0597 Polyvinyl Chloride (PVC) DWV P-Traps *(22 13 16 00-0530)*

22 13 16 00-0598	EA	1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps	38.07	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0599	EA	2" Polyvinyl Chloride (PVC) DWV P-Traps	49.11	28.65
		For Work In Restricted Working Space, Add	*12.90*	
22 13 16 00-0600	EA	3" Polyvinyl Chloride (PVC) DWV P-Traps	88.22	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0601	EA	4" Polyvinyl Chloride (PVC) DWV P-Traps	139.71	44.78
		For Work In Restricted Working Space, Add	*20.15*	

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22 13 16 00-0602	EA	6" Polyvinyl Chloride (PVC) DWV P-Traps	215.58	58.12
		For Work In Restricted Working Space, Add	*26.20*	

22 13 16 00-0603 Polyvinyl Chloride (PVC) DWV Closet Flanges *(22 13 16 00-0530)*

22 13 16 00-0604	EA	4" Polyvinyl Chloride (PVC) DWV Closet Flanges	53.39	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0605	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges	47.66	27.76
		For Work In Restricted Working Space, Add	*12.49*	

22 13 16 00-0606 Polyvinyl Chloride (PVC) DWV Wyes *(22 13 16 00-0530)*

22 13 16 00-0607	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Wyes	38.17	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0608	EA	2" Polyvinyl Chloride (PVC) DWV Wyes	47.60	28.65
		For Work In Restricted Working Space, Add	*12.90*	
22 13 16 00-0609	EA	3" Polyvinyl Chloride (PVC) DWV Wyes	68.19	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0610	EA	4" Polyvinyl Chloride (PVC) DWV Wyes	86.61	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0611	EA	6" Polyvinyl Chloride (PVC) DWV Wyes	173.70	58.12
		For Work In Restricted Working Space, Add	*26.20*	
22 13 16 00-0612	EA	8" Polyvinyl Chloride (PVC) DWV Wyes	222.87	78.27
		For Work In Restricted Working Space, Add	*35.26*	
22 13 16 00-0613	EA	10" Polyvinyl Chloride (PVC) DWV Wyes	294.92	104.33
		For Work In Restricted Working Space, Add	*47.01*	

22 13 16 00-0614 Polyvinyl Chloride (PVC) DWV Reducing Wyes *(22 13 16 00-0530)*

22 13 16 00-0615	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	44.90	24.45
		For Work In Restricted Working Space, Add	*11.01*	
22 13 16 00-0616	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	47.97	26.51
		For Work In Restricted Working Space, Add	*11.96*	
22 13 16 00-0617	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	62.45	33.13
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0618	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	60.91	35.19
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0619	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	76.21	37.25
		For Work In Restricted Working Space, Add	*16.79*	
22 13 16 00-0620	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	74.72	39.40
		For Work In Restricted Working Space, Add	*17.73*	
22 13 16 00-0621	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	82.26	42.63
		For Work In Restricted Working Space, Add	*19.21*	
22 13 16 00-0622	EA	6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	155.82	51.58
		For Work In Restricted Working Space, Add	*23.24*	
22 13 16 00-0623	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	180.83	53.64
		For Work In Restricted Working Space, Add	*24.18*	
22 13 16 00-0624	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	191.02	67.07
		For Work In Restricted Working Space, Add	*30.23*	
22 13 16 00-0625	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	225.58	71.55
		For Work In Restricted Working Space, Add	*32.24*	
22 13 16 00-0626	EA	10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	228.57	84.45
		For Work In Restricted Working Space, Add	*38.06*	
22 13 16 00-0627	EA	10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	265.54	88.93
		For Work In Restricted Working Space, Add	*40.07*	
22 13 16 00-0628	EA	10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes	299.76	95.64
		For Work In Restricted Working Space, Add	*43.10*	

22 13 16 00-0629 Polyvinyl Chloride (PVC) DWV Double Wyes *(22 13 16 00-0530)*

22 13 16 00-0630	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes	54.55	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0631	EA	2" Polyvinyl Chloride (PVC) DWV Double Wyes	69.87	38.15
		For Work In Restricted Working Space, Add	*17.20*	
22 13 16 00-0632	EA	3" Polyvinyl Chloride (PVC) DWV Double Wyes	109.45	51.31
		For Work In Restricted Working Space, Add	*23.10*	
22 13 16 00-0633	EA	4" Polyvinyl Chloride (PVC) DWV Double Wyes	155.31	59.64
		For Work In Restricted Working Space, Add	*26.87*	
22 13 16 00-0634	EA	6" Polyvinyl Chloride (PVC) DWV Double Wyes	265.34	77.55
		For Work In Restricted Working Space, Add	*34.92*	
22 13 16 00-0635	EA	8" Polyvinyl Chloride (PVC) DWV Double Wyes	324.80	104.42
		For Work In Restricted Working Space, Add	*47.02*	
22 13 16 00-0636	EA	10" Polyvinyl Chloride (PVC) DWV Double Wyes	476.77	139.16
		For Work In Restricted Working Space, Add	*62.68*	

22 13 16 00-0637 Polyvinyl Chloride (PVC) DWV Reducing Double Wyes *(22 13 16 00-0530)*

22 13 16 00-0638	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	62.52	34.03
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0639	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	89.36	40.56
		For Work In Restricted Working Space, Add	*18.27*	
22 13 16 00-0640	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	91.32	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0641	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	112.85	48.90
		For Work In Restricted Working Space, Add	*22.03*	
22 13 16 00-0642	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes	135.35	55.43
		For Work In Restricted Working Space, Add	*24.98*	

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22 13 16 00-0643	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	188.50	68.59
		For Work In Restricted Working Space, Add	*30.89*	
22 13 16 00-0644	EA	8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	222.71	82.03
		For Work In Restricted Working Space, Add	*36.94*	
22 13 16 00-0645	EA	8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	267.48	90.99
		For Work In Restricted Working Space, Add	*40.97*	
22 13 16 00-0646	EA	10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	286.55	99.40
		For Work In Restricted Working Space, Add	*44.78*	
22 13 16 00-0647	EA	10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	347.39	108.35
		For Work In Restricted Working Space, Add	*48.80*	
22 13 16 00-0648	EA	10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes	409.08	121.79
		For Work In Restricted Working Space, Add	*54.85*	

22 13 16 00-0649 Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends *(22 13 16 00-0530)*

22 13 16 00-0650	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	41.03	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0651	EA	2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	52.07	28.65
		For Work In Restricted Working Space, Add	*12.90*	
22 13 16 00-0652	EA	3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	81.61	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0653	EA	4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	116.70	44.78
		For Work In Restricted Working Space, Add	*20.15*	

22 13 16 00-0654 Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0530)*

22 13 16 00-0655	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	58.65	26.51
		For Work In Restricted Working Space, Add	*11.96*	
22 13 16 00-0656	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	82.35	33.13
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0657	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	73.25	35.19
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0658	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	104.51	39.40
		For Work In Restricted Working Space, Add	*17.73*	
22 13 16 00-0659	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	113.21	42.63
		For Work In Restricted Working Space, Add	*19.21*	

22 13 16 00-0660 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends *(22 13 16 00-0530)*

22 13 16 00-0661	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	56.77	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0662	EA	2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	70.12	38.15
		For Work In Restricted Working Space, Add	*17.20*	
22 13 16 00-0663	EA	3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	99.26	51.31
		For Work In Restricted Working Space, Add	*23.10*	
22 13 16 00-0664	EA	4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	206.76	59.64
		For Work In Restricted Working Space, Add	*26.87*	
22 13 16 00-0665	EA	6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	541.95	77.55
		For Work In Restricted Working Space, Add	*34.92*	

22 13 16 00-0666 Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0530)*

22 13 16 00-0667	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	90.27	34.03
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0668	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	133.62	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0669	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	197.28	48.90
		For Work In Restricted Working Space, Add	*22.03*	
22 13 16 00-0670	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	191.67	55.43
		For Work In Restricted Working Space, Add	*24.98*	
22 13 16 00-0671	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	380.98	68.59
		For Work In Restricted Working Space, Add	*30.89*	

22 13 16 00-0672 Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug *(22 13 16 00-0530)*

22 13 16 00-0673	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	64.82	28.65
		For Work In Restricted Working Space, Add	*12.90*	
22 13 16 00-0674	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	99.47	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0675	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	139.72	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0676	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	298.14	58.12
		For Work In Restricted Working Space, Add	*26.20*	
22 13 16 00-0677	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	380.03	78.27
		For Work In Restricted Working Space, Add	*35.26*	
22 13 16 00-0678	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	504.88	104.33
		For Work In Restricted Working Space, Add	*47.01*	

22 13 16 00-0679 Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug *(22 13 16 00-0530)*

22 13 16 00-0680	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	26.16	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0681	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	34.74	19.08
		For Work In Restricted Working Space, Add	*8.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0682	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	47.87	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0683	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	66.81	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0684	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	118.67	38.77
		For Work In Restricted Working Space, Add	*17.46*	
22 13 16 00-0685	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	225.77	52.21
		For Work In Restricted Working Space, Add	*23.51*	
22 13 16 00-0686	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	384.86	69.58
		For Work In Restricted Working Space, Add	*31.33*	

22 13 16 00-0687 Polyvinyl Chloride (PVC) Couplings *(22 13 16 00-0530)*

22 13 16 00-0688	EA	1-1/2" Polyvinyl Chloride (PVC) Couplings	23.51	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0689	EA	2" Polyvinyl Chloride (PVC) Couplings	29.91	19.08
		For Work In Restricted Working Space, Add	*8.60*	
22 13 16 00-0690	EA	3" Polyvinyl Chloride (PVC) Couplings	41.72	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0691	EA	4" Polyvinyl Chloride (PVC) Couplings	50.06	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0692	EA	6" Polyvinyl Chloride (PVC) Couplings	87.37	38.77
		For Work In Restricted Working Space, Add	*17.46*	
22 13 16 00-0693	EA	8" Polyvinyl Chloride (PVC) Couplings	162.58	52.21
		For Work In Restricted Working Space, Add	*23.51*	
22 13 16 00-0694	EA	10" Polyvinyl Chloride (PVC) Couplings	235.01	69.58
		For Work In Restricted Working Space, Add	*31.34*	

22 13 16 00-0695 Polyvinyl Chloride (PVC) Male Adapters *(22 13 16 00-0530)*

22 13 16 00-0696	EA	1-1/2" Polyvinyl Chloride (PVC) Male Adapters	12.33	7.43
		For Work In Restricted Working Space, Add	*3.36*	
22 13 16 00-0697	EA	2" Polyvinyl Chloride (PVC) Male Adapters	17.11	9.58
		For Work In Restricted Working Space, Add	*4.30*	
22 13 16 00-0698	EA	3" Polyvinyl Chloride (PVC) Male Adapters	26.98	12.81
		For Work In Restricted Working Space, Add	*5.78*	
22 13 16 00-0699	EA	4" Polyvinyl Chloride (PVC) Male Adapters	40.09	14.95
		For Work In Restricted Working Space, Add	*6.72*	

22 13 16 00-0700 Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0504)*

Note: In place piping.

22 13 16 00-0701	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	6.57
22 13 16 00-0702	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	7.22
22 13 16 00-0703	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	9.19
22 13 16 00-0704	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	12.40
22 13 16 00-0705	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	17.73
22 13 16 00-0706	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	23.64
22 13 16 00-0707	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	28.90

22 13 16 00-0708 Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation.

22 13 16 00-0709 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies *(22 13 16 00-0708)*

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0710	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	18.98	3.76
		For Work In Restricted Working Space, Add	*5.15*	
22 13 16 00-0711	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	21.05	4.48
		For Work In Restricted Working Space, Add	*5.70*	
22 13 16 00-0712	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	27.31	6.45
		For Work In Restricted Working Space, Add	*7.09*	
22 13 16 00-0713	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	30.88	6.98
		For Work In Restricted Working Space, Add	*7.87*	
22 13 16 00-0714	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	46.07	8.95
		For Work In Restricted Working Space, Add	*10.47*	

22 13 16 00-0715 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628) *(22 13 16 00-0708)*

Note: Excludes fittings or hangers.

22 13 16 00-0716	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	6.59	3.76
		For Work In Restricted Working Space, Add	*1.68*	
22 13 16 00-0717	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	8.05	4.48
		For Work In Restricted Working Space, Add	*2.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0718	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	12.41	6.45
		For Work In Restricted Working Space, Add	*2.89*	
22 13 16 00-0719	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	14.41	6.98
		For Work In Restricted Working Space, Add	*3.13*	
22 13 16 00-0720	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	20.71	8.43
		For Work In Restricted Working Space, Add	*3.79*	

22 13 16 00-0721 Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) *(22 13 16 00-0708)*

22 13 16 00-0722 Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends *(22 13 16 00-0721)*

22 13 16 00-0723	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	26.64	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0724	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	34.71	19.08
		For Work In Restricted Working Space, Add	*8.60*	
22 13 16 00-0725	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	57.21	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0726	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	81.45	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0727	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	195.06	38.77
		For Work In Restricted Working Space, Add	*17.46*	

22 13 16 00-0728 Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends *(22 13 16 00-0721)*

22 13 16 00-0729	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	32.52	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0730	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	40.46	19.08
		For Work In Restricted Working Space, Add	*8.60*	
22 13 16 00-0731	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	71.48	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0732	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	109.83	29.82
		For Work In Restricted Working Space, Add	*13.43*	

22 13 16 00-0733 Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends *(22 13 16 00-0721)*

22 13 16 00-0734	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	27.44	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0735	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	34.16	19.08
		For Work In Restricted Working Space, Add	*8.60*	
22 13 16 00-0736	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	54.29	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0737	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	76.05	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0738	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	200.76	38.77
		For Work In Restricted Working Space, Add	*17.46*	

22 13 16 00-0739 Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees *(22 13 16 00-0721)*

22 13 16 00-0740	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	40.82	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0741	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	53.87	28.65
		For Work In Restricted Working Space, Add	*12.90*	
22 13 16 00-0742	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	85.49	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0743	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	120.45	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0744	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	376.11	58.12
		For Work In Restricted Working Space, Add	*26.20*	

22 13 16 00-0745 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees *(22 13 16 00-0721)*

22 13 16 00-0746	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	48.25	24.45
		For Work In Restricted Working Space, Add	*11.01*	
22 13 16 00-0747	EA	2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	56.06	26.51
		For Work In Restricted Working Space, Add	*11.96*	
22 13 16 00-0748	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	50.28	26.51
		For Work In Restricted Working Space, Add	*11.96*	
22 13 16 00-0749	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	70.88	33.13
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0750	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	74.21	35.19
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0751	EA	4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	132.76	37.25
		For Work In Restricted Working Space, Add	*16.79*	
22 13 16 00-0752	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	130.79	39.40
		For Work In Restricted Working Space, Add	*17.73*	
22 13 16 00-0753	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	148.09	42.63
		For Work In Restricted Working Space, Add	*19.21*	
22 13 16 00-0754	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	403.48	53.64
		For Work In Restricted Working Space, Add	*24.18*	

22 13 16 00-0755 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees *(22 13 16 00-0721)*

22 13 16 00-0756	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	66.77	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0757	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	89.41	38.15
		For Work In Restricted Working Space, Add	*17.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0758	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	167.15	51.31
		For Work In Restricted Working Space, Add	*23.10*	
22 13 16 00-0759	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	234.02	59.64
		For Work In Restricted Working Space, Add	*26.87*	

22 13 16 00-0760 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees *(22 13 16 00-0721)*

22 13 16 00-0761	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	76.00	34.03
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0762	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	106.84	40.56
		For Work In Restricted Working Space, Add	*18.27*	
22 13 16 00-0763	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	121.52	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0764	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	188.80	46.00
		For Work In Restricted Working Space, Add	*20.73*	
22 13 16 00-0765	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	201.37	52.15
		For Work In Restricted Working Space, Add	*23.51*	

22 13 16 00-0766 Acrylonitrile Butadiene Styrene (ABS) DWV Wyes *(22 13 16 00-0721)*

22 13 16 00-0767	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	48.16	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0768	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	57.96	28.65
		For Work In Restricted Working Space, Add	*12.90*	
22 13 16 00-0769	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	90.88	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0770	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	128.88	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0771	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	313.76	58.12
		For Work In Restricted Working Space, Add	*26.20*	

22 13 16 00-0772 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes *(22 13 16 00-0721)*

22 13 16 00-0773	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	62.72	24.45
		For Work In Restricted Working Space, Add	*11.01*	
22 13 16 00-0774	EA	2" x 2" X 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	65.59	26.51
		For Work In Restricted Working Space, Add	*11.96*	
22 13 16 00-0775	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	78.58	35.19
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0776	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	108.69	39.40
		For Work In Restricted Working Space, Add	*17.73*	
22 13 16 00-0777	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	121.96	42.63
		For Work In Restricted Working Space, Add	*19.21*	
22 13 16 00-0778	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	267.68	53.64
		For Work In Restricted Working Space, Add	*24.18*	

22 13 16 00-0779 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes *(22 13 16 00-0721)*

22 13 16 00-0780	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	75.78	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0781	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	97.20	38.15
		For Work In Restricted Working Space, Add	*17.20*	
22 13 16 00-0782	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	180.10	51.31
		For Work In Restricted Working Space, Add	*23.10*	
22 13 16 00-0783	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	298.38	59.64
		For Work In Restricted Working Space, Add	*26.87*	

22 13 16 00-0784 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes *(22 13 16 00-0721)*

22 13 16 00-0785	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	87.47	34.03
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0786	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	133.61	40.56
		For Work In Restricted Working Space, Add	*18.27*	
22 13 16 00-0787	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	143.70	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0788	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	198.63	48.90
		For Work In Restricted Working Space, Add	*22.03*	
22 13 16 00-0789	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	248.66	55.43
		For Work In Restricted Working Space, Add	*24.98*	

22 13 16 00-0790 Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend *(22 13 16 00-0721)*

22 13 16 00-0791	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	56.86	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0792	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	73.25	28.65
		For Work In Restricted Working Space, Add	*12.90*	
22 13 16 00-0793	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	107.62	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0794	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	161.06	42.12
		For Work In Restricted Working Space, Add	*18.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0795		Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend *(22 13 16 00-0721)*		
22 13 16 00-0796	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	64.35	26.51
		For Work In Restricted Working Space, Add	*11.96*	
22 13 16 00-0797	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	107.72	33.13
		For Work In Restricted Working Space, Add	*14.91*	
22 13 16 00-0798	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	89.10	35.19
		For Work In Restricted Working Space, Add	*15.85*	
22 13 16 00-0799	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	139.88	39.40
		For Work In Restricted Working Space, Add	*17.73*	
22 13 16 00-0800	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	151.49	42.63
		For Work In Restricted Working Space, Add	*19.21*	
22 13 16 00-0801		Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend *(22 13 16 00-0721)*		
22 13 16 00-0802	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	112.10	38.15
		For Work In Restricted Working Space, Add	*17.20*	
22 13 16 00-0803	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	203.35	51.31
		For Work In Restricted Working Space, Add	*23.10*	
22 13 16 00-0804		Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend *(22 13 16 00-0721)*		
22 13 16 00-0805	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	95.13	34.03
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0806	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	191.36	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0807		Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug *(22 13 16 00-0721)*		
22 13 16 00-0808	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	60.97	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0809	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	77.35	28.65
		For Work In Restricted Working Space, Add	*12.90*	
22 13 16 00-0810	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	116.78	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0811	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	177.50	44.78
		For Work In Restricted Working Space, Add	*20.15*	
22 13 16 00-0812		Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug *(22 13 16 00-0721)*		
22 13 16 00-0813	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	31.78	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0814	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	43.80	19.08
		For Work In Restricted Working Space, Add	*8.60*	
22 13 16 00-0815	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	61.78	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0816	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	99.59	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0817	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	208.70	38.77
		For Work In Restricted Working Space, Add	*17.46*	
22 13 16 00-0818		Acrylonitrile Butadiene Styrene (ABS) DWV Couplings *(22 13 16 00-0721)*		
22 13 16 00-0819	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	25.63	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0820	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	32.06	19.08
		For Work In Restricted Working Space, Add	*8.60*	
22 13 16 00-0821	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	47.78	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0822	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	60.08	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0823	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	133.84	38.77
		For Work In Restricted Working Space, Add	*17.46*	
22 13 16 00-0824		Acrylonitrile Butadiene Styrene (ABS) DWV Reducers *(22 13 16 00-0721)*		
22 13 16 00-0825	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	33.72	17.01
		For Work In Restricted Working Space, Add	*7.66*	
22 13 16 00-0826	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	56.45	20.24
		For Work In Restricted Working Space, Add	*9.13*	
22 13 16 00-0827	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	55.39	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0828	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	79.72	24.45
		For Work In Restricted Working Space, Add	*11.01*	
22 13 16 00-0829	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	86.64	27.76
		For Work In Restricted Working Space, Add	*12.49*	
22 13 16 00-0830		Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps *(22 13 16 00-0721)*		
22 13 16 00-0831	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	49.48	22.39
		For Work In Restricted Working Space, Add	*10.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0832	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	68.73	28.65
		For Work In Restricted Working Space, Add	*12.90*	
22 13 16 00-0833	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	175.66	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 13 16 00-0834	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	308.72	44.78
		For Work In Restricted Working Space, Add	*20.15*	

22 13 16 00-0835 Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges *(22 13 16 00-0721)*

22 13 16 00-0836	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	66.99	29.82
		For Work In Restricted Working Space, Add	*13.43*	
22 13 16 00-0837	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	62.47	27.76
		For Work In Restricted Working Space, Add	*12.49*	

22 13 16 00-0838 Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters *(22 13 16 00-0721)*

22 13 16 00-0839	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	15.33	7.43
		For Work In Restricted Working Space, Add	*3.36*	
22 13 16 00-0840	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	21.65	9.58
		For Work In Restricted Working Space, Add	*4.30*	
22 13 16 00-0841	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	40.58	12.81
		For Work In Restricted Working Space, Add	*5.78*	
22 13 16 00-0842	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	69.56	14.95
		For Work In Restricted Working Space, Add	*6.72*	

22 13 16 00-0843 Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings *(22 13 16 00-0721)*

22 13 16 00-0844	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	28.93	17.01
		For Work In Restricted Working Space, Add	*7.66*	
22 13 16 00-0845	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	48.84	20.24
		For Work In Restricted Working Space, Add	*9.13*	
22 13 16 00-0846	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	45.27	22.39
		For Work In Restricted Working Space, Add	*10.07*	
22 13 16 00-0847	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	79.13	24.45
		For Work In Restricted Working Space, Add	*11.01*	
22 13 16 00-0848	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	66.22	27.76
		For Work In Restricted Working Space, Add	*12.49*	
22 13 16 00-0849	EA	6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	144.84	32.26
		For Work In Restricted Working Space, Add	*14.53*	

22 13 16 00-0850 Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings *(22 13 16 00-0721)*

22 13 16 00-0851	EA	1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	40.89	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 13 16 00-0852	EA	2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	48.38	19.08
		For Work In Restricted Working Space, Add	*8.60*	
22 13 16 00-0853	EA	3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	59.47	25.61
		For Work In Restricted Working Space, Add	*11.55*	
22 13 16 00-0854	EA	4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	66.98	29.82
		For Work In Restricted Working Space, Add	*13.43*	

22 13 16 00-0855 Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe

(22 13 16 00-0708)

Note: In place piping.

22 13 16 00-0856	EA	1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	6.57
22 13 16 00-0857	EA	2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	7.22
22 13 16 00-0858	EA	3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	9.19
22 13 16 00-0859	EA	4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	12.40
22 13 16 00-0860	EA	6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	17.73

22 13 16 00-0861 Elastomeric Flexible Pipe Couplings *(22 13 16)*

22 13 16 00-0862 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings

(22 13 16 00-0861)

Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.

22 13 16 00-0863	EA	1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125)	12.58	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 13 16 00-0864	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	13.59	4.13
		For Work In Restricted Working Space, Add	*2.48*	
22 13 16 00-0865	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	14.28	4.37
		For Work In Restricted Working Space, Add	*2.63*	
22 13 16 00-0866	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	16.70	4.63
		For Work In Restricted Working Space, Add	*2.77*	
22 13 16 00-0867	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	19.06	4.87
		For Work In Restricted Working Space, Add	*2.92*	
22 13 16 00-0868	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	24.85	5.11
		For Work In Restricted Working Space, Add	*3.07*	
22 13 16 00-0869	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	30.67	5.35
		For Work In Restricted Working Space, Add	*3.21*	
22 13 16 00-0870	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	42.40	5.83
		For Work In Restricted Working Space, Add	*3.50*	
22 13 16 00-0871	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	56.33	6.81
		For Work In Restricted Working Space, Add	*4.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0872		Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings *(22 13 16 00-0861)* Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
22 13 16 00-0873	EA	1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125)	13.40	4.13
		For Work In Restricted Working Space, Add	*2.48*	
22 13 16 00-0874	EA	2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215)	14.59	4.37
		For Work In Restricted Working Space, Add	*2.63*	
22 13 16 00-0875	EA	3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315)	18.24	4.63
		For Work In Restricted Working Space, Add	*2.77*	
22 13 16 00-0876	EA	3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32)	16.14	4.63
		For Work In Restricted Working Space, Add	*2.77*	
22 13 16 00-0877	EA	4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415)	22.85	4.87
		For Work In Restricted Working Space, Add	*2.92*	
22 13 16 00-0878	EA	4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42)	21.78	4.87
		For Work In Restricted Working Space, Add	*2.92*	
22 13 16 00-0879	EA	4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43)	19.78	4.87
		For Work In Restricted Working Space, Add	*2.92*	
22 13 16 00-0880	EA	5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53)	29.54	5.11
		For Work In Restricted Working Space, Add	*3.07*	
22 13 16 00-0881	EA	5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54)	26.49	5.11
		For Work In Restricted Working Space, Add	*3.07*	
22 13 16 00-0882	EA	6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63)	36.98	5.35
		For Work In Restricted Working Space, Add	*3.21*	
22 13 16 00-0883	EA	6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64)	32.41	5.35
		For Work In Restricted Working Space, Add	*3.21*	
22 13 16 00-0884	EA	6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65)	33.68	5.35
		For Work In Restricted Working Space, Add	*3.21*	
22 13 16 00-0885	EA	8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84)	66.48	9.72
		For Work In Restricted Working Space, Add	*5.84*	
22 13 16 00-0886	EA	8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86)	53.81	9.72
		For Work In Restricted Working Space, Add	*5.84*	
22 13 16 00-0887	EA	10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8)	68.66	10.94
		For Work In Restricted Working Space, Add	*6.57*	
22 13 16 00-0888		Elastomeric Flexible Pipe Caps *(22 13 16)* Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp. Fernco QC.		
22 13 16 00-0889	EA	1-1/2" Elastomeric Flexible Pipe Cap (Fernco QC-101)	44.01	26.27
22 13 16 00-0890	EA	2" Elastomeric Flexible Pipe Cap (Fernco QC-102)	47.32	27.93
22 13 16 00-0891	EA	3" Elastomeric Flexible Pipe Cap (Fernco QC-103)	54.92	32.01
22 13 16 00-0892	EA	4" Elastomeric Flexible Pipe Cap (Fernco QC-104)	72.41	42.32
22 13 16 00-0893	EA	5" Elastomeric Flexible Pipe Cap (Fernco QC-105)	86.87	50.60
22 13 16 00-0894	EA	6" Elastomeric Flexible Pipe Cap (Fernco QC-106)	99.83	58.38
22 13 16 00-0895	EA	8" Elastomeric Flexible Pipe Cap (Fernco QC-108)	135.72	73.94
22 13 16 00-0896	EA	10" Elastomeric Flexible Pipe Cap (Fernco QC-110)	170.07	82.70
22 13 16 00-0897	EA	12" Elastomeric Flexible Pipe Cap (Fernco QC-112)	220.54	91.94
22 13 16 00-0898		Cast Iron Vent Stack Flashing Sleeves With Caulking Recess *(22 13 16)* Note: Josam 26450 Series.		
22 13 16 00-0899	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	85.17	20.15
22 13 16 00-0900	EA	2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	89.65	22.39
22 13 16 00-0901	EA	3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	135.13	29.11
22 13 16 00-0902	EA	4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	158.52	33.58
22 13 16 00-0903	EA	5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	185.09	38.06
22 13 16 00-0904	EA	6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	315.83	42.54
22 13 16 00-0905		Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess *(22 13 16)* Note: Josam 26440 Series		
22 13 16 00-0906	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	147.80	20.15
22 13 16 00-0907	EA	2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	152.28	22.39
22 13 16 00-0908	EA	3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	181.78	29.11
22 13 16 00-0909	EA	4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	226.56	33.58
22 13 16 00-0910	EA	5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	307.18	38.06
22 13 16 00-0911	EA	6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	316.13	42.54
22 13 16 00-0912		Cast Iron Vandal Proof Hooded Vent Cap *(22 13 16)* Note: Includes counterflashing collar, deep protective hood and recessed securing screws. Josam 26700 Series.		
22 13 16 00-0913	EA	1-1/2" Cast Iron Vandal Proof Hooded Vent Cap	276.70	20.15
22 13 16 00-0914	EA	2" Cast Iron Vandal Proof Hooded Vent Cap	281.19	22.39
22 13 16 00-0915	EA	3" Cast Iron Vandal Proof Hooded Vent Cap	324.17	29.11
22 13 16 00-0916	EA	4" Cast Iron Vandal Proof Hooded Vent Cap	365.15	33.58
22 13 16 00-0917	EA	5" Cast Iron Vandal Proof Hooded Vent Cap	425.82	38.06
22 13 16 00-0918	EA	6" Cast Iron Vandal Proof Hooded Vent Cap	465.55	42.54

22 13 19 Sanitary Waste Piping Specialties *(22 13)*

22 13 19 13 Sanitary Drains *(22 13 19)*

22 13 19 13-0001 Round Top Floor Drains *(22 13 19 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0002	EA	6" Round Top Floor Drain With 1-1/2" Outlet, Bronze Top	616.96	96.27
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0003	EA	6" Round Top Floor Drain With 2" Outlet, Bronze Top	678.19	107.91
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0004	EA	6" Round Top Floor Drain With 3" Outlet, Bronze Top	663.26	119.37
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0005	EA	6" Round Top Floor Drain With 4" Outlet, Bronze Top	687.85	131.73
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0006	EA	9" Round Top Floor Drain With 2" Outlet, Cast Iron Top	620.68	107.91
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0007	EA	9" Round Top Floor Drain With 3" Outlet, Cast Iron Top	643.70	119.37
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0008	EA	9" Round Top Floor Drain With 4" Outlet, Cast Iron Top	668.29	131.73
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0009	EA	9" Round Top Floor Drain With 2" Outlet, Nikaloy Top	1,023.63	107.91
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0010	EA	9" Round Top Floor Drain With 3" Outlet, Nikaloy Top	1,046.65	119.37
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0011	EA	9" Round Top Floor Drain With 4" Outlet, Nikaloy Top	1,071.24	131.73
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0012	EA	9" Round Top Floor Drain With 2" Outlet, Bronze Top	964.95	107.91
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0013	EA	9" Round Top Floor Drain With 3" Outlet, Bronze Top	987.85	119.37
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0014	EA	9" Round Top Floor Drain With 4" Outlet, Bronze Top	1,012.56	131.73
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3", Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0015	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Cast Iron Top	1,058.74	107.82
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0016	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Cast Iron Top	1,081.74	119.37
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0017	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Cast Iron Top	1,106.45	131.73
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0018	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Nikaloy Top	1,661.20	107.82
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0019	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Nikaloy Top	1,684.20	119.37
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0020	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Nikaloy Top	1,708.91	131.73
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0021	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Bronze Top	1,581.00	107.82
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0022	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Bronze Top	1,604.00	119.37
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0023	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Bronze Top	1,628.71	131.73
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
		For Vandal Proof Screws, Add	*30.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0024		Square Or Rectangular Top Drains *(22 13 19 13)*		
22 13 19 13-0025	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	732.08	107.82
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0026	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	755.33	119.46
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	779.79	131.73
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0028	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	790.76	107.82
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	814.01	119.46
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	838.47	131.73
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0031	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,048.96	107.82
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0032	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,072.21	119.46
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0033	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,096.67	131.73
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0034	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top	689.04	107.82
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0035	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top	712.29	119.46
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0036	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top	736.75	131.73
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0037	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top	763.37	107.82
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0038	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top	786.62	119.46
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0039	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top	811.08	131.73
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0040	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top	972.67	107.82
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0041	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top	995.92	119.46
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0042	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top	1,020.38	131.73
		For Sediment Bucket, Add	*22.50*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0043	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top	2,505.99	119.46
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0044	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top	2,530.45	131.73
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0045	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top	3,143.66	119.46
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0046	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top	3,168.12	131.73
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0047	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top	3,067.38	119.46
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0048	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top	3,091.84	131.73
		For Galvanized Cast Iron Parts, Add	*318.00*	
		For No-Hub Side Outlet, Add	*76.00*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0049	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,064.61	107.82
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0050	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,087.86	119.46
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0051	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,112.32	131.73
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0052	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,367.79	107.82
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0053	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,391.04	119.46
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0054	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,415.50	131.73
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0055	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,438.21	107.82
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0056	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,461.46	119.46
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0057	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,485.92	131.73
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0058	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,983.95	107.82
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0059	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top	2,007.20	119.46
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0060	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,031.66	131.73
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0061	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top	1,002.01	107.82
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0062	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top	1,025.26	119.46
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0063	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top	1,049.72	131.73
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0064	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top	1,260.21	107.82
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0065	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top	1,283.46	119.46
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0066	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top	1,307.92	131.73
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0067	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top	1,330.63	107.82
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0068	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,353.88	119.46
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0069	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top	1,378.34	131.73
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0070	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top	1,774.65	107.82
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0071	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top	1,797.90	119.46
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0072	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top	1,822.36	131.73
		For Rough Bronze Body, Add	*120.94*	
		For Sediment Bucket, Add	*22.50*	
		For Vandal Proof Screws, Add	*11.00*	

22 13 19 13-0073 Funnel Type Floor Drains *(22 13 19 13)*

22 13 19 13-0074	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top	1,004.34	96.27
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top	1,027.44	107.82
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top	1,050.44	119.37
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top	1,075.15	131.73
		For Vandal Proof Screws, Add	*11.00*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0078	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top	1,467.55	107.82
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top	1,490.55	119.37
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top	1,515.26	131.73
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top	1,391.27	107.82
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top	1,414.27	119.37
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	
22 13 19 13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top	1,438.98	131.73
		For Vandal Proof Screws, Add	*11.00*	
		For Primer Tap, Add	*15.10*	
		For Galvanized Cast Iron Parts, Add	*105.00*	
		For Satin Finish Bronze Top, Deduct	*-19.50*	

22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet *(22 13 19 13)*

22 13 19 13-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap	2,123.12	96.27
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap	2,146.30	107.82
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap	2,169.30	119.37
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap	2,194.01	131.73
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap	2,219.49	144.44
		For Galvanized Cast Iron Parts, Add	*247.00*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	2,294.96	107.82
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	2,318.21	119.46
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	2,342.67	131.73
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0093	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	2,368.15	144.44
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0094	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,412.78	107.82
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,436.03	119.46
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,460.49	131.73
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,485.97	144.44
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,142.39	107.82
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0099	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,165.64	119.46
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0100	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,190.10	131.73
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0101	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,215.58	144.44
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	

22 13 19 13-0102 Other Drains *(22 13 19 13)*

22 13 19 13-0103 Shower Drains *(22 13 19 13-0102)*

22 13 19 13-0104	EA	4-1/4" Stainless Steel Shower Drain Strainer Note: Includes two 2-5/8" screws.	33.95	9.72
22 13 19 13-0105	EA	4-1/4" Brass Shower Drain Strainer Note: Includes two 2-5/8" screws.	37.34	9.72
22 13 19 13-0106	EA	4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.	79.65	19.46
22 13 19 13-0107	EA	4" Chrome Finish, Threaded Brass Shower Drain And Gasket Note: For 2" pipe. Kohler K-9132.	99.10	19.46

22 13 19 13-0108 Acid Resistant Floor Drains *(22 13 19 13-0102)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0109	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,012.08	96.27
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0110	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,035.26	107.82
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	
22 13 19 13-0111	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	1,058.26	119.37
		For Galvanized Cast Iron Parts, Add	*87.50*	
		For Primer Tap, Add	*33.50*	
		For Vandal Proof Screws, Add	*30.50*	

22 13 19 13-0112 Rotary And Lever Drains *(22 13 19 13-0102)*

22 13 19 13-0113	EA	1-1/2" Drain, 3" Sink Opening Lever Drain	194.90	64.92
22 13 19 13-0114	EA	2" Drain, 3" Sink Opening Lever Drain	208.33	71.64
22 13 19 13-0115	EA	1-1/2" Drain, 3-1/2" Sink Opening Lever Drain	194.90	64.92
22 13 19 13-0116	EA	2" Drain, 3-1/2" Sink Opening Lever Drain	208.33	71.64
22 13 19 13-0117	EA	1-1/2" Drain, 3" Sink Opening Twist Drain	194.90	64.92
22 13 19 13-0118	EA	2" Drain, 3" Sink Opening Twist Drain	208.33	71.64
22 13 19 13-0119	EA	1-1/2" Drain, 3-1/2" Sink Opening Twist Drain	194.90	64.92
22 13 19 13-0120	EA	2" Drain, 3-1/2" Sink Opening Twist Drain	208.33	71.64
22 13 19 13-0121	EA	1-1/2"-2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100)	258.53	71.64

22 13 19 13-0122 Floor Receptor *(22 13 19 13)*

22 13 19 13-0123 9" Diameter Round Shallow Receptor *(22 13 19 13-0122)*

Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.

22 13 19 13-0124	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	1,240.80	107.91
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0125	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	1,264.15	119.55
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0126	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	1,288.36	131.73
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	

22 13 19 13-0127 Square Top Floor Receptors *(22 13 19 13-0122)*

Note: With acid resistant coating.

22 13 19 13-0128	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	1,460.10	96.27
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0129	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,483.30	107.91
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0130	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,506.20	119.37
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0131	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top	1,530.91	131.73
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	

22 13 19 13-0132 Floor Drain Accessories *(22 13 19 13)*

22 13 19 13-0133	EA	3" Trap Guard Floor Drain Insert (ProVent TG3H) Note: Prevents emission of sewer gases.	70.44	11.20
22 13 19 13-0134	EA	2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22) Note: Prevents emission of sewer gases.	58.43	11.20
22 13 19 13-0135	EA	3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33) Note: Prevents emission of sewer gases.	63.23	11.20
22 13 19 13-0136	EA	3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP) Note: Prevents emission of sewer gases.	75.25	11.20
22 13 19 13-0137	EA	3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP) Note: Prevents emission of sewer gases.	68.04	11.20
22 13 19 13-0138	EA	2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02) Note: Prevents emission of sewer gases.	94.65	11.20
22 13 19 13-0139	EA	3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03) Note: Prevents emission of sewer gases.	104.32	11.20
22 13 19 13-0140	EA	4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04) Note: Prevents emission of sewer gases.	128.33	11.20

22 13 19 26 Grease Removal Devices *(22 13 19)*

22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)*

Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.

22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*

Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.

22 13 19 26-0003	EA	7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60102H.	797.92	67.17
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,292.73*	
22 13 19 26-0004	EA	10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60103H.	928.64	151.12
		For Flange And Clamp Device, Add	*360.91*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,364.56*	
22 13 19 26-0005	EA	15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60104H.	1,300.49	167.91
		For Flange And Clamp Device, Add	*372.10*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,489.83*	
22 13 19 26-0006	EA	20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H.	1,564.02	184.70
		For Flange And Clamp Device, Add	*383.30*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,609.66*	
22 13 19 26-0007	EA	25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H.	1,749.10	201.49
		For Flange And Clamp Device, Add	*424.89*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,674.77*	
22 13 19 26-0008	EA	35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H.	2,143.34	235.07
		For Flange And Clamp Device, Add	*458.48*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,840.83*	
22 13 19 26-0009	EA	50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H.	2,781.62	268.65
		For Flange And Clamp Device, Add	*521.82*	
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,959.85*	
22 13 19 26-0010	EA	75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H.	5,383.46	302.23
		For Flange And Clamp Device, Add	*745.49*	
22 13 19 26-0011	EA	100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H.	6,069.40	349.77
		For Flange And Clamp Device, Add	*841.18*	
22 13 19 26-0012	EA	150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A.	7,527.52	559.63
		For Flange And Clamp Device, Add	*1,141.09*	
22 13 19 26-0013	EA	200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A.	10,770.41	699.54
		For Flange And Clamp Device, Add	*1,363.64*	
22 13 19 26-0014	EA	250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A.	12,571.05	839.45
		For Flange And Clamp Device, Add	*1,769.88*	
22 13 19 26-0015	EA	350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A,.	16,300.38	979.36
		For Flange And Clamp Device, Add	*2,100.91*	
22 13 19 26-0016	EA	500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A.	21,043.64	1,119.27
		For Flange And Clamp Device, Add	*2,467.46*	

22 13 19 26-0017 Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)*

Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0018	EA	20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60115A.	2,221.45	184.70
22 13 19 26-0019	EA	35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60117A.	2,856.80	235.07
22 13 19 26-0020	EA	50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Smith 8150.	4,667.56	268.65
22 13 19 26-0021		Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)* Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022		Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0021)* Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA	7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA.	1,941.77	67.17
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,292.73*	
22 13 19 26-0024	EA	10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA.	2,280.84	151.12
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,364.56*	
22 13 19 26-0025	EA	15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA.	2,439.36	167.91
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,489.83*	
22 13 19 26-0026	EA	20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA.	2,969.35	184.70
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,609.66*	
22 13 19 26-0027	EA	25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA.	3,571.54	201.49
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,674.77*	
22 13 19 26-0028	EA	35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA.	3,703.06	235.07
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,840.83*	
22 13 19 26-0029	EA	50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA.	4,227.20	268.65
		For Steel Enclosure Cabinet With Non Skid Cover, Add	*1,959.85*	
22 13 19 26-0030		Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0021)* Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA	35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA.	4,944.86	235.07
22 13 19 26-0032		Automatic Cleaning Stainless Steel Grease Interceptor *(22 13 19 26)*		
22 13 19 26-0033	EA	20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).	4,264.62	184.70
22 13 19 26-0034	EA	25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).	4,945.65	201.49
22 13 19 26-0035	EA	35 GPM, 70 LB Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35)	4,271.33	235.07
22 13 19 26-0036		Precast Concrete Grease Interceptor *(22 13 19 26)* Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037	EA	1,000 Gallon Pre-Cast Grease Interceptor	4,552.46	311.93
22 13 19 26-0038	EA	1,250 Gallon Pre-Cast Grease Interceptor	5,212.20	311.93
22 13 19 26-0039	EA	1,500 Gallon Pre-Cast Grease Interceptor	5,915.56	356.60
22 13 19 26-0040	EA	2,000 Gallon Pre-Cast Grease Interceptor	6,723.97	503.61
22 13 19 26-0041	EA	2,500 Gallon Pre-Cast Grease Interceptor	7,561.96	677.57
22 13 19 26-0042	EA	4,000 Gallon Pre-Cast Grease Interceptor	11,352.05	891.46
22 13 19 26-0043	EA	5,000 Gallon Pre-Cast Grease Interceptor	14,548.91	1,461.85
22 13 19 26-0044		Coated Steel Manual Oil Interceptor *(22 13 19 26)* Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0045	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	2,929.09	255.87
22 13 19 26-0046	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	3,925.14	304.03
22 13 19 26-0047	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	4,755.55	374.08
22 13 19 26-0048	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	5,164.81	405.21
22 13 19 26-0049	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	6,176.04	442.18
22 13 19 26-0050	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	8,092.84	486.45
22 13 19 26-0051	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	13,450.57	559.70
22 13 19 26-0052	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	14,744.38	688.65
22 13 19 26-0053	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	18,052.91	746.41
22 13 19 26-0054	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	25,188.27	895.51
22 13 19 26-0055	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	29,021.82	962.68
22 13 19 26-0056	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	36,525.98	1,148.05
22 13 19 26-0057	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	43,878.18	940.74
22 13 19 26-0058	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	51,981.22	1,119.39

22 13 19 33 Backwater Valves *(22 13 19)*

22 13 19 33-0001 Cast Iron Body Terminal Backwater Valves *(22 13 19 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 33-0002	EA	2" Cast Iron Body Terminal Backwater Valve	232.88	25.71
22 13 19 33-0003	EA	3" Cast Iron Body Terminal Backwater Valve	242.74	32.33
22 13 19 33-0004	EA	4" Cast Iron Body Terminal Backwater Valve	347.76	42.99
22 13 19 33-0005	EA	6" Cast Iron Body Terminal Backwater Valve	898.09	58.89
22 13 19 33-0006	EA	8" Cast Iron Body Terminal Backwater Valve	1,101.70	77.51
22 13 19 33-0007	EA	10" Cast Iron Body Terminal Backwater Valve	3,105.44	95.62
22 13 19 33-0008	EA	12" Cast Iron Body Terminal Backwater Valve	3,527.91	124.01

22 13 19 33-0009 Cast Iron Backwater Sewer Line Valve *(22 13 19 33)*

Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.

22 13 19 33-0010	EA	2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	587.90	61.30
22 13 19 33-0011	EA	3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	879.80	74.33
22 13 19 33-0012	EA	4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,091.84	95.82
22 13 19 33-0013	EA	6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,506.29	106.99
22 13 19 33-0014	EA	8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,069.09	126.80

22 13 19 33-0015 Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve *(22 13 19 33)*

Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.

22 13 19 33-0016	EA	3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	1,514.91	96.99
22 13 19 33-0017	EA	4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	1,562.91	128.96
22 13 19 33-0018	EA	5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,254.37	158.46
22 13 19 33-0019	EA	6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,281.92	176.67

22 13 19 33-0020 Polyvinyl Chloride (PVC) Backwater Sewer Line Valve *(22 13 19 33)*

Note: Oatey.

22 13 19 33-0021	EA	3" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900)	95.40	32.33
22 13 19 33-0022	EA	4" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904)	116.24	42.99
22 13 19 33-0023	EA	6" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908)	309.13	58.89

22 13 19 33-0024 Polyvinyl Chloride (PVC) Extendable Backwater Valves *(22 13 19 33)*

22 13 19 33-0025	EA	3" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	219.81	64.66
22 13 19 33-0026	EA	4" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	292.69	85.97
22 13 19 33-0027	EA	6" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check) Note: Includes valve body, flapper assembly and collar.	490.19	117.77

22 13 19 36 Air-Admittance Valves *(22 13 19)*

22 13 19 36-0001 Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent *(22 13 19 36)*

22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent	133.40	12.54
22 13 19 36-0003	EA	2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent	158.39	12.54

22 13 23 Sanitary Waste Interceptors *(22 13)*

22 13 23 00-0001 Sediment Bucket Solids Interceptors *(22 13 23)*

22 13 23 00-0002	EA	1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	772.81	126.81
22 13 23 00-0003	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	773.72	126.81
22 13 23 00-0004	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO) Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,071.43	126.81
22 13 23 00-0005	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,071.43	126.81
22 13 23 00-0006	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,138.82	126.81

22 13 23 00-0007 Solid Interceptors, Cast Iron With Internal Deep Seal Trap *(22 13 23)*

22 13 23 00-0008	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel	309.31	43.39
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0009	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel	314.86	46.21
		For Stainless Steel Bucket, Add	*175.00*	

22 13 23 00-0010 Sediment Strainers *(22 13 23)*

22 13 23 00-0011	EA	2" Strainer, Pump Suction Side	131.62	59.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 29 Sanitary Sewerage Pumps *(22 13)*

Note: Includes extra set of gaskets, bearings and seals.

22 13 29 13 Wet-Pit-Mounted, Vertical Sewerage Pumps *(22 13 29)*

22 13 29 13-0001 Vertical Non-Clog Sewage Pumps *(22 13 29 13)*

22 13 29 13-0002 1-1/2" Solids 1,750 RPM Vertical Sewage Pumps *(22 13 29 13-0001)*

22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	4,708.54	1,074.26
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	4,865.89	1,074.26
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	5,023.24	1,074.26
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM	5,173.33	1,074.26

22 13 29 13-0007 2" Solids 1,750 RPM Vertical Sewage Pumps *(22 13 29 13-0001)*

22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	5,144.28	1,074.26
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	5,204.80	1,074.26
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	5,247.16	1,074.26
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	5,537.66	1,074.26
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	5,822.10	1,074.26
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	6,257.85	1,074.26
22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	6,693.59	1,074.26
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM	7,840.04	1,429.60

22 13 29 13-0016 3" Solids 1,750 RPM Vertical Sewage Pumps *(22 13 29 13-0001)*

22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	5,447.52	1,074.26
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	5,447.52	1,074.26
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	5,552.38	1,074.26
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	6,365.96	1,074.26
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	6,508.67	1,074.26
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	7,890.24	1,429.60
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM	8,253.36	1,429.60

22 13 29 13-0024 Extra Column Assemblies Addition, 5' Or Less *(22 13 29 13-0001)*

22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	544.22
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	653.44
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	730.37
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	743.67
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	834.84

22 13 29 13-0030 Float Switches *(22 13 29 13-0001)*

Note: Copper coated floats, brass rods and stops and switch brackets.

22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps	489.13
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps	513.82
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps	525.22

22 13 29 13-0034 Square Or Round Steel Sump Covers *(22 13 29 13-0001)*

22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round	510.84	35.82
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round	565.69	40.30
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round	783.91	53.73
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round	1,130.26	62.69
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round	1,210.54	64.92
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round	1,293.46	67.17
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round	1,645.31	80.60
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round	2,219.16	89.55
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round	2,814.01	111.94
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round	3,567.93	123.13

22 13 29 16 Submersible Sewerage Pumps *(22 13 29)*

Note: Includes 25' of cord with pumps unless otherwise noted.

22 13 29 16-0001 Submersible Sewage Pumps With Vortex Impeller *(22 13 29 16)*

22 13 29 16-0002 Submersible Sewage Pumps With Cast Iron Vortex Impeller *(22 13 29 16-0001)*

22 13 29 16-0003	EA	1/2 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	534.02	65.19
22 13 29 16-0004	EA	1/2 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	691.62	65.19
22 13 29 16-0005	EA	1 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	834.05	81.48

22 13 29 16-0006 Submersible Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*

22 13 29 16-0007	EA	1/2 HP Submersible Sewage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	786.25	65.19
22 13 29 16-0008	EA	1 HP Submersible Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	962.78	81.48
22 13 29 16-0009	EA	1-1/2 HP Submersible Sewage Pump, 230 Volt, 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,175.64	131.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0010	EA	2 HP Submersible Sewage Pump, 230 Volt, 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,298.08	160.52

22 13 29 16-0011 Submersible Sewage Pumps With Semi-Open Impeller *(22 13 29 16)*

22 13 29 16-0012	EA	1 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,681.91	81.48
22 13 29 16-0013	EA	1.5 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,866.15	130.29
22 13 29 16-0014	EA	2 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,406.70	159.24
22 13 29 16-0015	EA	3 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,799.83	193.01
22 13 29 16-0016	EA	5 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	3,262.81	226.79
22 13 29 16-0017	EA	7.5 HP Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	3,412.60	260.57

22 13 29 16-0018 Submersible Sewage Pumps Accessories *(22 13 29 16)*

22 13 29 16-0019	EA	Simplex Single Phase Plug In Controller With NEMA 4X Enclosure For Non-Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, and single control float switches.	321.85	74.81
22 13 29 16-0020	EA	Simplex Single Phase Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch, and three control float switches.	736.61	99.76
22 13 29 16-0021	EA	Simplex Three Phase Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch, and three control float switches.	949.39	99.76
22 13 29 16-0022	EA	Duplex Alarm System And Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch, and three control float switches.	1,063.03	124.69
22 13 29 16-0023	EA	High-water Alarm For Submersible Sewage Pump	246.03	49.87
22 13 29 16-0024	EA	Float Switch For Submersible Sewage Pump	93.94	24.94
22 13 29 16-0025	EA	Rail System With 2" Discharge For Submersible Sewage Pump	457.50	74.81

22 13 29 33 Sewerage Pump Basins And Pits *(22 13 29)*

22 13 29 33-0001 Sewage Sump Pump Basin *(22 13 29 33)*

22 13 29 33-0002 High Density Polyethylene (HDPE) Basin *(22 13 29 33-0001)*

22 13 29 33-0003	EA	18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	114.06
22 13 29 33-0004	EA	18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	146.81
22 13 29 33-0005	EA	24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	329.39
22 13 29 33-0006	EA	24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	461.09
22 13 29 33-0007	EA	30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	592.78
22 13 29 33-0008	EA	36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	689.14

22 13 29 33-0009 Fiberglass Basin *(22 13 29 33-0001)*

22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	200.74
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	389.62
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	686.14
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	916.72
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	1,053.99
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	1,113.35
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	1,304.42
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	1,513.14

22 14 Facility Storm Drainage *(22 10)*

22 14 13 Facility Storm Drainage Piping *(22 14)*

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains *(22 14)*

22 14 26 13 Roof Drains *(22 14 26)*

22 14 26 13-0001 Cast Iron Roof Drains *(22 14 26 13)*

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome *(22 14 26 13-0001)*

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	700.43	149.28
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	775.06	179.10
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	849.69	223.88
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,134.28	268.65
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,171.59	298.47
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,372.78	313.43
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,826.08	324.62
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint *(22 14 26 13-0001)*

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	1,076.06	149.28
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	1,176.93	179.10
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0013	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	1,302.66	223.88
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0014	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	1,793.02	268.65
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0015	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	1,925.62	298.47
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0016 Cast Iron Roof Drains With Flat Bronze Promenade Top *(22 14 26 13-0001)*

22 14 26 13-0017	EA	14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	1,446.28	149.28
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0018	EA	14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	1,520.91	179.10
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0019	EA	14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	1,595.54	223.88
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0020	EA	14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	1,869.08	268.65
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0021	EA	14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	1,906.39	298.47
		For Galvanized Iron Parts, Add	*480.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0022 Cast Iron Scupper Drain With L-Shaped Bronze Grate *(22 14 26 13-0001)*

22 14 26 13-0023	EA	Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	923.26	59.73
		For Galvanized Iron Parts, Add	*128.00*	
		For Vandal Proof Grate, Add	*33.00*	
22 14 26 13-0024	EA	Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	953.11	74.60
		For Galvanized Iron Parts, Add	*128.00*	
		For Vandal Proof Grate, Add	*33.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0025	EA	Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	966.68	81.40
		For Galvanized Iron Parts, Add	*128.00*	
		For Vandal Proof Grate, Add	*33.00*	
22 14 26 13-0026	EA	Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	1,358.03	107.91
		For Galvanized Iron Parts, Add	*258.00*	
		For Vandal Proof Grate, Add	*33.00*	
22 14 26 13-0027	EA	Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate	1,405.64	131.73
		For Galvanized Iron Parts, Add	*258.00*	
		For Vandal Proof Grate, Add	*33.00*	

22 14 26 13-0028 Cast Iron Roof Drain With Flat Cast Iron Grate *(22 14 26 13-0001)*

22 14 26 13-0029	EA	9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top	763.96	149.28
		For Galvanized Cast Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0030	EA	9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top	838.59	179.10
		For Galvanized Cast Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0031	EA	9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top	913.22	223.88
		For Galvanized Cast Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*93.60*	

22 14 26 13-0032 Cast Iron Roof Drains With Large Cast Iron Dome *(22 14 26 13-0001)*

22 14 26 13-0033	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	819.21	149.28
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0034	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	893.84	179.10
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0035	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	968.47	223.88
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0036	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	1,253.06	268.65
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0037	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	1,290.37	298.47
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0038	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	1,491.56	313.43
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0039	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	1,944.87	324.62
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0040 Aluminum Roof Drains *(22 14 26 13)*

22 14 26 13-0041 Aluminum Dome Roof Drains *(22 14 26 13-0040)*

22 14 26 13-0042	EA	15" Diameter Roof Drain With 2" Outlet, Aluminum Dome	839.93	149.28
		For Galvanized Cast Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0043	EA	15" Diameter Roof Drain With 3" Outlet, Aluminum Dome	914.56	179.10
		For Galvanized Cast Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0044	EA	15" Diameter Roof Drain With 4" Outlet, Aluminum Dome	989.19	223.88
		For Galvanized Cast Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0045	EA	15" Diameter Roof Drain With 6" Outlet, Aluminum Dome	1,311.09	298.21
		For Galvanized Cast Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0046	EA	15" Diameter Roof Drain With 8" Outlet, Aluminum Dome	1,512.46	313.43
		For Galvanized Cast Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0047	EA	15" Diameter Roof Drain With 10" Outlet, Aluminum Dome	1,965.58	324.62
		For Galvanized Cast Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0048		Retrofit Roof Drains *(22 14 26 13)*		
22 14 26 13-0049		Copolymer Retrofit Roof Drains With Copolymer Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0050	EA	Copolymer Retrofit 3" Roof Drains, With Copolymer Dome	595.75	179.10
22 14 26 13-0051	EA	Copolymer Retrofit 4" Roof Drains, With Copolymer Dome	678.95	223.88
22 14 26 13-0052	EA	Copolymer Retrofit 5" Roof Drains, With Copolymer Dome	825.14	268.65
22 14 26 13-0053	EA	Copolymer Retrofit 6" Roof Drains, With Copolymer Dome	896.70	298.21
22 14 26 13-0054		Copolymer Retrofit Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0055	EA	Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	672.82	179.10
22 14 26 13-0056	EA	Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	752.58	223.88
22 14 26 13-0057	EA	Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	903.91	268.65
22 14 26 13-0058	EA	Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	951.50	298.21
22 14 26 13-0059		Aluminum Retrofit Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0060	EA	Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	599.18	179.10
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0061	EA	Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	682.37	223.88
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0062	EA	Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	828.56	268.65
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0063	EA	Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	872.72	298.21
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0064		Bronze Downspout Nozzles *(22 14 26 13)*		
22 14 26 13-0065	EA	2" Outlet, Bronze Roof Drain Downspout Nozzle	346.61	89.55
22 14 26 13-0066	EA	3" Outlet, Bronze Roof Drain Downspout Nozzle	346.61	89.55
22 14 26 13-0067	EA	4" Outlet, Bronze Roof Drain Downspout Nozzle	346.61	89.55
22 14 26 13-0068	EA	5" Outlet, Bronze Roof Drain Downspout Nozzle	525.48	111.94
22 14 26 13-0069	EA	6" Outlet, Bronze Roof Drain Downspout Nozzle	525.48	111.94
22 14 26 13-0070	EA	8" Outlet, Bronze Roof Drain Downspout Nozzle	665.89	111.94
22 14 26 16		**Facility Area Drains** *(22 14 26)*		
22 14 26 16-0001		Area Drain *(22 14 26 16)*		
22 14 26 16-0002	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,294.96	107.82
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0003	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,318.21	119.46
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0004	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,342.67	131.73
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0005	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,368.15	144.44
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0006	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,412.78	107.82
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0007	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,436.03	119.46
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0008	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,460.49	131.73
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0009	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,485.97	144.44
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0010	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,142.39	107.82
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0011	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,165.64	119.46
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0012	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,190.10	131.73
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0013	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,215.58	144.44
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*152.25*	
22 14 26 16-0014	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,626.57	107.82
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0015	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,649.82	119.46
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0016	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,674.28	131.73
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0017	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,699.76	144.44
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0018	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,259.75	107.82
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0019	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,283.00	119.46
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0020	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,307.46	131.73
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0021	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,332.94	144.44
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0022	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,385.98	107.82
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0023	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,409.23	119.46
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0024	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,433.69	131.73
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0025	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	4,459.17	144.44
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*258.50*	
22 14 26 16-0026	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,023.53	107.82
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0027	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,046.78	119.46
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0028	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,071.24	131.73
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0029	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	620.58	107.82
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0030	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	643.83	119.46
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0031	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	668.29	131.73
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0032	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	964.85	107.82
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0033	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	988.10	119.46
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0034	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,012.56	131.73
		For Vandal Proof Grate, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*87.50*	
22 14 26 16-0035	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,083.25	107.82
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0036	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,106.50	119.46
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0037	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,130.96	131.73
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0038	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,005.47	107.82
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0039	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,028.72	119.46
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0040	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,053.18	131.73
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0041	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,895.47	107.82
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0042	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,918.72	119.46
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0043	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,943.18	131.73
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	

22 14 26 19 Facility Trench Drains *(22 14 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0001		Trench Drain *(22 14 26 19)*		
		Note: Each section is 39.4" in length.		
22 14 26 19-0002	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	804.10	107.82
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0003	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	827.35	119.46
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0004	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	851.81	131.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0005	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	500.21	107.82
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0006	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	523.46	119.46
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0007	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	547.92	131.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0008	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	762.69	107.82
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0009	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	785.94	119.46
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0010	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	810.40	131.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0011	EA	6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	695.81	53.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0012	EA	6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	391.92	53.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0013	EA	6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	654.40	53.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0014	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,258.94	107.82
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0015	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,282.19	119.46
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0016	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,306.65	131.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0017	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	882.91	107.82
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0018	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	906.16	119.46
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0019	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	930.62	131.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0020	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,207.51	107.82
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0021	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,230.76	119.46
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0022	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,255.22	131.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0023	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,058.57	107.82
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0024	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,081.82	119.46
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0025	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,106.28	131.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0026	EA	12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,150.64	53.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0027	EA	12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	774.61	53.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0028	EA	12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,099.21	53.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0029	EA	12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	950.27	53.73
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	

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	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 14 29 Sump Pumps *(22 14)*

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps *(22 14 29)*

22 14 29 13-0001 Vertical Mounted Sump Pumps *(22 14 29 13)*

Note: Mounted on steel support plate and supplied with cast iron strainer, 1750 RPM drip-proof motor, 5' column sections.

22 14 29 13-0002	EA	1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head	3,218.31	259.81
		For Explosion Proof Motor, Add	*230.60*	
22 14 29 13-0003	EA	1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head	3,451.58	314.47
		For Explosion Proof Motor, Add	*256.36*	
22 14 29 13-0004	EA	2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head	3,961.82	373.60
		For Explosion Proof Motor, Add	*331.18*	
22 14 29 13-0005	EA	3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head	4,301.21	459.61
		For Explosion Proof Motor, Add	*375.34*	
22 14 29 13-0006	EA	5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head	4,559.68	498.13
		For Explosion Proof Motor, Add	*548.29*	
22 14 29 13-0007	EA	10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head	5,415.86	597.57
		For Explosion Proof Motor, Add	*621.89*	
22 14 29 13-0008	EA	15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head	6,192.50	605.09
		For Explosion Proof Motor, Add	*1,019.30*	
22 14 29 13-0009	EA	20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head	7,565.51	740.55
		For Explosion Proof Motor, Add	*1,352.94*	
22 14 29 13-0010	EA	30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head	8,251.84	863.67
		For Explosion Proof Motor, Add	*1,754.04*	
22 14 29 13-0011	EA	50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head	10,920.69	1,036.77
		For Explosion Proof Motor, Add	*2,285.16*	
22 14 29 13-0012	EA	60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head	14,759.81	1,151.56
		For Explosion Proof Motor, Add	*3,622.15*	

22 14 29 13-0013 Extra Column Assemblies *(22 14 29 13)*

22 14 29 13-0014	EA	1-1/2" Diameter x 5' Long Extra Column Assembly	464.61	
22 14 29 13-0015	EA	2" Diameter x 5' Long Extra Column Assembly	508.40	
22 14 29 13-0016	EA	2-1/2" Diameter x 5' Long Extra Column Assembly	544.22	
22 14 29 13-0017	EA	3" Diameter x 5' Long Extra Column Assembly	667.95	
22 14 29 13-0018	EA	4" Diameter x 5' Long Extra Column Assembly	746.59	
22 14 29 13-0019	EA	5" Diameter x 5' Long Extra Column Assembly	743.67	
22 14 29 13-0020	EA	6" Diameter x 5' Long Extra Column Assembly	853.39	
22 14 29 13-0021	EA	8" Diameter x 5' Long Extra Column Assembly	933.80	

22 14 29 13-0022 Float Switch *(22 14 29 13)*

22 14 29 13-0023	EA	For Float Switch Copper Coated Float, General Purpose	555.96	28.21
22 14 29 13-0024	EA	For Float Switch Copper Coated Float, Weathertight	581.21	28.21
22 14 29 13-0025	EA	For Float Switch Copper Coated Float, Explosion Proof	592.86	28.21

22 14 29 13-0026 Support Plate *(22 14 29 13)*

22 14 29 13-0027	EA	24" Steel Support Plate, Round Or Square	510.84	35.82
22 14 29 13-0028	EA	30" Steel Support Plate, Round Or Square	565.69	40.30
22 14 29 13-0029	EA	36" Steel Support Plate, Round Or Square	783.91	53.73
22 14 29 13-0030	EA	40" Steel Support Plate, Round Or Square	1,130.26	62.69
22 14 29 13-0031	EA	42" Steel Support Plate, Round Or Square	1,210.54	64.92
22 14 29 13-0032	EA	48" Steel Support Plate, Round Or Square	1,293.37	67.17
22 14 29 13-0033	EA	54" Steel Support Plate, Round Or Square	1,645.31	80.60
22 14 29 13-0034	EA	60" Steel Support Plate, Round Or Square	2,219.16	89.55
22 14 29 13-0035	EA	72" Steel Support Plate, Round Or Square	2,959.93	111.94
22 14 29 13-0036	EA	84" Steel Support Plate, Round Or Square	3,567.93	123.13

22 14 29 16 Submersible Sump Pumps *(22 14 29)*

Note: Includes 25' of cord with pumps unless otherwise noted.

22 14 29 16-0001 Submersible Sump Pump With Vortex Impeller *(22 14 29 16)*

22 14 29 16-0002 Submersible Sump Pump With Cast Iron Vortex Impeller *(22 14 29 16-0001)*

22 14 29 16-0003	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	310.77	58.38
22 14 29 16-0004	EA	1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	341.04	58.38
22 14 29 16-0005	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	483.71	61.78
22 14 29 16-0006	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	519.05	61.78

22 14 29 16-0007 Submersible Sump Pump With Bronze Vortex Impeller *(22 14 29 16-0001)*

22 14 29 16-0008	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	749.67	61.78
22 14 29 16-0009	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	810.62	61.78
22 14 29 16-0010	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	853.95	68.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0011	EA	1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	917.04	68.10
22 14 29 16-0012	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	962.43	77.83
22 14 29 16-0013	EA	1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,025.52	77.83
22 14 29 16-0014	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,043.13	92.43
22 14 29 16-0015	EA	2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,095.13	92.43

22 14 29 16-0016 Submersible Sump Pump With Semi-Open Impeller *(22 14 29 16)*

22 14 29 16-0017	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	732.84	58.38
22 14 29 16-0018	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	834.92	61.78
22 14 29 16-0019	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	990.30	65.19
22 14 29 16-0020	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	1,046.21	68.10
22 14 29 16-0021	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	1,193.51	77.83
22 14 29 16-0022	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller	1,390.51	92.43

22 14 29 19 Sump-Pump Basins and Pits *(22 14 29)*

See CSI section 22 13 29 33-0000 for basins and pits.

22 15 General Service Compressed-Air Systems *(22 10)*

22 15 13 General Service Compressed-Air Piping *(22 15)*

22 15 13 00-0001 Quick Disconnect, Air-Service *(22 15 13)*

22 15 13 00-0002 Combination Steel And Brass *(22 15 13 00-0001)*

22 15 13 00-0003	EA	1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	44.49	13.62
22 15 13 00-0004	EA	3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	49.33	16.54

22 15 13 00-0005 Refrigerated Air Dryers With Ambient Air Filters *(22 15 13)*

22 15 13 00-0006	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	544.43	75.85
22 15 13 00-0007	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	615.92	77.95
22 15 13 00-0008	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	777.15	80.06
22 15 13 00-0009	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	901.22	84.27
22 15 13 00-0010	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,003.01	94.81
22 15 13 00-0011	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,114.36	107.87
22 15 13 00-0012	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,573.15	136.95
22 15 13 00-0013	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,771.82	160.12
22 15 13 00-0014	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,925.00	171.08
22 15 13 00-0015	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,093.66	189.62
22 15 13 00-0016	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,356.82	210.69
22 15 13 00-0017	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,622.25	231.76
22 15 13 00-0018	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,765.06	257.04
22 15 13 00-0019	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,214.78	273.89
22 15 13 00-0020	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,855.20	284.43
22 15 13 00-0021	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,537.12	294.97
22 15 13 00-0022	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,033.48	305.50
22 15 13 00-0023	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,474.62	316.03
22 15 13 00-0024	EA	400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	6,112.54	337.10
22 15 13 00-0025	EA	500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	7,154.01	421.37
22 15 13 00-0026	EA	600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	9,036.98	505.65
22 15 13 00-0027	EA	800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,078.44	589.92
22 15 13 00-0028	EA	1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	11,850.33	674.21

22 15 13 00-0029 Oil And Water Separator For Air Compressor *(22 15 13)*

22 15 13 00-0030	EA	0-60 SCFM Oil/Water Separator	492.79	31.15
22 15 13 00-0031	EA	85 SCFM Oil/Water Separator	658.68	36.50
22 15 13 00-0032	EA	190 SCFM Oil/Water Separator	769.38	41.37
22 15 13 00-0033	EA	245 SCFM Oil/Water Separator	964.63	48.66
22 15 13 00-0034	EA	320 SCFM Oil/Water Separator	1,146.79	58.40
22 15 13 00-0035	EA	700 SCFM Oil/Water Separator	2,313.40	121.66

22 15 13 00-0036 Heavy Duty Industrial Pressure Regulator *(22 15 13)*

22 15 13 00-0037	EA	3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	92.08	25.28
22 15 13 00-0038	EA	1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	128.01	33.71
22 15 13 00-0039	EA	3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	213.08	42.14
22 15 13 00-0040	EA	1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	270.93	63.21
22 15 13 00-0041	EA	1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	373.38	73.74
22 15 13 00-0042	EA	1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	394.45	84.27

22 15 13 00-0043 Combination Air System; Filter Regulator Lubricator *(22 15 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0044	EA	3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	342.43	75.85
22 15 13 00-0045	EA	1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter	426.66	101.13
22 15 13 00-0046		**Heatless Desiccant Air Dryers** *(22 15 13)*		
22 15 13 00-0047	EA	5 SCFM Heatless Desiccant Air Dryer	1,882.61	75.85
22 15 13 00-0048	EA	10 SCFM Heatless Desiccant Air Dryer	2,261.08	84.27
22 15 13 00-0049	EA	15 SCFM Heatless Desiccant Air Dryer	2,285.78	92.70
22 15 13 00-0050	EA	20 SCFM Heatless Desiccant Air Dryer	2,610.70	105.34
22 15 13 00-0051	EA	30 SCFM Heatless Desiccant Air Dryer	3,589.65	126.42
22 15 13 00-0052	EA	50 SCFM Heatless Desiccant Air Dryer	3,560.61	168.55
22 15 13 00-0053	EA	85 SCFM Heatless Desiccant Air Dryer	4,776.97	210.69
22 15 13 00-0054	EA	100 SCFM Heatless Desiccant Air Dryer	5,079.82	252.82
22 15 13 00-0055	EA	125 SCFM Heatless Desiccant Air Dryer	5,817.54	294.97
22 15 13 00-0056	EA	175 SCFM Heatless Desiccant Air Dryer	6,679.71	337.10
22 15 13 00-0057	EA	200 SCFM Heatless Desiccant Air Dryer	7,184.17	379.24
22 15 13 00-0058	EA	300 SCFM Heatless Desiccant Air Dryer	8,769.69	421.37
22 15 13 00-0059	EA	400 SCFM Heatless Desiccant Air Dryer	9,755.06	505.65
22 15 13 00-0060	EA	500 SCFM Heatless Desiccant Air Dryer	11,276.74	589.92
22 15 13 00-0061	EA	600 SCFM Heatless Desiccant Air Dryer	13,009.36	674.21
22 15 13 00-0062		**Air Cooled Aftercoolers** *(22 15 13)*		
22 15 13 00-0063	EA	20 SCFM Air-Cooled Aftercooler	486.84	52.67
22 15 13 00-0064	EA	35 SCFM Air-Cooled Aftercooler	654.88	63.21
22 15 13 00-0065	EA	43 SCFM Air-Cooled Aftercooler	720.82	73.74
22 15 13 00-0066	EA	70 SCFM Air-Cooled Aftercooler	878.78	84.27
22 15 13 00-0067	EA	125 SCFM Air-Cooled Aftercooler	1,216.24	94.81
22 15 13 00-0068	EA	185 SCFM Air-Cooled Aftercooler	1,365.23	105.34
22 15 13 00-0069	EA	260 SCFM Air-Cooled Aftercooler	2,616.20	126.42
22 15 13 00-0070	EA	365 SCFM Air-Cooled Aftercooler	2,740.48	147.48
22 15 13 00-0071	EA	560 SCFM Air-Cooled Aftercooler	2,863.84	168.55
22 15 13 00-0072	EA	650 SCFM Air-Cooled Aftercooler	3,355.68	189.62
22 15 13 00-0073	EA	750 SCFM Air-Cooled Aftercooler	3,669.78	210.69
22 15 13 00-0074	EA	900 SCFM Air-Cooled Aftercooler	4,204.72	231.76
22 15 13 00-0075	EA	1,100 SCFM Air-Cooled Aftercooler	5,382.31	252.82
22 15 13 00-0076	EA	1,460 SCFM Air-Cooled Aftercooler	6,151.06	273.89
22 15 13 00-0077	EA	1,800 SCFM Air-Cooled Aftercooler	6,355.88	294.97
22 15 13 00-0078	EA	2,500 SCFM Air-Cooled Aftercooler	6,815.41	316.03
22 15 13 00-0079		**Compressed Air Coalescing Filters** *(22 15 13)*		
22 15 13 00-0080		**1.0 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0079)*		
22 15 13 00-0081	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	175.46	31.63
22 15 13 00-0082	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	206.88	31.63
22 15 13 00-0083	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating	226.71	36.50
22 15 13 00-0084	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	260.98	41.85
22 15 13 00-0085	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	303.39	46.23
22 15 13 00-0086	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating	345.30	55.96
22 15 13 00-0087	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating	422.65	60.82
22 15 13 00-0088	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating	451.16	73.00
22 15 13 00-0089	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	580.61	97.32
22 15 13 00-0090	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	663.29	109.49
22 15 13 00-0091		**0.01 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0079)*		
22 15 13 00-0092	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating	211.37	31.63
22 15 13 00-0093	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating	230.06	36.50
22 15 13 00-0094	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating	264.12	41.85
22 15 13 00-0095	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating	309.68	41.37
22 15 13 00-0096	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	352.48	55.96
22 15 13 00-0097	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	398.79	60.82
22 15 13 00-0098	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating	459.24	73.00
22 15 13 00-0099	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	594.07	97.32
22 15 13 00-0100	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	681.24	109.49
22 15 13 00-0101		**Compressed Air Storage Tanks** *(22 15 13)*		
22 15 13 00-0102		**Horizontal Compressed Air Storage Tanks** *(22 15 13 00-0101)*		
22 15 13 00-0103	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	291.92	67.42
22 15 13 00-0104	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	566.81	73.74
22 15 13 00-0105	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	600.60	77.53
22 15 13 00-0106	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	685.11	84.27
22 15 13 00-0107	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	894.01	113.77
22 15 13 00-0108	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	1,080.21	126.42
22 15 13 00-0109	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	1,623.98	147.48
22 15 13 00-0110	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	2,426.14	168.55
22 15 13 00-0111	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	2,705.64	179.09
22 15 13 00-0112	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	3,917.31	189.62
22 15 13 00-0113	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	5,163.54	221.22
22 15 13 00-0114	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	7,432.54	263.36

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0115		Vertical Compressed Air Storage Tanks *(22 15 13 00-0101)*		
22 15 13 00-0116	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	527.96	67.42
22 15 13 00-0117	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	553.70	73.74
22 15 13 00-0118	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	600.60	77.53
22 15 13 00-0119	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	711.06	84.27
22 15 13 00-0120	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	971.86	113.77
22 15 13 00-0121	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	1,117.68	126.42
22 15 13 00-0122	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	1,542.47	147.48
22 15 13 00-0123	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	2,258.15	168.55
22 15 13 00-0124	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	2,491.51	179.09
22 15 13 00-0125	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	3,393.16	189.62
22 15 13 00-0126	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	4,350.06	221.22
22 15 13 00-0127	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	5,676.38	242.30
22 15 13 00-0128	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	9,445.41	273.89

22 15 19 General Service Packaged Air Compressors And Receivers *(22 15)*

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 13 General Service Packaged Reciprocating Air Compressors *(22 15 19)*

22 15 19 13-0001		Single Stage Compressor *(22 15 19 13)* Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.		
22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	1,473.85	299.01
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	1,563.18	345.11
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	1,793.54	407.55
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,032.95	449.70
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	2,433.28	474.98
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	2,588.71	491.83
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	2,913.97	562.11
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	3,120.46	595.83
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	3,715.21	674.54
22 15 19 13-0011		Two Stage Compressor *(22 15 19 13)* Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.		
22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure	2,785.20	525.54
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure	3,028.49	618.33
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure	3,185.63	674.54
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure	3,729.59	899.39
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure	3,970.82	899.39
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure	4,376.07	1,124.24
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure	4,594.86	1,124.24
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure	5,865.59	1,390.55
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure	6,332.68	1,432.68
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure	6,831.16	1,674.38
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure	9,850.79	1,895.35
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	10,657.31	2,141.70
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	11,863.21	2,367.05
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	12,919.35	2,594.17

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors *(22 15 19)*

22 15 19 19-0001		Rotary Screw Air Compressor, Base Mounted Without Receiver *(22 15 19 19)* Note: Oil flooded.		
22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	4,688.72	776.63
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	5,352.90	1,035.52
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	6,839.50	1,298.29
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	8,043.91	1,654.49
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	9,215.21	1,946.46
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	11,070.96	2,189.77
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	12,167.11	2,433.08
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	14,462.69	2,725.05
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	15,844.10	2,919.69
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	17,692.77	3,146.45
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	22,495.66	3,406.31
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	24,836.37	3,600.96
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	38,565.98	3,892.93
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	47,662.65	4,209.23
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	55,113.65	4,530.39
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	70,973.03	4,866.16
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	80,397.20	5,177.59
22 15 19 19-0019		Rotary Screw Air Compressor, Base Mounted With Receiver *(22 15 19 19)* Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.		
22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	5,899.31	1,035.52

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	6,222.45	1,035.52
	22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	7,096.44	1,298.29
	22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	7,449.87	1,298.29
	22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	8,185.28	1,654.49
	22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	8,558.91	1,654.49
	22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	9,331.90	1,946.46
	22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	9,735.82	1,946.46
	22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	15,325.58	2,189.77
	22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	16,573.20	2,433.08
	22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	17,719.86	2,725.05

22 30 Plumbing Equipment *(22)*

22 31 Domestic Water Softeners *(22 30)*

22 31 16 Commercial Domestic Water Softeners *(22 31)*

22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water) *(22 31 16)*

22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*

22 31 16 00-0003 1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

	22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11)	3,075.73	246.27
	22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11)	3,214.97	257.46
	22 31 16 00-0006	EA	60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	3,467.28	268.65
	22 31 16 00-0007	EA	90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	3,982.19	279.85
	22 31 16 00-0008	EA	120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	4,242.03	291.05

22 31 16 00-0009 1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

	22 31 16 00-0010	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	4,576.70	268.65
	22 31 16 00-0011	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	4,812.68	279.85
	22 31 16 00-0012	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	5,073.78	291.05
	22 31 16 00-0013	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	6,015.88	302.23
	22 31 16 00-0014	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	6,680.29	313.43
	22 31 16 00-0015	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	8,116.15	324.62

22 31 16 00-0016 2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

	22 31 16 00-0017	EA	90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	6,910.90	279.85
	22 31 16 00-0018	EA	120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	7,163.21	291.05
	22 31 16 00-0019	EA	150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	8,107.82	302.23
	22 31 16 00-0020	EA	210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	8,772.23	313.43
	22 31 16 00-0021	EA	300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	10,285.99	324.62
	22 31 16 00-0022	EA	450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	13,538.63	335.82
	22 31 16 00-0023	EA	600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	15,823.84	347.01

22 31 16 00-0024 3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0025	EA	300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	16,598.25	324.62
22 31 16 00-0026	EA	450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	19,163.62	335.82
22 31 16 00-0027	EA	600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	21,418.68	347.01
22 31 16 00-0028	EA	900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	26,942.92	358.20
22 31 16 00-0029	EA	1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	29,824.92	369.40
22 31 16 00-0030		Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0031		2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032	EA	90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	11,330.66	419.77
22 31 16 00-0033	EA	120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	11,832.88	436.56
22 31 16 00-0034	EA	150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	13,460.86	453.36
22 31 16 00-0035	EA	210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	14,709.40	470.15
22 31 16 00-0036	EA	300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	17,929.26	486.94
22 31 16 00-0037	EA	450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	23,709.71	503.73
22 31 16 00-0038	EA	600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	27,884.44	520.52
22 31 16 00-0039		3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0040	EA	300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21)	30,448.23	486.94
22 31 16 00-0041	EA	450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21)	34,962.21	503.73
22 31 16 00-0042	EA	600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21)	39,276.40	520.52
22 31 16 00-0043	EA	900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21)	49,938.04	537.31
22 31 16 00-0044	EA	1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21)	55,742.37	554.10
22 31 16 00-0045		Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0046		1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0047	EA	30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	4,058.26	369.40
22 31 16 00-0048	EA	45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	4,325.54	386.19
22 31 16 00-0049	EA	60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	4,712.17	402.98
22 31 16 00-0050	EA	90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	5,635.31	419.77
22 31 16 00-0051	EA	120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	6,224.22	436.56
22 31 16 00-0052		1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	7,844.42	402.98
22 31 16 00-0054	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	8,270.02	419.77
22 31 16 00-0055	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	8,896.63	436.56
22 31 16 00-0056	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	10,169.04	453.36
22 31 16 00-0057	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	11,460.29	470.15
22 31 16 00-0058	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	14,317.05	486.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 32 Domestic Water Filtration Equipment *(22 30)*

22 32 16 Domestic-Water Freestanding Cartridge Filters *(22 32)*

22 32 16 00-0001 Commercial Water Filters Housings *(22 32 16)*

22 32 16 00-0002 Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0001)*

22 32 16 00-0003 Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0002)*

22 32 16 00-0004	EA	25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1)	1,604.13	158.15
22 32 16 00-0005	EA	30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1)	1,639.77	170.32
22 32 16 00-0006	EA	60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2)	1,745.77	182.48
22 32 16 00-0007	EA	90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3)	1,929.66	194.64
22 32 16 00-0008	EA	120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4)	1,990.44	206.81
22 32 16 00-0009	EA	150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4)	2,399.22	218.98
22 32 16 00-0010	EA	250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3)	6,577.29	231.14
22 32 16 00-0011	EA	300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4)	7,640.67	243.31
22 32 16 00-0012	EA	500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3)	9,677.79	255.47
22 32 16 00-0013	EA	600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4)	10,728.61	267.64

22 32 16 00-0014 Commercial Water Filter Cartridges *(22 32 16 00-0002)*

22 32 16 00-0015 (Depth) Water Filter Cartridges *(22 32 16 00-0014)*

22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50)	8.60	1.94
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20)	8.60	1.94
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10)	8.60	1.94
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5)	7.35	1.94
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1)	8.92	1.94
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50)	8.92	1.94
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	9.54	1.94
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5)	11.74	1.94
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	9.54	1.94
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	11.11	1.94
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	11.11	1.94
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	11.11	1.94
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	12.06	1.94
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	15.51	1.94
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	14.26	1.94
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	14.26	1.94
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	15.51	1.94

22 32 16 00-0033 Pleated Water Filter Cartridges *(22 32 16 00-0014)*

22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	14.57	1.94
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	14.57	1.94
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	14.88	1.94
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	15.83	1.94
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	23.36	1.94
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	22.42	1.94
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	22.42	1.94
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	22.42	1.94
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	29.33	1.94
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	41.27	1.94
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	34.67	1.94
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	47.86	1.94
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	49.75	1.94
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	56.03	1.94

22 32 16 00-0048 Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0001)*

22 32 16 00-0049 Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0048)*

22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	1,272.61	145.98

22 32 16 00-0051 Commercial Water Filter Cartridges *(22 32 16 00-0048)*

22 32 16 00-0052 Carbon Water Filter Cartridges *(22 32 16 00-0051)*

22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	395.26	1.94

22 32 16 00-0054 (Depth) Water Filter Cartridges *(22 32 16 00-0051)*

22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	82.73	1.94
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	82.10	1.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	82.10	1.94
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	94.04	1.94

22 32 16 00-0059 Pleated Water Filter Cartridges *(22 32 16 00-0051)*

22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	217.48	1.94
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	204.29	1.94
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	222.51	1.94
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	233.19	1.94
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	248.26	1.94
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	268.99	1.94

22 33 Electric Domestic Water Heaters *(22 30)*

22 33 13 Instantaneous Electric Domestic Water Heaters *(22 33)*

22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 13-0001 Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 13)*

22 33 13 13-0002	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	339.58	48.64
22 33 13 13-0003	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	379.41	48.64

22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 16-0001 Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 16)*

Note: Temperature rise decreases with increased flow rate.

22 33 13 16-0002	EA	3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	455.38	72.97
22 33 13 16-0003	EA	12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	500.43	97.29
22 33 13 16-0004	EA	17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	850.56	170.26
22 33 13 16-0005	EA	26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	1,255.96	194.58
22 33 13 16-0006	EA	12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus)	895.90	97.29
22 33 13 16-0007	EA	14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus)	1,231.03	145.93
22 33 13 16-0008	EA	19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus)	1,374.26	194.58
22 33 13 16-0009	EA	24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus)	1,422.90	194.58
22 33 13 16-0010	EA	28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus)	1,468.85	194.58
22 33 13 16-0011	EA	36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus)	1,536.41	194.58

22 33 30 Residential, Electric Domestic Water Heaters *(22 33)*

22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters *(22 33 30)*

22 33 30 13-0001 Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 13)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 13-0002	EA	2 Gallon, Small-Capacity, Electric Domestic Water Heater	663.14	153.23
22 33 30 13-0003	EA	10 Gallon, Small-Capacity, Electric Domestic Water Heater	801.51	162.96
22 33 30 13-0004	EA	20 Gallon, Small-Capacity, Electric Domestic Water Heater	935.02	170.26

22 33 30 16 Residential, Storage Electric Domestic Water Heaters *(22 33 30)*

22 33 30 16-0001 Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0002	EA	30 Gallon, Electric Domestic Water Heater	993.14	170.26
22 33 30 16-0003	EA	40 Gallon, Electric Domestic Water Heater	941.76	175.13
22 33 30 16-0004	EA	50 Gallon, Electric Domestic Water Heater	930.69	179.98
22 33 30 16-0005	EA	55 Gallon, Electric Domestic Water Heater	1,029.57	182.42
22 33 30 16-0006	EA	66 Gallon, Electric Domestic Water Heater	1,456.62	187.29
22 33 30 16-0007	EA	80 Gallon, Electric Domestic Water Heater	1,486.07	194.58
22 33 30 16-0008	EA	120 Gallon, Electric Domestic Water Heater	1,950.61	206.75

22 33 30 16-0009 Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0010	EA	30 Gallon, Low-Boy, Electric Domestic Water Heater	1,059.88	170.26
22 33 30 16-0011	EA	40 Gallon, Low-Boy, Electric Domestic Water Heater	1,016.09	175.13
22 33 30 16-0012	EA	50 Gallon, Low-Boy, Electric Domestic Water Heater	1,073.39	179.98

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 30 16-0013			High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) *(22 33 30 16)*		
			Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
	22 33 30 16-0014	EA	40 Gallon, High Efficiency, Electric Domestic Water Heater	1,094.05	175.13
	22 33 30 16-0015	EA	50 Gallon, High Efficiency, Electric Domestic Water Heater	1,189.33	179.98
	22 33 30 16-0016	EA	66 Gallon, High Efficiency, Electric Domestic Water Heater	1,446.14	187.29
	22 33 30 16-0017	EA	80 Gallon, High Efficiency, Electric Domestic Water Heater	1,567.75	194.58
22 33 30 16-0018			Water Heater Accessories *(22 33 30 16)*		
	22 33 30 16-0019	EA	2 Gallon, Expansion Pressure Tank For Water Heaters	81.96	9.72
	22 33 30 16-0020	EA	4.4 Gallon, Expansion Pressure Tank For Water Heaters	95.91	9.72
	22 33 30 16-0021	EA	7.6 Gallon, Expansion Pressure Tank For Water Heaters	182.06	9.72
	22 33 30 16-0022	EA	14 Gallon, Expansion Pressure Tank For Water Heaters	242.69	9.72
	22 33 30 16-0023	EA	20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	47.49	7.30
	22 33 30 16-0024	EA	22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	51.46	7.30
	22 33 30 16-0025	EA	24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	54.10	7.30
	22 33 30 16-0026	EA	26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	63.35	7.30
	22 33 30 16-0027	EA	22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	27.61	7.30
	22 33 30 16-0028	EA	24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	29.72	7.30
	22 33 30 16-0029	EA	26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	32.69	7.30
	22 33 30 16-0030	EA	28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	36.52	7.30
22 33 33			**Light-Commercial Electric Domestic Water Heaters** *(22 33)*		
22 33 33 00-0001			Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE) *(22 33 33)*		
			Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.		
	22 33 33 00-0002	EA	3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3)	4,667.00	170.26
	22 33 33 00-0003	EA	3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3)	4,849.17	170.26
	22 33 33 00-0004	EA	6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6)	5,046.52	170.26
	22 33 33 00-0005	EA	3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3)	5,095.16	194.58
	22 33 33 00-0006	EA	6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6)	5,322.88	194.58
	22 33 33 00-0007	EA	9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9)	5,687.22	194.58
	22 33 33 00-0008	EA	12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12)	5,930.11	194.58
	22 33 33 00-0009	EA	15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15)	6,127.46	194.58
	22 33 33 00-0010	EA	18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18)	6,340.00	194.58
	22 33 33 00-0011	EA	6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6)	5,550.59	194.58
	22 33 33 00-0012	EA	9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9)	5,763.12	194.58
	22 33 33 00-0013	EA	12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12)	6,006.02	194.58
	22 33 33 00-0014	EA	15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15)	6,203.37	194.58
	22 33 33 00-0015	EA	18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18)	6,415.90	194.58
	22 33 33 00-0016	EA	24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24)	7,979.53	194.58
	22 33 33 00-0017	EA	9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9)	6,057.76	243.23
	22 33 33 00-0018	EA	12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12)	6,255.12	243.23
	22 33 33 00-0019	EA	15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15)	6,498.01	243.23
	22 33 33 00-0020	EA	18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18)	6,710.54	243.23
	22 33 33 00-0021	EA	24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24)	8,289.36	243.23
	22 33 33 00-0022	EA	30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30)	9,018.04	243.23
	22 33 33 00-0023	EA	36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36)	9,731.54	243.23
	22 33 33 00-0024	EA	9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9)	7,005.18	291.88
	22 33 33 00-0025	EA	12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12)	7,202.54	291.88
	22 33 33 00-0026	EA	15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15)	7,399.89	291.88
	22 33 33 00-0027	EA	18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18)	7,612.42	291.88
	22 33 33 00-0028	EA	24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24)	9,236.78	291.88
	22 33 33 00-0029	EA	30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30)	9,965.46	291.88
	22 33 33 00-0030	EA	36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36)	10,678.96	291.88
	22 33 33 00-0031	EA	45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45)	11,969.34	291.88
	22 33 33 00-0032	EA	54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54)	12,546.21	291.88
	22 33 33 00-0033	EA	60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60)	14,550.09	291.88
	22 33 33 00-0034	EA	75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75)	17,130.85	291.88
	22 33 33 00-0035	EA	90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90)	21,472.58	291.88
	22 33 33 00-0036	EA	9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9)	7,898.10	389.16
	22 33 33 00-0037	EA	12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12)	8,125.81	389.16
	22 33 33 00-0038	EA	15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15)	8,338.34	389.16
	22 33 33 00-0039	EA	18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18)	8,520.51	389.16
	22 33 33 00-0040	EA	24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24)	10,129.69	389.16
	22 33 33 00-0041	EA	30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30)	10,858.37	389.16
	22 33 33 00-0042	EA	36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36)	11,556.69	389.16
	22 33 33 00-0043	EA	45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45)	12,877.43	389.16
	22 33 33 00-0044	EA	54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54)	13,439.12	389.16
	22 33 33 00-0045	EA	60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60)	15,458.18	389.16
	22 33 33 00-0046	EA	75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75)	18,054.12	389.16
	22 33 33 00-0047	EA	90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90)	22,380.67	389.16
	22 33 33 00-0048	EA	12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12)	8,830.34	437.81
	22 33 33 00-0049	EA	15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15)	9,042.87	437.81
	22 33 33 00-0050	EA	18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18)	9,225.04	437.81
	22 33 33 00-0051	EA	24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24)	10,849.40	437.81
	22 33 33 00-0052	EA	30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30)	11,502.17	437.81
	22 33 33 00-0053	EA	36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36)	12,261.22	437.81
	22 33 33 00-0054	EA	45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45)	13,581.96	437.81
	22 33 33 00-0055	EA	54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54)	14,158.83	437.81
	22 33 33 00-0056	EA	60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60)	16,056.44	437.81
	22 33 33 00-0057	EA	75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75)	18,758.64	437.81

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 33 00-0058	EA	90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90)	23,085.20	437.81
22 33 33 00-0059	EA	15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15)	9,929.56	486.45
22 33 33 00-0060	EA	18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18)	10,172.45	486.45
22 33 33 00-0061	EA	24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24)	11,751.26	486.45
22 33 33 00-0062	EA	30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30)	12,479.95	486.45
22 33 33 00-0063	EA	36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36)	13,193.45	486.45
22 33 33 00-0064	EA	45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45)	14,483.83	486.45
22 33 33 00-0065	EA	54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54)	15,075.88	486.45
22 33 33 00-0066	EA	60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60)	17,064.58	486.45
22 33 33 00-0067	EA	75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75)	19,645.33	486.45
22 33 33 00-0068	EA	90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90)	24,002.25	486.45
22 33 33 00-0069	EA	15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15)	10,670.66	583.74
22 33 33 00-0070	EA	18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18)	10,883.19	583.74
22 33 33 00-0071	EA	24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24)	12,462.00	583.74
22 33 33 00-0072	EA	30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30)	13,160.33	583.74
22 33 33 00-0073	EA	36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36)	13,904.19	583.74
22 33 33 00-0074	EA	45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45)	15,194.57	583.74
22 33 33 00-0075	EA	54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54)	15,741.08	583.74
22 33 33 00-0076	EA	60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60)	17,790.50	583.74
22 33 33 00-0077	EA	75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75)	20,386.43	583.74
22 33 33 00-0078	EA	90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90)	24,697.81	583.74
22 33 33 00-0079		Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) *(22 33 33)*		
		Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.		
22 33 33 00-0080	EA	Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)	1,281.66	170.26
22 33 33 00-0081	EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	1,377.30	170.26
22 33 33 00-0082	EA	Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)	1,497.29	194.58
22 33 33 00-0083	EA	Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)	2,590.31	194.58
22 33 33 00-0084	EA	Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)	2,991.22	243.23
22 33 33 00-0085	EA	Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)	3,316.23	291.88
22 33 33 00-0086	EA	Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)	3,969.41	437.81
22 33 33 00-0087		Water Heater Accessories *(22 33 33)*		
22 33 33 00-0088	EA	Up To 80 Gallon Water Heater Strap	31.78	
		Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts		
22 33 33 00-0089	EA	>80 To 120 Gallon Water Heater Strap	45.57	
		Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts		
22 33 33 00-0090		Removal And Reinstallation Of Water Heater *(22 33 33)*		
		Note: Includes storage and cleaning.		
22 33 33 00-0091	EA	Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon	324.30	
22 33 33 00-0092	EA	Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon	972.90	
22 34		Fuel-Fired Domestic Water Heaters *(22 30)*		
22 34 13		**Instantaneous, Tankless, Gas Domestic Water Heaters** *(22 34)*		
22 34 13 00-0001		Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13)*		
22 34 13 00-0002		Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*		
		Note: Includes vent connection. Excludes vent.		
22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	1,372.43	194.58
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	1,480.31	197.01
22 34 13 00-0005	EA	5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	1,621.15	201.88
22 34 13 00-0006	EA	6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	1,883.57	206.75
22 34 13 00-0007	EA	7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	2,275.13	218.90
22 34 13 00-0008	EA	7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	2,321.95	218.90
22 34 13 00-0009		Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*		
22 34 13 00-0010	EA	5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN)	1,475.44	194.58
22 34 13 00-0011	EA	7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN)	2,275.13	218.90
22 34 30		**Residential Gas Domestic Water Heaters** *(22 34)*		
22 34 30 13		**Residential, Atmospheric, Gas Domestic Water Heaters** *(22 34 30)*		
22 34 30 13-0001		Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 13)*		
		Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 13-0002	EA	30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30)	1,043.39	187.29
22 34 30 13-0003	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	1,027.85	192.15
22 34 30 13-0004	EA	50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50)	1,345.27	197.01
22 34 30 13-0005	EA	65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smiith GCV-65)	1,451.69	201.88
22 34 30 13-0006	EA	75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75)	1,580.26	206.75
22 34 30 13-0007	EA	100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100)	2,304.77	218.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 16)*
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 16-0002	EA	40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40)	1,852.30	192.15
22 34 30 16-0003	EA	50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50)	2,103.35	197.01
22 34 30 16-0004	EA	75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75)	2,715.46	201.88

22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters *(22 34 30)*

22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 19)*
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40)	1,689.31	192.15
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50)	1,758.50	197.01

22 34 36 Commercial Gas Domestic Water Heaters *(22 34)*

22 34 36 13 Commercial, Atmospheric, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 13-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) *(22 34 36 13)*
Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 13-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	4,634.02	291.88
22 34 36 13-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	4,955.79	340.52
22 34 36 13-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	6,121.73	389.16
22 34 36 13-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	5,311.70	389.16
22 34 36 13-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	6,088.64	389.16
22 34 36 13-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	8,091.14	428.08
22 34 36 13-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	5,915.51	437.81
22 34 36 13-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	8,721.82	481.58
22 34 36 13-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	6,005.28	437.81
22 34 36 13-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	8,326.40	481.58
22 34 36 13-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	6,670.08	535.10
22 34 36 13-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	9,128.22	588.61
22 34 36 13-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	7,482.29	535.10
22 34 36 13-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	9,181.65	588.61
22 34 36 13-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	7,259.01	583.74
22 34 36 13-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	10,132.94	642.12
22 34 36 13-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	9,171.92	583.74
22 34 36 13-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	11,971.09	642.12
22 34 36 13-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	11,919.57	632.39
22 34 36 13-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	5,960.32	340.52
22 34 36 13-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	7,139.85	374.57
22 34 36 13-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	6,207.22	389.16
22 34 36 13-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	7,428.55	428.08
22 34 36 13-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	1,555.09	243.23
22 34 36 13-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	1,694.02	243.23

22 34 36 13-0027 Removal And Reinstallation Of Water Heater *(22 34 36 13)*
Note: Includes storage and cleaning.

22 34 36 13-0028	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	442.23	
22 34 36 13-0029	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon	1,169.36	

22 34 36 19 Commercial, Power-Vent, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 19-0001 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) *(22 34 36 19)*
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0002	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	3,789.76	291.88
22 34 36 19-0003	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	5,382.10	291.88
22 34 36 19-0004	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	6,558.78	340.52
22 34 36 19-0005	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	6,837.75	389.16
22 34 36 19-0006	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	6,869.81	389.16
22 34 36 19-0007	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	7,019.43	389.16
22 34 36 19-0008	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	8,230.07	428.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 19-0009	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	7,747.24	437.81
22 34 36 19-0010	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	9,512.65	481.58
22 34 36 19-0011	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	8,144.87	535.10
22 34 36 19-0012	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	9,961.80	588.61
22 34 36 19-0013	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	8,315.86	535.10
22 34 36 19-0014	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	10,068.67	588.61
22 34 36 19-0015	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	9,321.54	583.74
22 34 36 19-0016	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	10,945.14	642.12
22 34 36 19-0017	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	11,255.87	583.74
22 34 36 19-0018	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	12,975.66	642.12

22 34 36 19-0019 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) *(22 34 36 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0020	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	2,956.18	291.88
22 34 36 19-0021	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	3,939.37	291.88
22 34 36 19-0022	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	4,751.58	291.88
22 34 36 19-0023	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	6,819.09	321.06
22 34 36 19-0024	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	6,986.26	340.52
22 34 36 19-0025	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	8,796.32	374.57
22 34 36 19-0026	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	7,104.92	389.16
22 34 36 19-0027	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	9,074.33	428.08
22 34 36 19-0028	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	8,206.78	437.81
22 34 36 19-0029	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	9,972.18	481.58
22 34 36 19-0030	EA	300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	13,039.63	588.61
22 34 36 19-0031	EA	399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	13,713.05	642.12
22 34 36 19-0032	EA	499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	15,765.09	695.63

22 34 36 23 Commercial, High-Efficiency, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 23-0001 Laars Mighty Therm Gas Fired Domestic Hot Water Skid Package *(22 34 36 23)*

Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.

22 34 36 23-0002	EA	400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	54,853.24	1,193.89
22 34 36 23-0003	EA	1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	66,273.15	1,268.50
22 34 36 23-0004	EA	2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	80,469.25	1,343.12
22 34 36 23-0005	EA	3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	96,144.16	1,417.74
22 34 36 23-0006	EA	4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	100,776.71	1,492.35

22 34 36 23-0007 Laars Mighty Therm Volume Water Heater *(22 34 36 23)*

22 34 36 23-0008	EA	200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	7,103.61	716.74
22 34 36 23-0009	EA	300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	7,720.06	806.33
22 34 36 23-0010	EA	400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	8,962.59	985.51
22 34 36 23-0011	EA	500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	12,897.03	1,075.10
22 34 36 23-0012	EA	750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	14,217.64	1,254.28
22 34 36 23-0013	EA	1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	16,262.63	1,433.47
22 34 36 23-0014	EA	1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	17,978.47	1,612.65
22 34 36 23-0015	EA	1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	21,432.59	1,791.83
22 34 36 23-0016	EA	1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	22,249.66	1,881.42
22 34 36 23-0017	EA	2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	23,847.57	1,971.02

22 34 36 26 Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 26-0001 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters *(22 34 36 26)*

22 34 36 26-0002	EA	1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	29,118.61	1,123.48
22 34 36 26-0003	EA	1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	41,136.43	1,241.74
22 34 36 26-0004	EA	2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	44,637.87	1,300.87
22 34 36 26-0005	EA	2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	48,347.52	1,419.13

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 26-0006				Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*		
	22 34 36 26-0007		EA	1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	25,820.31	1,123.48
	22 34 36 26-0008		EA	1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	28,524.69	1,241.74
	22 34 36 26-0009		EA	2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	31,184.85	1,300.87
	22 34 36 26-0010		EA	2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	33,881.67	1,419.13
22 34 36 26-0011				Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters *(22 34 36 26)*		
	22 34 36 26-0012		EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	6,626.32	532.18
	22 34 36 26-0013		EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	7,289.84	591.30
	22 34 36 26-0014		EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,561.39	709.57
	22 34 36 26-0015		EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	12,077.94	739.13
	22 34 36 26-0016		EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	13,305.37	886.96
	22 34 36 26-0017		EA	1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,409.67	1,064.35
	22 34 36 26-0018		EA	1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	18,654.87	1,123.48
	22 34 36 26-0019		EA	1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	20,678.11	1,212.18
	22 34 36 26-0020		EA	1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	22,572.65	1,271.31
	22 34 36 26-0021		EA	2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	24,227.52	1,300.87
22 34 36 26-0022				Patterson Kelley Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*		
	22 34 36 26-0023		EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	21,687.97	886.96
	22 34 36 26-0024		EA	1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	23,875.30	1,064.35
	22 34 36 26-0025		EA	1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	31,935.21	1,212.18
	22 34 36 26-0026		EA	1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	32,898.92	1,271.31
	22 34 36 26-0027		EA	2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	34,440.26	1,300.87
22 34 36 26-0028				Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters *(22 34 36 26)*		
	22 34 36 26-0029		EA	1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	27,514.15	1,064.35
	22 34 36 26-0030		EA	1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	33,284.80	1,212.18
	22 34 36 26-0031		EA	2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	35,321.91	1,300.87

22 34 46 Oil-Fired Domestic Water Heaters *(22 34)*

22 34 46 11 Standard-capacity, Oil-Fired Domestic Water Heaters *(22 34 46)*

22 34 46 11-0001				Oil-Fired Domestic Water Heaters (Bock) *(22 34 46 11)* Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
	22 34 46 11-0002		EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	1,564.06	187.29
	22 34 46 11-0003		EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	1,543.17	187.29
	22 34 46 11-0004		EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	1,610.30	187.29
	22 34 46 11-0005		EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	1,700.02	192.15
	22 34 46 11-0006		EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	2,159.36	197.01
	22 34 46 11-0007		EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	1,827.43	197.01
22 34 46 11-0008				Oil Fired Commercial Water Heaters *(22 34 46 11)* Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
	22 34 46 11-0009		EA	173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Bock 71E)	2,534.13	291.88
	22 34 46 11-0010		EA	199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 72E)	2,971.13	291.88
	22 34 46 11-0011		EA	242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 73E)	2,987.94	291.88
	22 34 46 11-0012		EA	190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E)	4,300.57	389.16
	22 34 46 11-0013		EA	415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E)	5,894.79	486.45
	22 34 46 11-0014		EA	623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E)	7,412.76	535.10

22 35 Domestic Water Heat Exchangers *(22 30)*

22 35 23 Circulating, Domestic Water Heat Exchangers *(22 35)*

22 35 23 13 Circulating, Compact Domestic Water Heat Exchangers *(22 35 23)*

22 35 23 13-0001				Steam Driven Water Heaters *(22 35 23 13)*		
22 35 23 13-0002				Constant Flow *(22 35 23 13-0001)*		
	22 35 23 13-0003		EA	30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow	8,083.51	486.45
	22 35 23 13-0004		EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow	10,109.38	596.10
	22 35 23 13-0005		EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow	12,936.13	779.59
	22 35 23 13-0006		EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow	17,469.09	1,085.86
	22 35 23 13-0007		EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow	25,562.11	1,788.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 35 23 13-0008	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow	27,768.63	2,026.85
22 35 23 13-0009	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow	36,809.73	2,338.67
22 35 23 13-0010	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow	44,347.99	2,763.93

22 35 23 13-0011 Variable Flow *(22 35 23 13-0001)*

22 35 23 13-0012	EA	30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow	11,928.97	948.59
22 35 23 13-0013	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow	13,424.38	1,158.25
22 35 23 13-0014	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow	17,101.32	1,497.69
22 35 23 13-0015	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow	22,282.39	2,089.61
22 35 23 13-0016	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow	32,818.11	3,494.69
22 35 23 13-0017	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow	40,405.87	3,848.53
22 35 23 13-0018	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow	46,752.31	4,504.18
22 35 23 13-0019	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow	59,575.64	5,381.15

22 40 Plumbing Fixtures *(22)*

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures *(22 40)*

22 41 39 Residential Faucets, Supplies, And Trim *(22 41)*

22 41 39 00-0001 Residential Kitchen Faucets *(22 41 39)*

22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	145.49	44.78
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	165.71	44.78
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	165.71	44.78
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215)	160.13	44.78
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	170.99	44.78

22 41 39 00-0007 Residential Lavatory Faucets *(22 41 39)*

22 41 39 00-0008	EA	Chrome Single Acrylic Handle Bath Faucet (Delta 502-DST)	129.96	32.23
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0009	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF)	129.96	32.23
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0010	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF)	96.71	32.23
		For Faucet With Brass Pop-Up, Add	*16.50*	
		For Faucet With Plastic Pop-Up, Add	*14.00*	

22 41 39 00-0011 Residential Bath And Shower Faucets *(22 41 39)*

22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	168.12	38.86
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	195.77	38.86
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	156.06	38.86
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0015	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	170.95	38.86
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0016	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	186.91	24.33
22 41 39 00-0017	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	157.29	24.33
22 41 39 00-0018	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS)	194.48	24.33

22 41 39 00-0019 Residential Laundry Faucets *(22 41 39)*

22 41 39 00-0020	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	113.10	28.60

22 41 39 00-0021 Residential Laundry/Wash Basin Faucets *(22 41 39)*

22 41 39 00-0022	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	113.94	28.60
22 41 39 00-0023	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	159.41	31.52

22 41 39 00-0024 Other Residential Faucets *(22 41 39)*

22 41 39 00-0025	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	30.93	7.30

22 42 Commercial Plumbing Fixtures *(22 40)*

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, And Bidets *(22 42)*

22 42 13 13 Commercial Water Closets *(22 42 13)*

22 42 13 13-0001 Vitreous China Water Closets *(22 42 13 13)*

Note: With a 2" ball pass.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0002		**Floor Mounted Elongated Vitreous China Water Closets** *(22 42 13 13-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	565.53	93.13
22 42 13 13-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Colorado)	559.28	93.13
22 42 13 13-0005	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo®)	686.40	93.13
22 42 13 13-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	906.62	93.13
22 42 13 13-0007	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet™)	804.50	93.13
22 42 13 13-0008	EA	1 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Compact Cadet™)	746.84	93.13
22 42 13 13-0009	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet With Concealed Trapway (American Standard Cadet® 3 FloWise® RIGHT HEIGHT®)	750.81	93.13
22 42 13 13-0010	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler® Wellcomme™)	556.68	93.13
22 42 13 13-0011	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E)	601.19	93.13
22 42 13 13-0012		**Wall Hung Elongated Vitreous China Water Closets** *(22 42 13 13-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0013	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®)	652.33	114.62
22 42 13 13-0014	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit)	826.70	114.62
22 42 13 13-0015	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™)	1,065.67	114.62
22 42 13 13-0016	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Kingston™)	653.77	114.62
22 42 13 13-0017	EA	Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™)	1,033.17	114.62
22 42 13 13-0018	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV)	731.31	114.62
22 42 13 13-0019	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL)	610.61	114.62
22 42 13 13-0020	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459)	645.59	114.62
22 42 13 13-0021		**Floor Mounted Elongated Handicapped Water Closets** *(22 42 13 13-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0022	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA)	574.18	93.13
22 42 13 13-0023	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®)	589.46	93.13
22 42 13 13-0024	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®)	656.84	93.13
22 42 13 13-0025	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron)	740.21	93.13
22 42 13 13-0026	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA)	736.73	93.13
22 42 13 13-0027	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA)	1,002.80	93.13
22 42 13 13-0028	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA)	836.07	93.13
22 42 13 13-0029	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN)	642.82	93.13
22 42 13 13-0030	EA	2 Piece Tank Type, High Efficiency Water Closet Floor Mounted, Elongated, (Sterling 402077) With Open-Front Seat (Kohler K-4650)	691.31	93.13
22 42 13 13-0031	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler Highline™ ADA)	857.01	93.13
22 42 13 13-0032	EA	2 Piece Tank Type, Dual-Flush 1.1 And 1.6 GPF, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Vortens Vienna ELX-DF 3113-3436)	654.68	93.13
22 42 13 13-0033	EA	2 Piece Tank Type, High Eficiency Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Niagara Stealth™)	635.93	93.13
22 42 13 13-0034	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn HET Z5667-BWL)	607.75	93.13
22 42 13 13-0035		**Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets** *(22 42 13 13-0001)*		
		Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0036	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™)	651.43	93.13
22 42 13 13-0037	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	581.80	93.13
22 42 13 13-0038	EA	2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	690.19	93.13
22 42 13 13-0039		**Floor Mounted Round Bowl Vitreous China Water Closets** *(22 42 13 13-0001)*		
22 42 13 13-0040	EA	2 Piece Tank Type, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Toto® CST715) With SoftClose® Seat (Toto® SS113)	638.64	93.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0041	EA	2 Piece Tank Type, Dual Flush, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Vortens 3208-3412)	642.32	93.13
22 42 13 13-0042		**Stainless Steel Water Closets** *(22 42 13 13)*		
22 42 13 13-0043	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS)	3,065.90	201.49
22 42 13 13-0044	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS)	3,230.94	201.49
22 42 13 13-0045		**Water Closet Carriers** *(22 42 13 13)*		
22 42 13 13-0046		**Pipe Grip Adaptor Type, Water Closet Carriers** *(22 42 13 13-0045)*		
		Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 13-0047	EA	Pipe Grip Adaptor Type, Water Closet Carrier	422.78	47.29
22 42 13 13-0048		**No-Hub, Water Closet Carriers** *(22 42 13 13-0045)*		
		Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 13-0049	EA	Vertical Close With Offset, No-Hub, Single Water Closet Carrier	640.80	47.29
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-53.50*	
		For Positioning Frame, Add	*35.91*	
		For Supply Pipe Support, Add	*36.71*	
		For Vandal Proof Trim, Add	*45.52*	
		For Auxiliary Inlet, Add	*155.64*	
		For Special Duty 500 LB Carrier, Add	*253.95*	
22 42 13 13-0050	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier	640.80	47.29
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-53.50*	
		For Positioning Frame, Add	*35.91*	
		For Supply Pipe Support, Add	*36.71*	
		For Vandal Proof Trim, Add	*45.52*	
		For Auxiliary Inlet, Add	*155.64*	
		For Special Duty 500 LB Carrier, Add	*253.95*	
22 42 13 13-0051	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	697.50	47.29
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-53.50*	
		For Positioning Frame, Add	*35.91*	
		For Supply Pipe Support, Add	*36.71*	
		For Vandal Proof Trim, Add	*45.52*	
		For Auxiliary Inlet, Add	*155.64*	
		For Horizontal No Hub Cast Long Barrel, Add	*157.28*	
		For Carrier For Wide Chase Installations, Add	*211.48*	
		For Special Duty 1,000 LB Carrier, Add	*253.95*	
22 42 13 13-0052	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	770.17	47.29
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-53.50*	
		For Positioning Frame, Add	*35.91*	
		For Supply Pipe Support, Add	*36.71*	
		For Vandal Proof Trim, Add	*45.52*	
		For 4" Branch, Add	*121.34*	
		For Auxiliary Inlet, Add	*155.64*	
		For Carrier For Wide Chase Installations, Add	*211.48*	
		For Double 4" Branches, Add	*243.48*	
		For Special Duty 1,000 LB Carrier, Add	*253.95*	
22 42 13 13-0053	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	1,061.73	69.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.00*	
		For Positioning Frame, Add	*78.55*	
		For Supply Pipe Support, Add	*80.15*	
		For Vandal Proof Trim, Add	*91.05*	
		For Auxiliary Inlet, Add	*169.07*	
		For Special Duty 500 LB Carrier, Add	*507.89*	
22 42 13 13-0054	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,090.49	69.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.00*	
		For Positioning Frame, Add	*78.55*	
		For Supply Pipe Support, Add	*80.15*	
		For Vandal Proof Trim, Add	*91.05*	
		For Auxiliary Inlet, Add	*169.07*	
		For Special Duty 500 LB Carrier, Add	*507.89*	
22 42 13 13-0055	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,319.68	69.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.00*	
		For Positioning Frame, Add	*78.55*	
		For Supply Pipe Support, Add	*80.15*	
		For Vandal Proof Trim, Add	*91.05*	
		For 4" Branch, Add	*128.06*	
		For Auxiliary Inlet, Add	*169.07*	
		For Double 4" Branches, Add	*256.91*	
		For Carrier For Wide Chase Installations, Add	*463.28*	
		For Special Duty 1,000 LB Carrier, Add	*507.90*	
22 42 13 13-0056	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	1,244.61	69.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.00*	
		For Positioning Frame, Add	*78.55*	
		For Supply Pipe Support, Add	*80.15*	
		For Vandal Proof Trim, Add	*91.05*	
		For Horizontal No Hub Cast Long Barrel, Add	*164.00*	
		For Carrier For Wide Chase Installations, Add	*463.28*	
		For Special Duty 1,000 LB Carrier, Add	*507.90*	
22 42 13 13-0057		**Hub And Spigot, Water Closet Carriers** *(22 42 13 13-0045)*		
		Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0058	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	640.80	47.29
		For Positioning Frame, Add	*35.91*	
		For Supply Pipe Support, Add	*36.71*	
		For Vandal Proof Trim, Add	*45.52*	
		For Hanger Type Closet Adapter, Add	*114.20*	
		For Auxiliary Inlet, Add	*155.64*	
22 42 13 13-0059	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	640.80	47.29
		For Positioning Frame, Add	*35.91*	
		For Supply Pipe Support, Add	*36.71*	
		For Vandal Proof Trim, Add	*45.52*	
		For Auxiliary Inlet, Add	*155.64*	
		For Special Duty 500 LB Carrier, Add	*253.95*	
22 42 13 13-0060	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	797.32	47.29
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-53.50*	
		For Positioning Frame, Add	*35.91*	
		For Supply Pipe Support, Add	*36.71*	
		For Vandal Proof Trim, Add	*45.52*	
		For 4" Branch, Add	*121.34*	
		For Auxiliary Inlet, Add	*155.64*	
		For Carrier For Wide Chase Installations, Add	*211.48*	
		For Double 4" Branches, Add	*243.48*	
		For Special Duty 1,000 LB Carrier, Add	*253.95*	
22 42 13 13-0061	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,061.73	69.40
		For Positioning Frame, Add	*78.55*	
		For Supply Pipe Support, Add	*80.15*	
		For Vandal Proof Trim, Add	*91.05*	
		For Auxiliary Inlet, Add	*169.07*	
		For Hanger Type Closet Adapter, Add	*228.39*	
22 42 13 13-0062	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,346.83	69.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.00*	
		For Positioning Frame, Add	*78.55*	
		For Supply Pipe Support, Add	*80.15*	
		For Vandal Proof Trim, Add	*91.05*	
		For 4" Branch, Add	*128.06*	
		For Auxiliary Inlet, Add	*169.07*	
		For Double 4" Branches, Add	*256.91*	
		For Carrier For Wide Chase Installations, Add	*463.28*	
		For Special Duty 1,000 LB Carrier, Add	*507.90*	

22 42 13 13-0063 Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers
(22 42 13 13-0045)

Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.

22 42 13 13-0064	EA	Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	501.04	47.29
		For Positioning Frame, Add	*35.91*	
		For Supply Pipe Support, Add	*36.71*	
		For Vandal Proof Trim, Add	*45.52*	
		For Hanger Type Closet Adapter, Add	*114.20*	

22 42 13 13-0065 Institutional Water Closet Carriers *(22 42 13 13-0045)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.

22 42 13 13-0066	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier	1,717.38	69.40
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-107.00*	
		For Positioning Frame, Add	*78.55*	
		For Supply Pipe Support, Add	*80.15*	
		For Vandal Proof Trim, Add	*91.05*	
		For Auxiliary Inlet, Add	*169.07*	

22 42 13 13-0067 Removal And Reinstallation Of Fixtures And Trim *(22 42 13 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 13 13-0068	EA	Removal And Reinstallation Of Wall Hung Water Closet With Tank	409.41	
22 42 13 13-0069	EA	Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	409.41	
22 42 13 13-0070	EA	Removal And Reinstallation Of Floor Mount Water Closet With Tank	314.89	
22 42 13 13-0071	EA	Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve	314.89	

22 42 13 16 Commercial Urinals *(22 42 13)*

22 42 13 16-0001 Vitreous China Urinals *(22 42 13 16)*

Note: Excludes flush valve unless indicated otherwise.

22 42 13 16-0002 Wall Hung Urinals *(22 42 13 16-0001)*

22 42 13 16-0003	EA	Washout, Wall Hung, Vitreous China Urinal (American Standard Maybrook™)	516.48	95.82
22 42 13 16-0004	EA	Washout, Wall Hung, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	642.32	95.82
22 42 13 16-0005	EA	Washout, Wall Hung, Vitreous China Urinal With Back Spud (American Standard Washbrook®)	668.64	95.82
22 42 13 16-0006	EA	Blowout, Wall Hung, Vitreous China Urinal (American Standard Lynbrook™)	707.29	95.82
22 42 13 16-0007	EA	Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Trimbrook™)	640.27	95.82
22 42 13 16-0008	EA	Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Allbrook™)	533.97	95.82
22 42 13 16-0009	EA	Washout, Wall Hung, Vitreous China Urinal (Toto® UT447E Or UT447EV)	658.76	95.82
22 42 13 16-0010	EA	Washout, Wall Hung, Vitreous China Urinal (Toto® UT104E Or UT104EV)	557.06	95.82
22 42 13 16-0011	EA	Washout, Wall Hung, Vitreous China Urinal (Zurn Z5798)	606.48	95.82
22 42 13 16-0012	EA	0.125 To 0.5 GPF, HEU, Washout, Wall Hung, Vitreous China Urinal (Sloan SU-1009-A)	549.79	95.82
22 42 13 16-0013	EA	1.0 GPF, HEU, Washout, Wall Hung, Vitreous China Urinal (Sloan SU-1006-A)	547.63	95.82

22 42 13 16-0014 Floor Mounted Urinals *(22 42 13 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0015	EA	Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	885.30	120.89
22 42 13 16-0016	EA	Washout, Floor Mounted, Vitreous China Urinal (Kohler® Branham™)	1,016.53	120.89
22 42 13 16-0017	EA	Floor Mounted Urinal Seam Cover For 21" Centers (Kohler® K-4931)	302.91	22.39
22 42 13 16-0018	EA	Floor Mounted Urinal Seam Cover For 24" Centers (Kohler® K-4932)	344.93	22.39

22 42 13 16-0019 Waterfree Urinals *(22 42 13 16-0001)*

22 42 13 16-0020	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	602.08	67.17
22 42 13 16-0021	EA	Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000)	763.39	67.17
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-61.50*	
22 42 13 16-0022	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	667.57	67.17
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-50.58*	
22 42 13 16-0023	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	528.96	67.17
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-34.78*	
22 42 13 16-0024	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	528.96	67.17
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-34.78*	
22 42 13 16-0025	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	637.85	67.17
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-47.19*	
22 42 13 16-0026	EA	Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	929.01	67.17
		For >1, Deduct	*-80.38*	

22 42 13 16-0027 Stainless Steel Urinals *(22 42 13 16)*

22 42 13 16-0028	EA	Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1)	3,158.74	201.49
22 42 13 16-0029	EA	5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	4,095.88	246.27

22 42 13 16-0030 Urinal Carriers *(22 42 13 16)*

22 42 13 16-0031 Floor Mounted, Urinal Carriers *(22 42 13 16-0030)*

Note: Includes adjustable supporting rods, structural uprights and welded feet.

22 42 13 16-0032	EA	Floor Mounted Hanger Plate Type, Single Urinal Carrier	365.02	34.03
		For Up To 4" Extension Sleeves And Hardware, Add	*16.77*	
22 42 13 16-0033	EA	Floor Mounted Bearing Plate Type, Single Urinal Carrier	395.36	34.03
		For Up To 4" Extension Sleeves And Hardware, Add	*16.77*	

22 42 13 16-0034 Wall Mounted, Urinal Carriers *(22 42 13 16-0030)*

Note: Includes wall plate and adjustable supporting rods.

22 42 13 16-0035	EA	Wall Mounted Hanger Plate Type, Single Urinal Carrier	175.75	34.03
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*16.77*	

22 42 13 16-0036 Removal And Reinstallation Of Fixtures And Trim *(22 42 13 16)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 13 16-0037	EA	Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	407.95	

22 42 16 Commercial Lavatories And Sinks *(22 42)*

22 42 16 13 Commercial Lavatories *(22 42 16)*

22 42 16 13-0001 Lavatories *(22 42 16 13)*

Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.

22 42 16 13-0002 Wall Hung Lavatories *(22 42 16 13-0001)*

22 42 16 13-0003	EA	19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	510.34	60.00
22 42 16 13-0004	EA	20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	535.93	60.00
22 42 16 13-0005	EA	22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	679.25	60.00
22 42 16 13-0006	EA	18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	463.68	60.00
22 42 16 13-0007	EA	19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	392.19	60.00
22 42 16 13-0008	EA	20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	509.92	60.00
22 42 16 13-0009	EA	27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	610.43	60.00
22 42 16 13-0010	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™)	475.72	60.00
22 42 16 13-0011	EA	20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™)	413.26	60.00

22 42 16 13-0012 Countertop Lavatories *(22 42 16 13-0001)*

22 42 16 13-0013	EA	20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®)	445.31	72.54
22 42 16 13-0014	EA	21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	454.01	72.54
22 42 16 13-0015	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	478.24	72.54
22 42 16 13-0016	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™)	504.04	72.54
22 42 16 13-0017	EA	24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	649.31	78.35

22 42 16 13-0018 Undercounter Lavatories *(22 42 16 13-0001)*

22 42 16 13-0019	EA	15" x 12" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	447.18	72.54
22 42 16 13-0020	EA	17" x 14" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	418.41	72.54
22 42 16 13-0021	EA	19" x 16" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	418.41	72.54
22 42 16 13-0022	EA	21" x 17" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	453.32	72.54
22 42 16 13-0023	EA	15" x 12" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	431.65	72.54
22 42 16 13-0024	EA	17" x 14" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	426.35	72.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0025	EA	19" x 15" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	431.75	72.54
22 42 16 13-0026	EA	18" x 12" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®)	550.88	72.54
22 42 16 13-0027	EA	21" x 14" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®)	550.88	72.54
22 42 16 13-0028		**Pedestal Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0029	EA	19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™)	587.50	172.39
22 42 16 13-0030		**Pre-Molded Culture Marble Lavatory Vanity** *(22 42 16 13-0001)*		
		Note: Includes splash. Single sink, center or offset. Bowl is either oval, shell shape or rectangular.		
22 42 16 13-0031	EA	24" x 18" Pre-Molded Culture Marble Vanity Top With Lavatory	260.87	67.17
		For Colored Fixtures, Add	*36.71*	
22 42 16 13-0032	EA	30" x 18" Pre-Molded Culture Marble Vanity Top With Lavatory	285.15	71.64
		For Colored Fixtures, Add	*41.15*	
22 42 16 13-0033	EA	36" x 18" Pre-Molded Culture Marble Vanity Top With Lavatory	305.90	76.12
		For Colored Fixtures, Add	*44.57*	
22 42 16 13-0034	EA	25" x 19" Pre-Molded Culture Marble Vanity Top With Lavatory	266.77	67.17
		For Colored Fixtures, Add	*38.42*	
22 42 16 13-0035	EA	31" x 19" Pre-Molded Culture Marble Vanity Top With Lavatory	288.67	71.64
		For Colored Fixtures, Add	*42.18*	
22 42 16 13-0036	EA	37" x 19" Pre-Molded Culture Marble Vanity Top With Lavatory	308.25	76.12
		For Colored Fixtures, Add	*45.25*	
22 42 16 13-0037	EA	43" x 19" Pre-Molded Culture Marble Vanity Top With Lavatory	342.20	78.35
		For Colored Fixtures, Add	*53.80*	
22 42 16 13-0038	EA	49" x 19" Pre-Molded Culture Marble Vanity Top With Lavatory	370.29	80.60
		For Colored Fixtures, Add	*60.64*	
22 42 16 13-0039	EA	25" x 22" Pre-Molded Culture Marble Vanity Top With Lavatory	290.35	67.17
		For Colored Fixtures, Add	*45.25*	
22 42 16 13-0040	EA	31" x 22" Pre-Molded Culture Marble Vanity Top With Lavatory	328.76	71.64
		For Colored Fixtures, Add	*53.80*	
22 42 16 13-0041	EA	37" x 22" Pre-Molded Culture Marble Vanity Top With Lavatory	349.52	76.12
		For Colored Fixtures, Add	*57.22*	
22 42 16 13-0042	EA	43" x 22" Pre-Molded Culture Marble Vanity Top With Lavatory	372.85	78.35
		For Colored Fixtures, Add	*62.69*	
22 42 16 13-0043	EA	49" x 22" Pre-Molded Culture Marble Vanity Top With Lavatory	393.87	80.60
		For Colored Fixtures, Add	*67.48*	
22 42 16 13-0044	EA	55" x 22" Pre-Molded Culture Marble Vanity Top With Lavatory	421.68	85.07
		For Colored Fixtures, Add	*72.95*	
22 42 16 13-0045		**Stainless Steel Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0046	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1)	1,594.24	156.72
22 42 16 13-0047		**Solid Surface Multi-Station Lavatory Systems** *(22 42 16 13-0001)*		
		Note: ADA compliant. Includes integral faucets.		
22 42 16 13-0048	EA	2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	3,987.60	124.38
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*563.00*	
22 42 16 13-0049	EA	3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	5,823.22	124.38
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*657.00*	
22 42 16 13-0050	EA	12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	282.73	41.46
22 42 16 13-0051	EA	18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	345.90	41.46
22 42 16 13-0052	EA	36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	667.65	41.46
22 42 16 13-0053		**Lavatory Carriers** *(22 42 16 13)*		
22 42 16 13-0054		**Floor Mounted, Lavatory Carriers** *(22 42 16 13-0053)*		
22 42 16 13-0055		**Floor Mounted Plate Type, Lavatory Carriers** *(22 42 16 13-0054)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 13-0056	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier	365.02	34.03
		For Up To 4" Extension Sleeves And Hardware, Add	*16.77*	
		For Valve Plate For Attaching To Upright, Add	*61.49*	
		For Corner Carrier, Add	*119.80*	
22 42 16 13-0057	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier	395.36	34.03
		For Up To 4" Extension Sleeves And Hardware, Add	*16.77*	
		For Valve Plate For Attaching To Upright, Add	*61.49*	
22 42 16 13-0058	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	448.87	34.03
		For Up To 4" Extension Sleeves And Hardware, Add	*33.54*	
		For Valve Plate For Attaching To Upright, Add	*122.99*	
22 42 16 13-0059	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	510.36	34.03
		For Up To 4" Extension Sleeves And Hardware, Add	*33.54*	
		For Valve Plate For Attaching To Upright, Add	*122.99*	
22 42 16 13-0060		**Floor Mounted, Lavatory Carriers With Arms** *(22 42 16 13-0054)*		
		Note: Includes leveling and securing screws, structural uprights and welded feet.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0061	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms	466.78	40.29
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*16.77*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*23.16*	
		For Valve Plate For Attaching To Upright, Add	*63.28*	
		For 2" Chrome Plated Escutcheons, Add	*56.70*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*103.02*	
22 42 16 13-0062	EA	Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	613.72	40.29
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*16.77*	
		For Vandal Proof Trim, Add	*45.52*	
		For Valve Plate For Attaching To Upright, Add	*63.28*	
		For Heavy Duty Carrier, Add	*58.29*	
22 42 16 13-0063	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms	612.91	40.29
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*33.54*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*46.32*	
		For Valve Plate For Attaching To Upright, Add	*126.57*	
		For 2" Chrome Plated Escutcheons, Add	*113.40*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*206.03*	
22 42 16 13-0064	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms	894.02	40.29
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*33.54*	
		For Vandal Proof Trim, Add	*91.05*	
		For Valve Plate For Attaching To Upright, Add	*126.57*	
		For Heavy Duty Carrier, Add	*116.59*	

22 42 16 13-0065 Wall Mounted, Lavatory Carriers *(22 42 16 13-0053)*

22 42 16 13-0066 Wall Mounted Plate Type, Lavatory Carriers *(22 42 16 13-0065)*

Note: Includes wall plate and adjustable supporting rods.

22 42 16 13-0067	EA	Wall Mounted Hanger Plate Type, Single Lavatory Carrier	175.75	34.03
		For Double Plate Carrier, Add	*49.12*	

22 42 16 13-0068 Wall Mounted Plate Type, Lavatory Carriers With Arms *(22 42 16 13-0065)*

Note: Includes wall plate and leveling and securing screws.

22 42 16 13-0069	EA	Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms	280.71	40.29
		For Up To 4" Extension Sleeves And Hardware, Add	*16.77*	
		For 2" Chrome Plated Escutcheons, Add	*56.70*	
22 42 16 13-0070	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms	325.43	40.29
		For Movable Mounting Brackets, Deduct	*-43.11*	
		For Up To 4" Extension Sleeves And Hardware, Add	*16.77*	
		For 2" Chrome Plated Escutcheons, Add	*56.70*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*103.02*	
22 42 16 13-0071	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	463.59	40.29
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*16.77*	
		For Vandal Proof Trim, Add	*45.52*	

22 42 16 13-0072 Removal And Reinstallation Of Lavatory And Trim *(22 42 16 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 16 13-0073	EA	Removal And Reinstallation Of Wall Hung Lavatory With Faucet	263.39	

22 42 16 16 Commercial Sinks *(22 42 16)*

22 42 16 16-0001 Sinks *(22 42 16 16)*

Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.

22 42 16 16-0002 Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0003	EA	25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®)	635.87	84.18
22 42 16 16-0004	EA	22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®)	839.92	95.82
22 42 16 16-0005	EA	15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)	818.85	82.39
		For 18 Gauge, Add	*241.52*	
22 42 16 16-0006	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)	841.89	82.39
		For 18 Gauge, Add	*253.04*	
22 42 16 16-0007	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)	893.72	82.39
		For 18 Gauge, Add	*278.95*	
22 42 16 16-0008	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)	939.02	84.18
		For 18 Gauge, Add	*296.23*	
22 42 16 16-0009	EA	31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)	1,199.73	95.82
		For 18 Gauge, Add	*409.49*	
22 42 16 16-0010	EA	33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)	1,227.47	95.82
		For 18 Gauge, Add	*423.20*	
22 42 16 16-0011	EA	15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710)	1,192.24	82.39
22 42 16 16-0012	EA	17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210)	1,218.15	82.39
22 42 16 16-0013	EA	22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210)	1,283.42	82.39
22 42 16 16-0014	EA	25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210)	1,369.99	84.18
22 42 16 16-0015	EA	31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210)	1,669.10	95.82
22 42 16 16-0016	EA	33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322)	1,595.10	95.82

22 42 16 16-0017 Undermount Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0018	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99)	1,053.94	82.39
22 42 16 16-0019	EA	21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99)	1,051.14	82.39
22 42 16 16-0020	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99)	1,063.54	82.39
22 42 16 16-0021	EA	21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99)	1,128.81	82.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0022	EA	21" x 15-3/4" x 4-3/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHAD2115) With Strainer (Elkay LK99) Note: Available in 4-1/2", 5, or 5-1/2" depths.	1,087.54	82.39
22 42 16 16-0023	EA	25" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF2520) With Strainer (Elkay LK99)	1,254.83	82.39
22 42 16 16-0024	EA	32" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF3320) With Strainer (Elkay LK99)	1,504.94	82.39
22 42 16 16-0025	EA	21" x 18" x 5-1/2" Deep, Single Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. US-ADA-1821-A)	845.95	82.39
22 42 16 16-0026	EA	32" x 18" x 5-1/2" Deep, Two Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. UD-ADA-1832-A)	1,126.79	82.39
22 42 16 16-0027		**Multi-Station Wash Sink, Wall Mounted** *(22 42 16 16-0001)* Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.		
22 42 16 16-0028	EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	1,798.28	145.52
22 42 16 16-0029	EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,414.75	156.72
22 42 16 16-0030	EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,779.95	167.91
22 42 16 16-0031	EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,245.15	111.94
22 42 16 16-0032	EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,495.36	123.13
22 42 16 16-0033	EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,740.42	134.33
22 42 16 16-0034	EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	3,041.38	151.12
22 42 16 16-0035	EA	27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain Note: Includes sensor operated spray heads.	2,963.79	246.27
22 42 16 16-0036		**Utility Or Laundry Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0037	EA	23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1)	570.98	95.82
22 42 16 16-0038	EA	40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II)	668.78	95.82
22 42 16 16-0039	EA	22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1)	569.14	95.82
22 42 16 16-0040	EA	24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210)	914.78	95.82
22 42 16 16-0041	EA	48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220)	1,328.57	107.46
22 42 16 16-0042		**Refinish Sink/Lavatory** *(22 42 16 16-0001)*		
22 42 16 16-0043	EA	Refinish Sink/Lavatory	209.93	
22 42 16 16-0044		**Service Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0045	EA	22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™)	923.43	144.18
22 42 16 16-0046	EA	24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™)	976.77	144.18
22 42 16 16-0047	EA	28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™)	1,241.15	190.74
22 42 16 16-0048	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F)	501.23	134.33
22 42 16 16-0049	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424)	586.38	134.33
22 42 16 16-0050	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624)	644.91	161.19
22 42 16 16-0051	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	542.08	134.33
22 42 16 16-0052	EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010)	614.74	161.19
22 42 16 16-0053	EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24)	644.90	134.33
22 42 16 16-0054	EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624)	793.40	161.19
22 42 16 16-0055		**Stainless Steel Sink And Drainboard** *(22 42 16 16-0001)*		
22 42 16 16-0056	EA	24" x 24" Stainless Steel Sink With One Compartment And Drainboard, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L)	2,781.64	223.88
22 42 16 16-0057		**Soapstone Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0058	EA	26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink	1,023.26	82.39
22 42 16 16-0059	SF	Soapstone Sink Backsplash	153.29	
22 42 16 16-0060	EA	30" x 18-1/2" x 10" Single Bowl Soapstone Sink	1,312.13	95.82
22 42 16 16-0061	EA	36" x 18-1/2" x 10" Double Bowl Soapstone Sink	1,546.78	95.82
22 42 16 16-0062		**Sink Carriers** *(22 42 16 16)*		
22 42 16 16-0063		**Floor Mounted, Sink Carriers** *(22 42 16 16-0062)* Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 16-0064	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling	520.74	34.03
		For Vandal Proof Trim, Add	*45.52*	
		For Valve Plate For Attaching To Upright, Add	*61.49*	
22 42 16 16-0065	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting	794.65	34.03
		For Vandal Proof Trim, Add	*45.52*	
		For Auxiliary Vent, Add	*137.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0066	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms	989.51	34.03
		For Up To 4" Extension Sleeves And Hardware, Add	*34.34*	
		For Vandal Proof Trim, Add	*45.52*	
22 42 16 16-0067		Removal And Reinstallation Of Sink And Trim *(22 42 16 16)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 16-0068	EA	Removal And Reinstallation Of Wall Hung Service Sink With Faucet	361.10	
22 42 19		**Commercial Bathtubs** *(22 42)*		
22 42 19 00-0001		Recessed Alcove Bathtubs *(22 42 19)*		
22 42 19 00-0002		Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
22 42 19 00-0003	EA	54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™)	1,427.79	248.95
22 42 19 00-0004	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®)	1,217.72	248.95
22 42 19 00-0005	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)	1,433.06	248.95
22 42 19 00-0006	EA	66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®)	1,855.54	248.95
22 42 19 00-0007		Porcelain Enameled Steel, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
22 42 19 00-0008	EA	60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®)	610.86	248.95
22 42 19 00-0009	EA	60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®)	625.91	248.95
22 42 19 00-0010		Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
22 42 19 00-0011	EA	60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™)	922.04	248.95
22 42 19 00-0012		Acrylic, Recessed Alcove Bathtubs *(22 42 19 00-0001)*		
22 42 19 00-0013	EA	60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®)	950.49	248.95
22 42 19 00-0014	EA	60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,132.35	248.95
22 42 19 00-0015	EA	66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,155.84	248.95
22 42 19 00-0016	EA	72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,141.41	248.95
22 42 19 00-0017	EA	72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®)	1,193.34	248.95
22 42 19 00-0018		Bathtub Refinishing *(22 42 19 00-0001)*		
22 42 19 00-0019	EA	Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel	474.96	
22 42 19 00-0020		Tub And Shower Combinations *(22 42 19)*		
22 42 19 00-0021		Acrylic Tub And Shower Combination *(22 42 19 00-0020)*		
22 42 19 00-0022	EA	1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032)	837.84	89.55
		For 2 Piece Enclosure, Deduct	*-185.53*	
22 42 19 00-0023		Fiberglass Tub And Shower Combination *(22 42 19 00-0020)*		
22 42 19 00-0024	EA	1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG)	773.18	89.55
22 42 19 00-0025	EA	2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P)	620.31	59.70
22 42 19 00-0026	EA	4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P)	1,229.81	135.16
22 42 19 00-0027	EA	3 Piece Tub/Shower Surrounds, 32" x 72" Side Walls, 48" x 72" Back, (Swanstone SK-324872)	2,151.32	313.12
		For 2 Piece Enclosure, Deduct	*-453.99*	
22 42 23		**Commercial Showers** *(22 42)*		
22 42 23 00-0001		Shower Enclosures *(22 42 23)*		
		Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
22 42 23 00-0002		Powder Coated Or Baked Enamel Steel Shower Enclosure *(22 42 23 00-0001)*		
22 42 23 00-0003	EA	32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,077.87	144.44
22 42 23 00-0004	EA	36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,077.87	144.44
22 42 23 00-0005	EA	40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,582.83	144.44
22 42 23 00-0006	EA	40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions)	1,732.74	144.44
22 42 23 00-0007		Solid Plastic Core High Density Polymer (HDP) Shower Enclosure *(22 42 23 00-0001)*		
22 42 23 00-0008	EA	32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	1,716.96	144.44
22 42 23 00-0009	EA	36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	1,716.96	144.44
22 42 23 00-0010	EA	40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,427.06	144.44
22 42 23 00-0011	EA	40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions)	2,703.21	144.44
22 42 23 00-0012		Composite Fiberglass Shower Enclosure, 4 Piece Knock-Down *(22 42 23 00-0001)*		
22 42 23 00-0013	EA	32" x 32" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3232CS)	917.75	144.44
22 42 23 00-0014	EA	36" x 36" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3636CS)	941.09	144.44
22 42 23 00-0015	EA	34" x 48" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 4834CS)	964.42	144.44
22 42 23 00-0016	EA	30" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6030CSL)	1,011.09	144.44
22 42 23 00-0017	EA	34" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6034CS)	1,072.93	144.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0018		1 Piece Shower Units *(22 42 23)*		
22 42 23 00-0019	EA	1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232)	788.91	89.55
22 42 23 00-0020	EA	1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636)	874.49	89.55
22 42 23 00-0021		Personnel Type Shower Receptors *(22 42 23)*		
22 42 23 00-0022		Acrylic Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0023	EA	36" x 36" Acrylic Shower Receptor	385.51	36.49
22 42 23 00-0024	EA	42" x 42" Acrylic Shower Receptor	407.52	36.49
22 42 23 00-0025	EA	48" x 48" Acrylic Shower Receptor	451.47	36.49
22 42 23 00-0026	EA	60" x 60" Acrylic Shower Receptor	549.05	43.78
22 42 23 00-0027	EA	48" x 32" Acrylic Shower Receptor	386.55	36.49
22 42 23 00-0028	EA	48" x 36" Acrylic Shower Receptor	415.49	36.49
22 42 23 00-0029	EA	48" x 42" Acrylic Shower Receptor	469.34	36.49
22 42 23 00-0030	EA	60" x 30" Acrylic Shower Receptor	741.76	97.48
22 42 23 00-0031	EA	60" x 32" Acrylic Shower Receptor	521.66	43.78
22 42 23 00-0032	EA	60" x 36" Acrylic Shower Receptor	525.38	43.78
22 42 23 00-0033	EA	60" x 42" Acrylic Shower Receptor	528.80	43.78
22 42 23 00-0034	EA	60" x 48" Acrylic Shower Receptor	582.30	43.78
22 42 23 00-0035	EA	36" x 36" Acrylic Corner Shower Receptor	561.92	36.49
22 42 23 00-0036	EA	42" x 42" Acrylic Corner Shower Receptor	644.99	36.49
22 42 23 00-0037	EA	47-1/2" x 47-1/2" Acrylic Corner Shower Receptor	1,027.86	92.61
22 42 23 00-0038		Molded Stone Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0039	EA	32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	257.53	36.49
22 42 23 00-0040	EA	34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	269.95	36.49
22 42 23 00-0041	EA	36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	271.33	36.49
22 42 23 00-0042	EA	42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	332.73	36.49
22 42 23 00-0043	EA	42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	295.48	36.49
22 42 23 00-0044	EA	48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	312.73	36.49
22 42 23 00-0045	EA	48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	314.80	36.49
22 42 23 00-0046	EA	54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	364.63	43.78
22 42 23 00-0047	EA	60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	377.74	43.78
22 42 23 00-0048	EA	36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	298.93	36.49
22 42 23 00-0049	EA	38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	306.52	36.49
22 42 23 00-0050		Precast Terrazzo Shower Receptors *(22 42 23 00-0021)*		
22 42 23 00-0051	EA	30" x 30" Precast Terrazzo Shower Receptor	482.44	36.49
22 42 23 00-0052	EA	32" x 32" Precast Terrazzo Shower Receptor	501.07	36.49
22 42 23 00-0053	EA	34" x 34" Precast Terrazzo Shower Receptor	518.32	36.49
22 42 23 00-0054	EA	36" x 36" Precast Terrazzo Shower Receptor	520.39	36.49
22 42 23 00-0055	EA	40" x 40" Precast Terrazzo Shower Receptor	569.37	36.49
22 42 23 00-0056	EA	42" x 42" Precast Terrazzo Shower Receptor	594.21	36.49
22 42 23 00-0057	EA	48" x 48" Precast Terrazzo Shower Receptor	834.30	36.49
22 42 23 00-0058	EA	36" x 32" Precast Terrazzo Shower Receptor	514.18	36.49
22 42 23 00-0059	EA	42" x 32" Precast Terrazzo Shower Receptor	524.07	36.49
22 42 23 00-0060	EA	42" x 34" Precast Terrazzo Shower Receptor	541.78	36.49
22 42 23 00-0061	EA	42" x 36" Precast Terrazzo Shower Receptor	563.85	36.49
22 42 23 00-0062	EA	32" x 48" Precast Terrazzo Shower Receptor	565.92	36.49
22 42 23 00-0063	EA	48" x 34" Precast Terrazzo Shower Receptor	594.21	36.49
22 42 23 00-0064	EA	54" x 32" Precast Terrazzo Shower Receptor	622.50	36.49
22 42 23 00-0065	EA	60" x 30" Precast Terrazzo Shower Receptor	841.11	43.78
22 42 23 00-0066	EA	60" x 32" Precast Terrazzo Shower Receptor	919.39	43.78
22 42 23 00-0067	EA	60" x 34" Precast Terrazzo Shower Receptor	923.23	43.78
22 42 23 00-0068	EA	60" x 36" Precast Terrazzo Shower Receptor	927.05	43.78
22 42 23 00-0069	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	523.15	36.49
22 42 23 00-0070	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	524.07	36.49
22 42 23 00-0071	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	525.91	36.49
22 42 23 00-0072	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	630.09	36.49
22 42 23 00-0073	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,144.07	36.49
22 42 23 00-0074	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,273.94	43.78
22 42 23 00-0075	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,327.75	43.78
22 42 23 00-0076		Shower Receptors Accessories *(22 42 23 00-0021)*		
22 42 23 00-0077	SF	Polyvinyl Chloride (PVC) Shower Pan Liner	3.26	
22 42 23 00-0078		Removal And Reinstallation Of Fixtures And Trim *(22 42 23)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 23 00-0079	EA	Removal And Reinstallation Of Shower Head	43.78	
22 42 33		**Wash Fountains** *(22 42)*		
22 42 33 00-0001		Circular Wash Fountain, Deep Bowl *(22 42 33)* Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	7,461.71	145.11
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	4,856.30	145.11
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE)	8,490.27	145.11
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD)	9,511.40	165.84
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD)	5,604.47	165.84
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE)	10,178.45	165.84
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0008		Semi-Circular Wash Fountain, Deep Bowl *(22 42 33)*		
		Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD)	6,510.43	124.38
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD)	4,439.25	124.38
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE)	6,428.08	124.38
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD)	7,989.13	145.11
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD)	5,359.93	145.11
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE)	7,648.60	145.11
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 39		**Commercial Faucets, Supplies, And Trim** *(22 42)*		
22 42 39 00-0001		Other Trim *(22 42 39)*		
22 42 39 00-0002	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	14.99	4.87
22 42 39 00-0003	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP)	87.01	14.59
22 42 39 00-0004	EA	Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102)	59.02	13.43
22 42 39 00-0005	EA	Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus)	61.89	13.43
22 42 39 00-0006	EA	Lavatory Protective Enclosure (IPS Truebro Lav Shield)	158.89	13.43
22 42 39 00-0007	EA	36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	195.85	13.43
22 42 39 00-0008	EA	42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	222.70	13.43
22 42 39 00-0009	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036)	29.74	9.41
22 42 39 00-0010	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037)	29.74	9.41
22 42 39 00-0011	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558)	39.71	9.41
22 42 39 00-0012	EA	16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line (Pair)	28.77	10.34
22 42 39 00-0013	EA	12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	17.76	6.08
22 42 39 00-0014	EA	12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	18.22	6.08
22 42 39 00-0015		Kitchen Faucets *(22 42 39)*		
22 42 39 00-0016	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST)	155.81	44.78
22 42 39 00-0017	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST)	174.35	44.78
22 42 39 00-0018	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST)	195.36	44.78
22 42 39 00-0019	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST)	222.24	44.78
22 42 39 00-0020	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24)	146.02	44.78
22 42 39 00-0021	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24)	159.08	44.78
22 42 39 00-0022	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF)	203.07	44.78
22 42 39 00-0023	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF)	147.86	44.78
22 42 39 00-0024	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF)	142.92	44.78
22 42 39 00-0025	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF)	167.08	44.78
22 42 39 00-0026	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24)	278.98	44.78
22 42 39 00-0027	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24)	304.92	44.78
22 42 39 00-0028	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP)	288.96	48.64
22 42 39 00-0029	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	287.70	48.64

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0030	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP)	217.89	48.64
22 42 39 00-0031	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR)	486.03	44.78
22 42 39 00-0032	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK)	611.92	44.78
22 42 39 00-0033	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB)	653.89	44.78
22 42 39 00-0034	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR)	486.03	44.78
22 42 39 00-0035	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK)	611.92	44.78
22 42 39 00-0036	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB)	653.89	44.78

22 42 39 00-0037 Lavatory Faucets *(22 42 39)*

22 42 39 00-0038	EA	Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST)	183.56	32.23
22 42 39 00-0039	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF)	129.96	32.23
22 42 39 00-0040	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU)	159.28	32.23
22 42 39 00-0041	EA	4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM)	173.90	32.23
22 42 39 00-0042	EA	Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU)	211.66	32.23
22 42 39 00-0043	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF)	245.20	32.23
22 42 39 00-0044	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104)	152.97	32.23
22 42 39 00-0045	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	228.46	32.23
22 42 39 00-0046	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	167.00	32.23
22 42 39 00-0047	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	170.67	32.23
22 42 39 00-0048	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	204.35	32.23
22 42 39 00-0049	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	200.37	32.23
22 42 39 00-0050	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104)	165.24	32.23

22 42 39 00-0051 Bath And Shower Faucets *(22 42 39)*

22 42 39 00-0052 Bath And Shower Faucets With Valve Body *(22 42 39 00-0051)*

22 42 39 00-0053	EA	Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	172.37	38.86
22 42 39 00-0054	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	200.02	38.86
22 42 39 00-0055	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	217.75	38.86
22 42 39 00-0056	EA	Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505)	160.32	38.86
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0057	EA	Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501)	167.41	38.86
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0058	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502)	187.97	38.86
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0059	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502)	211.37	38.86
		For Faucet With Metal Cross Handles, Add	*45.75*	

22 42 39 00-0060 Shower Valves And Trim *(22 42 39)*

See CSI section 22 41 39 00-0011 for residential shower valves and heads.

22 42 39 00-0061	EA	Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319)	286.52	60.44
22 42 39 00-0062	EA	Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	611.06	60.44
22 42 39 00-0063	EA	Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP)	432.28	60.44
22 42 39 00-0064	EA	Senior Institutional Shower Head (Symmons® 4-150)	167.94	38.86
22 42 39 00-0065	EA	Universal Institutional Shower Head (Symmons® 4-151)	273.52	38.86
22 42 39 00-0066	EA	Fre-Flo Institutional Shower Head (Symmons® 4-295)	195.73	38.86
22 42 39 00-0067	EA	Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385)	150.21	38.86
22 42 39 00-0068	EA	Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X)	608.39	58.21
22 42 39 00-0069	EA	Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X)	506.16	67.17
22 42 39 00-0070	EA	Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X)	660.24	67.17
22 42 39 00-0071	EA	Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X)	921.41	71.64
22 42 39 00-0072	EA	Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S)	837.68	60.44
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0073	EA	Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807)	991.55	60.44
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0074	EA	Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S)	682.58	60.44
		For Hand Spray, Hose And Wall Hooks, Add	*19.32*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*78.39*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0075	EA	Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS)	1,018.60	60.44
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0076	EA	Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS)	1,091.03	60.44
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0077	EA	Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	1,993.21	60.44
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*227.79*	
22 42 39 00-0078	EA	Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	1,744.08	60.44
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0079	EA	Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	887.03	60.44
22 42 39 00-0080	EA	Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS)	1,349.20	60.44
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0081	EA	Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60)	885.87	60.44
22 42 39 00-0082	EA	Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS)	883.31	60.44
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
22 42 39 00-0083	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4)	650.39	53.73
22 42 39 00-0084	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500)	500.70	38.86

22 42 39 00-0085 Service Sink Faucets *(22 42 39)*

22 42 39 00-0086	EA	4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (Kohler® Kinlock™)	368.91	74.55
22 42 39 00-0087	EA	3" Spout, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8340.235)	270.06	74.55
22 42 39 00-0088	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8340.243)	289.21	74.55
22 42 39 00-0089	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012)	299.13	74.55
22 42 39 00-0090	EA	7-1/4" Spout With Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8355.101)	392.84	104.51
22 42 39 00-0091	EA	7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8355.110)	440.74	119.10
22 42 39 00-0092	EA	11" Spout With Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8345.115)	503.14	119.10
22 42 39 00-0093	EA	Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRCF)	297.04	74.55
22 42 39 00-0094	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB)	597.31	119.10

22 42 39 00-0095 Laboratory Faucets And Fittings *(22 42 39)*

22 42 39 00-0096	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	150.14	31.70
22 42 39 00-0097	EA	Hot And Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 929)	243.67	44.78
22 42 39 00-0098	EA	Hot And Cold Faucet With Vacuum Breaker, Single Deck Mount Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 930)	311.90	44.78
22 42 39 00-0099	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933)	196.01	41.82
22 42 39 00-0100	EA	Hot And Cold Wall Mount, 6" Spout With Aerator, Laboratory Faucet (Chicago Faucet 940)	267.21	59.64
22 42 39 00-0101	EA	Hot And Cold Wall Mount, 6" Spout With Aerator And Vacuum Breaker, Laboratory Faucet (Chicago Faucet 940-VBE7-CP)	356.17	59.64
22 42 39 00-0102	EA	Hot And Cold Faucet, Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 946)	284.05	44.78
22 42 39 00-0103	EA	Hot And Cold Wall Mount, Gooseneck Spout With Aerator Laboratory Faucet (Chicago Faucet 942)	283.37	59.64
22 42 39 00-0104	EA	Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP)	184.23	34.44
22 42 39 00-0105	EA	Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP)	259.62	48.64
22 42 39 00-0106	EA	Deck Mount Lavatory Faucet, 4" Center Set, Lever Handles (Chicago Faucet 802)	203.24	48.64
22 42 39 00-0107	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 895-317CP)	245.08	48.64
22 42 39 00-0108	EA	Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	68.89	29.91
22 42 39 00-0109	EA	Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP)	390.93	53.73
22 42 39 00-0110	EA	Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP)	498.42	53.73
22 42 39 00-0111	EA	Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	596.34	53.73
22 42 39 00-0112	EA	Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP)	529.10	53.73
22 42 39 00-0113	EA	Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM)	627.15	53.73
22 42 39 00-0114	EA	Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA)	104.60	29.55
22 42 39 00-0115	EA	90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA)	144.07	35.46
22 42 39 00-0116	EA	180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA)	144.07	35.46
22 42 39 00-0117	EA	Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA)	183.54	41.37
22 42 39 00-0118	EA	Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA)	223.00	47.29

22 42 39 00-0119 Gooseneck Faucets With Independent Eyewash *(22 42 39)*

22 42 39 00-0120	EA	Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA)	630.30	33.58
22 42 39 00-0121	EA	Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL)	681.99	31.34
22 42 39 00-0122	EA	8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8)	878.62	33.58
22 42 39 00-0123	EA	Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST)	927.50	33.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0124	EA	Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW)	1,121.97	22.39
22 42 39 00-0125	EA	Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP)	1,359.78	55.97
22 42 39 00-0126	EA	Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW)	1,893.04	55.97
22 42 39 00-0127	EA	8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW)	1,955.25	55.97
22 42 39 00-0128	EA	Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101)	183.89	34.05
22 42 39 00-0129	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200)	199.85	34.05
22 42 39 00-0130	EA	Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201)	213.79	34.05
22 42 39 00-0131	EA	6 Gallon Capacity, Tempering Valve (WaterSaver AP3600)	848.16	22.39

22 42 39 00-0132 Bubblers And Glass Fillers *(22 42 39)*

22 42 39 00-0133	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP)	257.92	31.70
22 42 39 00-0134	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP)	233.75	41.82
22 42 39 00-0135	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP)	254.53	31.70
22 42 39 00-0136	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP)	164.69	45.44
22 42 39 00-0137	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF)	301.15	34.44
22 42 39 00-0138	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF)	305.05	34.44
22 42 39 00-0139	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427)	255.77	34.44

22 42 39 00-0140 Electronic Infrared Sensor Faucets *(22 42 39)*

22 42 39 00-0141	EA	Electronic Lavatory Faucet (American Standard 6055.205.002)	476.40	74.69
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0142	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002)	480.65	74.69
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0143	EA	Electronic Gooseneck Faucets (Chicago Faucet 116.103.AB.1)	638.97	81.14
22 42 39 00-0144	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1)	663.05	74.69
22 42 39 00-0145	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880)	975.87	81.14
22 42 39 00-0146	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT)	1,215.60	81.14
22 42 39 00-0147	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187)	1,136.99	81.14
22 42 39 00-0148	EA	Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM)	798.94	74.69
22 42 39 00-0149	EA	Electronic Lavatory Faucet, AC Power, Deck Mount (T&S Brass EC1100)	627.41	74.69
22 42 39 00-0150	EA	Electronic Lavatory Faucet, AC Power, Wall Mount (T&S Brass EC1101)	661.02	74.69
22 42 39 00-0151	EA	Electronic Lavatory Faucet, Spout Version, AC Power, Deck Mount (T&S Brass EC1102)	576.98	74.69
22 42 39 00-0152	EA	Electronic Lavatory Faucet, DC Power, Deck Mount (T&S Brass EC2100)	661.02	74.69
22 42 39 00-0153	EA	Electronic Lavatory Faucet, Spout Version, DC Power, Deck Mount (T&S Brass EC2102)	581.66	74.69
22 42 39 00-0154	EA	Electronic Lavatory Gooseneck Faucet, AC Power, Deck Mount (T&S Brass EC3100)	581.66	74.69
22 42 39 00-0155	EA	Electronic Lavatory Gooseneck Faucet, AC Power, Wall Mount (T&S Brass EC3101)	650.78	74.69
22 42 39 00-0156	EA	Electronic Lavatory Faucet, Spout Version, AC Power, Deck Mount (T&S Brass EC3102)	556.90	74.69
22 42 39 00-0157	EA	Electronic Lavatory Faucet, Spout Version, AC Power, 4" Deck Mount (T&S Brass EC3103)	535.70	74.69
22 42 39 00-0158	EA	Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60)	952.18	74.69

22 42 39 00-0159 Removal And Reinstallation Of Fixtures And Trim *(22 42 39)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 39 00-0160	EA	Removal And Reinstallation Of Faucet	77.83	

22 42 43 Flushometers *(22 42)*

22 42 43 00-0001 Water Closet Flush Valves *(22 42 43)*

22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL)	205.30	30.53
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6)	199.46	30.53
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111)	229.10	30.53
22 42 43 00-0005	EA	Concealed Manual Water Closet Flush Valve, Back Spud (Sloan Royal-140)	315.41	30.53
22 42 43 00-0006	EA	Concealed Manual Water Closet Flush Valve, Top Spud (Sloan Royal-142)	348.83	30.53
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S)	623.17	30.53
22 42 43 00-0008	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S)	628.51	30.53
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S)	662.22	30.53
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113)	616.97	30.53
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115) Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.	281.32	30.53
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110)	546.18	30.53
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89AM)	307.51	30.53
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X)	271.38	30.53
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	269.09	26.86
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	291.80	26.86
22 42 43 00-0017	EA	Exposed Infrared Water Closet Flush Valve 1.28 GPF (Toto EcoPower TET1LN)	631.88	30.53
22 42 43 00-0018	EA	Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32)	690.62	30.53
22 42 43 00-0019	EA	Concealed Infrared Water Closet Flush Valve, Back Spud 1.28 GPF (Toto EcoPower TET2LN31 Or TET3LN31)	878.18	30.53
22 42 43 00-0020	EA	Concealed Infrared Water Closet Flush Valve, Top Spud 1.28 GPF (Toto EcoPower TET2LN32 Or TET3LN32)	878.18	30.53
22 42 43 00-0021	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS)	573.60	30.53
22 42 43 00-0022	EA	Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV)	568.65	30.53
22 42 43 00-0023	EA	Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A)	281.92	26.86
22 42 43 00-0024	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	89.10	5.00
22 42 43 00-0025	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	533.85	30.53
22 42 43 00-0026	EA	Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET)	219.85	30.53
22 42 43 00-0027	EA	Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET)	588.51	30.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 43 00-0028		Urinal Flush Valves *(22 42 43)*		
22 42 43 00-0029	EA	Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Sloan Regal 186 XL) Note: 0.5, 1.0 or 1.5 GPF.	190.83	30.53
22 42 43 00-0030	EA	Exposed Manual Urinal Flush Valve, 1-1/4" Top Spud (Sloan Regal 180) Note: 1.0, 1.5 or 3.5 GPF.	204.88	30.53
22 42 43 00-0031	EA	Concealed Manual Urinal Flush Valve, Back Spud (Sloan Royal 195) Note: 1.0 or 1.5 GPF.	272.02	30.53
22 42 43 00-0032	EA	Concealed Manual Urinal Flush Valve, Top Spud (Sloan Royal 197) Note: 1.0 or 1.5 GPF.	327.33	30.53
22 42 43 00-0033	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S) Note: 1.0 or 1.5 GPF.	509.64	30.53
22 42 43 00-0034	EA	Concealed Infrared Urinal Flush Valve, Back Spud (Sloan Royal 195-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	681.74	30.53
22 42 43 00-0035	EA	Concealed Infrared Urinal Flush Valve, Top Spud (Sloan Royal 197-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	763.71	30.53
22 42 43 00-0036	EA	Exposed Battery Powered Urinal Flush Valve, Top Spud (Sloan G2 Opt+8186-1) Note: 1.0 GPF.	501.41	30.53
22 42 43 00-0037	EA	Foot Operated Flush Valve Note: Can be used for water closets.	565.25	30.53
22 42 43 00-0038	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12) Note: 0.5 GPF.	686.84	30.53
22 42 43 00-0039	EA	Exposed Solar/Battery Powered Urinal Flush Valve, Top Spud (Sloan Solis 8186-0.13) Note: 0.13 GPF.	489.08	30.53
22 42 43 00-0040	EA	Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Zurn Z6003AV-ULF) Note: 0.125 GPF.	217.21	30.53
22 42 43 00-0041	EA	Exposed Battery Powered Urinal Flush Valve, Top Spud (Zurn ZTR6203-ULF) Note: 0.125 GPF.	540.05	30.53
22 42 43 00-0042	EA	Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS) Note: 0.125 GPF.	547.50	30.53
22 42 43 00-0043		Removal And Reinstallation Of Fixtures And Trim *(22 42 43)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0044	EA	Removal And Reinstallation Of Flush Valve	121.62	
22 42 43 00-0045		Plumbing Control Transformers *(22 42 43)*		
22 42 43 00-0046	EA	6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	40.54	
22 42 46		**Chemical Toilets** *(22 42)* Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
22 42 46 00-0001		Standard Chemical Toilets *(22 42 46)*		
22 42 46 00-0002		Small Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7,000 Uses/Year	3,737.20	895.51
		For Extra Urinal, Add	*122.98*	
22 42 46 00-0004		Medium Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13,000 Uses/Year	4,440.19	1,066.56
		For Extra Urinal, Add	*145.51*	
22 42 46 00-0006		Large Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28,000 Uses/Year	5,393.94	1,209.84
		For Extra Urinal, Add	*200.92*	
22 43		Healthcare Plumbing Fixtures *(22 40)*		
22 43 13		**Healthcare Water Closets** *(22 43)*		
22 43 13 00-0001		Healthcare Water Closets *(22 43 13)*		
22 43 13 00-0002	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	751.32	93.13
22 43 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA)	588.76	93.13
22 43 16		**Healthcare Sinks** *(22 43)*		
22 43 16 00-0001		Healthcare Sinks *(22 43 16)* Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.		
22 43 16 00-0002	EA	25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,155.88	60.00
22 43 16 00-0003	EA	29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,231.74	172.39
22 43 16 00-0004	EA	28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard)	1,108.01	60.00
		For Painted Bracket Supports, Add	*23.88*	
22 43 16 00-0005	EA	20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard)	964.39	60.00
22 43 16 00-0006		Surgical Scrub Sinks *(22 43 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 16 00-0007	EA	25" Wide x 20" Deep x 43" High Single Surgical Scrub Sink (FHCSS25-IR) Note: Features infra red sensor operated water, under counter mixing valve, swivel gooseneck spout with aerator. Unit will be supported by a z-bracket and main support bracket supplied with the sink.	3,081.54	134.33
22 43 16 00-0008	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCSS32) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	4,708.89	179.10
22 43 16 00-0009	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCSS32-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	4,708.89	179.10
22 43 16 00-0010	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCSS64) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	6,208.10	223.88
22 43 16 00-0011	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCSS64-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	6,208.10	223.88
22 43 16 00-0012	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCSS96) Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	8,091.75	268.65
22 43 16 00-0013	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCSS96-IR) Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support. 14 gauge 304 SS and skirts are 16 gauge 304 SS.	8,091.75	268.65
22 43 16 00-0014	EA	Single Chair Carrier (FHC P-617106-846)	358.59	67.17
22 43 16 00-0015	EA	Double Chair Carrier (FHC P-617106-851)	380.36	71.64
22 43 16 00-0016	EA	Triple Chair Carrier (FHC P-617106-852)	414.95	76.12

22 43 39 Healthcare Faucets *(22 43)*

22 43 39 00-0001 Medical Faucet Spouts *(22 43 39)*

22 43 39 00-0002	EA	Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522)	96.19	13.43

22 43 39 00-0003 Centerset Medical Faucets *(22 43 39)*

22 43 39 00-0004	EA	Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04)	406.51	65.73
22 43 39 00-0005	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04)	410.94	65.73
22 43 39 00-0006	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04)	410.49	65.73
22 43 39 00-0007	EA	Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04)	368.39	65.73
22 43 39 00-0008	EA	Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04)	353.33	65.73

22 43 39 00-0009 Electronic Proximity Medical Faucets *(22 43 39)*

22 43 39 00-0010	EA	DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU)	558.37	65.73

22 43 39 00-0011 Bedpan Washers *(22 43 39)*

22 43 39 00-0012	EA	Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675)	955.31	119.46
22 43 39 00-0013	EA	Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676)	908.92	119.46
22 43 39 00-0014	EA	Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685)	895.17	119.46
22 43 39 00-0015	EA	Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686)	881.81	119.46

22 43 39 00-0016 Foot And Knee Faucet Controls *(22 43 39)*

22 43 39 00-0017	EA	Single Supply Metering Pedal Valve (Chicago Faucet 628)	318.53	119.46
22 43 39 00-0018	EA	Double Supply Metering Pedal Valve (Chicago Faucet 625)	367.45	119.46
22 43 39 00-0019	EA	Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP)	744.57	119.46

22 43 43 Healthcare Plumbing Fixture Flushometers *(22 43)*

22 43 43 00-0001 Healthcare Plumbing Fixture Flushometers *(22 43 43)*

22 43 43 00-0002	EA	Exposed Manual Service Sink Flush Valve (Sloan Royal-117)	218.30	30.53
22 43 43 00-0003	EA	Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW)	497.67	30.53

22 43 46 Healthcare Patient Care Units *(22 43)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 46 00-0001		Patient Care Units *(22 43 46)*		
22 43 46 00-0002	EA	47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV)	11,488.70	179.10
		For SDB Single Temperature Dialysis Box, Add	*825.29*	
		For DDB Dual Temperature Dialysis Box, Add	*876.55*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*677.69*	
		For LOCK Flush Valve Lockout Device, Add	*465.18*	
22 43 46 00-0003	EA	31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB)	9,069.38	156.72
		For SDB Single Temperature Dialysis Box, Add	*825.29*	
		For DDB Dual Temperature Dialysis Box, Add	*876.55*	
		For BWSEV Bedpan Washer With Elevated Valve, Add	*677.69*	
		For LOCK Flush Valve Lockout Device, Add	*465.18*	
22 43 46 00-0004		Patient Care Plumbing Accessories *(22 43 46)*		
22 43 46 00-0005	EA	One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920)	1,089.76	24.33
22 43 46 00-0006	EA	Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919)	1,199.20	24.33
22 45		**Emergency Plumbing Fixtures** *(22 40)*		
22 45 13		**Emergency Showers** *(22 45)*		
22 45 13 00-0001		Emergency Drench Showers *(22 45 13)*		
22 45 13 00-0002		Emergency Drench Showers (Haws) *(22 45 13 00-0001)*		
		Note: Includes one pull rod.		
22 45 13 00-0003	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122)	565.80	156.72
22 45 13 00-0004	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123)	644.12	156.72
22 45 13 00-0005	EA	Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC)	687.63	156.72
22 45 13 00-0006	EA	Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130)	818.17	156.72
22 45 13 00-0007	EA	Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H)	1,087.94	156.72
22 45 13 00-0008	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100)	871.64	179.10
22 45 13 00-0009	EA	Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP)	955.58	201.49
22 45 13 00-0010	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169)	872.91	201.49
22 45 13 00-0011	EA	Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163)	890.31	201.49
22 45 13 00-0012	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164)	1,216.65	201.49
22 45 13 00-0013		Emergency Drench Showers (Speakman) *(22 45 13 00-0001)*		
		Note: Includes one pull rod.		
22 45 13 00-0014	EA	Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220)	484.79	156.72
22 45 13 00-0015	EA	Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227)	497.58	156.72
22 45 13 00-0016	EA	Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253)	757.08	179.10
22 45 13 00-0017		Emergency Drench Showers (Guardian) *(22 45 13 00-0001)*		
		Note: Includes one pull rod.		
22 45 13 00-0018	EA	All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994)	3,268.58	156.72
22 45 13 00-0019		Emergency Drench Showers (WaterSaver) *(22 45 13 00-0001)*		
		Note: Includes one pull rod.		
22 45 13 00-0020	EA	Emergency Shower, Vertically Mounted (WaterSaver ES635)	546.13	156.72
22 45 13 00-0021	EA	Emergency Shower, Horizontally Mounted (WaterSaver ES643)	556.31	156.72
22 45 13 00-0022	EA	All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691)	1,054.66	156.72
22 45 13 00-0023	EA	Emergency Shower, Recess Mounted (WaterSaver ES629)	830.85	201.49
22 45 13 00-0024	EA	Emergency Shower, Semi-Concealed (WaterSaver ES658)	1,061.09	201.49
22 45 16		**Eyewash Equipment** *(22 45)*		
22 45 16 00-0001		Emergency Eyewash Equipment *(22 45 16)*		
22 45 16 00-0002		Emergency Eyewash Equipment (Haws) *(22 45 16 00-0001)*		
22 45 16 00-0003	EA	Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620)	235.21	4.48
22 45 16 00-0004	EA	Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP)	1,147.04	201.49
22 45 16 00-0005		Emergency Eyewash Equipment (WaterSaver) *(22 45 16 00-0001)*		
22 45 16 00-0006	EA	Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805)	456.23	44.78
22 45 16 00-0007	EA	Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH)	456.23	44.78
22 45 16 00-0008	EA	Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806)	463.94	44.78
22 45 16 00-0009	EA	Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH)	463.94	44.78
22 45 16 00-0010	EA	Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822)	605.49	44.78
22 45 16 00-0011	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848)	685.23	44.78
22 45 16 00-0012	EA	Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849)	685.23	44.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 16 00-0013	EA	Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893)	1,241.39	44.78
22 45 16 00-0014	EA	Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH)	1,241.39	44.78
22 45 16 00-0015	EA	Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895)	1,297.50	44.78
22 45 16 00-0016	EA	Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH)	1,297.50	44.78
22 45 16 00-0017	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898)	1,592.76	44.78
22 45 16 00-0018	EA	Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899)	1,592.76	44.78
22 45 16 00-0019	EA	Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808)	895.24	156.72
22 45 16 00-0020	EA	Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810)	884.36	156.72
22 45 16 00-0021	EA	Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814)	669.85	156.72
22 45 16 00-0022	EA	Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC)	896.07	156.72
22 45 16 00-0023	EA	Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P)	589.09	156.72

22 45 23 Personal Eyewash Equipment *(22 45)*

22 45 23 00-0001 Portable Eyewash Equipment *(22 45 23)*

22 45 23 00-0002 Portable Eyewash Equipment (Bradley) *(22 45 23 00-0001)*

22 45 23 00-0003	EA	Portable (Wall Mounted) Heated Gravity-Fed Emergency Eye/Face Wash (Bradley S19-921H)	1,459.55	13.43

22 45 26 Eye/Face Wash Equipment *(22 45)*

22 45 26 00-0001 Emergency Eye/Face Wash Equipment *(22 45 26)*

22 45 26 00-0002 Emergency Eye/Face Wash Equipment (Haws) *(22 45 26 00-0001)*

22 45 26 00-0003	EA	Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460) Note: Excludes p-trap and tailpiece.	602.43	111.94
22 45 26 00-0004	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324)	613.66	156.72
22 45 26 00-0005	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B) Note: Excludes p-trap and tailpiece.	600.61	156.72
22 45 26 00-0006	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT) Note: Excludes p-trap and tailpiece.	651.95	156.72
22 45 26 00-0007	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B) Note: Excludes p-trap and tailpiece.	657.17	156.72
22 45 26 00-0008	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT) Note: Excludes p-trap and tailpiece.	718.96	156.72
22 45 26 00-0009	EA	Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC)	966.11	156.72
22 45 26 00-0010	EA	Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B)	1,792.84	156.72
22 45 26 00-0011	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271)	749.81	179.10
22 45 26 00-0012	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461)	849.89	179.10
22 45 26 00-0013	EA	Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777)	1,859.36	179.10
22 45 26 00-0014	EA	Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611)	494.21	44.78
22 45 26 00-0015	EA	Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612)	476.81	44.78
22 45 26 00-0016	EA	Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH)	498.56	44.78
22 45 26 00-0017	EA	Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610)	624.75	44.78
22 45 26 00-0018	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC)	1,544.26	223.88
22 45 26 00-0019	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM)	1,850.66	179.10
22 45 26 00-0020	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC)	1,909.76	223.88
22 45 26 00-0021	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM)	2,224.86	179.10

22 45 26 00-0022 Emergency Eye/Face Wash Equipment (Speakman) *(22 45 26 00-0001)*

22 45 26 00-0023	EA	Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495)	538.11	156.72
22 45 26 00-0024	EA	Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496)	654.69	179.10

22 45 26 00-0025 Emergency Eye/Face Wash Equipment (WaterSaver) *(22 45 26 00-0001)*

22 45 26 00-0026	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724)	811.81	156.72
22 45 26 00-0027	EA	Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC)	1,038.03	156.72
22 45 26 00-0028	EA	Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727)	1,009.27	156.72
22 45 26 00-0029	EA	Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765)	940.65	156.72
22 45 26 00-0030	EA	Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774)	478.68	44.78
22 45 26 00-0031	EA	Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH)	478.68	44.78
22 45 26 00-0032	EA	Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775)	465.29	44.78
22 45 26 00-0033	EA	Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH)	465.29	44.78
22 45 26 00-0034	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778)	695.29	44.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 26 00-0035	EA	Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779)	695.29	44.78

22 45 29 Hand-Held Emergency Drench Hoses *(22 45)*

22 45 29 00-0001 Hand-Held Emergency Eye/Face/Body Wash With Hose *(22 45 29)*

22 45 29 00-0002 Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) *(22 45 29 00-0001)*

22 45 29 00-0003	EA	Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904)	529.66	55.97
22 45 29 00-0004	EA	Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905)	607.98	55.97

22 45 29 00-0005 Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver) *(22 45 29 00-0001)*

22 45 29 00-0006	EA	Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020)	381.72	55.97
22 45 29 00-0007	EA	Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025)	354.86	55.97
22 45 29 00-0008	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014)	512.93	55.97
22 45 29 00-0009	EA	Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022)	483.03	55.97
22 45 29 00-0010	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026)	493.74	55.97
22 45 29 00-0011	EA	Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028)	634.70	55.97
22 45 29 00-0012	EA	Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB)	728.45	55.97
22 45 29 00-0013	EA	Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041)	696.66	55.97

22 45 33 Combination Emergency Fixture Units *(22 45)*

22 45 33 00-0001 Emergency Shower With Eye/Face Wash *(22 45 33)*

22 45 33 00-0002 Emergency Shower With Eye/Face Wash (Haws) *(22 45 33 00-0001)*

22 45 33 00-0003	EA	Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330)	3,127.53	291.05
22 45 33 00-0004	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP) Note: Includes freeze protection bury valve.	2,135.46	291.05
22 45 33 00-0005	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309)	1,504.53	291.05
22 45 33 00-0006	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158)	2,361.72	291.05
22 45 33 00-0007	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP)	1,748.20	291.05
22 45 33 00-0008	EA	Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC)	1,648.12	291.05
22 45 33 00-0009	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317)	1,417.51	291.05
22 45 33 00-0010	EA	Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336)	2,283.40	291.05
22 45 33 00-0011	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC)	2,496.61	291.05
22 45 33 00-0012	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW)	2,544.47	291.05
22 45 33 00-0013	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC)	2,836.00	291.05
22 45 33 00-0014	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD)	3,005.70	291.05
22 45 33 00-0015	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW)	2,957.84	291.05
22 45 33 00-0016	EA	Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP)	4,393.73	291.05
22 45 33 00-0017	EA	Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V)	4,628.70	291.05
22 45 33 00-0018	EA	Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1)	9,719.60	291.05
22 45 33 00-0019	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325)	1,417.51	291.05
22 45 33 00-0020	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP)	1,595.91	291.05

22 45 33 00-0021 Emergency Shower With Eye/Face Wash (Speakman) *(22 45 33 00-0001)*

22 45 33 00-0022	EA	Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690)	1,237.64	291.05

22 45 33 00-0023 Emergency Shower With Eye/Face Wash (WaterSaver) *(22 45 33 00-0001)*

22 45 33 00-0024	EA	All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994)	3,287.95	243.23
22 45 33 00-0025	EA	Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC)	3,356.13	243.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0026	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902)	1,434.76	243.23
22 45 33 00-0027	EA	Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P)	1,328.69	243.23
22 45 33 00-0028	EA	Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC)	1,660.97	243.23

22 45 36 Emergency Fixture Water-Tempering Equipment *(22 45)*

22 45 36 00-0001 Emergency Fixture Water-Tempering Equipment *(22 45 36)*

22 45 36 00-0002 Emergency Fixture Water-Tempering Equipment (Haws) *(22 45 36 00-0001)*

22 45 36 00-0003	EA	10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW)	560.11	55.97
22 45 36 00-0004	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE)	816.83	55.97
22 45 36 00-0005	EA	31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E)	1,195.39	55.97
22 45 36 00-0006	EA	78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E)	1,408.60	55.97
22 45 36 00-0007	EA	31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)	1,991.66	55.97
22 45 36 00-0008	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE)	2,100.44	55.97
22 45 36 00-0009	EA	74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE)	3,523.28	55.97
22 45 36 00-0010	EA	78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF)	4,232.53	55.97
22 45 36 00-0011	EA	1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	625.38	55.97

22 45 39 Emergency Plumbing Fixture Accessories *(22 45)*

22 45 39 00-0001 Emergency Plumbing Fixture Accessories *(22 45 39)*

22 45 39 00-0002 Emergency Plumbing Fixture Accessories (Haws) *(22 45 39 00-0001)*

22 45 39 00-0003	EA	Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220)	144.60	17.91
22 45 39 00-0004	EA	Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	201.17	17.91
22 45 39 00-0005	EA	Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS)	209.87	17.91
22 45 39 00-0006	EA	Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS)	230.99	6.72
22 45 39 00-0007	EA	Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102)	235.21	4.48
22 45 39 00-0008	EA	3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020)	257.23	8.95
22 45 39 00-0009	EA	Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK)	460.67	67.17
22 45 39 00-0010	EA	Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)	468.94	29.97
22 45 39 00-0011	EA	Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT)	695.21	29.97
22 45 39 00-0012	EA	Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037)	816.83	67.17
22 45 39 00-0013	EA	Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)	1,543.69	29.97
22 45 39 00-0014	EA	1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5)	1,722.70	99.89
22 45 39 00-0015	EA	1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001)	1,757.51	99.89
22 45 39 00-0016	EA	1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	3,245.62	99.89
22 45 39 00-0017	EA	1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	6,160.92	99.89

22 45 39 00-0018 Emergency Plumbing Fixture Accessories (Speakman) *(22 45 39 00-0001)*

22 45 39 00-0019	EA	Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.	778.87	67.17

22 45 39 00-0020 Emergency Plumbing Fixture Accessories (WaterSaver) *(22 45 39 00-0001)*

22 45 39 00-0021	EA	Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC)	100.97	14.59

22 47 Drinking Fountains And Water Coolers *(22 40)*

22 47 13 Drinking Fountains *(22 47)*

22 47 13 00-0001 Indoor Drinking Fountains *(22 47 13)*

22 47 13 00-0002 Face Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*

22 47 13 00-0003	EA	Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	1,487.69	145.52
22 47 13 00-0004	EA	Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	2,159.44	156.72
22 47 13 00-0005	EA	Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	1,954.47	145.52
22 47 13 00-0006	EA	Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	2,327.54	156.72
22 47 13 00-0007	EA	Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	1,003.28	145.52
22 47 13 00-0008	EA	Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,197.41	156.72
22 47 13 00-0009	EA	Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,132.41	145.52
22 47 13 00-0010	EA	Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,371.97	156.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0011		**Wall Mounted Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0012	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	1,033.75	156.72
22 47 13 00-0013	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF)	1,460.00	156.72
22 47 13 00-0014	EA	Bi-Level, Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8BLWF)	1,996.35	156.72
22 47 13 00-0015		**Semi-Recessed Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0016	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	1,382.97	167.91
22 47 13 00-0017	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	2,941.57	167.91
22 47 13 00-0018		**Fully Recessed Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0019	EA	Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	1,479.20	179.10
22 47 13 00-0020	EA	Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	2,674.94	179.10
22 47 13 00-0021		**Countertop Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0022	EA	Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	619.16	111.94
22 47 13 00-0023	EA	Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	596.65	111.94
22 47 13 00-0024	EA	Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	720.00	111.94
22 47 13 00-0025		**Bowl And Bracket Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0026	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	525.52	111.94
22 47 13 00-0027	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	630.08	111.94
22 47 13 00-0028		**Multi-Station Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0029	EA	Stainless Steel Two Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	2,778.49	179.10
22 47 13 00-0030	EA	Stainless Steel Three Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	3,487.97	179.10
22 47 13 00-0031	EA	Marblyte, Face-Mounted Two Station Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	2,651.44	179.10
22 47 13 00-0032	EA	White Enameled Iron Two Station Indoor Drinking Fountains With Bubblers (Haws 1430)	2,240.05	179.10
22 47 13 00-0033	EA	White Enameled Iron Three Station Indoor Drinking Fountains With Bubblers (Haws 1435)	2,814.50	179.10
22 47 13 00-0034	EA	Stainless Steel, Bi-Level Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	2,461.93	228.47
22 47 13 00-0035	EA	Cast Aluminum Two Station Indoor Drinking Fountains With Bubblers (Haws 1441)	3,193.96	179.10
22 47 13 00-0036	EA	Cast Aluminum Three Station Indoor Drinking Fountains With Bubblers (Haws 1408)	3,139.32	179.10
22 47 13 00-0037		**Outdoor Drinking Fountains** *(22 47 13)*		
22 47 13 00-0038		**Face Mounted Outdoor Drinking Fountains** *(22 47 13 00-0037)*		
22 47 13 00-0039	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR)	1,294.48	179.10
22 47 13 00-0040	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR)	1,416.74	179.10
22 47 13 00-0041	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592)	1,363.65	179.10
22 47 13 00-0042	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR)	1,989.45	179.10
22 47 13 00-0043		**Free Standing Outdoor Drinking Fountains** *(22 47 13 00-0037)*		
22 47 13 00-0044	EA	Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715)	2,435.18	167.91
22 47 13 00-0045	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR)	3,410.88	167.91
22 47 13 00-0046	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710)	2,431.94	167.91
22 47 13 00-0047	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR)	3,348.56	167.91
22 47 13 00-0048	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720)	3,609.43	179.10
22 47 13 00-0049	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR)	3,674.58	179.10
22 47 13 00-0050	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591)	1,379.86	167.91
22 47 13 00-0051	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590)	2,364.40	167.91
22 47 13 00-0052	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR)	3,340.09	167.91
22 47 13 00-0053	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595)	3,928.76	179.10
22 47 13 00-0054	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR)	5,503.70	179.10
22 47 16		**Pressure Water Coolers** *(22 47)*		
22 47 16 00-0001		**Indoor Water Coolers** *(22 47 16)*		
22 47 16 00-0002		**Face Mounted Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	2,791.39	179.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	2,978.81	179.10
22 47 16 00-0005		**Wall Mounted Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	1,339.52	179.10
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	1,387.78	179.10
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	1,539.00	179.10
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	1,596.92	179.10
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	1,188.30	179.10
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	1,373.30	179.10
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,084.54	179.10
22 47 16 00-0013	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	1,814.64	268.65
22 47 16 00-0014	EA	Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubbler, (Halsey-Taylor HAC8VR-BL)	1,621.31	179.10
22 47 16 00-0015		**Simulated Recessed Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0016	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	1,593.56	179.10
22 47 16 00-0017		**Fully Recessed Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	3,079.06	201.49
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	3,756.06	201.49
22 47 16 00-0020	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700)	4,392.64	201.49
22 47 16 00-0021		**Free Standing Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	1,289.11	156.72
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	1,383.22	156.72
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	1,567.42	156.72
22 47 16 00-0025	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	1,741.97	156.72
22 47 16 00-0026		**Bottled Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	450.42	89.55
22 47 16 00-0028	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	536.86	89.55
22 47 16 00-0029		**Multi-Station Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	3,089.55	268.65
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	4,711.95	268.65
22 47 16 00-0032	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	1,965.05	268.65
22 47 16 00-0033		**Outdoor Water Coolers** *(22 47 16)*		
22 47 16 00-0034		**Wall Mounted Outdoor Water Coolers** *(22 47 16 00-0033)*		
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	1,380.90	111.94
22 47 16 00-0036	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	2,366.70	111.94
22 47 16 00-0037		**Free Standing Outdoor Water Coolers** *(22 47 16 00-0033)*		
22 47 16 00-0038	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	2,276.72	167.91
22 47 16 00-0039	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	2,727.17	167.91
22 47 16 00-0040		**Removal And Reinstallation Of Fixtures And Trim** *(22 47 16)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0041	EA	Removal And Reinstallation Of Wall Hung Water Cooler	435.84	
22 47 16 00-0042	EA	Removal And Reinstallation Of Floor Mount Water Cooler	97.29	
22 47 19		**Water-Station Water Coolers** *(22 47)*		
22 47 19 00-0001		**Bottle Filler** *(22 47 19)*		
22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF)	3,288.27	179.10
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK)	4,157.71	179.10
		For Stainless Steel Carrier, Add	*205.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 19 00-0004	EA	Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)	5,335.18	201.49
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0005	EA	Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)	5,763.69	201.49
		For Stainless Steel Carrier, Add	*205.00*	
22 47 19 00-0006	EA	Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)	6,192.19	201.49
		For Stainless Steel Carrier, Add	*205.00*	

22 47 23 Remote Water Coolers *(22 47)*

22 47 23 00-0001 Remote Chillers *(22 47 23)*

22 47 23 00-0002	EA	1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q)	794.95	60.44
22 47 23 00-0003	EA	5 GPH Remote Chiller (Halsey-Taylor SJ5-Q)	1,205.73	67.17
22 47 23 00-0004	EA	8 GPH Remote Chiller (Halsey-Taylor SJ8-Q)	1,038.30	78.35
22 47 23 00-0005	EA	10 GPH Remote Chiller (Halsey-Taylor SJ10-Q)	1,334.97	89.55
22 47 23 00-0006	EA	19 GPH Remote Chiller (Halsey-Taylor SJ19-Q)	2,090.54	134.33
22 47 23 00-0007	EA	30 GPH Remote Chiller (Halsey-Taylor SJ30-Q)	2,266.55	145.52

22 47 26 Fixture Carriers *(22 47)*

22 47 26 00-0001 Water Cooler Carriers *(22 47 26)*

22 47 26 00-0002 Floor Mounted, Water Cooler Carriers *(22 47 26 00-0001)*

Note: Includes adjustable supporting rods, structural uprights and welded feet.

22 47 26 00-0003	EA	Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	365.02	34.03
		For Up To 4" Extension Sleeves And Hardware, Add	*16.77*	
		For Bi-Level Carrier, Add	*197.27*	
22 47 26 00-0004	EA	Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	395.36	34.03
		For Up To 4" Extension Sleeves And Hardware, Add	*16.77*	
		For Bi-Level Carrier, Add	*197.27*	

22 50 Pool And Fountain Plumbing Systems *(22)*

22 51 Swimming Pool Plumbing Systems *(22 50)*

22 51 13 Swimming Pool Piping *(22 51)*

22 51 13 00-0001 Swimming Pool Gutters *(22 51 13)*

22 51 13 00-0002	LF	Swimming Pool Gutters, Stainless	251.85	20.15

22 51 19 Swimming Pool Water Treatment Equipment *(22 51)*

22 51 19 00-0001 Swimming Pool Heaters *(22 51 19)*

Note: Excludes wiring, external piping, base or pad. Commercial pools.

22 51 19 00-0002 Electric Pool Heaters *(22 51 19 00-0001)*

22 51 19 00-0003	EA	12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool	5,432.47	179.10
22 51 19 00-0004	EA	18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool	6,088.96	192.53
22 51 19 00-0005	EA	24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool	6,742.09	223.88
22 51 19 00-0006	EA	30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool	7,069.55	268.65
22 51 19 00-0007	EA	36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool	7,605.96	376.12
22 51 19 00-0008	EA	60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool	8,491.78	537.31

22 51 19 00-0009 Gas Fired Pool Heaters *(22 51 19 00-0001)*

22 51 19 00-0010	EA	120 MBH Output Gas Fired Pool Heater	4,614.93	842.21
22 51 19 00-0011	EA	180 MBH Output Gas Fired Pool Heater	5,243.39	962.53
22 51 19 00-0012	EA	240 MBH Output Gas Fired Pool Heater	5,923.61	1,082.83
22 51 19 00-0013	EA	300 MBH Output Gas Fired Pool Heater	6,835.44	1,323.46
22 51 19 00-0014	EA	360 MBH Output Gas Fired Pool Heater	7,045.67	1,395.84
22 51 19 00-0015	EA	400 MBH Output Gas Fired Pool Heater	8,209.36	1,684.76
22 51 19 00-0016	EA	500 MBH Output Gas Fired Pool Heater	12,773.19	1,943.96
22 51 19 00-0017	EA	600 MBH Output Gas Fired Pool Heater	14,788.27	2,138.35
22 51 19 00-0018	EA	750 MBH Output Gas Fired Pool Heater	16,660.57	2,332.75
22 51 19 00-0019	EA	1,000 MBH Output Gas Fired Pool Heater	21,314.83	2,753.94

22 51 19 00-0020 Surge Tanks *(22 51 19)*

Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.

22 51 19 00-0021	EA	1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	12,510.55	687.92
22 51 19 00-0022	EA	1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	13,960.78	687.92
22 51 19 00-0023	EA	2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	16,866.96	865.65
22 51 19 00-0024	EA	5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	22,580.88	1,397.07

22 51 19 00-0025 Diatomite Type Filter System *(22 51 19)*

22 51 19 00-0026	EA	35,000 Gallon Filter System, Diatomite	12,874.14	2,331.81
22 51 19 00-0027	EA	45,000 Gallon Filter System, Diatomite	15,296.69	2,798.17

22 51 19 00-0028 Silver Recovery System, X-Ray Film Processing *(22 51 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0029	EA	20 Gallon/Day Capacity, Silver Recovery System	2,318.66	304.03
22 51 19 00-0030	EA	40 Gallon/Day Capacity, Silver Recovery System	3,454.40	405.42

22 51 19 00-0031 Inline Water Filter *(22 51 19)*

Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.

22 51 19 00-0032	EA	2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body	272.41	89.55
22 51 19 00-0033	EA	6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	557.69	134.33

22 51 19 00-0034 Ultra-Violet Pool Treatment Lights *(22 51 19)*

22 51 19 00-0035 Stainless Steel Ultra-Violet Pool Treatment Lights *(22 51 19 00-0034)*

Note: Delta ELP Amalgam Series

22 51 19 00-0036	EA	3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	9,069.77	279.32
22 51 19 00-0037	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	9,582.79	279.32
22 51 19 00-0038	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	10,022.53	279.32
22 51 19 00-0039	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	10,342.22	295.66
22 51 19 00-0040	EA	4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	10,560.14	295.66
22 51 19 00-0041	EA	4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	12,538.89	295.66
22 51 19 00-0042	EA	6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	14,855.98	519.14
22 51 19 00-0043	EA	6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	21,936.28	519.14
22 51 19 00-0044	EA	6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	24,063.42	519.14
22 51 19 00-0045	EA	8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	25,829.77	622.79
22 51 19 00-0046	EA	8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	27,724.51	622.79
22 51 19 00-0047	EA	8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	29,047.27	622.79
22 51 19 00-0048	EA	8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	30,477.27	622.79
22 51 19 00-0049	EA	10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	32,750.37	707.91
22 51 19 00-0050	EA	10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	35,252.88	707.91
22 51 19 00-0051	EA	10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	37,755.38	707.91
22 51 19 00-0052	EA	10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	40,794.13	707.91

22 51 19 00-0053 HDPE Ultra-Violet Pool Treatment Lights *(22 51 19 00-0034)*

Note: Delta EL Series

22 51 19 00-0054	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	4,574.23	279.32
22 51 19 00-0055	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	5,074.71	279.32
22 51 19 00-0056	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	5,599.83	295.66

22 51 19 00-0057 In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights *(22 51 19 00-0034)*

Note: Delta EM Series

22 51 19 00-0058	EA	3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,444.23	279.32
22 51 19 00-0059	EA	3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,622.97	279.32
22 51 19 00-0060	EA	6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	18,886.82	519.14
22 51 19 00-0061	EA	6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	23,870.36	519.14
22 51 19 00-0062	EA	8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	33,265.78	622.79
22 51 19 00-0063	EA	10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	37,540.89	707.91
22 51 19 00-0064	EA	12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	44,291.92	916.08
22 51 19 00-0065	EA	12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	49,654.41	916.08

22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities *(22)*

22 63 Gas Systems For Laboratory And Healthcare Facilities *(22 60)*

22 63 13 Gas Piping For Laboratory And Healthcare Facilities *(22 63)*

22 63 13 53 Laboratory Gas Piping *(22 63 13)*

See CSI section 23 21 13 23-0001 for black steel pipe, 23 21 13 23-2177 for PVC piping.

22 63 13 70 Healthcare Gas Piping *(22 63 13)*

22 63 13 70-0001 Zone Valve Assemblies *(22 63 13 70)*

22 63 13 70-0002 Single Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0003	EA	1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-05)	306.85	71.10
22 63 13 70-0004	EA	3/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-07)	328.42	77.11
22 63 13 70-0005	EA	1" Single Zone Valve Assembly With Gauge (Amico VBU-M-10)	349.38	82.03
22 63 13 70-0006	EA	1-1/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-12)	391.48	89.55
22 63 13 70-0007	EA	1-1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-15)	444.19	95.01
22 63 13 70-0008	EA	2" Single Zone Valve Assembly With Gauge (Amico VBU-M-20)	542.59	102.54

22 63 13 70-0009 Double Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0010	EA	1/2" x 1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0505)	438.90	101.90
22 63 13 70-0011	EA	1/2" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0507)	460.46	107.91
22 63 13 70-0012	EA	1/2" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0510)	485.27	112.74
22 63 13 70-0013	EA	1/2" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0512)	533.78	120.36
22 63 13 70-0014	EA	1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0515)	592.90	125.82
22 63 13 70-0015	EA	3/4" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0707)	480.75	113.91
22 63 13 70-0016	EA	3/4" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0710)	505.55	118.84
22 63 13 70-0017	EA	3/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0712)	555.34	126.35
22 63 13 70-0018	EA	3/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0715)	590.11	131.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 63 13 70-0019	EA	1" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-1010)	525.23	123.67
22 63 13 70-0020	EA	1" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1012)	557.09	131.28
22 63 13 70-0021	EA	1" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1015)	612.36	136.75
22 63 13 70-0022	EA	1-1/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1212)	635.07	138.81
22 63 13 70-0023	EA	1-1/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1215)	659.58	144.36
22 63 13 70-0024	EA	1-1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1515)	718.70	149.82

22 63 13 70-0025 Triple Zone Valve Assemblies *(22 63 13 70-0001)*

22 63 13 70-0026	EA	1/2" x 1/2" x 1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050505)	594.02	132.63
22 63 13 70-0027	EA	1/2" x 1/2" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050507)	615.58	138.72
22 63 13 70-0028	EA	1/2" x 1/2" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050510)	640.39	143.55
22 63 13 70-0029	EA	1/2" x 1/2" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050512)	690.18	151.16
22 63 13 70-0030	EA	1/2" x 1/2" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050515)	750.58	156.63
22 63 13 70-0031	EA	1/2" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050707)	638.43	144.71
22 63 13 70-0032	EA	1/2" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050710)	663.23	149.55
22 63 13 70-0033	EA	1/2" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050712)	711.75	157.16
22 63 13 70-0034	EA	1/2" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050715)	772.15	162.62
22 63 13 70-0035	EA	1/2" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051010)	688.04	154.47
22 63 13 70-0036	EA	1/2" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051012)	736.56	162.09
22 63 13 70-0037	EA	1/2" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051015)	796.95	167.55
22 63 13 70-0038	EA	3/4" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070707)	660.00	150.72
22 63 13 70-0039	EA	3/4" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070710)	684.80	155.64
22 63 13 70-0040	EA	3/4" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070712)	733.31	163.16
22 63 13 70-0041	EA	3/4" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070715)	793.71	168.63
22 63 13 70-0042	EA	3/4" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071010)	709.61	160.48
22 63 13 70-0043	EA	3/4" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071012)	758.12	168.08
22 63 13 70-0044	EA	3/4" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071015)	817.24	173.55
22 63 13 70-0045	EA	1" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-1010110)	701.10	165.40
22 63 13 70-0046	EA	1" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101012)	748.33	172.92
22 63 13 70-0047	EA	1" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101015)	843.32	178.48

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities *(22 60)*

22 66 53 Laboratory Chemical-Waste And Vent Piping *(22 66)*

22 66 53 00-0001 Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

22 66 53 00-0002 Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings *(22 66 53 00-0001)*

22 66 53 00-0003 Schedule 40 Polypropylene Acid Resistant DWV Pipe *(22 66 53 00-0002)*

22 66 53 00-0004	LF	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	13.11	5.10
		For Schedule 80, Add	*2.82*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*2.41*	
		For Work In Restricted Working Space, Add	*2.31*	
22 66 53 00-0005	LF	2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	15.98	5.73
		For Schedule 80, Add	*3.81*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*3.26*	
		For Work In Restricted Working Space, Add	*2.60*	
22 66 53 00-0006	LF	3" Schedule 40 Polypropylene Acid Resistant DWV Pipe	25.76	8.33
		For Schedule 80, Add	*6.88*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*5.89*	
		For Work In Restricted Working Space, Add	*3.76*	
22 66 53 00-0007	LF	4" Schedule 40 Polypropylene Acid Resistant DWV Pipe	35.07	10.84
		For Schedule 80, Add	*9.77*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*8.36*	
		For Work In Restricted Working Space, Add	*4.88*	
22 66 53 00-0008	LF	6" Schedule 40 Polypropylene Acid Resistant DWV Pipe	57.75	15.94
		For Schedule 80, Add	*17.61*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*15.07*	
		For Work In Restricted Working Space, Add	*7.16*	

22 66 53 00-0009 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends *(22 66 53 00-0002)*

22 66 53 00-0010	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	50.74	19.26
		For Work In Restricted Working Space, Add	*8.66*	
22 66 53 00-0011	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	65.26	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 66 53 00-0012	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	89.77	29.11
		For Work In Restricted Working Space, Add	*13.10*	
22 66 53 00-0013	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	131.15	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 66 53 00-0014	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	265.61	56.86
		For Work In Restricted Working Space, Add	*25.58*	

22 66 53 00-0015 Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends *(22 66 53 00-0002)*

22 66 53 00-0016	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	50.37	19.26
		For Work In Restricted Working Space, Add	*8.66*	
22 66 53 00-0017	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	64.27	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 66 53 00-0018	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	91.66	29.11
		For Work In Restricted Working Space, Add	*13.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0019	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	112.19	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 66 53 00-0020	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	236.22	56.86
		For Work In Restricted Working Space, Add	*25.58*	

22 66 53 00-0021 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees *(22 66 53 00-0002)*

22 66 53 00-0022	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	88.91	41.20
		For Work In Restricted Working Space, Add	*18.53*	
22 66 53 00-0023	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	110.40	51.94
		For Work In Restricted Working Space, Add	*23.36*	
22 66 53 00-0024	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	150.36	56.86
		For Work In Restricted Working Space, Add	*25.58*	
22 66 53 00-0025	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	209.39	74.69
		For Work In Restricted Working Space, Add	*33.58*	
22 66 53 00-0026	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	372.90	119.46
		For Work In Restricted Working Space, Add	*53.73*	

22 66 53 00-0027 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees *(22 66 53 00-0002)*

22 66 53 00-0028	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	110.35	51.94
		For Work In Restricted Working Space, Add	*23.36*	
22 66 53 00-0029	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	145.81	56.86
		For Work In Restricted Working Space, Add	*25.58*	
22 66 53 00-0030	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	141.78	56.86
		For Work In Restricted Working Space, Add	*25.58*	
22 66 53 00-0031	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	199.03	74.69
		For Work In Restricted Working Space, Add	*33.58*	
22 66 53 00-0032	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	202.94	74.69
		For Work In Restricted Working Space, Add	*33.58*	
22 66 53 00-0033	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	344.06	119.46
		For Work In Restricted Working Space, Add	*53.73*	

22 66 53 00-0034 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug *(22 66 53 00-0002)*

22 66 53 00-0035	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	102.17	41.20
		For Work In Restricted Working Space, Add	*18.53*	
22 66 53 00-0036	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	113.60	51.94
		For Work In Restricted Working Space, Add	*23.36*	
22 66 53 00-0037	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	160.17	56.86
		For Work In Restricted Working Space, Add	*25.58*	
22 66 53 00-0038	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	213.91	74.69
		For Work In Restricted Working Space, Add	*33.58*	
22 66 53 00-0039	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	316.98	119.46
		For Work In Restricted Working Space, Add	*53.73*	

22 66 53 00-0040 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes *(22 66 53 00-0002)*

22 66 53 00-0041	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	96.35	41.20
		For Work In Restricted Working Space, Add	*18.53*	
22 66 53 00-0042	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	117.29	51.94
		For Work In Restricted Working Space, Add	*23.36*	
22 66 53 00-0043	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	154.46	56.86
		For Work In Restricted Working Space, Add	*25.58*	
22 66 53 00-0044	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	212.79	74.69
		For Work In Restricted Working Space, Add	*33.58*	
22 66 53 00-0045	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	435.13	119.46
		For Work In Restricted Working Space, Add	*53.73*	

22 66 53 00-0046 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes *(22 66 53 00-0002)*

22 66 53 00-0047	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	126.40	51.94
		For Work In Restricted Working Space, Add	*23.36*	
22 66 53 00-0048	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	149.79	56.86
		For Work In Restricted Working Space, Add	*25.58*	
22 66 53 00-0049	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	149.79	56.86
		For Work In Restricted Working Space, Add	*25.58*	
22 66 53 00-0050	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	208.75	74.69
		For Work In Restricted Working Space, Add	*33.58*	
22 66 53 00-0051	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	208.75	74.69
		For Work In Restricted Working Space, Add	*33.58*	
22 66 53 00-0052	EA	6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	381.53	119.46
		For Work In Restricted Working Space, Add	*53.73*	
22 66 53 00-0053	EA	6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	384.67	119.46
		For Work In Restricted Working Space, Add	*53.73*	
22 66 53 00-0054	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	345.38	119.46
		For Work In Restricted Working Space, Add	*53.73*	

22 66 53 00-0055 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses *(22 66 53 00-0002)*

22 66 53 00-0056	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	119.76	51.49
		For Work In Restricted Working Space, Add	*23.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0057	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	148.33	64.92
		For Work In Restricted Working Space, Add	*29.20*	
22 66 53 00-0058	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	208.63	71.10
		For Work In Restricted Working Space, Add	*31.98*	
22 66 53 00-0059	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	292.68	93.31
		For Work In Restricted Working Space, Add	*41.98*	
22 66 53 00-0060	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	527.69	149.28
		For Work In Restricted Working Space, Add	*67.16*	

22 66 53 00-0061 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends *(22 66 53 00-0002)*

22 66 53 00-0062	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	86.48	41.20
		For Work In Restricted Working Space, Add	*18.53*	
22 66 53 00-0063	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	113.99	51.94
		For Work In Restricted Working Space, Add	*23.36*	
22 66 53 00-0064	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	131.50	56.86
		For Work In Restricted Working Space, Add	*25.58*	
22 66 53 00-0065	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	183.82	74.69
		For Work In Restricted Working Space, Add	*33.58*	
22 66 53 00-0066	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	103.24	51.94
		For Work In Restricted Working Space, Add	*23.36*	
22 66 53 00-0067	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	127.18	56.86
		For Work In Restricted Working Space, Add	*25.58*	
22 66 53 00-0068	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	128.91	56.86
		For Work In Restricted Working Space, Add	*25.58*	
22 66 53 00-0069	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	177.39	74.69
		For Work In Restricted Working Space, Add	*33.58*	
22 66 53 00-0070	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	178.49	74.69
		For Work In Restricted Working Space, Add	*33.58*	

22 66 53 00-0071 Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps *(22 66 53 00-0002)*

22 66 53 00-0072	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	102.65	47.82
		For Work In Restricted Working Space, Add	*21.49*	
22 66 53 00-0073	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	136.94	62.87
		For Work In Restricted Working Space, Add	*28.28*	
22 66 53 00-0074	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	211.86	85.35
		For Work In Restricted Working Space, Add	*38.38*	
22 66 53 00-0075	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	303.86	108.63
		For Work In Restricted Working Space, Add	*48.85*	

22 66 53 00-0076 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters *(22 66 53 00-0002)*

22 66 53 00-0077	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	49.71	19.26
		For Work In Restricted Working Space, Add	*8.66*	
22 66 53 00-0078	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	59.82	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 66 53 00-0079	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	70.55	29.11
		For Work In Restricted Working Space, Add	*13.10*	
22 66 53 00-0080	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	96.50	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 66 53 00-0081	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	143.27	56.86
		For Work In Restricted Working Space, Add	*25.58*	

22 66 53 00-0082 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters *(22 66 53 00-0002)*

22 66 53 00-0083	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	47.10	19.26
		For Work In Restricted Working Space, Add	*8.66*	
22 66 53 00-0084	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	61.79	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 66 53 00-0085	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	74.17	29.11
		For Work In Restricted Working Space, Add	*13.10*	
22 66 53 00-0086	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	100.05	38.50
		For Work In Restricted Working Space, Add	*17.33*	

22 66 53 00-0087 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings *(22 66 53 00-0002)*

22 66 53 00-0088	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	43.85	19.26
		For Work In Restricted Working Space, Add	*8.66*	
22 66 53 00-0089	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	55.95	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 66 53 00-0090	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	65.34	29.11
		For Work In Restricted Working Space, Add	*13.10*	
22 66 53 00-0091	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	86.42	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 66 53 00-0092	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	126.92	56.86
		For Work In Restricted Working Space, Add	*25.58*	

22 66 53 00-0093 Glass Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

22 66 53 00-0094 Glass Acid Resistant DWV Pipe *(22 66 53 00-0093)*

22 66 53 00-0095	LF	1-1/2" Glass Acid Resistant DWV Pipe	19.86	4.93
		For Work In Restricted Working Space, Add	*2.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0096	LF	2" Glass Acid Resistant DWV Pipe	24.38	5.37
		For Work In Restricted Working Space, Add	*3.22*	
22 66 53 00-0097	LF	3" Glass Acid Resistant DWV Pipe	33.82	7.53
		For Work In Restricted Working Space, Add	*4.53*	
22 66 53 00-0098	LF	4" Glass Acid Resistant DWV Pipe	53.60	9.76
		For Work In Restricted Working Space, Add	*5.87*	
22 66 53 00-0099	LF	6" Glass Acid Resistant DWV Pipe	87.70	13.34
		For Work In Restricted Working Space, Add	*8.00*	

22 66 53 00-0100 Glass Acid Resistant DWV 90 Or 60 Degree Sweeps *(22 66 53 00-0093)*

22 66 53 00-0101	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	65.09	21.94
		For Work In Restricted Working Space, Add	*13.14*	
22 66 53 00-0102	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	73.36	23.28
		For Work In Restricted Working Space, Add	*13.94*	
22 66 53 00-0103	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	97.13	26.42
		For Work In Restricted Working Space, Add	*15.85*	
22 66 53 00-0104	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	140.56	34.92
		For Work In Restricted Working Space, Add	*20.96*	
22 66 53 00-0105	EA	6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	312.23	48.36
		For Work In Restricted Working Space, Add	*29.02*	

22 66 53 00-0106 Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps *(22 66 53 00-0093)*

22 66 53 00-0107	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	65.28	22.03
		For Work In Restricted Working Space, Add	*13.19*	
22 66 53 00-0108	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	73.00	23.02
		For Work In Restricted Working Space, Add	*13.83*	
22 66 53 00-0109	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	96.94	26.33
		For Work In Restricted Working Space, Add	*15.80*	
22 66 53 00-0110	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	140.56	34.92
		For Work In Restricted Working Space, Add	*20.96*	
22 66 53 00-0111	EA	6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	312.21	48.36
		For Work In Restricted Working Space, Add	*29.01*	

22 66 53 00-0112 Glass Acid Resistant DWV 90 Or 60 Degree Bends *(22 66 53 00-0093)*

22 66 53 00-0113	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	65.86	22.03
		For Work In Restricted Working Space, Add	*13.19*	
22 66 53 00-0114	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	73.70	23.02
		For Work In Restricted Working Space, Add	*13.83*	
22 66 53 00-0115	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Bend	98.16	26.33
		For Work In Restricted Working Space, Add	*15.80*	
22 66 53 00-0116	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Bend	140.56	34.92
		For Work In Restricted Working Space, Add	*20.96*	

22 66 53 00-0117 Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends *(22 66 53 00-0093)*

22 66 53 00-0118	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	65.86	22.03
		For Work In Restricted Working Space, Add	*13.19*	
22 66 53 00-0119	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	73.70	23.02
		For Work In Restricted Working Space, Add	*13.83*	
22 66 53 00-0120	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	98.16	26.33
		For Work In Restricted Working Space, Add	*15.80*	
22 66 53 00-0121	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	140.56	34.92
		For Work In Restricted Working Space, Add	*20.96*	

22 66 53 00-0122 Glass Acid Resistant DWV 90 Degree Bends With Long Leg *(22 66 53 00-0093)*

22 66 53 00-0123	EA	1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg	74.17	22.03
		For Work In Restricted Working Space, Add	*13.19*	
22 66 53 00-0124	EA	2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg	85.63	23.02
		For Work In Restricted Working Space, Add	*13.83*	

22 66 53 00-0125 Glass Acid Resistant DWV Double Quarter Bends *(22 66 53 00-0093)*

22 66 53 00-0126	EA	1-1/2" Glass Acid Resistant DWV Double Quarter Bend	104.02	32.96
		For Work In Restricted Working Space, Add	*19.79*	
22 66 53 00-0127	EA	2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend	125.85	34.12
		For Work In Restricted Working Space, Add	*20.47*	
22 66 53 00-0128	EA	2" Glass Acid Resistant DWV Double Quarter Bend	119.12	34.57
		For Work In Restricted Working Space, Add	*20.76*	
22 66 53 00-0129	EA	3" Glass Acid Resistant DWV Double Quarter Bend	156.40	39.49
		For Work In Restricted Working Space, Add	*23.70*	
22 66 53 00-0130	EA	4" Glass Acid Resistant DWV Double Quarter Bend	249.50	52.39
		For Work In Restricted Working Space, Add	*31.43*	
22 66 53 00-0131	EA	6" Glass Acid Resistant DWV Double Quarter Bend	377.43	72.54
		For Work In Restricted Working Space, Add	*43.53*	

22 66 53 00-0132 Glass Acid Resistant DWV Sanitary Tees *(22 66 53 00-0093)*

22 66 53 00-0133	EA	1-1/2" Glass Acid Resistant DWV Sanitary Tee	100.61	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0134	EA	2" Glass Acid Resistant DWV Sanitary Tee	103.30	34.48
		For Work In Restricted Working Space, Add	*20.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0135	EA	3" Glass Acid Resistant DWV Sanitary Tee	130.03	39.40
		For Work In Restricted Working Space, Add	*23.64*	
22 66 53 00-0136	EA	4" Glass Acid Resistant DWV Sanitary Tee	196.67	52.39
		For Work In Restricted Working Space, Add	*31.43*	
22 66 53 00-0137	EA	6" Glass Acid Resistant DWV Sanitary Tee	391.26	72.54
		For Work In Restricted Working Space, Add	*43.52*	

22 66 53 00-0138 Glass Acid Resistant DWV Reducing Sanitary Tees *(22 66 53 00-0093)*

22 66 53 00-0139	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	102.40	34.03
		For Work In Restricted Working Space, Add	*20.42*	
22 66 53 00-0140	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	119.61	37.16
		For Work In Restricted Working Space, Add	*22.30*	
22 66 53 00-0141	EA	3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	126.11	38.06
		For Work In Restricted Working Space, Add	*22.84*	
22 66 53 00-0142	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	160.74	46.12
		For Work In Restricted Working Space, Add	*27.67*	
22 66 53 00-0143	EA	4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	167.28	46.57
		For Work In Restricted Working Space, Add	*27.94*	
22 66 53 00-0144	EA	4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	175.03	47.91
		For Work In Restricted Working Space, Add	*28.75*	
22 66 53 00-0145	EA	6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	292.79	60.00
		For Work In Restricted Working Space, Add	*36.00*	
22 66 53 00-0146	EA	6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	313.52	61.34
		For Work In Restricted Working Space, Add	*36.81*	
22 66 53 00-0147	EA	6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee	323.45	65.82
		For Work In Restricted Working Space, Add	*39.49*	

22 66 53 00-0148 Glass Acid Resistant DWV Double Sanitary Tees *(22 66 53 00-0093)*

22 66 53 00-0149	EA	1-1/2" Glass Acid Resistant DWV Double Sanitary Tee	140.44	43.88
		For Work In Restricted Working Space, Add	*26.33*	
22 66 53 00-0150	EA	2" Glass Acid Resistant DWV Double Sanitary Tee	144.90	46.12
		For Work In Restricted Working Space, Add	*27.67*	
22 66 53 00-0151	EA	3" Glass Acid Resistant DWV Double Sanitary Tee	183.07	52.84
		For Work In Restricted Working Space, Add	*31.70*	
22 66 53 00-0152	EA	4" Glass Acid Resistant DWV Double Sanitary Tee	288.03	69.85
		For Work In Restricted Working Space, Add	*41.90*	
22 66 53 00-0153	EA	6" Glass Acid Resistant DWV Double Sanitary Tee	495.97	96.71
		For Work In Restricted Working Space, Add	*58.04*	

22 66 53 00-0154 Glass Acid Resistant DWV Reducing Double Sanitary Tees *(22 66 53 00-0093)*

22 66 53 00-0155	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	143.11	45.22
		For Work In Restricted Working Space, Add	*27.13*	
22 66 53 00-0156	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	162.77	48.36
		For Work In Restricted Working Space, Add	*29.01*	
22 66 53 00-0157	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	170.79	49.26
		For Work In Restricted Working Space, Add	*29.55*	
22 66 53 00-0158	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	239.04	56.86
		For Work In Restricted Working Space, Add	*34.12*	
22 66 53 00-0159	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	237.99	58.21
		For Work In Restricted Working Space, Add	*34.92*	
22 66 53 00-0160	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	254.71	61.34
		For Work In Restricted Working Space, Add	*36.81*	
22 66 53 00-0161	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	331.41	71.64
		For Work In Restricted Working Space, Add	*42.98*	
22 66 53 00-0162	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	358.37	74.77
		For Work In Restricted Working Space, Add	*44.86*	
22 66 53 00-0163	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Sanitary Tee	404.97	83.28
		For Work In Restricted Working Space, Add	*49.96*	

22 66 53 00-0164 Glass Acid Resistant DWV Tees *(22 66 53 00-0093)*

22 66 53 00-0165	EA	1-1/2" Glass Acid Resistant DWV Tee	108.77	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0166	EA	2" Glass Acid Resistant DWV Tee	111.44	34.48
		For Work In Restricted Working Space, Add	*20.69*	
22 66 53 00-0167	EA	3" Glass Acid Resistant DWV Tee	140.15	39.40
		For Work In Restricted Working Space, Add	*23.64*	
22 66 53 00-0168	EA	4" Glass Acid Resistant DWV Tee	212.54	52.39
		For Work In Restricted Working Space, Add	*31.43*	
22 66 53 00-0169	EA	6" Glass Acid Resistant DWV Tee	410.31	72.54
		For Work In Restricted Working Space, Add	*43.53*	

22 66 53 00-0170 Glass Acid Resistant DWV Reducing Tees *(22 66 53 00-0093)*

22 66 53 00-0171	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	110.54	34.03
		For Work In Restricted Working Space, Add	*20.42*	
22 66 53 00-0172	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	128.11	37.16
		For Work In Restricted Working Space, Add	*22.30*	
22 66 53 00-0173	EA	3" x 2" Glass Acid Resistant DWV Reducing Tee	131.12	38.06
		For Work In Restricted Working Space, Add	*22.84*	
22 66 53 00-0174	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	162.61	46.12
		For Work In Restricted Working Space, Add	*27.68*	
22 66 53 00-0175	EA	4" x 2" Glass Acid Resistant DWV Reducing Tee	166.40	46.57
		For Work In Restricted Working Space, Add	*27.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0176	EA	4" x 3" Glass Acid Resistant DWV Reducing Tee	194.14	47.91
		For Work In Restricted Working Space, Add	*28.75*	
22 66 53 00-0177	EA	6" x 3" Glass Acid Resistant DWV Reducing Tee	348.42	61.34
		For Work In Restricted Working Space, Add	*36.80*	
22 66 53 00-0178	EA	6" x 4" Glass Acid Resistant DWV Reducing Tee	364.29	65.82
		For Work In Restricted Working Space, Add	*39.48*	

22 66 53 00-0179 Glass Acid Resistant DWV Test Tees With Cleanout *(22 66 53 00-0093)*

22 66 53 00-0180	EA	1-1/2" Glass Acid Resistant DWV Test Tee With Cleanout	122.73	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0181	EA	2" Glass Acid Resistant DWV Test Tee With Cleanout	135.12	34.48
		For Work In Restricted Working Space, Add	*20.69*	
22 66 53 00-0182	EA	3" Glass Acid Resistant DWV Test Tee With Cleanout	170.01	39.40
		For Work In Restricted Working Space, Add	*23.64*	
22 66 53 00-0183	EA	4" Glass Acid Resistant DWV Test Tee With Cleanout	280.58	52.39
		For Work In Restricted Working Space, Add	*31.43*	
22 66 53 00-0184	EA	6" Glass Acid Resistant DWV Test Tee With Cleanout	410.31	72.54
		For Work In Restricted Working Space, Add	*43.53*	

22 66 53 00-0185 Glass Acid Resistant DWV Wyes *(22 66 53 00-0093)*

22 66 53 00-0186	EA	1-1/2" Glass Acid Resistant DWV Wye	102.36	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0187	EA	2" Glass Acid Resistant DWV Wye	105.03	34.48
		For Work In Restricted Working Space, Add	*20.69*	
22 66 53 00-0188	EA	3" Glass Acid Resistant DWV Wye	137.01	39.40
		For Work In Restricted Working Space, Add	*23.64*	
22 66 53 00-0189	EA	4" Glass Acid Resistant DWV Wye	204.45	52.39
		For Work In Restricted Working Space, Add	*31.43*	
22 66 53 00-0190	EA	6" Glass Acid Resistant DWV Wye	385.93	72.54
		For Work In Restricted Working Space, Add	*43.53*	

22 66 53 00-0191 Glass Acid Resistant DWV Reducing Wyes *(22 66 53 00-0093)*

22 66 53 00-0192	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	104.13	34.03
		For Work In Restricted Working Space, Add	*20.42*	
22 66 53 00-0193	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	123.22	37.16
		For Work In Restricted Working Space, Add	*22.30*	
22 66 53 00-0194	EA	3" x 2" Glass Acid Resistant DWV Reducing Wye	126.52	38.06
		For Work In Restricted Working Space, Add	*22.84*	
22 66 53 00-0195	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	167.73	46.12
		For Work In Restricted Working Space, Add	*27.68*	
22 66 53 00-0196	EA	4" x 2" Glass Acid Resistant DWV Reducing Wye	169.31	46.57
		For Work In Restricted Working Space, Add	*27.94*	
22 66 53 00-0197	EA	4" x 3" Glass Acid Resistant DWV Reducing Wye	181.92	47.91
		For Work In Restricted Working Space, Add	*28.75*	
22 66 53 00-0198	EA	6" x 2" Glass Acid Resistant DWV Reducing Wye	285.20	60.00
		For Work In Restricted Working Space, Add	*35.99*	
22 66 53 00-0199	EA	6" x 3" Glass Acid Resistant DWV Reducing Wye	324.21	61.34
		For Work In Restricted Working Space, Add	*36.80*	
22 66 53 00-0200	EA	6" x 4" Glass Acid Resistant DWV Reducing Wye	351.72	65.82
		For Work In Restricted Working Space, Add	*39.48*	

22 66 53 00-0201 Glass Acid Resistant DWV Double Wyes *(22 66 53 00-0093)*

22 66 53 00-0202	EA	1-1/2" Glass Acid Resistant DWV Double Wye	158.01	43.88
		For Work In Restricted Working Space, Add	*26.33*	
22 66 53 00-0203	EA	2" Glass Acid Resistant DWV Double Wye	162.50	46.12
		For Work In Restricted Working Space, Add	*27.68*	
22 66 53 00-0204	EA	3" Glass Acid Resistant DWV Double Wye	210.36	52.84
		For Work In Restricted Working Space, Add	*31.70*	
22 66 53 00-0205	EA	4" Glass Acid Resistant DWV Double Wye	315.89	69.85
		For Work In Restricted Working Space, Add	*41.90*	
22 66 53 00-0206	EA	6" Glass Acid Resistant DWV Double Wye	511.06	96.71
		For Work In Restricted Working Space, Add	*58.05*	

22 66 53 00-0207 Glass Acid Resistant DWV Reducing Double Wyes *(22 66 53 00-0093)*

22 66 53 00-0208	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	160.67	45.22
		For Work In Restricted Working Space, Add	*27.13*	
22 66 53 00-0209	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	166.95	48.36
		For Work In Restricted Working Space, Add	*29.01*	
22 66 53 00-0210	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Wye	187.83	49.26
		For Work In Restricted Working Space, Add	*29.55*	
22 66 53 00-0211	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	228.12	56.86
		For Work In Restricted Working Space, Add	*34.13*	
22 66 53 00-0212	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Wye	239.39	58.21
		For Work In Restricted Working Space, Add	*34.93*	
22 66 53 00-0213	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Wye	276.02	61.34
		For Work In Restricted Working Space, Add	*36.80*	
22 66 53 00-0214	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Wye	408.87	71.64
		For Work In Restricted Working Space, Add	*42.97*	
22 66 53 00-0215	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Wye	428.85	74.77
		For Work In Restricted Working Space, Add	*44.87*	
22 66 53 00-0216	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Wye	461.07	83.28
		For Work In Restricted Working Space, Add	*49.97*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 66 53 00-0217 Glass Acid Resistant DWV Combination Wye And 1/8 Bends *(22 66 53 00-0093)*

22 66 53 00-0218	EA	1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	111.58	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0219	EA	2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	114.64	34.48
		For Work In Restricted Working Space, Add	*20.69*	
22 66 53 00-0220	EA	3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	142.71	39.40
		For Work In Restricted Working Space, Add	*23.64*	
22 66 53 00-0221	EA	4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	207.42	52.39
		For Work In Restricted Working Space, Add	*31.43*	
22 66 53 00-0222	EA	6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	377.60	72.54
		For Work In Restricted Working Space, Add	*43.53*	

22 66 53 00-0223 Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends *(22 66 53 00-0093)*

22 66 53 00-0224	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	113.74	34.03
		For Work In Restricted Working Space, Add	*20.42*	
22 66 53 00-0225	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	124.67	37.16
		For Work In Restricted Working Space, Add	*22.30*	
22 66 53 00-0226	EA	3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	132.34	38.06
		For Work In Restricted Working Space, Add	*22.84*	
22 66 53 00-0227	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	164.24	46.12
		For Work In Restricted Working Space, Add	*27.68*	
22 66 53 00-0228	EA	4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	170.07	46.57
		For Work In Restricted Working Space, Add	*27.94*	
22 66 53 00-0229	EA	4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	182.79	47.91
		For Work In Restricted Working Space, Add	*28.75*	
22 66 53 00-0230	EA	6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	285.72	60.00
		For Work In Restricted Working Space, Add	*35.99*	
22 66 53 00-0231	EA	6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	319.15	61.34
		For Work In Restricted Working Space, Add	*36.80*	
22 66 53 00-0232	EA	6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	328.44	65.82
		For Work In Restricted Working Space, Add	*39.48*	

22 66 53 00-0233 Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends *(22 66 53 00-0093)*

22 66 53 00-0234	EA	1-1/2" Double Glass Combination Wye And 1/8 Bend	149.28	43.88
		For Work In Restricted Working Space, Add	*26.33*	
22 66 53 00-0235	EA	2" Double Glass Combination Wye And 1/8 Bend	169.83	46.12
		For Work In Restricted Working Space, Add	*27.68*	
22 66 53 00-0236	EA	3" Double Glass Combination Wye And 1/8 Bend	221.42	52.84
		For Work In Restricted Working Space, Add	*31.70*	
22 66 53 00-0237	EA	4" Double Glass Combination Wye And 1/8 Bend	341.61	69.85
		For Work In Restricted Working Space, Add	*41.90*	
22 66 53 00-0238	EA	6" Double Glass Combination Wye And 1/8 Bend	552.11	96.71
		For Work In Restricted Working Space, Add	*58.05*	

22 66 53 00-0239 Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends *(22 66 53 00-0093)*

22 66 53 00-0240	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	153.27	45.22
		For Work In Restricted Working Space, Add	*27.13*	
22 66 53 00-0241	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	187.55	48.36
		For Work In Restricted Working Space, Add	*29.01*	
22 66 53 00-0242	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	185.96	49.26
		For Work In Restricted Working Space, Add	*29.55*	
22 66 53 00-0243	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	242.44	56.86
		For Work In Restricted Working Space, Add	*34.13*	
22 66 53 00-0244	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	241.66	58.21
		For Work In Restricted Working Space, Add	*34.93*	
22 66 53 00-0245	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	267.93	61.34
		For Work In Restricted Working Space, Add	*36.80*	
22 66 53 00-0246	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	371.37	71.64
		For Work In Restricted Working Space, Add	*42.97*	
22 66 53 00-0247	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	394.51	74.77
		For Work In Restricted Working Space, Add	*44.87*	
22 66 53 00-0248	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	456.99	83.28
		For Work In Restricted Working Space, Add	*49.97*	

22 66 53 00-0249 Glass Acid Resistant DWV Partition Crosses (Compact) *(22 66 53 00-0093)*

22 66 53 00-0250	EA	2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact)	164.91	45.22
		For Work In Restricted Working Space, Add	*27.13*	
22 66 53 00-0251	EA	2" Glass Acid Resistant DWV Partition Cross (Compact)	166.74	46.12
		For Work In Restricted Working Space, Add	*27.68*	
22 66 53 00-0252	EA	2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact)	174.87	44.78
		For Work In Restricted Working Space, Add	*26.87*	

22 66 53 00-0253 Glass Acid Resistant DWV Upright Y Or H (Vent Branch) *(22 66 53 00-0093)*

22 66 53 00-0254	EA	1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	153.23	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0255	EA	2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	167.25	34.48
		For Work In Restricted Working Space, Add	*20.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0256	EA	3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	192.24	39.40
		For Work In Restricted Working Space, Add	*23.64*	
22 66 53 00-0257	EA	4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	277.84	52.39
		For Work In Restricted Working Space, Add	*31.43*	
22 66 53 00-0258	EA	6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	501.68	72.54
		For Work In Restricted Working Space, Add	*43.53*	

22 66 53 00-0259 Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) *(22 66 53 00-0093)*

22 66 53 00-0260	EA	2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	154.65	34.03
		For Work In Restricted Working Space, Add	*20.42*	
22 66 53 00-0261	EA	3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	175.25	37.16
		For Work In Restricted Working Space, Add	*22.30*	
22 66 53 00-0262	EA	3" x 2" Reducing Glass Upright Y Or H (Vent Branch)	185.48	38.06
		For Work In Restricted Working Space, Add	*22.84*	
22 66 53 00-0263	EA	4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	216.62	46.12
		For Work In Restricted Working Space, Add	*27.68*	
22 66 53 00-0264	EA	4" x 2" Reducing Glass Upright Y Or H (Vent Branch)	227.57	46.57
		For Work In Restricted Working Space, Add	*27.94*	
22 66 53 00-0265	EA	4" x 3" Reducing Glass Upright Y Or H (Vent Branch)	247.51	47.91
		For Work In Restricted Working Space, Add	*28.75*	
22 66 53 00-0266	EA	6" x 3" Reducing Glass Upright Y Or H (Vent Branch)	350.81	61.34
		For Work In Restricted Working Space, Add	*36.80*	
22 66 53 00-0267	EA	6" x 4" Reducing Glass Upright Y Or H (Vent Branch)	396.53	65.82
		For Work In Restricted Working Space, Add	*39.48*	

22 66 53 00-0268 Glass Acid Resistant DWV Reducers Or Increasers *(22 66 53 00-0093)*

22 66 53 00-0269	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	63.40	22.39
		For Eccentric Reducers Or Increasers, Add	*1.49*	
		For Work In Restricted Working Space, Add	*13.43*	
22 66 53 00-0270	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	76.00	24.18
		For Eccentric Reducers Or Increasers, Add	*2.21*	
		For Work In Restricted Working Space, Add	*14.51*	
22 66 53 00-0271	EA	3" x 2" Glass Acid Resistant DWV Reducer Or Increaser	80.22	24.63
		For Eccentric Reducers Or Increasers, Add	*2.48*	
		For Work In Restricted Working Space, Add	*14.78*	
22 66 53 00-0272	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	100.56	28.65
		For Eccentric Reducers Or Increasers, Add	*3.46*	
		For Work In Restricted Working Space, Add	*17.20*	
22 66 53 00-0273	EA	4" x 2" Glass Acid Resistant DWV Reducer Or Increaser	104.13	29.11
		For Eccentric Reducers Or Increasers, Add	*3.67*	
		For Work In Restricted Working Space, Add	*17.46*	
22 66 53 00-0274	EA	4" x 3" Glass Acid Resistant DWV Reducer Or Increaser	110.54	30.44
		For Eccentric Reducers Or Increasers, Add	*3.97*	
		For Work In Restricted Working Space, Add	*18.27*	
22 66 53 00-0275	EA	6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	196.46	35.37
		For Eccentric Reducers Or Increasers, Add	*10.06*	
		For Work In Restricted Working Space, Add	*21.23*	
22 66 53 00-0276	EA	6" x 2" Glass Acid Resistant DWV Reducer Or Increaser	205.32	35.82
		For Eccentric Reducers Or Increasers, Add	*10.69*	
		For Work In Restricted Working Space, Add	*21.49*	
22 66 53 00-0277	EA	6" x 3" Glass Acid Resistant DWV Reducer Or Increaser	217.15	37.16
		For Eccentric Reducers Or Increasers, Add	*11.43*	
		For Work In Restricted Working Space, Add	*22.30*	
22 66 53 00-0278	EA	6" x 4" Glass Acid Resistant DWV Reducer Or Increaser	230.23	41.64
		For Eccentric Reducers Or Increasers, Add	*11.76*	
		For Work In Restricted Working Space, Add	*24.98*	

22 66 53 00-0279 Glass Acid Resistant DWV Swivel P-Traps *(22 66 53 00-0093)*

22 66 53 00-0280	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	131.80	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0281	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	139.82	34.03
		For Work In Restricted Working Space, Add	*20.42*	
22 66 53 00-0282	EA	2" Glass Acid Resistant DWV Swivel P-Trap	153.81	34.48
		For Work In Restricted Working Space, Add	*20.69*	
22 66 53 00-0283	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	140.30	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0284	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	150.64	34.03
		For Work In Restricted Working Space, Add	*20.42*	
22 66 53 00-0285	EA	2" Glass Acid Resistant DWV Swivel P-Trap	166.04	34.48
		For Work In Restricted Working Space, Add	*20.69*	
22 66 53 00-0286	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	142.63	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0287	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	150.64	34.03
		For Work In Restricted Working Space, Add	*20.42*	
22 66 53 00-0288	EA	2" Glass Acid Resistant DWV Swivel P-Trap	166.04	34.48
		For Work In Restricted Working Space, Add	*20.69*	

22 66 53 00-0289 Glass Acid Resistant DWV Drum P-Traps *(22 66 53 00-0093)*

22 66 53 00-0290	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	169.05	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0291	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	205.99	34.03
		For Work In Restricted Working Space, Add	*20.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0292	EA	2" Glass Acid Resistant DWV Drum P-Trap	211.55	34.48
		For Work In Restricted Working Space, Add	*20.69*	
22 66 53 00-0293	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	183.19	33.13
		For Work In Restricted Working Space, Add	*19.88*	
22 66 53 00-0294	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	193.25	34.03
		For Work In Restricted Working Space, Add	*20.42*	
22 66 53 00-0295	EA	2" Glass Acid Resistant DWV Drum P-Trap	214.28	34.48
		For Work In Restricted Working Space, Add	*20.69*	

22 66 53 00-0296 Glass Acid Resistant DWV Cleanout Plugs *(22 66 53 00-0093)*

22 66 53 00-0297	EA	1-1/2" Glass Acid Resistant DWV Cleanout Plug	31.06	11.20
		For Work In Restricted Working Space, Add	*6.72*	
22 66 53 00-0298	EA	2" Glass Acid Resistant DWV Cleanout Plug	34.22	11.64
		For Work In Restricted Working Space, Add	*6.98*	
22 66 53 00-0299	EA	3" Glass Acid Resistant DWV Cleanout Plug	41.63	12.99
		For Work In Restricted Working Space, Add	*7.79*	
22 66 53 00-0300	EA	4" Glass Acid Resistant DWV Cleanout Plug	63.09	17.47
		For Work In Restricted Working Space, Add	*10.48*	
22 66 53 00-0301	EA	6" Glass Acid Resistant DWV Cleanout Plug	89.51	24.18
		For Work In Restricted Working Space, Add	*14.51*	

22 66 53 00-0302 Glass Acid Resistant DWV Sink Fittings *(22 66 53 00-0093)*

22 66 53 00-0303	EA	1-1/2" Glass Acid Resistant DWV Interceptor Trap	336.33	43.88
		For Work In Restricted Working Space, Add	*26.33*	
22 66 53 00-0304	EA	1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	38.51	11.20
		For Work In Restricted Working Space, Add	*6.72*	
22 66 53 00-0305	EA	1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	41.60	11.20
		For Work In Restricted Working Space, Add	*6.72*	
22 66 53 00-0306	EA	1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings	63.87	22.39
		For Work In Restricted Working Space, Add	*13.43*	
22 66 53 00-0307	EA	3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	110.30	23.28
		For Work In Restricted Working Space, Add	*13.97*	
22 66 53 00-0308	EA	6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	111.46	23.28
		For Work In Restricted Working Space, Add	*13.97*	
22 66 53 00-0309	EA	3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	123.10	23.28
		For Work In Restricted Working Space, Add	*13.97*	
22 66 53 00-0310	EA	3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	104.01	23.28
		For Work In Restricted Working Space, Add	*13.97*	

22 66 53 00-0311 Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters *(22 66 53 00-0093)*

Note: Includes teflon spacer.

22 66 53 00-0312	EA	1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	109.26	33.05
		For Work In Restricted Working Space, Add	*19.82*	
22 66 53 00-0313	EA	2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	114.18	34.66
		For Work In Restricted Working Space, Add	*20.79*	
22 66 53 00-0314	EA	3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	150.58	39.49
		For Work In Restricted Working Space, Add	*23.70*	
22 66 53 00-0315	EA	4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	211.42	52.48
		For Work In Restricted Working Space, Add	*31.46*	

22 66 53 00-0316 Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0093)*

Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.

22 66 53 00-0317	EA	1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	14.61
22 66 53 00-0318	EA	2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	18.43
22 66 53 00-0319	EA	3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	24.64
22 66 53 00-0320	EA	4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	41.52
22 66 53 00-0321	EA	6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping	96.71

22 66 53 00-0322 Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0093)*

Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.

22 66 53 00-0323	EA	1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	18.84
22 66 53 00-0324	EA	2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	23.57
22 66 53 00-0325	EA	3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	40.02
22 66 53 00-0326	EA	4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	59.65
22 66 53 00-0327	EA	6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	145.45

22 66 53 00-0328 Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

Note: Acid resistant. ASTM A518.

22 66 53 00-0329 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0328)*

22 66 53 00-0330	LF	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	86.71	7.97
22 66 53 00-0331	LF	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	121.99	9.94
22 66 53 00-0332	LF	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	165.90	11.46
22 66 53 00-0333	LF	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	272.09	16.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0334	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	479.83	21.40
22 66 53 00-0335	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	848.30	26.99
22 66 53 00-0336	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,512.37	36.35
22 66 53 00-0337	LF	15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	2,693.14	41.68
22 66 53 00-0338		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 66 53 00-0328)*		
22 66 53 00-0339		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 66 53 00-0338)*		
22 66 53 00-0340	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	347.84	67.88
22 66 53 00-0341	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	454.19	74.69
22 66 53 00-0342	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	736.53	89.37
22 66 53 00-0343	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,094.75	105.73
22 66 53 00-0344	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	2,512.99	171.96
22 66 53 00-0345		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 66 53 00-0338)*		
22 66 53 00-0346	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	203.59	67.88
22 66 53 00-0347	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	264.68	74.69
22 66 53 00-0348	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	332.05	89.37
22 66 53 00-0349	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	871.30	105.73
22 66 53 00-0350	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,974.72	171.96
22 66 53 00-0351	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	2,998.00	214.25
22 66 53 00-0352	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	4,401.38	257.65
22 66 53 00-0353		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 66 53 00-0338)*		
22 66 53 00-0354	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	203.59	67.88
22 66 53 00-0355	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	264.68	74.69
22 66 53 00-0356	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	332.05	89.37
22 66 53 00-0357	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	639.36	105.73
22 66 53 00-0358	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	1,674.91	171.96
22 66 53 00-0359	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,446.87	214.25
22 66 53 00-0360	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	3,468.40	257.65
22 66 53 00-0361		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends *(22 66 53 00-0338)*		
22 66 53 00-0362	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	203.59	67.88
22 66 53 00-0363	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	264.68	74.69
22 66 53 00-0364	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	331.83	89.28
22 66 53 00-0365		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps *(22 66 53 00-0338)*		
22 66 53 00-0366	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	277.13	67.88
22 66 53 00-0367	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	488.13	74.69
22 66 53 00-0368	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	547.02	89.37
22 66 53 00-0369		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees *(22 66 53 00-0338)*		
22 66 53 00-0370	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	288.07	101.55
22 66 53 00-0371	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	361.12	112.57
22 66 53 00-0372	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	501.37	134.42
22 66 53 00-0373	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	832.20	158.89
22 66 53 00-0374	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	2,539.55	258.16
22 66 53 00-0375	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	3,604.45	322.36
22 66 53 00-0376		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees *(22 66 53 00-0338)*		
22 66 53 00-0377	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	270.42	97.35
22 66 53 00-0378	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	315.12	104.51
22 66 53 00-0379	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	351.70	108.18
22 66 53 00-0380	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	402.55	119.46
22 66 53 00-0381	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	430.89	123.22
22 66 53 00-0382	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	473.03	126.90
22 66 53 00-0383	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	588.46	137.49
22 66 53 00-0384	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	652.71	141.03
22 66 53 00-0385	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	730.30	147.52
22 66 53 00-0386		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees *(22 66 53 00-0338)*		
22 66 53 00-0387	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	327.62	101.55
22 66 53 00-0388	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	394.61	112.30
22 66 53 00-0389	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	538.10	134.42
22 66 53 00-0390		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees *(22 66 53 00-0338)*		
22 66 53 00-0391	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	309.99	97.35
22 66 53 00-0392	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	386.39	108.72
22 66 53 00-0393	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	465.35	123.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0394	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	499.05	127.25
22 66 53 00-0395		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0338)*		
22 66 53 00-0396	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	285.42	101.73
22 66 53 00-0397	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	392.23	112.57
22 66 53 00-0398	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	501.21	134.33
22 66 53 00-0399	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	836.94	158.30
22 66 53 00-0400	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	3,178.40	257.90
22 66 53 00-0401		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0338)*		
22 66 53 00-0402	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	293.02	97.35
22 66 53 00-0403	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	315.07	104.51
22 66 53 00-0404	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	332.83	108.81
22 66 53 00-0405	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	371.44	119.46
22 66 53 00-0406	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	385.85	123.40
22 66 53 00-0407	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	462.28	127.25
22 66 53 00-0408	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	619.36	137.66
22 66 53 00-0409	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	734.73	141.03
22 66 53 00-0410	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	767.07	147.52
22 66 53 00-0411	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,870.47	208.06
22 66 53 00-0412	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	2,019.36	214.94
22 66 53 00-0413	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	2,468.53	225.93
22 66 53 00-0414		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0415	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	338.88	101.55
22 66 53 00-0416	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	403.09	112.30
22 66 53 00-0417	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	594.67	134.42
22 66 53 00-0418	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	910.78	158.46
22 66 53 00-0419		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0420	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	281.71	97.35
22 66 53 00-0421	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	326.38	104.51
22 66 53 00-0422	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	360.93	108.72
22 66 53 00-0423	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	391.24	119.46
22 66 53 00-0424	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	451.21	123.59
22 66 53 00-0425	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	510.32	127.17
22 66 53 00-0426	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	656.08	137.66
22 66 53 00-0427	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	816.82	141.11
22 66 53 00-0428	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	894.72	147.77
22 66 53 00-0429		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers** *(22 66 53 00-0338)*		
22 66 53 00-0430	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	175.04	63.94
22 66 53 00-0431	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	191.70	67.52
22 66 53 00-0432	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	214.05	71.10
22 66 53 00-0433	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	341.65	78.81
22 66 53 00-0434	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	358.35	82.48
22 66 53 00-0435	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	386.84	88.21
22 66 53 00-0436	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	501.59	94.95
22 66 53 00-0437	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	727.92	129.00
22 66 53 00-0438	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	775.44	139.91
22 66 53 00-0439		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers** *(22 66 53 00-0338)*		
22 66 53 00-0440	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	467.13	149.28
22 66 53 00-0441	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	614.21	149.28
22 66 53 00-0442	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	627.41	149.28
22 66 53 00-0443	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	705.00	196.72
22 66 53 00-0444		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0338)*		
22 66 53 00-0445	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	514.72	67.88
22 66 53 00-0446	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	621.07	74.69
22 66 53 00-0447	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	756.33	89.37
22 66 53 00-0448	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	2,220.49	105.73
22 66 53 00-0449		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs** *(22 66 53 00-0338)*		
22 66 53 00-0450	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	257.33	67.88
22 66 53 00-0451	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	324.08	74.69
22 66 53 00-0452	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	445.19	89.37
22 66 53 00-0453	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	571.01	105.73
22 66 53 00-0454	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	1,109.36	147.52

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0455		Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0328)*		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0456	LB	Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	4.97	
22 66 53 00-0457	LB	Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	51.86	
22 66 53 00-0458		Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*		
		Note: ASTM A518.		
22 66 53 00-0459		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0458)*		
22 66 53 00-0460	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	68.77	6.00
22 66 53 00-0461	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	78.26	6.63
22 66 53 00-0462	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	107.92	8.33
22 66 53 00-0463	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	136.08	9.67
22 66 53 00-0464		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings *(22 66 53 00-0458)*		
22 66 53 00-0465		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps *(22 66 53 00-0464)*		
22 66 53 00-0466	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	255.17	47.55
22 66 53 00-0467	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	275.77	53.73
22 66 53 00-0468	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	377.35	59.29
22 66 53 00-0469	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	455.36	71.64
22 66 53 00-0470		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends *(22 66 53 00-0464)*		
22 66 53 00-0471	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	144.86	47.55
22 66 53 00-0472	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	173.10	53.19
22 66 53 00-0473	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	222.09	59.46
22 66 53 00-0474	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	290.51	71.10
22 66 53 00-0475	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	168.66	50.24
22 66 53 00-0476		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends *(22 66 53 00-0464)*		
22 66 53 00-0477	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	144.86	47.55
22 66 53 00-0478	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	173.10	53.19
22 66 53 00-0479	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	222.09	59.46
22 66 53 00-0480	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	290.51	71.10
22 66 53 00-0481		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends *(22 66 53 00-0464)*		
22 66 53 00-0482	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	170.32	47.55
22 66 53 00-0483	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	212.70	53.19
22 66 53 00-0484	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	326.74	59.46
22 66 53 00-0485	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	366.88	71.10
22 66 53 00-0486		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends *(22 66 53 00-0464)*		
22 66 53 00-0487	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	164.66	47.55
22 66 53 00-0488	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	195.73	53.19
22 66 53 00-0489	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	301.29	59.46
22 66 53 00-0490	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	341.42	71.10
22 66 53 00-0491		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends *(22 66 53 00-0464)*		
22 66 53 00-0492	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend	248.70	71.55
22 66 53 00-0493		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees *(22 66 53 00-0464)*		
22 66 53 00-0494	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	203.45	71.55
22 66 53 00-0495	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	250.94	80.60
22 66 53 00-0496	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	329.83	89.82
22 66 53 00-0497	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	497.78	107.55
22 66 53 00-0498		Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees *(22 66 53 00-0464)*		
22 66 53 00-0499	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	235.09	77.55
22 66 53 00-0500	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	286.58	83.64
22 66 53 00-0501	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee	305.15	86.59
22 66 53 00-0502	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	327.05	95.55
22 66 53 00-0503	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	359.46	98.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0504	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	389.38	101.19
22 66 53 00-0505		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0506	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	203.80	71.82
22 66 53 00-0507	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	239.63	80.60
22 66 53 00-0508	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	318.51	89.82
22 66 53 00-0509	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	497.78	107.55
22 66 53 00-0510		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0511	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	227.20	78.00
22 66 53 00-0512	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	278.07	83.55
22 66 53 00-0513	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	291.40	86.86
22 66 53 00-0514	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	327.49	95.82
22 66 53 00-0515	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	360.26	98.78
22 66 53 00-0516	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	381.27	101.46
22 66 53 00-0517		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0518	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	304.62	95.64
22 66 53 00-0519	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	387.60	107.64
22 66 53 00-0520	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	495.32	119.10
22 66 53 00-0521	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	644.62	143.19
22 66 53 00-0522	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	335.75	101.28
22 66 53 00-0523	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	375.80	107.29
22 66 53 00-0524	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	446.96	113.19
22 66 53 00-0525	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	493.39	125.38
22 66 53 00-0526	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	593.43	131.73
22 66 53 00-0527		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses** *(22 66 53 00-0464)*		
22 66 53 00-0528	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	338.50	95.64
22 66 53 00-0529	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	398.70	107.46
22 66 53 00-0530	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	569.87	119.73
22 66 53 00-0531	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	794.76	143.38
22 66 53 00-0532	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	363.99	101.28
22 66 53 00-0533	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	474.76	107.29
22 66 53 00-0534	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	500.63	113.19
22 66 53 00-0535	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	535.76	125.29
22 66 53 00-0536	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	680.42	131.19
22 66 53 00-0537		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0538	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	225.73	71.28
22 66 53 00-0539	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	262.25	80.60
22 66 53 00-0540	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	318.51	89.82
22 66 53 00-0541	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	528.89	107.55
22 66 53 00-0542		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0543	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	249.30	77.64
22 66 53 00-0544	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	278.42	83.82
22 66 53 00-0545	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	302.72	86.86
22 66 53 00-0546	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	409.52	95.82
22 66 53 00-0547	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	419.66	98.78
22 66 53 00-0548	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	468.95	101.46
22 66 53 00-0549		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0550	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	358.10	95.47
22 66 53 00-0551	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	449.54	107.37
22 66 53 00-0552	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	645.60	119.37
22 66 53 00-0553	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	775.41	143.64
22 66 53 00-0554		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0555	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	389.44	101.28
22 66 53 00-0556	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	466.25	107.20
22 66 53 00-0557	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	486.49	113.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0558	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	541.42	125.29
22 66 53 00-0559	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	680.42	131.19
22 66 53 00-0560		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers** *(22 66 53 00-0464)*		
22 66 53 00-0561	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	169.42	50.78
22 66 53 00-0562	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	190.87	53.73
22 66 53 00-0563	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	224.10	62.69
22 66 53 00-0564	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	264.65	59.55
22 66 53 00-0565	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	280.43	62.51
22 66 53 00-0566	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	296.20	65.47
22 66 53 00-0567		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees** *(22 66 53 00-0464)*		
22 66 53 00-0568	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	156.02	41.82
22 66 53 00-0569	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	181.21	47.29
22 66 53 00-0570	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	213.17	53.55
22 66 53 00-0571	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	386.28	65.19
22 66 53 00-0572		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs** *(22 66 53 00-0464)*		
22 66 53 00-0573	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	69.60	23.82
22 66 53 00-0574	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	82.31	26.60
22 66 53 00-0575	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	89.84	29.73
22 66 53 00-0576	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	115.56	35.55
22 66 53 00-0577		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0464)*		
22 66 53 00-0578	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	283.04	47.29
22 66 53 00-0579	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	291.90	53.19
22 66 53 00-0580	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	360.69	59.46
22 66 53 00-0581	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	460.22	71.10
22 66 53 00-0582	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	392.99	50.87
22 66 53 00-0583	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	540.55	56.77
22 66 53 00-0584	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	654.00	62.69
22 66 53 00-0585	EA	4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	813.40	74.69
22 66 53 00-0586		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps** *(22 66 53 00-0464)*		
22 66 53 00-0587	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	524.99	54.00
22 66 53 00-0588	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	827.79	59.73
22 66 53 00-0589	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	547.30	53.73
22 66 53 00-0590	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	827.79	59.73
22 66 53 00-0591		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps** *(22 66 53 00-0464)*		
22 66 53 00-0592	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	487.90	53.73
22 66 53 00-0593	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	573.22	59.73
22 66 53 00-0594	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap	564.27	53.73
22 66 53 00-0595	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,237.92	59.73
22 66 53 00-0596	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	737.27	59.73
22 66 53 00-0597		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends** *(22 66 53 00-0464)*		
22 66 53 00-0598	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	204.58	47.82
22 66 53 00-0599	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	267.28	53.73
22 66 53 00-0600		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters** *(22 66 53 00-0464)*		
22 66 53 00-0601	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	104.64	35.82
22 66 53 00-0602	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	191.15	38.86
22 66 53 00-0603	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	140.71	44.78
22 66 53 00-0604		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter** *(22 66 53 00-0464)*		
22 66 53 00-0605	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	195.24	50.96
22 66 53 00-0606	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	213.50	53.73
22 66 53 00-0607	EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	237.77	56.68
22 66 53 00-0608	EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	254.97	62.51
22 66 53 00-0609	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	237.81	56.77
22 66 53 00-0610	EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	250.72	59.73
22 66 53 00-0611	EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	270.75	65.47
22 66 53 00-0612	EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	306.17	62.69

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 66 53 00-0613	EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	377.82	74.69
	22 66 53 00-0614		Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0464)*		
	22 66 53 00-0615	EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	67.88	
	22 66 53 00-0616	EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	79.20	
	22 66 53 00-0617	EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	84.85	
	22 66 53 00-0618	EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	93.34	
	22 66 53 00-0619		Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings *(22 66 53 00-0464)*		
	22 66 53 00-0620	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet	502.52	23.91
	22 66 53 00-0621	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper	190.45	11.91
	22 66 53 00-0622	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	354.50	11.91
	22 66 53 00-0623		Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates *(22 66 53 00-0464)*		
	22 66 53 00-0624	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer	1,802.66	119.46
	22 66 53 00-0625	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer	2,224.56	125.46
	22 66 53 00-0626	EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain	1,494.38	11.91
22 66 83			**Chemical-Waste Tanks** *(22 66)*		
22 66 83 16			**Chemical-Waste Neutralization Tanks** *(22 66 83)*		
	22 66 83 16-0001		Acid Neutralization Tank *(22 66 83 16)*		
	22 66 83 16-0002		Polyethylene Acid Neutralization Tank *(22 66 83 16-0001)*		
	22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	430.06	182.42
	22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	768.65	252.96
	22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	962.85	364.84
	22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	1,238.59	486.45
	22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	1,584.78	583.74
	22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	2,157.67	729.68
	22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	2,500.55	912.10
	22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	3,234.18	1,094.52
	22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	3,681.73	1,313.42
	22 66 83 16-0012		Polypropylene Acid Neutralization Tank *(22 66 83 16-0001)*		
	22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	691.61	182.42
	22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank	1,182.77	252.96
	22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank	1,657.46	364.84
	22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank	2,185.94	486.45
	22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank	2,755.61	583.74
	22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank	3,568.18	729.68
	22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank	3,904.84	912.10
	22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank	5,686.24	1,094.52
	22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank	6,166.48	1,313.42
	22 66 83 16-0022		Chemical Dilution Trap *(22 66 83 16)*		
	22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	333.63	60.80
	22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	343.28	60.80
	22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	352.93	60.80
	22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	390.01	72.97
22 67			Processed Water Systems For Laboratory And Healthcare Facilities *(22 60)*		
22 67 13			**Processed Water Piping For Laboratory And Healthcare Facilities** *(22 67)*		
22 67 13 53			**Laboratory Water Piping** *(22 67 13)*		
	22 67 13 53-0001		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe And Fittings *(22 67 13 53)*		
	22 67 13 53-0002		Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe *(22 67 13 53-0001)*		
	22 67 13 53-0003	LF	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	6.63	2.60
			For Work In Restricted Working Space, Add	*1.15*	
	22 67 13 53-0004	LF	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	8.33	3.22
			For Work In Restricted Working Space, Add	*1.44*	
	22 67 13 53-0005	LF	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	10.21	3.40
			For Work In Restricted Working Space, Add	*1.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0006	LF	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	14.98	3.76
		For Work In Restricted Working Space, Add	*1.68*	
22 67 13 53-0007	LF	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	19.74	4.48
		For Work In Restricted Working Space, Add	*2.01*	

22 67 13 53-0008 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbows *(22 67 13 53-0001)*

22 67 13 53-0009	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	24.98	9.58
		For Work In Restricted Working Space, Add	*4.34*	
22 67 13 53-0010	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	31.49	12.81
		For Work In Restricted Working Space, Add	*5.78*	
22 67 13 53-0011	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	38.10	15.94
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0012	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	60.58	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0013	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	75.43	32.33
		For Work In Restricted Working Space, Add	*14.52*	

22 67 13 53-0014 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbows *(22 67 13 53-0001)*

22 67 13 53-0015	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	24.98	9.67
		For Work In Restricted Working Space, Add	*4.34*	
22 67 13 53-0016	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	31.49	12.81
		For Work In Restricted Working Space, Add	*5.78*	
22 67 13 53-0017	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	38.10	15.94
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0018	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	60.84	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0019	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	75.43	32.33
		For Work In Restricted Working Space, Add	*14.52*	

22 67 13 53-0020 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tees *(22 67 13 53-0001)*

22 67 13 53-0021	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	36.11	15.94
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0022	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	43.10	19.26
		For Work In Restricted Working Space, Add	*8.66*	
22 67 13 53-0023	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	54.47	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0024	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	87.65	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 67 13 53-0025	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee	112.04	47.82
		For Work In Restricted Working Space, Add	*21.49*	

22 67 13 53-0026 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tees *(22 67 13 53-0001)*

22 67 13 53-0027	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	67.83	17.91
		For Work In Restricted Working Space, Add	*8.06*	
22 67 13 53-0028	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	79.70	20.87
		For Work In Restricted Working Space, Add	*9.40*	
22 67 13 53-0029	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	84.38	22.66
		For Work In Restricted Working Space, Add	*10.21*	
22 67 13 53-0030	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	108.96	32.23
		For Work In Restricted Working Space, Add	*14.51*	
22 67 13 53-0031	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee	134.75	42.99
		For Work In Restricted Working Space, Add	*19.34*	

22 67 13 53-0032 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Inserts *(22 67 13 53-0001)*

22 67 13 53-0033	EA	3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	32.51	11.37
		For Work In Restricted Working Space, Add	*5.10*	
22 67 13 53-0034	EA	1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	38.48	13.16
		For Work In Restricted Working Space, Add	*5.91*	
22 67 13 53-0035	EA	1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	43.73	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 67 13 53-0036	EA	1-1/2" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	57.59	17.91
		For Work In Restricted Working Space, Add	*8.06*	
22 67 13 53-0037	EA	1-1/2" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	61.71	19.70
		For Work In Restricted Working Space, Add	*8.87*	
22 67 13 53-0038	EA	1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	64.35	20.87
		For Work In Restricted Working Space, Add	*9.41*	
22 67 13 53-0039	EA	2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert	95.09	29.29
		For Work In Restricted Working Space, Add	*13.16*	

22 67 13 53-0040 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapters *(22 67 13 53-0001)*

22 67 13 53-0041	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	27.96	9.67
		For Work In Restricted Working Space, Add	*4.34*	
22 67 13 53-0042	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter	35.62	12.81
		For Work In Restricted Working Space, Add	*5.78*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0043	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter		42.66	15.94
		For Work In Restricted Working Space, Add		*7.16*	
22 67 13 53-0044	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter		63.71	25.43
		For Work In Restricted Working Space, Add		*11.43*	
22 67 13 53-0045	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter		83.07	32.23
		For Work In Restricted Working Space, Add		*14.51*	

22 67 13 53-0046 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapters *(22 67 13 53-0001)*

22 67 13 53-0047	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter		27.96	9.67
		For Work In Restricted Working Space, Add		*4.34*	
22 67 13 53-0048	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter		35.62	12.81
		For Work In Restricted Working Space, Add		*5.78*	
22 67 13 53-0049	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter		42.66	15.94
		For Work In Restricted Working Space, Add		*7.16*	
22 67 13 53-0050	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter		63.71	25.43
		For Work In Restricted Working Space, Add		*11.43*	
22 67 13 53-0051	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter		82.54	32.33
		For Work In Restricted Working Space, Add		*14.52*	

22 67 13 53-0052 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Couplings *(22 67 13 53-0001)*

22 67 13 53-0053	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling		20.99	9.67
		For Work In Restricted Working Space, Add		*4.34*	
22 67 13 53-0054	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling		28.22	12.81
		For Work In Restricted Working Space, Add		*5.78*	
22 67 13 53-0055	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling		35.54	15.94
		For Work In Restricted Working Space, Add		*7.16*	
22 67 13 53-0056	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling		56.03	25.43
		For Work In Restricted Working Space, Add		*11.43*	
22 67 13 53-0057	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling		73.44	32.33
		For Work In Restricted Working Space, Add		*14.52*	

22 67 13 53-0058 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Unions *(22 67 13 53-0001)*

22 67 13 53-0059	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union		68.69	15.94
		For Work In Restricted Working Space, Add		*7.16*	
22 67 13 53-0060	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union		76.53	19.26
		For Work In Restricted Working Space, Add		*8.66*	
22 67 13 53-0061	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union		91.31	25.43
		For Work In Restricted Working Space, Add		*11.43*	
22 67 13 53-0062	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union		154.22	38.50
		For Work In Restricted Working Space, Add		*17.33*	
22 67 13 53-0063	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union		209.90	47.82
		For Work In Restricted Working Space, Add		*21.49*	

22 67 13 53-0064 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Caps *(22 67 13 53-0001)*

22 67 13 53-0065	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap		23.73	9.79
		For Work In Restricted Working Space, Add		*4.39*	
22 67 13 53-0066	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap		29.79	12.81
		For Work In Restricted Working Space, Add		*5.78*	
22 67 13 53-0067	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap		35.54	15.94
		For Work In Restricted Working Space, Add		*7.16*	
22 67 13 53-0068	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap		56.32	25.43
		For Work In Restricted Working Space, Add		*11.43*	
22 67 13 53-0069	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap		73.44	32.33
		For Work In Restricted Working Space, Add		*14.52*	

22 67 13 53-0070 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flanges *(22 67 13 53-0001)*

22 67 13 53-0071	EA	1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange		40.95	16.12
		For Work In Restricted Working Space, Add		*7.16*	
22 67 13 53-0072	EA	3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange		48.08	19.08
		For Work In Restricted Working Space, Add		*8.66*	
22 67 13 53-0073	EA	1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange		60.53	25.71
		For Work In Restricted Working Space, Add		*11.43*	
22 67 13 53-0074	EA	1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange		91.63	38.86
		For Work In Restricted Working Space, Add		*17.33*	
22 67 13 53-0075	EA	2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange		110.90	47.82
		For Work In Restricted Working Space, Add		*21.49*	

22 67 13 53-0076 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe And Fittings *(22 67 13 53)*

22 67 13 53-0077 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe *(22 67 13 53-0076)*

22 67 13 53-0078	LF	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe		8.16	2.60
		For Work In Restricted Working Space, Add		*1.15*	
22 67 13 53-0079	LF	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe		10.38	3.22
		For Work In Restricted Working Space, Add		*1.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0080	LF	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	12.96	3.40
		For Work In Restricted Working Space, Add	*1.54*	
22 67 13 53-0081	LF	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	15.96	3.76
		For Work In Restricted Working Space, Add	*1.68*	
22 67 13 53-0082	LF	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe	21.41	4.48
		For Work In Restricted Working Space, Add	*2.01*	

22 67 13 53-0083 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbows *(22 67 13 53-0076)*

22 67 13 53-0084	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	28.85	9.58
		For Work In Restricted Working Space, Add	*4.34*	
22 67 13 53-0085	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	37.35	12.81
		For Work In Restricted Working Space, Add	*5.78*	
22 67 13 53-0086	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	46.49	15.94
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0087	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	68.76	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0088	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow	89.93	32.33
		For Work In Restricted Working Space, Add	*14.52*	

22 67 13 53-0089 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbows *(22 67 13 53-0076)*

22 67 13 53-0090	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	28.68	9.67
		For Work In Restricted Working Space, Add	*4.34*	
22 67 13 53-0091	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	37.43	12.81
		For Work In Restricted Working Space, Add	*5.78*	
22 67 13 53-0092	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	46.57	15.94
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0093	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	69.93	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0094	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow	89.93	32.33
		For Work In Restricted Working Space, Add	*14.52*	

22 67 13 53-0095 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tees *(22 67 13 53-0076)*

22 67 13 53-0096	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	41.05	15.94
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0097	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	49.14	19.26
		For Work In Restricted Working Space, Add	*8.66*	
22 67 13 53-0098	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	61.97	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0099	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	93.62	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 67 13 53-0100	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee	119.20	47.82
		For Work In Restricted Working Space, Add	*21.49*	

22 67 13 53-0101 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tees *(22 67 13 53-0076)*

22 67 13 53-0102	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	47.96	17.91
		For Work In Restricted Working Space, Add	*8.06*	
22 67 13 53-0103	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	58.47	20.87
		For Work In Restricted Working Space, Add	*9.40*	
22 67 13 53-0104	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	61.16	22.66
		For Work In Restricted Working Space, Add	*10.21*	
22 67 13 53-0105	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	87.38	32.23
		For Work In Restricted Working Space, Add	*14.51*	
22 67 13 53-0106	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee	113.46	42.99
		For Work In Restricted Working Space, Add	*19.34*	

22 67 13 53-0107 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Inserts *(22 67 13 53-0076)*

22 67 13 53-0108	EA	3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	33.34	11.37
		For Work In Restricted Working Space, Add	*5.10*	
22 67 13 53-0109	EA	1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	37.95	13.16
		For Work In Restricted Working Space, Add	*5.91*	
22 67 13 53-0110	EA	1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	40.64	14.95
		For Work In Restricted Working Space, Add	*6.72*	
22 67 13 53-0111	EA	1-1/2" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	52.16	17.91
		For Work In Restricted Working Space, Add	*8.06*	
22 67 13 53-0112	EA	1-1/2" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	54.85	19.70
		For Work In Restricted Working Space, Add	*8.87*	
22 67 13 53-0113	EA	1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	56.64	20.87
		For Work In Restricted Working Space, Add	*9.41*	
22 67 13 53-0114	EA	2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert	79.05	29.29
		For Work In Restricted Working Space, Add	*13.16*	

22 67 13 53-0115 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapters *(22 67 13 53-0076)*

22 67 13 53-0116	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	28.85	9.67
		For Work In Restricted Working Space, Add	*4.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0117	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	36.84	12.81
		For Work In Restricted Working Space, Add	*5.78*	
22 67 13 53-0118	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	43.89	15.94
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0119	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	62.39	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0120	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter	86.21	32.23
		For Work In Restricted Working Space, Add	*14.51*	
22 67 13 53-0121		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapters *(22 67 13 53-0076)*		
22 67 13 53-0122	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	28.85	9.67
		For Work In Restricted Working Space, Add	*4.34*	
22 67 13 53-0123	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	36.84	12.81
		For Work In Restricted Working Space, Add	*5.78*	
22 67 13 53-0124	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	43.89	15.94
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0125	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	62.39	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0126	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter	86.25	32.33
		For Work In Restricted Working Space, Add	*14.52*	
22 67 13 53-0127		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Couplings *(22 67 13 53-0076)*		
22 67 13 53-0128	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	27.43	9.67
		For Work In Restricted Working Space, Add	*4.34*	
22 67 13 53-0129	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	35.17	12.81
		For Work In Restricted Working Space, Add	*5.78*	
22 67 13 53-0130	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	42.05	15.94
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0131	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	62.06	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0132	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	79.72	32.33
		For Work In Restricted Working Space, Add	*14.52*	
22 67 13 53-0133		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Unions *(22 67 13 53-0076)*		
22 67 13 53-0134	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	81.66	
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0135	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	95.03	19.26
		For Work In Restricted Working Space, Add	*8.66*	
22 67 13 53-0136	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	116.32	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0137	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	189.24	38.50
		For Work In Restricted Working Space, Add	*17.33*	
22 67 13 53-0138	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	244.97	47.82
		For Work In Restricted Working Space, Add	*21.49*	
22 67 13 53-0139		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Caps *(22 67 13 53-0076)*		
22 67 13 53-0140	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	27.61	9.79
		For Work In Restricted Working Space, Add	*4.39*	
22 67 13 53-0141	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	35.17	12.81
		For Work In Restricted Working Space, Add	*5.78*	
22 67 13 53-0142	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	41.97	15.94
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0143	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	62.23	25.43
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0144	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	79.72	32.33
		For Work In Restricted Working Space, Add	*14.52*	
22 67 13 53-0145		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flanges *(22 67 13 53-0076)*		
22 67 13 53-0146	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	51.68	16.12
		For Work In Restricted Working Space, Add	*7.16*	
22 67 13 53-0147	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	60.03	19.08
		For Work In Restricted Working Space, Add	*8.66*	
22 67 13 53-0148	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	73.78	25.71
		For Work In Restricted Working Space, Add	*11.43*	
22 67 13 53-0149	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	107.35	38.86
		For Work In Restricted Working Space, Add	*17.33*	
22 67 13 53-0150	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	133.60	47.82
		For Work In Restricted Working Space, Add	*21.49*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 Heating, Ventilating, And Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise. HVAC equipment shall conform to California Title 24.

23 01 Operation and Maintenance of HVAC Systems *(23)*

23 01 10 Operation and Maintenance of Facility Fuel Systems *(23 01)*

23 01 10 91 Facility Fuel Systems Restoration *(23 01 10)*

23 01 10 91-0001 Professional Certification For Hospital *(23 01 10 91)*

23 01 10 91-0002	HR	Hospital/Lab Certification - Oxygen, Air, Water Lines, Medical Gases, Nitrogen And Vacuum	155.80

23 01 10 91-0003 Purge Gas Systems *(23 01 10 91)*

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0004	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	449.23
23 01 10 91-0005	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	641.51
23 01 10 91-0006	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	673.06
23 01 10 91-0007	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	741.70
23 01 10 91-0008	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	1,343.04
23 01 10 91-0009	EA	Up To 100', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	603.08
23 01 10 91-0010	EA	>100' To 250', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	865.46
23 01 10 91-0011	EA	>250' To 500', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	913.40
23 01 10 91-0012	EA	>500' To 1,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,017.34
23 01 10 91-0013	EA	>1,000' To 2,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,847.54
23 01 10 91-0014	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems	709.06
23 01 10 91-0015	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems	1,037.00
23 01 10 91-0016	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems	2,343.85
23 01 10 91-0017	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems	3,648.36
23 01 10 91-0018	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems	6,849.34

23 01 20 Operation and Maintenance of HVAC Piping and Pumps *(23 01)*

23 01 20 91 HVAC Piping And Pumps Restoration *(23 01 20)*

23 01 20 91-0001 Lock Out/Tag Out System *(23 01 20 91)*

23 01 20 91-0002	EA	Up To 1", Lock Out/Tag Out Valve	24.32
23 01 20 91-0003	EA	>1" To 3", Lock Out/Tag Out Valve	29.18
23 01 20 91-0004	EA	>3" To 6", Lock Out/Tag Out Valve	34.05
23 01 20 91-0005	EA	>6" To 10", Lock Out/Tag Out Valve	38.92
23 01 20 91-0006	EA	>10" To 14", Lock Out/Tag Out Valve	48.64
23 01 20 91-0007	EA	Lock Out/Tag Out Padlock System	19.46
23 01 20 91-0008	EA	Lock Out/Tag Out Tag	2.76

23 01 20 91-0009 Freeze Pipe Using CO2 Kit *(23 01 20 91)*

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010	EA	Up To 2" Freeze Pipe Using CO2 Kit	133.74

23 01 20 91-0011 Freeze Pipe Using Nitrogen *(23 01 20 91)*

Note: For use on any water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 4" Pipe Freezing Using Nitrogen Note: For each location. Includes freezing on each side of valve or fitting.	1,233.80
23 01 20 91-0013	EA	>4" To 12" Pipe Freezing Using Nitrogen Note: For each location. Includes freezing on each side of valve or fitting.	2,467.60

23 01 20 91-0014 Water/Chlorine Pipe Disinfection/Flush/Testing *(23 01 20 91)*

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 91-0015	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	1.60
23 01 20 91-0016	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	2.20
23 01 20 91-0017	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	3.37
23 01 20 91-0018	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing	4.63
23 01 20 91-0019	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing	5.70
23 01 20 91-0020	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing	7.20
23 01 20 91-0021	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing	9.48
23 01 20 91-0022	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing	11.38

23 01 20 91-0023 Shut Down Existing Piping System *(23 01 20 91)*

23 01 20 91-0024	EA	Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	196.15

23 01 20 91-0025 Purge Liquid Systems *(23 01 20 91)*

Note: Includes collection and refilling/bleeding of system.

23 01 20 91-0026	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System	320.23

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0027	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System	457.35	
23 01 20 91-0028	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System	547.99	
23 01 20 91-0029	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System	579.31	
23 01 20 91-0030	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System	1,105.95	
23 01 20 91-0031	EA	Up To 100', >1-1/2" To 4" Diameter Pipe, Purge Liquid System	426.25	
23 01 20 91-0032	EA	>100 To 250', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	608.27	
23 01 20 91-0033	EA	>250 To 500', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	724.13	
23 01 20 91-0034	EA	>500 To 1,000', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	769.96	
23 01 20 91-0035	EA	>1,000 To 2,000', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	1,483.58	
23 01 20 91-0036	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Liquid System	525.51	
23 01 20 91-0037	EA	>100 To 250', >4" To 10" Diameter Pipe, Purge Liquid System	750.95	
23 01 20 91-0038	EA	>250 To 500', >4" To 10" Diameter Pipe, Purge Liquid System	2,020.31	
23 01 20 91-0039	EA	>1,000 To 2,000', >4" To 10" Diameter Pipe, Purge Liquid System	3,206.13	
23 01 20 91-0040		Special Cleaning Of Piping Systems *(23 01 20 91)*		
23 01 20 91-0041		Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing *(23 01 20 91-0040)*		
23 01 20 91-0042	LF	Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	2.00	
23 01 20 91-0043	LF	>1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	3.32	
23 01 20 91-0044	LF	>2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	4.63	
23 01 20 91-0045	LF	>3" To 4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	6.00	
23 01 20 91-0046	LF	>4" To 6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	8.33	
23 01 20 91-0047		Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing *(23 01 20 91-0040)*		
23 01 20 91-0048	LF	Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	2.14	
23 01 20 91-0049	LF	>1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	3.49	
23 01 20 91-0050	LF	>2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	4.87	
23 01 20 91-0051	LF	>3" To 4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	6.36	
23 01 20 91-0052	LF	>4" To 6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	8.81	
23 01 20 91-0053		Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing *(23 01 20 91-0040)*		
23 01 20 91-0054	LF	Up To 1", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	2.18	
23 01 20 91-0055	LF	>1" To 2", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	3.56	
23 01 20 91-0056	LF	>2" To 3", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	4.98	
23 01 20 91-0057	LF	>3" To 4", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	6.50	
23 01 20 91-0058	LF	>4" To 6", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	8.99	
23 01 20 91-0059		Add-A-Valve Emergency Shut Off Device *(23 01 20 91)*		
23 01 20 91-0060	EA	1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	236.70	
23 01 20 91-0061	EA	3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	297.37	
23 01 20 91-0062	EA	1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	409.16	
23 01 20 91-0063	EA	1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	620.01	
23 01 20 91-0064	EA	1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	763.57	
23 01 20 91-0065	EA	2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	1,145.16	
23 01 30		Operation and Maintenance of HVAC Air Distribution *(23 01)*		
23 01 30 51		**HVAC Air-Distribution System Cleaning** ***(23 01 30)***		
23 01 30 51-0001		Special Cleaning Of Ductwork *(23 01 30 51)* Note: Includes sealing registers, grilles, diffusers as required.		
23 01 30 51-0002	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork	3.21	
		For Exhaust Ductwork, Add	*0.80*	
23 01 30 51-0003	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork	4.01	
		For Exhaust Ductwork, Add	*1.00*	
23 01 30 51-0004	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork	5.38	
		For Exhaust Ductwork, Add	*1.35*	
23 01 30 51-0005	LF	>8 SF Cross Section, Clean Supply/Return Ductwork	7.60	
		For Exhaust Ductwork, Add	*1.90*	
23 01 30 51-0006	SF	Clean Duct Dampers	10.82	
23 01 30 51-0007	SF	Clean Duct Fire Dampers	21.63	
23 01 30 51-0008	SF	Clean Louver	8.66	
23 01 30 51-0009	EA	Clean Turning Vane Set	25.96	
23 01 30 51-0010	EA	Clean Grille/Diffuser/Register Note: Includes removal and reinstallation.	25.96	
23 01 30 51-0011	LF	Clean Linear Diffuser Note: Includes removal and reinstallation.	6.49	
23 01 30 51-0012	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	97.21	
		For Stainless Steel, Add	*77.62*	
23 01 30 51-0013	EA	Clean Variable Air Volume (VAV) Unit	77.88	
23 01 30 51-0014	EA	Clean Fan Powered Induction Unit (PIU) Unit	103.84	
23 01 30 51-0015	EA	Clean Fan Coil Unit (FCU) Unit	103.84	
23 01 30 51-0016	EA	Clean Supply Or Return Fan	207.69	
23 01 30 51-0017	EA	Clean Exhaust Fan	181.72	
23 01 30 51-0018	EA	Clean Duct Coil	155.76	
23 01 30 51-0019	SF	Clean Air Handling Unit Interior Housing, HEPA Vacuum Note: Excluding fan and coils.	5.19	
23 01 30 51-0020	EA	Clean Air Handling Unit Fan	207.69	
23 01 30 51-0021	EA	Clean Air Handling Unit Coil	311.53	
23 01 30 51-0022	SF	Clean Equipment Surfaces, Rust Reform And Prime	2.60	
23 01 30 51-0023	SF	Clean Interior Equipment Surfaces, Rust Reform And Prime	3.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 30 51-0024	SF	HEPA Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.53	
23 01 30 51-0025	EA	Cleaning Of Ductwork Minimum Set-up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	724.86	
23 01 30 51-0026	SF	Apply Antimicrobial Agent To Ductwork And Surfaces After Cleaning	0.45	

23 01 30 61 HVAC Air-Distribution Duct Repair *(23 01 30)*

23 01 30 61-0001 Repair And Seal Ductwork *(23 01 30 61)*

Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.

23 01 30 61-0002	SF	Repair And Sealing Of Ductwork Note: Clean, apply sealant and tape	1.73	

23 01 50 Operation and Maintenance of Central Heating Equipment *(23 01)*

23 01 50 61 Central Heating Equipment Repair *(23 01 50)*

23 01 50 61-0001 Boiler Repairs *(23 01 50 61)*

23 01 50 61-0002 Setup And Maintenance *(23 01 50 61-0001)*

23 01 50 61-0003	EA	Set-up Charge For Boiler Fire Side Maintenance Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.	2,080.76	
23 01 50 61-0004	EA	Close-up Charge For Boiler Fire Side Maintenance Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.	2,215.63	
		For Burner Seals, Add *Note: Used when burner must be removed from door for maintenance.*	*608.08*	
23 01 50 61-0005	EA	Setup Charge For Boiler Water Side Maintenance Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	2,774.35	
23 01 50 61-0006	EA	Up To 100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	1,387.17	
23 01 50 61-0007	EA	>100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	2,774.35	
23 01 50 61-0008	EA	Removal And Replacement Of Handhole	86.70	
23 01 50 61-0009	EA	Removal And Replacement Of Manhole	260.10	
23 01 50 61-0010	SF	Sheet Metal Jacket Patch	9.61	

23 01 50 61-0011 Boiler Tube Replacement *(23 01 50 61-0001)*

23 01 50 61-0012	EA	Removal Of Up To 2" Boiler Tube	208.07	
23 01 50 61-0013	EA	Removal Of >2" To 3" Boiler Tube	260.11	
23 01 50 61-0014	EA	Removal Of >3" To 4" Boiler Tube	364.12	
23 01 50 61-0015	LF	Place 1-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	6.51	
23 01 50 61-0016	LF	Place 2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	7.54	
23 01 50 61-0017	LF	Place 2-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	8.57	
23 01 50 61-0018	LF	Place 3" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	12.04	
23 01 50 61-0019	LF	Place 3-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	14.03	
23 01 50 61-0020	LF	Place 4" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	17.78	
23 01 50 61-0021	EA	1-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	26.00	
23 01 50 61-0022	EA	2" Rolled Boiler Tube Termination (2 Per New Tube)	39.02	
23 01 50 61-0023	EA	2-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	52.02	
23 01 50 61-0024	EA	3" Rolled Boiler Tube Termination (2 Per New Tube)	65.02	
23 01 50 61-0025	EA	3-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	78.03	
23 01 50 61-0026	EA	4" Rolled Boiler Tube Termination (2 Per New Tube)	91.04	
23 01 50 61-0027	EA	1-1/2" Welded Boiler Tube Termination (2 Per New Tube)	78.03	
23 01 50 61-0028	EA	2" Welded Boiler Tube Termination (2 Per New Tube)	104.04	
23 01 50 61-0029	EA	2-1/2" Welded Boiler Tube Termination (2 Per New Tube)	130.04	
23 01 50 61-0030	EA	3" Welded Boiler Tube Termination (2 Per New Tube)	156.06	
23 01 50 61-0031	EA	3-1/2" Welded Boiler Tube Termination (2 Per New Tube)	182.06	
23 01 50 61-0032	EA	4" Welded Boiler Tube Termination (2 Per New Tube)	208.07	
23 01 50 61-0033	EA	Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced	246.62	

23 01 50 61-0034 Cast Iron Boiler Section Replacement *(23 01 50 61-0001)*

23 01 50 61-0035	EA	Replace Front Section Of Weil McLain Model 80 Cast Iron Boiler	2,217.86	
23 01 50 61-0036	EA	Replace Rear Section Of Weil McLain Model 80 Cast Iron Boiler	1,501.83	
23 01 50 61-0037	EA	Replace Inside Section Of Weil McLain Model 80 Cast Iron Boiler	1,934.97	
23 01 50 61-0038	EA	Replace Front Section Of Weil McLain Model 88 Cast Iron Boiler	4,038.49	
23 01 50 61-0039	EA	Replace Rear Section Of Weil McLain Model 88 Cast Iron Boiler	2,931.88	
23 01 50 61-0040	EA	Replace Inside Section Of Weil McLain Model 88 Cast Iron Boiler	3,497.42	
23 01 50 61-0041	EA	Replace Front Section Of Weil McLain Model 94 Cast Iron Boiler	6,494.03	
23 01 50 61-0042	EA	Replace Rear Section Of Weil McLain Model 94 Cast Iron Boiler	4,981.01	
23 01 50 61-0043	EA	Replace Inside Section Of Weil McLain Model 94 Cast Iron Boiler	5,466.00	

23 01 50 61-0044 Cast Iron Grate Replacement *(23 01 50 61-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0045	SF	Replace Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	93.54	
23 01 50 61-0046	EA	Prepare Cast Iron Boiler Grate Mold Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	1,235.09	
23 01 50 61-0047		Replacement Or Conversion Of Boiler Burners *(23 01 50 61-0001)* Note: Includes mounting plate, mechanical and electrical labor for installation of burners.		
23 01 50 61-0048	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed	6,568.66	954.94
23 01 50 61-0049	EA	2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed	9,392.15	1,182.28
23 01 50 61-0050	EA	2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed	11,109.60	1,432.31
23 01 50 61-0051	EA	3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged	13,038.86	1,540.80
23 01 50 61-0052		Boiler And Chiller Water Treatment *(23 01 50 61)* Note: 3 LB chemical per 50 gallon system water.		
23 01 50 61-0053	LB	Boil Out Boiler And System With Caustic Soda Note: Includes disposal after treatment.	0.96	
23 01 50 61-0054	LB	Boil Out Boiler And System With Trisodium Phosphate Note: Includes disposal after treatment.	1.44	
23 01 50 61-0055	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	90.29	

23 01 60 Operation and Maintenance of Central Cooling Equipment *(23 01)*

23 01 60 71 Refrigerant Recovery/Recycling *(23 01 60)*

23 01 60 71-0001		Refrigerant Recovery, Reclaim And Recycling *(23 01 60 71)*		
23 01 60 71-0002	LB	Recovery Of Refrigerant	7.63	
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant Note: Includes cleaning refrigerant gas prior to recharging.	14.30	

23 05 Common Work Results For HVAC *(23)*

23 05 13 Common Motor Requirements For HVAC Equipment *(23 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001		Premium Efficient, Motors *(23 05 13)* Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation. See CSI section 23 05 13 00-0216 for installation.		
23 05 13 00-0002		Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0001)* Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
23 05 13 00-0003		Steel Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*		
23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	565.46	
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	640.29	
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	750.68	
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	630.47	
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	669.72	
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	878.25	
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	740.87	
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	717.56	
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	897.87	
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	750.68	
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	773.98	
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,143.19	
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	819.37	
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	847.58	
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,497.68	
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,300.20	
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,246.23	
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,795.74	
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,486.64	
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,508.72	
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,336.67	
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,112.21	
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,136.74	
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,151.14	
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,481.41	
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,682.57	
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,835.58	
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,979.41	
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,270.12	
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,632.87	
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,515.44	
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,575.54	
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,832.80	
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,529.83	
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,664.76	
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,933.39	
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,148.04	
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,242.17	
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,481.35	
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	8,188.78	
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,955.73	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	8,753.02	
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	9,255.92	
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	10,985.43	
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	11,354.64	
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	13,551.48	
23 05 13 00-0050		Cast Iron Frame, Premium Efficient, Open Drip Proof Motors *(23 05 13 00-0002)*		
23 05 13 00-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	6,884.91	
23 05 13 00-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	8,334.75	
23 05 13 00-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	10,581.88	
23 05 13 00-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	11,781.49	
23 05 13 00-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	12,967.62	
23 05 13 00-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	14,004.09	
23 05 13 00-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	12,613.13	
23 05 13 00-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	16,492.86	
23 05 13 00-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	15,357.03	
23 05 13 00-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	15,761.81	
23 05 13 00-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	21,680.16	
23 05 13 00-0062		Premium Efficient, TEFC Motors *(23 05 13 00-0001)*		
		Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.		
23 05 13 00-0063		Steel Frame, Premium Efficient, TEFC Motors *(23 05 13 00-0062)*		
23 05 13 00-0064	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor	661.14	
23 05 13 00-0065	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	728.60	
23 05 13 00-0066	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	867.21	
23 05 13 00-0067	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	749.45	
23 05 13 00-0068	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	756.81	
23 05 13 00-0069	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	820.60	
23 05 13 00-0070	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	785.02	
23 05 13 00-0071	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	910.14	
23 05 13 00-0072	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	867.21	
23 05 13 00-0073	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,392.19	
23 05 13 00-0074	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,009.49	
23 05 13 00-0075	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	949.39	
23 05 13 00-0076	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,572.50	
23 05 13 00-0077	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,512.40	
23 05 13 00-0078	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,368.89	
23 05 13 00-0079	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,533.25	
23 05 13 00-0080	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,545.52	
23 05 13 00-0081		Cast Iron Frame, Premium Efficient, TEFC Motors *(23 05 13 00-0062)*		
23 05 13 00-0082	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	943.26	
23 05 13 00-0083	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,056.10	
23 05 13 00-0084	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	996.00	
23 05 13 00-0085	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	977.60	
23 05 13 00-0086	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,257.26	
23 05 13 00-0087	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,047.52	
23 05 13 00-0088	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,024.21	
23 05 13 00-0089	EA	2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,276.89	
23 05 13 00-0090	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,130.93	
23 05 13 00-0091	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,162.82	
23 05 13 00-0092	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,590.90	
23 05 13 00-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,392.19	
23 05 13 00-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,164.04	
23 05 13 00-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,846.03	
23 05 13 00-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,611.75	
23 05 13 00-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,552.88	
23 05 13 00-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,632.28	
23 05 13 00-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,888.96	
23 05 13 00-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,741.77	
23 05 13 00-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,005.17	
23 05 13 00-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,602.85	
23 05 13 00-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,382.06	
23 05 13 00-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,008.53	
23 05 13 00-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,856.75	
23 05 13 00-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,888.64	
23 05 13 00-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,336.94	
23 05 13 00-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,727.64	
23 05 13 00-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,777.93	
23 05 13 00-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,038.55	
23 05 13 00-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,429.25	
23 05 13 00-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,482.00	
23 05 13 00-0113	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,975.67	
23 05 13 00-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,071.67	
23 05 13 00-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,860.69	
23 05 13 00-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,692.91	
23 05 13 00-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,642.04	
23 05 13 00-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,405.31	
23 05 13 00-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,504.60	
23 05 13 00-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,330.75	
23 05 13 00-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,216.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	12,750.51	
23 05 13 00-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,855.41	
23 05 13 00-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,776.91	
23 05 13 00-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	14,847.99	
23 05 13 00-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,383.43	
23 05 13 00-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	16,568.91	
23 05 13 00-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	19,058.91	
23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	23,953.04	

23 05 13 00-0130 Premium Efficient, Severe Duty Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	980.05	
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,076.95	
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,189.80	
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,671.86	
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,114.98	
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,097.81	
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,392.19	
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,080.31	
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,166.50	
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,145.64	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,410.59	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,623.70	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,379.92	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,449.84	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,036.16	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,845.71	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,697.61	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,475.60	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,063.14	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,529.83	
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,215.24	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,858.30	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,952.43	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,179.93	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,358.75	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,225.05	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,835.58	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,042.23	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,017.44	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,834.67	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,397.36	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,066.12	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,520.34	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,040.74	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,974.77	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,195.82	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,230.54	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,979.09	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,243.39	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,157.85	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,724.86	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,048.95	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,086.07	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,182.06	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,032.36	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,425.84	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,256.57	
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,686.14	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,776.91	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,725.71	
23 05 13 00-0181	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,596.54	
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,047.67	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,364.45	
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	17,764.85	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,143.60	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,917.91	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	19,539.74	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	17,794.29	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	17,636.05	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	22,073.89	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	20,860.79	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	20,660.85	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	24,887.71	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	24,702.50	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	24,854.60	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	32,600.57	

23 05 13 00-0197 Premium Efficient, Explosion Proof Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,307.56	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,354.17	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,476.83	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,825.18	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,023.89	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,789.29	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,846.94	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,853.98	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,393.68	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,772.38	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	6,478.90	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	8,472.13	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	9,541.72	
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	13,347.86	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	15,669.82	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	19,088.35	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	24,949.04	
23 05 13 00-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	28,466.93	

23 05 13 00-0216 Motor Mounting *(23 05 13)*

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

23 05 13 00-0217	EA	1/2 HP Motor Mounting	156.84	79.80
23 05 13 00-0218	EA	3/4 HP Motor Mounting	180.71	99.76
23 05 13 00-0219	EA	1 HP Motor Mounting	193.32	99.76
23 05 13 00-0220	EA	1-1/2 HP Motor Mounting	207.82	99.76
23 05 13 00-0221	EA	2 HP Motor Mounting	224.67	119.70
23 05 13 00-0222	EA	3 HP Motor Mounting	259.77	119.70
23 05 13 00-0223	EA	5 HP Motor Mounting	307.87	199.50
23 05 13 00-0224	EA	7-1/2 HP Motor Mounting	395.84	199.50
23 05 13 00-0225	EA	10 HP Motor Mounting	519.54	349.13
23 05 13 00-0226	EA	15 HP Motor Mounting	639.43	349.13
23 05 13 00-0227	EA	20 HP Motor Mounting	755.70	498.76
23 05 13 00-0228	EA	25 HP Motor Mounting	856.97	498.76
23 05 13 00-0229	EA	30 HP Motor Mounting	1,039.08	498.76
23 05 13 00-0230	EA	40 HP Motor Mounting	1,170.80	748.14
23 05 13 00-0231	EA	50 HP Motor Mounting	1,298.85	748.14
23 05 13 00-0232	EA	75 HP Motor Mounting	1,568.43	1,097.27
23 05 13 00-0233	EA	100 HP Motor Mounting	1,889.23	1,097.27
23 05 13 00-0234	EA	125 HP Motor Mounting	2,309.06	1,496.27
23 05 13 00-0235	EA	150 HP Motor Mounting	2,681.50	1,496.27
23 05 13 00-0236	EA	200 HP Motor Mounting	3,078.75	1,795.53

23 05 16 Expansion Fittings And Loops For HVAC Piping *(23 05)*

23 05 16 00-0001 Stainless Steel Bellows Type Expansion Joints *(23 05 16)*

Note: Includes internal sleeves and external covers.

23 05 16 00-0002 Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0003	EA	1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	180.79	78.44
		For 300 LB Rating, Add	*5.95*	
23 05 16 00-0004	EA	3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	202.91	88.47
		For 300 LB Rating, Add	*6.52*	
23 05 16 00-0005	EA	1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	236.76	101.42
		For 300 LB Rating, Add	*8.50*	
23 05 16 00-0006	EA	1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	266.93	113.19
		For 300 LB Rating, Add	*10.20*	
23 05 16 00-0007	EA	1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	288.62	121.66
		For 300 LB Rating, Add	*11.33*	
23 05 16 00-0008	EA	2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	333.83	143.16
		For 300 LB Rating, Add	*11.90*	

23 05 16 00-0009 Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0010	EA	1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	642.89	78.39
		For 300 LB Rating, Add	*136.38*	
23 05 16 00-0011	EA	1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	699.06	94.07
		For 300 LB Rating, Add	*145.30*	
23 05 16 00-0012	EA	2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	730.61	119.42
		For 300 LB Rating, Add	*145.32*	
23 05 16 00-0013	EA	2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	787.25	129.91
		For 300 LB Rating, Add	*156.09*	
23 05 16 00-0014	EA	3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	865.31	152.31
		For 300 LB Rating, Add	*168.67*	
23 05 16 00-0015	EA	4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,047.72	255.33
		For 300 LB Rating, Add	*181.94*	
23 05 16 00-0016	EA	5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,425.86	273.05
		For 300 LB Rating, Add	*271.27*	
23 05 16 00-0017	EA	6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,309.87	303.39
		For 300 LB Rating, Add	*232.32*	
23 05 16 00-0018	EA	8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,686.09	387.67
		For 300 LB Rating, Add	*301.13*	
23 05 16 00-0019	EA	10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,148.02	471.94
		For 300 LB Rating, Add	*389.53*	
23 05 16 00-0020	EA	12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,829.34	357.50
		For 300 LB Rating, Add	*528.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0021	EA	14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,612.30	674.21
		For 300 LB Rating, Add	*692.39*	
23 05 16 00-0022	EA	16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	4,691.87	741.62
		For 300 LB Rating, Add	*941.21*	

23 05 16 00-0023 Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0024	EA	1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	653.10	107.51
		For 300 LB Rating, Add	*109.54*	
23 05 16 00-0025	EA	1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	683.63	108.40
		For 300 LB Rating, Add	*116.70*	
23 05 16 00-0026	EA	2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	691.08	111.99
		For 300 LB Rating, Add	*116.72*	
23 05 16 00-0027	EA	2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	745.98	122.11
		For 300 LB Rating, Add	*125.37*	
23 05 16 00-0028	EA	3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	830.53	143.61
		For 300 LB Rating, Add	*135.75*	
23 05 16 00-0029	EA	4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,155.90	285.97
		For 300 LB Rating, Add	*146.13*	
23 05 16 00-0030	EA	5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,440.94	285.44
		For 300 LB Rating, Add	*217.88*	
23 05 16 00-0031	EA	6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,378.00	316.03
		For 300 LB Rating, Add	*186.60*	
23 05 16 00-0032	EA	8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,688.64	361.12
		For 300 LB Rating, Add	*241.86*	
23 05 16 00-0033	EA	10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,134.58	442.45
		For 300 LB Rating, Add	*312.86*	
23 05 16 00-0034	EA	12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,770.06	536.33
		For 300 LB Rating, Add	*424.37*	
23 05 16 00-0035	EA	14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,403.07	546.11
		For 300 LB Rating, Add	*577.65*	
23 05 16 00-0036	EA	16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	4,506.55	682.64
		For 300 LB Rating, Add	*785.25*	

23 05 16 00-0037 Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0038 Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints *(23 05 16 00-0037)*

23 05 16 00-0039	EA	2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	506.08	119.42
23 05 16 00-0040	EA	2-1/2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	546.10	129.91
23 05 16 00-0041	EA	3" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	604.72	152.31
23 05 16 00-0042	EA	4" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	766.63	255.33
23 05 16 00-0043	EA	5" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,006.75	273.05
23 05 16 00-0044	EA	6" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	950.94	303.39
23 05 16 00-0045	EA	8" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,220.85	387.67
23 05 16 00-0046	EA	10" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	1,546.20	471.94
23 05 16 00-0047	EA	12" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	2,013.04	357.91
23 05 16 00-0048	EA	14" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	2,542.56	674.21
23 05 16 00-0049	EA	16" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	3,237.70	741.62
23 05 16 00-0050	EA	18" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	4,175.48	822.53
23 05 16 00-0051	EA	20" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	4,852.56	927.03
23 05 16 00-0052	EA	24" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	5,613.04	1,137.72
23 05 16 00-0053	EA	30" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	7,452.67	1,854.06
23 05 16 00-0054	EA	36" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint	9,583.52	2,472.08

23 05 16 00-0055 Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0056 Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joints *(23 05 16 00-0055)*

23 05 16 00-0057	EA	2" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	764.07	119.42
23 05 16 00-0058	EA	2-1/2" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	823.20	129.91
23 05 16 00-0059	EA	3" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	904.15	152.31
23 05 16 00-0060	EA	4" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	1,089.62	255.33
23 05 16 00-0061	EA	5" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	1,488.33	273.05
23 05 16 00-0062	EA	6" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	1,363.38	303.39
23 05 16 00-0063	EA	8" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	1,755.44	387.67
23 05 16 00-0064	EA	10" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	2,237.73	471.94
23 05 16 00-0065	EA	12" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	2,951.01	357.91
23 05 16 00-0066	EA	14" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	3,771.75	674.21
23 05 16 00-0067	EA	16" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	4,908.62	741.62
23 05 16 00-0068	EA	18" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	6,451.41	822.53
23 05 16 00-0069	EA	20" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	7,523.66	927.03
23 05 16 00-0070	EA	24" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	8,643.63	1,137.72
23 05 16 00-0071	EA	30" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	11,166.03	1,854.06
23 05 16 00-0072	EA	36" Flanged, 150 LB, Chlorobutyl Rubber (ClIR) And Polyester Bellows Type Expansion Joint	14,279.13	2,472.08

23 05 16 00-0073 Neoprene Bellows Type Expansion Joints *(23 05 16)*

23 05 16 00-0074 Flanged, 150 LB, Neoprene Bellows Type Expansion Joints *(23 05 16 00-0073)*

Note: Cast iron ends.

23 05 16 00-0075	EA	2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	447.10	119.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0076	EA	2-1/2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	477.22	129.91
23 05 16 00-0077	EA	3" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	509.09	152.31
23 05 16 00-0078	EA	4" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	675.65	255.33
23 05 16 00-0079	EA	5" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	775.05	273.05
23 05 16 00-0080	EA	6" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	821.75	303.39
23 05 16 00-0081	EA	8" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,005.45	387.67
23 05 16 00-0082	EA	10" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,155.15	471.94
23 05 16 00-0083	EA	12" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,322.52	357.75
23 05 16 00-0084	EA	14" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	1,649.24	674.21
23 05 16 00-0085	EA	16" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	2,023.02	741.62
23 05 16 00-0086	EA	18" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	2,517.05	822.53
23 05 16 00-0087	EA	20" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	2,916.51	927.03
23 05 16 00-0088	EA	24" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	3,414.22	1,137.72
23 05 16 00-0089	EA	30" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	4,750.80	1,854.06
23 05 16 00-0090	EA	36" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint	6,171.28	2,472.08

23 05 16 00-0091 Tube And Cover Expansion Joints *(23 05 16)*

Note: Carbon steel split backup rings.

23 05 16 00-0092 Flanged, 150 LB, Tube And Cover Expansion Joints *(23 05 16 00-0091)*

23 05 16 00-0093 Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joints *(23 05 16 00-0092)*

23 05 16 00-0094	EA	1" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	300.02	67.20
23 05 16 00-0095	EA	1-1/4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	276.27	78.39
23 05 16 00-0096	EA	1-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	329.90	94.07
23 05 16 00-0097	EA	2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	387.84	119.42
23 05 16 00-0098	EA	2-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	434.55	129.91
23 05 16 00-0099	EA	3" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	498.60	165.45
23 05 16 00-0100	EA	4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	685.49	277.37
23 05 16 00-0101	EA	5" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	764.58	315.33
23 05 16 00-0102	EA	6" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	824.52	303.39
23 05 16 00-0103	EA	8" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,047.26	344.87
23 05 16 00-0104	EA	10" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,537.38	471.94
23 05 16 00-0105	EA	12" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,934.17	573.07
23 05 16 00-0106	EA	14" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,181.13	674.21
23 05 16 00-0107	EA	16" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,431.04	741.62
23 05 16 00-0108	EA	18" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,651.43	822.53
23 05 16 00-0109	EA	20" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,159.72	927.03
23 05 16 00-0110	EA	24" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,840.48	1,137.72
23 05 16 00-0111	EA	30" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	5,590.62	1,854.06
23 05 16 00-0112	EA	36" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	6,813.70	2,472.08

23 05 16 00-0113 Flanged, 150 LB, Rubber Tube And Cover Expansion Joints *(23 05 16 00-0092)*

23 05 16 00-0114	EA	1" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	286.77	67.20
23 05 16 00-0115	EA	1-1/4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	263.02	78.39
23 05 16 00-0116	EA	1-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	316.65	94.07
23 05 16 00-0117	EA	2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	374.59	119.42
23 05 16 00-0118	EA	2-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	421.30	129.91
23 05 16 00-0119	EA	3" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	485.35	165.45
23 05 16 00-0120	EA	4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	665.61	277.37
23 05 16 00-0121	EA	5" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	744.71	315.33
23 05 16 00-0122	EA	6" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	804.64	303.39
23 05 16 00-0123	EA	8" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,064.63	387.67
23 05 16 00-0124	EA	10" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,464.50	471.94
23 05 16 00-0125	EA	12" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,867.91	573.07
23 05 16 00-0126	EA	14" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,108.25	674.21
23 05 16 00-0127	EA	16" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,358.16	741.62
23 05 16 00-0128	EA	18" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,571.92	822.53
23 05 16 00-0129	EA	20" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,066.96	927.03
23 05 16 00-0130	EA	24" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,727.85	1,137.72
23 05 16 00-0131	EA	30" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	5,265.96	1,854.06
23 05 16 00-0132	EA	36" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	6,628.18	2,472.08

23 05 16 00-0133 Flanged, 125 LB, Buna-N Tube And Cover Expansion Joints *(23 05 16 00-0092)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0134	EA	2" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	381.22	119.42
23 05 16 00-0135	EA	3" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	480.38	165.45
23 05 16 00-0136	EA	4" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	658.98	277.37
23 05 16 00-0137	EA	6" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	748.32	303.39
23 05 16 00-0138	EA	8" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	932.12	387.67
23 05 16 00-0139	EA	10" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,153.10	471.94
23 05 16 00-0140	EA	12" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,380.93	573.07
23 05 16 00-0141		Flanged, Tube And Cover Expansion Joints (Mercer 501) *(23 05 16 00-0091)*		
23 05 16 00-0142		Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joints (501EE) *(23 05 16 00-0141)*		
23 05 16 00-0143	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	528.67	94.07
23 05 16 00-0144	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	593.24	119.42
23 05 16 00-0145	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	620.07	129.91
23 05 16 00-0146	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	710.62	165.45
23 05 16 00-0147	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	930.63	277.37
23 05 16 00-0148	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,029.61	315.33
23 05 16 00-0149	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,076.29	303.39
23 05 16 00-0150	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,429.04	387.67
23 05 16 00-0151	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,762.65	471.94
23 05 16 00-0152	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,046.81	573.07
23 05 16 00-0153	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,353.40	674.21
23 05 16 00-0154	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,570.18	741.62
23 05 16 00-0155	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,817.07	822.53
23 05 16 00-0156	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	3,292.23	927.03
23 05 16 00-0157	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	4,039.25	1,137.72
23 05 16 00-0158	EA	30" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	5,915.27	1,854.06
23 05 16 00-0159	EA	36" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	7,410.00	2,472.08
23 05 16 00-0160	EA	42" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	9,882.64	3,708.12
23 05 16 00-0161	EA	48" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	11,816.61	4,635.16
23 05 16 00-0162	EA	60" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	15,956.09	6,674.62
23 05 16 00-0163		Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 501RR) *(23 05 16 00-0141)*		
23 05 16 00-0164	EA	1-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	502.16	94.07
23 05 16 00-0165	EA	2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	560.11	119.42
23 05 16 00-0166	EA	2-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	586.94	129.91
23 05 16 00-0167	EA	3" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	670.86	165.45
23 05 16 00-0168	EA	4" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	884.25	277.37
23 05 16 00-0169	EA	5" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	983.23	315.33
23 05 16 00-0170	EA	6" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,023.28	303.39
23 05 16 00-0171	EA	8" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,356.16	387.67
23 05 16 00-0172	EA	10" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,676.52	471.94
23 05 16 00-0173	EA	12" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,947.42	573.07
23 05 16 00-0174	EA	14" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,240.76	674.21
23 05 16 00-0175	EA	16" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,450.92	741.62
23 05 16 00-0176	EA	18" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,677.93	822.53
23 05 16 00-0177	EA	20" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,133.22	927.03
23 05 16 00-0178	EA	24" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,847.11	1,137.72
23 05 16 00-0179	EA	30" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	5,643.62	1,854.06
23 05 16 00-0180	EA	36" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	7,085.35	2,472.08
23 05 16 00-0181		Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501) *(23 05 16 00-0141)* Note: 501BB, 501NN or 501NiNi.		
23 05 16 00-0182	EA	1-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	528.67	94.07
23 05 16 00-0183	EA	2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	599.86	119.42
23 05 16 00-0184	EA	2-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	620.07	129.91
23 05 16 00-0185	EA	3" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	710.62	165.45
23 05 16 00-0186	EA	4" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	930.63	277.37
23 05 16 00-0187	EA	5" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,029.61	315.33
23 05 16 00-0188	EA	6" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,082.91	303.39
23 05 16 00-0189	EA	8" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,429.04	387.67
23 05 16 00-0190	EA	10" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,762.65	471.94
23 05 16 00-0191	EA	12" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,046.81	573.07
23 05 16 00-0192	EA	14" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,353.40	674.21
23 05 16 00-0193	EA	16" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,570.18	741.62
23 05 16 00-0194	EA	18" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,817.07	822.53
23 05 16 00-0195	EA	20" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	3,292.23	927.03
23 05 16 00-0196	EA	24" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	4,039.25	1,137.72
23 05 16 00-0197	EA	30" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	5,915.27	1,854.06
23 05 16 00-0198	EA	36" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	7,410.00	2,472.08

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0199		Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joints (Mercer 501NNFA) *(23 05 16 00-0141)*		
23 05 16 00-0200	EA	1-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	548.54	94.07
23 05 16 00-0201	EA	2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	613.11	119.42
23 05 16 00-0202	EA	2-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	639.94	129.91
23 05 16 00-0203	EA	3" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	737.12	165.45
23 05 16 00-0204	EA	4" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	963.76	277.37
23 05 16 00-0205	EA	5" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,062.74	315.33
23 05 16 00-0206	EA	6" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,116.04	303.39
23 05 16 00-0207	EA	8" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,475.42	387.67
23 05 16 00-0208	EA	10" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,822.28	471.94
23 05 16 00-0209	EA	12" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,119.69	573.07
23 05 16 00-0210	EA	14" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,426.28	674.21
23 05 16 00-0211	EA	16" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,656.31	741.62
23 05 16 00-0212	EA	18" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,903.20	822.53
23 05 16 00-0213	EA	20" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,398.24	927.03
23 05 16 00-0214	EA	24" x 10" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	4,178.39	1,137.72
23 05 16 00-0215		Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E) *(23 05 16 00-0141)*		
		Note: Kevlar reinforcement for high temperature.		
23 05 16 00-0216	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	674.43	94.07
23 05 16 00-0217	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	719.12	119.42
23 05 16 00-0218	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	779.08	129.91
23 05 16 00-0219	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	849.75	165.45
23 05 16 00-0220	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,189.03	277.37
23 05 16 00-0221	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,301.26	315.33
23 05 16 00-0222	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,328.06	303.39
23 05 16 00-0223	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,581.43	387.67
23 05 16 00-0224	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	1,881.91	471.94
23 05 16 00-0225	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,278.70	573.07
23 05 16 00-0226	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	2,691.30	674.21
23 05 16 00-0227	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	3,120.10	741.62
23 05 16 00-0228	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	3,466.38	822.53
23 05 16 00-0229	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	4,074.05	927.03
23 05 16 00-0230	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM), Kevlar Reinforced Tube And Cover Expansion Joint (Mercer HT501K-E)	5,284.86	1,137.72
23 05 16 00-0231		Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 800) *(23 05 16 00-0091)*		
23 05 16 00-0232		2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802) *(23 05 16 00-0231)*		
23 05 16 00-0233	EA	1" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	339.77	67.20
23 05 16 00-0234	EA	1-1/2" x 1-3/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	382.76	72.12
23 05 16 00-0235	EA	2" x 1-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	500.48	74.63
23 05 16 00-0236	EA	2-1/2" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	633.47	81.53
23 05 16 00-0237	EA	3" x 2-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	893.65	161.95
23 05 16 00-0238	EA	4" x 2-5/8" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,196.81	207.49
23 05 16 00-0239	EA	5" x 3-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,439.79	226.28
23 05 16 00-0240	EA	6" x 2-3/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	1,567.60	210.69
23 05 16 00-0241	EA	8" x 4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,131.35	240.77
23 05 16 00-0242	EA	10" x 5-1/4" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	2,745.95	286.37
23 05 16 00-0243	EA	12" x 6" 2 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 802)	3,784.81	358.59
23 05 16 00-0244		3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803) *(23 05 16 00-0231)*		
23 05 16 00-0245	EA	1" x 1-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	372.90	67.20
23 05 16 00-0246	EA	1-1/2" x 2" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	415.87	72.12
23 05 16 00-0247	EA	2" x 2-3/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	553.48	74.63
23 05 16 00-0248	EA	2-1/2" x 3-1/4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	706.35	81.53
23 05 16 00-0249	EA	3" x 3-5/8" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	973.16	161.95
23 05 16 00-0250	EA	4" x 3-5/8" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,316.07	207.49
23 05 16 00-0251	EA	5" x 4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,585.56	226.28
23 05 16 00-0252	EA	6" x 4" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	1,746.49	210.69
23 05 16 00-0253	EA	8" x 6" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	2,376.50	240.77
23 05 16 00-0254	EA	10" x 6" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	3,070.60	286.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0255	EA	12" x 7" 3 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 803)	4,241.98	358.59
23 05 16 00-0256		5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805) *(23 05 16 00-0231)*		
23 05 16 00-0257	EA	1" x 3" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	406.03	67.20
23 05 16 00-0258	EA	1-1/2" x 3-1/2" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	508.65	72.12
23 05 16 00-0259	EA	2" x 4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	639.61	74.63
23 05 16 00-0260	EA	2-1/2" x 4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	838.86	81.53
23 05 16 00-0261	EA	3" x 5" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,158.68	161.95
23 05 16 00-0262	EA	4" x 5-1/4" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,494.96	207.49
23 05 16 00-0263	EA	5" x 6" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	1,936.71	226.28
23 05 16 00-0264	EA	6" x 6" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	2,044.64	210.69
23 05 16 00-0265	EA	8" x 8" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	3,045.69	240.77
23 05 16 00-0266	EA	10" x 8" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	4,031.31	286.37
23 05 16 00-0267	EA	12" x 9" 5 Arch, Polytetrafluoroethylene (PTFE) Teflon Expansion Joints (Mercer 805)	5,043.68	358.59
23 05 16 00-0268		Mercer Rubber, Series 450 *(23 05 16 00-0091)*		
23 05 16 00-0269		Expansion Joints, 2 Arch (452) *(23 05 16 00-0268)*		
23 05 16 00-0270	EA	1-1/2" x 12" Expansion Joints, 2 Arch	410.92	72.12
23 05 16 00-0271	EA	2" x 12" Expansion Joints, 2 Arch	455.75	74.63
23 05 16 00-0272	EA	2-1/2" x 12" Expansion Joints, 2 Arch	504.27	81.53
23 05 16 00-0273	EA	3" x 12" Expansion Joints, 2 Arch	709.79	161.95
23 05 16 00-0274	EA	4" x 12" Expansion Joints, 2 Arch	827.43	207.49
23 05 16 00-0275	EA	6" x 12" Expansion Joints, 2 Arch	901.73	210.69
23 05 16 00-0276	EA	8" x 12" Expansion Joints, 2 Arch	1,014.94	240.77
23 05 16 00-0277	EA	10" x 14" Expansion Joints, 2 Arch	1,344.63	286.37
23 05 16 00-0278	EA	12" x 14" Expansion Joints, 2 Arch	1,595.56	358.85
23 05 16 00-0279	EA	14" x 14" Expansion Joints, 2 Arch	1,829.27	363.90
23 05 16 00-0280	EA	16" x 14" Expansion Joints, 2 Arch	2,216.15	453.83
23 05 16 00-0281	EA	18" x 14" Expansion Joints, 2 Arch	2,479.25	514.92
23 05 16 00-0282	EA	20" x 14" Expansion Joints, 2 Arch	2,807.12	579.48
23 05 16 00-0283	EA	24" x 16" Expansion Joints, 2 Arch	3,369.16	711.46
23 05 16 00-0284		Mercer Rubber, Series 502 And 701 *(23 05 16 00-0091)*		
23 05 16 00-0285		2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR) *(23 05 16 00-0284)*		
		Note: Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0286	EA	1-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	621.43	94.31
23 05 16 00-0287	EA	2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	666.12	119.45
23 05 16 00-0288	EA	2-1/2" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	712.82	130.31
23 05 16 00-0289	EA	3" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	770.25	165.66
23 05 16 00-0290	EA	4" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,010.14	278.07
23 05 16 00-0291	EA	5" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,188.62	314.84
23 05 16 00-0292	EA	6" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,215.43	304.48
23 05 16 00-0293	EA	8" x 10" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,455.54	387.67
23 05 16 00-0294	EA	10" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	1,716.27	471.94
23 05 16 00-0295	EA	12" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,009.15	358.59
23 05 16 00-0296	EA	14" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,466.03	674.21
23 05 16 00-0297	EA	16" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	2,855.08	741.62
23 05 16 00-0298	EA	18" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	3,161.60	822.53
23 05 16 00-0299	EA	20" x 12" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	3,583.76	927.03
23 05 16 00-0300	EA	24" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	4,284.40	1,137.72
23 05 16 00-0301	EA	30" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	6,385.69	1,854.06
23 05 16 00-0302	EA	36" x 14" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	8,059.31	2,472.08
23 05 16 00-0303	EA	42" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	10,902.98	3,708.12
23 05 16 00-0304	EA	48" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	12,976.09	4,635.16
23 05 16 00-0305	EA	60" x 16" 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR)	17,751.63	6,674.62
23 05 16 00-0306		2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N) *(23 05 16 00-0284)*		
		Note: Butyl 502B, Neoprene 502N. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0307	EA	1-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	674.43	94.31
23 05 16 00-0308	EA	2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	719.12	119.45
23 05 16 00-0309	EA	2-1/2" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	772.46	130.31
23 05 16 00-0310	EA	3" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	829.88	165.66
23 05 16 00-0311	EA	4" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,063.14	278.07
23 05 16 00-0312	EA	5" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,268.13	314.84
23 05 16 00-0313	EA	6" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,281.68	304.48
23 05 16 00-0314	EA	8" x 10" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,554.93	387.67
23 05 16 00-0315	EA	10" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	1,822.28	471.94
23 05 16 00-0316	EA	12" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,121.79	358.59
23 05 16 00-0317	EA	14" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	2,618.42	674.21
23 05 16 00-0318	EA	16" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,033.97	741.62
23 05 16 00-0319	EA	18" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,360.37	822.53
23 05 16 00-0320	EA	20" x 12" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	3,809.03	927.03
23 05 16 00-0321	EA	24" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	4,549.42	1,137.72
23 05 16 00-0322	EA	30" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	6,776.60	1,854.06
23 05 16 00-0323	EA	36" x 14" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	8,523.10	2,472.08
23 05 16 00-0324	EA	42" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	11,499.28	3,708.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0325	EA	48" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	13,665.15	4,635.16
23 05 16 00-0326	EA	60" x 16" 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N)	18,692.47	6,674.62
23 05 16 00-0327		2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joints (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN) *(23 05 16 00-0284)* Note: Nitrile 502Ni, Nitrile/Neoprene 502NiN, Ethylene Propylene Diene Monomer (EPDM) 502E, Neoprene/Natural 502NR or Natural/Neoprene 502RN. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0328	EA	1-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	694.31	94.31
23 05 16 00-0329	EA	2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	758.88	119.45
23 05 16 00-0330	EA	2-1/2" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	805.58	130.31
23 05 16 00-0331	EA	3" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	869.63	165.66
23 05 16 00-0332	EA	4" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,116.15	278.07
23 05 16 00-0333	EA	5" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,307.88	314.84
23 05 16 00-0334	EA	6" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,347.94	304.48
23 05 16 00-0335	EA	8" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,607.93	387.67
23 05 16 00-0336	EA	10" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	1,888.54	471.94
23 05 16 00-0337	EA	12" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,201.29	358.59
23 05 16 00-0338	EA	14" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	2,697.93	674.21
23 05 16 00-0339	EA	16" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,139.98	741.62
23 05 16 00-0340	EA	18" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,479.63	822.53
23 05 16 00-0341	EA	20" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	3,968.04	927.03
23 05 16 00-0342	EA	24" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	4,695.19	1,137.72
23 05 16 00-0343	EA	30" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	6,796.48	1,854.06
23 05 16 00-0344	EA	36" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	8,788.13	2,472.08
23 05 16 00-0345	EA	42" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	11,870.32	3,708.12
23 05 16 00-0346	EA	48" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	14,075.94	4,635.16
23 05 16 00-0347	EA	60" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN)	19,249.02	6,674.62
23 05 16 00-0348		2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joints (Mercer 502H, 502HN Or 502NH) *(23 05 16 00-0284)* Note: Hypalon 502H, Hypalon/Neoprene 502HN Or Neoprene/Hypalon 502NH. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0349	EA	1-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	727.44	94.31
23 05 16 00-0350	EA	2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	772.13	119.45
23 05 16 00-0351	EA	2-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	825.46	130.31
23 05 16 00-0352	EA	3" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	902.76	165.66
23 05 16 00-0353	EA	4" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,142.65	278.07
23 05 16 00-0354	EA	5" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,360.89	314.84

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0355	EA	6" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,400.94	304.48
23 05 16 00-0356	EA	8" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,660.94	387.67
23 05 16 00-0357	EA	10" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	1,954.79	471.94
23 05 16 00-0358	EA	12" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,294.05	358.59
23 05 16 00-0359	EA	14" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	2,790.69	674.21
23 05 16 00-0360	EA	16" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,259.24	741.62
23 05 16 00-0361	EA	18" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	3,612.14	822.53
23 05 16 00-0362	EA	20" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	4,113.81	927.03
23 05 16 00-0363	EA	24" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	4,847.58	1,137.72
23 05 16 00-0364	EA	30" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	7,233.77	1,854.06
23 05 16 00-0365	EA	36" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	9,106.15	2,472.08
23 05 16 00-0366	EA	42" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	12,241.35	3,708.12
23 05 16 00-0367	EA	48" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	14,393.97	4,635.16
23 05 16 00-0368	EA	60" x 16" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH)	19,673.06	6,674.62

23 05 16 00-0369 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V) *(23 05 16 00-0284)*

Note: Baked enamel, coated ductile iron backup rings.

23 05 16 00-0370	EA	1-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	899.70	94.31
23 05 16 00-0371	EA	2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	984.15	119.45
23 05 16 00-0372	EA	2-1/2" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,050.73	130.31
23 05 16 00-0373	EA	3" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,393.05	165.66
23 05 16 00-0374	EA	4" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	1,844.97	278.07
23 05 16 00-0375	EA	5" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,248.72	314.84
23 05 16 00-0376	EA	6" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	2,421.28	304.48
23 05 16 00-0377	EA	8" x 10" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	3,118.57	387.67
23 05 16 00-0378	EA	10" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	4,114.74	471.94
23 05 16 00-0379	EA	12" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	4,719.02	358.59
23 05 16 00-0380	EA	14" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	5,434.30	674.21
23 05 16 00-0381	EA	16" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	6,625.05	741.62
23 05 16 00-0382	EA	18" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	7,348.98	822.53
23 05 16 00-0383	EA	20" x 12" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	8,619.22	927.03
23 05 16 00-0384	EA	24" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	11,281.03	1,137.72
23 05 16 00-0385	EA	30" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	18,881.57	1,854.06
23 05 16 00-0386	EA	36" x 14" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	23,761.98	2,472.08
23 05 16 00-0387	EA	42" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	31,270.07	3,708.12
23 05 16 00-0388	EA	48" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	36,669.24	4,635.16
23 05 16 00-0389	EA	60" x 16" 2 Arch, Flanged, Viton Tube And Cover Expansion Joint (Mercer 502V)	48,759.44	6,674.62

23 05 16 00-0390 Teflon Lined Expansion Joints (Mercer 701) *(23 05 16 00-0284)*

Note: Natural rubber, neoprene, butyl, ethylene propylene diene monomer (EPDM) Or nitrile. Includes baked enamel coated ductile iron backer rings. Series 701.

23 05 16 00-0391	EA	1-1/2" Teflon Lined Expansion Joint (Mercer 701)	617.95	72.12
		For Hypalon Tube And Cover, Add	*9.47*	
		For Viton Tube And Cover, Add	*473.73*	
23 05 16 00-0392	EA	2" Teflon Lined Expansion Joint (Mercer 701)	715.81	74.63
		For Hypalon Tube And Cover, Add	*11.33*	
		For Viton Tube And Cover, Add	*566.49*	
23 05 16 00-0393	EA	2-1/2" Teflon Lined Expansion Joint (Mercer 701)	813.99	81.53
		For Hypalon Tube And Cover, Add	*13.02*	
		For Viton Tube And Cover, Add	*650.97*	
23 05 16 00-0394	EA	3" Teflon Lined Expansion Joint (Mercer 701)	1,046.17	161.95
		For Hypalon Tube And Cover, Add	*14.44*	
		For Viton Tube And Cover, Add	*722.19*	
23 05 16 00-0395	EA	4" Teflon Lined Expansion Joint (Mercer 701)	1,289.78	207.59
		For Hypalon Tube And Cover, Add	*17.49*	
		For Viton Tube And Cover, Add	*874.58*	
23 05 16 00-0396	EA	5" Teflon Lined Expansion Joint (Mercer 701)	1,520.63	226.08
		For Hypalon Tube And Cover, Add	*21.37*	
		For Viton Tube And Cover, Add	*1,068.38*	
23 05 16 00-0397	EA	6" Teflon Lined Expansion Joint (Mercer 701)	1,577.54	210.69
		For Hypalon Tube And Cover, Add	*23.12*	
		For Viton Tube And Cover, Add	*1,156.17*	
23 05 16 00-0398	EA	8" Teflon Lined Expansion Joint (Mercer 701)	1,885.82	240.60
		For Hypalon Tube And Cover, Add	*28.09*	
		For Viton Tube And Cover, Add	*1,404.63*	
23 05 16 00-0399	EA	10" Teflon Lined Expansion Joint (Mercer 701)	2,366.63	286.37
		For Hypalon Tube And Cover, Add	*35.88*	
		For Viton Tube And Cover, Add	*1,793.88*	
23 05 16 00-0400	EA	12" Teflon Lined Expansion Joint (Mercer 701)	3,021.72	358.85
		For Hypalon Tube And Cover, Add	*46.08*	
		For Viton Tube And Cover, Add	*2,304.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0401	EA	14" Teflon Lined Expansion Joint (Mercer 701)	3,371.92	364.16
		For Hypalon Tube And Cover, Add	*52.87*	
		For Viton Tube And Cover, Add	*2,643.61*	
23 05 16 00-0402	EA	16" Teflon Lined Expansion Joint (Mercer 701)	4,187.26	453.83
		For Hypalon Tube And Cover, Add	*65.59*	
		For Viton Tube And Cover, Add	*3,279.67*	
23 05 16 00-0403	EA	18" Teflon Lined Expansion Joint (Mercer 701)	4,670.45	515.69
		For Hypalon Tube And Cover, Add	*72.78*	
		For Viton Tube And Cover, Add	*3,639.11*	
23 05 16 00-0404	EA	20" Teflon Lined Expansion Joint (Mercer 701)	5,451.77	578.38
		For Hypalon Tube And Cover, Add	*85.90*	
		For Viton Tube And Cover, Add	*4,295.05*	
23 05 16 00-0405	EA	24" Teflon Lined Expansion Joint (Mercer 701)	7,099.78	712.46
		For Hypalon Tube And Cover, Add	*113.50*	
		For Viton Tube And Cover, Add	*5,674.83*	

23 05 16 00-0406 Accessories For Mercer Rubber, Series 451 And 501 *(23 05 16 00-0091)*

23 05 16 00-0407 Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints *(23 05 16 00-0406)*

23 05 16 00-0408	EA	1-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	25.18
23 05 16 00-0409	EA	2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	31.80
23 05 16 00-0410	EA	2-1/2" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	35.78
23 05 16 00-0411	EA	3" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	38.43
23 05 16 00-0412	EA	4" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	56.98
23 05 16 00-0413	EA	5" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	70.23
23 05 16 00-0414	EA	6" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	76.86
23 05 16 00-0415	EA	8" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	84.81
23 05 16 00-0416	EA	10" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	108.66
23 05 16 00-0417	EA	12" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	128.54
23 05 16 00-0418	EA	14" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	172.27
23 05 16 00-0419	EA	16" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	185.52
23 05 16 00-0420	EA	18" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	198.77
23 05 16 00-0421	EA	20" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	218.64
23 05 16 00-0422	EA	24" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	271.65
23 05 16 00-0423	EA	30" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	337.91
23 05 16 00-0424	EA	36" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	410.79
23 05 16 00-0425	EA	42" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	583.05
23 05 16 00-0426	EA	48" Hot-Dipped Galvanized Back-Up Rings For Mercer 451 And 501 Expansion Joints	695.69

23 05 16 00-0427 Control Rods For Mercer 451 And 501 Expansion Joints *(23 05 16 00-0406)*

23 05 16 00-0428	SET	1-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	61.75
23 05 16 00-0429	SET	2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	78.09
23 05 16 00-0430	SET	2-1/2" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	90.80
23 05 16 00-0431	SET	3" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	108.96
23 05 16 00-0432	SET	4" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	108.96
23 05 16 00-0433	SET	5" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	118.05
23 05 16 00-0434	SET	6" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	136.21
23 05 16 00-0435	SET	8" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 2	199.77
23 05 16 00-0436	SET	10" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	390.46
23 05 16 00-0437	SET	12" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	535.74
23 05 16 00-0438	SET	14" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	799.08
23 05 16 00-0439	SET	16" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	898.96
23 05 16 00-0440	SET	18" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	1,198.61
23 05 16 00-0441	SET	20" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	1,280.34
23 05 16 00-0442	SET	24" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	1,443.78
23 05 16 00-0443	SET	30" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	2,115.73
23 05 16 00-0444	SET	36" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 5	3,114.58
23 05 16 00-0445	SET	42" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 3	2,106.65
23 05 16 00-0446	SET	48" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	2,769.52
23 05 16 00-0447	SET	60" Control Rods For Mercer 451 And 501 Expansion Joints, Set Of 4	4,322.27

23 05 17 Sleeves and Sleeve Seals for HVAC Piping *(23 05)*

23 05 17 00-0001 Wall Seals And Sleeves *(23 05 17)*

Note: Up to 12" walls. Excludes drilling hole.

23 05 17 00-0002 Ductile Iron Wall Sleeve *(23 05 17 00-0001)*

Note: Includes rubber gasket seal.

23 05 17 00-0003	EA	3" Ductile Iron Wall Sleeve With Rubber Gasket Seal	103.13	42.63
23 05 17 00-0004	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	126.66	49.79
23 05 17 00-0005	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	154.61	59.73
23 05 17 00-0006	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	220.54	89.55
23 05 17 00-0007	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	284.51	119.37
23 05 17 00-0008	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	351.17	149.28

23 05 17 00-0009 Steel Pipe Sleeves *(23 05 17 00-0001)*

Note: Includes link seals 12" length.

23 05 17 00-0010	EA	2" Steel Pipe Sleeve With Link Seals	113.60	43.20
23 05 17 00-0011	EA	2-1/2" Steel Pipe Sleeve With Link Seals	137.96	46.83
23 05 17 00-0012	EA	3" Steel Pipe Sleeve With Link Seals	161.18	50.46
23 05 17 00-0013	EA	4" Steel Pipe Sleeve With Link Seals	199.20	60.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 17 00-0014	EA	6" Steel Pipe Sleeve With Link Seals	284.89	75.60
23 05 17 00-0015	EA	10" Steel Pipe Sleeve With Link Seals	475.88	90.75
23 05 17 00-0016	EA	13.25" Inside Diameter Steel Pipe Sleeve With Link Seals	563.66	113.43
23 05 17 00-0017	EA	17.25" Inside Diameter Steel Pipe Sleeve With Link Seals	746.54	139.57
23 05 17 00-0018	EA	23.25" Inside Diameter Steel Pipe Sleeve With Link Seals	1,017.72	181.50
23 05 17 00-0019	EA	29.25" Inside Diameter Steel Pipe Sleeve With Link Seals	1,115.18	226.88

23 05 19 Meters And Gages For HVAC Piping *(23 05)*

23 05 19 00-0001 Thermometers *(23 05 19)*

23 05 19 00-0002 Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers
(23 05 19 00-0001)
Note: Various ranges.

23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	99.22	31.15
23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	117.58	31.15
23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	117.58	31.15

23 05 19 00-0006 Liquid Filled Industrial Union Connection Type Thermometers *(23 05 19 00-0001)*
Note: Various ranges.

23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	135.94	31.15
23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	135.94	31.15
23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	174.34	31.15
23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	140.95	31.15
23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	149.30	31.15
23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	179.35	31.15

23 05 19 00-0013 Liquid Filled Industrial Separable Socket Type Thermometers *(23 05 19 00-0001)*
Note: Various ranges. Socket connection for thermowell.

23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	135.94	31.15
23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	135.94	31.15
23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	174.34	31.15
23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	157.65	31.15
23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	174.34	31.15
23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	178.60	31.15

23 05 19 00-0020 1" NPT, 304 Stainless Steel Thermowells *(23 05 19 00-0001)*

23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell	148.03	58.40
23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell	147.97	58.40

23 05 19 00-0023 Pressure Gauges *(23 05 19)*

23 05 19 00-0024 Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*

23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	35.02	12.16
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	44.87	12.16

23 05 19 00-0027 Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*

23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	164.74	12.16
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	164.74	12.16
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	212.42	12.16
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	493.22	12.16

23 05 19 00-0032 Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*
Note: Liquid filled.

23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	91.18	12.16
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	198.07	12.16

23 05 19 00-0035 Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges *(23 05 19 00-0023)*

23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	323.17	12.16
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	323.17	12.16
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	323.17	12.16

23 05 19 00-0039 Gauge Accessories *(23 05 19 00-0023)*

23 05 19 00-0040	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer)	66.51	9.73
23 05 19 00-0041	EA	1/4" Snubber Valve	43.16	9.73
23 05 19 00-0042	EA	1/4" Female Pipe Thread, Brass Gauge Cock	27.54	14.60
23 05 19 00-0043	EA	1/4" Male Pipe Thread, Brass Gauge Cock	24.28	14.60
23 05 19 00-0044	EA	1/4" Pressure Pigtail Steam Siphon	26.16	14.60
23 05 19 00-0045	EA	1/4" x 3" Long Black Steel Nipple	5.62	4.87
23 05 19 00-0046	EA	1/4" Steel Thread-O-Let	59.88	24.34
23 05 19 00-0047	EA	1/4", 300 LB, Black Steel Union	58.75	9.73
23 05 19 00-0048	EA	1/4", Black Steel Coupling	20.92	9.73
23 05 19 00-0049	EA	1/4", 300 LB, Black Steel Plug	12.01	5.83
23 05 19 00-0050	EA	1/4", 150 LB, Black Steel Cap	12.50	5.83
23 05 19 00-0051	LF	1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	6.47	3.21
23 05 19 00-0052	LF	1/4" Schedule 80, Plain End, Black Steel Pipe	6.18	3.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0053	LF	1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	6.77	
23 05 19 00-0054	EA	1/4" Threaded, 800 LB, Forged Steel, Ball Valve	80.75	
23 05 19 00-0055		**Valve Lock Covers** *(23 05 19)*		
23 05 19 00-0056	EA	Valve Lock Cover	57.89	14.89
23 05 19 00-0057		**Venturi Flowmeters** *(23 05 19)*		
23 05 19 00-0058		**Threaded, Brass, Venturi Flowmeters** *(23 05 19 00-0057)*		
23 05 19 00-0059	EA	3/4" Threaded, Brass, Venturi Flowmeter	217.79	66.17
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0060	EA	1" Threaded, Brass, Venturi Flowmeter	242.17	79.41
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0061	EA	1-1/4" Threaded, Brass, Venturi Flowmeter	267.27	88.28
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0062	EA	1-1/2" Threaded, Brass, Venturi Flowmeter	301.19	99.27
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0063	EA	2" Threaded, Brass, Venturi Flowmeter	357.32	113.48
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0064	EA	2-1/2" Threaded, Brass, Venturi Flowmeter	484.37	150.89
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0065		**Butt Weld, Carbon Steel, Venturi Flowmeters** *(23 05 19 00-0057)*		
23 05 19 00-0066	EA	3" Butt Weld, Carbon Steel, Venturi Flowmeter	819.76	136.13
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*191.63*	
23 05 19 00-0067	EA	4" Butt Weld, Carbon Steel, Venturi Flowmeter	1,111.47	163.35
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*274.67*	
23 05 19 00-0068	EA	5" Butt Weld, Carbon Steel, Venturi Flowmeter	1,448.65	204.18
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*364.10*	
23 05 19 00-0069	EA	6" Butt Weld, Carbon Steel, Venturi Flowmeter	1,749.03	272.25
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*421.59*	
23 05 19 00-0070	EA	8" Butt Weld, Carbon Steel, Venturi Flowmeter	2,496.70	326.70
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*645.16*	
23 05 19 00-0071	EA	10" Butt Weld, Carbon Steel, Venturi Flowmeter	3,974.08	408.37
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,105.07*	
23 05 19 00-0072	EA	12" Butt Weld, Carbon Steel, Venturi Flowmeter	5,900.23	559.30
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,673.57*	
23 05 19 00-0073	EA	14" Butt Weld, Carbon Steel, Venturi Flowmeter	8,321.08	838.95
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*2,325.11*	
23 05 19 00-0074	EA	16" Butt Weld, Carbon Steel, Venturi Flowmeter	12,175.86	932.17
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*3,609.03*	
23 05 19 00-0075		**Turbine Flowmeter** *(23 05 19)*		
23 05 19 00-0076	EA	Saddle Mount Turbine Flowmeter	559.86	73.00
23 05 19 00-0077		**Sight Flow Indicator** *(23 05 19)*		
23 05 19 00-0078		**Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator** *(23 05 19 00-0077)*		
23 05 19 00-0079	EA	1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	107.13	14.17
23 05 19 00-0080	EA	3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	111.96	14.91
23 05 19 00-0081	EA	1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	120.88	15.67
23 05 19 00-0082	EA	3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	137.13	21.11
23 05 19 00-0083	EA	1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	164.07	25.58
23 05 19 00-0084	EA	1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	187.74	32.40
23 05 19 00-0085	EA	1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	261.82	37.46
23 05 19 00-0086	EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	291.46	44.27
23 05 19 00-0087		**Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator** *(23 05 19 00-0077)*		
23 05 19 00-0088	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	137.18	14.17
23 05 19 00-0089	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	141.34	14.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0090	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	152.26	15.67
23 05 19 00-0091	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	163.84	21.11
23 05 19 00-0092	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	175.42	25.58
23 05 19 00-0093	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	192.41	32.40
23 05 19 00-0094	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	352.64	37.46
23 05 19 00-0095	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	379.61	44.27
23 05 19 00-0096		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator *(23 05 19 00-0077)*		
23 05 19 00-0097	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	195.28	14.17
23 05 19 00-0098	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	206.12	14.91
23 05 19 00-0099	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	223.72	15.67
23 05 19 00-0100	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	245.31	21.11
23 05 19 00-0101	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	282.27	25.58
23 05 19 00-0102	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	301.26	32.40
23 05 19 00-0103	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	593.05	37.46
23 05 19 00-0104	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	626.70	44.27
23 05 19 00-0105		Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators *(23 05 19 00-0077)*		
23 05 19 00-0106	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	135.18	14.17
23 05 19 00-0107	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	140.67	14.91
23 05 19 00-0108	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	148.92	15.67
23 05 19 00-0109	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	163.17	21.11
23 05 19 00-0110	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	174.75	25.58
23 05 19 00-0111	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	192.41	32.40
23 05 19 00-0112	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	348.64	37.46
23 05 19 00-0113	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	374.27	44.27
23 05 19 00-0114		Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators *(23 05 19 00-0077)*		
23 05 19 00-0115	EA	1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	193.94	14.17
23 05 19 00-0116	EA	3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	208.79	14.91
23 05 19 00-0117	EA	1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	227.72	15.67
23 05 19 00-0118	EA	3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	245.31	21.11
23 05 19 00-0119	EA	1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	282.27	25.58
23 05 19 00-0120	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	303.93	32.40
23 05 19 00-0121	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	593.05	37.46
23 05 19 00-0122	EA	2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	626.70	44.27
23 05 19 00-0123		Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators *(23 05 19 00-0077)*		
23 05 19 00-0124	EA	1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	287.61	25.58
23 05 19 00-0125	EA	1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	325.30	32.40
23 05 19 00-0126	EA	1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	370.01	37.46
23 05 19 00-0127	EA	2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	417.01	44.27
23 05 19 00-0128		Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators *(23 05 19 00-0077)*		
23 05 19 00-0129	EA	1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	637.21	102.16
23 05 19 00-0130	EA	2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	716.76	129.69
23 05 19 00-0131	EA	3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,042.99	152.24
23 05 19 00-0132	EA	4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,582.31	255.22
23 05 19 00-0133	EA	6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	2,520.44	303.28
23 05 19 00-0134		Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators *(23 05 19 00-0077)*		
23 05 19 00-0135	EA	1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	487.13	72.97
23 05 19 00-0136	EA	1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	574.55	85.13
23 05 19 00-0137	EA	1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	623.52	102.16
23 05 19 00-0138	EA	2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	781.87	129.69
23 05 19 00-0139	EA	3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,122.79	152.24
23 05 19 00-0140	EA	4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,668.79	255.22

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0141		Flowmeters *(23 05 19)*			
23 05 19 00-0142		Polyvinyl Chloride (PVC) Turbine Flowmeters *(23 05 19 00-0141)*			
23 05 19 00-0143	EA	2", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)		1,464.34	167.30
23 05 19 00-0144	EA	3", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)		1,724.49	178.39
23 05 19 00-0145	EA	4", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)		1,977.21	185.89
23 05 19 00-0146	EA	6", Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)		2,463.53	191.14
23 05 19 00-0147	EA	2", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)		1,410.92	129.73
23 05 19 00-0148	EA	3", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)		1,753.09	165.45
23 05 19 00-0149	EA	4", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)		2,190.92	277.38
23 05 19 00-0150	EA	6", Flanged, Sensor Signal Only, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP100)		2,877.48	350.36
23 05 19 00-0151	EA	2", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)		2,380.06	167.30
		For Analog Output, Add		*75.00*	
23 05 19 00-0152	EA	3", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)		2,640.21	178.39
		For Analog Output, Add		*75.00*	
23 05 19 00-0153	EA	4", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)		2,892.93	185.89
		For Analog Output, Add		*75.00*	
23 05 19 00-0154	EA	6", Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP101)		3,379.25	191.14
		For Analog Output, Add		*75.00*	
23 05 19 00-0155	EA	2", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)		2,326.65	129.73
		For Analog Output, Add		*75.00*	
23 05 19 00-0156	EA	3", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)		2,668.82	165.45
		For Analog Output, Add		*75.00*	
23 05 19 00-0157	EA	4", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)		3,106.64	277.38
		For Analog Output, Add		*75.00*	
23 05 19 00-0158	EA	6", Flanged, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametric WTP101)		3,793.20	350.36
		For Analog Output, Add		*75.00*	
23 05 19 00-0159	EA	2", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)		2,142.21	167.30
23 05 19 00-0160	EA	3", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)		2,402.36	178.39
23 05 19 00-0161	EA	4", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)		2,655.08	185.89
23 05 19 00-0162	EA	6", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)		3,141.40	191.14
23 05 19 00-0163	EA	2", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)		2,261.13	167.40
23 05 19 00-0164	EA	3", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)		2,580.75	178.59
23 05 19 00-0165	EA	4", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)		2,892.93	185.89
23 05 19 00-0166	EA	6", Blind 4-20mA DC, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP102)		3,498.18	191.24
23 05 19 00-0167	EA	2", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)		2,594.13	167.30
23 05 19 00-0168	EA	3", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)		2,854.27	178.39
23 05 19 00-0169	EA	4", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)		3,107.00	185.89
23 05 19 00-0170	EA	6", Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)		3,593.32	191.14
23 05 19 00-0171	EA	2", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)		2,540.71	129.73
23 05 19 00-0172	EA	3", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)		2,882.88	165.45
23 05 19 00-0173	EA	4", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)		3,320.70	277.38
23 05 19 00-0174	EA	6", Flanged, Battery, Rate/Total/Pulse, Polyvinyl Chloride (PVC) Turbine Flowmeter (Seametrics WTP104)		4,007.27	350.36
23 05 19 00-0175		Flanged, Main Line Flowmeters *(23 05 19 00-0141)*			
		Note: Six digit totalizer with rate indicator. AWWA Standard #C704-70.			
23 05 19 00-0176		150 LB, Flanged, Main Line Flow Meters *(23 05 19 00-0175)*			
23 05 19 00-0177	EA	2" x 14" Long, 150 LB, Flanged, Main Line Flow Meter		2,087.25	129.73
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0178	EA	2-1/2" x 16" Long, 150 LB, Flanged, Main Line Flow Meter		2,102.00	141.56
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0179	EA	3" x 16" Long, 150 LB, Flanged, Main Line Flow Meter		2,132.11	165.66
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0180	EA	4" x 20" Long, 150 LB, Flanged, Main Line Flow Meter		2,631.30	278.07
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0181	EA	6" x 22" Long, 150 LB, Flanged, Main Line Flow Meter		3,086.46	350.36
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0182	EA	8" x 24" Long, 150 LB, Flanged, Main Line Flow Meter		3,720.65	447.69
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0183	EA	10" x 26" Long, 150 LB, Flanged, Main Line Flow Meter		4,603.33	528.14
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0184	EA	12" x 28" Long, 150 LB, Flanged, Main Line Flow Meter		5,313.17	641.31
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0185	EA	14" x 42" Long, 150 LB, Flanged, Main Line Flow Meter		6,477.61	754.48
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0186	EA	16" x 48" Long, 150 LB, Flanged, Main Line Flow Meter		7,321.05	829.93
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0187	EA	18" x 54" Long, 150 LB, Flanged, Main Line Flow Meter		8,190.16	920.47
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0188	EA	20" x 60" Long, 150 LB, Flanged, Main Line Flow Meter		9,416.91	1,037.41
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0189	EA	24" x 60" Long, 150 LB, Flanged, Main Line Flow Meter		12,478.88	1,273.18
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0190	EA	30" x 60" Long, 150 LB, Flanged, Main Line Flow Meter		16,141.49	2,074.83
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0191	EA	36" x 60" Long, 150 LB, Flanged, Main Line Flow Meter		19,711.97	2,766.44
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0192		300 LB, Flanged, Main Line Flow Meters *(23 05 19 00-0175)*			
23 05 19 00-0193	EA	2" x 20" Long, 300 LB, Flanged, Main Line Flow Meter		2,355.13	129.76
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	
23 05 19 00-0194	EA	2-1/2" x 20" Long, 300 LB, Flanged, Main Line Flow Meter		2,369.88	141.56
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add		*165.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0195	EA	3" x 20" Long, 300 LB, Flanged, Main Line Flow Meter	2,399.99	165.66
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0196	EA	4" x 24" Long, 300 LB, Flanged, Main Line Flow Meter	2,837.88	277.38
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0197	EA	6" x 26" Long, 300 LB, Flanged, Main Line Flow Meter	3,440.59	350.36
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0198	EA	8" x 28" Long, 300 LB, Flanged, Main Line Flow Meter	4,294.98	447.69
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0199	EA	10" x 30" Long, 300 LB, Flanged, Main Line Flow Meter	5,729.30	528.14
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0200	EA	12" x 32" Long, 300 LB, Flanged, Main Line Flow Meter	7,233.67	641.31
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0201	EA	14" x 42" Long, 300 LB, Flanged, Main Line Flow Meter	8,652.37	754.48
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	
23 05 19 00-0202	EA	16" x 48" Long, 300 LB, Flanged, Main Line Flow Meter	9,931.66	829.93
		For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add	*165.00*	

23 05 19 00-0203 Adjustable, Insertion Turbine Flowmeters *(23 05 19 00-0141)*

23 05 19 00-0204	EA	For 1-1/2" To 3" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter	1,795.06	97.32
23 05 19 00-0205	EA	For 1-1/2" To 10" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter	1,840.46	97.32
23 05 19 00-0206	EA	For 1-1/2" To 3" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	1,470.73	194.64
23 05 19 00-0207	EA	For 1-1/2" To 10" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	1,613.45	97.32
23 05 19 00-0208	EA	For 1-1/2" To 3" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	2,112.87	97.32
23 05 19 00-0209	EA	For 1-1/2" To 10" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter	2,158.28	97.32

23 05 19 00-0210 Epoxy Coated Cast Iron High-Volume Turbine Meters *(23 05 19 00-0141)*

Note: AWWA C-701, Class II.

23 05 19 00-0211 Meters With Mechanical Display *(23 05 19 00-0210)*

23 05 19 00-0212	EA	2", 4.4 To 175 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	1,669.37	167.40
23 05 19 00-0213	EA	3", 6 To 330 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	2,034.45	178.59
23 05 19 00-0214	EA	4", 9 To 440 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	2,544.21	185.89
23 05 19 00-0215	EA	6", 35 To 1,150 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	3,560.48	191.24
23 05 19 00-0216	EA	8", 37 To 2,000 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter)	4,971.83	206.81

23 05 19 00-0217 Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meters *(23 05 19 00-0210)*

23 05 19 00-0218	EA	2", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	1,837.36	167.40
23 05 19 00-0219	EA	3", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	2,206.98	178.59
23 05 19 00-0220	EA	4", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	2,739.43	185.89
23 05 19 00-0221	EA	6", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	3,737.55	191.24
23 05 19 00-0222	EA	8", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter	5,137.55	206.81

23 05 19 00-0223 Bronze High-Volume Turbine Meters *(23 05 19 00-0141)*

Note: AWWA C-701, Class II.

23 05 19 00-0224 Mechanical Display, Bronze High-Volume Turbine Meters *(23 05 19 00-0223)*

23 05 19 00-0225	EA	1-1/2", 3 To 160 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	1,290.70	145.98
23 05 19 00-0226	EA	2", 4 To 350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	1,487.76	167.40
23 05 19 00-0227	EA	3", 5 To 530 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	2,186.55	178.59
23 05 19 00-0228	EA	4", 9 To 1,350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	3,168.48	185.89
23 05 19 00-0229	EA	6", 25 To 2,700 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	5,603.57	191.24

23 05 19 00-0230 Electrical Output, Bronze High-Volume Turbine Meters *(23 05 19 00-0223)*

23 05 19 00-0231	EA	1-1/2", 3 To 160 GPM Electrical Output, Bronze High-Volume Turbine Meter	1,463.23	145.98
23 05 19 00-0232	EA	2", 4 To 350 GPM Electrical Output, Bronze High-Volume Turbine Meter	1,662.56	167.40
23 05 19 00-0233	EA	3", 5 To 530 GPM Electrical Output, Bronze High-Volume Turbine Meter	2,359.08	178.59
23 05 19 00-0234	EA	4", 9 To 1,350 GPM Electrical Output, Bronze High-Volume Turbine Meter	3,341.01	185.89
23 05 19 00-0235	EA	6", 25 To 2,700 GPM Electrical Output, Bronze High-Volume Turbine Meter	5,916.84	191.24

23 05 19 00-0236 Multi-Jet Meters *(23 05 19 00-0141)*

23 05 19 00-0237 Hostile Environment Multi-Jet Meters *(23 05 19 00-0236)*

Note: Wetted materials are Viton, PP, 316 stainless steel and electroless-nickel plated bronze. AWWA C-708, Class II.

23 05 19 00-0238	EA	1/2", 1 To 20 GPM Hostile Environment Multi-Jet Meter (Master Meter)	760.01	30.65
23 05 19 00-0239	EA	3/4", 1 To 30 GPM Hostile Environment Multi-Jet Meter (Master Meter)	891.53	40.39
23 05 19 00-0240	EA	1", 1 To 50 GPM Hostile Environment Multi-Jet Meter (Master Meter)	1,091.49	46.23
23 05 19 00-0241	EA	1-1/2", 5 To 100 GPM Hostile Environment Multi-Jet Meter (Master Meter)	1,815.15	60.82
23 05 19 00-0242	EA	2", 8 To 160 GPM Hostile Environment Multi-Jet Meter (Master Meter)	2,574.85	69.59

23 05 19 00-0243 High-Pressure Multi-Jet Meters *(23 05 19 00-0236)*

Note: Wetted materials are bronze, glass-filled Noryl, PP and nylon. AWWA C-708, Class II.

23 05 19 00-0244	EA	3/4", 1 To 30 GPM High-Pressure Multi-Jet Meter (Master Meter)	2,226.34	40.39
23 05 19 00-0245	EA	1", 1 To 50 GPM High-Pressure Multi-Jet Meter (Master Meter)	3,175.45	46.23
23 05 19 00-0246	EA	1-1/2", 5 To 100 GPM High-Pressure Multi-Jet Meter (Master Meter)	5,767.40	60.82
23 05 19 00-0247	EA	2", 8 To 160 GPM High-Pressure Multi-Jet Meter (Master Meter)	7,303.47	69.59

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0248		Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meters *(23 05 19 00-0141)*		
23 05 19 00-0249	EA	3", 45 To 250 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	2,791.33	325.78
23 05 19 00-0250	EA	4", 55 To 500 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	2,958.20	277.38
23 05 19 00-0251	EA	6", 120 To 1,200 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	3,277.14	350.36
23 05 19 00-0252	EA	8", 150 To 1,500 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	4,074.79	447.69
23 05 19 00-0253		In-Line Flowmeters *(23 05 19 00-0141)*		
23 05 19 00-0254		Standard Flowmeter, Polyvinyl Chloride (PVC), Brass, 316 Stainless Steel, Viton *(23 05 19 00-0253)*		
23 05 19 00-0255	EA	3/4" In Line Flowmeter	313.85	40.39
23 05 19 00-0256	EA	1" In Line Flowmeter	325.52	46.23
23 05 19 00-0257	EA	1-1/2" In Line Flowmeter	475.48	60.82
23 05 19 00-0258	EA	3/4" In Line Flowmeter With SPDP Switch	417.89	40.39
23 05 19 00-0259	EA	1" In Line Flowmeter With SPDP Switch	429.56	46.23
23 05 19 00-0260	EA	1-1/2" In Line Flowmeter With SPDP Switch	627.44	60.82
23 05 19 00-0261		Water Flow Switches *(23 05 19)*		
23 05 19 00-0262	EA	Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	189.91	28.67
23 05 19 00-0263	EA	Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	196.03	28.67
23 05 19 00-0264	EA	Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1)	247.68	28.67
23 05 19 00-0265	EA	Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1)	255.50	28.67
23 05 19 00-0266	EA	Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1)	203.85	28.67
23 05 19 00-0267	EA	Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1)	210.98	28.67
23 05 19 00-0268	EA	Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1)	261.61	28.67
23 05 19 00-0269	EA	Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1)	268.74	28.67
23 05 19 00-0270	EA	Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1)	498.41	28.67
23 05 19 00-0271	EA	Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1)	505.32	28.67
23 05 19 00-0272	EA	Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1)	570.98	28.67
23 05 19 00-0273	EA	Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	580.48	28.67
23 05 19 00-0274	EA	Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1)	514.83	28.67
23 05 19 00-0275	EA	Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1)	524.33	28.67
23 05 19 00-0276	EA	Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1)	587.39	28.67
23 05 19 00-0277	EA	Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	597.75	28.67
23 05 23		General-Duty Valves For HVAC Piping *(23 05)*		
		Note: Flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0669 for bolt and gasket sets.		
23 05 23 00-0001		Triple Duty Valves *(23 05 23)*		
		Note: Valves function as a shut-off, check valve and calibrated balancing valve.		
23 05 23 00-0002		Straight Pattern, Triple Duty Valves *(23 05 23 00-0001)*		
		Note: Bell & Gossett 3DX and 3DS-S Series.		
23 05 23 00-0003	EA	1" Threaded, Straight Pattern, Triple Duty Valve	236.47	10.22
23 05 23 00-0004	EA	1-1/4" Threaded, Straight Pattern, Triple Duty Valve	274.56	12.94
23 05 23 00-0005	EA	1-1/2" Threaded, Straight Pattern, Triple Duty Valve	298.55	14.98
23 05 23 00-0006	EA	2" Flanged, Straight Pattern, Triple Duty Valve	770.45	129.69
23 05 23 00-0007	EA	2-1/2" Flanged, Straight Pattern, Triple Duty Valve	865.51	129.85
23 05 23 00-0008	EA	3" Flanged, Straight Pattern, Triple Duty Valve	949.16	152.24
23 05 23 00-0009	EA	4" Flanged, Straight Pattern, Triple Duty Valve	1,934.96	255.22
23 05 23 00-0010	EA	5" Flanged, Straight Pattern Triple Duty Valve	2,245.97	272.96
23 05 23 00-0011	EA	6" Flanged, Straight Pattern, Triple Duty Valve	2,981.46	303.28
23 05 23 00-0012	EA	8" Flanged, Straight Pattern, Triple Duty Valve	4,012.33	387.54
23 05 23 00-0013	EA	10" Flanged, Straight Pattern, Triple Duty Valve	6,420.98	471.78
23 05 23 00-0014		Flanged, Angle Pattern, Triple Duty Valves *(23 05 23 00-0001)*		
		Note: Bell & Gossett 3D-S Series.		
23 05 23 00-0015	EA	2" Flanged, Angle Pattern, Triple Duty Valve	752.97	129.69
23 05 23 00-0016	EA	2-1/2" Flanged, Angle Pattern, Triple Duty Valve	844.53	129.85
23 05 23 00-0017	EA	3" Flanged, Angle Pattern, Triple Duty Valve	931.68	152.24
23 05 23 00-0018	EA	4" Flanged, Angle Pattern, Triple Duty Valve	1,889.52	255.22
23 05 23 00-0019	EA	5" Flanged, Angle Pattern, Triple Duty Valve	2,190.03	272.96
23 05 23 00-0020	EA	6" Flanged, Angle Pattern, Triple Duty Valve	2,457.07	303.28
23 05 23 00-0021	EA	8" Flanged, Angle Pattern, Triple Duty Valve	3,764.12	387.54
23 05 23 00-0022	EA	10" Flanged, Angle Pattern, Triple Duty Valve	5,026.09	471.78
23 05 23 00-0023		Balanced, Straight Pattern, Triple Duty Valves *(23 05 23 00-0001)*		
		Note: Bell & Gossett 3DS-B Series.		
23 05 23 00-0024	EA	3" Flanged, Balanced, Straight Pattern, Triple Duty Valve	872.25	152.24
23 05 23 00-0025	EA	4" Flanged, Balanced, Straight Pattern, Triple Duty Valve	1,732.20	255.22
23 05 23 00-0026	EA	5" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,011.74	272.96
23 05 23 00-0027	EA	6" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,663.33	303.28
23 05 23 00-0028	EA	8" Flanged, Balanced, Straight Pattern, Triple Duty Valve	3,578.83	387.54
23 05 23 00-0029	EA	10" Flanged, Balanced, Straight Pattern, Triple Duty Valve	5,697.32	471.78
23 05 23 00-0030	EA	12" Flanged, Balanced, Straight Pattern, Triple Duty Valve	8,559.92	572.88
23 05 23 00-0031	EA	14" Flanged, Balanced, Straight Pattern, Triple Duty Valve	10,401.74	673.97
23 05 23 00-0032	EA	16" Flanged, Balanced, Straight Pattern, Triple Duty Valve	13,019.94	741.37

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0033		**Grooved Straight Pattern, Triple Duty Valves** *(23 05 23 00-0001)* Note: Bell & Gossett 3DS-G Series.		
23 05 23 00-0034	EA	2" Grooved, Straight Pattern, Triple Duty Valve	804.62	24.04
23 05 23 00-0035	EA	2-1/2" Grooved, Straight Pattern, Triple Duty Valve	959.19	28.65
23 05 23 00-0036	EA	3" Grooved, Straight Pattern, Triple Duty Valve	1,116.33	31.08
23 05 23 00-0037	EA	4" Grooved, Straight Pattern, Triple Duty Valve	1,851.02	33.49
23 05 23 00-0038	EA	5" Grooved, Straight Pattern, Triple Duty Valve	2,144.13	42.97
23 05 23 00-0039	EA	6" Grooved, Straight Pattern Triple Duty Valve	2,858.35	55.10
23 05 23 00-0040	EA	8" Grooved, Straight Pattern Triple Duty Valve	3,887.09	69.92
23 05 23 00-0041	EA	10" Grooved, Straight Pattern Triple Duty Valve	6,130.99	78.35
23 05 23 00-0042	EA	12" Grooved, Straight Pattern Triple Duty Valve	9,731.62	95.54
23 05 23 00-0043		**Plug Valves** *(23 05 23)*		
23 05 23 00-0044		**Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated** *(23 05 23 00-0043)* Note: Includes wrench.		
23 05 23 00-0045	EA	1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	266.47	9.72
23 05 23 00-0046	EA	3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	277.38	10.70
23 05 23 00-0047	EA	1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	351.06	12.16
23 05 23 00-0048	EA	1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	419.88	12.94
23 05 23 00-0049	EA	1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	461.05	14.98
23 05 23 00-0050	EA	2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	544.22	17.71
23 05 23 00-0051	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	817.45	23.91
23 05 23 00-0052	EA	3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	1,001.34	27.76
23 05 23 00-0053		**Plug Valves, Lubricated, Semisteel Flanged** *(23 05 23 00-0043)* Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0054	EA	2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	312.07	129.69
23 05 23 00-0055	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	360.30	129.85
23 05 23 00-0056	EA	3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	438.69	152.24
23 05 23 00-0057	EA	4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	655.86	255.22
23 05 23 00-0058	EA	6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,276.90	303.28
23 05 23 00-0059	EA	8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	2,096.44	387.54
23 05 23 00-0060	EA	10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	3,281.09	471.78
23 05 23 00-0061	EA	12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	4,799.96	572.88
23 05 23 00-0062		**Plug Valves, Forged Steel, Screwed** *(23 05 23 00-0043)*		
23 05 23 00-0063	EA	1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,036.92	9.72
23 05 23 00-0064	EA	3/4" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,224.51	10.70
23 05 23 00-0065	EA	1" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,383.92	12.16
23 05 23 00-0066	EA	1-1/4" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,660.04	12.94
23 05 23 00-0067	EA	1-1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,933.22	14.98
23 05 23 00-0068	EA	2" Plug Valve, 1,500 LB, Forged Steel, Screwed	2,544.48	17.71
23 05 23 00-0069		**Plug Valves, Eccentric, Cast Iron Flanged** *(23 05 23 00-0043)*		
23 05 23 00-0070	EA	4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	768.42	255.22
23 05 23 00-0071	EA	6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,149.69	303.28
23 05 23 00-0072	EA	8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,553.63	387.54
23 05 23 00-0073	EA	10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	2,176.72	471.78
23 05 23 00-0074	EA	12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	2,797.46	572.88
23 05 23 00-0075		**Foot Valves** *(23 05 23)*		
23 05 23 00-0076		**Single Poppet Foot Valves, Metal To Metal Seat Construction** *(23 05 23 00-0075)*		
23 05 23 00-0077	EA	1" Single Poppet Foot Valve, Metal To Metal Seat Construction	83.44	24.34
23 05 23 00-0078	EA	1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction	95.05	27.25
23 05 23 00-0079	EA	1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	122.84	31.15
23 05 23 00-0080	EA	2" Single Poppet Foot Valve, Metal To Metal Seat Construction	162.85	35.04
23 05 23 00-0081	EA	2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	376.47	57.42
23 05 23 00-0082	EA	3" Single Poppet Foot Valve, Metal To Metal Seat Construction	482.21	70.07
23 05 23 00-0083		**Double Poppet Foot Valves, Metal To Metal Seat Construction** *(23 05 23 00-0075)*		
23 05 23 00-0084	EA	1" Double Poppet Foot Valve, Metal To Metal Seat Construction	83.44	24.34
23 05 23 00-0085	EA	1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction	184.43	27.25
23 05 23 00-0086	EA	1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction	174.40	31.15
23 05 23 00-0087	EA	2" Double Poppet Foot Valve, Metal To Metal Seat Construction	238.45	35.04
23 05 23 00-0088	EA	3" Double Poppet Foot Valve, Metal To Metal Seat Construction	470.20	57.42
23 05 23 00-0089	EA	4" Double Poppet Foot Valve, Metal To Metal Seat Construction	641.24	69.10
23 05 23 00-0090		**Float Valves** *(23 05 23)*		
23 05 23 00-0091		**Float Valve Assembly For Maintaining Liquid Level In Tanks** *(23 05 23 00-0090)*		
23 05 23 00-0092		**Single Seat, Bronze Construction** *(23 05 23 00-0091)* Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0093	EA	Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve	202.45	20.44
23 05 23 00-0094	EA	Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve	231.85	24.33
23 05 23 00-0095	EA	Inlet Size 1", Maximum PSI 100, Single Seat Float Valve	302.19	26.27

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0096	EA	Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve	506.69	33.08
23 05 23 00-0097	EA	Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve	516.41	37.94
23 05 23 00-0098		Double Seat, Bronze Construction *(23 05 23 00-0091)*		
		Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0099	EA	Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve	1,107.16	20.44
23 05 23 00-0100	EA	Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve	1,114.94	24.33
23 05 23 00-0101	EA	Pipe Size 1" Maximum PSI 150, Double Seat Float Valve	1,287.50	26.27
23 05 23 00-0102	EA	Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve	1,422.30	33.08
23 05 23 00-0103	EA	Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve	1,625.89	37.94
23 05 23 00-0104	EA	Pipe Size 2" Maximum PSI 150, Double Seat Float Valve	2,133.89	44.75
23 05 23 00-0105	EA	Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve	2,479.50	60.00
23 05 23 00-0106	EA	Pipe Size 3" Maximum PSI 150, Double Seat Float Valve	2,982.99	68.96
23 05 23 00-0107		Float Valve Single Seated Balanced For Air Oil Or Water *(23 05 23 00-0090)*		
		Note: Includes arm, ball and bracket.		
23 05 23 00-0108		Brass Body Threaded Ends *(23 05 23 00-0107)*		
23 05 23 00-0109	EA	1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	210.31	26.37
23 05 23 00-0110	EA	3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	237.90	29.29
23 05 23 00-0111	EA	1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	295.79	32.40
23 05 23 00-0112	EA	1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	472.61	52.35
23 05 23 00-0113	EA	1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	493.62	59.64
23 05 23 00-0114	EA	2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	553.88	73.94
23 05 23 00-0115		Cast Iron Body Flanged *(23 05 23 00-0107)*		
23 05 23 00-0116	EA	2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	6,976.94	129.85
23 05 23 00-0117	EA	3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	8,436.92	152.24
23 05 23 00-0118		Float Operated Valves *(23 05 23 00-0090)*		
23 05 23 00-0119		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0118)*		
		Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0120	EA	1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	769.76	45.73
23 05 23 00-0121		For Condensate Receivers Tanks And Vessels *(23 05 23 00-0118)*		
		Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0122	EA	3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	963.02	85.07
23 05 23 00-0123		Needle Valves *(23 05 23)*		
23 05 23 00-0124		Bronze Needle Valve *(23 05 23 00-0123)*		
		Note: For heating and cooling applications.		
23 05 23 00-0125	EA	1/4" Needle Valve, Bronze	104.72	9.72
23 05 23 00-0126	EA	3/8" Needle Valve, Bronze	116.97	9.72
23 05 23 00-0127	EA	1/2" Needle Valve, Bronze	128.08	9.72
23 05 23 00-0128	EA	3/4" Needle Valve, Bronze	195.02	10.70
23 05 23 00-0129	EA	1" Needle Valve, Bronze	300.34	12.16
23 05 23 00-0130		Eccentric Valves With Taps *(23 05 23)*		
23 05 23 00-0131		Screwed Eccentric Valves With Taps *(23 05 23 00-0130)*		
23 05 23 00-0132	EA	1/2" Diameter Eccentric Valves With Taps, Screwed	149.44	9.72
23 05 23 00-0133	EA	3/4" Diameter Eccentric Valves With Taps, Screwed	162.16	10.70
23 05 23 00-0134	EA	1" Diameter Eccentric Valves With Taps, Screwed	203.76	12.16
23 05 23 00-0135	EA	1-1/4" Diameter Eccentric Valves With Taps, Screwed	248.28	12.94
23 05 23 00-0136	EA	1-1/2" Diameter Eccentric Valves With Taps, Screwed	272.79	14.98
23 05 23 00-0137	EA	2" Diameter Eccentric Valves With Taps, Screwed	320.91	17.71
23 05 23 00-0138	EA	2-1/2" Diameter Eccentric Valves With Taps, Screwed	478.98	23.91
23 05 23 00-0139	EA	3" Diameter Eccentric Valves With Taps, Screwed	579.08	27.76
23 05 23 00-0140		Flanged Eccentric Valves With Taps *(23 05 23 00-0130)*		
23 05 23 00-0141	EA	2-1/2" Diameter Eccentric Valves With Taps, Flanged	589.60	129.85
23 05 23 00-0142	EA	3" Diameter Eccentric Valves With Taps, Flanged	699.04	152.24
23 05 23 00-0143	EA	4" Diameter Eccentric Valves With Taps, Flanged	964.54	255.22
23 05 23 00-0144	EA	5" Diameter Eccentric Valves With Taps, Flanged	1,248.71	272.96
23 05 23 00-0145	EA	6" Diameter Eccentric Valves With Taps, Flanged	1,560.92	303.28
23 05 23 00-0146	EA	8" Diameter Eccentric Valves With Taps, Flanged	2,615.30	387.54
23 05 23 00-0147	EA	10" Diameter Eccentric Valves With Taps, Flanged	3,631.65	471.78
23 05 23 00-0148	EA	12" Diameter Eccentric Valves With Taps, Flanged	6,117.66	572.88
23 05 23 00-0149		Earthquake-Sensitive Gas Shut-Off Valve *(23 05 23)*		
23 05 23 00-0150		0.5 PSI Threaded Earthquake Gas Shutoff Valves *(23 05 23 00-0149)*		
23 05 23 00-0151	EA	3/4" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	153.35	10.70
23 05 23 00-0152	EA	1" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve	173.47	12.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0153		**7 PSI Threaded Earthquake Gas Shutoff Valves** *(23 05 23 00-0149)*		
23 05 23 00-0154	EA	1-1/4" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	202.41	12.94
23 05 23 00-0155	EA	1-1/2" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve	273.51	14.98
23 05 23 00-0156		**60 PSI Threaded Earthquake Gas Shutoff Valves** *(23 05 23 00-0149)*		
23 05 23 00-0157	EA	3/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	190.03	10.70
23 05 23 00-0158	EA	1" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	198.94	12.16
23 05 23 00-0159	EA	1-1/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	222.77	12.94
23 05 23 00-0160	EA	1-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	304.07	14.98
23 05 23 00-0161	EA	2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	699.73	17.71
23 05 23 00-0162	EA	2-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	832.19	23.83
23 05 23 00-0163	EA	3" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,080.16	27.76
23 05 23 00-0164	EA	4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve	1,251.94	31.34
23 05 23 00-0165		**60 PSI Flanged Earthquake Gas Shutoff Valves** *(23 05 23 00-0149)*		
23 05 23 00-0166	EA	2" Flanged, 60 PSI Earthquake Gas Shutoff Valve	977.19	129.69
23 05 23 00-0167	EA	3" Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,204.25	152.24
23 05 23 00-0168	EA	4" Flanged, 60 PSI Earthquake Gas Shutoff Valve	1,695.21	255.22
23 05 23 00-0169	EA	6" Flanged, 60 PSI Earthquake Gas Shutoff Valve	2,774.65	303.28
23 05 23 00-0170	EA	8" Flanged, 60 PSI Earthquake Gas Shutoff Valve	7,511.13	387.54
23 05 23 00-0171		**Emergency Shut-Off Valve With Fusible Link** *(23 05 23)*		
23 05 23 00-0172		**Threaded, Fusible Brass Gate Valves (Morrison Bros. 939)** *(23 05 23 00-0171)*		
		Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165° F.		
23 05 23 00-0173	EA	1/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	59.41	15.67
		For Work In Restricted Working Space, Add	*8.50*	
23 05 23 00-0174	EA	3/8" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	60.94	16.54
		For Work In Restricted Working Space, Add	*8.96*	
23 05 23 00-0175	EA	1/2" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	95.35	15.67
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0176	EA	3/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	184.33	21.11
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0177	EA	1" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series)	453.88	25.58
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0178		**Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)** *(23 05 23 00-0171)*		
		Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0179	EA	1-1/2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	352.97	14.98
23 05 23 00-0180	EA	2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	382.27	17.71
23 05 23 00-0181	EA	3" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	639.94	27.76
23 05 23 00-0182		**Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)** *(23 05 23 00-0171)*		
		Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.		
23 05 23 00-0183	EA	2" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	534.55	129.69
23 05 23 00-0184	EA	3" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	857.94	152.24
23 05 23 00-0185	EA	4" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI)	1,942.49	255.22
23 05 23 00-0186		**Solenoid Valves** *(23 05 23)*		
23 05 23 00-0187		**Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure** *(23 05 23 00-0186)*		
23 05 23 00-0188	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water	92.70	9.72
23 05 23 00-0189	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water	107.28	9.72
23 05 23 00-0190	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water	137.74	10.70
23 05 23 00-0191	EA	1" Solenoid Valve, Bronze, 150 PSI, Water	200.70	12.16
23 05 23 00-0192	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water	350.82	14.98
23 05 23 00-0193	EA	2" Solenoid Valve, Bronze, 150 PSI, Water	543.46	17.71
23 05 23 00-0194	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water	739.95	23.91
23 05 23 00-0195	EA	3" Solenoid Valve, Bronze, 150 PSI, Water	1,066.21	27.76
23 05 23 00-0196		**Gate Valves** *(23 05 23)*		
23 05 23 00-0197		**Class 125 Brazed Or Soldered Bronze Gate Valves** *(23 05 23 00-0196)*		
		Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)		
23 05 23 00-0198	EA	1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	64.17	9.72
		For 150 LB Rating, Add	*3.58*	
		For 200 LB Rating, Add	*5.38*	
		For Work In Restricted Working Space, Add	*8.50*	
23 05 23 00-0199	EA	3/8" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	65.66	9.72
		For 150 LB Rating, Add	*3.58*	
		For 200 LB Rating, Add	*5.38*	
		For Work In Restricted Working Space, Add	*8.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0200	EA	1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	67.44	9.72
		For 150 LB Rating, Add	*3.61*	
		For 200 LB Rating, Add	*5.41*	
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0201	EA	3/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	81.05	10.70
		For 150 LB Rating, Add	*3.88*	
		For 200 LB Rating, Add	*5.81*	
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0202	EA	1" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	98.67	12.16
		For 150 LB Rating, Add	*4.75*	
		For 200 LB Rating, Add	*7.12*	
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0203	EA	1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	142.36	12.94
		For 150 LB Rating, Add	*7.75*	
		For 200 LB Rating, Add	*11.63*	
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0204	EA	1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	159.07	14.98
		For 150 LB Rating, Add	*8.42*	
		For 200 LB Rating, Add	*12.63*	
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0205	EA	2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	190.49	17.71
		For 150 LB Rating, Add	*10.20*	
		For 200 LB Rating, Add	*15.31*	
		For Work In Restricted Working Space, Add	*26.54*	
23 05 23 00-0206	EA	2-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	415.40	23.91
		For 150 LB Rating, Add	*29.60*	
		For 200 LB Rating, Add	*44.40*	
		For Chain Operated Type, Add	*133.20*	
		For Work In Restricted Working Space, Add	*35.82*	
23 05 23 00-0207	EA	3" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	487.05	27.76
		For 150 LB Rating, Add	*34.93*	
		For 200 LB Rating, Add	*52.39*	
		For Work In Restricted Working Space, Add	*41.33*	

23 05 23 00-0208 Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves *(23 05 23 00-0196)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, Nibco T113-LF)

23 05 23 00-0209	EA	1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	76.12	9.72
		For 150 LB Rating, Add	*4.78*	
		For 200 LB Rating, Add	*7.17*	
		For Work In Restricted Working Space, Add	*8.50*	
23 05 23 00-0210	EA	3/8" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	77.50	9.72
		For 150 LB Rating, Add	*4.77*	
		For 200 LB Rating, Add	*7.15*	
		For Work In Restricted Working Space, Add	*8.95*	
23 05 23 00-0211	EA	1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	89.51	9.72
		For 150 LB Rating, Add	*5.81*	
		For 200 LB Rating, Add	*8.72*	
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0212	EA	3/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	103.12	10.70
		For 150 LB Rating, Add	*6.08*	
		For 200 LB Rating, Add	*9.12*	
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0213	EA	1" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	123.86	12.16
		For 150 LB Rating, Add	*7.27*	
		For 200 LB Rating, Add	*10.90*	
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0214	EA	1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	176.81	12.94
		For 150 LB Rating, Add	*11.19*	
		For 200 LB Rating, Add	*16.79*	
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0215	EA	1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	202.39	14.98
		For 150 LB Rating, Add	*12.76*	
		For 200 LB Rating, Add	*19.13*	
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0216	EA	2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	257.44	17.71
		For 150 LB Rating, Add	*16.90*	
		For 200 LB Rating, Add	*25.35*	
		For Work In Restricted Working Space, Add	*26.54*	

23 05 23 00-0217 Class 125 Threaded, Bronze Gate Valves *(23 05 23 00-0196)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0218	EA	1/4" Diameter, 125 LB, Threaded Bronze Gate Valve	57.47	9.72
		For 150 LB Rating, Add	*2.91*	
		For 200 LB Rating, Add	*4.37*	
		For 250 LB Rating, Add	*7.29*	
		For 300 LB Rating, Add	*10.20*	
		For Work In Restricted Working Space, Add	*8.50*	
23 05 23 00-0219	EA	3/8" Diameter, 125 LB, Threaded Bronze Gate Valve	58.96	9.72
		For 150 LB Rating, Add	*2.91*	
		For 200 LB Rating, Add	*4.37*	
		For 250 LB Rating, Add	*7.29*	
		For 300 LB Rating, Add	*10.20*	
		For Work In Restricted Working Space, Add	*8.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0220	EA	1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	60.53	9.72
		For 150 LB Rating, Add	*2.91*	
		For 200 LB Rating, Add	*4.37*	
		For 250 LB Rating, Add	*7.29*	
		For 300 LB Rating, Add	*10.20*	
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0221	EA	3/4" Diameter, 125 LB, Threaded Bronze Gate Valve	77.07	10.70
		For 150 LB Rating, Add	*3.48*	
		For 200 LB Rating, Add	*5.22*	
		For 250 LB Rating, Add	*8.69*	
		For 300 LB Rating, Add	*12.17*	
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0222	EA	1" Diameter, 125 LB, Threaded Bronze Gate Valve	103.73	12.16
		For 150 LB Rating, Add	*5.25*	
		For 200 LB Rating, Add	*7.88*	
		For 250 LB Rating, Add	*13.13*	
		For 300 LB Rating, Add	*18.38*	
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0223	EA	1-1/4" Diameter, 125 LB, Threaded Bronze Gate Valve	135.67	12.94
		For 150 LB Rating, Add	*7.08*	
		For 200 LB Rating, Add	*10.62*	
		For 250 LB Rating, Add	*17.70*	
		For 300 LB Rating, Add	*24.78*	
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0224	EA	1-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	164.08	14.98
		For 150 LB Rating, Add	*8.92*	
		For 200 LB Rating, Add	*13.39*	
		For 250 LB Rating, Add	*22.31*	
		For 300 LB Rating, Add	*31.23*	
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0225	EA	2" Diameter, 125 LB, Threaded Bronze Gate Valve	210.37	17.71
		For 150 LB Rating, Add	*12.19*	
		For 200 LB Rating, Add	*18.29*	
		For 250 LB Rating, Add	*30.48*	
		For 300 LB Rating, Add	*42.67*	
		For Work In Restricted Working Space, Add	*26.54*	
23 05 23 00-0226	EA	2-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	467.13	23.91
		For 150 LB Rating, Add	*34.77*	
		For 200 LB Rating, Add	*52.16*	
		For 250 LB Rating, Add	*86.93*	
		For 300 LB Rating, Add	*121.71*	
		For Chain Operated Type, Add	*156.48*	
		For Work In Restricted Working Space, Add	*35.82*	
23 05 23 00-0227	EA	3" Diameter, 125 LB, Threaded Bronze Gate Valve	553.43	27.76
		For 150 LB Rating, Add	*41.57*	
		For 200 LB Rating, Add	*62.35*	
		For 250 LB Rating, Add	*103.92*	
		For 300 LB Rating, Add	*145.48*	
		For Chain Operated Type, Add	*187.05*	
		For Work In Restricted Working Space, Add	*41.33*	
23 05 23 00-0228	EA	4" Diameter, 125 LB, Threaded Bronze Gate Valve	1,146.94	31.34
		For 150 LB Rating, Add	*99.02*	
		For 200 LB Rating, Add	*148.53*	
		For 250 LB Rating, Add	*247.56*	
		For 300 LB Rating, Add	*346.58*	
		For Chain Operated Type, Add	*445.60*	
		For Work In Restricted Working Space, Add	*47.02*	

23 05 23 00-0229 200 PSI, Non Rising Stem, Crimped Bronze Gate Valves *(23 05 23 00-0196)*

Note: 200 psi cold working pressure.

23 05 23 00-0230	EA	1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	91.88	9.72
		For Work In Restricted Working Space, Add	*6.57*	
23 05 23 00-0231	EA	3/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	103.52	10.70
		For Work In Restricted Working Space, Add	*7.48*	
23 05 23 00-0232	EA	1" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	135.64	12.16
		For Work In Restricted Working Space, Add	*8.94*	
23 05 23 00-0233	EA	1-1/4" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	183.83	12.94
		For Work In Restricted Working Space, Add	*9.85*	
23 05 23 00-0234	EA	1-1/2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	212.89	14.98
		For Work In Restricted Working Space, Add	*10.95*	
23 05 23 00-0235	EA	2" Diameter, 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve	292.11	17.71
		For Work In Restricted Working Space, Add	*13.13*	

23 05 23 00-0236 Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0196)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0237	EA	1-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	246.95	14.98
		For 150 LB Rating, Add	*34.42*	
		For 250 LB Rating, Add	*60.24*	
		For Chain Operated Type, Add	*60.24*	
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0238	EA	2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	379.27	17.71
		For 150 LB Rating, Add	*58.16*	
		For 250 LB Rating, Add	*101.79*	
		For Chain Operated Type, Add	*101.79*	
		For Work In Restricted Working Space, Add	*26.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0239	EA	2-1/2" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	556.79	23.91
		For 150 LB Rating, Add	*87.48*	
		For 250 LB Rating, Add	*153.09*	
		For Chain Operated Type, Add	*153.09*	
		For Work In Restricted Working Space, Add	*35.82*	
23 05 23 00-0240	EA	3" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	711.66	27.76
		For 150 LB Rating, Add	*114.78*	
		For 250 LB Rating, Add	*200.86*	
		For Chain Operated Type, Add	*200.86*	
		For Work In Restricted Working Space, Add	*41.33*	
23 05 23 00-0241	EA	4" Diameter, Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,701.56	31.34
		For 150 LB Rating, Add	*308.97*	
		For 250 LB Rating, Add	*540.69*	
		For Chain Operated Type, Add	*540.69*	
		For Work In Restricted Working Space, Add	*47.02*	

23 05 23 00-0242 Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0196)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0243	EA	1-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	291.88	102.16
		For 150 LB Rating, Add	*47.52*	
		For 250 LB Rating, Add	*81.94*	
		For 300 LB Rating, ASTM A182, Add	*227.88*	
		For Chain Operated Type, Add	*81.94*	
		For Work In Restricted Working Space, Add	*38.40*	
23 05 23 00-0244	EA	2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	333.54	129.69
		For 150 LB Rating, Add	*49.70*	
		For 250 LB Rating, Add	*85.70*	
		For 300 LB Rating, ASTM A182, Add	*252.47*	
		For Chain Operated Type, Add	*85.70*	
		For Work In Restricted Working Space, Add	*48.65*	
23 05 23 00-0245	EA	2-1/2" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	368.45	129.85
		For 150 LB Rating, Add	*59.63*	
		For 250 LB Rating, Add	*102.82*	
		For 300 LB Rating, ASTM A182, Add	*287.04*	
		For Chain Operated Type, Add	*102.82*	
		For Work In Restricted Working Space, Add	*48.85*	
23 05 23 00-0246	EA	3" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	447.57	152.24
		For 150 LB Rating, Add	*74.54*	
		For 250 LB Rating, Add	*128.52*	
		For 300 LB Rating, ASTM A182, Add	*352.30*	
		For Chain Operated Type, Add	*128.52*	
		For Work In Restricted Working Space, Add	*57.16*	
23 05 23 00-0247	EA	4" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	662.55	255.22
		For 150 LB Rating, Add	*99.39*	
		For 250 LB Rating, Add	*171.36*	
		For 300 LB Rating, ASTM A182, Add	*502.64*	
		For Chain Operated Type, Add	*171.36*	
		For Work In Restricted Working Space, Add	*95.95*	
23 05 23 00-0248	EA	5" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	786.16	272.96
		For 150 LB Rating, Add	*129.19*	
		For 250 LB Rating, Add	*222.75*	
		For 300 LB Rating, ASTM A182, Add	*615.83*	
		For Chain Operated Type, Add	*222.75*	
		For Work In Restricted Working Space, Add	*102.20*	
23 05 23 00-0249	EA	6" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	928.71	303.28
		For 150 LB Rating, Add	*158.99*	
		For 250 LB Rating, Add	*274.12*	
		For 300 LB Rating, ASTM A182, Add	*738.48*	
		For Chain Operated Type, Add	*274.12*	
		For Work In Restricted Working Space, Add	*114.14*	
23 05 23 00-0250	EA	8" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,389.58	387.54
		For 150 LB Rating, Add	*263.37*	
		For 250 LB Rating, Add	*454.09*	
		For 300 LB Rating, ASTM A182, Add	*1,148.88*	
		For Chain Operated Type, Add	*454.09*	
		For Work In Restricted Working Space, Add	*144.42*	
23 05 23 00-0251	EA	10" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,789.10	471.78
		For 150 LB Rating, Add	*347.82*	
		For 250 LB Rating, Add	*599.69*	
		For 300 LB Rating, ASTM A182, Add	*1,494.24*	
		For Chain Operated Type, Add	*599.69*	
		For Work In Restricted Working Space, Add	*176.92*	
23 05 23 00-0252	EA	12" Diameter, Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,428.31	572.88
		For 150 LB Rating, Add	*496.91*	
		For 250 LB Rating, Add	*856.75*	
		For 300 LB Rating, ASTM A182, Add	*2,070.90*	
		For Chain Operated Type, Add	*856.75*	
		For Work In Restricted Working Space, Add	*214.45*	

23 05 23 00-0253 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0196)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0254	EA	1-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	496.72	14.98
		For 175 LB Rating, Add	*210.94*	
		For 250 LB Rating, Add	*316.41*	
		For Work In Restricted Working Space, Add	*22.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0255	EA	2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	633.83	17.71
		For 175 LB Rating, Add	*272.69*	
		For 250 LB Rating, Add	*409.04*	
		For Work In Restricted Working Space, Add	*26.54*	
23 05 23 00-0256	EA	2-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	734.39	23.91
		For 175 LB Rating, Add	*307.50*	
		For 250 LB Rating, Add	*461.24*	
		For Work In Restricted Working Space, Add	*35.82*	
23 05 23 00-0257	EA	3" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	816.35	27.76
		For 175 LB Rating, Add	*339.29*	
		For 250 LB Rating, Add	*508.94*	
		For Work In Restricted Working Space, Add	*41.33*	
23 05 23 00-0258	EA	4" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,093.75	31.34
		For 175 LB Rating, Add	*468.52*	
		For 250 LB Rating, Add	*702.77*	
		For Work In Restricted Working Space, Add	*47.02*	

23 05 23 00-0259 Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0196)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".

23 05 23 00-0260	EA	1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	364.25	102.16
		For 150 LB Rating, Add	*35.44*	
		For 175 LB Rating, Add	*73.23*	
		For 250 LB Rating, Add	*153.56*	
		For Chain Operated Type, Add	*118.12*	
		For Work In Restricted Working Space, Add	*38.40*	
23 05 23 00-0261	EA	2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	405.40	129.69
		For 150 LB Rating, Add	*36.49*	
		For 175 LB Rating, Add	*75.41*	
		For 250 LB Rating, Add	*158.11*	
		For Chain Operated Type, Add	*121.63*	
		For Work In Restricted Working Space, Add	*48.65*	
23 05 23 00-0262	EA	2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	414.01	129.85
		For 150 LB Rating, Add	*37.68*	
		For 175 LB Rating, Add	*77.87*	
		For 250 LB Rating, Add	*163.27*	
		For Chain Operated Type, Add	*125.60*	
		For Work In Restricted Working Space, Add	*48.85*	
23 05 23 00-0263	EA	3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	466.92	152.24
		For 150 LB Rating, Add	*41.46*	
		For 175 LB Rating, Add	*85.68*	
		For 250 LB Rating, Add	*179.65*	
		For Chain Operated Type, Add	*138.19*	
		For Work In Restricted Working Space, Add	*57.16*	
23 05 23 00-0264	EA	4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	655.01	255.22
		For 150 LB Rating, Add	*50.28*	
		For 175 LB Rating, Add	*103.91*	
		For 250 LB Rating, Add	*217.87*	
		For Chain Operated Type, Add	*167.59*	
		For Work In Restricted Working Space, Add	*95.95*	
23 05 23 00-0265	EA	5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	808.32	272.96
		For 150 LB Rating, Add	*70.15*	
		For 175 LB Rating, Add	*144.97*	
		For 250 LB Rating, Add	*303.97*	
		For Chain Operated Type, Add	*233.83*	
		For Work In Restricted Working Space, Add	*102.20*	
23 05 23 00-0266	EA	6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	914.54	303.28
		For 150 LB Rating, Add	*80.11*	
		For 175 LB Rating, Add	*165.56*	
		For 250 LB Rating, Add	*347.15*	
		For Chain Operated Type, Add	*267.04*	
		For Work In Restricted Working Space, Add	*114.14*	
23 05 23 00-0267	EA	8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,384.67	387.54
		For 150 LB Rating, Add	*135.49*	
		For 175 LB Rating, Add	*280.01*	
		For 250 LB Rating, Add	*587.12*	
		For Chain Operated Type, Add	*451.63*	
		For Work In Restricted Working Space, Add	*144.42*	
23 05 23 00-0268	EA	10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,979.83	471.78
		For 150 LB Rating, Add	*208.52*	
		For 175 LB Rating, Add	*430.93*	
		For 250 LB Rating, Add	*903.57*	
		For Chain Operated Type, Add	*695.06*	
		For Work In Restricted Working Space, Add	*176.92*	
23 05 23 00-0269	EA	12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,476.67	572.88
		For 150 LB Rating, Add	*264.28*	
		For 175 LB Rating, Add	*546.17*	
		For 250 LB Rating, Add	*1,145.20*	
		For Chain Operated Type, Add	*880.93*	
		For Work In Restricted Working Space, Add	*214.45*	
23 05 23 00-0270	EA	14" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	4,680.52	738.71
		For 150 LB Rating, Add	*563.57*	
		For 175 LB Rating, Add	*1,164.71*	
		For 250 LB Rating, Add	*2,442.13*	
		For Work In Restricted Working Space, Add	*277.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0271	EA	16" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	6,013.09	812.58
		For 150 LB Rating, Add	*749.60*	
		For 175 LB Rating, Add	*1,549.18*	
		For 250 LB Rating, Add	*3,248.28*	
		For Work In Restricted Working Space, Add	*304.72*	
23 05 23 00-0272	EA	18" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	8,122.94	901.23
		For 150 LB Rating, Add	*1,049.46*	
		For 175 LB Rating, Add	*2,168.88*	
		For 250 LB Rating, Add	*4,547.66*	
		For Work In Restricted Working Space, Add	*337.96*	
23 05 23 00-0273	EA	20" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	10,263.65	1,015.73
		For 150 LB Rating, Add	*1,349.10*	
		For 175 LB Rating, Add	*2,788.14*	
		For 250 LB Rating, Add	*5,846.09*	
		For Work In Restricted Working Space, Add	*380.90*	
23 05 23 00-0274	EA	24" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	13,965.62	1,246.57
		For 150 LB Rating, Add	*1,861.11*	
		For 175 LB Rating, Add	*3,846.29*	
		For 250 LB Rating, Add	*8,064.81*	
		For Work In Restricted Working Space, Add	*467.47*	
23 05 23 00-0275	EA	30" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	28,905.04	2,031.45
		For 150 LB Rating, Add	*3,954.86*	
		For 175 LB Rating, Add	*8,173.37*	
		For 250 LB Rating, Add	*17,137.72*	
		For Work In Restricted Working Space, Add	*761.80*	
23 05 23 00-0276	EA	36" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	36,885.74	2,708.61
		For 150 LB Rating, Add	*5,025.00*	
		For 175 LB Rating, Add	*10,384.99*	
		For 250 LB Rating, Add	*21,774.99*	
		For Work In Restricted Working Space, Add	*1,015.73*	

23 05 23 00-0277 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves *(23 05 23 00-0196)*

Note: 800 psig at 850 degrees F.

23 05 23 00-0278	EA	1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	149.24	9.72
		For Work In Restricted Working Space, Add	*8.50*	
23 05 23 00-0279	EA	1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	152.30	9.72
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0280	EA	3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	179.43	10.70
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0281	EA	1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	217.83	12.16
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0282	EA	1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	333.69	12.94
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0283	EA	1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	394.80	14.98
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0284	EA	2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	496.88	17.71
		For Work In Restricted Working Space, Add	*26.54*	

23 05 23 00-0285 Cast Steel Flanged Gate Valves *(23 05 23 00-0196)*

23 05 23 00-0286 Class 150, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0285)*

23 05 23 00-0287	EA	2" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	724.70	129.69
		For Work In Restricted Working Space, Add	*48.65*	
23 05 23 00-0288	EA	2-1/2" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	969.68	129.85
		For Work In Restricted Working Space, Add	*48.85*	
23 05 23 00-0289	EA	3" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	997.40	152.24
		For Work In Restricted Working Space, Add	*57.16*	
23 05 23 00-0290	EA	4" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	1,340.57	255.22
		For Work In Restricted Working Space, Add	*95.95*	
23 05 23 00-0291	EA	6" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	1,926.59	303.28
		For Work In Restricted Working Space, Add	*114.14*	
23 05 23 00-0292	EA	8" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	2,918.89	387.54
		For Work In Restricted Working Space, Add	*144.42*	
23 05 23 00-0293	EA	10" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	4,147.30	471.78
		For Work In Restricted Working Space, Add	*176.92*	
23 05 23 00-0294	EA	12" Diameter, Class 150, Cast Steel, Flanged, Gate Valve	5,265.27	572.88
		For Work In Restricted Working Space, Add	*214.45*	

23 05 23 00-0295 Class 300, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0285)*

23 05 23 00-0296	EA	2" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	919.13	129.69
		For Work In Restricted Working Space, Add	*48.65*	
23 05 23 00-0297	EA	2-1/2" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	1,164.26	129.85
		For Work In Restricted Working Space, Add	*48.85*	
23 05 23 00-0298	EA	3" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	1,191.98	152.24
		For Work In Restricted Working Space, Add	*57.16*	
23 05 23 00-0299	EA	4" Diameter, Class 300, Cast Steel, Flanged, Gate Valve	1,733.71	255.22
		For Work In Restricted Working Space, Add	*95.95*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0300	EA	6" Diameter, Class 300, Cast Steel, Flanged, Gate Valve		2,722.17	303.28
		For Work In Restricted Working Space, Add		*114.14*	
23 05 23 00-0301	EA	8" Diameter, Class 300, Cast Steel, Flanged, Gate Valve		4,025.41	387.54
		For Work In Restricted Working Space, Add		*144.42*	
23 05 23 00-0302	EA	10" Diameter, Class 300, Cast Steel, Flanged, Gate Valve		5,165.18	471.78
		For Work In Restricted Working Space, Add		*176.92*	
23 05 23 00-0303	EA	12" Diameter, Class 300, Cast Steel, Flanged, Gate Valve		8,584.10	572.88
		For Work In Restricted Working Space, Add		*214.45*	

23 05 23 00-0304 Class 600, Cast Steel, Flanged, Gate Valves *(23 05 23 00-0285)*

23 05 23 00-0305	EA	2" Diameter, Class 600, Cast Steel, Flanged, Gate Valve		1,304.41	129.69
		For Work In Restricted Working Space, Add		*48.65*	
23 05 23 00-0306	EA	2-1/2" Diameter, Class 600, Cast Steel, Flanged, Gate Valve		1,629.60	129.85
		For Work In Restricted Working Space, Add		*48.85*	
23 05 23 00-0307	EA	3" Diameter, Class 600, Cast Steel, Flanged, Gate Valve		1,657.32	152.24
		For Work In Restricted Working Space, Add		*57.16*	
23 05 23 00-0308	EA	4" Diameter, Class 600, Cast Steel, Flanged, Gate Valve		2,513.56	255.22
		For Work In Restricted Working Space, Add		*95.95*	
23 05 23 00-0309	EA	6" Diameter, Class 600, Cast Steel, Flanged, Gate Valve		4,743.63	303.28
		For Work In Restricted Working Space, Add		*114.14*	
23 05 23 00-0310	EA	8" Diameter, Class 600, Cast Steel, Flanged, Gate Valve		9,901.81	387.54
		For Work In Restricted Working Space, Add		*144.42*	
23 05 23 00-0311	EA	10" Diameter, Class 600, Cast Steel, Flanged, Gate Valve		14,667.07	471.78
		For Work In Restricted Working Space, Add		*176.92*	
23 05 23 00-0312	EA	12" Diameter, Class 600, Cast Steel, Flanged, Gate Valve		19,523.47	572.88
		For Work In Restricted Working Space, Add		*214.45*	

23 05 23 00-0313 Ball Valves *(23 05 23)*

See CSI section 23 23 13 00-0000 for refrigeration valves.

23 05 23 00-0314 Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0313)*

Note: 125 LB WSP.

23 05 23 00-0315	EA	1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		40.45	9.72
		For Extension Stems And Sleeves On Insulated Pipe, Add		*2.63*	
		For Full Port, Add		*4.08*	
		For Work In Restricted Working Space, Add		*9.42*	
23 05 23 00-0316	EA	3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		56.23	10.70
		For Extension Stems And Sleeves On Insulated Pipe, Add		*2.63*	
		For Full Port, Add		*6.27*	
		For Work In Restricted Working Space, Add		*12.69*	
23 05 23 00-0317	EA	1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		70.02	12.16
		For Extension Stems And Sleeves On Insulated Pipe, Add		*2.63*	
		For Full Port, Add		*8.46*	
		For Work In Restricted Working Space, Add		*15.36*	
23 05 23 00-0318	EA	1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		96.44	12.94
		For Extension Stems And Sleeves On Insulated Pipe, Add		*2.63*	
		For Full Port, Add		*14.21*	
		For Work In Restricted Working Space, Add		*19.46*	
23 05 23 00-0319	EA	1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		115.17	14.98
		For Extension Stems And Sleeves On Insulated Pipe, Add		*2.63*	
		For Full Port, Add		*18.15*	
		For Work In Restricted Working Space, Add		*22.45*	
23 05 23 00-0320	EA	2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		138.97	17.71
		For Extension Stems And Sleeves On Insulated Pipe, Add		*2.63*	
		For Full Port, Add		*22.73*	
		For Work In Restricted Working Space, Add		*26.54*	
23 05 23 00-0321	EA	2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		357.83	23.91
		For Extension Stems And Sleeves On Insulated Pipe, Add		*2.63*	
		For Full Port, Add		*107.29*	
		For Work In Restricted Working Space, Add		*35.82*	
23 05 23 00-0322	EA	3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		412.87	27.76
		For Extension Stems And Sleeves On Insulated Pipe, Add		*2.63*	
		For Full Port, Add		*123.80*	
		For Work In Restricted Working Space, Add		*41.33*	
23 05 23 00-0323	EA	4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		531.77	31.34
		For Extension Stems And Sleeves On Insulated Pipe, Add		*2.63*	
		For Full Port, Add		*168.77*	
		For Work In Restricted Working Space, Add		*47.02*	

23 05 23 00-0324 Screwed, 150 LB, Full Port, Carbon Steel Ball Valves *(23 05 23 00-0313)*

23 05 23 00-0325	EA	1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve		45.67	9.72
		For Work In Restricted Working Space, Add		*8.50*	
23 05 23 00-0326	EA	1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve		50.21	9.72
		For Work In Restricted Working Space, Add		*9.42*	
23 05 23 00-0327	EA	3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve		69.52	10.70
		For Work In Restricted Working Space, Add		*12.69*	
23 05 23 00-0328	EA	1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve		87.81	12.16
		For Work In Restricted Working Space, Add		*15.36*	
23 05 23 00-0329	EA	1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve		127.42	12.94
		For Work In Restricted Working Space, Add		*19.46*	
23 05 23 00-0330	EA	1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve		154.09	14.98
		For Work In Restricted Working Space, Add		*22.45*	
23 05 23 00-0331	EA	2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve		197.57	17.71
		For Work In Restricted Working Space, Add		*26.54*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0332		**Flanged, 150 LB, Full Port, Carbon Steel Ball Valves** *(23 05 23 00-0313)*		
23 05 23 00-0333	EA	4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	943.43	255.22
		For Work In Restricted Working Space, Add	*95.95*	
23 05 23 00-0334	EA	6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	1,528.61	303.28
		For Work In Restricted Working Space, Add	*114.14*	
23 05 23 00-0335	EA	8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	3,183.91	387.54
		For Work In Restricted Working Space, Add	*144.42*	
23 05 23 00-0336		**Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves** *(23 05 23 00-0313)*		
23 05 23 00-0337	EA	1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	36.30	9.72
		For True Union Socket Or Thread Type, Add	*3.61*	
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0338	EA	3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	47.95	10.70
		For True Union Socket Or Thread Type, Add	*4.48*	
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0339	EA	1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	59.09	12.16
		For True Union Socket Or Thread Type, Add	*5.84*	
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0340	EA	1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	75.20	12.94
		For True Union Socket Or Thread Type, Add	*7.54*	
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0341	EA	1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	92.84	14.98
		For True Union Socket Or Thread Type, Add	*11.13*	
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0342	EA	2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	111.39	17.71
		For True Union Socket Or Thread Type, Add	*13.82*	
		For Work In Restricted Working Space, Add	*26.54*	
23 05 23 00-0343	EA	2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	168.75	23.91
		For True Union Socket Or Thread Type, Add	*26.01*	
		For Work In Restricted Working Space, Add	*35.82*	
23 05 23 00-0344	EA	3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	221.69	27.76
		For True Union Socket Or Thread Type, Add	*40.80*	
		For Work In Restricted Working Space, Add	*41.33*	
23 05 23 00-0345	EA	4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	317.17	31.34
		For True Union Socket Or Thread Type, Add	*72.41*	
		For Work In Restricted Working Space, Add	*47.02*	
23 05 23 00-0346		**Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves** *(23 05 23 00-0313)*		
23 05 23 00-0347	EA	1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	69.75	14.59
		For Full Port, Add	*12.26*	
		For Work In Restricted Working Space, Add	*12.75*	
23 05 23 00-0348	EA	3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	71.98	14.59
		For Full Port, Add	*12.26*	
		For Work In Restricted Working Space, Add	*13.42*	
23 05 23 00-0349	EA	1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	74.33	14.59
		For Full Port, Add	*12.26*	
		For Work In Restricted Working Space, Add	*14.12*	
23 05 23 00-0350	EA	3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	92.34	16.05
		For Full Port, Add	*13.00*	
		For Work In Restricted Working Space, Add	*19.04*	
23 05 23 00-0351	EA	1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	119.61	18.24
		For Full Port, Add	*19.26*	
		For Work In Restricted Working Space, Add	*23.04*	
23 05 23 00-0352	EA	1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	155.86	19.41
		For Full Port, Add	*26.36*	
		For Work In Restricted Working Space, Add	*29.19*	
23 05 23 00-0353	EA	1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	190.14	22.48
		For Full Port, Add	*35.05*	
		For Work In Restricted Working Space, Add	*33.68*	
23 05 23 00-0354	EA	2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	259.41	26.56
		For Full Port, Add	*57.03*	
		For Work In Restricted Working Space, Add	*39.80*	
23 05 23 00-0355	EA	2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	486.68	35.87
		For Full Port, Add	*138.41*	
		For Work In Restricted Working Space, Add	*53.73*	
23 05 23 00-0356	EA	3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	695.08	41.64
		For Full Port, Add	*219.78*	
		For Work In Restricted Working Space, Add	*62.00*	
23 05 23 00-0357		**Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valves** *(23 05 23 00-0313)*		
23 05 23 00-0358	EA	1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	74.15	9.72
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0359	EA	3/4" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	103.53	10.70
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0360	EA	1" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	132.84	12.16
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0361	EA	1-1/4" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	182.45	12.94
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0362	EA	1-1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	232.26	14.98
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0363	EA	2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	310.02	17.71
		For Work In Restricted Working Space, Add	*26.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0364	EA	2-1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	600.44	23.91
		For Work In Restricted Working Space, Add	*35.82*	
23 05 23 00-0365	EA	3" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	808.30	27.76
		For Work In Restricted Working Space, Add	*41.33*	
23 05 23 00-0366		Crimped Bronze, Ball Valves *(23 05 23 00-0313)*		
23 05 23 00-0367		Crimped Bronze, 250 PSI, Ball Valves *(23 05 23 00-0366)*		
		Note: Nibco®		
23 05 23 00-0368	EA	1/2" Crimped Bronze, 250 PSI, Ball Valve	64.16	9.72
		For Work In Restricted Working Space, Add	*6.57*	
23 05 23 00-0369	EA	3/4" Crimped Bronze, 250 PSI, Ball Valve	82.54	10.70
		For Work In Restricted Working Space, Add	*7.48*	
23 05 23 00-0370	EA	1" Crimped Bronze, 250 PSI, Ball Valve	105.62	12.16
		For Work In Restricted Working Space, Add	*8.94*	
23 05 23 00-0371	EA	1-1/4" Crimped Bronze, 250 PSI, Ball Valve	168.46	12.94
		For Work In Restricted Working Space, Add	*9.85*	
23 05 23 00-0372	EA	1-1/2" Crimped Bronze, 250 PSI, Ball Valve	221.67	14.98
		For Work In Restricted Working Space, Add	*10.95*	
23 05 23 00-0373	EA	2" Crimped Bronze, 250 PSI, Ball Valve	332.48	17.71
		For Work In Restricted Working Space, Add	*13.13*	
23 05 23 00-0374		Crimped Bronze, 200 PSI, Full Port Ball Valves *(23 05 23 00-0366)*		
23 05 23 00-0375	EA	1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	42.19	9.72
23 05 23 00-0376	EA	3/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	53.46	10.70
23 05 23 00-0377	EA	1" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	64.92	12.16
23 05 23 00-0378	EA	1-1/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	89.91	12.94
23 05 23 00-0379	EA	1-1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	115.50	14.98
23 05 23 00-0380	EA	2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	169.98	17.71
23 05 23 00-0381		Crimped Bronze, 250 PSI, Full Port Ball Valves *(23 05 23 00-0366)*		
23 05 23 00-0382	EA	1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	48.22	9.72
23 05 23 00-0383	EA	3/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	57.85	10.70
23 05 23 00-0384	EA	1" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	71.94	12.16
23 05 23 00-0385	EA	1-1/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	111.85	12.94
23 05 23 00-0386	EA	1-1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	162.69	14.98
23 05 23 00-0387	EA	2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	224.84	17.71
23 05 23 00-0388		Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves *(23 05 23 00-0366)*		
23 05 23 00-0389	EA	1/2" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	46.58	9.72
23 05 23 00-0390	EA	3/4" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	56.31	10.70
23 05 23 00-0391	EA	1" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve	68.43	12.16
23 05 23 00-0392		Globe Valves *(23 05 23)*		
23 05 23 00-0393		Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves *(23 05 23 00-0392)*		
23 05 23 00-0394	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	64.56	9.72
		For 150 LB Rating, Add	*10.28*	
		For 200 LB Rating, Add	*12.60*	
		For 250 LB Rating, Add	*14.93*	
		For 300 LB Rating, Add	*18.24*	
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0395	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	61.50	9.72
		For 150 LB Rating, Add	*10.28*	
		For 200 LB Rating, Add	*12.60*	
		For 250 LB Rating, Add	*14.93*	
		For 300 LB Rating, Add	*18.24*	
		For Work In Restricted Working Space, Add	*8.50*	
23 05 23 00-0396	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	79.33	9.72
		For 150 LB Rating, Add	*15.35*	
		For 200 LB Rating, Add	*18.81*	
		For 250 LB Rating, Add	*22.28*	
		For 300 LB Rating, Add	*27.23*	
		For Work In Restricted Working Space, Add	*8.95*	
23 05 23 00-0397	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	80.90	9.72
		For 150 LB Rating, Add	*15.35*	
		For 200 LB Rating, Add	*18.81*	
		For 250 LB Rating, Add	*22.28*	
		For 300 LB Rating, Add	*27.23*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*67.02*	
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0398	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	95.97	10.22
		For 150 LB Rating, Add	*16.64*	
		For 200 LB Rating, Add	*20.39*	
		For 250 LB Rating, Add	*24.15*	
		For 300 LB Rating, Add	*29.52*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*75.96*	
		For Work In Restricted Working Space, Add	*12.69*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0399	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	123.75	10.22
		For 150 LB Rating, Add	*22.49*	
		For 200 LB Rating, Add	*27.57*	
		For 250 LB Rating, Add	*32.64*	
		For 300 LB Rating, Add	*39.90*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*100.28*	
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0400	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	190.14	12.94
		For 150 LB Rating, Add	*38.84*	
		For 200 LB Rating, Add	*47.61*	
		For 250 LB Rating, Add	*56.38*	
		For 300 LB Rating, Add	*68.90*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*163.75*	
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0401	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	253.89	14.98
		For 150 LB Rating, Add	*55.51*	
		For 200 LB Rating, Add	*68.04*	
		For 250 LB Rating, Add	*80.57*	
		For 300 LB Rating, Add	*98.48*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*226.89*	
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0402	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	298.94	17.71
		For 150 LB Rating, Add	*65.25*	
		For 200 LB Rating, Add	*79.99*	
		For 250 LB Rating, Add	*94.72*	
		For 300 LB Rating, Add	*115.77*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*266.92*	
		For Work In Restricted Working Space, Add	*26.54*	
23 05 23 00-0403	EA	2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	331.61	23.91
		For 150 LB Rating, Add	*65.79*	
		For 200 LB Rating, Add	*80.64*	
		For 250 LB Rating, Add	*95.49*	
		For 300 LB Rating, Add	*116.72*	
		For Work In Restricted Working Space, Add	*35.82*	
23 05 23 00-0404	EA	3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	613.21	27.76
		For 150 LB Rating, Add	*147.39*	
		For 200 LB Rating, Add	*180.67*	
		For 250 LB Rating, Add	*213.95*	
		For 300 LB Rating, Add	*261.49*	
		For Work In Restricted Working Space, Add	*41.33*	
23 05 23 00-0405		Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0392)*		
23 05 23 00-0406	EA	2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	458.26	17.71
		For 150 LB Rating, Add	*114.64*	
		For 200 LB Rating, Add	*140.53*	
		For 250 LB Rating, Add	*166.41*	
		For 300 LB Rating, Add	*203.40*	
		For Chain Operated Type, Add	*308.79*	
		For Work In Restricted Working Space, Add	*26.54*	
23 05 23 00-0407	EA	2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	567.65	23.91
		For 150 LB Rating, Add	*138.96*	
		For 200 LB Rating, Add	*170.34*	
		For 250 LB Rating, Add	*201.71*	
		For 300 LB Rating, Add	*246.54*	
		For Chain Operated Type, Add	*374.29*	
		For Work In Restricted Working Space, Add	*35.82*	
23 05 23 00-0408	EA	3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	675.67	27.76
		For 150 LB Rating, Add	*166.75*	
		For 200 LB Rating, Add	*204.40*	
		For 250 LB Rating, Add	*242.06*	
		For 300 LB Rating, Add	*295.85*	
		For Chain Operated Type, Add	*449.15*	
		For Work In Restricted Working Space, Add	*41.33*	
23 05 23 00-0409	EA	4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	873.87	31.34
		For 150 LB Rating, Add	*222.33*	
		For 200 LB Rating, Add	*272.54*	
		For 250 LB Rating, Add	*322.74*	
		For 300 LB Rating, Add	*394.46*	
		For Chain Operated Type, Add	*598.86*	
		For Work In Restricted Working Space, Add	*47.00*	
23 05 23 00-0410		Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves *(23 05 23 00-0392)*		
23 05 23 00-0411	EA	2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	302.54	129.69
		For 150 LB Rating, Add	*43.52*	
		For 250 LB Rating, Add	*63.18*	
		For Chain Operated Type, Add	*70.20*	
		For Work In Restricted Working Space, Add	*48.65*	
23 05 23 00-0412	EA	2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	333.97	129.85
		For 150 LB Rating, Add	*53.06*	
		For 250 LB Rating, Add	*77.02*	
		For Chain Operated Type, Add	*85.58*	
		For Work In Restricted Working Space, Add	*48.85*	
23 05 23 00-0413	EA	3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	395.92	152.24
		For 150 LB Rating, Add	*63.67*	
		For 250 LB Rating, Add	*92.42*	
		For Chain Operated Type, Add	*102.69*	
		For Work In Restricted Working Space, Add	*57.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0414	EA	4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	593.67	255.22
		For 150 LB Rating, Add	*84.89*	
		For 250 LB Rating, Add	*123.23*	
		For Chain Operated Type, Add	*136.92*	
		For Work In Restricted Working Space, Add	*95.95*	
23 05 23 00-0415	EA	5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	721.47	272.96
		For 150 LB Rating, Add	*118.05*	
		For 250 LB Rating, Add	*171.36*	
		For Chain Operated Type, Add	*190.40*	
		For Work In Restricted Working Space, Add	*102.20*	
23 05 23 00-0416	EA	6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	861.82	303.28
		For 150 LB Rating, Add	*149.22*	
		For 250 LB Rating, Add	*216.61*	
		For Chain Operated Type, Add	*240.68*	
		For Work In Restricted Working Space, Add	*114.14*	
23 05 23 00-0417	EA	8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,221.62	387.54
		For 150 LB Rating, Add	*229.47*	
		For 250 LB Rating, Add	*333.09*	
		For Chain Operated Type, Add	*370.11*	
		For Work In Restricted Working Space, Add	*144.42*	
23 05 23 00-0418	EA	10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,717.15	471.78
		For 150 LB Rating, Add	*349.50*	
		For 250 LB Rating, Add	*507.34*	
		For Chain Operated Type, Add	*563.72*	
		For Work In Restricted Working Space, Add	*176.92*	
23 05 23 00-0419	EA	12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	2,848.23	572.88
		For 150 LB Rating, Add	*661.36*	
		For 250 LB Rating, Add	*960.03*	
		For Chain Operated Type, Add	*1,066.71*	
		For Work In Restricted Working Space, Add	*214.45*	

23 05 23 00-0420 Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves *(23 05 23 00-0392)*

23 05 23 00-0421	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	56.52	9.72
		For 150 LB Rating, Add	*7.79*	
		For 200 LB Rating, Add	*9.55*	
		For 300 LB Rating, Add	*13.82*	
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0422	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	53.46	9.72
		For 150 LB Rating, Add	*7.79*	
		For 200 LB Rating, Add	*9.55*	
		For 300 LB Rating, Add	*13.82*	
		For Work In Restricted Working Space, Add	*8.50*	
23 05 23 00-0423	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	54.95	9.72
		For 150 LB Rating, Add	*7.79*	
		For 200 LB Rating, Add	*9.55*	
		For 300 LB Rating, Add	*13.82*	
		For Work In Restricted Working Space, Add	*8.95*	
23 05 23 00-0424	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	58.19	9.72
		For 150 LB Rating, Add	*8.31*	
		For 200 LB Rating, Add	*10.18*	
		For 300 LB Rating, Add	*14.74*	
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0425	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	79.47	10.22
		For 150 LB Rating, Add	*11.52*	
		For 200 LB Rating, Add	*14.12*	
		For 300 LB Rating, Add	*20.44*	
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0426	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	99.98	10.22
		For 150 LB Rating, Add	*15.12*	
		For 200 LB Rating, Add	*18.53*	
		For 300 LB Rating, Add	*26.82*	
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0427	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	137.31	12.94
		For 150 LB Rating, Add	*22.46*	
		For 200 LB Rating, Add	*27.53*	
		For 300 LB Rating, Add	*39.85*	
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0428	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	159.30	14.98
		For 150 LB Rating, Add	*26.18*	
		For 200 LB Rating, Add	*32.09*	
		For 300 LB Rating, Add	*46.45*	
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0429	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	215.67	17.71
		For 150 LB Rating, Add	*39.44*	
		For 200 LB Rating, Add	*48.34*	
		For 300 LB Rating, Add	*69.97*	
		For Work In Restricted Working Space, Add	*26.54*	
23 05 23 00-0430	EA	2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	359.20	25.98
		For 150 LB Rating, Add	*71.14*	
		For 200 LB Rating, Add	*87.20*	
		For 300 LB Rating, Add	*126.21*	
		For Work In Restricted Working Space, Add	*38.92*	
23 05 23 00-0431	EA	3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	538.30	30.16
		For 150 LB Rating, Add	*120.48*	
		For 200 LB Rating, Add	*147.68*	
		For 300 LB Rating, Add	*213.75*	
		For Work In Restricted Working Space, Add	*44.90*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0432		Flanged, 125 LB, Iron Body, Angle Globe Valves *(23 05 23 00-0392)*		
23 05 23 00-0433	EA	2" Flanged, 125 LB, Iron Body, Angle Globe Valve	523.36	129.69
		For 250 LB Rating, Add	*216.73*	
		For Chain Operated Type, Add	*140.87*	
		For Work In Restricted Working Space, Add	*48.65*	
23 05 23 00-0434	EA	2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve	590.01	129.85
		For 250 LB Rating, Add	*256.31*	
		For Chain Operated Type, Add	*166.60*	
		For Work In Restricted Working Space, Add	*48.85*	
23 05 23 00-0435	EA	3" Flanged, 125 LB, Iron Body, Angle Globe Valve	693.95	152.24
		For 250 LB Rating, Add	*302.05*	
		For Chain Operated Type, Add	*196.33*	
		For Work In Restricted Working Space, Add	*57.16*	
23 05 23 00-0436	EA	4" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,038.85	255.22
		For 250 LB Rating, Add	*431.41*	
		For Chain Operated Type, Add	*280.42*	
		For Work In Restricted Working Space, Add	*95.95*	
23 05 23 00-0437	EA	5" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,629.29	272.96
		For 250 LB Rating, Add	*773.17*	
		For Chain Operated Type, Add	*502.56*	
		For Work In Restricted Working Space, Add	*102.20*	
23 05 23 00-0438	EA	6" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,669.09	303.28
		For 250 LB Rating, Add	*773.17*	
		For Chain Operated Type, Add	*502.56*	
		For Work In Restricted Working Space, Add	*114.14*	
23 05 23 00-0439	EA	8" Flanged, 125 LB, Iron Body, Angle Globe Valve	3,003.49	387.54
		For 250 LB Rating, Add	*1,513.25*	
		For Chain Operated Type, Add	*983.61*	
		For Work In Restricted Working Space, Add	*144.42*	
23 05 23 00-0440		Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves *(23 05 23 00-0392)*		
		Note: 800 PSIG at 850 degrees F.		
23 05 23 00-0441	EA	1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	189.05	15.76
		For Work In Restricted Working Space, Add	*8.50*	
23 05 23 00-0442	EA	1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	192.11	15.76
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0443	EA	3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	225.14	21.21
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0444	EA	1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	278.28	25.58
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0445	EA	1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	454.13	32.40
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0446	EA	1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	545.20	37.46
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0447	EA	2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	694.47	44.27
		For Work In Restricted Working Space, Add	*26.54*	
23 05 23 00-0448		Check Valves *(23 05 23)*		
23 05 23 00-0449		Iron Body Wafer Type Check Valve *(23 05 23 00-0448)*		
23 05 23 00-0450		Single Disk Type *(23 05 23 00-0449)*		
23 05 23 00-0451	EA	2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	419.94	129.73
		For 150 LB Rating, Add	*54.12*	
		For 200 LB Rating, Add	*64.43*	
		For 300 LB Rating, Add	*77.32*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*148.42*	
23 05 23 00-0452	EA	2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	500.57	129.91
		For 150 LB Rating, Add	*70.91*	
		For 200 LB Rating, Add	*84.42*	
		For 300 LB Rating, Add	*101.30*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*184.53*	
23 05 23 00-0453	EA	3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	617.44	152.31
		For 150 LB Rating, Add	*89.63*	
		For 200 LB Rating, Add	*106.70*	
		For 300 LB Rating, Add	*128.04*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*230.19*	
23 05 23 00-0454	EA	4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	898.06	255.33
		For 150 LB Rating, Add	*121.40*	
		For 200 LB Rating, Add	*144.52*	
		For 300 LB Rating, Add	*173.43*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*324.13*	
23 05 23 00-0455	EA	6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,353.45	358.36
		For 150 LB Rating, Add	*190.15*	
		For 200 LB Rating, Add	*226.37*	
		For 300 LB Rating, Add	*271.65*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*497.06*	
23 05 23 00-0456	EA	8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,902.86	412.12
		For 150 LB Rating, Add	*291.81*	
		For 200 LB Rating, Add	*347.39*	
		For 300 LB Rating, Add	*416.87*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*727.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0457	EA	10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	2,851.16	501.71
		For 150 LB Rating, Add	*466.08*	
		For 200 LB Rating, Add	*554.86*	
		For 300 LB Rating, Add	*665.83*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,125.09*	

23 05 23 00-0458 Twin Disc Type *(23 05 23 00-0449)*

23 05 23 00-0459	EA	2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	471.91	129.73
		For 150 LB Rating, Add	*65.04*	
		For 200 LB Rating, Add	*77.43*	
		For 300 LB Rating, Add	*92.91*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*171.81*	
23 05 23 00-0460	EA	2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	534.57	129.91
		For 150 LB Rating, Add	*78.05*	
		For 200 LB Rating, Add	*92.92*	
		For 300 LB Rating, Add	*111.50*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*199.83*	
23 05 23 00-0461	EA	3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	624.28	152.31
		For 150 LB Rating, Add	*91.07*	
		For 200 LB Rating, Add	*108.41*	
		For 300 LB Rating, Add	*130.10*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*233.27*	
23 05 23 00-0462	EA	4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	870.68	255.33
		For 150 LB Rating, Add	*115.65*	
		For 200 LB Rating, Add	*137.68*	
		For 300 LB Rating, Add	*165.21*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*311.81*	
23 05 23 00-0463	EA	6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,336.00	358.36
		For 150 LB Rating, Add	*186.49*	
		For 200 LB Rating, Add	*222.01*	
		For 300 LB Rating, Add	*266.41*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*489.21*	
23 05 23 00-0464	EA	8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,868.14	412.12
		For 150 LB Rating, Add	*284.80*	
		For 200 LB Rating, Add	*339.05*	
		For 300 LB Rating, Add	*406.86*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*712.68*	
23 05 23 00-0465	EA	10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	2,775.19	44.80
		For 150 LB Rating, Add	*451.04*	
		For 200 LB Rating, Add	*536.95*	
		For 300 LB Rating, Add	*644.34*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,091.99*	
23 05 23 00-0466	EA	12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	3,636.82	609.22
		For 150 LB Rating, Add	*604.29*	
		For 200 LB Rating, Add	*719.39*	
		For 300 LB Rating, Add	*863.27*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,446.76*	
23 05 23 00-0467	EA	14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	6,794.53	707.32
		For 150 LB Rating, Add	*1,228.80*	
		For 200 LB Rating, Add	*1,462.86*	
		For 300 LB Rating, Add	*1,755.43*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*2,821.76*	
23 05 23 00-0468	EA	16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	9,298.25	829.93
		For 150 LB Rating, Add	*1,734.78*	
		For 200 LB Rating, Add	*2,065.21*	
		For 300 LB Rating, Add	*2,478.25*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*3,924.86*	
23 05 23 00-0469	EA	18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	12,368.79	924.24
		For 150 LB Rating, Add	*2,355.38*	
		For 200 LB Rating, Add	*2,804.03*	
		For 300 LB Rating, Add	*3,364.83*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*5,277.79*	
23 05 23 00-0470	EA	20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	14,709.84	1,037.41
		For 150 LB Rating, Add	*2,816.75*	
		For 200 LB Rating, Add	*3,353.27*	
		For 300 LB Rating, Add	*4,023.92*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*6,295.24*	
23 05 23 00-0471	EA	24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	19,220.33	1,273.18
		For 150 LB Rating, Add	*3,701.11*	
		For 200 LB Rating, Add	*4,406.08*	
		For 300 LB Rating, Add	*5,287.30*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*8,250.15*	

23 05 23 00-0472 Lift Check Valves *(23 05 23 00-0448)*

23 05 23 00-0473 Bronze Body, Threaded, Vertical Lift Check Valves *(23 05 23 00-0472)*

Note: Watts #600 series.

23 05 23 00-0474	EA	3/8" Lift Check Valve, Bronze, Threaded	107.68	9.72
23 05 23 00-0475	EA	1/2" Lift Check Valve, Bronze, Threaded	113.96	9.72
23 05 23 00-0476	EA	3/4" Lift Check Valve, Bronze, Threaded	145.14	10.22
23 05 23 00-0477	EA	1" Lift Check Valve, Bronze, Threaded	191.56	10.22
23 05 23 00-0478	EA	1-1/4" Lift Check Valve, Bronze, Threaded	266.03	12.94
23 05 23 00-0479	EA	1-1/2" Lift Check Valve, Bronze, Threaded	323.93	14.98
23 05 23 00-0480	EA	2" Lift Check Valve, Bronze, Threaded	462.97	17.71

23 05 23 00-0481 Bronze Body, Threaded, 300 LB, Lift Check Valves *(23 05 23 00-0472)*

Note: Crane 366E.

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CSI	UOM	MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0482	EA	1/2" Lift Check Valve, Bronze, Threaded, 300 LB	678.11	9.72
23 05 23 00-0483	EA	3/4" Lift Check Valve, Bronze, Threaded, 300 LB	823.38	10.22
23 05 23 00-0484	EA	1" Lift Check Valve, Bronze, Threaded, 300 LB	1,479.04	10.22
23 05 23 00-0485	EA	1-1/4" Lift Check Valve, Bronze, Threaded, 300 LB	1,971.43	12.94
23 05 23 00-0486	EA	1-1/2" Lift Check Valve, Bronze, Threaded, 300 LB	2,141.01	14.98
23 05 23 00-0487	EA	2" Lift Check Valve, Bronze, Threaded, 300 LB	2,750.89	17.71

23 05 23 00-0488 Iron Body, Flanged, 125 LB Vertical Lift Check Valves *(23 05 23 00-0472)*

Note: Mueller 105MAP.

23 05 23 00-0489	EA	2" Lift Check Valve, Iron Body, Flanged, 125 LB	981.96	129.69
23 05 23 00-0490	EA	2-1/2" Lift Check Valve, Iron Body, Flanged, 125 LB	681.61	129.85
23 05 23 00-0491	EA	3" Lift Check Valve, Iron Body, Flanged, 125 LB	749.92	152.24
23 05 23 00-0492	EA	4" Lift Check Valve, Iron Body, Flanged, 125 LB	1,071.55	255.22
23 05 23 00-0493	EA	5" Lift Check Valve, Iron Body, Flanged, 125 LB	1,307.68	272.96
23 05 23 00-0494	EA	6" Lift Check Valve, Iron Body, Flanged, 125 LB	1,591.87	303.28
23 05 23 00-0495	EA	8" Lift Check Valve, Iron Body, Flanged, 125 LB	2,698.64	387.54
23 05 23 00-0496	EA	10" Lift Check Valve, Iron Body, Flanged, 125 LB	3,381.33	471.78
23 05 23 00-0497	EA	12" Lift Check Valve, Iron Body, Flanged, 125 LB	5,359.27	572.88
23 05 23 00-0498	EA	14" Lift Check Valve, Iron Body, Flanged, 125 LB	7,251.27	738.71
23 05 23 00-0499	EA	16" Lift Check Valve, Iron Body, Flanged, 125 LB	8,031.81	812.58

23 05 23 00-0500 Bronze Body Swing Check Valves *(23 05 23 00-0448)*

23 05 23 00-0501 Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves *(23 05 23 00-0500)*

23 05 23 00-0502	EA	1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	72.27	9.72
		For 300 LB Rating, Add	*15.94*	
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0503	EA	1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	69.21	9.72
		For 300 LB Rating, Add	*15.94*	
		For Work In Restricted Working Space, Add	*8.50*	
23 05 23 00-0504	EA	3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	70.70	9.72
		For 300 LB Rating, Add	*15.94*	
		For Work In Restricted Working Space, Add	*8.95*	
23 05 23 00-0505	EA	1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	73.86	9.72
		For 300 LB Rating, Add	*16.56*	
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0506	EA	3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	93.76	10.22
		For 300 LB Rating, Add	*20.07*	
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0507	EA	1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	121.09	10.22
		For 300 LB Rating, Add	*27.25*	
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0508	EA	1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	162.95	12.94
		For 300 LB Rating, Add	*38.26*	
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0509	EA	1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	212.21	14.98
		For 300 LB Rating, Add	*53.57*	
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0510	EA	2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	265.07	17.71
		For 300 LB Rating, Add	*68.88*	
		For Work In Restricted Working Space, Add	*26.54*	
23 05 23 00-0511	EA	2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	525.40	23.91
		For 300 LB Rating, Add	*158.34*	
		For Work In Restricted Working Space, Add	*35.82*	
23 05 23 00-0512	EA	3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	715.21	27.76
		For 300 LB Rating, Add	*225.20*	
		For Work In Restricted Working Space, Add	*41.33*	
23 05 23 00-0513	EA	4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	810.15	31.34
		For 300 LB Rating, Add	*254.84*	
		For Work In Restricted Working Space, Add	*47.02*	

23 05 23 00-0514 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves *(23 05 23 00-0448)*

23 05 23 00-0515	EA	1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	239.69	72.97
		For 150 LB Rating, Add	*100.57*	
		For 250 LB Rating, Add	*192.27*	
		For Work In Restricted Working Space, Add	*27.54*	
23 05 23 00-0516	EA	1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	268.70	85.13
		For 150 LB Rating, Add	*110.81*	
		For 250 LB Rating, Add	*211.84*	
		For Work In Restricted Working Space, Add	*31.73*	
23 05 23 00-0517	EA	1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	304.74	102.16
		For 150 LB Rating, Add	*120.18*	
		For 250 LB Rating, Add	*229.75*	
		For Work In Restricted Working Space, Add	*38.40*	
23 05 23 00-0518	EA	2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	381.65	129.69
		For 150 LB Rating, Add	*149.26*	
		For 250 LB Rating, Add	*285.35*	
		For Work In Restricted Working Space, Add	*48.65*	
23 05 23 00-0519	EA	2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	418.99	129.85
		For 150 LB Rating, Add	*174.20*	
		For 250 LB Rating, Add	*333.02*	
		For Work In Restricted Working Space, Add	*48.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0520	EA	3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	468.92	152.24
		For 150 LB Rating, Add	*189.30*	
		For 250 LB Rating, Add	*361.89*	
		For Work In Restricted Working Space, Add	*57.16*	
23 05 23 00-0521	EA	4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	750.05	255.22
		For 150 LB Rating, Add	*292.55*	
		For 250 LB Rating, Add	*559.29*	
		For Work In Restricted Working Space, Add	*95.95*	
23 05 23 00-0522	EA	5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	972.32	272.96
		For 150 LB Rating, Add	*429.52*	
		For 250 LB Rating, Add	*821.15*	
		For Work In Restricted Working Space, Add	*102.20*	
23 05 23 00-0523	EA	6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,112.84	303.28
		For 150 LB Rating, Add	*498.01*	
		For 250 LB Rating, Add	*952.08*	
		For Work In Restricted Working Space, Add	*114.14*	
23 05 23 00-0524	EA	8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	2,309.86	387.54
		For 150 LB Rating, Add	*1,243.35*	
		For 250 LB Rating, Add	*2,376.99*	
		For Work In Restricted Working Space, Add	*144.42*	
23 05 23 00-0525	EA	10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	3,078.63	471.78
		For 150 LB Rating, Add	*1,692.46*	
		For 250 LB Rating, Add	*3,235.58*	
		For Work In Restricted Working Space, Add	*176.92*	
23 05 23 00-0526	EA	12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	4,596.16	572.88
		For 150 LB Rating, Add	*2,639.31*	
		For 250 LB Rating, Add	*5,045.74*	
		For Work In Restricted Working Space, Add	*214.45*	
23 05 23 00-0527	EA	14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	5,317.59	738.71
		For 150 LB Rating, Add	*2,988.06*	
		For 250 LB Rating, Add	*5,712.46*	
		For Work In Restricted Working Space, Add	*277.02*	
23 05 23 00-0528	EA	16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	7,415.86	812.58
		For 150 LB Rating, Add	*4,352.09*	
		For 250 LB Rating, Add	*8,320.17*	
		For Work In Restricted Working Space, Add	*304.72*	
23 05 23 00-0529	EA	18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	11,185.74	901.23
		For 150 LB Rating, Add	*6,840.26*	
		For 250 LB Rating, Add	*13,076.96*	
		For Work In Restricted Working Space, Add	*337.96*	
23 05 23 00-0530	EA	20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	15,270.38	1,015.73
		For 150 LB Rating, Add	*9,520.49*	
		For 250 LB Rating, Add	*18,200.94*	
		For Work In Restricted Working Space, Add	*380.90*	
23 05 23 00-0531	EA	24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	21,158.36	1,246.57
		For 150 LB Rating, Add	*13,328.10*	
		For 250 LB Rating, Add	*25,480.18*	
		For Work In Restricted Working Space, Add	*467.47*	

23 05 23 00-0532 Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves *(23 05 23 00-0448)*

Note: 800 PSIG at 850 Degrees F.

23 05 23 00-0533	EA	1/2" Class 800, Threaded, Forged Steel Swing Check Valve	172.94	9.72
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0534	EA	3/4" 800, Threaded, Forged Steel Swing Check Valve	203.02	10.70
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0535	EA	1" Class 800, Threaded, Forged Steel Swing Check Valve	239.95	12.16
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0536	EA	1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve	373.52	12.94
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0537	EA	1-1/2" 800, Threaded, Forged Steel Swing Check Valve	443.46	14.98
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0538	EA	2" Class 800, Threaded, Forged Steel Swing Check Valve	601.57	17.71
		For Work In Restricted Working Space, Add	*26.54*	

23 05 23 00-0539 Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End Connections *(23 05 23 00-0448)*

23 05 23 00-0540	EA	1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	51.49	9.72
		For Work In Restricted Working Space, Add	*9.42*	
23 05 23 00-0541	EA	3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	62.40	10.70
		For Work In Restricted Working Space, Add	*12.69*	
23 05 23 00-0542	EA	1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	72.10	12.16
		For Work In Restricted Working Space, Add	*15.36*	
23 05 23 00-0543	EA	1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	86.61	12.94
		For Work In Restricted Working Space, Add	*19.46*	
23 05 23 00-0544	EA	1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	97.85	14.98
		For Work In Restricted Working Space, Add	*22.45*	
23 05 23 00-0545	EA	2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	124.22	17.71
		For Work In Restricted Working Space, Add	*26.54*	
23 05 23 00-0546	EA	2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	170.33	23.91
		For Work In Restricted Working Space, Add	*35.82*	
23 05 23 00-0547	EA	3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	203.86	27.76
		For Work In Restricted Working Space, Add	*41.33*	

23 05 23 00-0548 Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves *(23 05 23 00-0448)*

Note: Nibco®

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0549	EA	1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	119.58	9.72
		For Work In Restricted Working Space, Add	*6.57*	
23 05 23 00-0550	EA	3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	151.79	10.70
		For Work In Restricted Working Space, Add	*7.48*	
23 05 23 00-0551	EA	1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	209.15	12.16
		For Work In Restricted Working Space, Add	*8.94*	
23 05 23 00-0552	EA	1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	277.80	12.94
		For Work In Restricted Working Space, Add	*9.85*	
23 05 23 00-0553	EA	1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	331.03	14.98
		For Work In Restricted Working Space, Add	*10.95*	
23 05 23 00-0554	EA	2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve	472.46	17.71
		For Work In Restricted Working Space, Add	*13.13*	

23 05 23 00-0555 Crimped Bronze, 250 PSI, In-Line, Check Valves *(23 05 23 00-0448)*

23 05 23 00-0556	EA	1/2" Crimped Bronze, 200 PSI, In-Line Check Valve	37.56	9.72
23 05 23 00-0557	EA	3/4" Crimped Bronze, 200 PSI, In-Line Check Valve	44.98	10.70
23 05 23 00-0558	EA	1" Crimped Bronze, 200 PSI, In-Line Check Valve	52.91	12.16
23 05 23 00-0559	EA	1-1/4" Crimped Bronze, 200 PSI, In-Line Check Valve	66.25	12.94
23 05 23 00-0560	EA	1-1/2" Crimped Bronze, 200 PSI, In-Line Check Valve	83.93	14.98
23 05 23 00-0561	EA	2" Crimped Bronze, 200 PSI, In-Line Check Valve	130.11	17.71

23 05 23 00-0562 Diaphragm Valves *(23 05 23)*

23 05 23 00-0563 Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0562)*

23 05 23 00-0564	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	254.66	29.11
23 05 23 00-0565	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	328.22	32.23
23 05 23 00-0566	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	354.20	39.85
23 05 23 00-0567	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	563.53	59.55
23 05 23 00-0568	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	915.83	71.64

23 05 23 00-0569 Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0562)*

23 05 23 00-0570	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	171.17	46.70
23 05 23 00-0571	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	196.89	48.64
23 05 23 00-0572	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	237.99	72.97
23 05 23 00-0573	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	355.43	102.16
23 05 23 00-0574	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	547.38	129.69
23 05 23 00-0575	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	679.76	129.85
23 05 23 00-0576	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	839.16	152.24
23 05 23 00-0577	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,210.23	255.22
23 05 23 00-0578	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	2,375.29	303.28
23 05 23 00-0579	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	3,644.71	387.54

23 05 23 00-0580 Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves *(23 05 23 00-0562)*

23 05 23 00-0581	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	152.37	29.11
23 05 23 00-0582	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	201.69	32.23
23 05 23 00-0583	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	227.68	39.85
23 05 23 00-0584	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	391.23	59.55
23 05 23 00-0585	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	514.71	71.64

23 05 23 00-0586 Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0562)*

23 05 23 00-0587	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	122.20	46.70
23 05 23 00-0588	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	142.36	48.64
23 05 23 00-0589	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	183.46	72.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0590	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	281.17	102.16
23 05 23 00-0591	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	374.49	129.69
23 05 23 00-0592	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	439.66	129.85
23 05 23 00-0593	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	531.68	152.24
23 05 23 00-0594	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	847.78	255.22
23 05 23 00-0595	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	1,563.27	303.28
23 05 23 00-0596	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	2,356.77	387.54

23 05 23 00-0597 125 LB, Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves *(23 05 23 00-0562)*

23 05 23 00-0598	EA	1" Diaphragm Valve, Cast Iron, 125 LB, Flanged	221.57	72.97
23 05 23 00-0599	EA	1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	349.39	102.16
23 05 23 00-0600	EA	2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	465.59	129.69
23 05 23 00-0601	EA	2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	636.11	129.85
23 05 23 00-0602	EA	3" Diaphragm Valve, Cast Iron, 125 LB, Flanged	707.72	152.24
23 05 23 00-0603	EA	4" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,119.46	255.22
23 05 23 00-0604	EA	6" Diaphragm Valve, Cast Iron, 125 LB, Flanged	2,117.13	303.28
23 05 23 00-0605	EA	8" Diaphragm Valve, Cast Iron, 125 LB, Flanged	4,263.87	387.54

23 05 23 00-0606 Flow Control Valves And Meters *(23 05 23)*

23 05 23 00-0607 Conditioned Water Balancing Valves *(23 05 23 00-0606)*

Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.

23 05 23 00-0608	EA	1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	124.06	49.64
23 05 23 00-0609	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	150.46	66.17
23 05 23 00-0610	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	301.11	75.62
23 05 23 00-0611	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	395.62	93.43
23 05 23 00-0612	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	460.95	99.27
23 05 23 00-0613	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	628.58	113.48
23 05 23 00-0614	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,196.39	197.46
23 05 23 00-0615	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,692.05	225.68
23 05 23 00-0616	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,034.67	152.31
23 05 23 00-0617	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,305.67	255.33
23 05 23 00-0618	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,535.70	322.53
23 05 23 00-0619	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,548.24	412.12
23 05 23 00-0620	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	4,218.66	501.71

23 05 23 00-0621 Read Out Meters *(23 05 23 00-0606)*

Note: For use with conditioned portable water balancing valves.

23 05 23 00-0622	EA	0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	845.55	
23 05 23 00-0623	EA	0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,144.28	
23 05 23 00-0624	EA	0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,144.28	
23 05 23 00-0625	EA	0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,144.28	

23 05 23 00-0626 Balancing Valves *(23 05 23)*

23 05 23 00-0627 Balancing Valves With Lever *(23 05 23 00-0626)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0628	EA	1/2" Threaded Balancing Valve With Lever	157.60	30.65
23 05 23 00-0629	EA	3/4" Threaded Balancing Valve With Lever	180.36	40.39
23 05 23 00-0630	EA	1" Threaded Balancing Valve With Lever	194.39	46.23
23 05 23 00-0631	EA	1-1/4" Threaded Balancing Valve With Lever	224.87	57.42
23 05 23 00-0632	EA	1-1/2" Threaded Balancing Valve With Lever	240.77	60.82
23 05 23 00-0633	EA	2" Threaded Balancing Valve With Lever	268.07	69.59
23 05 23 00-0634	EA	2-1/2" Flanged Balancing Valve With Lever	413.53	129.91
23 05 23 00-0635	EA	3" Flanged Balancing Valve With Lever	473.52	152.31
23 05 23 00-0636	EA	4" Flanged Balancing Valve With Lever	730.65	255.33
23 05 23 00-0637	EA	5" Flanged Balancing Valve With Lever	1,055.86	290.28
23 05 23 00-0638	EA	6" Flanged Balancing Valve With Lever	1,098.18	322.53
23 05 23 00-0639	EA	8" Flanged Balancing Valve With Lever	1,474.76	412.12

23 05 23 00-0640 Balancing Valves With Nut *(23 05 23 00-0626)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0641	EA	4" Flanged Balancing Valve With Nut	698.40	255.33
23 05 23 00-0642	EA	5" Flanged Balancing Valve With Nut	1,014.92	290.28
23 05 23 00-0643	EA	6" Flanged Balancing Valve With Nut	1,057.24	322.53
23 05 23 00-0644	EA	8" Flanged Balancing Valve With Nut	1,417.69	412.12

23 05 23 00-0645 Balancing Valves With Hand Wheel *(23 05 23 00-0626)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0646	EA	4" Flanged Balancing Valve With Hand Wheel	940.34	255.33
23 05 23 00-0647	EA	5" Flanged Balancing Valve With Hand Wheel	1,269.27	290.28
23 05 23 00-0648	EA	6" Flanged Balancing Valve With Hand Wheel	1,311.59	322.53
23 05 23 00-0649	EA	8" Flanged Balancing Valve With Hand Wheel	1,695.62	412.12
23 05 23 00-0650	EA	10" Flanged Balancing Valve With Hand Wheel	2,480.81	501.71
23 05 23 00-0651	EA	12" Flanged Balancing Valve With Hand Wheel	3,227.12	400.16
23 05 23 00-0652	EA	14" Flanged Balancing Valve With Hand Wheel	4,322.89	754.48

23 05 23 00-0653 Balancing Valves With Chain Wheel *(23 05 23 00-0626)*

Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.

23 05 23 00-0654	EA	4" Flanged Balancing Valve With Chain Wheel	1,071.86	255.33
23 05 23 00-0655	EA	5" Flanged Balancing Valve With Chain Wheel	1,402.03	290.28
23 05 23 00-0656	EA	6" Flanged Balancing Valve With Chain Wheel	1,444.35	322.53
23 05 23 00-0657	EA	8" Flanged Balancing Valve With Chain Wheel	1,827.13	412.12
23 05 23 00-0658	EA	10" Flanged Balancing Valve With Chain Wheel	2,613.56	501.71
23 05 23 00-0659	EA	12" Flanged Balancing Valve With Chain Wheel	3,389.89	399.88
23 05 23 00-0660	EA	14" Flanged Balancing Valve With Chain Wheel	4,484.18	754.48

23 05 23 00-0661 Calibrated Balancing Valves *(23 05 23 00-0626)*

Note: Bell & Gossett CB Series.

23 05 23 00-0662	EA	1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S)	87.34	9.73
23 05 23 00-0663	EA	3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S)	103.84	10.70
23 05 23 00-0664	EA	1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S)	126.74	12.16
23 05 23 00-0665	EA	1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S)	169.77	12.95
23 05 23 00-0666	EA	1" Threaded Calibrated Balancing Valve (CB-1)	134.43	12.16
23 05 23 00-0667	EA	1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4)	183.05	12.95
23 05 23 00-0668	EA	1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2)	212.60	14.99
23 05 23 00-0669	EA	2" Threaded Calibrated Balancing Valve (CB-2)	284.25	17.72
23 05 23 00-0670	EA	2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2)	521.28	25.99
23 05 23 00-0671	EA	3" Threaded Calibrated Balancing Valve (CB-3)	726.51	30.17
23 05 23 00-0672	EA	2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F)	694.36	141.12
23 05 23 00-0673	EA	3" Flanged Calibrated Balancing Valve (CB-3F)	993.66	165.45
23 05 23 00-0674	EA	4" Flanged Calibrated Balancing Valve (CB-4F)	1,560.68	277.38
23 05 23 00-0675	EA	5" Flanged Calibrated Balancing Valve (CB-5F)	2,221.94	315.33
23 05 23 00-0676	EA	6" Flanged Calibrated Balancing Valve (CB-6F)	2,904.17	350.36
23 05 23 00-0677	EA	8" Flanged Calibrated Balancing Valve (CB-8F)	5,188.28	447.69
23 05 23 00-0678	EA	10" Flanged Calibrated Balancing Valve (CB-10F)	7,183.75	528.14
23 05 23 00-0679	EA	12" Flanged Calibrated Balancing Valve (CB-12F)	14,971.78	641.31
23 05 23 00-0680	EA	4" Grooved Calibrated Balancing Valve (CB-4G)	1,763.62	33.49
23 05 23 00-0681	EA	5" Grooved Calibrated Balancing Valve (CB-5G)	2,035.75	42.97
23 05 23 00-0682	EA	6" Grooved Calibrated Balancing Valve (CB-6G)	2,704.53	55.10
23 05 23 00-0683	EA	8" Grooved Calibrated Balancing Valve (CB-8G)	5,047.75	69.92
23 05 23 00-0684	EA	10" Grooved Calibrated Balancing Valve (CB-10G)	6,778.91	78.35
23 05 23 00-0685	EA	12" Grooved Calibrated Balancing Valve (CB-12G)	13,928.79	95.54

23 05 23 00-0686 Butterfly Valves *(23 05 23)*

23 05 23 00-0687 Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves *(23 05 23 00-0686)*

Note: With on-off handle

23 05 23 00-0688	EA	2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	247.51	129.69
		For 200 PSI, Add	*40.97*	
		For Work In Restricted Working Space, Add	*48.65*	
23 05 23 00-0689	EA	2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	253.15	129.85
		For 200 PSI, Add	*43.36*	
		For Work In Restricted Working Space, Add	*48.85*	
23 05 23 00-0690	EA	3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	287.81	152.24
		For 200 PSI, Add	*46.69*	
		For Work In Restricted Working Space, Add	*57.16*	
23 05 23 00-0691	EA	4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	441.92	255.22
		For 200 PSI, Add	*58.60*	
		For Work In Restricted Working Space, Add	*95.95*	
23 05 23 00-0692	EA	5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	554.17	303.28
		For 200 PSI, Add	*83.38*	
		For Work In Restricted Working Space, Add	*114.14*	
23 05 23 00-0693	EA	6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	633.64	336.99
		For 200 PSI, Add	*101.96*	
		For Work In Restricted Working Space, Add	*126.37*	
23 05 23 00-0694	EA	8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	801.02	387.54
		For 200 PSI, Add	*153.41*	
		For Work In Restricted Working Space, Add	*144.42*	
23 05 23 00-0695	EA	10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,209.10	471.78
		For 200 PSI, Add	*297.30*	
		For Work In Restricted Working Space, Add	*176.92*	
23 05 23 00-0696	EA	12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,503.93	572.88
		For 200 PSI, Add	*378.77*	
		For Work In Restricted Working Space, Add	*214.45*	

23 05 23 00-0697 Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve *(23 05 23 00-0686)*

23 05 23 00-0698	EA	2-1/2" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	876.55	25.98
		For Work In Restricted Working Space, Add	*15.32*	
23 05 23 00-0699	EA	3" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	949.77	30.16
		For Work In Restricted Working Space, Add	*18.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0700	EA	4" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve	1,187.95	34.05
		For Work In Restricted Working Space, Add	*24.08*	

23 05 23 00-0701 Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valves *(23 05 23 00-0686)*

23 05 23 00-0702	EA	2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	396.40	129.69
		For Work In Restricted Working Space, Add	*48.65*	
23 05 23 00-0703	EA	2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	399.06	129.85
		For Work In Restricted Working Space, Add	*48.85*	
23 05 23 00-0704	EA	3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	438.69	152.24
		For Work In Restricted Working Space, Add	*57.16*	
23 05 23 00-0705	EA	4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	599.74	255.22
		For Work In Restricted Working Space, Add	*95.95*	
23 05 23 00-0706	EA	5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	728.87	303.28
		For Work In Restricted Working Space, Add	*114.14*	
23 05 23 00-0707	EA	6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	807.29	336.99
		For Work In Restricted Working Space, Add	*126.37*	
23 05 23 00-0708	EA	8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	981.68	387.54
		For Work In Restricted Working Space, Add	*144.42*	
23 05 23 00-0709	EA	10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,235.90	471.78
		For Work In Restricted Working Space, Add	*176.92*	
23 05 23 00-0710	EA	12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,653.81	572.88
		For Work In Restricted Working Space, Add	*214.45*	

23 05 23 00-0711 Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valves *(23 05 23 00-0686)*

23 05 23 00-0712	EA	14" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	2,599.60	692.54
		For 200 PSI, Add	*603.44*	
		For Work In Restricted Working Space, Add	*277.02*	
23 05 23 00-0713	EA	16" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	3,267.70	812.58
		For 200 PSI, Add	*810.71*	
		For Work In Restricted Working Space, Add	*304.72*	
23 05 23 00-0714	EA	18" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	4,474.44	904.92
		For 200 PSI, Add	*1,204.51*	
		For Work In Restricted Working Space, Add	*338.57*	
23 05 23 00-0715	EA	20" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	5,694.97	1,015.73
		For 200 PSI, Add	*1,593.11*	
		For Work In Restricted Working Space, Add	*380.90*	
23 05 23 00-0716	EA	24" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	7,605.06	1,246.57
		For 200 PSI, Add	*2,175.26*	
		For Work In Restricted Working Space, Add	*468.80*	
23 05 23 00-0717	EA	30" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	15,672.72	2,123.16
		For 200 PSI, Add	*4,669.38*	
		For Work In Restricted Working Space, Add	*810.66*	
23 05 23 00-0718	EA	36" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI	19,857.66	2,895.22
		For 200 PSI, Add	*5,932.76*	
		For Work In Restricted Working Space, Add	*1,013.33*	

23 05 29 Hangers And Supports For HVAC Piping And Equipment *(23 05)*

23 05 29 00-0001 Hangers And Supports *(23 05 29)*

23 05 29 00-0002 Clevis Hangers *(23 05 29 00-0001)*

23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) *(23 05 29 00-0002)*

Note: Type 1.

23 05 29 00-0004	EA	1/2" Steel Clevis Hanger (Cooper B-Line B3100)	18.45	8.06
		For Work In Restricted Working Space, Add	*4.84*	
23 05 29 00-0005	EA	3/4" Steel Clevis Hanger (Cooper B-Line B3100)	20.24	8.95
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0006	EA	1" Steel Clevis Hanger (Cooper B-Line B3100)	21.26	8.95
		For Work In Restricted Working Space, Add	*5.66*	
23 05 29 00-0007	EA	1-1/4" Steel Clevis Hanger (Cooper B-Line B3100)	22.15	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0008	EA	1-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	22.45	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0009	EA	2" Steel Clevis Hanger (Cooper B-Line B3100)	23.58	9.85
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0010	EA	2-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	26.44	10.21
		For Work In Restricted Working Space, Add	*6.14*	
23 05 29 00-0011	EA	3" Steel Clevis Hanger (Cooper B-Line B3100)	28.57	10.74
		For Work In Restricted Working Space, Add	*6.32*	
23 05 29 00-0012	EA	3-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	29.67	11.80
		For Work In Restricted Working Space, Add	*6.74*	
23 05 29 00-0013	EA	4" Steel Clevis Hanger (Cooper B-Line B3100)	32.91	12.54
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0014	EA	5" Steel Clevis Hanger (Cooper B-Line B3100)	42.50	15.00
		For Work In Restricted Working Space, Add	*9.00*	
23 05 29 00-0015	EA	6" Steel Clevis Hanger (Cooper B-Line B3100)	51.25	17.91
		For Work In Restricted Working Space, Add	*10.75*	
23 05 29 00-0016	EA	8" Steel Clevis Hanger (Cooper B-Line B3100)	70.34	22.39
		For Work In Restricted Working Space, Add	*13.43*	
23 05 29 00-0017	EA	10" Steel Clevis Hanger (Cooper B-Line B3100)	105.25	30.44
		For Work In Restricted Working Space, Add	*17.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0018	EA	12" Steel Clevis Hanger (Cooper B-Line B3100)	124.56	33.58
		For Work In Restricted Working Space, Add	*20.15*	
23 05 29 00-0019	EA	14" Steel Clevis Hanger (Cooper B-Line B3100)	157.85	37.61
		For Work In Restricted Working Space, Add	*23.10*	
23 05 29 00-0020	EA	16" Steel Clevis Hanger (Cooper B-Line B3100)	199.28	44.78
		For Work In Restricted Working Space, Add	*26.87*	
23 05 29 00-0021	EA	18" Steel Clevis Hanger (Cooper B-Line B3100)	248.24	55.97
		For Work In Restricted Working Space, Add	*33.58*	
23 05 29 00-0022	EA	20" Steel Clevis Hanger (Cooper B-Line B3100)	420.73	67.17
		For Work In Restricted Working Space, Add	*40.30*	
23 05 29 00-0023	EA	24" Steel Clevis Hanger (Cooper B-Line B3100)	662.62	78.35
		For Work In Restricted Working Space, Add	*47.02*	

23 05 29 00-0024 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) *(23 05 29 00-0002)*

23 05 29 00-0025	EA	1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	24.62	8.06
		For Work In Restricted Working Space, Add	*4.84*	
23 05 29 00-0026	EA	3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	26.41	8.95
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0027	EA	1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	27.58	8.95
		For Work In Restricted Working Space, Add	*5.66*	
23 05 29 00-0028	EA	1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	28.59	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0029	EA	1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	29.38	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0030	EA	2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	30.12	9.85
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0031	EA	2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	34.42	10.21
		For Work In Restricted Working Space, Add	*6.14*	
23 05 29 00-0032	EA	3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	36.29	10.74
		For Work In Restricted Working Space, Add	*6.32*	
23 05 29 00-0033	EA	3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	40.59	12.54
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0034	EA	4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	45.80	12.54
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0035	EA	5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	78.84	15.00
		For Work In Restricted Working Space, Add	*9.00*	
23 05 29 00-0036	EA	6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	98.25	17.91
		For Work In Restricted Working Space, Add	*10.75*	
23 05 29 00-0037	EA	8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	116.15	22.39
		For Work In Restricted Working Space, Add	*13.43*	

23 05 29 00-0038 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) *(23 05 29 00-0002)*

23 05 29 00-0039	EA	1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	18.22	8.06
		For Work In Restricted Working Space, Add	*4.84*	
23 05 29 00-0040	EA	3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	20.06	8.95
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0041	EA	1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	21.22	8.95
		For Work In Restricted Working Space, Add	*5.66*	
23 05 29 00-0042	EA	1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	21.79	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0043	EA	1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	21.97	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0044	EA	2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	22.62	9.85
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0045	EA	2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	25.17	10.21
		For Work In Restricted Working Space, Add	*6.14*	
23 05 29 00-0046	EA	3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	26.42	10.74
		For Work In Restricted Working Space, Add	*6.32*	
23 05 29 00-0047	EA	3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	29.71	12.54
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0048	EA	4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	30.94	12.54
		For Work In Restricted Working Space, Add	*7.16*	

23 05 29 00-0049 Extended Steel Clevis Hanger (Cooper B-Line B3108) *(23 05 29 00-0002)*

23 05 29 00-0050	EA	3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	27.78	8.95
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0051	EA	1" Steel Extended Clevis Hanger (Cooper B-Line B3108)	28.80	8.95
		For Work In Restricted Working Space, Add	*5.66*	
23 05 29 00-0052	EA	1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	29.33	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0053	EA	1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	30.56	9.69
		For Work In Restricted Working Space, Add	*5.81*	
23 05 29 00-0054	EA	2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	33.14	9.85
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0055	EA	2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	35.87	10.21
		For Work In Restricted Working Space, Add	*6.14*	
23 05 29 00-0056	EA	3" Steel Extended Clevis Hanger (Cooper B-Line B3108)	37.82	10.74
		For Work In Restricted Working Space, Add	*6.32*	
23 05 29 00-0057	EA	4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	45.97	12.54
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0058	EA	5" Steel Extended Clevis Hanger (Cooper B-Line B3108)	58.06	15.00
		For Work In Restricted Working Space, Add	*9.00*	
23 05 29 00-0059	EA	6" Steel Extended Clevis Hanger (Cooper B-Line B3108)	72.12	17.91
		For Work In Restricted Working Space, Add	*10.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0060	EA	8" Steel Extended Clevis Hanger (Cooper B-Line B3108)	104.58	22.39
		For Work In Restricted Working Space, Add	*13.43*	
23 05 29 00-0061	EA	10" Steel Extended Clevis Hanger (Cooper B-Line B3108)	148.13	30.44
		For Work In Restricted Working Space, Add	*17.91*	
23 05 29 00-0062	EA	12" Steel Extended Clevis Hanger (Cooper B-Line B3108)	166.33	33.58
		For Work In Restricted Working Space, Add	*20.15*	

23 05 29 00-0063 Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) *(23 05 29 00-0002)*

23 05 29 00-0064	EA	2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	34.59	9.85
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0065	EA	2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	37.23	10.21
		For Work In Restricted Working Space, Add	*6.14*	
23 05 29 00-0066	EA	3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	39.35	10.74
		For Work In Restricted Working Space, Add	*6.32*	
23 05 29 00-0067	EA	3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	43.34	12.54
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0068	EA	4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	46.41	12.54
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0069	EA	5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	57.49	15.00
		For Work In Restricted Working Space, Add	*9.00*	
23 05 29 00-0070	EA	6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	66.77	17.91
		For Work In Restricted Working Space, Add	*10.75*	
23 05 29 00-0071	EA	8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	89.76	22.39
		For Work In Restricted Working Space, Add	*13.43*	

23 05 29 00-0072 Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT) *(23 05 29 00-0002)*

23 05 29 00-0073	EA	1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	20.06	8.28
		For Work In Restricted Working Space, Add	*4.97*	
23 05 29 00-0074	EA	3/4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	21.40	8.95
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0075	EA	1" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	22.34	8.95
		For Work In Restricted Working Space, Add	*5.66*	
23 05 29 00-0076	EA	1-1/4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	23.07	9.25
		For Work In Restricted Working Space, Add	*5.76*	
23 05 29 00-0077	EA	1-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	23.55	9.55
		For Work In Restricted Working Space, Add	*5.87*	
23 05 29 00-0078	EA	2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	24.50	9.85
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0079	EA	2-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	26.95	10.30
		For Work In Restricted Working Space, Add	*6.11*	
23 05 29 00-0080	EA	3" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	30.44	10.74
		For Work In Restricted Working Space, Add	*6.32*	
23 05 29 00-0081	EA	3-1/2" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	32.95	11.64
		For Work In Restricted Working Space, Add	*6.72*	
23 05 29 00-0082	EA	4" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	34.82	12.54
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0083	EA	5" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	43.15	15.22
		For Work In Restricted Working Space, Add	*8.61*	
23 05 29 00-0084	EA	6" Copper Tubing Clevis Hanger, Light Duty (Cooper B-Line B3104CT)	56.50	17.91
		For Work In Restricted Working Space, Add	*10.75*	

23 05 29 00-0085 Adjustable Hangers *(23 05 29 00-0001)*

23 05 29 00-0086 Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) *(23 05 29 00-0085)*

Note: Type 5.

23 05 29 00-0087	EA	1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	17.15	7.09
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-0088	EA	3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	18.70	7.86
		For Work In Restricted Working Space, Add	*4.72*	
23 05 29 00-0089	EA	1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	20.41	8.73
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0090	EA	1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	22.48	9.70
		For Work In Restricted Working Space, Add	*5.82*	
23 05 29 00-0091	EA	1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	23.61	10.19
		For Work In Restricted Working Space, Add	*6.11*	
23 05 29 00-0092	EA	2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	25.52	10.68
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0093	EA	2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	30.30	11.16
		For Work In Restricted Working Space, Add	*6.70*	
23 05 29 00-0094	EA	3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	31.66	11.64
		For Work In Restricted Working Space, Add	*6.98*	
23 05 29 00-0095	EA	4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	38.39	13.10
		For Work In Restricted Working Space, Add	*7.86*	

23 05 29 00-0096 Adjustable Swivel Steel Ring (Cooper B-Line B3170) *(23 05 29 00-0085)*

Note: Type 10.

23 05 29 00-0097	EA	1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	19.27	8.95
		For Work In Restricted Working Space, Add	*5.37*	
		For 304 Stainless Steel, Add	*8.98*	
		For 316 Stainless Steel, Add	*11.56*	
23 05 29 00-0098	EA	3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	20.34	8.95
		For Work In Restricted Working Space, Add	*5.66*	
		For 304 Stainless Steel, Add	*9.83*	
		For 316 Stainless Steel, Add	*12.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0099	EA	1" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	21.39	9.85
		For Work In Restricted Working Space, Add	*5.97*	
		For 304 Stainless Steel, Add	*9.83*	
		For 316 Stainless Steel, Add	*12.67*	
23 05 29 00-0100	EA	1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	22.74	10.74
		For Work In Restricted Working Space, Add	*6.32*	
		For 304 Stainless Steel, Add	*11.02*	
		For 316 Stainless Steel, Add	*14.20*	
23 05 29 00-0101	EA	1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	25.55	12.54
		For Work In Restricted Working Space, Add	*7.16*	
		For 304 Stainless Steel, Add	*11.02*	
		For 316 Stainless Steel, Add	*14.20*	
23 05 29 00-0102	EA	2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	27.33	12.54
		For Work In Restricted Working Space, Add	*7.67*	
		For 304 Stainless Steel, Add	*11.55*	
		For 316 Stainless Steel, Add	*14.88*	
23 05 29 00-0103	EA	2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	30.41	13.43
		For Work In Restricted Working Space, Add	*8.27*	
		For 304 Stainless Steel, Add	*18.81*	
		For 316 Stainless Steel, Add	*24.23*	
23 05 29 00-0104	EA	3" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	32.83	15.22
		For Work In Restricted Working Space, Add	*8.96*	
		For 304 Stainless Steel, Add	*19.67*	
		For 316 Stainless Steel, Add	*25.33*	
23 05 29 00-0105	EA	3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	36.68	16.34
		For Work In Restricted Working Space, Add	*9.81*	
		For 304 Stainless Steel, Add	*26.33*	
		For 316 Stainless Steel, Add	*33.92*	
23 05 29 00-0106	EA	4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	39.81	17.91
		For Work In Restricted Working Space, Add	*10.75*	
		For 304 Stainless Steel, Add	*26.33*	
		For 316 Stainless Steel, Add	*33.92*	
23 05 29 00-0107	EA	5" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	48.58	20.15
		For Work In Restricted Working Space, Add	*12.09*	
		For 304 Stainless Steel, Add	*54.71*	
		For 316 Stainless Steel, Add	*70.47*	
23 05 29 00-0108	EA	6" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	53.20	22.39
		For Work In Restricted Working Space, Add	*13.43*	
		For 304 Stainless Steel, Add	*55.57*	
		For 316 Stainless Steel, Add	*71.57*	
23 05 29 00-0109	EA	8" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	63.73	26.86
		For Work In Restricted Working Space, Add	*16.12*	
		For 304 Stainless Steel, Add	*66.00*	
		For 316 Stainless Steel, Add	*85.00*	

23 05 29 00-0110 Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) *(23 05 29 00-0085)*

23 05 29 00-0111	EA	1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	19.91	8.95
		For Work In Restricted Working Space, Add	*5.37*	
		For 304 Stainless Steel, Add	*13.20*	
		For 316 Stainless Steel, Add	*17.00*	
23 05 29 00-0112	EA	3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	20.85	8.95
		For Work In Restricted Working Space, Add	*5.66*	
		For 304 Stainless Steel, Add	*13.20*	
		For 316 Stainless Steel, Add	*17.00*	
23 05 29 00-0113	EA	1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	21.90	9.85
		For Work In Restricted Working Space, Add	*5.97*	
		For 304 Stainless Steel, Add	*13.20*	
		For 316 Stainless Steel, Add	*17.00*	
23 05 29 00-0114	EA	1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	23.07	10.74
		For Work In Restricted Working Space, Add	*6.32*	
		For 304 Stainless Steel, Add	*13.20*	
		For 316 Stainless Steel, Add	*17.00*	
23 05 29 00-0115	EA	1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	26.05	12.54
		For Work In Restricted Working Space, Add	*7.16*	
		For 304 Stainless Steel, Add	*14.32*	
		For 316 Stainless Steel, Add	*18.45*	
23 05 29 00-0116	EA	2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	27.75	12.54
		For Work In Restricted Working Space, Add	*7.67*	
		For 304 Stainless Steel, Add	*14.32*	
		For 316 Stainless Steel, Add	*18.45*	
23 05 29 00-0117	EA	2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	33.26	13.43
		For Work In Restricted Working Space, Add	*8.27*	
		For 304 Stainless Steel, Add	*37.62*	
		For 316 Stainless Steel, Add	*48.45*	
23 05 29 00-0118	EA	3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	36.92	15.22
		For Work In Restricted Working Space, Add	*8.96*	
		For 304 Stainless Steel, Add	*46.66*	
		For 316 Stainless Steel, Add	*60.10*	
23 05 29 00-0119	EA	3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	40.31	16.34
		For Work In Restricted Working Space, Add	*9.81*	
		For 304 Stainless Steel, Add	*50.29*	
		For 316 Stainless Steel, Add	*64.77*	
23 05 29 00-0120	EA	4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	45.10	17.91
		For Work In Restricted Working Space, Add	*10.75*	
		For 304 Stainless Steel, Add	*61.25*	
		For 316 Stainless Steel, Add	*78.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0121	EA	5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	49.71	20.15
		For Work In Restricted Working Space, Add	*12.09*	
		For 304 Stainless Steel, Add	*62.11*	
		For 316 Stainless Steel, Add	*79.99*	
23 05 29 00-0122	EA	6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	58.40	22.39
		For Work In Restricted Working Space, Add	*13.43*	
		For 304 Stainless Steel, Add	*89.89*	
		For 316 Stainless Steel, Add	*115.77*	

23 05 29 00-0123 Roller Hangers *(23 05 29 00-0001)*

23 05 29 00-0124 Single Pipe Roll (Cooper B-Line B3114) *(23 05 29 00-0123)*

Note: Excludes rod and nuts. Type 41.

23 05 29 00-0125	EA	2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	33.67	7.17
		For Work In Restricted Working Space, Add	*4.30*	
23 05 29 00-0126	EA	2-1/2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	36.90	8.06
		For Work In Restricted Working Space, Add	*4.84*	
23 05 29 00-0127	EA	3" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	40.73	9.41
		For Work In Restricted Working Space, Add	*5.64*	
23 05 29 00-0128	EA	3-1/2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	46.93	10.75
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0129	EA	4" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	67.02	12.10
		For Work In Restricted Working Space, Add	*7.26*	
23 05 29 00-0130	EA	5" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	57.73	13.44
		For Work In Restricted Working Space, Add	*8.06*	
23 05 29 00-0131	EA	6" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	72.32	16.12
		For Work In Restricted Working Space, Add	*9.68*	
23 05 29 00-0132	EA	8" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	99.78	18.81
		For Work In Restricted Working Space, Add	*11.29*	
23 05 29 00-0133	EA	10" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	118.23	22.40
		For Work In Restricted Working Space, Add	*13.44*	

23 05 29 00-0134 Adjustable Clevis Roller Hanger (Cooper B-Line B3110) *(23 05 29 00-0123)*

Note: Type 43.

23 05 29 00-0135	EA	2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	49.02	12.66
		For Work In Restricted Working Space, Add	*7.30*	
		For 304 Stainless Steel, Add	*162.89*	
		For 316 Stainless Steel, Add	*209.78*	
23 05 29 00-0136	EA	2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	50.77	13.04
		For Work In Restricted Working Space, Add	*7.83*	
		For 304 Stainless Steel, Add	*162.89*	
		For 316 Stainless Steel, Add	*209.78*	
23 05 29 00-0137	EA	3" Steel Clevis Roller Hanger (Cooper B-Line B3110)	55.34	13.62
		For Work In Restricted Working Space, Add	*8.34*	
		For 304 Stainless Steel, Add	*181.70*	
		For 316 Stainless Steel, Add	*234.01*	
23 05 29 00-0138	EA	3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	65.84	14.60
		For Work In Restricted Working Space, Add	*8.76*	
		For 304 Stainless Steel, Add	*241.89*	
		For 316 Stainless Steel, Add	*311.53*	
23 05 29 00-0139	EA	4" Steel Clevis Roller Hanger (Cooper B-Line B3110)	69.09	16.55
		For Work In Restricted Working Space, Add	*9.73*	
		For 304 Stainless Steel, Add	*241.89*	
		For 316 Stainless Steel, Add	*311.53*	
23 05 29 00-0140	EA	5" Steel Clevis Roller Hanger (Cooper B-Line B3110)	78.41	17.81
		For Work In Restricted Working Space, Add	*10.69*	
		For 304 Stainless Steel, Add	*282.41*	
		For 316 Stainless Steel, Add	*363.72*	
23 05 29 00-0141	EA	6" Steel Clevis Roller Hanger (Cooper B-Line B3110)	92.06	19.47
		For Work In Restricted Working Space, Add	*11.68*	
		For 304 Stainless Steel, Add	*350.66*	
		For 316 Stainless Steel, Add	*451.61*	
23 05 29 00-0142	EA	8" Steel Clevis Roller Hanger (Cooper B-Line B3110)	128.18	24.34
		For Work In Restricted Working Space, Add	*14.60*	
		For 304 Stainless Steel, Add	*524.83*	
		For 316 Stainless Steel, Add	*675.92*	
23 05 29 00-0143	EA	10" Steel Clevis Roller Hanger (Cooper B-Line B3110)	159.62	33.09
		For Work In Restricted Working Space, Add	*19.46*	
		For 304 Stainless Steel, Add	*625.28*	
		For 316 Stainless Steel, Add	*805.29*	
23 05 29 00-0144	EA	12" Steel Clevis Roller Hanger (Cooper B-Line B3110)	212.28	36.50
		For Work In Restricted Working Space, Add	*21.90*	
		For 304 Stainless Steel, Add	*919.25*	
		For 316 Stainless Steel, Add	*1,183.88*	
23 05 29 00-0145	EA	14" Steel Clevis Roller Hanger (Cooper B-Line B3110)	469.66	41.85
		For Work In Restricted Working Space, Add	*25.11*	
		For 304 Stainless Steel, Add	*2,547.34*	
		For 316 Stainless Steel, Add	*3,280.66*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0146	EA	16" Steel Clevis Roller Hanger (Cooper B-Line B3110)	592.74	48.66
		For Work In Restricted Working Space, Add	*29.20*	
		For 304 Stainless Steel, Add	*3,269.77*	
		For 316 Stainless Steel, Add	*4,211.07*	

23 05 29 00-0147 Roller Chair (Cooper B-Line B3120) *(23 05 29 00-0123)*

23 05 29 00-0148	EA	2" Steel Roller Chair (Cooper B-Line B3120)	47.40	12.66
		For Work In Restricted Working Space, Add	*7.30*	
23 05 29 00-0149	EA	2-1/2" Steel Roller Chair (Cooper B-Line B3120)	51.13	13.04
		For Work In Restricted Working Space, Add	*7.83*	
23 05 29 00-0150	EA	3" Steel Roller Chair (Cooper B-Line B3120)	53.41	13.62
		For Work In Restricted Working Space, Add	*8.34*	
23 05 29 00-0151	EA	3-1/2" Steel Roller Chair (Cooper B-Line B3120)	61.81	14.60
		For Work In Restricted Working Space, Add	*8.76*	
23 05 29 00-0152	EA	4" Steel Roller Chair (Cooper B-Line B3120)	68.91	16.55
		For Work In Restricted Working Space, Add	*9.73*	
23 05 29 00-0153	EA	5" Steel Roller Chair (Cooper B-Line B3120)	75.25	17.81
		For Work In Restricted Working Space, Add	*10.69*	
23 05 29 00-0154	EA	6" Steel Roller Chair (Cooper B-Line B3120)	94.13	19.47
		For Work In Restricted Working Space, Add	*11.68*	
23 05 29 00-0155	EA	8" Steel Roller Chair (Cooper B-Line B3120)	123.27	24.34
		For Work In Restricted Working Space, Add	*14.60*	
23 05 29 00-0156	EA	10" Steel Roller Chair (Cooper B-Line B3120)	158.49	33.09
		For Work In Restricted Working Space, Add	*19.47*	
23 05 29 00-0157	EA	12" Steel Roller Chair (Cooper B-Line B3120)	209.30	36.50
		For Work In Restricted Working Space, Add	*21.90*	
23 05 29 00-0158	EA	14" Steel Roller Chair (Cooper B-Line B3120)	226.66	41.85
		For Work In Restricted Working Space, Add	*25.11*	
23 05 29 00-0159	EA	16" Steel Roller Chair (Cooper B-Line B3120)	274.78	48.66
		For Work In Restricted Working Space, Add	*29.20*	
23 05 29 00-0160	EA	18" Steel Roller Chair (Cooper B-Line B3120)	374.35	60.82
		For Work In Restricted Working Space, Add	*36.50*	
23 05 29 00-0161	EA	20" Steel Roller Chair (Cooper B-Line B3120)	465.08	73.00
		For Work In Restricted Working Space, Add	*43.79*	

23 05 29 00-0162 Adjustable Roller Support (Cooper B-Line B3122) *(23 05 29 00-0123)*

23 05 29 00-0163	EA	2" Steel Adjustable Roller Support (Cooper B-Line B3122)	54.99	12.66
		For Work In Restricted Working Space, Add	*7.30*	
23 05 29 00-0164	EA	2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	62.35	13.04
		For Work In Restricted Working Space, Add	*7.83*	
23 05 29 00-0165	EA	3" Steel Adjustable Roller Support (Cooper B-Line B3122)	65.38	13.62
		For Work In Restricted Working Space, Add	*8.34*	
23 05 29 00-0166	EA	3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	69.13	14.60
		For Work In Restricted Working Space, Add	*8.76*	
23 05 29 00-0167	EA	4" Steel Adjustable Roller Support (Cooper B-Line B3122)	84.26	16.55
		For Work In Restricted Working Space, Add	*9.73*	
23 05 29 00-0168	EA	5" Steel Adjustable Roller Support (Cooper B-Line B3122)	96.03	17.81
		For Work In Restricted Working Space, Add	*10.69*	
23 05 29 00-0169	EA	6" Steel Adjustable Roller Support (Cooper B-Line B3122)	112.89	19.47
		For Work In Restricted Working Space, Add	*11.68*	
23 05 29 00-0170	EA	8" Steel Adjustable Roller Support (Cooper B-Line B3122)	161.90	24.34
		For Work In Restricted Working Space, Add	*14.60*	
23 05 29 00-0171	EA	10" Steel Adjustable Roller Support (Cooper B-Line B3122)	200.14	33.09
		For Work In Restricted Working Space, Add	*19.47*	
23 05 29 00-0172	EA	12" Steel Adjustable Roller Support (Cooper B-Line B3122)	232.36	36.50
		For Work In Restricted Working Space, Add	*21.90*	
23 05 29 00-0173	EA	14" Steel Adjustable Roller Support (Cooper B-Line B3122)	337.05	41.85
		For Work In Restricted Working Space, Add	*25.11*	
23 05 29 00-0174	EA	16" Steel Adjustable Roller Support (Cooper B-Line B3122)	405.33	48.66
		For Work In Restricted Working Space, Add	*29.20*	
23 05 29 00-0175	EA	18" Steel Adjustable Roller Support (Cooper B-Line B3122)	455.58	60.82
		For Work In Restricted Working Space, Add	*36.50*	

23 05 29 00-0176 Adjustable Double Roller Support (Cooper B-Line B3122A) *(23 05 29 00-0123)*

23 05 29 00-0177	EA	2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	55.42	12.66
		For Work In Restricted Working Space, Add	*7.30*	
23 05 29 00-0178	EA	2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	62.74	13.04
		For Work In Restricted Working Space, Add	*7.83*	
23 05 29 00-0179	EA	3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	66.04	13.62
		For Work In Restricted Working Space, Add	*8.34*	
23 05 29 00-0180	EA	3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	68.56	14.60
		For Work In Restricted Working Space, Add	*8.76*	
23 05 29 00-0181	EA	4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	88.69	16.55
		For Work In Restricted Working Space, Add	*9.73*	
23 05 29 00-0182	EA	5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	101.25	17.81
		For Work In Restricted Working Space, Add	*10.69*	
23 05 29 00-0183	EA	6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	119.11	19.47
		For Work In Restricted Working Space, Add	*11.68*	
23 05 29 00-0184	EA	8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	171.54	24.34
		For Work In Restricted Working Space, Add	*14.60*	
23 05 29 00-0185	EA	10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	211.71	33.09
		For Work In Restricted Working Space, Add	*19.47*	
23 05 29 00-0186	EA	12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	245.90	36.50
		For Work In Restricted Working Space, Add	*21.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0187	EA	14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	358.70	41.85
		For Work In Restricted Working Space, Add	*25.11*	

23 05 29 00-0188 Pipe And Riser Clamps *(23 05 29 00-0001)*

Note: Includes bolts and weldless eye nuts.

23 05 29 00-0189 Steel Pipe Clamp (Cooper B-Line B3140) *(23 05 29 00-0188)*

Note: Type 4.

23 05 29 00-0190	EA	1/2" Steel Pipe Clamp (Cooper B-Line B3140)	17.39	5.82
		For Work In Restricted Working Space, Add	*3.49*	
23 05 29 00-0191	EA	3/4" Steel Pipe Clamp (Cooper B-Line B3140)	17.59	5.92
		For Work In Restricted Working Space, Add	*3.55*	
23 05 29 00-0192	EA	1" Steel Pipe Clamp (Cooper B-Line B3140)	17.82	6.01
		For Work In Restricted Working Space, Add	*3.61*	
23 05 29 00-0193	EA	1-1/4" Steel Pipe Clamp (Cooper B-Line B3140)	19.76	6.11
		For Work In Restricted Working Space, Add	*3.67*	
23 05 29 00-0194	EA	1-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	19.96	6.21
		For Work In Restricted Working Space, Add	*3.73*	
23 05 29 00-0195	EA	2" Steel Pipe Clamp (Cooper B-Line B3140)	21.48	6.30
		For Work In Restricted Working Space, Add	*3.79*	
23 05 29 00-0196	EA	2-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	22.39	6.50
		For Work In Restricted Working Space, Add	*3.90*	
23 05 29 00-0197	EA	3" Steel Pipe Clamp (Cooper B-Line B3140)	23.87	6.69
		For Work In Restricted Working Space, Add	*4.02*	
23 05 29 00-0198	EA	3-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	28.41	6.79
		For Work In Restricted Working Space, Add	*4.08*	
23 05 29 00-0199	EA	4" Steel Pipe Clamp (Cooper B-Line B3140)	32.28	8.73
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0200	EA	5" Steel Pipe Clamp (Cooper B-Line B3140)	46.96	11.64
		For Work In Restricted Working Space, Add	*6.99*	
23 05 29 00-0201	EA	6" Steel Pipe Clamp (Cooper B-Line B3140)	65.41	14.55
		For Work In Restricted Working Space, Add	*8.73*	
23 05 29 00-0202	EA	8" Steel Pipe Clamp (Cooper B-Line B3140)	77.10	16.98
		For Work In Restricted Working Space, Add	*10.19*	
23 05 29 00-0203	EA	10" Steel Pipe Clamp (Cooper B-Line B3140)	116.59	19.41
		For Work In Restricted Working Space, Add	*11.65*	
23 05 29 00-0204	EA	12" Steel Pipe Clamp (Cooper B-Line B3140)	162.98	21.35
		For Work In Restricted Working Space, Add	*12.81*	
23 05 29 00-0205	EA	14" Steel Pipe Clamp (Cooper B-Line B3140)	272.35	23.29
		For Work In Restricted Working Space, Add	*13.97*	
23 05 29 00-0206	EA	16" Steel Pipe Clamp (Cooper B-Line B3140)	295.21	25.23
		For Work In Restricted Working Space, Add	*15.14*	
23 05 29 00-0207	EA	18" Steel Pipe Clamp (Cooper B-Line B3140)	490.37	27.17
		For Work In Restricted Working Space, Add	*16.31*	
23 05 29 00-0208	EA	20" Steel Pipe Clamp (Cooper B-Line B3140)	568.85	29.11
		For Work In Restricted Working Space, Add	*17.47*	
23 05 29 00-0209	EA	24" Steel Pipe Clamp (Cooper B-Line B3140)	746.00	32.02
		For Work In Restricted Working Space, Add	*19.21*	

23 05 29 00-0210 Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) *(23 05 29 00-0188)*

23 05 29 00-0211	EA	3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	40.02	6.27
		For Work In Restricted Working Space, Add	*3.73*	
23 05 29 00-0212	EA	4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	54.17	6.27
		For Work In Restricted Working Space, Add	*3.73*	
23 05 29 00-0213	EA	5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	59.76	6.49
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0214	EA	6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	98.38	6.72
		For Work In Restricted Working Space, Add	*4.05*	
23 05 29 00-0215	EA	8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	107.22	7.16
		For Work In Restricted Working Space, Add	*4.30*	
23 05 29 00-0216	EA	10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	187.80	7.16
		For Work In Restricted Working Space, Add	*4.29*	
23 05 29 00-0217	EA	12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	306.81	8.06
		For Work In Restricted Working Space, Add	*4.83*	
23 05 29 00-0218	EA	14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	390.28	8.95
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0219	EA	16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	423.54	10.74
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0220	EA	18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,334.14	12.54
		For Work In Restricted Working Space, Add	*7.52*	
23 05 29 00-0221	EA	20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,534.34	13.43
		For Work In Restricted Working Space, Add	*8.06*	
23 05 29 00-0222	EA	24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,967.68	14.33
		For Work In Restricted Working Space, Add	*8.60*	

23 05 29 00-0223 Steel Riser Clamp (Cooper B-Line B3373) *(23 05 29 00-0188)*

Note: Type 8.

23 05 29 00-0224	EA	1/2" Steel Riser Clamp (Cooper B-Line B3373)	17.93	5.37
		For Work In Restricted Working Space, Add	*3.22*	
23 05 29 00-0225	EA	3/4" Steel Riser Clamp (Cooper B-Line B3373)	18.78	5.46
		For Work In Restricted Working Space, Add	*3.28*	
23 05 29 00-0226	EA	1" Steel Riser Clamp (Cooper B-Line B3373)	19.05	5.55
		For Work In Restricted Working Space, Add	*3.33*	
23 05 29 00-0227	EA	1-1/4" Steel Riser Clamp (Cooper B-Line B3373)	20.89	5.64
		For Work In Restricted Working Space, Add	*3.39*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0228	EA	1-1/2" Steel Riser Clamp (Cooper B-Line B3373)	21.81	5.73
		For Work In Restricted Working Space, Add	*3.44*	
23 05 29 00-0229	EA	2" Steel Riser Clamp (Cooper B-Line B3373)	22.38	5.83
		For Work In Restricted Working Space, Add	*3.49*	
23 05 29 00-0230	EA	2-1/2" Steel Riser Clamp (Cooper B-Line B3373)	23.40	6.00
		For Work In Restricted Working Space, Add	*3.60*	
23 05 29 00-0231	EA	3" Steel Riser Clamp (Cooper B-Line B3373)	24.94	6.18
		For Work In Restricted Working Space, Add	*3.71*	
23 05 29 00-0232	EA	3-1/2" Steel Riser Clamp (Cooper B-Line B3373)	27.84	6.27
		For Work In Restricted Working Space, Add	*3.76*	
23 05 29 00-0233	EA	4" Steel Riser Clamp (Cooper B-Line B3373)	33.45	8.06
		For Work In Restricted Working Space, Add	*4.84*	
23 05 29 00-0234	EA	5" Steel Riser Clamp (Cooper B-Line B3373)	42.97	10.74
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0235	EA	6" Steel Riser Clamp (Cooper B-Line B3373)	54.65	13.43
		For Work In Restricted Working Space, Add	*8.06*	
23 05 29 00-0236	EA	8" Steel Riser Clamp (Cooper B-Line B3373)	76.84	15.67
		For Work In Restricted Working Space, Add	*9.40*	
23 05 29 00-0237	EA	10" Steel Riser Clamp (Cooper B-Line B3373)	103.16	17.91
		For Work In Restricted Working Space, Add	*10.75*	
23 05 29 00-0238	EA	12" Steel Riser Clamp (Cooper B-Line B3373)	126.38	19.70
		For Work In Restricted Working Space, Add	*11.82*	
23 05 29 00-0239	EA	14" Steel Riser Clamp (Cooper B-Line B3373)	173.85	21.49
		For Work In Restricted Working Space, Add	*12.90*	
23 05 29 00-0240	EA	16" Steel Riser Clamp (Cooper B-Line B3373)	345.29	23.28
		For Work In Restricted Working Space, Add	*13.97*	

23 05 29 00-0241 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) *(23 05 29 00-0188)*

23 05 29 00-0242	EA	1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	35.03	5.37
		For Work In Restricted Working Space, Add	*3.22*	
23 05 29 00-0243	EA	3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	35.57	5.46
		For Work In Restricted Working Space, Add	*3.28*	
23 05 29 00-0244	EA	1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	37.15	5.55
		For Work In Restricted Working Space, Add	*3.33*	
23 05 29 00-0245	EA	1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	39.96	5.64
		For Work In Restricted Working Space, Add	*3.39*	
23 05 29 00-0246	EA	1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	45.65	5.73
		For Work In Restricted Working Space, Add	*3.44*	
23 05 29 00-0247	EA	2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	48.73	5.83
		For Work In Restricted Working Space, Add	*3.49*	
23 05 29 00-0248	EA	2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	52.99	6.00
		For Work In Restricted Working Space, Add	*3.60*	
23 05 29 00-0249	EA	3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	58.56	6.18
		For Work In Restricted Working Space, Add	*3.71*	
23 05 29 00-0250	EA	4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	79.56	8.06
		For Work In Restricted Working Space, Add	*4.84*	

23 05 29 00-0251 Copper Tubing Riser Clamp (Cooper B-Line B3373CT) *(23 05 29 00-0188)*

23 05 29 00-0252	EA	1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	21.34	5.37
23 05 29 00-0253	EA	3/4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	21.53	5.46
23 05 29 00-0254	EA	1" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	21.71	5.55
23 05 29 00-0255	EA	1-1/4"Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	22.23	5.64
23 05 29 00-0256	EA	1-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	24.83	5.73
23 05 29 00-0257	EA	2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	25.73	5.83
23 05 29 00-0258	EA	2-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	28.60	6.00
23 05 29 00-0259	EA	3" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	31.55	6.18
23 05 29 00-0260	EA	3-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	38.04	6.27
23 05 29 00-0261	EA	4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	41.88	8.06
23 05 29 00-0262	EA	5" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	55.70	10.74
23 05 29 00-0263	EA	6" Copper Tubing Riser Clamp (Cooper B-Line B3373CT)	70.92	13.43

23 05 29 00-0264 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) *(23 05 29 00-0188)*

Note: Type 42

23 05 29 00-0265	EA	4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	83.73	6.27
		For Work In Restricted Working Space, Add	*3.73*	
23 05 29 00-0266	EA	6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	88.74	6.72
		For Work In Restricted Working Space, Add	*4.05*	
23 05 29 00-0267	EA	8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	97.67	7.16
		For Work In Restricted Working Space, Add	*4.30*	
23 05 29 00-0268	EA	10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	104.69	7.16
		For Work In Restricted Working Space, Add	*4.29*	
23 05 29 00-0269	EA	12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	127.14	8.06
		For Work In Restricted Working Space, Add	*4.83*	
23 05 29 00-0270	EA	14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	408.24	8.95
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0271	EA	16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	547.95	10.74
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0272	EA	18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	653.15	12.54
		For Work In Restricted Working Space, Add	*7.52*	
23 05 29 00-0273	EA	20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	955.51	13.43
		For Work In Restricted Working Space, Add	*8.06*	
23 05 29 00-0274	EA	24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	1,320.45	14.33
		For Work In Restricted Working Space, Add	*8.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 05 29 00-0275 Four Bolt Steel Underground Clamp (Cooper B-Line B3134) *(23 05 29 00-0188)*

23 05 29 00-0276	EA	4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	76.88	6.27
		For Work In Restricted Working Space, Add	*3.73*	
23 05 29 00-0277	EA	6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	82.86	6.72
		For Work In Restricted Working Space, Add	*4.05*	
23 05 29 00-0278	EA	8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	148.73	7.16
		For Work In Restricted Working Space, Add	*4.30*	
23 05 29 00-0279	EA	10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	166.06	7.16
		For Work In Restricted Working Space, Add	*4.29*	
23 05 29 00-0280	EA	12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	240.30	8.06
		For Work In Restricted Working Space, Add	*4.83*	
23 05 29 00-0281	EA	14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	371.30	8.95
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0282	EA	16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	499.11	10.74
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0283	EA	18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	594.27	12.54
		For Work In Restricted Working Space, Add	*7.52*	
23 05 29 00-0284	EA	20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	872.82	13.43
		For Work In Restricted Working Space, Add	*8.06*	
23 05 29 00-0285	EA	24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	1,198.05	14.33
		For Work In Restricted Working Space, Add	*8.60*	

23 05 29 00-0286 Split Pipe Clamps And Rings *(23 05 29 00-0001)*

23 05 29 00-0287 Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) *(23 05 29 00-0286)*

Note: Type 6.

23 05 29 00-0288	EA	3/4" Adjustable Swivel Ring (Cooper B-Line B3171)	30.31	8.25
		For Work In Restricted Working Space, Add	*4.95*	
23 05 29 00-0289	EA	1" Adjustable Swivel Ring (Cooper B-Line B3171)	32.10	8.73
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0290	EA	1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171)	34.75	9.70
		For Work In Restricted Working Space, Add	*5.82*	
23 05 29 00-0291	EA	1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	37.64	10.19
		For Work In Restricted Working Space, Add	*6.11*	
23 05 29 00-0292	EA	2" Adjustable Swivel Ring (Cooper B-Line B3171)	40.95	10.68
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0293	EA	2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	52.18	11.16
		For Work In Restricted Working Space, Add	*6.70*	
23 05 29 00-0294	EA	3" Adjustable Swivel Ring (Cooper B-Line B3171)	57.74	11.64
		For Work In Restricted Working Space, Add	*6.98*	
23 05 29 00-0295	EA	4" Adjustable Swivel Ring (Cooper B-Line B3171)	78.77	13.10
		For Work In Restricted Working Space, Add	*7.86*	
23 05 29 00-0296	EA	5" Adjustable Swivel Ring (Cooper B-Line B3171)	100.29	16.50
		For Work In Restricted Working Space, Add	*9.90*	
23 05 29 00-0297	EA	6" Adjustable Swivel Ring (Cooper B-Line B3171)	136.23	19.41
		For Work In Restricted Working Space, Add	*11.65*	

23 05 29 00-0298 Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) *(23 05 29 00-0286)*

Note: Type 11.

23 05 29 00-0299	EA	1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	18.37	6.81
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-0300	EA	3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	19.43	6.81
		For Work In Restricted Working Space, Add	*4.36*	
23 05 29 00-0301	EA	1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	21.30	8.76
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0302	EA	1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	23.38	8.76
		For Work In Restricted Working Space, Add	*5.12*	
23 05 29 00-0303	EA	1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	26.68	8.76
		For Work In Restricted Working Space, Add	*5.31*	
23 05 29 00-0304	EA	2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	31.69	9.72
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0305	EA	2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	44.68	9.72
		For Work In Restricted Working Space, Add	*6.08*	
23 05 29 00-0306	EA	3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	50.26	10.70
		For Work In Restricted Working Space, Add	*6.35*	
23 05 29 00-0307	EA	4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	53.23	11.68
		For Work In Restricted Working Space, Add	*6.95*	

23 05 29 00-0308 Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) *(23 05 29 00-0286)*

Note: Type 12.

23 05 29 00-0309	EA	1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	18.37	6.81
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-0310	EA	3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	19.43	7.30
		For Work In Restricted Working Space, Add	*4.36*	
23 05 29 00-0311	EA	1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	21.30	8.27
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0312	EA	1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	23.38	8.76
		For Work In Restricted Working Space, Add	*5.12*	
23 05 29 00-0313	EA	1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	26.68	8.76
		For Work In Restricted Working Space, Add	*5.31*	
23 05 29 00-0314	EA	2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	31.69	9.72
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0315	EA	2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	44.68	10.22
		For Work In Restricted Working Space, Add	*6.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0316	EA	3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	50.26	10.70
		For Work In Restricted Working Space, Add	*6.35*	

23 05 29 00-0317 Pipe Straps *(23 05 29 00-0001)*

23 05 29 00-0318 Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) *(23 05 29 00-0317)*

23 05 29 00-0319	EA	1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	12.37	4.87
		For Work In Restricted Working Space, Add	*2.92*	
23 05 29 00-0320	EA	3/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	12.89	5.83
		For Work In Restricted Working Space, Add	*3.07*	
23 05 29 00-0321	EA	1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	13.46	5.83
		For Work In Restricted Working Space, Add	*3.24*	
23 05 29 00-0322	EA	1-1/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	14.21	5.83
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0323	EA	1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	15.01	6.81
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0324	EA	2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	17.67	6.81
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0325	EA	2-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	22.40	6.81
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-0326	EA	3" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	29.84	6.81
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0327	EA	4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	35.43	8.76
		For Work In Restricted Working Space, Add	*5.25*	
23 05 29 00-0328	EA	6" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	44.15	9.72
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0329	EA	8" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	56.18	10.70
		For Work In Restricted Working Space, Add	*6.42*	

23 05 29 00-0330 Two Hole Copper-Clad Pipe Straps *(23 05 29 00-0317)*

23 05 29 00-0331	EA	1/2" Two Hole Copper-Clad Pipe Strap	4.95	
		For Work In Restricted Working Space, Add	*1.46*	
23 05 29 00-0332	EA	3/4" Two Hole Copper-Clad Pipe Strap	5.21	
		For Work In Restricted Working Space, Add	*1.53*	
23 05 29 00-0333	EA	1" Two Hole Copper-Clad Pipe Strap	5.56	
		For Work In Restricted Working Space, Add	*1.61*	
23 05 29 00-0334	EA	1-1/4" Two Hole Copper-Clad Pipe Strap	5.80	
		For Work In Restricted Working Space, Add	*1.68*	
23 05 29 00-0335	EA	1-1/2" Two Hole Copper-Clad Pipe Strap	6.07	
		For Work In Restricted Working Space, Add	*1.75*	
23 05 29 00-0336	EA	2" Two Hole Copper-Clad Pipe Strap	6.58	
		For Work In Restricted Working Space, Add	*1.90*	

23 05 29 00-0337 One Hole Galvanized Steel Pipe Straps *(23 05 29 00-0317)*

23 05 29 00-0338	EA	1/2" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	2.80	
		For Work In Restricted Working Space, Add	*0.49*	
23 05 29 00-0339	EA	3/4" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.41	
		For Work In Restricted Working Space, Add	*0.52*	
23 05 29 00-0340	EA	1" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.65	
		For Work In Restricted Working Space, Add	*0.56*	
23 05 29 00-0341	EA	1-1/4" Galvanized Steel Strap, 1 Hole	3.93	
		For Work In Restricted Working Space, Add	*0.61*	
23 05 29 00-0342	EA	1-1/2" Galvanized Steel Strap, 1 Hole	4.20	
		For Work In Restricted Working Space, Add	*0.66*	
23 05 29 00-0343	EA	2" Galvanized Steel Strap, 1 Hole	4.70	
		For Work In Restricted Working Space, Add	*0.73*	

23 05 29 00-0344 Pipe and Equipment Support Brackets *(23 05 29 00-0001)*

23 05 29 00-0345 Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) *(23 05 29 00-0344)*

Note: Up to 750# load.

23 05 29 00-0346	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	140.00	10.74
		For Galvanized, Add	*23.70*	
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0347	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	142.16	10.74
		For Galvanized, Add	*24.13*	
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0348	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	150.73	10.74
		For Galvanized, Add	*25.85*	
		For Work In Restricted Working Space, Add	*6.45*	

23 05 29 00-0349 Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) *(23 05 29 00-0344)*

Note: Up to 1500# load.

23 05 29 00-0350	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	349.39	10.74
		For Galvanized, Add	*65.58*	
		For Work In Restricted Working Space, Add	*6.45*	
23 05 29 00-0351	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	411.03	10.74
		For Galvanized, Add	*77.91*	
		For Work In Restricted Working Space, Add	*6.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0352	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	536.73	10.74
		For Galvanized, Add	*103.05*	
		For Work In Restricted Working Space, Add	*6.45*	

23 05 29 00-0353 Pipe Alignment Guide *(23 05 29 00-0001)*

23 05 29 00-0354 Pipe Alignment Guide, 1" Insulation *(23 05 29 00-0353)*

23 05 29 00-0355	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2)	392.86	17.01
23 05 29 00-0356	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4)	393.75	17.47
23 05 29 00-0357	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1)	394.65	17.91
23 05 29 00-0358	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4)	395.54	18.36
23 05 29 00-0359	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2)	431.39	18.80
23 05 29 00-0360	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2)	440.41	20.59
23 05 29 00-0361	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2)	441.75	21.27
23 05 29 00-0362	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3)	443.09	21.94
23 05 29 00-0363	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4)	468.97	23.28
23 05 29 00-0364	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5)	547.33	29.55
23 05 29 00-0365	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6)	559.86	35.82
23 05 29 00-0366	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8)	631.79	44.78
23 05 29 00-0367	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10)	1,162.97	53.73
23 05 29 00-0368	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12)	1,768.13	71.64
23 05 29 00-0369	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14)	2,176.04	89.55
23 05 29 00-0370	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16)	2,616.93	100.30
23 05 29 00-0371	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18)	2,823.26	111.94
23 05 29 00-0372	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20)	3,002.09	128.06
23 05 29 00-0373	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24)	3,777.70	134.33

23 05 29 00-0374 Pipe Alignment Guide, 1-1/2" Insulation *(23 05 29 00-0353)*

23 05 29 00-0375	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2)	393.75	17.47
23 05 29 00-0376	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4)	429.60	17.91
23 05 29 00-0377	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1)	430.49	18.36
23 05 29 00-0378	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4)	431.39	18.80
23 05 29 00-0379	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2)	432.28	19.26
23 05 29 00-0380	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2)	441.30	21.05
23 05 29 00-0381	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2)	442.64	21.72
23 05 29 00-0382	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3)	467.18	22.39
23 05 29 00-0383	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4)	469.87	23.73
23 05 29 00-0384	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5)	548.66	30.22
23 05 29 00-0385	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6)	561.65	36.71
23 05 29 00-0386	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8)	634.03	45.90
23 05 29 00-0387	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10)	1,165.65	55.07
23 05 29 00-0388	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12)	1,771.72	73.43
23 05 29 00-0389	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14)	2,180.52	91.79
23 05 29 00-0390	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16)	2,622.31	102.98
23 05 29 00-0391	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18)	2,828.63	114.62
23 05 29 00-0392	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20)	3,008.35	131.19
23 05 29 00-0393	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24)	3,784.42	137.68

23 05 29 00-0394 Pipe Alignment Guide, 2" Insulation *(23 05 29 00-0353)*

23 05 29 00-0395	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2)	429.60	17.91
23 05 29 00-0396	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4)	435.92	18.36
23 05 29 00-0397	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1)	436.82	18.80
23 05 29 00-0398	EA	1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4)	437.71	19.26
23 05 29 00-0399	EA	1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2)	438.61	19.70
23 05 29 00-0400	EA	2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2)	465.39	21.49
23 05 29 00-0401	EA	2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2)	467.18	22.39
23 05 29 00-0402	EA	3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3)	468.30	22.95
23 05 29 00-0403	EA	4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4)	536.58	24.18
23 05 29 00-0404	EA	5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5)	550.01	30.90
23 05 29 00-0405	EA	6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6)	617.46	37.61
23 05 29 00-0406	EA	8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8)	696.10	47.01
23 05 29 00-0407	EA	10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10)	1,168.34	56.42
23 05 29 00-0408	EA	12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12)	1,775.30	75.22
23 05 29 00-0409	EA	14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14)	2,184.99	94.03
23 05 29 00-0410	EA	16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16)	2,627.48	105.57
23 05 29 00-0411	EA	18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18)	2,834.45	117.54
23 05 29 00-0412	EA	20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20)	3,014.62	134.33
23 05 29 00-0413	EA	24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24)	3,791.13	141.04

23 05 29 00-0414 Pipe Alignment Guide, 2-1/2" Insulation *(23 05 29 00-0353)*

23 05 29 00-0415	EA	1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2)	435.92	18.36
23 05 29 00-0416	EA	3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4)	460.01	18.80
23 05 29 00-0417	EA	1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1)	460.90	19.26
23 05 29 00-0418	EA	1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4)	461.80	19.70
23 05 29 00-0419	EA	1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2)	462.70	20.15
23 05 29 00-0420	EA	2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2)	466.28	21.94
23 05 29 00-0421	EA	2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2)	468.30	22.95
23 05 29 00-0422	EA	3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3)	535.23	23.51
23 05 29 00-0423	EA	4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4)	537.48	24.63
23 05 29 00-0424	EA	5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5)	604.93	31.34
23 05 29 00-0425	EA	6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6)	619.25	38.50

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0426		8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8)	1,151.78	48.13
23 05 29 00-0427	EA	10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10)	1,740.37	57.76
23 05 29 00-0428	EA	12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12)	2,150.97	77.01
23 05 29 00-0429	EA	14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14)	2,189.84	96.27
23 05 29 00-0430	EA	16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16)	2,633.06	108.35
23 05 29 00-0431	EA	18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18)	2,840.27	120.45
23 05 29 00-0432	EA	20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20)	3,021.34	137.68
23 05 29 00-0433	EA	24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24)	3,798.31	144.62

23 05 29 00-0434 Pipe Alignment Guide, 3" Insulation *(23 05 29 00-0353)*

23 05 29 00-0435	EA	1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2)	460.01	18.80
23 05 29 00-0436	EA	3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4)	460.90	19.26
23 05 29 00-0437	EA	1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1)	461.80	19.70
23 05 29 00-0438	EA	1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4)	462.70	20.15
23 05 29 00-0439	EA	1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2)	463.60	20.59
23 05 29 00-0440	EA	2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2)	533.00	22.39
23 05 29 00-0441	EA	2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2)	535.23	23.51
23 05 29 00-0442	EA	3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3)	536.58	24.18
23 05 29 00-0443	EA	4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4)	592.74	25.25
23 05 29 00-0444	EA	5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5)	606.72	32.23
23 05 29 00-0445	EA	6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6)	680.88	39.40
23 05 29 00-0446	EA	8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8)	1,154.01	49.26
23 05 29 00-0447	EA	10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10)	1,743.05	59.11
23 05 29 00-0448	EA	12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12)	2,154.55	78.81
23 05 29 00-0449	EA	14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14)	2,194.32	98.50
23 05 29 00-0450	EA	16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16)	2,638.43	111.04
23 05 29 00-0451	EA	18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18)	2,845.65	123.13
23 05 29 00-0452	EA	20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20)	3,028.05	141.04
23 05 29 00-0453	EA	24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24)	3,805.47	148.20

23 05 29 00-0454 Pipe Alignment Guide, 3-1/2" Insulation *(23 05 29 00-0353)*

23 05 29 00-0455	EA	1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2)	460.90	19.26
23 05 29 00-0456	EA	3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4)	527.62	19.70
23 05 29 00-0457	EA	1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1)	528.52	20.15
23 05 29 00-0458	EA	1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4)	529.42	20.59
23 05 29 00-0459	EA	1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2)	530.31	21.05
23 05 29 00-0460	EA	2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2)	534.12	22.95
23 05 29 00-0461	EA	2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2)	536.40	24.09
23 05 29 00-0462	EA	3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3)	591.81	24.78
23 05 29 00-0463	EA	4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4)	594.18	25.97
23 05 29 00-0464	EA	5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5)	668.34	33.13
23 05 29 00-0465	EA	6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6)	1,136.11	40.30
23 05 29 00-0466	EA	8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8)	1,725.60	50.37
23 05 29 00-0467	EA	10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10)	2,118.47	60.59
23 05 29 00-0468	EA	12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12)	2,577.53	80.60
23 05 29 00-0469	EA	14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14)	2,618.28	100.97
23 05 29 00-0470	EA	16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16)	2,835.47	113.73
23 05 29 00-0471	EA	18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18)	2,998.50	126.27
23 05 29 00-0472	EA	20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20)	3,797.41	144.18

23 05 29 00-0473 Pipe Alignment Guide, 4" Insulation *(23 05 29 00-0353)*

23 05 29 00-0474	EA	1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2)	527.62	19.70
23 05 29 00-0475	EA	3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4)	528.52	20.15
23 05 29 00-0476	EA	1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1)	529.42	20.59
23 05 29 00-0477	EA	1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4)	530.31	21.05
23 05 29 00-0478	EA	1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2)	531.21	21.49
23 05 29 00-0479	EA	2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2)	589.25	23.51
23 05 29 00-0480	EA	2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2)	591.50	24.63
23 05 29 00-0481	EA	3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3)	593.02	25.38
23 05 29 00-0482	EA	4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4)	655.35	26.64
23 05 29 00-0483	EA	5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5)	1,123.57	34.03
23 05 29 00-0484	EA	6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6)	1,137.90	41.20
23 05 29 00-0485	EA	8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8)	1,727.83	51.49
23 05 29 00-0486	EA	10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10)	2,121.79	62.24
23 05 29 00-0487	EA	12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12)	2,581.57	82.61
23 05 29 00-0488	EA	14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14)	2,805.35	102.98
23 05 29 00-0489	EA	16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16)	2,978.80	116.41
23 05 29 00-0490	EA	18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18)	3,768.75	129.85

23 05 29 00-0491 Sway Bracing For No Hub Pipe *(23 05 29 00-0001)*

23 05 29 00-0492	EA	1-1/2" Sway Bracing	102.61	11.82
		For Work In Restricted Working Space, Add	*7.07*	
23 05 29 00-0493	EA	2" Sway Bracing	105.81	12.45
		For Work In Restricted Working Space, Add	*7.46*	
23 05 29 00-0494	EA	3" Sway Bracing	109.67	13.16
		For Work In Restricted Working Space, Add	*7.90*	
23 05 29 00-0495	EA	4" Sway Bracing	124.47	14.95
		For Work In Restricted Working Space, Add	*8.96*	
23 05 29 00-0496	EA	6" Sway Bracing	182.77	22.39
		For Work In Restricted Working Space, Add	*13.43*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0497	EA	8" Sway Bracing	203.33	27.94
		For Work In Restricted Working Space, Add	*16.79*	
23 05 29 00-0498	EA	10" Sway Bracing	230.80	37.35
		For Work In Restricted Working Space, Add	*22.39*	

23 05 29 00-0499 Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) *(23 05 29 00-0001)*

Note: Heights listed is total for base and adjustable saddle

23 05 29 00-0500	EA	23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	196.79	8.95
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0501	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	200.85	9.85
		For Work In Restricted Working Space, Add	*5.91*	
23 05 29 00-0502	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	346.79	11.20
		For Work In Restricted Working Space, Add	*6.72*	
23 05 29 00-0503	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	444.98	12.54
		For Work In Restricted Working Space, Add	*7.52*	
23 05 29 00-0504	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	450.77	13.88
		For Work In Restricted Working Space, Add	*8.33*	
23 05 29 00-0505	EA	25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	488.45	15.67
		For Work In Restricted Working Space, Add	*9.40*	
23 05 29 00-0506	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	592.33	17.01
		For Work In Restricted Working Space, Add	*10.21*	
23 05 29 00-0507	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	599.10	18.36
		For Work In Restricted Working Space, Add	*11.01*	
23 05 29 00-0508	EA	26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	607.82	20.15
		For Work In Restricted Working Space, Add	*12.09*	
23 05 29 00-0509	EA	28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	629.58	21.94
		For Work In Restricted Working Space, Add	*13.16*	
23 05 29 00-0510	EA	29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	667.74	24.18
		For Work In Restricted Working Space, Add	*14.51*	
23 05 29 00-0511	EA	30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	686.36	26.86
		For Work In Restricted Working Space, Add	*16.12*	
23 05 29 00-0512	EA	32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	838.48	29.55
		For Work In Restricted Working Space, Add	*17.73*	
23 05 29 00-0513	EA	33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	903.62	33.13
		For Work In Restricted Working Space, Add	*19.88*	
23 05 29 00-0514	EA	35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,294.35	36.71
		For Work In Restricted Working Space, Add	*22.03*	
23 05 29 00-0515	EA	36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,541.69	40.30
		For Work In Restricted Working Space, Add	*24.18*	
23 05 29 00-0516	EA	39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,804.69	43.88
		For Work In Restricted Working Space, Add	*26.33*	

23 05 29 00-0517 Pipe Isolators Wrap At Hanger *(23 05 29 00-0001)*

Note: Superstrut S-176.

23 05 29 00-0518	LF	Pipe Isolator Wrap (Cooper B-LINE B-1999)	4.99	

23 05 29 00-0519 Channel Mounted Cushion Clamp *(23 05 29 00-0001)*

Note: Includes fastening into channel.

23 05 29 00-0520	EA	1/2" Channel Mounted Cushion Clamp For 3/8" Pipe (Cooper B-Line BVT050)	12.09	4.03
23 05 29 00-0521	EA	5/8" Channel Mounted Cushion Clamp For 1/2" Pipe (Cooper B-Line BVT062)	12.72	4.48
23 05 29 00-0522	EA	7/8" Channel Mounted Cushion Clamp For 3/4" Pipe (Cooper B-Line BVT087)	14.40	4.70
23 05 29 00-0523	EA	1-1/8" Channel Mounted Cushion Clamp For 1" Pipe (Cooper B-Line BVT112)	15.53	4.93
23 05 29 00-0524	EA	1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe (Cooper B-Line BVT137)	17.48	5.37
23 05 29 00-0525	EA	1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe (Cooper B-Line BVT162)	20.00	5.59
23 05 29 00-0526	EA	2-1/8" Channel Mounted Cushion Clamp For 2" Pipe (Cooper B-Line BVT212)	26.68	5.83
23 05 29 00-0527	EA	2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe (Cooper B-Line BVT262)	29.70	6.27
23 05 29 00-0528	EA	3-1/8" Channel Mounted Cushion Clamp For 3" Pipe (Cooper B-Line BVT312)	37.12	7.16
23 05 29 00-0529	EA	4-1/8" Channel Mounted Cushion Clamp For 4" Pipe (Cooper B-Line BVT412)	59.44	8.06

23 05 29 00-0530 Galvanized Steel Cushion Tube Clamp (KMC) *(23 05 29 00-0001)*

Note: Excludes fastening bolt and drilling if necessary.

23 05 29 00-0531	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.23	
23 05 29 00-0532	EA	1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.31	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0533	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.36	
23 05 29 00-0534	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.49	
23 05 29 00-0535	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.33	
23 05 29 00-0536	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.56	
23 05 29 00-0537	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.42	
23 05 29 00-0538	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.70	
23 05 29 00-0539	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	3.72	
23 05 29 00-0540	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.55	
23 05 29 00-0541	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.68	
23 05 29 00-0542	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.07	
23 05 29 00-0543	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	3.69	
23 05 29 00-0544	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	3.95	
23 05 29 00-0545	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.37	
23 05 29 00-0546	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.41	
23 05 29 00-0547	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.64	
23 05 29 00-0548	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.10	
23 05 29 00-0549	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.24	
23 05 29 00-0550	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.93	
23 05 29 00-0551	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.98	
23 05 29 00-0552	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.38	
23 05 29 00-0553	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.93	
23 05 29 00-0554	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.27	
23 05 29 00-0555	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.56	
23 05 29 00-0556	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.89	
23 05 29 00-0557	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	7.19	
23 05 29 00-0558	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.52	
23 05 29 00-0559	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	6.01	
23 05 29 00-0560	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	7.47	
23 05 29 00-0561		Rooftop Pipe Supports *(23 05 29 00-0001)* Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0562		Rooftop Support Base *(23 05 29 00-0561)*		
23 05 29 00-0563	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM)	30.39	7.30
23 05 29 00-0564	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP)	42.25	9.72
23 05 29 00-0565		Rooftop Support Base With 14 Gauge Galvanized Channel *(23 05 29 00-0561)*		
23 05 29 00-0566	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5)	34.32	7.30
23 05 29 00-0567	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)	48.64	9.72
23 05 29 00-0568	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20)	88.60	12.16
23 05 29 00-0569	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30)	121.97	14.59
23 05 29 00-0570	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40)	168.25	17.03
23 05 29 00-0571	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48)	177.76	19.46
23 05 29 00-0572		Rooftop Support Base With 12 Gauge Galvanized Channel *(23 05 29 00-0561)*		
23 05 29 00-0573	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610)	59.08	9.72
23 05 29 00-0574	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620)	93.26	12.16
23 05 29 00-0575	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630)	123.84	14.59
23 05 29 00-0576	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	168.35	17.03
23 05 29 00-0577	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	188.43	14.59
23 05 29 00-0578		Rooftop Bridge Support Base With 12 Gauge Galvanized Channel *(23 05 29 00-0561)*		
23 05 29 00-0579	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	98.59	14.59

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23 05 29 00-0580	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	112.38	17.03
23 05 29 00-0581	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	117.21	19.46
23 05 29 00-0582	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	128.42	21.89
23 05 29 00-0583	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	163.57	24.33
23 05 29 00-0584		**Rooftop Pipe Support Base And Rod** *(23 05 29 00-0561)*		
23 05 29 00-0585	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	71.45	9.72
23 05 29 00-0586	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	71.45	9.72
23 05 29 00-0587	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	71.84	9.72
23 05 29 00-0588	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	77.11	12.16
23 05 29 00-0589	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	74.25	12.16
23 05 29 00-0590	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	77.92	12.16
23 05 29 00-0591		**Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly** *(23 05 29 00-0561)*		
23 05 29 00-0592	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	90.16	9.72
23 05 29 00-0593	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	100.42	9.72
23 05 29 00-0594	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	131.52	12.16
23 05 29 00-0595	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	173.46	12.16
23 05 29 00-0596	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	235.74	12.16
23 05 29 00-0597		**Rooftop Support Base And Adjustable Height Roller Assembly** *(23 05 29 00-0561)* Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0598	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12)	112.81	14.59
23 05 29 00-0599		**Rooftop Support Base And Adjustable Height Channel Assembly** *(23 05 29 00-0561)* Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0600	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8)	74.44	12.16
23 05 29 00-0601	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12)	101.08	14.59
23 05 29 00-0602	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16)	112.86	17.03
23 05 29 00-0603		**Rooftop Support Bases With Channel Support And Risers Assembly** *(23 05 29 00-0561)* Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0604	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	268.58	19.46
23 05 29 00-0605	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	271.53	19.46
23 05 29 00-0606	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	281.89	19.46
23 05 29 00-0607	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	305.66	19.46
23 05 29 00-0608	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	263.31	19.46
23 05 29 00-0609	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	273.22	19.46
23 05 29 00-0610	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	283.57	19.46
23 05 29 00-0611	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	307.33	19.46
23 05 29 00-0612	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	275.08	19.46
23 05 29 00-0613	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	278.54	19.46
23 05 29 00-0614	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	288.70	19.46
23 05 29 00-0615	EA	53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS)	312.56	19.46
23 05 29 00-0616	EA	23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS)	287.12	19.46
23 05 29 00-0617	EA	29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	290.27	19.46
23 05 29 00-0618	EA	41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	300.43	19.46
23 05 29 00-0619	EA	53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	324.29	19.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0620		Threaded Rod, Accessories And Attachments *(23 05 29)*		
23 05 29 00-0621		Threaded Rod And Rod Accessories *(23 05 29 00-0620)*		
23 05 29 00-0622		Threaded Rod *(23 05 29 00-0621)* Note: Fully threaded.		
23 05 29 00-0623	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.81	0.61
		For Galvanized, Add	*0.64*	
		For Zinc Plated, Add	*0.45*	
		For Work In Restricted Working Space, Add	*0.37*	
23 05 29 00-0624	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.83	0.65
		For Galvanized, Add	*1.01*	
		For Zinc Plated, Add	*0.72*	
		For Work In Restricted Working Space, Add	*0.39*	
23 05 29 00-0625	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.26	0.67
		For Galvanized, Add	*1.56*	
		For Zinc Plated, Add	*1.11*	
		For Work In Restricted Working Space, Add	*0.41*	
23 05 29 00-0626	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	8.49	0.69
		For Galvanized, Add	*2.84*	
		For Zinc Plated, Add	*2.03*	
		For Work In Restricted Working Space, Add	*0.41*	
23 05 29 00-0627	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.25	0.71
		For Galvanized, Add	*3.13*	
		For Zinc Plated, Add	*2.23*	
		For Work In Restricted Working Space, Add	*0.43*	
23 05 29 00-0628	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.59	0.80
		For Galvanized, Add	*4.39*	
		For Zinc Plated, Add	*3.13*	
		For Work In Restricted Working Space, Add	*0.49*	
23 05 29 00-0629	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	15.64	0.90
		For Galvanized, Add	*5.54*	
		For Zinc Plated, Add	*3.94*	
		For Work In Restricted Working Space, Add	*0.54*	
23 05 29 00-0630		Rod Couplings *(23 05 29 00-0621)*		
23 05 29 00-0631	EA	3/8" Diameter, Threaded Rod Coupling Nut	7.17	
		For Work In Restricted Working Space, Add	*1.79*	
23 05 29 00-0632	EA	1/2" Diameter, Threaded Rod Coupling Nut	8.13	
		For Work In Restricted Working Space, Add	*1.99*	
23 05 29 00-0633	EA	5/8" Diameter, Threaded Rod Coupling Nut	10.13	
		For Work In Restricted Working Space, Add	*2.24*	
23 05 29 00-0634	EA	3/4" Diameter, Threaded Rod Coupling Nut	12.30	
		For Work In Restricted Working Space, Add	*2.44*	
23 05 29 00-0635	EA	7/8" Diameter, Threaded Rod Coupling Nut	17.91	
		For Work In Restricted Working Space, Add	*2.69*	
23 05 29 00-0636	EA	1" Diameter, Threaded Rod Coupling Nut	21.25	
		For Work In Restricted Working Space, Add	*3.16*	
23 05 29 00-0637	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	40.29	
		For Work In Restricted Working Space, Add	*3.58*	
23 05 29 00-0638		Flat Washers *(23 05 29 00-0621)* Note: Zinc plated.		
23 05 29 00-0639	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.50	0.19
		For Galvanized, Add	*0.03*	
		For Work In Restricted Working Space, Add	*0.12*	
23 05 29 00-0640	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.69	0.19
		For Galvanized, Add	*0.06*	
		For Work In Restricted Working Space, Add	*0.14*	
23 05 29 00-0641	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.98	0.29
		For Galvanized, Add	*0.11*	
		For Work In Restricted Working Space, Add	*0.16*	
23 05 29 00-0642	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.32	0.29
		For Galvanized, Add	*0.16*	
		For Work In Restricted Working Space, Add	*0.21*	
23 05 29 00-0643	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.56	0.39
		For Galvanized, Add	*0.19*	
		For Work In Restricted Working Space, Add	*0.24*	
23 05 29 00-0644	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.83	0.39
		For Galvanized, Add	*0.23*	
		For Work In Restricted Working Space, Add	*0.27*	
23 05 29 00-0645	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.06	0.48
		For Galvanized, Add	*0.26*	
		For Work In Restricted Working Space, Add	*0.31*	
23 05 29 00-0646		Hex Nuts *(23 05 29 00-0621)* Note: Grade 2 and zinc plated.		
23 05 29 00-0647	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.64	0.24
		For Galvanized, Add	*0.02*	
		For Work In Restricted Working Space, Add	*0.17*	
23 05 29 00-0648	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.79	0.24
		For Galvanized, Add	*0.05*	
		For Work In Restricted Working Space, Add	*0.18*	
23 05 29 00-0649	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.08	0.24
		For Galvanized, Add	*0.11*	
		For Work In Restricted Working Space, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0650	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.26	0.48
		For Galvanized, Add	*0.15*	
		For Work In Restricted Working Space, Add	*0.20*	
23 05 29 00-0651	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.82	0.48
		For Galvanized, Add	*0.28*	
		For Work In Restricted Working Space, Add	*0.21*	
23 05 29 00-0652	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.31	0.48
		For Galvanized, Add	*0.38*	
		For Work In Restricted Working Space, Add	*0.24*	
23 05 29 00-0653	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.75	0.48
		For Galvanized, Add	*0.71*	
		For Work In Restricted Working Space, Add	*0.27*	

23 05 29 00-0654 Turnbuckle (Cooper B-Line B3202) *(23 05 29 00-0621)*

Note: Type 13.

23 05 29 00-0655	EA	3/8" Turnbuckle (Cooper B-Line B3202)	29.01	4.87
		For Work In Restricted Working Space, Add	*2.92*	
23 05 29 00-0656	EA	1/2" Turnbuckle (Cooper B-Line B3202)	34.79	5.35
		For Work In Restricted Working Space, Add	*3.24*	
23 05 29 00-0657	EA	5/8" Turnbuckle (Cooper B-Line B3202)	37.24	5.83
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0658	EA	3/4" Turnbuckle (Cooper B-Line B3202)	47.48	6.81
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-0659	EA	7/8" Turnbuckle (Cooper B-Line B3202)	62.25	7.30
		For Work In Restricted Working Space, Add	*4.87*	
23 05 29 00-0660	EA	1" Turnbuckle (Cooper B-Line B3202)	77.57	7.79
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0661	EA	1-1/8" Turnbuckle (Cooper B-Line B3202)	108.80	8.76
		For Work In Restricted Working Space, Add	*7.30*	

23 05 29 00-0662 Swivel Turnbuckle (Cooper B-Line B3224) *(23 05 29 00-0621)*

Note: Type 15.

23 05 29 00-0663	EA	3/8" Swivel Turnbuckle (Cooper B-Line B3224)	16.82	4.87
		For Work In Restricted Working Space, Add	*2.92*	
23 05 29 00-0664	EA	1/2" Swivel Turnbuckle (Cooper B-Line B3224)	19.67	5.45
		For Work In Restricted Working Space, Add	*3.24*	
23 05 29 00-0665	EA	5/8" Swivel Turnbuckle (Cooper B-Line B3224)	27.02	6.04
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0666	EA	3/4" Swivel Turnbuckle (Cooper B-Line B3224)	33.01	6.91
		For Work In Restricted Working Space, Add	*4.17*	

23 05 29 00-0667 Forged Steel Clevis (Cooper B-Line B3201) *(23 05 29 00-0621)*

Note: Type 14.

23 05 29 00-0668	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201)	103.04	8.95
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0669	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201)	155.32	9.41
		For Work In Restricted Working Space, Add	*5.66*	
23 05 29 00-0670	EA	5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201)	168.21	9.85
		For Work In Restricted Working Space, Add	*5.97*	
23 05 29 00-0671	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201)	175.01	10.74
		For Work In Restricted Working Space, Add	*6.32*	
23 05 29 00-0672	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201)	183.45	12.09
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0673	EA	6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201)	309.40	15.67
		For Work In Restricted Working Space, Add	*9.40*	
23 05 29 00-0674	EA	5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201)	335.02	17.91
		For Work In Restricted Working Space, Add	*10.75*	
23 05 29 00-0675	EA	7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201)	393.83	22.39
		For Work In Restricted Working Space, Add	*13.43*	

23 05 29 00-0676 Welded Eye Rod (Cooper B-Line B3211) *(23 05 29 00-0621)*

23 05 29 00-0677	EA	3/8" Diameter x 8" Length Shank, Welded Eye Rod	28.48	5.25
		For Work In Restricted Working Space, Add	*3.16*	
23 05 29 00-0678	EA	3/8" Diameter x 10" Length Shank, Welded Eye Rod	29.45	5.35
		For Work In Restricted Working Space, Add	*3.22*	
23 05 29 00-0679	EA	3/8" Diameter x 12" Length Shank, Welded Eye Rod	30.42	5.45
		For Work In Restricted Working Space, Add	*3.28*	
23 05 29 00-0680	EA	3/8" Diameter x 14" Length Shank, Welded Eye Rod	30.63	5.54
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0681	EA	3/8" Diameter x 18" Length Shank, Welded Eye Rod	32.58	5.74
		For Work In Restricted Working Space, Add	*3.47*	
23 05 29 00-0682	EA	3/8" Diameter x 24" Length Shank, Welded Eye Rod	34.77	6.12
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0683	EA	3/8" Diameter x 30" Length Shank, Welded Eye Rod	36.14	6.42
		For Work In Restricted Working Space, Add	*3.83*	
23 05 29 00-0684	EA	3/8" Diameter x 36" Length Shank, Welded Eye Rod	39.10	6.72
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0685	EA	3/8" Diameter x 42" Length Shank, Welded Eye Rod	41.26	7.01
		For Work In Restricted Working Space, Add	*4.20*	
23 05 29 00-0686	EA	3/8" Diameter x 48" Length Shank, Welded Eye Rod	43.43	7.30
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-0687	EA	1/2" Diameter x 8" Length Shank, Welded Eye Rod	38.94	5.83
		For Work In Restricted Working Space, Add	*3.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0688	EA	1/2" Diameter x 10" Length Shank, Welded Eye Rod	39.91	5.94
		For Work In Restricted Working Space, Add	*3.56*	
23 05 29 00-0689	EA	1/2" Diameter x 12" Length Shank, Welded Eye Rod	40.94	6.04
		For Work In Restricted Working Space, Add	*3.63*	
23 05 29 00-0690	EA	1/2" Diameter x 14" Length Shank, Welded Eye Rod	41.93	6.13
		For Work In Restricted Working Space, Add	*3.69*	
23 05 29 00-0691	EA	1/2" Diameter x 18" Length Shank, Welded Eye Rod	43.91	6.33
		For Work In Restricted Working Space, Add	*3.83*	
23 05 29 00-0692	EA	1/2" Diameter x 24" Length Shank, Welded Eye Rod	47.67	6.72
		For Work In Restricted Working Space, Add	*4.02*	
23 05 29 00-0693	EA	1/2" Diameter x 30" Length Shank, Welded Eye Rod	50.67	7.01
		For Work In Restricted Working Space, Add	*4.21*	
23 05 29 00-0694	EA	1/2" Diameter x 36" Length Shank, Welded Eye Rod	54.43	7.30
		For Work In Restricted Working Space, Add	*4.41*	
23 05 29 00-0695	EA	1/2" Diameter x 42" Length Shank, Welded Eye Rod	57.39	7.69
		For Work In Restricted Working Space, Add	*4.60*	
23 05 29 00-0696	EA	1/2" Diameter x 48" Length Shank, Welded Eye Rod	60.40	7.98
		For Work In Restricted Working Space, Add	*4.80*	
23 05 29 00-0697	EA	5/8" Diameter x 8" Length Shank, Welded Eye Rod	53.58	6.52
		For Work In Restricted Working Space, Add	*3.92*	
23 05 29 00-0698	EA	5/8" Diameter x 10" Length Shank, Welded Eye Rod	55.34	6.62
		For Work In Restricted Working Space, Add	*3.99*	
23 05 29 00-0699	EA	5/8" Diameter x 12" Length Shank, Welded Eye Rod	57.14	6.72
		For Work In Restricted Working Space, Add	*4.05*	
23 05 29 00-0700	EA	5/8" Diameter x 14" Length Shank, Welded Eye Rod	58.14	6.91
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0701	EA	5/8" Diameter x 18" Length Shank, Welded Eye Rod	60.93	7.10
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-0702	EA	5/8" Diameter x 24" Length Shank, Welded Eye Rod	65.50	7.39
		For Work In Restricted Working Space, Add	*4.46*	
23 05 29 00-0703	EA	5/8" Diameter x 30" Length Shank, Welded Eye Rod	70.05	7.79
		For Work In Restricted Working Space, Add	*4.66*	
23 05 29 00-0704	EA	5/8" Diameter x 36" Length Shank, Welded Eye Rod	73.84	8.08
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0705	EA	5/8" Diameter x 42" Length Shank, Welded Eye Rod	78.41	8.47
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0706	EA	5/8" Diameter x 48" Length Shank, Welded Eye Rod	82.95	8.76
		For Work In Restricted Working Space, Add	*5.26*	
23 05 29 00-0707	EA	3/4" Diameter x 8" Length Shank, Welded Eye Rod	66.24	7.39
		For Work In Restricted Working Space, Add	*4.45*	
23 05 29 00-0708	EA	3/4" Diameter x 10" Length Shank, Welded Eye Rod	68.83	7.49
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-0709	EA	3/4" Diameter x 12" Length Shank, Welded Eye Rod	70.61	7.69
		For Work In Restricted Working Space, Add	*4.59*	
23 05 29 00-0710	EA	3/4" Diameter x 14" Length Shank, Welded Eye Rod	73.17	7.79
		For Work In Restricted Working Space, Add	*4.66*	
23 05 29 00-0711	EA	3/4" Diameter x 18" Length Shank, Welded Eye Rod	77.53	7.98
		For Work In Restricted Working Space, Add	*4.80*	
23 05 29 00-0712	EA	3/4" Diameter x 24" Length Shank, Welded Eye Rod	83.66	8.37
		For Work In Restricted Working Space, Add	*5.00*	
23 05 29 00-0713	EA	3/4" Diameter x 30" Length Shank, Welded Eye Rod	89.80	8.66
		For Work In Restricted Working Space, Add	*5.21*	
23 05 29 00-0714	EA	3/4" Diameter x 36" Length Shank, Welded Eye Rod	96.74	9.05
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0715	EA	3/4" Diameter x 42" Length Shank, Welded Eye Rod	103.63	9.35
		For Work In Restricted Working Space, Add	*5.63*	
23 05 29 00-0716	EA	3/4" Diameter x 48" Length Shank, Welded Eye Rod	109.79	9.73
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0717	EA	7/8" Diameter x 8" Length Shank, Welded Eye Rod	79.52	8.56
		For Work In Restricted Working Space, Add	*5.16*	
23 05 29 00-0718	EA	7/8" Diameter x 10" Length Shank, Welded Eye Rod	82.87	8.76
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0719	EA	7/8" Diameter x 12" Length Shank, Welded Eye Rod	85.47	8.85
		For Work In Restricted Working Space, Add	*5.31*	
23 05 29 00-0720	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	88.03	8.95
		For Work In Restricted Working Space, Add	*5.38*	
23 05 29 00-0721	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	93.20	9.25
		For Work In Restricted Working Space, Add	*5.52*	
23 05 29 00-0722	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	101.69	9.54
		For Work In Restricted Working Space, Add	*5.74*	
23 05 29 00-0723	EA	7/8" Diameter x 30" Length Shank, Welded Eye Rod	109.43	9.93
		For Work In Restricted Working Space, Add	*5.96*	
23 05 29 00-0724	EA	7/8" Diameter x 36" Length Shank, Welded Eye Rod	117.92	10.31
		For Work In Restricted Working Space, Add	*6.17*	
23 05 29 00-0725	EA	7/8" Diameter x 42" Length Shank, Welded Eye Rod	125.67	10.60
		For Work In Restricted Working Space, Add	*6.39*	
23 05 29 00-0726	EA	7/8" Diameter x 48" Length Shank, Welded Eye Rod	133.39	11.00
		For Work In Restricted Working Space, Add	*6.60*	
23 05 29 00-0727	EA	1" Diameter x 8" Length Shank, Welded Eye Rod	99.98	10.31
		For Work In Restricted Working Space, Add	*6.16*	
23 05 29 00-0728	EA	1" Diameter x 10" Length Shank, Welded Eye Rod	103.37	10.41
		For Work In Restricted Working Space, Add	*6.24*	
23 05 29 00-0729	EA	1" Diameter x 12" Length Shank, Welded Eye Rod	106.77	10.51
		For Work In Restricted Working Space, Add	*6.33*	
23 05 29 00-0730	EA	1" Diameter x 14" Length Shank, Welded Eye Rod	110.16	10.70
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0731	EA	1" Diameter x 18" Length Shank, Welded Eye Rod	116.90	11.00
		For Work In Restricted Working Space, Add	*6.57*	

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23 05 29 00-0732	EA	1" Diameter x 24" Length Shank, Welded Eye Rod	127.08	11.39
		For Work In Restricted Working Space, Add	*6.81*	
23 05 29 00-0733	EA	1" Diameter x 30" Length Shank, Welded Eye Rod	137.25	11.78
		For Work In Restricted Working Space, Add	*7.06*	
23 05 29 00-0734	EA	1" Diameter x 36" Length Shank, Welded Eye Rod	148.15	12.16
		For Work In Restricted Working Space, Add	*7.30*	
23 05 29 00-0735	EA	1" Diameter x 42" Length Shank, Welded Eye Rod	158.31	12.55
		For Work In Restricted Working Space, Add	*7.54*	
23 05 29 00-0736	EA	1" Diameter x 48" Length Shank, Welded Eye Rod	168.48	12.95
		For Work In Restricted Working Space, Add	*7.79*	

23 05 29 00-0737 Welded Linked Eye Rod (Cooper B-Line B3211X) *(23 05 29 00-0621)*

23 05 29 00-0738	EA	3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	62.51	7.10
		For Work In Restricted Working Space, Add	*4.28*	
23 05 29 00-0739	EA	3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	64.20	7.30
		For Work In Restricted Working Space, Add	*4.40*	
23 05 29 00-0740	EA	3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	65.89	7.59
		For Work In Restricted Working Space, Add	*4.52*	
23 05 29 00-0741	EA	3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	66.50	7.88
		For Work In Restricted Working Space, Add	*4.71*	
23 05 29 00-0742	EA	3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	69.67	8.18
		For Work In Restricted Working Space, Add	*4.89*	
23 05 29 00-0743	EA	3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	73.54	8.76
		For Work In Restricted Working Space, Add	*5.25*	
23 05 29 00-0744	EA	3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	76.02	9.34
		For Work In Restricted Working Space, Add	*5.62*	
23 05 29 00-0745	EA	3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	81.15	10.02
		For Work In Restricted Working Space, Add	*5.98*	
23 05 29 00-0746	EA	1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod	81.81	7.89
		For Work In Restricted Working Space, Add	*4.73*	
23 05 29 00-0747	EA	1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod	83.54	8.08
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0748	EA	1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod	85.31	8.27
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0749	EA	1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod	87.25	8.66
		For Work In Restricted Working Space, Add	*5.18*	
23 05 29 00-0750	EA	1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod	90.47	8.95
		For Work In Restricted Working Space, Add	*5.38*	
23 05 29 00-0751	EA	1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod	96.96	9.64
		For Work In Restricted Working Space, Add	*5.77*	
23 05 29 00-0752	EA	1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod	102.16	10.22
		For Work In Restricted Working Space, Add	*6.15*	
23 05 29 00-0753	EA	1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod	108.66	10.90
		For Work In Restricted Working Space, Add	*6.54*	
23 05 29 00-0754	EA	5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	110.87	8.76
		For Work In Restricted Working Space, Add	*5.28*	
23 05 29 00-0755	EA	5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	113.88	9.05
		For Work In Restricted Working Space, Add	*5.42*	
23 05 29 00-0756	EA	5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	116.95	9.25
		For Work In Restricted Working Space, Add	*5.55*	
23 05 29 00-0757	EA	5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	118.92	9.64
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0758	EA	5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	123.50	9.93
		For Work In Restricted Working Space, Add	*5.96*	
23 05 29 00-0759	EA	5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	131.33	10.60
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0760	EA	5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	139.15	11.29
		For Work In Restricted Working Space, Add	*6.76*	
23 05 29 00-0761	EA	5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	145.67	11.97
		For Work In Restricted Working Space, Add	*7.16*	
23 05 29 00-0762	EA	3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod	141.07	9.93
		For Work In Restricted Working Space, Add	*5.98*	
23 05 29 00-0763	EA	3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod	145.48	10.22
		For Work In Restricted Working Space, Add	*6.12*	
23 05 29 00-0764	EA	3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod	148.50	10.41
		For Work In Restricted Working Space, Add	*6.26*	
23 05 29 00-0765	EA	3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod	153.09	10.80
		For Work In Restricted Working Space, Add	*6.47*	
23 05 29 00-0766	EA	3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod	160.28	11.10
		For Work In Restricted Working Space, Add	*6.67*	
23 05 29 00-0767	EA	3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod	170.72	11.78
		For Work In Restricted Working Space, Add	*7.09*	
23 05 29 00-0768	EA	3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod	181.18	12.45
		For Work In Restricted Working Space, Add	*7.50*	
23 05 29 00-0769	EA	3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod	192.98	13.24
		For Work In Restricted Working Space, Add	*7.92*	
23 05 29 00-0770	EA	7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	169.81	11.49
		For Work In Restricted Working Space, Add	*6.92*	
23 05 29 00-0771	EA	7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	175.49	11.78
		For Work In Restricted Working Space, Add	*7.06*	
23 05 29 00-0772	EA	7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	179.87	11.97
		For Work In Restricted Working Space, Add	*7.20*	
23 05 29 00-0773	EA	7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	184.47	12.36
		For Work In Restricted Working Space, Add	*7.42*	
23 05 29 00-0774	EA	7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	193.01	12.75
		For Work In Restricted Working Space, Add	*7.64*	
23 05 29 00-0775	EA	7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	207.41	13.43
		For Work In Restricted Working Space, Add	*8.07*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0776	EA	7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	220.52	14.20
		For Work In Restricted Working Space, Add	*8.50*	
23 05 29 00-0777	EA	7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	234.93	14.89
		For Work In Restricted Working Space, Add	*8.93*	
23 05 29 00-0778	EA	1" Diameter x 16" Length Shank, Linked Welded Eye Rod	217.02	13.72
		For Work In Restricted Working Space, Add	*8.24*	
23 05 29 00-0779	EA	1" Diameter x 20" Length Shank, Linked Welded Eye Rod	222.77	14.01
		For Work In Restricted Working Space, Add	*8.40*	
23 05 29 00-0780	EA	1" Diameter x 24" Length Shank, Linked Welded Eye Rod	228.50	14.31
		For Work In Restricted Working Space, Add	*8.56*	
23 05 29 00-0781	EA	1" Diameter x 30" Length Shank, Linked Welded Eye Rod	234.53	14.70
		For Work In Restricted Working Space, Add	*8.81*	
23 05 29 00-0782	EA	1" Diameter x 36" Length Shank, Linked Welded Eye Rod	245.66	15.09
		For Work In Restricted Working Space, Add	*9.05*	
23 05 29 00-0783	EA	1" Diameter x 48" Length Shank, Linked Welded Eye Rod	262.90	15.86
		For Work In Restricted Working Space, Add	*9.54*	
23 05 29 00-0784	EA	1" Diameter x 60" Length Shank, Linked Welded Eye Rod	280.12	16.74
		For Work In Restricted Working Space, Add	*10.03*	
23 05 29 00-0785	EA	1" Diameter x 72" Length Shank, Linked Welded Eye Rod	298.54	17.51
		For Work In Restricted Working Space, Add	*10.51*	

23 05 29 00-0786 Attachments *(23 05 29 00-0620)*

23 05 29 00-0787 Welded Beam Attachments (B-Line B-3083) *(23 05 29 00-0786)*

Note: Type 22.

23 05 29 00-0788	EA	3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	37.42	9.07
		For Work In Restricted Working Space, Add	*5.44*	
23 05 29 00-0789	EA	1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	39.91	9.53
		For Work In Restricted Working Space, Add	*5.73*	
23 05 29 00-0790	EA	5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	42.46	10.07
		For Work In Restricted Working Space, Add	*6.05*	
23 05 29 00-0791	EA	3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	53.64	10.71
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0792	EA	7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	64.00	11.35
		For Work In Restricted Working Space, Add	*6.80*	
23 05 29 00-0793	EA	1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	89.01	12.98
		For Work In Restricted Working Space, Add	*7.78*	
23 05 29 00-0794	EA	1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	124.89	13.61
		For Work In Restricted Working Space, Add	*8.17*	

23 05 29 00-0795 C-Clamp Style Beam Clamps (B-Line B-3034) *(23 05 29 00-0786)*

Note: Type 23. Top or bottom flange mount.

23 05 29 00-0796	EA	3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	14.52	4.96
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0797	EA	1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	17.06	6.33
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0798	EA	5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	19.21	6.81
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-0799	EA	3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	24.18	7.30
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0800	EA	7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	34.11	7.79
		For Work In Restricted Working Space, Add	*4.87*	

23 05 29 00-0801 Bottom Mount I-Beam Clamps (B-Line B-3055) *(23 05 29 00-0786)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

23 05 29 00-0802	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	36.91	6.81
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0803	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	53.18	8.76
		For Work In Restricted Working Space, Add	*5.31*	
23 05 29 00-0804	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	74.94	9.73
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0805	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	89.40	10.70
		For Work In Restricted Working Space, Add	*6.49*	
23 05 29 00-0806	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	211.47	11.68
		For Work In Restricted Working Space, Add	*7.30*	

23 05 29 00-0807 Steel U-Bolts (B-Line B-3188) *(23 05 29 00-0786)*

Note: Type 24. Includes plate and nuts.

23 05 29 00-0808	EA	1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	11.79	2.43
		For Work In Restricted Working Space, Add	*2.92*	
23 05 29 00-0809	EA	3/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	12.75	2.92
		For Work In Restricted Working Space, Add	*3.07*	
23 05 29 00-0810	EA	1" Pipe Size, Steel U-Bolt (B-Line B-3188)	13.68	2.92
		For Work In Restricted Working Space, Add	*3.24*	
23 05 29 00-0811	EA	1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	15.40	2.92
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0812	EA	1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	15.97	3.41
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0813	EA	2" Pipe Size, Steel U-Bolt (B-Line B-3188)	17.08	3.41
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0814	EA	2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	23.76	3.41
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-0815	EA	3" Pipe Size, Steel U-Bolt (B-Line B-3188)	26.12	3.89
		For Work In Restricted Working Space, Add	*4.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0816	EA	4" Pipe Size, Steel U-Bolt (B-Line B-3188)	31.23	4.37
		For Work In Restricted Working Space, Add	*4.86*	

23 05 29 00-0817 Copper Standoff Brackets With Flange *(23 05 29 00-0786)*

Note: Installed in wood, concrete, concrete block or steel.

23 05 29 00-0818	EA	Clamp Size 1/2", Copper Standoff Brackets With Flange	30.02	13.91
		For Work In Restricted Working Space, Add	*8.34*	
23 05 29 00-0819	EA	Clamp Size 3/4", Copper Standoff Brackets With Flange	30.15	13.91
		For Work In Restricted Working Space, Add	*8.34*	
23 05 29 00-0820	EA	Clamp Size 1", Copper Standoff Brackets With Flange	30.29	13.91
		For Work In Restricted Working Space, Add	*8.34*	
23 05 29 00-0821	EA	Clamp Size 1 1/4", Copper Standoff Brackets With Flange	32.25	14.79
		For Work In Restricted Working Space, Add	*8.85*	
23 05 29 00-0822	EA	Clamp Size 1 1/2", Copper Standoff Brackets With Flange	32.52	14.79
		For Work In Restricted Working Space, Add	*8.85*	

23 05 29 00-0823 Malleable Iron Eye Sockets (B-Line B-3222) *(23 05 29 00-0786)*

Note: Type 16.

23 05 29 00-0824	EA	3/8" Rod Size, Malleable Iron Eye Socket	8.17	1.46
		For Work In Restricted Working Space, Add	*0.89*	
23 05 29 00-0825	EA	1/2" Rod Size, Malleable Iron Eye Socket	10.44	1.94
		For Work In Restricted Working Space, Add	*1.17*	
23 05 29 00-0826	EA	5/8" Rod Size, Malleable Iron Eye Socket	17.38	1.94
		For Work In Restricted Working Space, Add	*1.18*	
23 05 29 00-0827	EA	3/4" Rod Size, Malleable Iron Eye Socket	24.16	1.94
		For Work In Restricted Working Space, Add	*1.17*	
23 05 29 00-0828	EA	7/8" Rod Size, Malleable Iron Eye Socket	26.23	2.43
		For Work In Restricted Working Space, Add	*1.46*	

23 05 29 00-0829 Steel Weldless Eye Nuts (B-Line B-3200) *(23 05 29 00-0786)*

Note: Type 17.

23 05 29 00-0830	EA	3/8" Rod Size, Steel Weldless Eye Nut	25.24	1.46
		For Work In Restricted Working Space, Add	*0.89*	
23 05 29 00-0831	EA	1/2" Rod Size, Steel Weldless Eye Nut	26.18	1.94
		For Work In Restricted Working Space, Add	*1.17*	
23 05 29 00-0832	EA	5/8" Rod Size, Steel Weldless Eye Nut	26.22	1.94
		For Work In Restricted Working Space, Add	*1.18*	
23 05 29 00-0833	EA	3/4" Rod Size, Steel Weldless Eye Nut	26.18	1.94
		For Work In Restricted Working Space, Add	*1.17*	
23 05 29 00-0834	EA	7/8" Rod Size, Steel Weldless Eye Nut	50.39	2.14
		For Work In Restricted Working Space, Add	*1.31*	
23 05 29 00-0835	EA	1" Rod Size, Steel Weldless Eye Nut	50.88	2.43
		For Work In Restricted Working Space, Add	*1.46*	

23 05 29 00-0836 Top Mount I-Beam Clamps (B-Line B-3042) *(23 05 29 00-0786)*

Note: For attaching threaded rod to either side of an I-beam.

23 05 29 00-0837	EA	3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	18.54	4.53
		For Work In Restricted Working Space, Add	*2.72*	
23 05 29 00-0838	EA	1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	22.12	5.00
		For Work In Restricted Working Space, Add	*3.00*	
23 05 29 00-0839	EA	5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	26.58	5.44
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0840	EA	3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	35.80	5.90
		For Work In Restricted Working Space, Add	*3.47*	
23 05 29 00-0841	EA	7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	54.13	6.81
		For Work In Restricted Working Space, Add	*4.08*	
23 05 29 00-0842	EA	3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	19.41	4.53
		For Work In Restricted Working Space, Add	*2.72*	
23 05 29 00-0843	EA	1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	23.36	5.00
		For Work In Restricted Working Space, Add	*3.00*	
23 05 29 00-0844	EA	5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	26.58	5.44
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0845	EA	3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	39.07	5.90
		For Work In Restricted Working Space, Add	*3.47*	
23 05 29 00-0846	EA	7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	59.71	6.81
		For Work In Restricted Working Space, Add	*4.08*	
23 05 29 00-0847	EA	3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	21.46	4.53
		For Work In Restricted Working Space, Add	*2.72*	
23 05 29 00-0848	EA	1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	25.66	5.00
		For Work In Restricted Working Space, Add	*3.00*	
23 05 29 00-0849	EA	5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	31.96	5.44
		For Work In Restricted Working Space, Add	*3.30*	
23 05 29 00-0850	EA	3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	45.18	5.90
		For Work In Restricted Working Space, Add	*3.47*	
23 05 29 00-0851	EA	7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	71.66	6.81
		For Work In Restricted Working Space, Add	*4.08*	

23 05 29 00-0852 Side Beam Brackets (B-Line B-3062) *(23 05 29 00-0786)*

Note: Type 34.

23 05 29 00-0853	EA	3/8" Rod Size, Side Beam Bracket	15.97	6.33
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0854	EA	1/2" Rod Size, Side Beam Bracket	18.64	6.33
		For Work In Restricted Working Space, Add	*3.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0855	EA	5/8" Rod Size, Side Beam Bracket	23.55	6.81
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-0856	EA	3/4" Rod Size, Side Beam Bracket	39.92	7.30
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0857	EA	7/8" Rod Size, Side Beam Bracket	46.48	8.27
		For Work In Restricted Working Space, Add	*4.87*	

23 05 29 00-0858 Hex Lag Bolts *(23 05 29 00-0786)*

Note: Also known as coach screws.

23 05 29 00-0859	EA	3/8" x 3-1/2" Long, Hex Lag Bolt	2.57	
		For Work In Restricted Working Space, Add	*0.61*	
23 05 29 00-0860	EA	3/8" x 4" Long, Hex Lag Bolt	2.65	
		For Work In Restricted Working Space, Add	*0.63*	
23 05 29 00-0861	EA	3/8" x 6" Long, Hex Lag Bolt	2.98	
		For Work In Restricted Working Space, Add	*0.65*	
23 05 29 00-0862	EA	3/8" x 8" Long, Hex Lag Bolt	3.57	
		For Work In Restricted Working Space, Add	*0.68*	
23 05 29 00-0863	EA	3/8" x 10" Long, Hex Lag Bolt	3.80	
		For Work In Restricted Working Space, Add	*0.70*	
23 05 29 00-0864	EA	3/8" x 12" Long, Hex Lag Bolt	4.59	
		For Work In Restricted Working Space, Add	*0.73*	
23 05 29 00-0865	EA	1/2" x 3-1/2" Long, Hex Lag Bolt	3.46	
		For Work In Restricted Working Space, Add	*0.73*	
23 05 29 00-0866	EA	1/2" x 4" Long, Hex Lag Bolt	3.61	
		For Work In Restricted Working Space, Add	*0.76*	
23 05 29 00-0867	EA	1/2" x 6" Long, Hex Lag Bolt	4.18	
		For Work In Restricted Working Space, Add	*0.79*	
23 05 29 00-0868	EA	1/2" x 8" Long, Hex Lag Bolt	4.85	
		For Work In Restricted Working Space, Add	*0.83*	
23 05 29 00-0869	EA	1/2" x 10" Long, Hex Lag Bolt	5.69	
		For Work In Restricted Working Space, Add	*0.87*	
23 05 29 00-0870	EA	1/2" x 12" Long, Hex Lag Bolt	6.10	
		For Work In Restricted Working Space, Add	*0.91*	
23 05 29 00-0871	EA	5/8" x 4" Long, Hex Lag Bolt	4.72	
		For Work In Restricted Working Space, Add	*0.81*	
23 05 29 00-0872	EA	3/4" x 5" Long, Hex Lag Bolt	5.47	
		For Work In Restricted Working Space, Add	*0.83*	

23 05 29 00-0873 Stainless Steel Threaded Rod And Rod Accessories *(23 05 29 00-0620)*

23 05 29 00-0874 304 Stainless Steel Threaded Rod *(23 05 29 00-0873)*

23 05 29 00-0875	LF	1/4" Diameter, 304 Stainless Steel Threaded Rod	2.51	0.48
		For Work In Restricted Working Space, Add	*0.29*	
23 05 29 00-0876	LF	5/16" Diameter, 304 Stainless Steel Threaded Rod	3.68	0.48
		For Work In Restricted Working Space, Add	*0.32*	
23 05 29 00-0877	LF	3/8" Diameter, 304 Stainless Steel Threaded Rod	4.61	0.58
		For Work In Restricted Working Space, Add	*0.33*	
23 05 29 00-0878	LF	7/16" Diameter, 304 Stainless Steel Threaded Rod	6.37	0.58
		For Work In Restricted Working Space, Add	*0.35*	
23 05 29 00-0879	LF	1/2" Diameter, 304 Stainless Steel Threaded Rod	7.63	0.58
		For Work In Restricted Working Space, Add	*0.37*	
23 05 29 00-0880	LF	5/8" Diameter, 304 Stainless Steel Threaded Rod	11.39	0.68
		For Work In Restricted Working Space, Add	*0.38*	
23 05 29 00-0881	LF	3/4" Diameter, 304 Stainless Steel Threaded Rod	15.90	0.68
		For Work In Restricted Working Space, Add	*0.41*	
23 05 29 00-0882	LF	7/8" Diameter, 304 Stainless Steel Threaded Rod	21.81	0.68
		For Work In Restricted Working Space, Add	*0.43*	
23 05 29 00-0883	LF	1" Diameter, 304 Stainless Steel Threaded Rod	27.93	0.77
		For Work In Restricted Working Space, Add	*0.49*	
23 05 29 00-0884	LF	1-1/4" Diameter, 304 Stainless Steel Threaded Rod	58.85	0.98
		For Work In Restricted Working Space, Add	*0.61*	

23 05 29 00-0885 304 Stainless Steel Flat Washers *(23 05 29 00-0873)*

23 05 29 00-0886	EA	3/8", 304 Stainless Steel Flat Washer	0.58	0.19
		For Work In Restricted Working Space, Add	*0.12*	
23 05 29 00-0887	EA	1/2", 304 Stainless Steel Flat Washer	1.07	0.19
		For Work In Restricted Working Space, Add	*0.14*	

23 05 29 00-0888 304 Stainless Steel Hex Nuts *(23 05 29 00-0873)*

23 05 29 00-0889	EA	3/8-16, 304 Stainless Steel Hex Nut	2.11	0.98
		For Work In Restricted Working Space, Add	*0.56*	
23 05 29 00-0890	EA	1/2-13, 304 Stainless Steel Hex Nut	2.65	0.98
		For Work In Restricted Working Space, Add	*0.61*	

23 05 29 00-0891 316 Stainless Steel U-Bolts *(23 05 29 00-0873)*

Note: Type 24. Includes nuts.

23 05 29 00-0892	EA	1/2" Pipe Size, 316 Stainless Steel U-Bolt	18.95	4.87
		For Work In Restricted Working Space, Add	*2.92*	
23 05 29 00-0893	EA	3/4" Pipe Size, 316 Stainless Steel U-Bolt	19.64	5.16
		For Work In Restricted Working Space, Add	*3.07*	
23 05 29 00-0894	EA	1" Pipe Size, 316 Stainless Steel U-Bolt	20.48	5.45
		For Work In Restricted Working Space, Add	*3.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0895	EA	1-1/4" Pipe Size, 316 Stainless Steel U-Bolt	21.40	5.74
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0896	EA	1-1/2" Pipe Size, 316 Stainless Steel U-Bolt	22.42	6.03
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0897	EA	2" Pipe Size, 316 Stainless Steel U-Bolt	27.20	6.52
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0898	EA	2-1/2" Pipe Size, 316 Stainless Steel U-Bolt	29.12	6.91
		For Work In Restricted Working Space, Add	*4.17*	
23 05 29 00-0899	EA	3" Pipe Size, 316 Stainless Steel U-Bolt	31.25	7.49
		For Work In Restricted Working Space, Add	*4.49*	
23 05 29 00-0900	EA	3-1/2" Pipe Size, 316 Stainless Steel U-Bolt	32.77	7.78
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0901	EA	4" Pipe Size, 316 Stainless Steel U-Bolt	34.53	8.08
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0902	EA	5" Pipe Size, 316 Stainless Steel U-Bolt	57.03	8.37
		For Work In Restricted Working Space, Add	*5.00*	
23 05 29 00-0903	EA	6" Pipe Size, 316 Stainless Steel U-Bolt	91.89	8.47
		For Work In Restricted Working Space, Add	*5.10*	
23 05 29 00-0904	EA	8" Pipe Size, 316 Stainless Steel U-Bolt	135.14	8.66
		For Work In Restricted Working Space, Add	*5.21*	
23 05 29 00-0905	EA	10" Pipe Size, 316 Stainless Steel U-Bolt	190.84	8.95
		For Work In Restricted Working Space, Add	*5.36*	
23 05 29 00-0906	EA	12" Pipe Size, 316 Stainless Steel U-Bolt	292.74	9.24
		For Work In Restricted Working Space, Add	*5.53*	

23 05 29 00-0907 Hanger Strap *(23 05 29 00-0620)*

23 05 29 00-0908	LF	3/4" Wide x 0.025" Thick Galvanized Hanger Strap	4.64	

23 05 29 00-0909 Shields And Saddles *(23 05 29)*

23 05 29 00-0910 Insulation Protection Shield *(23 05 29 00-0909)*

Note: Type 40.

23 05 29 00-0911 Insulation Protection Shield (Cooper B-Line B3151) *(23 05 29 00-0910)*

23 05 29 00-0912	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	15.80	2.33
		For Work In Restricted Working Space, Add	*2.34*	
23 05 29 00-0913	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	16.05	2.36
		For Work In Restricted Working Space, Add	*2.37*	
23 05 29 00-0914	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	16.47	2.39
		For Work In Restricted Working Space, Add	*2.39*	
23 05 29 00-0915	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	17.34	2.42
		For Work In Restricted Working Space, Add	*2.42*	
23 05 29 00-0916	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	19.41	2.48
		For Work In Restricted Working Space, Add	*2.48*	
23 05 29 00-0917	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	24.28	2.54
		For Work In Restricted Working Space, Add	*2.54*	
23 05 29 00-0918	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	28.66	2.60
		For Work In Restricted Working Space, Add	*2.60*	
23 05 29 00-0919	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	35.65	2.66
		For Work In Restricted Working Space, Add	*2.66*	
23 05 29 00-0920	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	46.65	2.69
		For Work In Restricted Working Space, Add	*2.69*	
23 05 29 00-0921	EA	14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	51.06	2.72
		For Work In Restricted Working Space, Add	*2.72*	
23 05 29 00-0922	EA	16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	71.47	2.75
		For Work In Restricted Working Space, Add	*2.74*	
23 05 29 00-0923	EA	18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	80.68	2.78
		For Work In Restricted Working Space, Add	*2.78*	
23 05 29 00-0924	EA	20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	152.47	2.81
		For Work In Restricted Working Space, Add	*2.81*	
23 05 29 00-0925	EA	24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	165.95	2.86
		For Work In Restricted Working Space, Add	*2.86*	
23 05 29 00-0926	EA	30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	201.21	2.92
		For Work In Restricted Working Space, Add	*2.92*	

23 05 29 00-0927 Insulation Protection Shield (Cooper B-Line B3154) *(23 05 29 00-0910)*

23 05 29 00-0928	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	13.60	2.33
		For Work In Restricted Working Space, Add	*2.34*	
23 05 29 00-0929	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	13.80	2.36
		For Work In Restricted Working Space, Add	*2.37*	
23 05 29 00-0930	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.13	2.39
		For Work In Restricted Working Space, Add	*2.39*	
23 05 29 00-0931	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.79	2.42
		For Work In Restricted Working Space, Add	*2.42*	
23 05 29 00-0932	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	16.35	2.48
		For Work In Restricted Working Space, Add	*2.48*	
23 05 29 00-0933	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	19.94	2.54
		For Work In Restricted Working Space, Add	*2.54*	
23 05 29 00-0934	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	21.58	2.60
		For Work In Restricted Working Space, Add	*2.60*	
23 05 29 00-0935	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	28.28	2.66
		For Work In Restricted Working Space, Add	*2.66*	
23 05 29 00-0936	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	34.55	2.69
		For Work In Restricted Working Space, Add	*2.69*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 05 29 00-0937 Pipe Covering Protection Saddle *(23 05 29 00-0909)*

Note: Sizes are pipe sizes.

23 05 29 00-0938 Saddle, For 1" Insulation (Cooper B-Line B3160) *(23 05 29 00-0937)*

23 05 29 00-0939	EA	3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.71	3.21
		For Work In Restricted Working Space, Add	*3.21*	
23 05 29 00-0940	EA	1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.80	3.24
		For Work In Restricted Working Space, Add	*3.24*	
23 05 29 00-0941	EA	1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.89	3.26
		For Work In Restricted Working Space, Add	*3.27*	
23 05 29 00-0942	EA	1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	26.25	3.32
		For Work In Restricted Working Space, Add	*3.32*	
23 05 29 00-0943	EA	2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	26.34	3.34
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0944	EA	2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	27.29	3.41
		For Work In Restricted Working Space, Add	*3.41*	
23 05 29 00-0945	EA	3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	30.77	3.46
		For Work In Restricted Working Space, Add	*3.46*	
23 05 29 00-0946	EA	4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	35.03	3.51
		For Work In Restricted Working Space, Add	*3.51*	
23 05 29 00-0947	EA	6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	39.82	3.62
		For Work In Restricted Working Space, Add	*3.62*	
23 05 29 00-0948	EA	8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	49.32	3.76
		For Work In Restricted Working Space, Add	*3.76*	
23 05 29 00-0949	EA	10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	55.64	3.81
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-0950	EA	12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	66.78	3.81
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0951	EA	14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	73.31	3.95
		For Work In Restricted Working Space, Add	*3.95*	

23 05 29 00-0952 Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) *(23 05 29 00-0937)*

23 05 29 00-0953	EA	3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	28.43	3.21
		For Work In Restricted Working Space, Add	*3.21*	
23 05 29 00-0954	EA	1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	28.52	3.24
		For Work In Restricted Working Space, Add	*3.24*	
23 05 29 00-0955	EA	1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	28.61	3.26
		For Work In Restricted Working Space, Add	*3.27*	
23 05 29 00-0956	EA	1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	29.73	3.32
		For Work In Restricted Working Space, Add	*3.32*	
23 05 29 00-0957	EA	2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	32.40	3.34
		For Work In Restricted Working Space, Add	*3.35*	
23 05 29 00-0958	EA	2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	35.18	3.41
		For Work In Restricted Working Space, Add	*3.41*	
23 05 29 00-0959	EA	3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	35.77	3.46
		For Work In Restricted Working Space, Add	*3.46*	
23 05 29 00-0960	EA	4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	41.18	3.46
		For Work In Restricted Working Space, Add	*3.51*	
23 05 29 00-0961	EA	6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	46.78	3.62
		For Work In Restricted Working Space, Add	*3.62*	
23 05 29 00-0962	EA	8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	56.15	3.76
		For Work In Restricted Working Space, Add	*3.76*	
23 05 29 00-0963	EA	10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	63.71	3.81
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-0964	EA	12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	76.74	3.89
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0965	EA	14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	84.48	3.95
		For Work In Restricted Working Space, Add	*3.95*	

23 05 29 00-0966 Saddle, For 2" Insulation (Cooper B-Line B3162) *(23 05 29 00-0937)*

23 05 29 00-0967	EA	3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	30.52	3.37
		For Work In Restricted Working Space, Add	*3.38*	
23 05 29 00-0968	EA	1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	30.61	3.41
		For Work In Restricted Working Space, Add	*3.41*	
23 05 29 00-0969	EA	1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	32.44	3.43
		For Work In Restricted Working Space, Add	*3.43*	
23 05 29 00-0970	EA	1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	33.48	3.49
		For Work In Restricted Working Space, Add	*3.48*	
23 05 29 00-0971	EA	2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	34.44	3.51
		For Work In Restricted Working Space, Add	*3.51*	
23 05 29 00-0972	EA	2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	34.63	3.58
		For Work In Restricted Working Space, Add	*3.57*	
23 05 29 00-0973	EA	3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	36.82	3.63
		For Work In Restricted Working Space, Add	*3.62*	
23 05 29 00-0974	EA	4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	39.00	3.68
		For Work In Restricted Working Space, Add	*3.68*	
23 05 29 00-0975	EA	6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	50.98	3.80
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-0976	EA	8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	58.34	3.95
		For Work In Restricted Working Space, Add	*3.95*	
23 05 29 00-0977	EA	10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	61.45	4.01
		For Work In Restricted Working Space, Add	*4.00*	
23 05 29 00-0978	EA	12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	84.83	4.09
		For Work In Restricted Working Space, Add	*4.08*	
23 05 29 00-0979	EA	14" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	94.49	4.15
		For Work In Restricted Working Space, Add	*4.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0980	EA	16" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	104.36	4.25
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-0981	EA	18" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	114.20	4.35
		For Work In Restricted Working Space, Add	*4.36*	
23 05 29 00-0982	EA	20" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	125.71	4.47
		For Work In Restricted Working Space, Add	*4.47*	
23 05 29 00-0983	EA	24" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	144.73	4.58
		For Work In Restricted Working Space, Add	*4.57*	

23 05 29 00-0984 Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) *(23 05 29 00-0937)*

23 05 29 00-0985	EA	1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	34.57	3.51
		For Work In Restricted Working Space, Add	*3.51*	
23 05 29 00-0986	EA	1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	36.71	3.57
		For Work In Restricted Working Space, Add	*3.57*	
23 05 29 00-0987	EA	2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	37.79	3.60
		For Work In Restricted Working Space, Add	*3.59*	
23 05 29 00-0988	EA	2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	38.94	3.66
		For Work In Restricted Working Space, Add	*3.65*	
23 05 29 00-0989	EA	3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	39.21	3.72
		For Work In Restricted Working Space, Add	*3.73*	
23 05 29 00-0990	EA	4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	46.40	3.77
		For Work In Restricted Working Space, Add	*3.78*	
23 05 29 00-0991	EA	6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	53.79	3.89
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-0992	EA	8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	63.41	4.04
		For Work In Restricted Working Space, Add	*4.03*	
23 05 29 00-0993	EA	10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	68.28	4.10
		For Work In Restricted Working Space, Add	*4.11*	
23 05 29 00-0994	EA	12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	87.03	4.18
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0995	EA	14" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	104.44	4.25
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-0996	EA	16" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	122.03	4.34
		For Work In Restricted Working Space, Add	*4.36*	
23 05 29 00-0997	EA	18" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	129.89	4.46
		For Work In Restricted Working Space, Add	*4.47*	
23 05 29 00-0998	EA	20" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	138.63	4.58
		For Work In Restricted Working Space, Add	*4.57*	
23 05 29 00-0999	EA	24" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	147.40	4.68
		For Work In Restricted Working Space, Add	*4.68*	

23 05 29 00-1000 Saddle, For 3" Insulation (Cooper B-Line B3164) *(23 05 29 00-0937)*

23 05 29 00-1001	EA	2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	39.14	3.68
		For Work In Restricted Working Space, Add	*3.68*	
23 05 29 00-1002	EA	2-1/2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	43.12	3.75
		For Work In Restricted Working Space, Add	*3.76*	
23 05 29 00-1003	EA	3" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	45.15	3.80
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-1004	EA	4" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	47.18	3.86
		For Work In Restricted Working Space, Add	*3.87*	
23 05 29 00-1005	EA	6" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	54.95	3.99
		For Work In Restricted Working Space, Add	*3.98*	
23 05 29 00-1006	EA	8" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	70.30	4.13
		For Work In Restricted Working Space, Add	*4.14*	
23 05 29 00-1007	EA	10" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	76.67	4.19
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-1008	EA	12" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	101.72	4.28
		For Work In Restricted Working Space, Add	*4.27*	
23 05 29 00-1009	EA	14" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	122.70	4.34
		For Work In Restricted Working Space, Add	*4.36*	
23 05 29 00-1010	EA	16" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	143.68	4.45
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-1011	EA	18" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	146.35	4.57
		For Work In Restricted Working Space, Add	*4.57*	
23 05 29 00-1012	EA	20" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	148.95	4.67
		For Work In Restricted Working Space, Add	*4.68*	
23 05 29 00-1013	EA	24" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	191.00	4.79
		For Work In Restricted Working Space, Add	*4.79*	

23 05 29 00-1014 Saddle, For 4" Insulation (Cooper B-Line B3165) *(23 05 29 00-0937)*

23 05 29 00-1015	EA	2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	44.79	3.76
		For Work In Restricted Working Space, Add	*3.76*	
23 05 29 00-1016	EA	2-1/2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	49.51	3.83
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-1017	EA	3" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	51.91	3.89
		For Work In Restricted Working Space, Add	*3.89*	
23 05 29 00-1018	EA	4" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	54.43	3.95
		For Work In Restricted Working Space, Add	*3.95*	
23 05 29 00-1019	EA	6" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	67.67	4.08
		For Work In Restricted Working Space, Add	*4.08*	
23 05 29 00-1020	EA	8" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	80.91	4.23
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-1021	EA	10" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	83.74	4.29
		For Work In Restricted Working Space, Add	*4.30*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1022	EA	12" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	108.97	4.38
		For Work In Restricted Working Space, Add	*4.38*	
23 05 29 00-1023	EA	14" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	133.80	4.43
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-1024	EA	16" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	158.81	4.56
		For Work In Restricted Working Space, Add	*4.55*	
23 05 29 00-1025	EA	18" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	195.79	4.67
		For Work In Restricted Working Space, Add	*4.66*	
23 05 29 00-1026	EA	20" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	232.55	4.78
		For Work In Restricted Working Space, Add	*4.79*	
23 05 29 00-1027	EA	24" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	249.15	4.90
		For Work In Restricted Working Space, Add	*4.90*	
23 05 29 00-1028	EA	30" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	262.42	5.03
		For Work In Restricted Working Space, Add	*5.04*	
23 05 29 00-1029	EA	36" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	272.22	5.16
		For Work In Restricted Working Space, Add	*5.15*	

23 05 29 00-1030 Adjustable Pipe Saddle Support (Cooper B-Line B3096) *(23 05 29 00-0909)*

23 05 29 00-1031	EA	2" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	102.99	12.16
23 05 29 00-1032	EA	3" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	108.30	14.11
23 05 29 00-1033	EA	4" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	132.18	16.06
23 05 29 00-1034	EA	5" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	137.32	17.51
23 05 29 00-1035	EA	6" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	152.34	19.47
23 05 29 00-1036	EA	8" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	171.37	24.34
23 05 29 00-1037	EA	10" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	223.58	32.60
23 05 29 00-1038	EA	12" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	269.17	48.66

23 05 29 00-1039 Pipe Stanchion Support (Cooper B-Line B3090) *(23 05 29 00-0909)*

23 05 29 00-1040	EA	2-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	129.86	12.16
23 05 29 00-1041	EA	3" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	133.33	14.11
23 05 29 00-1042	EA	3-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	142.71	15.09
23 05 29 00-1043	EA	4" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	144.98	16.06
23 05 29 00-1044	EA	5" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	152.05	17.51
23 05 29 00-1045	EA	6" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	160.45	19.47
23 05 29 00-1046	EA	8" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	204.07	24.34
23 05 29 00-1047	EA	10" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	275.62	32.60
23 05 29 00-1048	EA	12" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	355.31	48.66

23 05 29 00-1049 Pipe Saddle Support (Cooper B-Line B3095) *(23 05 29 00-0909)*

23 05 29 00-1050	EA	2-1/2" Pipe Saddle Support (Cooper B-Line B3095)	61.74	12.16
23 05 29 00-1051	EA	3" Pipe Saddle Support (Cooper B-Line B3095)	65.21	14.11
23 05 29 00-1052	EA	3-1/2" Pipe Saddle Support (Cooper B-Line B3095)	103.21	15.09
23 05 29 00-1053	EA	4" Pipe Saddle Support (Cooper B-Line B3095)	105.48	16.06
23 05 29 00-1054	EA	5" Pipe Saddle Support (Cooper B-Line B3095)	116.23	17.51
23 05 29 00-1055	EA	6" Pipe Saddle Support (Cooper B-Line B3095)	128.80	19.47
23 05 29 00-1056	EA	8" Pipe Saddle Support (Cooper B-Line B3095)	146.07	24.34
23 05 29 00-1057	EA	10" Pipe Saddle Support (Cooper B-Line B3095)	167.02	32.60
23 05 29 00-1058	EA	12" Pipe Saddle Support (Cooper B-Line B3095)	204.60	48.66

23 05 29 00-1059 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-0909)*

Note: Insert is for use as isolated protective insulation at hangers.

23 05 29 00-1060 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1059)*

23 05 29 00-1061	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.95	6.25
23 05 29 00-1062	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.18	6.25
23 05 29 00-1063	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.24	6.25
23 05 29 00-1064	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.47	6.25
23 05 29 00-1065	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.48	6.63
23 05 29 00-1066	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.15	6.82
23 05 29 00-1067	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.94	7.11
23 05 29 00-1068	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.79	7.40
23 05 29 00-1069	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.27	7.68
23 05 29 00-1070	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.13	6.63
23 05 29 00-1071	EA	8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.67	8.65
23 05 29 00-1072	EA	10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.24	10.19
23 05 29 00-1073	EA	12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	41.37	11.82
23 05 29 00-1074	EA	14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	46.33	12.21

23 05 29 00-1075 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1059)*

23 05 29 00-1076	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	11.85	4.71
23 05 29 00-1077	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.00	4.71
23 05 29 00-1078	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.29	4.81
23 05 29 00-1079	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.72	4.90
23 05 29 00-1080	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.13	4.90
23 05 29 00-1081	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.84	5.09
23 05 29 00-1082	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.67	5.29
23 05 29 00-1083	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.10	5.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1084	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.71	5.86
23 05 29 00-1085	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.67	10.09
23 05 29 00-1086	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.82	7.59
23 05 29 00-1087	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.80	8.94
23 05 29 00-1088	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.74	10.29
23 05 29 00-1089	EA	14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	38.69	12.40

23 05 29 00-1090 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1059)*

23 05 29 00-1091	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.23	5.38
23 05 29 00-1092	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.42	5.38
23 05 29 00-1093	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.96	5.48
23 05 29 00-1094	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.43	5.57
23 05 29 00-1095	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.92	5.67
23 05 29 00-1096	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.61	5.86
23 05 29 00-1097	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.58	6.05
23 05 29 00-1098	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.49	6.25
23 05 29 00-1099	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.51	6.63
23 05 29 00-1100	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.73	7.49
23 05 29 00-1101	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	40.23	12.78
23 05 29 00-1102	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	44.17	14.80
23 05 29 00-1103	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	51.06	17.49
23 05 29 00-1104	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	57.25	19.60
23 05 29 00-1105	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	64.00	22.11
23 05 29 00-1106	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	73.46	25.95
23 05 29 00-1107	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	81.57	28.83
23 05 29 00-1108	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	92.18	32.68

23 05 29 00-1109 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1059)*

23 05 29 00-1110	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.61	6.25
23 05 29 00-1111	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.82	6.25
23 05 29 00-1112	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.48	6.35
23 05 29 00-1113	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.95	6.44
23 05 29 00-1114	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.44	6.44
23 05 29 00-1115	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.30	6.73
23 05 29 00-1116	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.40	6.92
23 05 29 00-1117	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.43	7.21
23 05 29 00-1118	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.70	7.59
23 05 29 00-1119	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.42	8.65
23 05 29 00-1120	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	38.17	9.61
23 05 29 00-1121	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	45.36	11.05
23 05 29 00-1122	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	52.25	13.75
23 05 29 00-1123	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	58.77	15.09
23 05 29 00-1124	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	70.05	19.22
23 05 29 00-1125	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	75.04	20.19
23 05 29 00-1126	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	85.26	23.06
23 05 29 00-1127	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	100.72	27.87

23 05 29 00-1128 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1059)*

23 05 29 00-1129	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.95	6.44
23 05 29 00-1130	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	37.86	6.73
23 05 29 00-1131	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.22	6.73
23 05 29 00-1132	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	40.13	6.92
23 05 29 00-1133	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	41.18	7.11
23 05 29 00-1134	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	42.38	7.21
23 05 29 00-1135	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	44.54	7.40
23 05 29 00-1136	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	46.46	7.88
23 05 29 00-1137	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	51.04	8.17
23 05 29 00-1138	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	58.36	10.00
23 05 29 00-1139	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	74.50	10.95
23 05 29 00-1140	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	88.42	11.54
23 05 29 00-1141	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	101.99	14.89
23 05 29 00-1142	EA	14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	114.59	15.86
23 05 29 00-1143	EA	16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	138.18	21.14
23 05 29 00-1144	EA	18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	148.71	23.06
23 05 29 00-1145	EA	20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	168.31	24.99
23 05 29 00-1146	EA	24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	197.82	30.76

23 05 29 00-1147 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1059)*

23 05 29 00-1148	EA	1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.61	6.25
23 05 29 00-1149	EA	3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.49	7.59
23 05 29 00-1150	EA	1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.40	7.59
23 05 29 00-1151	EA	1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.94	7.68
23 05 29 00-1152	EA	1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.61	7.78
23 05 29 00-1153	EA	2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.50	8.08
23 05 29 00-1154	EA	2-1/2" Diameter Pipe, 3-1/2" 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.86	8.36
23 05 29 00-1155	EA	3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.03	8.65

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1156	EA	4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.86	9.13
23 05 29 00-1157	EA	6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.29	10.38
23 05 29 00-1158	EA	8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	45.78	11.54
23 05 29 00-1159	EA	10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	54.43	13.27
23 05 29 00-1160	EA	12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.69	16.53
23 05 29 00-1161	EA	14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	70.53	18.07
23 05 29 00-1162	EA	16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	84.07	23.06
23 05 29 00-1163	EA	18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	90.06	24.22
23 05 29 00-1164	EA	20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	102.38	27.68
23 05 29 00-1165	EA	24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	120.88	33.45

23 05 29 00-1166 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate *(23 05 29 00-1059)*

23 05 29 00-1167	EA	1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.08	8.46
23 05 29 00-1168	EA	3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.37	8.46
23 05 29 00-1169	EA	1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.27	8.55
23 05 29 00-1170	EA	1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.99	8.65
23 05 29 00-1171	EA	1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	27.52	8.65
23 05 29 00-1172	EA	2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.05	9.22
23 05 29 00-1173	EA	2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.20	9.32
23 05 29 00-1174	EA	3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.63	9.71
23 05 29 00-1175	EA	4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.70	10.29
23 05 29 00-1176	EA	6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.69	11.63
23 05 29 00-1177	EA	8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	50.77	12.59
23 05 29 00-1178	EA	10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	61.25	15.00
23 05 29 00-1179	EA	12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	70.54	18.65
23 05 29 00-1180	EA	14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	79.37	20.28
23 05 29 00-1181	EA	16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	94.64	25.95
23 05 29 00-1182	EA	18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	101.26	27.20
23 05 29 00-1183	EA	20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	113.94	31.14
23 05 29 00-1184	EA	24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	136.01	37.68
23 05 29 00-1185	EA	26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	155.50	44.30
23 05 29 00-1186	EA	28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	177.44	52.29
23 05 29 00-1187	EA	30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	201.44	61.80
23 05 29 00-1188	EA	42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	290.04	95.43
23 05 29 00-1189	EA	44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	312.97	105.05
23 05 29 00-1190	EA	46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	333.86	113.41

23 05 29 00-1191 Equipment Housekeeping Pads *(23 05 29)*

See CSI section 03 31 13 00-0002 for Concrete Equipment Pads.

23 05 29 00-1192 Molded Plastic Condenser Pad *(23 05 29 00-1191)*

23 05 29 00-1193	EA	30" Round Molded Plastic Pad	68.73	12.16
23 05 29 00-1194	EA	30" Octagon Molded Plastic Pad	71.65	12.16
23 05 29 00-1195	EA	30" x 30" Molded Plastic Pad	68.73	12.16
23 05 29 00-1196	EA	36" x 36" Molded Plastic Pad	86.23	12.16
23 05 29 00-1197	EA	36" x 48" Molded Plastic Pad	118.97	12.16

23 05 29 00-1198 Inertia Base *(23 05 29 00-1191)*

Note: Includes spring isolators.

23 05 29 00-1199	EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base	1,099.11
23 05 29 00-1200	EA	>12 To 16 SF Inertia Base, 8" Thick With Spring Base	1,325.82
23 05 29 00-1201	EA	>16 To 20 SF Inertia Base, 8" Thick With Spring Base	1,518.46
23 05 29 00-1202	EA	>20 To 24 SF Inertia Base, 8" Thick With Spring Base	1,733.82

23 05 29 00-1203 Hanger Assemblies *(23 05 29)*

Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.

23 05 29 00-1204	EA	1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	42.29	15.12
		For Work In Restricted Working Space, Add	*9.74*	
23 05 29 00-1205	EA	3/4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	44.08	16.02
		For Work In Restricted Working Space, Add	*10.27*	
23 05 29 00-1206	EA	1" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	45.55	16.97
		For Work In Restricted Working Space, Add	*10.69*	
23 05 29 00-1207	EA	1-1/4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	46.44	17.00
		For Work In Restricted Working Space, Add	*10.85*	
23 05 29 00-1208	EA	1-1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	46.75	17.00
		For Work In Restricted Working Space, Add	*10.85*	
23 05 29 00-1209	EA	2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	47.88	17.13
		For Work In Restricted Working Space, Add	*11.01*	
23 05 29 00-1210	EA	2-1/2" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	54.54	17.70
		For Work In Restricted Working Space, Add	*10.82*	
23 05 29 00-1211	EA	3" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	56.63	18.21
		For Work In Restricted Working Space, Add	*10.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1212	EA	4" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	68.27	20.56
		For Work In Restricted Working Space, Add	*12.13*	
23 05 29 00-1213	EA	6" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	101.54	26.57
		For Work In Restricted Working Space, Add	*15.94*	
23 05 29 00-1214	EA	8" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	120.18	30.82
		For Work In Restricted Working Space, Add	*18.49*	
23 05 29 00-1215	EA	10" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	167.93	39.15
		For Work In Restricted Working Space, Add	*23.20*	
23 05 29 00-1216	EA	12" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	186.85	42.13
		For Work In Restricted Working Space, Add	*25.32*	

23 05 29 00-1217 Steel Shapes For Hanger Devices *(23 05 29)*

23 05 29 00-1218 Angle Iron For Hanger Devices *(23 05 29 00-1217)*

23 05 29 00-1219	LF	1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices	2.29	1.42
23 05 29 00-1220	LF	3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices	2.99	1.76
23 05 29 00-1221	LF	1" x 1" x 1/8" Angle Iron For Hanger Devices	3.68	2.11
23 05 29 00-1222	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices	5.09	2.64
23 05 29 00-1223	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices	5.69	2.82
23 05 29 00-1224	LF	2" x 2" x 1/4" Angle Iron For Hanger Devices	7.66	3.17
23 05 29 00-1225	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices	9.53	3.86
23 05 29 00-1226	LF	3" x 2" x 3/8" Angle Iron For Hanger Devices	12.37	4.53
23 05 29 00-1227	LF	3" x 3" x 3/8" Angle Iron For Hanger Devices	14.77	5.29

23 05 29 00-1228 Channels For Hanger Devices *(23 05 29 00-1217)*

23 05 29 00-1229	LF	C2 X 1.78 - 2" Wide (Channels) For Hanger Devices	6.48	3.44
23 05 29 00-1230	LF	C3 X 4.1 - 3" Wide (Channels) For Hanger Devices	11.00	4.95
23 05 29 00-1231	LF	C4 X 5.4 - 4" Wide (Channels) For Hanger Devices	13.73	5.95
23 05 29 00-1232	LF	C5 X 6.7 - 5" Wide (Channels) For Hanger Devices	16.43	6.93
23 05 29 00-1233	LF	C6 X 8.2 - 6" Wide (Channels) For Hanger Devices	19.90	8.32
23 05 29 00-1234	LF	C7 X 9.8 - 7" Wide (Channels) For Hanger Devices	23.73	9.91
23 05 29 00-1235	LF	C8 X 11.5 - 8" Wide (Channels) For Hanger Devices	26.87	10.90

23 05 29 00-1236 Structural Bar Tees For Hanger Devices *(23 05 29 00-1217)*

23 05 29 00-1237	LF	3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices	7.29	4.84
23 05 29 00-1238	LF	1" x 1" x 1/8" Structural Bar Tee For Hanger Devices	8.78	5.72
23 05 29 00-1239	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices	12.43	6.60
23 05 29 00-1240	LF	2" x 2" x 1/4" Structural Bar Tee For Hanger Devices	16.02	8.81
23 05 29 00-1241	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices	21.84	10.57
23 05 29 00-1242	LF	3" x 3" x 3/8" Structural Bar Tee For Hanger Devices	27.40	13.65

23 05 29 00-1243 Structural Zees For Hanger Devices *(23 05 29 00-1217)*

23 05 29 00-1244	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices	12.44	6.60
23 05 29 00-1245	LF	2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices	14.85	6.60
23 05 29 00-1246	LF	3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices	21.67	6.60
23 05 29 00-1247	LF	3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices	27.30	6.60
23 05 29 00-1248	LF	3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices	33.17	6.60

23 05 29 00-1249 Junior I-beams For Hanger Devices *(23 05 29 00-1217)*

23 05 29 00-1250	LF	3" I-beam (Junior) For Hanger Devices	15.58	9.69
23 05 29 00-1251	LF	4" I-beam (Junior) For Hanger Devices	17.89	10.57
23 05 29 00-1252	LF	5" I-beam (Junior) For Hanger Devices	20.60	11.45
23 05 29 00-1253	LF	6" I-beam (Junior) For Hanger Devices	22.50	12.77
23 05 29 00-1254	LF	7" I-beam (Junior) For Hanger Devices	26.64	13.65
23 05 29 00-1255	LF	8" I-beam (Junior) For Hanger Devices	28.83	14.53

23 05 33 Heat Tracing For HVAC Piping *(23 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

23 05 48 Vibration and Seismic Controls for HVAC *(23 05)*

23 05 48 13 Vibration Controls for HVAC *(23 05 48)*

23 05 48 13-0001 Unhoused Stable Steel Spring Isolators *(23 05 48 13)*

Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.

23 05 48 13-0002	EA	60 LB Unhoused Steel Spring Isolator	112.64	27.24
23 05 48 13-0003	EA	115 LB Unhoused Steel Spring Isolator	122.02	27.24
23 05 48 13-0004	EA	1,130 LB Unhoused Steel Spring Isolator	153.13	27.24

23 05 48 13-0005 Housed Stable Steel Spring Isolators *(23 05 48 13)*

Note: Includes leveling adjustment, top plate, base plate and pad. For use with floor mounted equipment only.
Mason Industries, Inc.

23 05 48 13-0006	EA	To 770 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	391.27	27.24
23 05 48 13-0007	EA	To 1,040 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	443.15	27.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0008	EA	To 1,600 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	469.09	27.24
23 05 48 13-0009	EA	To 2,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	572.85	27.24
23 05 48 13-0010	EA	To 3,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	598.79	27.24
23 05 48 13-0011	EA	To 730 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	436.67	27.24
23 05 48 13-0012	EA	To 930 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	482.06	27.24
23 05 48 13-0013	EA	To 1,440 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	514.49	27.24
23 05 48 13-0014	EA	To 1,860 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	663.64	27.24
23 05 48 13-0015	EA	To 2,880 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	722.01	27.24
23 05 48 13-0016	EA	To 3,720 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	858.19	27.24
23 05 48 13-0017		Vibration Isolators *(23 05 48 13)*		
23 05 48 13-0018		Spring And Rubber Hanger For 1" Deflection *(23 05 48 13-0017)*		
23 05 48 13-0019	EA	50-500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	172.75	17.51
23 05 48 13-0020	EA	600-1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	386.11	19.47
23 05 48 13-0021		Rubber-In-Shear Isolator Hanger *(23 05 48 13-0017)*		
23 05 48 13-0022	EA	45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	89.60	14.60
23 05 48 13-0023	EA	130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	118.03	17.51
23 05 48 13-0024		Spring Hanger For 1" Deflection *(23 05 48 13-0017)*		
23 05 48 13-0025	EA	50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	100.42	17.51
23 05 48 13-0026		Rubber-In-Shear Vibration Isolator *(23 05 48 13-0017)*		
23 05 48 13-0027	EA	45-340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection	184.19	33.09
23 05 48 13-0028	EA	130-700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection	267.22	33.09
23 05 48 13-0029	EA	550-1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection	552.13	33.09
23 05 48 13-0030		Two-Piece Spring Type Vibration Isolator *(23 05 48 13-0017)*		
		Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 13-0031	EA	50 - 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	149.20	33.09
23 05 48 13-0032	EA	>1,000 - 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	155.39	33.09
23 05 48 13-0033		Open Double Spring Type Vibration Isolator *(23 05 48 13-0017)*		
		Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 13-0034	EA	150-450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	128.38	16.55
23 05 48 13-0035	EA	500-1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	128.38	16.55
23 05 48 13-0036	EA	1,100-1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	149.01	16.55
23 05 48 13-0037	EA	1,700-2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	149.01	16.55
23 05 48 13-0038	EA	2,500-3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	242.28	16.55
23 05 48 13-0039		Isolation Pads *(23 05 48 13-0017)*		
23 05 48 13-0040		Laminated Neoprene And Cork Isolation Pad *(23 05 48 13-0039)*		
23 05 48 13-0041	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	6.07	2.43
23 05 48 13-0042	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	7.96	2.54
23 05 48 13-0043	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	10.12	2.63
23 05 48 13-0044	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	42.39	3.02
23 05 48 13-0045	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	81.88	3.41
23 05 48 13-0046		Neoprene And Steel Plate Isolation Pad *(23 05 48 13-0039)*		
23 05 48 13-0047	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	53.30	2.43
23 05 48 13-0048	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	58.64	2.43
23 05 48 13-0049		Neoprene Isolation Pad *(23 05 48 13-0039)*		
23 05 48 13-0050	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	5.61	2.43
23 05 48 13-0051	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	6.47	2.43
23 05 48 13-0052	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	7.85	2.43
23 05 48 13-0053	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	41.69	2.92
23 05 48 13-0054	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	76.88	3.41
23 05 48 13-0055		Ribbed Neoprene Isolation Pad *(23 05 48 13-0039)*		
23 05 48 13-0056	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	5.49	2.43
23 05 48 13-0057	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	6.24	2.54
23 05 48 13-0058	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	7.45	2.63
23 05 48 13-0059	EA	6" x 6", 3/8" Thick Ribbed Neoprene Isolation Pad	10.34	2.83
23 05 48 13-0060	EA	9" x 9", 3/8" Thick Ribbed Neoprene Isolation Pad	18.36	3.02
23 05 48 13-0061	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	34.36	3.41
23 05 48 13-0062		Cork And Ribbed Neoprene Isolation Pad *(23 05 48 13-0039)*		
23 05 48 13-0063	EA	2" x 2", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	5.76	2.43
23 05 48 13-0064	EA	3" x 3", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	7.51	2.54
23 05 48 13-0065	EA	4" x 4", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	9.44	2.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0066	EA	6" x 6", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	13.32	2.83
23 05 48 13-0067	EA	9" x 9", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	24.76	3.02
23 05 48 13-0068	EA	18" x 18", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	53.48	3.41
23 05 48 13-0069		**Cork, Ribbed Neoprene And Steel Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0070	EA	2" x 2", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	44.94	2.43
23 05 48 13-0071	EA	3" x 3", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	56.25	2.54
23 05 48 13-0072	EA	4" x 4", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	74.36	2.63
23 05 48 13-0073	EA	5" x 5", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	94.93	2.83
23 05 48 13-0074	EA	6" x 6", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	116.24	3.02
23 05 48 13-0075	EA	8" x 8", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	141.09	3.41
23 05 48 13-0076		**Rubber Cube Isolation Pad** *(23 05 48 13-0039)*		
23 05 48 13-0077	EA	2" x 2", 3/4" Thick Rubber Cube Isolation Pad	5.85	2.43
23 05 48 13-0078	EA	4" x 4", 3/4" Thick Rubber Cube Isolation Pad	9.53	2.63
23 05 48 13-0079	EA	18" x 18", 3/4" Thick Rubber Cube Isolation Pad	63.58	3.41
23 05 48 13-0080		**Threaded Flexible Bronze Hose Connectors** *(23 05 48 13)*		
		Note: Includes hex threaded nipple ends.		
23 05 48 13-0081	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	84.68	15.57
23 05 48 13-0082	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	95.59	21.41
23 05 48 13-0083	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	117.83	26.28
23 05 48 13-0084	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	136.30	31.15
23 05 48 13-0085	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	155.42	40.87
23 05 48 13-0086	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	174.34	43.50
23 05 48 13-0087	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	236.74	51.58
23 05 48 13-0088	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	334.32	80.39
23 05 48 13-0089		**Weld End Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0090	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends	214.18	55.86
23 05 48 13-0091	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends	250.26	61.32
23 05 48 13-0092	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends	282.21	64.92
23 05 48 13-0093	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends	315.55	73.96
23 05 48 13-0094	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends	357.95	79.81
23 05 48 13-0095	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends	449.36	103.84
23 05 48 13-0096	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends	675.39	116.79
23 05 48 13-0097	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends	834.08	131.38
23 05 48 13-0098	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends	1,154.04	194.64
23 05 48 13-0099		**Flanged Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0100		**Flanged Flexible Molded Rubber Hose Connectors** *(23 05 48 13-0099)*		
		Note: With helical wire reinforcement 150 PSI.		
23 05 48 13-0101	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	255.50	73.00
23 05 48 13-0102	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	274.68	81.07
23 05 48 13-0103	EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	420.42	161.95
23 05 48 13-0104	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	566.00	240.88
23 05 48 13-0105	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	742.05	310.95
23 05 48 13-0106	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	996.87	316.03
23 05 48 13-0107	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,233.18	360.96
23 05 48 13-0108	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,632.54	429.55
23 05 48 13-0109	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	3,524.68	537.25
23 05 48 13-0110		**Flanged Flexible Corrugated Stainless Steel Hose Connectors** *(23 05 48 13-0099)*		
		Note: With braided metal wire.		
23 05 48 13-0111	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	190.60	66.38
23 05 48 13-0112	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	161.62	91.28
23 05 48 13-0113	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	357.57	121.66
23 05 48 13-0114	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	442.50	182.48
23 05 48 13-0115	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	471.89	200.78
23 05 48 13-0116	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	540.00	243.11
23 05 48 13-0117	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	691.17	311.24
23 05 48 13-0118	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	969.65	378.48
23 05 48 13-0119	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,703.49	505.65
23 05 48 13-0120	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,014.69	584.71
23 05 48 13-0121	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,704.03	632.07
23 05 48 13-0122		**Flanged Flexible Molded Teflon Hose Connectors** *(23 05 48 13-0099)*		
		Note: 150 PSI.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0123	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,276.23	141.12
23 05 48 13-0124	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,425.74	165.45
23 05 48 13-0125	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,138.53	278.07
23 05 48 13-0126	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,582.86	316.03
23 05 48 13-0127	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	3,445.91	387.67
23 05 48 13-0128		Flexible Hose Connectors Braided Metal Hose Type, Bronze *(23 05 48 13)*		
23 05 48 13-0129		Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 13-0128)*		
		Note: MPT connection.		
23 05 48 13-0130	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	52.31	1.94
23 05 48 13-0131	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	63.08	1.94
23 05 48 13-0132	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	69.57	2.53
23 05 48 13-0133	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	85.43	2.53
23 05 48 13-0134	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	70.40	2.33
23 05 48 13-0135	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	85.77	2.33
23 05 48 13-0136	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	97.50	3.02
23 05 48 13-0137	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	121.43	3.02
23 05 48 13-0138	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	96.66	2.73
23 05 48 13-0139	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	106.09	2.73
23 05 48 13-0140	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	125.47	3.60
23 05 48 13-0141	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	160.46	3.60
23 05 48 13-0142	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	195.20	3.60
23 05 48 13-0143	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	230.04	3.60
23 05 48 13-0144	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	138.27	3.49
23 05 48 13-0145	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	152.95	3.49
23 05 48 13-0146	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	197.73	3.49
23 05 48 13-0147	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	275.23	4.66
23 05 48 13-0148	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	320.35	4.66
23 05 48 13-0149	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	380.38	4.66
23 05 48 13-0150	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	190.13	4.21
23 05 48 13-0151	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	220.82	4.21
23 05 48 13-0152	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	280.28	4.21
23 05 48 13-0153	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	373.84	5.64
23 05 48 13-0154	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	464.46	5.64
23 05 48 13-0155	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	555.00	5.64
23 05 48 13-0156	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	265.28	5.28
23 05 48 13-0157	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	303.09	5.01
23 05 48 13-0158	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	341.28	5.01
23 05 48 13-0159	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	420.11	6.72
23 05 48 13-0160	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	496.91	6.72
23 05 48 13-0161	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	571.32	6.72
23 05 48 13-0162	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	420.14	6.72
23 05 48 13-0163	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	471.16	6.72
23 05 48 13-0164	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	408.06	6.72
23 05 48 13-0165	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	492.23	8.95
23 05 48 13-0166	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	731.80	8.95
23 05 48 13-0167	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	832.19	8.95
23 05 48 13-0168	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	774.89	7.58
23 05 48 13-0169	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	834.51	7.58
23 05 48 13-0170	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	894.11	7.58
23 05 48 13-0171	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,019.91	10.11
23 05 48 13-0172	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,138.67	10.11
23 05 48 13-0173	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,259.98	10.11
23 05 48 13-0174		Braided Stainless Steel Flexible Hose Connectors *(23 05 48 13-0128)*		
		Note: Over braided carbon steel connection.		
23 05 48 13-0175	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	227.64	4.26
23 05 48 13-0176	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	276.41	4.26
23 05 48 13-0177	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	324.26	4.26
23 05 48 13-0178	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	424.29	5.72
23 05 48 13-0179	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	521.30	5.72
23 05 48 13-0180	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	618.19	5.72
23 05 48 13-0181	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	257.82	5.01
23 05 48 13-0182	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	308.80	5.01
23 05 48 13-0183	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	360.00	5.01
23 05 48 13-0184	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	466.10	6.72
23 05 48 13-0185	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	568.09	6.72
23 05 48 13-0186	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	668.67	6.72
23 05 48 13-0187	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	271.52	6.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0188	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	329.91	6.89
23 05 48 13-0189	LF	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	389.14	6.72
23 05 48 13-0190	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	515.27	8.95
23 05 48 13-0191	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	633.08	8.95
23 05 48 13-0192	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	754.25	8.95
23 05 48 13-0193	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	548.00	13.07
23 05 48 13-0194	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	818.05	13.16
23 05 48 13-0195	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,097.53	17.33
23 05 48 13-0196	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,367.70	17.33
23 05 48 13-0197	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,637.79	17.33
23 05 48 13-0198	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	959.69	15.40
23 05 48 13-0199	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,164.01	15.40
23 05 48 13-0200	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,579.50	20.03
23 05 48 13-0201	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,984.82	20.03
23 05 48 13-0202	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,390.04	20.03
23 05 48 13-0203	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,023.59	19.25
23 05 48 13-0204	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,534.41	19.25
23 05 48 13-0205	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,056.43	25.07
23 05 48 13-0206	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,569.03	25.07
23 05 48 13-0207	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,079.47	25.07
23 05 48 13-0208	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,054.87	23.27
23 05 48 13-0209	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,692.36	23.27
23 05 48 13-0210	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,364.80	31.32
23 05 48 13-0211	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	4,007.89	31.32
23 05 48 13-0212	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	4,653.97	31.32

23 05 48 13-0213 Braided Metal Hose Type Flexible Bronze Hose Connectors *(23 05 48 13-0128)*

Note: Flanged end connection (carbon steel ends).

23 05 48 13-0214	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	182.90	4.21
23 05 48 13-0215	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	397.71	119.37
23 05 48 13-0216	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	472.81	119.37
23 05 48 13-0217	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	547.92	119.37
23 05 48 13-0218	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	623.05	119.37
23 05 48 13-0219	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	387.18	152.24
23 05 48 13-0220	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	466.32	152.24
23 05 48 13-0221	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	545.50	152.24
23 05 48 13-0222	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	624.70	152.24
23 05 48 13-0223	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	702.52	152.24
23 05 48 13-0224	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	562.07	255.22
23 05 48 13-0225	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	654.45	255.86
23 05 48 13-0226	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	748.33	255.22
23 05 48 13-0227	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	853.29	255.22
23 05 48 13-0228	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	933.50	255.22
23 05 48 13-0229	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	835.48	326.70
23 05 48 13-0230	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,044.79	326.70

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0231	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,254.22	327.87
23 05 48 13-0232	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,463.56	326.70
23 05 48 13-0233	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,672.87	326.70
23 05 48 13-0234	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,297.41	393.64
23 05 48 13-0235	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,455.76	393.64
23 05 48 13-0236	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,769.71	393.64
23 05 48 13-0237	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,083.78	393.64
23 05 48 13-0238	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,397.71	393.64
23 05 48 13-0239	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,039.83	479.21
23 05 48 13-0240	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,434.34	479.21
23 05 48 13-0241	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,831.50	479.21
23 05 48 13-0242	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,227.82	479.21
23 05 48 13-0243	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,548.11	479.21
23 05 48 13-0244	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,733.10	581.90
23 05 48 13-0245	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,233.73	581.90
23 05 48 13-0246	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,734.32	581.90
23 05 48 13-0247	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,234.92	581.90
23 05 48 13-0248	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,735.55	581.90

23 05 53 Identification For HVAC Piping And Equipment *(23 05)*

23 05 53 00-0001 Systems Identification *(23 05 53)*

23 05 53 00-0002 Pipe Marker Snap-On Type Plastic *(23 05 53 00-0001)*

Note: Outside diameters include insulation where necessary.

23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker	11.84
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker	12.08
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker	12.21
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker	12.41
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker	13.78
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker	14.22
23 05 53 00-0009	EA	2-1/2" Outside Diameter Snap-On Plastic Marker	20.01
23 05 53 00-0010	EA	3" Outside Diameter Snap-On Plastic Marker	20.35
23 05 53 00-0011	EA	3-1/2" Outside Diameter Snap-On Plastic Marker	20.72
23 05 53 00-0012	EA	4" Outside Diameter Snap-On Plastic Marker	20.93
23 05 53 00-0013	EA	4-1/2" Outside Diameter Snap-On Plastic Marker	21.14
23 05 53 00-0014	EA	5" Outside Diameter Snap-On Plastic Marker	21.35
23 05 53 00-0015	EA	6" Outside Diameter Snap-On Plastic Marker	22.23
23 05 53 00-0016	EA	7" Outside Diameter Snap-On Plastic Marker	22.46
23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker	26.43
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker	27.73
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker	32.26
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker	36.90

23 05 53 00-0021 Pipe Markers Pressure-Sensitive *(23 05 53 00-0001)*

Note: Stick on include arrow tape. Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	11.02
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	11.50
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.48
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	12.68
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.51
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.80
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.49
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.88
23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.17
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.47
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.07
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.72
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.31
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	18.87
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.75
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.83
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	25.46

23 05 53 00-0039 Valve Identification Tag *(23 05 53 00-0001)*

Note: Includes beaded chain and/or "S" hook.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass	9.34	
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic	8.91	
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass	8.78	

23 05 66 Anti-Microbial Ultraviolet Emitters For HVAC Ducts And Equipment *(23 05)*

23 05 66 00-0001 Double Ended Ultraviolet HVAC Microbial Control Fixtures *(23 05 66)*

23 05 66 00-0002	EA	24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO) Note: Includes tube.	524.95	69.83
23 05 66 00-0003	EA	30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO) Note: Includes tube.	528.40	72.82
23 05 66 00-0004	EA	36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO) Note: Includes tube.	553.02	76.51
23 05 66 00-0005	EA	42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO) Note: Includes tube.	596.59	79.80
23 05 66 00-0006	EA	62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO) Note: Includes tube.	679.62	82.29

23 05 66 00-0007 Single Ended Ultraviolet HVAC Microbial Control Fixtures *(23 05 66)*

23 05 66 00-0008	EA	12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO) Note: Includes tube.	433.20	46.09
23 05 66 00-0009	EA	16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO) Note: Includes tube.	441.58	49.87
23 05 66 00-0010	EA	20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO) Note: Includes tube.	450.17	52.87
23 05 66 00-0011	EA	24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO) Note: Includes tube.	451.44	56.86
23 05 66 00-0012	EA	30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO) Note: Includes tube.	470.06	59.85
23 05 66 00-0013	EA	36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO) Note: Includes tube.	481.67	62.85
23 05 66 00-0014	EA	42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO) Note: Includes tube.	493.35	66.83
23 05 66 00-0015	EA	12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO) Note: Includes tube.	504.88	46.09
23 05 66 00-0016	EA	16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO) Note: Includes tube.	513.27	49.87
23 05 66 00-0017	EA	20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO) Note: Includes tube.	521.85	52.87
23 05 66 00-0018	EA	24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO) Note: Includes tube.	523.12	56.86
23 05 66 00-0019	EA	30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO) Note: Includes tube.	541.74	59.85
23 05 66 00-0020	EA	36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO) Note: Includes tube.	553.36	62.85
23 05 66 00-0021	EA	42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO) Note: Includes tube.	565.03	66.83
23 05 66 00-0022	EA	16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO) Note: Includes tube.	357.29	49.87
23 05 66 00-0023	EA	20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO) Note: Includes tube.	365.87	52.87
23 05 66 00-0024	EA	24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO) Note: Includes tube.	367.15	56.86
23 05 66 00-0025	EA	30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO) Note: Includes tube.	385.76	59.85
23 05 66 00-0026	EA	36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO) Note: Includes tube.	397.38	62.85
23 05 66 00-0027	EA	42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) Note: Includes tube.	409.06	66.83

23 05 66 00-0028 Fan Coil Unit Ultraviolet Microbial Control Fixtures *(23 05 66)*

23 05 66 00-0029	EA	16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	323.43	63.84
23 05 66 00-0030	EA	20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	331.77	66.83
23 05 66 00-0031	EA	24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	340.08	69.83
23 05 66 00-0032	EA	30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	350.58	72.82
23 05 66 00-0033	EA	36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	363.56	76.51
23 05 66 00-0034	EA	42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	375.24	79.80

23 05 66 00-0035 Ultraviolet HVAC Microbial Control Replacement Parts *(23 05 66)*

23 05 66 00-0036	EA	18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO)	85.45	
23 05 66 00-0037	EA	24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO)	89.73	
23 05 66 00-0038	EA	30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO)	100.94	
23 05 66 00-0039	EA	36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO)	115.26	
23 05 66 00-0040	EA	42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO)	129.87	
23 05 66 00-0041	EA	62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO)	157.82	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0042	EA	12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO)	82.45	
23 05 66 00-0043	EA	16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO)	86.86	
23 05 66 00-0044	EA	20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO)	91.45	
23 05 66 00-0045	EA	24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO)	88.73	
23 05 66 00-0046	EA	30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO)	103.36	
23 05 66 00-0047	EA	36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO)	110.97	
23 05 66 00-0048	EA	42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO)	118.66	
23 05 66 00-0049	EA	Replacement Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire)	240.63	

23 05 66 00-0050 Ultraviolet HVAC Microbial Control Mounting Accessories *(23 05 66)*

23 05 66 00-0051	EA	Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610) Note: Includes 61" emitter, power supply, wires and connectors.	438.92	
23 05 66 00-0052	EA	Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620) Note: Includes 61" emitter, power supply, wires and connectors.	551.20	
23 05 66 00-0053	EA	Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1) Note: Includes power supply, wires and connectors. Excludes emitter.	265.56	
23 05 66 00-0054	EA	Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2) Note: Includes power supply, wires and connectors. Excludes emitter.	279.30	
23 05 66 00-0055	EA	Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3) Note: Includes power supply, wires and connectors. Excludes emitter.	339.02	
23 05 66 00-0056	EA	Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4) Note: Includes power supply, wires and connectors. Excludes emitter.	218.31	
23 05 66 00-0057	EA	Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5) Note: Includes power supply, wires and connectors. Excludes emitter.	235.22	
23 05 66 00-0058	EA	16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6) Note: Includes power supply, wires and connectors. Excludes emitter.	312.32	
23 05 66 00-0059	EA	12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7) Note: Includes power supply, wires and connectors. Excludes emitter.	308.41	
23 05 66 00-0060	LF	30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101)	11.74	
23 05 66 00-0061	EA	Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111)	40.39	
23 05 66 00-0062	EA	Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112)	14.69	
23 05 66 00-0063	EA	Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113)	14.01	
23 05 66 00-0064	EA	Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104)	37.60	
23 05 66 00-0065	EA	Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114)	41.26	
23 05 66 00-0066	EA	Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108)	36.92	
23 05 66 00-0067	EA	Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115)	30.42	
23 05 66 00-0068	EA	ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109)	28.87	
23 05 66 00-0069	EA	DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223)	16.73	
23 05 66 00-0070	EA	DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603)	32.15	
23 05 66 00-0071	EA	Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100)	16.79	
23 05 66 00-0072	EA	480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503)	61.63	
23 05 66 00-0073	EA	Interlock Switch (16 Amps At 125 Volt, 10 Amps At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120)	64.54	

23 05 93 Testing, Adjusting, And Balancing For HVAC *(23 05)*

Note: New systems include all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems.

23 05 93 00-0001 Heating And Ventilating Equipment *(23 05 93)*

23 05 93 00-0002	EA	Balancing Centrifugal Fans	415.37	
		For Testing Of Unit Without Balancing, Deduct		*-207.69*
23 05 93 00-0003	EA	Balancing Heating And Ventilating Units	519.00	
		For Testing Of Unit Without Balancing, Deduct		*-259.50*
23 05 93 00-0004	EA	Balancing In Line Fan	467.29	
		For Testing Of Unit Without Balancing, Deduct		*-233.65*
23 05 93 00-0005	EA	Balancing Propeller And Wall Fan	103.84	
		For Testing Of Unit Without Balancing, Deduct		*-51.92*
23 05 93 00-0006	EA	Balancing Roof Exhaust Fan	311.51	
		For Testing Of Unit Without Balancing, Deduct		*-155.76*
23 05 93 00-0007	EA	Balancing Wall Fan	77.86	
		For Testing Of Unit Without Balancing, Deduct		*-38.93*
23 05 93 00-0008	EA	Balancing Fan Section Exhaust	414.71	
		For Testing Of Unit Without Balancing, Deduct		*-207.36*

23 05 93 00-0009 Air Conditioning Equipment *(23 05 93)*

23 05 93 00-0010	EA	Balancing Constant Volume Air Handling Unit	716.74	
		For Testing Of Unit Without Balancing, Deduct		*-358.37*
23 05 93 00-0011	EA	Balancing Package A/C Unit	268.77	
		For Testing Of Unit Without Balancing, Deduct		*-134.39*
23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit	358.36	
		For Testing Of Unit Without Balancing, Deduct		*-179.18*
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit	1,254.28	
		For Testing Of Unit Without Balancing, Deduct		*-627.14*

23 05 93 00-0014 Registers, Diffusers, Terminal Air Units And Dampers *(23 05 93)*

23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	77.88	
		For Testing Of Unit Without Balancing, Deduct		*-38.94*
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser	129.81	
		For Testing Of Unit Without Balancing, Deduct		*-64.91*
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser	67.50	
		For Testing Of Unit Without Balancing, Deduct		*-33.75*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0018	EA	Balance Variable Air Volume Box	73.13	
		For Testing Of Unit Without Balancing, Deduct	*-36.57*	
23 05 93 00-0019	EA	Balance Constant Volume Box	73.13	
		For Testing Of Unit Without Balancing, Deduct	*-36.57*	
23 05 93 00-0020	EA	Balance Fan Powered Box	83.08	
		For Testing Of Unit Without Balancing, Deduct	*-41.54*	
23 05 93 00-0021	EA	Balance Lab Fume Hood	337.50	
		For Testing Of Unit Without Balancing, Deduct	*-168.75*	
23 05 93 00-0022	EA	Balance General Hood	259.60	
		For Testing Of Unit Without Balancing, Deduct	*-129.80*	
23 05 93 00-0023	EA	Balance Induction Unit	155.77	
		For Testing Of Unit Without Balancing, Deduct	*-77.89*	
23 05 93 00-0024	EA	Balance Moduline - Master	62.29	
		For Testing Of Unit Without Balancing, Deduct	*-31.15*	
23 05 93 00-0025	EA	Balance Moduline - Slave	31.15	
		For Testing Of Unit Without Balancing, Deduct	*-15.58*	
23 05 93 00-0026	EA	Balance Dampers	28.92	
		For Testing Of Unit Without Balancing, Deduct	*-14.46*	
23 05 93 00-0027	EA	Balance Regenerators	414.71	
		For Testing Of Unit Without Balancing, Deduct	*-207.36*	

23 05 93 00-0028 Water Balancing Of Components *(23 05 93)*

23 05 93 00-0029	EA	Water Balance, Air Cool Condenser	492.80	
		For Testing Of Unit Without Balancing, Deduct	*-246.40*	
23 05 93 00-0030	EA	Water Balance, Cabinet Heater	62.72	
		For Testing Of Unit Without Balancing, Deduct	*-31.36*	
23 05 93 00-0031	EA	Water Balance, Chiller, Air Cooled	537.50	
		For Testing Of Unit Without Balancing, Deduct	*-268.75*	
23 05 93 00-0032	EA	Water Balance, Chiller, Water Cooled	716.74	
		For Testing Of Unit Without Balancing, Deduct	*-358.37*	
23 05 93 00-0033	EA	Water Balance, Cooling Tower	358.36	
		For Testing Of Unit Without Balancing, Deduct	*-179.18*	
23 05 93 00-0034	EA	Water Balance, Fan Coil And Vent	89.64	
		For Testing Of Unit Without Balancing, Deduct	*-44.82*	
23 05 93 00-0035	EA	Water Balance, Fin Tube And Radiant Panel	89.59	
		For Testing Of Unit Without Balancing, Deduct	*-44.80*	
23 05 93 00-0036	EA	Water Balance, Main And Duct Re-Heat Coil	98.55	
		For Testing Of Unit Without Balancing, Deduct	*-49.28*	
23 05 93 00-0037	EA	Water Balance, Pumps	268.78	
		For Testing Of Unit Without Balancing, Deduct	*-134.39*	
23 05 93 00-0038	EA	Water Balance, Unit Heater	62.72	
		For Testing Of Unit Without Balancing, Deduct	*-31.36*	
23 05 93 00-0039	EA	Water Balancing, Converter	268.88	
		For Testing Of Unit Without Balancing, Deduct	*-134.44*	
23 05 93 00-0040	EA	Water Balancing, Cocks And Valves	44.79	
		For Testing Of Unit Without Balancing, Deduct	*-22.40*	
23 05 93 00-0041	EA	Water Balance, Convector	53.75	
		For Testing Of Unit Without Balancing, Deduct	*-26.88*	
23 05 93 00-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves	67.20	
		For Testing Of Unit Without Balancing, Deduct	*-33.60*	
23 05 93 00-0043	EA	Water Balance, Boiler, Up To 500 MBH	582.34	
		For Testing Of Unit Without Balancing, Deduct	*-291.17*	
23 05 93 00-0044	EA	>500 To 1,000 MBH, Water Balance, Boiler	1,075.10	
		For Testing Of Unit Without Balancing, Deduct	*-537.55*	
23 05 93 00-0045	EA	>1,000 MBH, Water Balance, Boiler	1,971.03	
		For Testing Of Unit Without Balancing, Deduct	*-985.52*	

23 05 93 00-0046 Non Destructive Testing *(23 05 93)*

23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0046)*

23 05 93 00-0048 X-Ray Welds Minimum Set-Up Charge *(23 05 93 00-0047)*

23 05 93 00-0049	EA	X-Ray Welds Minimum Set-Up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	785.76

23 05 93 00-0050 Piping, X-Ray Welds, Non Destructive Testing *(23 05 93 00-0047)*

23 05 93 00-0051	EA	Up To 3/4" Piping, X-Ray Welds, Non Destructive Testing	73.10
23 05 93 00-0052	EA	1" Piping, X-Ray Welds, Non Destructive Testing	83.23
23 05 93 00-0053	EA	1-1/4" - 1-1/2" Piping, X-Ray Welds, Non Destructive Testing	93.39
23 05 93 00-0054	EA	2" Piping, X-Ray Welds, Non Destructive Testing	98.67
23 05 93 00-0055	EA	3" Piping, X-Ray Welds, Non Destructive Testing	103.95
23 05 93 00-0056	EA	4" Piping, X-Ray Welds, Non Destructive Testing	109.64
23 05 93 00-0057	EA	6" Piping, X-Ray Welds, Non Destructive Testing	120.20
23 05 93 00-0058	EA	8" Piping, X-Ray Welds, Non Destructive Testing	130.77
23 05 93 00-0059	EA	10" Piping, X-Ray Welds, Non Destructive Testing	136.46
23 05 93 00-0060	EA	12" Piping, X-Ray Welds, Non Destructive Testing	142.15

23 05 93 00-0061 Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0046)*

23 05 93 00-0062 Piping, Liquid Penetration Of Welds, Non Destructive Testing *(23 05 93 00-0061)*

23 05 93 00-0063	EA	Up To 3/4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	83.05
23 05 93 00-0064	EA	1" Piping, Liquid Penetration Of Welds, Non Destructive Testing	87.92
23 05 93 00-0065	EA	1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	92.79

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0066	EA	2" Piping, Liquid Penetration Of Welds, Non Destructive Testing	95.21	
23 05 93 00-0067	EA	3" Piping, Liquid Penetration Of Welds, Non Destructive Testing	98.86	
23 05 93 00-0068	EA	4" Piping, Liquid Penetration Of Welds, Non Destructive Testing	102.52	
23 05 93 00-0069	EA	6" Piping, Liquid Penetration Of Welds, Non Destructive Testing	109.82	
23 05 93 00-0070	EA	8" Piping, Liquid Penetration Of Welds, Non Destructive Testing	117.11	
23 05 93 00-0071	EA	10" Piping, Liquid Penetration Of Welds, Non Destructive Testing	124.42	
23 05 93 00-0072	EA	12" Piping, Liquid Penetration Of Welds, Non Destructive Testing	131.71	

23 05 93 00-0073 Hydrostatic Testing *(23 05 93 00-0046)*

Note: Includes flushing and restoring of system.

23 05 93 00-0074 Piping, Hydrostatic Testing *(23 05 93 00-0073)*

23 05 93 00-0075	EA	Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing	640.28	
23 05 93 00-0076	EA	>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing	914.69	
23 05 93 00-0077	EA	>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing	1,095.98	
23 05 93 00-0078	EA	>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing	1,459.85	
23 05 93 00-0079	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing	2,211.89	
23 05 93 00-0080	EA	Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing	851.32	
23 05 93 00-0081	EA	>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing	1,216.54	
23 05 93 00-0082	EA	>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing	1,448.26	
23 05 93 00-0083	EA	>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing	1,897.78	
23 05 93 00-0084	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing	2,871.02	
23 05 93 00-0085	EA	Up To 100', >4" To 10" Piping, Hydrostatic Testing	1,109.48	
23 05 93 00-0086	EA	>100' To 250', >4" To 10" Piping, Hydrostatic Testing	1,581.51	
23 05 93 00-0087	EA	>250' To 500', >4" To 10" Piping, Hydrostatic Testing	1,630.73	
23 05 93 00-0088	EA	>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing	2,136.39	
23 05 93 00-0089	EA	>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing	3,231.96	
23 05 93 00-0090	EA	Up To 100', >10" To 14" Piping, Hydrostatic Testing	1,440.39	
23 05 93 00-0091	EA	>100' To 250', >10" To 14" Piping, Hydrostatic Testing	2,053.50	
23 05 93 00-0092	EA	>250' To 500', >10" To 14" Piping, Hydrostatic Testing	2,120.36	
23 05 93 00-0093	EA	>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing	2,781.08	
23 05 93 00-0094	EA	>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing	4,213.77	

23 05 93 00-0095 Pneumatic Testing *(23 05 93 00-0046)*

Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.

23 05 93 00-0096 Piping, Pneumatic Testing *(23 05 93 00-0095)*

23 05 93 00-0097	EA	Up To 100', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	728.11	
23 05 93 00-0098	EA	>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,038.95	
23 05 93 00-0099	EA	>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,121.79	
23 05 93 00-0100	EA	>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	1,436.79	
23 05 93 00-0101	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.	2,247.35	
23 05 93 00-0102	EA	Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	950.08	
23 05 93 00-0103	EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,349.10	
23 05 93 00-0104	EA	>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,458.22	
23 05 93 00-0105	EA	>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	1,868.21	
23 05 93 00-0106	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.	2,921.14	
23 05 93 00-0107	EA	Up To 100', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,143.70	
23 05 93 00-0108	EA	>100' To 250', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,614.06	
23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	1,785.25	
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	2,281.07	
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.	3,571.91	
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	1,489.20	
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,098.41	
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,321.51	
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	2,965.95	
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	4,650.96	

23 05 93 00-0117 EPA Testing Of Sludge *(23 05 93)*

23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead	637.07	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level	70.04	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals	976.29	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water	741.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 07 HVAC Insulation *(23)*

23 07 13 Duct Insulation *(23 07)*

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight. See CSI section 23 33 53 00-0000 for internal duct insulation.

23 07 13 00-0002 Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0003	SF	1" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	2.84		1.92
		For Plain Blanket, With No Facing, Deduct	*-0.11*		
		For Work In Restricted Working Space, Add	*0.77*		
23 07 13 00-0004	SF	1-1/2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.33		1.92
		For Plain Blanket, With No Facing, Deduct	*-0.13*		
		For Work In Restricted Working Space, Add	*0.90*		
23 07 13 00-0005	SF	2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.78		2.89
		For Plain Blanket, With No Facing, Deduct	*-0.14*		
		For Work In Restricted Working Space, Add	*1.03*		
23 07 13 00-0006	SF	3" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.45		3.36
		For Plain Blanket, With No Facing, Deduct	*-0.18*		
		For Work In Restricted Working Space, Add	*1.20*		
23 07 13 00-0007	SF	4" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.01		3.65
		For Plain Blanket, With No Facing, Deduct	*-0.28*		
		For Work In Restricted Working Space, Add	*1.30*		

23 07 13 00-0008 Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0009	SF	1" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.53		2.89
		For Plain Blanket, With No Facing, Deduct	*-0.13*		
		For Work In Restricted Working Space, Add	*0.96*		
23 07 13 00-0010	SF	1-1/2" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.09		3.36
		For Plain Blanket, With No Facing, Deduct	*-0.16*		
		For Work In Restricted Working Space, Add	*1.11*		
23 07 13 00-0011	SF	2" Thick, Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation	4.83		3.84
		For Plain Blanket, With No Facing, Deduct	*-0.19*		
		For Work In Restricted Working Space, Add	*1.31*		

23 07 13 00-0012 Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0013	SF	1" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.41		3.84
		For Plain Blanket, With No Facing, Deduct	*-0.22*		
		For Work In Restricted Working Space, Add	*1.16*		
23 07 13 00-0014	SF	1-1/2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.37		4.32
		For Plain Blanket, With No Facing, Deduct	*-0.38*		
		For Work In Restricted Working Space, Add	*1.32*		
23 07 13 00-0015	SF	2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	6.25		4.81
		For Plain Blanket, With No Facing, Deduct	*-0.45*		
		For Work In Restricted Working Space, Add	*1.54*		

23 07 13 00-0016 3 LB/CF FSK Rigid Fiber Glass Board Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.

23 07 13 00-0017	SF	1" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	8.76		5.09
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*20.65*		
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*15.17*		
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*12.54*		
		For Work In Restricted Working Space, Add	*2.56*		
23 07 13 00-0018	SF	1-1/2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	10.70		6.20
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*25.14*		
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*18.49*		
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*15.28*		
		For Work In Restricted Working Space, Add	*3.11*		
23 07 13 00-0019	SF	2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	12.96		7.48
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*30.37*		
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*22.36*		
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*18.47*		
		For Work In Restricted Working Space, Add	*3.76*		

23 07 13 00-0020 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.

23 07 13 00-0021	SF	1" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	10.12		5.60
		For Work In Restricted Working Space, Add	*2.81*		
23 07 13 00-0022	SF	1-1/2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	13.08		6.81
		For Work In Restricted Working Space, Add	*3.43*		
23 07 13 00-0023	SF	2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	16.70		8.23
		For Work In Restricted Working Space, Add	*4.14*		

23 07 13 00-0024 Sheet Flexible Elastomeric Insulation *(23 07 13)*

23 07 13 00-0025	SF	3/8" Thick, Sheet Flexible Elastomeric Insulation	8.12		2.59
23 07 13 00-0026	SF	1/2" Thick, Sheet Flexible Elastomeric Insulation	8.68		2.74
23 07 13 00-0027	SF	3/4" Thick, Sheet Flexible Elastomeric Insulation	11.47		2.89
23 07 13 00-0028	SF	1" Thick, Sheet Flexible Elastomeric Insulation	13.26		3.03
23 07 13 00-0029	SF	1-1/2" Thick, Sheet Flexible Elastomeric Insulation	18.47		3.32
23 07 13 00-0030	SF	2" Thick, Sheet Flexible Elastomeric Insulation	21.88		3.60

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0031		Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)* Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0032	SF	1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	12.15	2.74
23 07 13 00-0033	SF	3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	13.38	2.89
23 07 13 00-0034	SF	1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.92	3.03
23 07 13 00-0035	SF	1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	23.46	3.32
23 07 13 00-0036	SF	2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	27.84	3.60
23 07 13 00-0037		Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation *(23 07 13)* Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0038	SF	1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.62	2.74
23 07 13 00-0039	SF	3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	15.85	2.89
23 07 13 00-0040	SF	1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	17.83	3.03
23 07 13 00-0041	SF	1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	26.34	3.32
23 07 16		**HVAC Equipment Insulation** *(23 07)*		
23 07 16 00-0001		Calcium Silicate Block Insulation *(23 07 16)*		
23 07 16 00-0002	SF	1" Thick, Calcium Silicate Block Insulation	14.88	6.12
		For Work In Restricted Working Space, Add	*3.67*	
23 07 16 00-0003	SF	1-1/2" Thick, Calcium Silicate Block Insulation	17.74	6.88
		For Work In Restricted Working Space, Add	*4.13*	
23 07 16 00-0004	SF	2" Thick, Calcium Silicate Block Insulation	21.23	7.94
		For Work In Restricted Working Space, Add	*4.78*	
23 07 16 00-0005	SF	2-1/2" Thick, Calcium Silicate Block Insulation	25.26	9.32
		For Work In Restricted Working Space, Add	*5.59*	
23 07 16 00-0006	SF	3" Thick, Calcium Silicate Block Insulation	30.89	11.47
		For Work In Restricted Working Space, Add	*6.88*	
23 07 19		**HVAC Piping Insulation** *(23 07)* See CSI section 22 07 19 00-0000 for pipe insulation.		
23 07 19 00-0001		Calcium Silicate Pipe Insulation *(23 07 19)* Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0554 for protective jacketing.		
23 07 19 00-0002		1" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*		
23 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.10	3.16
		For Work In Restricted Working Space, Add	*2.37*	
23 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.10	3.16
		For Work In Restricted Working Space, Add	*2.37*	
23 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	12.98	3.21
		For Work In Restricted Working Space, Add	*2.40*	
23 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.19	3.25
		For Work In Restricted Working Space, Add	*2.44*	
23 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.35	3.30
		For Work In Restricted Working Space, Add	*2.47*	
23 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.36	3.39
		For Work In Restricted Working Space, Add	*2.54*	
23 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.03	3.52
		For Work In Restricted Working Space, Add	*2.64*	
23 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.73	3.62
		For Work In Restricted Working Space, Add	*2.71*	
23 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	18.09	3.89
		For Work In Restricted Working Space, Add	*2.92*	
23 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick Calcium Silicate Insulation	20.11	4.38
		For Work In Restricted Working Space, Add	*3.29*	
23 07 19 00-0013		1-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*		
23 07 19 00-0014	LF	1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	13.71	3.29
		For Work In Restricted Working Space, Add	*2.47*	
23 07 19 00-0015	LF	3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	13.80	3.29
		For Work In Restricted Working Space, Add	*2.47*	
23 07 19 00-0016	LF	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	14.81	3.49
		For Work In Restricted Working Space, Add	*2.62*	
23 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	15.44	3.55
		For Work In Restricted Working Space, Add	*2.66*	
23 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.09	3.62
		For Work In Restricted Working Space, Add	*2.71*	
23 07 19 00-0019	LF	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	17.30	3.82
		For Work In Restricted Working Space, Add	*2.86*	
23 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.18	3.88
		For Work In Restricted Working Space, Add	*2.91*	
23 07 19 00-0021	LF	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.89	4.01
		For Work In Restricted Working Space, Add	*3.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0022	LF	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	21.11	4.34
		For Work In Restricted Working Space, Add	*3.26*	
23 07 19 00-0023	LF	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	24.46	5.07
		For Work In Restricted Working Space, Add	*3.80*	
23 07 19 00-0024	LF	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	29.00	5.35
		For Work In Restricted Working Space, Add	*4.01*	
23 07 19 00-0025	LF	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	36.69	6.40
		For Work In Restricted Working Space, Add	*4.80*	
23 07 19 00-0026	LF	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	43.19	7.45
		For Work In Restricted Working Space, Add	*5.59*	
23 07 19 00-0027	LF	14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	48.17	8.17
		For Work In Restricted Working Space, Add	*6.13*	
23 07 19 00-0028	LF	16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	57.06	10.40
		For Work In Restricted Working Space, Add	*7.80*	
23 07 19 00-0029	LF	18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	61.64	10.92
		For Work In Restricted Working Space, Add	*8.19*	

23 07 19 00-0030 2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0031	LF	1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	17.71	3.62
		For Work In Restricted Working Space, Add	*2.71*	
23 07 19 00-0032	LF	3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	18.18	3.62
		For Work In Restricted Working Space, Add	*2.71*	
23 07 19 00-0033	LF	1" Diameter Pipe, 2" Thick Calcium Silicate Insulation	18.78	3.66
		For Work In Restricted Working Space, Add	*2.75*	
23 07 19 00-0034	LF	1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.59	3.71
		For Work In Restricted Working Space, Add	*2.78*	
23 07 19 00-0035	LF	1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	20.15	3.75
		For Work In Restricted Working Space, Add	*2.81*	
23 07 19 00-0036	LF	2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	21.03	3.89
		For Work In Restricted Working Space, Add	*2.92*	
23 07 19 00-0037	LF	2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	23.67	4.02
		For Work In Restricted Working Space, Add	*3.02*	
23 07 19 00-0038	LF	3" Diameter Pipe, 2" Thick Calcium Silicate Insulation	24.06	4.16
		For Work In Restricted Working Space, Add	*3.12*	
23 07 19 00-0039	LF	4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	26.77	4.40
		For Work In Restricted Working Space, Add	*3.29*	
23 07 19 00-0040	LF	6" Diameter Pipe, 2" Thick Calcium Silicate Insulation	32.87	5.27
		For Work In Restricted Working Space, Add	*3.95*	
23 07 19 00-0041	LF	8" Diameter Pipe, 2" Thick Calcium Silicate Insulation	37.37	5.56
		For Work In Restricted Working Space, Add	*4.17*	
23 07 19 00-0042	LF	10" Diameter Pipe, 2" Thick Calcium Silicate Insulation	46.10	6.66
		For Work In Restricted Working Space, Add	*5.00*	
23 07 19 00-0043	LF	12" Diameter Pipe, 2" Thick Calcium Silicate Insulation	52.66	7.98
		For Work In Restricted Working Space, Add	*5.98*	
23 07 19 00-0044	LF	14" Diameter Pipe, 2" Thick Calcium Silicate Insulation	63.81	11.12
		For Work In Restricted Working Space, Add	*8.35*	
23 07 19 00-0045	LF	16" Diameter Pipe, 2" Thick Calcium Silicate Insulation	67.48	11.12
		For Work In Restricted Working Space, Add	*8.35*	
23 07 19 00-0046	LF	18" Diameter Pipe, 2" Thick Calcium Silicate Insulation	72.48	11.68
		For Work In Restricted Working Space, Add	*8.76*	
23 07 19 00-0047	LF	20" Diameter Pipe, 2" Thick Calcium Silicate Insulation	86.67	13.36
		For Work In Restricted Working Space, Add	*10.01*	
23 07 19 00-0048	LF	24" Diameter Pipe, 2" Thick Calcium Silicate Insulation	100.64	16.13
		For Work In Restricted Working Space, Add	*12.10*	

23 07 19 00-0049 2-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0050	LF	1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.33	4.17
		For Work In Restricted Working Space, Add	*3.13*	
23 07 19 00-0051	LF	3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.82	4.17
		For Work In Restricted Working Space, Add	*3.13*	
23 07 19 00-0052	LF	1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.21	4.23
		For Work In Restricted Working Space, Add	*3.18*	
23 07 19 00-0053	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.42	4.26
		For Work In Restricted Working Space, Add	*3.20*	
23 07 19 00-0054	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	23.04	4.30
		For Work In Restricted Working Space, Add	*3.23*	
23 07 19 00-0055	LF	2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	24.01	4.48
		For Work In Restricted Working Space, Add	*3.36*	
23 07 19 00-0056	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	27.21	4.64
		For Work In Restricted Working Space, Add	*3.47*	
23 07 19 00-0057	LF	3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	27.62	4.80
		For Work In Restricted Working Space, Add	*3.60*	
23 07 19 00-0058	LF	4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	32.15	5.06
		For Work In Restricted Working Space, Add	*3.79*	
23 07 19 00-0059	LF	6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	40.32	5.74
		For Work In Restricted Working Space, Add	*4.31*	
23 07 19 00-0060	LF	8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	46.10	6.41
		For Work In Restricted Working Space, Add	*4.81*	
23 07 19 00-0061	LF	10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	55.20	7.39
		For Work In Restricted Working Space, Add	*5.54*	
23 07 19 00-0062	LF	12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	63.92	9.18
		For Work In Restricted Working Space, Add	*6.89*	
23 07 19 00-0063	LF	14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	70.77	10.03
		For Work In Restricted Working Space, Add	*7.52*	
23 07 19 00-0064	LF	16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	85.59	12.81
		For Work In Restricted Working Space, Add	*9.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0065	LF	18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	90.42	13.46
		For Work In Restricted Working Space, Add	*10.09*	
23 07 19 00-0066	LF	20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	105.03	15.38
		For Work In Restricted Working Space, Add	*11.54*	
23 07 19 00-0067	LF	24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	123.14	18.58
		For Work In Restricted Working Space, Add	*13.94*	

23 07 19 00-0068 3" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0069	LF	1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.26	4.62
		For Work In Restricted Working Space, Add	*3.46*	
23 07 19 00-0070	LF	3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.37	4.62
		For Work In Restricted Working Space, Add	*3.46*	
23 07 19 00-0071	LF	1" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.60	4.67
		For Work In Restricted Working Space, Add	*3.50*	
23 07 19 00-0072	LF	1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.90	4.70
		For Work In Restricted Working Space, Add	*3.52*	
23 07 19 00-0073	LF	1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	28.16	4.75
		For Work In Restricted Working Space, Add	*3.56*	
23 07 19 00-0074	LF	2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	29.11	4.92
		For Work In Restricted Working Space, Add	*3.69*	
23 07 19 00-0075	LF	2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	32.50	5.09
		For Work In Restricted Working Space, Add	*3.82*	
23 07 19 00-0076	LF	3" Diameter Pipe, 3" Thick Calcium Silicate Insulation	33.11	5.27
		For Work In Restricted Working Space, Add	*3.95*	
23 07 19 00-0077	LF	4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	39.38	5.56
		For Work In Restricted Working Space, Add	*4.18*	
23 07 19 00-0078	LF	6" Diameter Pipe, 3" Thick Calcium Silicate Insulation	46.86	6.32
		For Work In Restricted Working Space, Add	*4.74*	
23 07 19 00-0079	LF	8" Diameter Pipe, 3" Thick Calcium Silicate Insulation	54.60	7.04
		For Work In Restricted Working Space, Add	*5.28*	
23 07 19 00-0080	LF	10" Diameter Pipe, 3" Thick Calcium Silicate Insulation	64.98	8.13
		For Work In Restricted Working Space, Add	*6.10*	
23 07 19 00-0081	LF	12" Diameter Pipe, 3" Thick Calcium Silicate Insulation	74.66	10.11
		For Work In Restricted Working Space, Add	*7.58*	
23 07 19 00-0082	LF	14" Diameter Pipe, 3" Thick Calcium Silicate Insulation	82.99	11.03
		For Work In Restricted Working Space, Add	*8.27*	
23 07 19 00-0083	LF	16" Diameter Pipe, 3" Thick Calcium Silicate Insulation	96.46	14.09
		For Work In Restricted Working Space, Add	*10.57*	
23 07 19 00-0084	LF	18" Diameter Pipe, 3" Thick Calcium Silicate Insulation	104.22	14.80
		For Work In Restricted Working Space, Add	*11.10*	
23 07 19 00-0085	LF	20" Diameter Pipe, 3" Thick Calcium Silicate Insulation	122.26	16.93
		For Work In Restricted Working Space, Add	*12.69*	
23 07 19 00-0086	LF	24" Diameter Pipe, 3" Thick Calcium Silicate Insulation	144.39	20.44
		For Work In Restricted Working Space, Add	*15.33*	

23 07 19 00-0087 3-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0088	LF	1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	35.18	5.06
		For Work In Restricted Working Space, Add	*3.79*	
23 07 19 00-0089	LF	3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	36.61	5.06
		For Work In Restricted Working Space, Add	*3.79*	
23 07 19 00-0090	LF	1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	36.69	5.09
		For Work In Restricted Working Space, Add	*3.82*	
23 07 19 00-0091	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	36.77	5.12
		For Work In Restricted Working Space, Add	*3.84*	
23 07 19 00-0092	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	37.99	5.19
		For Work In Restricted Working Space, Add	*3.89*	
23 07 19 00-0093	LF	2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	40.39	5.36
		For Work In Restricted Working Space, Add	*4.02*	
23 07 19 00-0094	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	44.00	5.55
		For Work In Restricted Working Space, Add	*4.16*	
23 07 19 00-0095	LF	3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	45.56	5.75
		For Work In Restricted Working Space, Add	*4.31*	
23 07 19 00-0096	LF	4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	52.16	6.07
		For Work In Restricted Working Space, Add	*4.56*	
23 07 19 00-0097	LF	6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	58.13	6.90
		For Work In Restricted Working Space, Add	*5.17*	
23 07 19 00-0098	LF	8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	71.18	7.68
		For Work In Restricted Working Space, Add	*5.76*	
23 07 19 00-0099	LF	10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	86.76	8.87
		For Work In Restricted Working Space, Add	*6.65*	
23 07 19 00-0100	LF	12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	104.87	11.02
		For Work In Restricted Working Space, Add	*8.27*	
23 07 19 00-0101	LF	14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	110.26	12.03
		For Work In Restricted Working Space, Add	*9.02*	
23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	127.83	15.38
		For Work In Restricted Working Space, Add	*11.53*	
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	147.67	16.14
		For Work In Restricted Working Space, Add	*12.11*	
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	158.78	18.47
		For Work In Restricted Working Space, Add	*13.85*	

23 07 19 00-0105 4" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	44.32	5.61
		For Work In Restricted Working Space, Add	*4.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	44.36	5.61
		For Work In Restricted Working Space, Add	*4.21*	
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation	44.60	5.71
		For Work In Restricted Working Space, Add	*4.28*	
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	45.89	5.78
		For Work In Restricted Working Space, Add	*4.34*	
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	48.69	5.96
		For Work In Restricted Working Space, Add	*4.47*	
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	49.66	6.15
		For Work In Restricted Working Space, Add	*4.61*	
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	54.49	6.25
		For Work In Restricted Working Space, Add	*4.68*	
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation	56.04	6.47
		For Work In Restricted Working Space, Add	*4.85*	
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	63.90	6.83
		For Work In Restricted Working Space, Add	*5.12*	
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation	74.01	7.75
		For Work In Restricted Working Space, Add	*5.81*	
23 07 19 00-0116	LF	8" Diameter Pipe, 4" Thick Calcium Silicate Insulation	88.49	8.64
		For Work In Restricted Working Space, Add	*6.48*	
23 07 19 00-0117	LF	10" Diameter Pipe, 4" Thick Calcium Silicate Insulation	101.87	9.99
		For Work In Restricted Working Space, Add	*7.49*	
23 07 19 00-0118	LF	12" Diameter Pipe, 4" Thick Calcium Silicate Insulation	115.46	12.40
		For Work In Restricted Working Space, Add	*9.30*	
23 07 19 00-0119	LF	14" Diameter Pipe, 4" Thick Calcium Silicate Insulation	122.60	13.55
		For Work In Restricted Working Space, Add	*10.16*	
23 07 19 00-0120	LF	16" Diameter Pipe, 4" Thick Calcium Silicate Insulation	144.47	17.32
		For Work In Restricted Working Space, Add	*12.99*	
23 07 19 00-0121	LF	18" Diameter Pipe, 4" Thick Calcium Silicate Insulation	153.80	18.14
		For Work In Restricted Working Space, Add	*13.61*	
23 07 19 00-0122	LF	20" Diameter Pipe, 4" Thick Calcium Silicate Insulation	169.82	20.77
		For Work In Restricted Working Space, Add	*15.58*	

23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0124	SF	1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET)	4.33	
		For Work In Restricted Working Space, Add	*0.89*	

23 08 Commissioning Of HVAC *(23)*

See CSI section 01 91 13 00-0001 for commissioning, 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation And Control For HVAC *(23)*

23 09 23 Direct-Digital Control System For HVAC *(23 09)*

23 09 23 11 Control Valves *(23 09 23)*

23 09 23 11-0001 Valves With Actuator *(23 09 23 11)*

23 09 23 11-0002	EA	1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	476.05	12.55
23 09 23 11-0003	EA	3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	494.25	16.92
23 09 23 11-0004	EA	1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	541.93	20.49
23 09 23 11-0005	EA	1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	593.14	25.95
23 09 23 11-0006	EA	1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	675.82	29.95
23 09 23 11-0007	EA	2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	764.57	35.39
23 09 23 11-0008	EA	2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	1,432.17	70.78
23 09 23 11-0009	EA	3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	1,555.59	82.82
23 09 23 11-0010	EA	4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	2,104.56	121.66
23 09 23 11-0011	EA	5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	3,094.13	175.81
23 09 23 11-0012	EA	6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	3,427.17	194.64
23 09 23 11-0013	EA	1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	514.77	18.84
23 09 23 11-0014	EA	3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	533.58	25.39
23 09 23 11-0015	EA	1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	579.65	30.73
23 09 23 11-0016	EA	1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	644.97	38.93
23 09 23 11-0017	EA	1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	825.93	44.92
23 09 23 11-0018	EA	2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	917.82	53.09
23 09 23 11-0019	EA	2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	1,627.26	106.17
23 09 23 11-0020	EA	3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	1,792.39	124.24
23 09 23 11-0021	EA	4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2*GMX24-MFTX1)	2,609.15	182.48
23 09 23 11-0022	EA	5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2*GMX24-MFTX1)	3,784.01	263.71
23 09 23 11-0023	EA	6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2*GMX24-MFTX1)	4,206.02	291.97
23 09 23 11-0024	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	109.41	12.55
23 09 23 11-0025	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	129.07	16.92
23 09 23 11-0026	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	162.61	20.49
23 09 23 11-0027	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	133.85	18.84
23 09 23 11-0028	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	156.50	25.39
23 09 23 11-0029	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	195.72	30.73
23 09 23 11-0030	EA	1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	181.97	12.55
23 09 23 11-0031	EA	3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	215.73	16.92
23 09 23 11-0032	EA	1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	245.42	20.49
23 09 23 11-0033	EA	1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	319.29	25.95
23 09 23 11-0034	EA	1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	330.31	29.95
23 09 23 11-0035	EA	2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	420.77	35.39
23 09 23 11-0036	EA	2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	903.85	70.78
23 09 23 11-0037	EA	3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	1,061.18	82.82
23 09 23 11-0038	EA	1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	220.51	18.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0039	EA	3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	255.06	25.39
23 09 23 11-0040	EA	1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	329.17	30.73
23 09 23 11-0041	EA	1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	466.99	38.93
23 09 23 11-0042	EA	1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	492.34	44.92
23 09 23 11-0043	EA	2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	652.44	53.09
23 09 23 11-0044	EA	2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	532.93	64.88
23 09 23 11-0045	EA	2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	559.62	70.78
23 09 23 11-0046	EA	3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	735.63	82.82
23 09 23 11-0047	EA	4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2*GMB24-3X1)	1,123.29	139.03
23 09 23 11-0048	EA	5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	2,260.91	175.81
23 09 23 11-0049	EA	6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	2,385.36	194.64
23 09 23 11-0050	EA	8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	3,244.60	222.46
23 09 23 11-0051	EA	10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	3,980.85	272.51
23 09 23 11-0052	EA	12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	4,919.75	330.31
23 09 23 11-0053	EA	14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	5,466.99	389.29
23 09 23 11-0054	EA	16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	7,229.93	428.23
23 09 23 11-0055	EA	18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	8,762.46	475.72
23 09 23 11-0056	EA	2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	984.75	97.32
23 09 23 11-0057	EA	2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1)	1,160.02	106.17
23 09 23 11-0058	EA	3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2*GMB24-3X1)	1,432.09	124.24
23 09 23 11-0059	EA	4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2*GMB24-3X1)	1,837.05	208.54
23 09 23 11-0060	EA	5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24)	3,763.12	263.71
23 09 23 11-0061	EA	6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24)	3,896.07	291.97
23 09 23 11-0062	EA	8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24)	4,911.62	333.71
23 09 23 11-0063	EA	10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24)	6,501.63	408.76
23 09 23 11-0064	EA	12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24)	7,902.70	495.47
23 09 23 11-0065	EA	14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110)	12,333.64	583.94
23 09 23 11-0066	EA	16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110)	13,752.70	642.33
23 09 23 11-0067	EA	18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110)	21,168.59	713.58

23 09 23 11-0068 Valve Actuators *(23 09 23 11)*

23 09 23 11-0069	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T)	376.04	80.41
23 09 23 11-0070	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3)	381.73	80.41
23 09 23 11-0071	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T)	415.34	80.41
23 09 23 11-0072	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S)	428.99	80.41
23 09 23 11-0073	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR)	437.29	80.41
23 09 23 11-0074	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT)	491.81	80.41
23 09 23 11-0075	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1)	506.13	80.41
23 09 23 11-0076	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95)	515.39	80.41
23 09 23 11-0077	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT)	537.72	80.41
23 09 23 11-0078	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3)	405.88	80.41
23 09 23 11-0079	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR)	452.74	80.41
23 09 23 11-0080	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T)	464.80	80.41
23 09 23 11-0081	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3)	473.12	80.41
23 09 23 11-0082	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14)	476.24	80.41
23 09 23 11-0083	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S)	532.83	80.41
23 09 23 11-0084	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T)	557.23	80.41
23 09 23 11-0085	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR)	570.20	80.41
23 09 23 11-0086	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT)	567.62	80.41
23 09 23 11-0087	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC)	575.92	80.41
23 09 23 11-0088	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95)	575.40	80.41
23 09 23 11-0089	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4)	629.25	80.41
23 09 23 11-0090	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4)	765.44	80.41
23 09 23 11-0091	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3)	504.78	80.41
23 09 23 11-0092	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR)	604.49	80.41
23 09 23 11-0093	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24)	1,386.41	80.41
23 09 23 11-0094	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24)	1,556.70	80.41
23 09 23 11-0095	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24)	1,871.86	80.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0096	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24)	2,122.63	80.41
23 09 23 11-0097	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110)	2,515.68	80.41
23 09 23 11-0098	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110)	2,966.36	80.41
23 09 23 11-0099	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110)	4,002.70	80.41
23 09 23 11-0100	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110)	4,890.01	80.41

23 09 23 12 Control Dampers *(23 09 23)*

23 09 23 12-0001 Rectangular Galvanized Volume Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

23 09 23 12-0002	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008)	141.30	32.19
23 09 23 12-0003	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010)	158.76	35.31
23 09 23 12-0004	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	177.23	38.95
23 09 23 12-0005	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014)	205.27	45.69
23 09 23 12-0006	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016)	232.26	51.92
23 09 23 12-0007	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018)	237.99	58.41
23 09 23 12-0008	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020)	288.54	64.90
23 09 23 12-0009	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024)	344.77	77.88
23 09 23 12-0010	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032)	437.97	90.86
23 09 23 12-0011	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048)	634.16	103.84
23 09 23 12-0012	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060)	1,124.76	116.83
23 09 23 12-0013	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072)	1,419.09	129.81

23 09 23 12-0014 Round Galvanized Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

23 09 23 12-0015	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06)	139.93	36.34
23 09 23 12-0016	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08)	145.18	38.95
23 09 23 12-0017	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10)	150.57	38.95
23 09 23 12-0018	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12)	167.63	44.13
23 09 23 12-0019	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14)	187.61	44.13
23 09 23 12-0020	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16)	205.61	51.92
23 09 23 12-0021	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18)	275.49	54.65
23 09 23 12-0022	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20)	287.72	56.65
23 09 23 12-0023	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22)	305.95	61.07
23 09 23 12-0024	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24)	324.47	65.49

23 09 23 12-0025 Remote Damper Control *(23 09 23 12)*

23 09 23 12-0026	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B)	219.18	
		For Each 10' Flexible Casing And Wire, Add	*23.58*	
23 09 23 12-0027	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B)	224.01	
		For Each 10' Flexible Casing And Wire, Add	*23.58*	

23 09 23 13 Energy Meters *(23 09 23)*

23 09 23 13-0001 Surge Protectors *(23 09 23 13)*

23 09 23 13-0002	EA	Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	208.06	8.00
23 09 23 13-0003	EA	Surge Protector, 1AC Outlet (Transtector TR2251)	158.43	8.00
23 09 23 13-0004	EA	Surge Protector, 2 AC Outlets (Transtector TR2254)	243.83	8.00
23 09 23 13-0005	EA	Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	134.20	8.00
23 09 23 13-0006	EA	Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	134.20	8.00
23 09 23 13-0007	EA	Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	134.20	8.00
23 09 23 13-0008	EA	Surge Protector, Individual Wire Connection (Transtector TR2258)	191.91	8.00
23 09 23 13-0009	EA	Surge Protector, Trane Communication Links (Transtector TR2257)	120.35	8.00

23 09 23 14 Flow Instruments *(23 09 23)*

23 09 23 14-0001 Water Flow Meters *(23 09 23 14)*

23 09 23 14-0002	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500) Note: Excludes pipe fittings.	3,088.15	85.97

23 09 23 14-0003 Air Flow Monitoring Stations *(23 09 23 14)*

23 09 23 14-0004	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 36" x 24" typical duct size.	2,454.96	99.69
23 09 23 14-0005	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 48" x 36" typical duct size.	3,491.88	99.69
23 09 23 14-0006	EA	Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	4,327.33	99.69

23 09 23 16 Gas Instruments *(23 09 23)*

23 09 23 16-0001 Gas Sensors *(23 09 23 16)*

23 09 23 16-0002	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B)	1,290.38	47.94
23 09 23 16-0003	EA	Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD)	577.73	31.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 16-0004	EA	CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2) Note: Solid state sensor.	1,032.33	47.94
23 09 23 16-0005	EA	CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD)	582.32	57.54

23 09 23 19 Moisture Instruments *(23 09 23)*

23 09 23 19-0001 Relative Humidity Sensors *(23 09 23 19)*

23 09 23 19-0002	EA	3% Duct Mounted RH Sensor (Kele HD30K)	377.86	57.54
23 09 23 19-0003	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	387.08	57.54
23 09 23 19-0004	EA	3% RH Outdoor Air Sensor (Kele HO30K)	448.49	79.91
23 09 23 19-0005	EA	2% Surface Mounted RH Transmitter (Kele HW20K)	328.02	31.96

23 09 23 21 Motion Instruments *(23 09 23)*

23 09 23 21-0001 Peco Motion Sensors *(23 09 23 21)*

23 09 23 21-0002	EA	Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001)	124.22	22.47
23 09 23 21-0003	EA	Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001)	122.02	22.47
23 09 23 21-0004	EA	Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001)	158.94	22.47
23 09 23 21-0005	EA	Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	142.65	22.47
23 09 23 21-0006	EA	Door Switch Occupancy Sensor (Peco SE200-001)	53.13	22.47
23 09 23 21-0007	EA	Window Switch Occupancy Sensor (Peco SE200-002)	50.09	22.47
23 09 23 21-0008	EA	Power Pack And Controller (Peco SF200-001)	81.31	22.47

23 09 23 23 Pressure Instruments *(23 09 23)*

23 09 23 23-0001 Pressure Sensors *(23 09 23 23)*

23 09 23 23-0002	EA	Differential Pressure Transmitters With NEMA 1 Case, 0 To .5" W.C. (Kele T30-005)	497.53	67.49
23 09 23 23-0003	EA	Differential Pressure Transmitters With NEMA 1 Case, 0 To 5" W.C. (Kele T30-050)	447.98	67.49
23 09 23 23-0004	EA	Adjustable Differential Pressure Switches, .05 To 12" W.C. (Kele AFS-222)	208.22	67.49
23 09 23 23-0005	EA	Adjustable Differential Pressure Switches, .05 To 2" W.C. (Kele AFS-262)	213.98	67.49
23 09 23 23-0006	EA	Manual Reset Adjustable Differential Pressure Switches, .4 To 2" W.C. (Kele AFS-460)	225.25	67.49
23 09 23 23-0007	EA	Adjustable Differential Pressure Switches, .05 To 12" W.C., 1/8" NPT (Kele AFS-145)	212.31	67.49
23 09 23 23-0008	EA	Water Differential Pressure Transmitter, 0 To 100psid, Bypass Valve Assembly Option (Kele 360C-P210D-BVA) Note: Excludes pipe fittings.	1,703.44	67.49
23 09 23 23-0009	EA	Water Differential Pressure Transmitter, 0 To 60psid, Bypass Valve Assembly Option (Kele 360C-P160D-BVA) Note: Excludes pipe fittings.	1,703.44	67.49
23 09 23 23-0010	EA	Magnahelic Gauge	511.69	41.25

23 09 23 23-0011 Room Pressure Monitoring *(23 09 23 23)*

23 09 23 23-0012	EA	Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	2,027.42	51.92
23 09 23 23-0013	EA	Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC) Note: Excludes dampers and actuators.	3,232.03	51.92
23 09 23 23-0014	EA	Hospital Room Pressure Status Remote Visual Display (TSI 8694-4)	267.35	31.15
23 09 23 23-0015	EA	Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	305.79	31.15

23 09 23 27 Temperature Instruments *(23 09 23)*

23 09 23 27-0001 Air Temperature Sensors *(23 09 23 27)*

23 09 23 27-0002	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	165.38	57.54
23 09 23 27-0003	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	214.92	57.54
23 09 23 27-0004	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	171.08	57.54
23 09 23 27-0005	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	176.92	57.54
23 09 23 27-0006	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	178.86	57.54
23 09 23 27-0007	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	176.94	57.54
23 09 23 27-0008	EA	10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP)	177.98	57.54
23 09 23 27-0009	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	187.82	57.54
23 09 23 27-0010	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	196.42	57.54
23 09 23 27-0011	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	245.30	79.91
23 09 23 27-0012	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	251.92	79.91
23 09 23 27-0013	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	107.90	31.96
23 09 23 27-0014	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	110.33	31.96
23 09 23 27-0015	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	103.93	31.96

23 09 23 27-0016 Water Temperature Sensors *(23 09 23 27)*

23 09 23 27-0017	EA	5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001)	129.68	61.83
23 09 23 27-0018	EA	Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005)	307.89	61.83

23 09 23 27-0019 Peco Thermostats *(23 09 23 27)*

23 09 23 27-0020	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ)	261.93	14.98
23 09 23 27-0021	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001)	236.68	14.98

23 09 23 53 Proprietary Control Systems *(23 09 23)*

23 09 23 53-0001 Johnson Controls *(23 09 23 53)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0002		Johnson Controls, Labor *(23 09 23 53-0001)*		
23 09 23 53-0003	HR	Johnson Controls - Programmers/Technician	140.00	
23 09 23 53-0004		Johnson Controls, Materials *(23 09 23 53-0001)*		
23 09 23 53-0005	EA	APPL&DATA SERV 5 USER NEW (Johnson Controls MS-ADS05U-0) Note: Material Only, Excludes Installation.	11,497.69	
23 09 23 53-0006	EA	CD-R MET APPL&DATA SVR 5 (Johnson Controls MS-ADS05U-6) Note: Material Only, Excludes Installation.	5,518.41	
23 09 23 53-0007	EA	ADS05 SRVR SUBS SRVC 3YR (Johnson Controls MS-ADS05U-SC3) Note: Material Only, Excludes Installation.	7,817.07	
23 09 23 53-0008	EA	ADS05 SVR SUB SRVC 1 YR (Johnson Controls MS-ADS05U-SCS) Note: Material Only, Excludes Installation.	2,875.72	
23 09 23 53-0009	EA	APP&DAT LITE-A SVR,5U,NEW (Johnson Controls MS-ADSLA5U-0) Note: Material Only, Excludes Installation.	1,174.23	
23 09 23 53-0010	EA	APP&DAT LITE-E SVR,5U,NEW (Johnson Controls MS-ADSLE5U-0) Note: Material Only, Excludes Installation.	2,856.69	
23 09 23 53-0011	EA	ADS05 SVR SUB SRVC 1 YR (Johnson Controls MS-ADSONLY-SCS) Note: Material Only, Excludes Installation.	1,609.81	
23 09 23 53-0012	EA	ADVANCED GRAPHIC NEW CD-R (Johnson Controls MS-ADVGRF-0) Note: Material Only, Excludes Installation.	1,485.66	
23 09 23 53-0013	EA	ADVANCED GRAPHICS UPGRADE (Johnson Controls MS-ADVGRF-6) Note: Material Only, Excludes Installation.	415.92	
23 09 23 53-0014	EA	ADX10 W/RAP&SQL2008 NEW (Johnson Controls MS-ADX10SQL-0) Note: Material Only, Excludes Installation.	25,605.01	
23 09 23 53-0015	EA	ADX10 W/SQL2008 UPGRADE (Johnson Controls MS-ADX10SQL-6) Note: Material Only, Excludes Installation.	19,980.02	
23 09 23 53-0016	EA	ADX10 W/SQL2008 MIGRATION (Johnson Controls MS-ADX10SQL-8) Note: Material Only, Excludes Installation.	17,919.32	
23 09 23 53-0017	EA	EXT APP&DATA SRV 10U NEW (Johnson Controls MS-ADX10U-0) Note: Material Only, Excludes Installation.	13,640.03	
23 09 23 53-0018	EA	EXT APP& DATA SRV 10U UP (Johnson Controls MS-ADX10U-6) Note: Material Only, Excludes Installation.	6,549.80	
23 09 23 53-0019	EA	EXT APP&DATA SRV 10U MIG (Johnson Controls MS-ADX10U-8) Note: Material Only, Excludes Installation.	4,637.32	
23 09 23 53-0020	EA	ADX10 SRVR SUBS SRVC 3YR (Johnson Controls MS-ADX10U-SC3) Note: Material Only, Excludes Installation.	9,275.23	
23 09 23 53-0021	EA	ADX10 SVR SUB SRVC 1 YR (Johnson Controls MS-ADX10U-SCS) Note: Material Only, Excludes Installation.	3,410.02	
23 09 23 53-0022	EA	ADX25 SVR SUB SRVC 1 YR (Johnson Controls MS-ADX25ONL-SCS) Note: Material Only, Excludes Installation.	3,860.31	
23 09 23 53-0023	EA	ADX10 SVR SUB SRVC 1 YR (Johnson Controls MS-ADXONLY-SCS) Note: Material Only, Excludes Installation.	1,909.60	
23 09 23 53-0024	EA	EXT APP&DATA SRV 25U NEW (Johnson Controls MS-ADXSWO-0) Note: Material Only, Excludes Installation.	27,573.68	
23 09 23 53-0025	EA	EXT APP&DATA SRV 25U UP (Johnson Controls MS-ADXSWO-6) Note: Material Only, Excludes Installation.	13,235.36	
23 09 23 53-0026	EA	EXT APP&DATA SRV 25U MIG (Johnson Controls MS-ADXSWO-8) Note: Material Only, Excludes Installation.	18,755.02	
23 09 23 53-0027	EA	ADX25 SVR SUB SRVC 1 YR (Johnson Controls MS-ADXSWO-SCS) Note: Material Only, Excludes Installation.	6,893.42	
23 09 23 53-0028	EA	ADXSWO W/RAP&SQL2008 NEW (Johnson Controls MS-ADXSWOSQL-0) Note: Material Only, Excludes Installation.	39,538.66	
23 09 23 53-0029	EA	ADXSWO W/SQL2008 UPGRADE (Johnson Controls MS-ADXSWOSQL-6) Note: Material Only, Excludes Installation.	21,754.68	
23 09 23 53-0030	EA	ADXSWO W/SQL08 MIGRATION (Johnson Controls MS-ADXSWOSQL-8) Note: Material Only, Excludes Installation.	33,196.95	
23 09 23 53-0031	EA	PUSH BAR,DOOR,REX SW,36" (Johnson Controls MSB550-2V) Note: Material Only, Excludes Installation.	246.80	
23 09 23 53-0032	EA	TERMINAL MODULE (Johnson Controls MS-BACEOL-0) Note: Material Only, Excludes Installation.	50.11	
23 09 23 53-0033	EA	BATTERY 12V FOR NAE/NIE (Johnson Controls MS-BAT1010-0) Note: Material Only, Excludes Installation.	83.10	
23 09 23 53-0034	EA	BATTERY PACK (Johnson Controls MS-BAT1020-0) Note: Material Only, Excludes Installation.	37.14	
23 09 23 53-0035	EA	BLUETOOTH MSTP INTERFACE (Johnson Controls MS-BTCVT-1) Note: Material Only, Excludes Installation.	449.98	
23 09 23 53-0036	EA	BLUETOOTH MSTP (Johnson Controls MS-BTCVT-1G) Note: Material Only, Excludes Installation.	483.15	
23 09 23 53-0037	EA	MS-NIE5910-0 METASYS NIE (Johnson Controls MS-CIGCUST-0025) Note: Material Only, Excludes Installation.	12,921.21	
23 09 23 53-0038	EA	CUSTOM CIG - SIEMENS (Johnson Controls MS-CIGCUST-0027) Note: Material Only, Excludes Installation.	13,354.04	
23 09 23 53-0039	EA	INTERFACE BUFFER KIT (Johnson Controls MS-CIGCUSTKIT-0) Note: Material Only, Excludes Installation.	783.06	
23 09 23 53-0040	EA	COPY ADS05 USER (Johnson Controls MS-COPY-ADS05U) Note: Material Only, Excludes Installation.	71.76	
23 09 23 53-0041	EA	COPY ADX10 USER (Johnson Controls MS-COPY-ADX10U) Note: Material Only, Excludes Installation.	71.76	
23 09 23 53-0042	EA	COPY ADXSWO 25 USER (Johnson Controls MS-COPY-ADXSWO) Note: Material Only, Excludes Installation.	71.76	
23 09 23 53-0043	EA	COPY EXPORT UTILITY (Johnson Controls MS-COPY-EXPORT) Note: Material Only, Excludes Installation.	71.76	
23 09 23 53-0044	EA	COPY SCT (Johnson Controls MS-COPY-SCT) Note: Material Only, Excludes Installation.	71.76	
23 09 23 53-0045	EA	RMT DISPLAY FOR NCE, FEC (Johnson Controls MS-DIS1710-0) Note: Material Only, Excludes Installation.	196.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0046	EA	RMT DISPLAY FOR NCE, FEC (Johnson Controls MS-DIS1710-0G) Note: Material Only, Excludes Installation.	195.13	
23 09 23 53-0047	EA	ENERGY ESSENTIALS (Johnson Controls MS-EREPORT-0) Note: Material Only, Excludes Installation.	1,022.66	
23 09 23 53-0048	EA	ENERGY ESSENTIAL UPGRADE (Johnson Controls MS-EREPORT-6) Note: Material Only, Excludes Installation.	71.76	
23 09 23 53-0049	EA	METASYS SYSTEM (Johnson Controls MS-EXPORT-0) Note: Material Only, Excludes Installation.	1,190.42	
23 09 23 53-0050	EA	EXPORT UT UPGRADE S/W (Johnson Controls MS-EXPORT-6) Note: Material Only, Excludes Installation.	345.25	
23 09 23 53-0051	EA	FEC1611-0, FEC9, W/O (Johnson Controls MS-FEC1611-0) Note: Material Only, Excludes Installation.	297.32	
23 09 23 53-0052	EA	MS-FEC1611-0G (Johnson Controls MS-FEC1611-0G) Note: Material Only, Excludes Installation.	313.09	
23 09 23 53-0053	EA	FEC1621-0 FINAL ASSEMBLY (Johnson Controls MS-FEC1621-0) Note: Material Only, Excludes Installation.	483.89	
23 09 23 53-0054	EA	FEC2611-0,FEC17 (Johnson Controls MS-FEC2611-0) Note: Material Only, Excludes Installation.	428.16	
23 09 23 53-0055	EA	MS-FEC2611-0G (Johnson Controls MS-FEC2611-0G) Note: Material Only, Excludes Installation.	450.85	
23 09 23 53-0056	EA	FEC2621-1,FEC 17 (Johnson Controls MS-FEC2621-0) Note: Material Only, Excludes Installation.	614.72	
23 09 23 53-0057	EA	MS-FEC2621-0G (Johnson Controls MS-FEC2621-0G) Note: Material Only, Excludes Installation.	647.30	
23 09 23 53-0058	EA	CTRL 10 PT,W/ BASE,UL (Johnson Controls MS-FEU1610-0U) Note: Material Only, Excludes Installation.	312.05	
23 09 23 53-0059	EA	CTRL 10 PT,W/ BASE,DIS,UL (Johnson Controls MS-FEU1620-0U) Note: Material Only, Excludes Installation.	507.84	
23 09 23 53-0060	EA	CTRL 17 PT,W/ BASE,UL (Johnson Controls MS-FEU2610-0U) Note: Material Only, Excludes Installation.	449.32	
23 09 23 53-0061	EA	1 PKG OF 10 FUSES (Johnson Controls MS-FUSE01-0) Note: Material Only, Excludes Installation.	26.74	
23 09 23 53-0062	EA	MS GGT-0 GRAPHICS (Johnson Controls MS-GGT-0) Note: Material Only, Excludes Installation.	1,501.11	
23 09 23 53-0063	EA	MS-IOM1711-0 FINAL (Johnson Controls MS-IOM1711-0) Note: Material Only, Excludes Installation.	192.18	
23 09 23 53-0064	EA	MS-IOM1711-0G (Johnson Controls MS-IOM1711-0G) Note: Material Only, Excludes Installation.	202.37	
23 09 23 53-0065	EA	IO MOD 6PT,UL (Johnson Controls MS-IOM2710-0U) Note: Material Only, Excludes Installation.	263.86	
23 09 23 53-0066	EA	MS-IOM2711-0 FINAL (Johnson Controls MS-IOM2711-0) Note: Material Only, Excludes Installation.	240.22	
23 09 23 53-0067	EA	MS-IOM2711-0G (Johnson Controls MS-IOM2711-0G) Note: Material Only, Excludes Installation.	257.63	
23 09 23 53-0068	EA	MS-IOM3711-0,FINAL (Johnson Controls MS-IOM3711-0) Note: Material Only, Excludes Installation.	312.29	
23 09 23 53-0069	EA	MS-IOM3711-0G (Johnson Controls MS-IOM3711-0G) Note: Material Only, Excludes Installation.	328.84	
23 09 23 53-0070	EA	IOM4711,IOM 17 POINT,UL (Johnson Controls MS-IOM4711-0) Note: Material Only, Excludes Installation.	334.52	
23 09 23 53-0071	EA	MS-IOM4711-0G (Johnson Controls MS-IOM4711-0G) Note: Material Only, Excludes Installation.	338.95	
23 09 23 53-0072	EA	MS-LCS8520-0 SERVER (Johnson Controls MS-LCS8520-0) Note: Material Only, Excludes Installation.	16,772.75	
23 09 23 53-0073	EA	LCS8520 SOFTWARE UPGRADE (Johnson Controls MS-LCS85SW-6) Note: Material Only, Excludes Installation.	3,777.10	
23 09 23 53-0074	EA	LOCAL DISPL.TERMINAL KIT (Johnson Controls MS-LDT1102-0) Note: Material Only, Excludes Installation.	494.78	
23 09 23 53-0075	EA	METASYS INTEGRATOR (Johnson Controls MS-MIG3520-0) Note: Material Only, Excludes Installation.	4,629.71	
23 09 23 53-0076	EA	META INTEGR.R9 PERFORM. (Johnson Controls MS-MIGPST-0) Note: Material Only, Excludes Installation.	274.17	
23 09 23 53-0077	EA	METASYS INTEGR.SW-FACT. (Johnson Controls MS-MIGSWO-0) Note: Material Only, Excludes Installation.	490.90	
23 09 23 53-0078	EA	SOFTWARE, METASYS INTEGRA (Johnson Controls MS-MIGSWO-1) Note: Material Only, Excludes Installation.	490.90	
23 09 23 53-0079	EA	ENGINE IMAG SUBSC SVC 3YR (Johnson Controls MS-MULTENG-SC3) Note: Material Only, Excludes Installation.	1,549.83	
23 09 23 53-0080	EA	ENGINE IMAGE (Johnson Controls MS-MULTENG-SCS) Note: Material Only, Excludes Installation.	587.54	
23 09 23 53-0081	EA	ENGINE IMAGE (Johnson Controls MS-MULTENGSW-6) Note: Material Only, Excludes Installation.	1,068.35	
23 09 23 53-0082	EA	MVE 10 TO 25 USER (Johnson Controls MS-MVE1025U-8) Note: Material Only, Excludes Installation.	10,514.50	
23 09 23 53-0083	EA	MVE 10 USER SW, NEW ORDER (Johnson Controls MS-MVE10U-0) Note: Material Only, Excludes Installation.	23,804.64	
23 09 23 53-0084	EA	MVE,UPGRADE,10 (Johnson Controls MS-MVE10U-6) Note: Material Only, Excludes Installation.	6,991.20	
23 09 23 53-0085	EA	MVE 10 USER SW-SUBSCRIPT (Johnson Controls MS-MVE10U-SCS) Note: Material Only, Excludes Installation.	4,761.07	
23 09 23 53-0086	EA	MVE 25 USER SW, NEW ORDER (Johnson Controls MS-MVE25U-0) Note: Material Only, Excludes Installation.	33,816.02	
23 09 23 53-0087	EA	MVE,UPGRADE,25 (Johnson Controls MS-MVE25U-6) Note: Material Only, Excludes Installation.	9,173.65	
23 09 23 53-0088	EA	MS-MVE25U-SC3,MVE 25 (Johnson Controls MS-MVE25U-SC3) Note: Material Only, Excludes Installation.	20,139.31	
23 09 23 53-0089	EA	MVE 25 USER SW-SUBSCRIPT (Johnson Controls MS-MVE25U-SCS) Note: Material Only, Excludes Installation.	7,141.60	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0090	EA	MVE 5 TO 10 USER (Johnson Controls MS-MVE510U-8) Note: Material Only, Excludes Installation.	19,044.26	
23 09 23 53-0091	EA	MVE 5 TO 25 USER (Johnson Controls MS-MVE525U-8) Note: Material Only, Excludes Installation.	29,404.62	
23 09 23 53-0092	EA	MVE 5 USER SW, NEW ORDER (Johnson Controls MS-MVE5U-0) Note: Material Only, Excludes Installation.	4,477.02	
23 09 23 53-0093	EA	MVE,UPGRADE,5 USERS (Johnson Controls MS-MVE5U-6) Note: Material Only, Excludes Installation.	1,314.86	
23 09 23 53-0094	EA	MVE 5 USER SW-SUBSCRIPT (Johnson Controls MS-MVE5U-SCS) Note: Material Only, Excludes Installation.	1,666.37	
23 09 23 53-0095	EA	NAE 1 RS485 50 DEV (Johnson Controls MS-NAE3510-2) Note: Material Only, Excludes Installation.	2,777.37	
23 09 23 53-0096	EA	NAE 50 DEV,N2/MSTP, UL (Johnson Controls MS-NAE3510-2U) Note: Material Only, Excludes Installation.	2,900.50	
23 09 23 53-0097	EA	NAE 1 RS485 50 DEV MODEM (Johnson Controls MS-NAE3511-2) Note: Material Only, Excludes Installation.	2,930.00	
23 09 23 53-0098	EA	NAE 1 RS485 50 DEV BA UI (Johnson Controls MS-NAE3514-2) Note: Material Only, Excludes Installation.	1,965.78	
23 09 23 53-0099	EA	NAE 1 RS485 50 DEV BA UI (Johnson Controls MS-NAE3514-2G) Note: Material Only, Excludes Installation.	2,005.10	
23 09 23 53-0100	EA	NAE 1 RS485 50 DEV MDM BA (Johnson Controls MS-NAE3515-2) Note: Material Only, Excludes Installation.	2,117.02	
23 09 23 53-0101	EA	NAE 1 LON (Johnson Controls MS-NAE3520-2) Note: Material Only, Excludes Installation.	2,777.30	
23 09 23 53-0102	EA	MS-NAE3520-2G (Johnson Controls MS-NAE3520-2G) Note: Material Only, Excludes Installation.	2,916.17	
23 09 23 53-0103	EA	NAE 1 LON MODEM (Johnson Controls MS-NAE3521-2) Note: Material Only, Excludes Installation.	3,011.18	
23 09 23 53-0104	EA	NAE 1 LON BA UI (Johnson Controls MS-NAE3524-2) Note: Material Only, Excludes Installation.	1,900.26	
23 09 23 53-0105	EA	NAE 1 LON MDM BA UI (Johnson Controls MS-NAE3525-2) Note: Material Only, Excludes Installation.	2,047.96	
23 09 23 53-0106	EA	NAE 1 RS485 100 DEV 1=10 (Johnson Controls MS-NAE4510-2) Note: Material Only, Excludes Installation.	5,384.33	
23 09 23 53-0107	EA	NAE 100 DEV,N2/MSTP, UL (Johnson Controls MS-NAE4510-2U) Note: Material Only, Excludes Installation.	5,623.04	
23 09 23 53-0108	EA	NAE 1 RS485 100 DEV MODEM (Johnson Controls MS-NAE4511-2) Note: Material Only, Excludes Installation.	5,616.74	
23 09 23 53-0109	EA	NAE 1 LON (Johnson Controls MS-NAE4520-2) Note: Material Only, Excludes Installation.	4,794.50	
23 09 23 53-0110	EA	MS-NAE4521-2 (Johnson Controls MS-NAE4521-2) Note: Material Only, Excludes Installation.	5,028.39	
23 09 23 53-0111	EA	NAE 2-N2/MSTP, UL (Johnson Controls MS-NAE5510-1U) Note: Material Only, Excludes Installation.	8,504.26	
23 09 23 53-0112	EA	NAE55, 2 RS485 (Johnson Controls MS-NAE5510-2) Note: Material Only, Excludes Installation.	8,143.22	
23 09 23 53-0113	EA	NAE55, 2 RS485, BA (Johnson Controls MS-NAE5510-2G) Note: Material Only, Excludes Installation.	8,143.22	
23 09 23 53-0114	EA	FIPS 140-2 Hardened NAE5510 w/ Enclosure (Johnson Controls MS-NAE5510-EER) Note: Material Only, Excludes Installation.	16,275.41	
23 09 23 53-0115	EA	NAE55, 2 RS485, MODEM (Johnson Controls MS-NAE5511-2) Note: Material Only, Excludes Installation.	8,468.69	
23 09 23 53-0116	EA	NAE55, 2 RS485, LON (Johnson Controls MS-NAE5520-2) Note: Material Only, Excludes Installation.	9,059.64	
23 09 23 53-0117	EA	NAE55, 2 RS485, LON, MDM (Johnson Controls MS-NAE5521-2) Note: Material Only, Excludes Installation.	9,379.06	
23 09 23 53-0118	EA	NCM4500 NT CBL KIT (Johnson Controls MS-NC45NTE-0) Note: Material Only, Excludes Installation.	135.22	
23 09 23 53-0119	EA	NCM4500 NT CBL KIT,NORTH (Johnson Controls MS-NC45NTK-0) Note: Material Only, Excludes Installation.	103.90	
23 09 23 53-0120	EA	NCE, 33 POINTS, N2 (Johnson Controls MS-NCE2510-0) Note: Material Only, Excludes Installation.	1,708.54	
23 09 23 53-0121	EA	NCE, 33 POINTS, N2 (Johnson Controls MS-NCE2510-0G) Note: Material Only, Excludes Installation.	1,742.70	
23 09 23 53-0122	EA	NCE, 33 POINTS, N2, MDM (Johnson Controls MS-NCE2511-0) Note: Material Only, Excludes Installation.	1,767.46	
23 09 23 53-0123	EA	NCE, 33 PNTS, N2, DISPLY (Johnson Controls MS-NCE2516-0) Note: Material Only, Excludes Installation.	1,897.06	
23 09 23 53-0124	EA	NCE, 33 PTS, N2, MDM, DIS (Johnson Controls MS-NCE2517-0) Note: Material Only, Excludes Installation.	1,955.98	
23 09 23 53-0125	EA	NCE, 33 PNTS, LON (Johnson Controls MS-NCE2520-0) Note: Material Only, Excludes Installation.	1,708.54	
23 09 23 53-0126	EA	NCE, 33 PTS, LON, MDM (Johnson Controls MS-NCE2521-0) Note: Material Only, Excludes Installation.	1,767.46	
23 09 23 53-0127	EA	NCE, 33 PNTS, LON, DISPLY (Johnson Controls MS-NCE2526-0) Note: Material Only, Excludes Installation.	1,897.06	
23 09 23 53-0128	EA	NCE, 33 PTS LON, MDM, DIS (Johnson Controls MS-NCE2527-0) Note: Material Only, Excludes Installation.	1,955.98	
23 09 23 53-0129	EA	NCE, 33 POINTS, MSTP (Johnson Controls MS-NCE2560-0) Note: Material Only, Excludes Installation.	1,708.54	
23 09 23 53-0130	EA	NCE, 33 POINTS, MSTP (Johnson Controls MS-NCE2560-0G) Note: Material Only, Excludes Installation.	1,742.70	
23 09 23 53-0131	EA	NCE 33 PNTS,MSTP UL 864 (Johnson Controls MS-NCE2560-0U) Note: Material Only, Excludes Installation.	1,759.61	
23 09 23 53-0132	EA	NCE, 33 POINTS, MSTP, MDM (Johnson Controls MS-NCE2561-0) Note: Material Only, Excludes Installation.	1,767.46	
23 09 23 53-0133	EA	NCE, 33 POINTS, MSTP, MDM (Johnson Controls MS-NCE2561-0G) Note: Material Only, Excludes Installation.	1,802.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0134	EA	NCE, 33 PTS, MSTP, DISPLY (Johnson Controls MS-NCE2566-0) Note: Material Only, Excludes Installation.	1,789.69	
23 09 23 53-0135	EA	NCE, 33 PTS, MSTP, DISPLY (Johnson Controls MS-NCE2566-0G) Note: Material Only, Excludes Installation.	1,825.48	
23 09 23 53-0136	EA	NCE, 33 PTS, MSTP/MDM/DIS (Johnson Controls MS-NCE2567-0) Note: Material Only, Excludes Installation.	1,845.26	
23 09 23 53-0137	EA	NCE, 33 PTS, MSTP/MDM/DIS (Johnson Controls MS-NCE2567-0G) Note: Material Only, Excludes Installation.	1,882.16	
23 09 23 53-0138	EA	NCM 1 N2 ETH (Johnson Controls MS-NCM4510-2) Note: Material Only, Excludes Installation.	7,374.73	
23 09 23 53-0139	EA	NCM LON ETH (Johnson Controls MS-NCM4520-2) Note: Material Only, Excludes Installation.	9,754.94	
23 09 23 53-0140	EA	ETHERNET CARD FOR N30 (Johnson Controls MS-NET1300-0) Note: Material Only, Excludes Installation.	370.74	
23 09 23 53-0141	EA	NIE55, N1 (Johnson Controls MS-NIE5510-2) Note: Material Only, Excludes Installation.	8,143.22	
23 09 23 53-0142	EA	NIE55, N1, MODEM (Johnson Controls MS-NIE5511-2) Note: Material Only, Excludes Installation.	8,462.41	
23 09 23 53-0143	EA	NIE85 10KOBJT. RACKMOUNT (Johnson Controls MS-NIE8500-0) Note: Material Only, Excludes Installation.	16,096.36	
23 09 23 53-0144	EA	NXE8500 S/W NEW (Johnson Controls MS-NXE85SW-0) Note: Material Only, Excludes Installation.	13,180.59	
23 09 23 53-0145	EA	SOFTWARE UPGRADE (Johnson Controls MS-NXE85SW-6) Note: Material Only, Excludes Installation.	3,691.61	
23 09 23 53-0146	EA	8500 SW SUB SER (Johnson Controls MS-NXE85SW-SCS) Note: Material Only, Excludes Installation.	2,492.07	
23 09 23 53-0147	EA	READY ACCESS PORTAL/TYPE (Johnson Controls MS-RAP-0) Note: Material Only, Excludes Installation.	1,132.45	
23 09 23 53-0148	EA	METASYS SCT SOFTWARE (Johnson Controls MS-SCTSWO-0) Note: Material Only, Excludes Installation.	1,607.15	
23 09 23 53-0149	EA	MET.SYS.CONF.TOOL CD ROM (Johnson Controls MS-SCTSWO-6) Note: Material Only, Excludes Installation.	803.94	
23 09 23 53-0150	EA	CONNECTOR KIT,NAE (Johnson Controls MS-TBKNAE-0) Note: Material Only, Excludes Installation.	17.11	
23 09 23 53-0151	EA	MS-THINAPP-0, 10 THIN (Johnson Controls MS-THINAPP-0) Note: Material Only, Excludes Installation.	587.11	
23 09 23 53-0152	EA	MS-THINSUP-0 (Johnson Controls MS-THINSUP-0) Note: Material Only, Excludes Installation.	195.70	
23 09 23 53-0153	EA	VAV MSTP,CLG,UL (Johnson Controls MS-VMA1610-0U) Note: Material Only, Excludes Installation.	288.37	
23 09 23 53-0154	EA	NEXSYS FSC 01, UL (Johnson Controls MS-VMA1620-0U) Note: Material Only, Excludes Installation.	334.78	
23 09 23 53-0155	EA	MS-VMAACT-700 ACT. ASSY (Johnson Controls MS-VMAACT-700) Note: Material Only, Excludes Installation.	50.82	
23 09 23 53-0156	EA	WIRELSS FLDBUS COORDINATR (Johnson Controls MS-ZFR1810-0) Note: Material Only, Excludes Installation.	322.94	
23 09 23 53-0157	EA	ASSEMBLY SUPERVOSORY (Johnson Controls MS-ZFR1810-0G) Note: Material Only, Excludes Installation.	310.95	
23 09 23 53-0158	EA	WIRELSS FIELDBUS ROUTER (Johnson Controls MS-ZFR1811-0) Note: Material Only, Excludes Installation.	109.59	
23 09 23 53-0159	EA	WIRELSS FIELDBUS ROUTER (Johnson Controls MS-ZFR1811-0G) Note: Material Only, Excludes Installation.	121.12	
23 09 23 53-0160	EA	CABLE ACSRY FOR ZFR1811 (Johnson Controls MS-ZFRCBL-0) Note: Material Only, Excludes Installation.	16.03	
23 09 23 53-0161	EA	REPEATR ACSRY FOR ZFR1811 (Johnson Controls MS-ZFRRPT-0) Note: Material Only, Excludes Installation.	56.54	

23 09 23 53-0162 EMCS General Costs *(23 09 23 53)*

23 09 23 53-0163 EMCS System Design Engineering *(23 09 23 53-0162)*

Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks.

23 09 23 53-0164	HR	EMCS Site Inspection Of Existing Facilities	247.23	
23 09 23 53-0165	HR	EMCS Engineering Project Management	247.23	
23 09 23 53-0166	HR	EMCS System Engineering, Schematic Design And Layout	262.21	
23 09 23 53-0167	HR	EMCS System Software Programming And Graphics Programming	262.21	
23 09 23 53-0168	HR	EMCS Graphics Picture Creation	168.61	
23 09 23 53-0169	HR	EMCS System Controls Training	247.23	
23 09 23 53-0170	HR	EMCS On Site System Diagnostics Field Technician	247.23	
23 09 23 53-0171	HR	EMCS Remote Technical Support Using Phone Or Internet	206.08	
23 09 23 53-0172	HR	EMCS Travel Time (All Personnel)	213.56	

23 09 23 53-0173 Field Tests, Checkout And Commissioning *(23 09 23 53-0162)*

Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.

23 09 23 53-0174	PNT	EMCS Field Test Note: Priced per point.	131.15	
23 09 23 53-0175	PNT	EMCS Field Checkout And Startup Note: Priced per point.	131.15	
23 09 23 53-0176	PNT	EMCS Field Commissioning Note: Priced per point.	131.15	
23 09 23 53-0177	EA	EMCS Field Balance Support Note: Priced per controller.	112.37	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0178			EMCS System Engineering/Submittal Design And Layout *(23 09 23 53-0162)*		
			Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
	23 09 23 53-0179	PNT	EMCS System Engineering/Submittal Design And Layout	43.75	
			Note: Priced per point.		
23 09 23 53-0180			Install EMCS Field Devices And Controllers (Labor Only) *(23 09 23 53-0162)*		
			Note: This section is used when equipment or devices are supplied by others, usually in a maintenance or trouble shooting situation. Excludes cable or conduit between panel and device.		
	23 09 23 53-0181	EA	Mount An AHU Control Enclosure On Block, Masonry Or Gypsum Wall	226.65	37.46
	23 09 23 53-0182	EA	Install AHU Power Supply In A Control Enclosure	164.81	74.91
	23 09 23 53-0183	EA	Install Metal Box And Conduit Stub-Up For Sensor In Masonry Wall	226.65	37.46
	23 09 23 53-0184	EA	Install And Wire Room Sensor	61.83	37.46
	23 09 23 53-0185	EA	Install And Wire Duct Sensor	82.41	37.46
	23 09 23 53-0186	EA	Install And Wire AHU Averaging Sensor	267.80	187.29
	23 09 23 53-0187	EA	Install And Wire AHU Humidity Sensor	144.24	56.24
	23 09 23 53-0188	EA	Install And Wire AHU CO2 Sensor	206.08	56.24
	23 09 23 53-0189	EA	Install And Wire Fan Or Filter DP Switch	206.08	56.24
	23 09 23 53-0190	EA	Install And Wire Float Switch	164.81	37.46
	23 09 23 53-0191	EA	Install And Wire Freezestat	267.80	187.29
	23 09 23 53-0192	EA	Install And Wire Duct Static Pressure Sensor	144.24	74.91
	23 09 23 53-0193	EA	Install And Wire Duct High Static Sensor	82.41	37.46
	23 09 23 53-0194	EA	Install And Wire Emergency Stop Switch For AHU Or Other Equipment	82.41	37.46
	23 09 23 53-0195	EA	Install And Wire Emergency Stop Switch For AHU	247.23	74.91
	23 09 23 53-0196	EA	Install And Wire AHU Connection To Starter	247.23	187.29
	23 09 23 53-0197	EA	Install And Wire Connection To VFD	453.29	187.29
	23 09 23 53-0198	EA	Install And Wire AHU Valve Actuator	123.66	37.46
	23 09 23 53-0199	EA	Install And Wire AHU Damper Actuator	247.23	74.91
	23 09 23 53-0200	EA	Install And Wire AHU Smoke Detector Or Fire Alarm Relay	144.24	56.24
	23 09 23 53-0201	EA	Install And Wire AHU Electropneumatic Transducer	102.98	37.46
	23 09 23 53-0202	EA	Install And Wire Electric Heat Or Sequencer	247.23	74.91
	23 09 23 53-0203	EA	Install And Wire Connection To Outdoor Compressor	576.86	56.24
	23 09 23 53-0204	EA	Install And Wire AHU Magnahelic	206.08	37.46
	23 09 23 53-0205	EA	Install And Wire AHU Wireway For Control Enclosure	247.23	74.91
	23 09 23 53-0206	EA	Wire And Assemble AHU Control Enclosure	453.29	
			Note: Includes installing all panel devices for a medium size panel.		
	23 09 23 53-0207	EA	Field Install And Wire VAV Controller	164.81	74.91
			Note: Use when VAV box is previously installed.		
	23 09 23 53-0208	EA	Shop Install And Wire VAV Controller	144.24	
	23 09 23 53-0209	EA	Install And Wire VAV Power Supply	61.83	37.46
	23 09 23 53-0210	EA	Wire VAV Fan In Parallel Or Series Fan Box	82.41	37.46
	23 09 23 53-0211	EA	Install And Wire Fan Coil Unit Controller	412.04	112.37
	23 09 23 53-0212	EA	Mount Fan Coil Unit, Heat Pump, Or Unit Ventilator Controller	123.66	
	23 09 23 53-0213	EA	Install And Wire Central Plant Controller	576.86	337.13
			Note: For programmable DDC controller.		
	23 09 23 53-0214	EA	Mount Central Plant Enclosure For DDC Control Enclosure	226.65	37.46
			Note: For programmable DDC controller.		
	23 09 23 53-0215	EA	Install Central Plant Power Supply For DDC Programmable Controller	164.81	74.91
	23 09 23 53-0216	EA	Install Central Plant Wireway For Programmable Controller	247.23	74.91
	23 09 23 53-0217	EA	Install And Wire Chiller Controls For Enable And Setpoint Controls	494.45	112.37
	23 09 23 53-0218	EA	Install And Wire Chiller Flow Switch	494.45	224.75
	23 09 23 53-0219	EA	Install And Wire Chiller DP Transmitter	1,854.25	112.37
			Note: Includes installing copper tubing connection to water piping.		
	23 09 23 53-0220	EA	Install And Wire Boiler Controls For Enable And Alarm	370.89	112.37
	23 09 23 53-0221	EA	Install And Wire Boiler Safeties	370.89	112.37
			Note: For high water, low water and flame safeguard.		
	23 09 23 53-0222	EA	Install Boiler Control Panel Enclosure On Block, Masonry Or Gypsum Wall	824.08	468.28
	23 09 23 53-0223	EA	Wire And Terminate Combustion Air Damper	1,030.16	74.91
	23 09 23 53-0224	EA	Wire Oil Tank Interlock For Oil Boiler	515.02	74.91
	23 09 23 53-0225	EA	Install And Wire Boiler Emergency Stop Switch	1,030.16	224.75
	23 09 23 53-0226	EA	Wire And Terminate Temperature Well Sensor	102.98	56.24
			Note: Excludes well.		
	23 09 23 53-0227	EA	Install And Wire Strap On Sensor	247.23	56.24
	23 09 23 53-0228	EA	Install And Wire CO2 Sensor For Room Or Space	206.08	56.24
			Note: Excludes stub-up.		
	23 09 23 53-0229	EA	Install And Wire Valve Actuator	206.08	149.83
	23 09 23 53-0230	EA	Install And Wire Outside Air Temperature Sensor	370.89	112.37
	23 09 23 53-0231	EA	Install And Wire Outside Air Humidity Sensor	185.40	112.37
	23 09 23 53-0232	EA	Install And Wire Flow Sensor	453.29	224.75
	23 09 23 53-0233	EA	Install And Wire Pressure Sensor For Pump Or Building	453.29	224.75
	23 09 23 53-0234	EA	Install And Wire Pump Starter	247.23	56.24
	23 09 23 53-0235	EA	Install And Wire Pump VFD	453.29	112.37
	23 09 23 53-0236	EA	Install And Wire Pump DP Switch	618.12	224.75
			Note: Includes installing copper tubing connection to water piping.		
	23 09 23 53-0237	EA	Install And Wire System DP Transmitter	2,060.31	224.75
			Note: Includes installing copper tubing connection to water piping and wiring remote transmitter.		
	23 09 23 53-0238	EA	Mount Starter Sized Up To 100 HP	164.81	112.37
	23 09 23 53-0239	EA	Mount VFD Sized Up To 100 HP	412.04	374.58
	23 09 23 53-0240	EA	Install And Wire Cooling Tower Control Enclosure	741.68	224.75
	23 09 23 53-0241	EA	Install And Wire Vibration Switch For Cooling Tower	453.29	224.75
	23 09 23 53-0242	EA	Install And Wire Cooling Tower Basin Heater	247.23	224.75
	23 09 23 53-0243	EA	Install And Wire Basin Water Temperature Switch	247.23	112.37
	23 09 23 53-0244	EA	Install And Wire Cooling Tower Make-Up Water Valve	247.23	224.75
	23 09 23 53-0245	EA	Install And Wire Cooling Tower Make-Up Water Valve	247.23	224.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0246	EA	Install And Wire Refrigerant Monitor Panel	1,236.22	468.28
23 09 23 53-0247	EA	Install And Wire Break Glass Switch	247.23	112.37
23 09 23 53-0248	EA	Install And Wire Horn/Strobe For Refrigerant Monitor	185.40	74.91
23 09 23 53-0249	EA	Install And Wire Damper Actuator	247.23	74.91
23 09 23 53-0250	EA	Install And Wire Chemical Feed System	2,060.31	468.28
23 09 23 53-0251	EA	Wire And Assemble Control Enclosure Note: Includes installing all panel devices in large size panel.	494.45	
23 09 23 53-0252	EA	Install And Wire Exhaust Fan DDC Control Note: Start or stop and status.	515.02	93.69
23 09 23 53-0253	EA	Install And Wire Exhaust Fan Thermostat Control	164.81	56.24
23 09 23 53-0254	EA	Wire Lighting Contactor (Contactor Installed By Others)	515.02	74.91
23 09 23 53-0255	EA	Wire And Terminate Unit Heater	164.81	56.24
23 09 23 53-0256	EA	Wire Domestic Water Heater For Enable Or Disable	515.02	74.91
23 09 23 53-0257	EA	Wire And Install Current Transformer KWH Meter (With Power Off)	1,648.26	449.50
23 09 23 53-0258	EA	Wire Water Meter (Meter Installed By Others)	1,648.26	112.37
23 09 23 53-0259	EA	Wire Gas Meter (Meter Installed By Others)	1,648.26	112.37
23 09 23 53-0260	EA	Install Wireless Receiver And Wire To DDC Controls	206.08	74.91
23 09 23 53-0261	EA	Install Wireless Sensor	41.25	18.78
23 09 23 53-0262	EA	Wire Split System AC Thermostat	824.08	56.24
23 09 23 53-0263	EA	Wire Sump Pump Monitor Status Switch	618.12	112.37
23 09 23 53-0264	EA	Install Locking Cover/Wire Guard For Thermostat Or Wall Temperature Sensor	29.97	14.98
23 09 23 53-0265	EA	Install And Wire Combination Outside Air Temperature/Outside Air Humidity Sensor	556.28	224.75

23 09 23 53-0266 Alerton Controls *(23 09 23 53)*

23 09 23 53-0267	EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL)	9,747.17	
23 09 23 53-0268	EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM)	12,742.88	
23 09 23 53-0269	EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM)	33,433.99	
23 09 23 53-0270	EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE)	24,887.66	
23 09 23 53-0271	EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE)	65,370.25	
23 09 23 53-0272	EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE)	51,389.37	
23 09 23 53-0273	EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE)	78,864.43	
23 09 23 53-0274	EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH)	2,110.68	
23 09 23 53-0275	EA	Enterprise Edition With SQL Server Support, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-ENT1)	29,439.70	
23 09 23 53-0276	EA	Unlimited Controllers, Unlimited Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-LRG)	21,329.68	
23 09 23 53-0277	EA	150 Controllers, 3 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-MED)	12,679.92	
23 09 23 53-0278	EA	50 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-SM)	7,538.61	
23 09 23 53-0279	EA	10 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-XS)	2,822.46	
23 09 23 53-0280	EA	1 Ethernet, 1 MS/TP, BACtalk Control Module (Alerton 715000100)	5,336.89	239.73
23 09 23 53-0281	EA	Foreign Protocol Converter For P1 Systems, BACtalk Control Module (Alerton BCM-FPCS)	7,933.29	319.64
23 09 23 53-0282	EA	Modbus Gateway, BACtalk Control Module (Alerton BCM-MDBS)	7,823.53	319.64
23 09 23 53-0283	EA	V.90/56K Modem, BACtalk Control Module (Alerton BCM-MDM)	2,683.02	239.73
23 09 23 53-0284	EA	1 MS/TP, BACtalk Control Module (Alerton 715000300)	3,326.25	239.73
23 09 23 53-0285	EA	Power Supply, BACtalk Control Module (Alerton BCM-PWS)	2,485.10	239.73
23 09 23 53-0286	EA	1 TUX Trunk, BACtalk Control Module (Alerton BCM-TUX)	3,178.72	239.73
23 09 23 53-0287	EA	Web Server And Configurator CD, BACtalk Control Module (Alerton BCM-WEB)	8,008.73	239.73
23 09 23 53-0288	EA	BACtalk Field Level Gateway For Modbus (Alerton FLG-MODBUS)	3,356.96	319.64
23 09 23 53-0289	EA	EXP BACnet Controller (Alerton VLX)	7,474.09	639.28
23 09 23 53-0290	EA	VLX BACnet High Performance Controller (Alerton VLX-PLATINUM)	8,882.00	639.28
23 09 23 53-0291	EA	Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	1,191.65	71.18
23 09 23 53-0292	EA	4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	2,120.76	239.73
23 09 23 53-0293	EA	4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7)	2,269.21	239.73
23 09 23 53-0294	EA	4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	1,756.43	239.73
23 09 23 53-0295	EA	4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A)	1,963.34	239.73
23 09 23 53-0296	EA	5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD)	1,954.35	239.73
23 09 23 53-0297	EA	11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188)	3,141.83	239.73
23 09 23 53-0298	EA	16 Inputs, BACtalk Field Controller (Alerton VLC-1600)	2,324.08	239.73
23 09 23 53-0299	EA	16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160)	3,550.39	319.64
23 09 23 53-0300	EA	4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444)	1,543.10	159.83
23 09 23 53-0301	EA	5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550)	1,483.71	159.83
23 09 23 53-0302	EA	6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R)	1,976.83	239.73
23 09 23 53-0303	EA	6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R)	1,976.83	239.73
23 09 23 53-0304	EA	8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853)	2,456.32	239.73
23 09 23 53-0305	EA	16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688)	5,125.61	319.64
23 09 23 53-0306	EA	2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362)	2,062.29	239.73
23 09 23 53-0307	EA	Wireless Door Contact Sensor (Alerton AL-OC-DS)	151.64	8.99
23 09 23 53-0308	EA	One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT)	256.35	8.99
23 09 23 53-0309	EA	One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT)	680.97	8.99
23 09 23 53-0310	EA	Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT)	680.97	8.99
23 09 23 53-0311	EA	Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT)	526.25	8.99
23 09 23 53-0312	EA	BACnet-Compliant Wall Sensor (Alerton TS-1050-BT)	166.40	8.99
23 09 23 53-0313	EA	Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT)	719.66	8.99
23 09 23 53-0314	EA	Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT)	809.63	8.99
23 09 23 53-0315	EA	10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0)	3,132.84	239.73
23 09 23 53-0316	EA	10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8)	3,354.13	239.73
23 09 23 53-0317	EA	22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0)	3,163.42	239.73
23 09 23 53-0318	EA	50 Devices, Ascent Compass 1 Software, Small License (Alerton Compass-1-SM)	6,770.37	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0319	EA	Global Controller Base Unit (Alerton ACM)	3,658.49	239.73
23 09 23 53-0320	EA	External Battery Pack For ACM (Alerton ACM-BATT)	796.78	133.35
23 09 23 53-0321	EA	Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032)	592.45	
23 09 23 53-0322	EA	Microset 4 Wall Sensor (Alerton MS4-THC)	691.47	8.99
23 09 23 53-0323		**Automated Logic Controls** *(23 09 23 53)*		
23 09 23 53-0324	EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100)	3,579.64	239.73
23 09 23 53-0325	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320)	7,716.92	719.20
23 09 23 53-0326	EA	2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx)	2,352.52	239.73
23 09 23 53-0327	EA	4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx)	5,261.26	319.64
23 09 23 53-0328	EA	8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx)	5,169.68	319.64
23 09 23 53-0329	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160)	8,141.54	639.28
23 09 23 53-0330	EA	8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx)	4,574.44	319.64
23 09 23 53-0331	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320)	4,715.18	239.73
23 09 23 53-0332	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160)	7,592.09	639.28
23 09 23 53-0333	EA	No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642)	1,337.72	159.83
23 09 23 53-0334	EA	With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D)	1,413.63	159.83
23 09 23 53-0335	EA	3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+)	2,733.65	159.83
23 09 23 53-0336	EA	1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+)	2,630.63	159.83
23 09 23 53-0337	EA	Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF)	2,114.42	239.73
23 09 23 53-0338	EA	Unlimited Points, Front End Software For Building Control (Automated Logic WC)	14,393.79	
23 09 23 53-0339	EA	500 Point, Front End Software For Building Control (Automated Logic WC500)	8,807.65	
23 09 23 53-0340	EA	Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE)	12,246.11	
23 09 23 53-0341		**Cypress Envirosystems Controls** *(23 09 23 53)*		
23 09 23 53-0342		**Wireless Pneumatic Thermostat** *(23 09 23 53-0341)*		
		Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.		
23 09 23 53-0343	EA	Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP)	340.20	9.99
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-17.07*	
		For >200, Deduct	*-34.10*	
23 09 23 53-0344	EA	Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP)	340.20	9.99
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-17.07*	
		For >200, Deduct	*-34.10*	
23 09 23 53-0345	EA	Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP)	340.20	9.99
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-17.07*	
		For >200, Deduct	*-34.10*	
23 09 23 53-0346	EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP)	340.20	9.99
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-17.07*	
		For >200, Deduct	*-34.10*	
23 09 23 53-0347	EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP-DB)	385.92	9.99
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-19.61*	
		For >200, Deduct	*-39.18*	
23 09 23 53-0348	EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP-DB)	385.92	9.99
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-19.61*	
		For >200, Deduct	*-39.18*	
23 09 23 53-0349	EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB)	385.92	9.99
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-19.61*	
		For >200, Deduct	*-39.18*	
23 09 23 53-0350	EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP-DB)	395.76	9.99
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-20.15*	
		For >200, Deduct	*-40.27*	
23 09 23 53-0351	EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV)	30.13	9.99
		Note: Optional cover.		
		For >50 To 200, Deduct	*-1.12*	
		For >200, Deduct	*-2.24*	
23 09 23 53-0352	EA	Green Box Controller (Cypress Envirosystems GBC-800-001)	3,748.71	9.99
		Note: One unit for up to 100 thermostats.		
		For 2, Deduct	*-186.21*	
		For >2, Deduct	*-372.09*	
23 09 23 53-0353	EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB)	275.77	9.99
		Note: One unit for up to 100 thermostats.		
		For 2, Deduct	*-14.78*	
		For >2, Deduct	*-29.53*	
23 09 23 53-0354	EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL)	488.42	9.99
		Note: One unit for up to 15 thermostats.		
		For >5 To 10, Deduct	*-24.38*	
		For >10, Deduct	*-48.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0355	EA	24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) Note: One unit for up to 15 thermostats.	609.79	9.99
		For >5 To 10, Deduct	*-28.35*	
		For >10, Deduct	*-56.65*	

23 09 23 53-0356 Delta Controls *(23 09 23 53)*

23 09 23 53-0357 Software *(23 09 23 53-0356)*

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0358	EA	Orca Software Unlimited Points License (Delta Controls DOW333-USB)	1,513.50	
23 09 23 53-0359	EA	Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB)	2,404.08	
23 09 23 53-0360	EA	Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB)	5,208.84	
23 09 23 53-0361	EA	Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB)	8,325.06	
23 09 23 53-0362	EA	Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	4,318.26	
23 09 23 53-0363	EA	Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB)	1,513.50	
23 09 23 53-0364	EA	100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	3,516.90	
23 09 23 53-0365	EA	1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	4,318.26	
23 09 23 53-0366	EA	KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amp CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	1,609.60	99.89
23 09 23 53-0367	EA	Delta Controls Touch Screen (Delta Controls DHMI-7-I)	1,642.68	

23 09 23 53-0368 EMCS Central Equipment And Controllers *(23 09 23 53-0356)*

23 09 23 53-0369	EA	Fully Programmable, Native BACnet Building Controller, 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 bps, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E + DFM1616)	6,067.31	399.55
23 09 23 53-0370	EA	Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 Bps (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E)	4,785.14	399.55
23 09 23 53-0371	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	3,717.32	399.55
23 09 23 53-0372	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	3,717.32	399.55
23 09 23 53-0373	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	3,717.32	399.55
23 09 23 53-0374	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	3,522.05	399.55
23 09 23 53-0375	EA	VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	1,153.71	199.78
23 09 23 53-0376	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,067.57	199.78
23 09 23 53-0377	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	1,124.72	199.78
23 09 23 53-0378	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,067.57	199.78
23 09 23 53-0379	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	2,281.07	249.73
23 09 23 53-0380	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	609.61	99.89
23 09 23 53-0381	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	645.93	99.89
23 09 23 53-0382	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	740.13	99.89

23 09 23 53-0383 Network, VAV And Special Sensors *(23 09 23 53-0356)*

23 09 23 53-0384	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	188.04	31.96
23 09 23 53-0385	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24)	250.17	35.96
23 09 23 53-0386	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	466.17	14.98

23 09 23 53-0387 Honeywell Controls *(23 09 23 53)*

23 09 23 53-0388 EMCS Central Equipment And Controllers *(23 09 23 53-0387)*

23 09 23 53-0389 EMCS Network Area Controllers (BACnet Or Lon) *(23 09 23 53-0388)*

Note: Includes loading software, software license, loading data base and mounting on wall.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0390	EA	Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	8,079.13	486.96
23 09 23 53-0391	EA	Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	5,787.87	486.96
23 09 23 53-0392	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	4,626.33	486.96
23 09 23 53-0393	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	5,550.64	486.96
23 09 23 53-0394	EA	Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	4,594.51	486.96
23 09 23 53-0395	EA	Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	4,594.51	486.96
23 09 23 53-0396	EA	16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,914.18	486.96
23 09 23 53-0397	EA	16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	5,249.77	486.96
23 09 23 53-0398	EA	16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	4,914.18	486.96
23 09 23 53-0399	EA	16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	5,249.77	486.96
23 09 23 53-0400	EA	34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	5,252.67	486.96
23 09 23 53-0401	EA	34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	5,588.25	486.96
23 09 23 53-0402	EA	34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	5,252.67	486.96
23 09 23 53-0403	EA	34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	5,588.25	486.96
23 09 23 53-0404	EA	Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	5,534.73	486.96
23 09 23 53-0405	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only) Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	6,655.77	486.96
23 09 23 53-0406	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	7,001.48	486.96
23 09 23 53-0407	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ) Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	8,122.52	486.96
23 09 23 53-0408	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	7,017.39	486.96
23 09 23 53-0409	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	9,153.88	486.96

23 09 23 53-0410 EMCS Network Interfaces *(23 09 23 53-0388)*
Note: Includes installation, start-up and tech labor.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0411	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) Note: For desktop computer.	1,107.81	134.85
23 09 23 53-0412	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009) Note: For laptop computer.	952.31	89.90
23 09 23 53-0413	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010)	1,227.42	168.61
23 09 23 53-0414	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002)	1,828.44	243.53
23 09 23 53-0415	EA	Two Way Lon Repeater (Honeywell Q7740A1008)	990.91	243.53
23 09 23 53-0416	EA	FTT Termination Module For Network Bus (Honeywell 209541B)	80.11	29.97

23 09 23 53-0417 DDC Application Specific Controller Assemblies *(23 09 23 53-0388)*

Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.

23 09 23 53-0418	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,910.59	696.72
23 09 23 53-0419	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,536.01	412.54
23 09 23 53-0420	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,067.92	696.72
23 09 23 53-0421	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,693.34	453.49
23 09 23 53-0422	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,267.90	775.43
23 09 23 53-0423	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	1,986.91	581.36
23 09 23 53-0424	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,818.49	775.43
23 09 23 53-0425	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,425.23	593.34
23 09 23 53-0426	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,719.92	775.43
23 09 23 53-0427	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,345.34	458.49
23 09 23 53-0428	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,926.00	775.43
23 09 23 53-0429	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,551.32	516.43
23 09 23 53-0430	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	2,216.20	775.43
23 09 23 53-0431	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	1,834.13	457.49
23 09 23 53-0432	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	2,422.27	775.43
23 09 23 53-0433	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	2,040.09	515.42
23 09 23 53-0434	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	2,736.29	775.43
23 09 23 53-0435	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	2,395.47	495.45
23 09 23 53-0436	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies	3,148.43	775.43
23 09 23 53-0437	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies	2,807.51	580.35

23 09 23 53-0438 DDC Programmable Controller Assemblies *(23 09 23 53-0388)*

Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0445 for additional components.

23 09 23 53-0439	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	1,983.15	595.63
23 09 23 53-0440	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	2,257.42	595.63
23 09 23 53-0441	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	2,958.37	700.52
23 09 23 53-0442	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	3,232.64	700.52
23 09 23 53-0443	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	5,212.91	820.39
23 09 23 53-0444	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	5,529.96	820.39

23 09 23 53-0445 EMCS Optional DDC Controller Hardware *(23 09 23 53-0388)*

Note: Used to expand the capacity of DDC programmable controller assemblies.

23 09 23 53-0446	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005) Note: For constant volume single zone and heat pump AHUs.	329.80	
23 09 23 53-0447	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011) Note: For constant volume single zone and heat pump AHUs.	381.15	
23 09 23 53-0448	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001) Note: For constant volume single zone and heat pump AHUs.	399.23	
23 09 23 53-0449	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010)	376.81	
23 09 23 53-0450	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016)	382.60	
23 09 23 53-0451	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011)	373.92	
23 09 23 53-0452	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025)	321.85	
23 09 23 53-0453	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004)	279.90	
23 09 23 53-0454	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002)	410.08	
23 09 23 53-0455	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000)	366.69	
23 09 23 53-0456	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002)	405.02	
23 09 23 53-0457	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011)	859.94	
23 09 23 53-0458	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017)	1,069.69	
23 09 23 53-0459	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002)	534.48	
23 09 23 53-0460	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010)	526.53	
23 09 23 53-0461	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027)	258.20	
23 09 23 53-0462	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016)	293.64	
23 09 23 53-0463	EA	IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001)	542.44	
23 09 23 53-0464	EA	IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001)	580.05	
23 09 23 53-0465	EA	AI Module (Honeywell XFL521B)	363.07	
23 09 23 53-0466	EA	AO Module (Honeywell XFL522B)	363.07	
23 09 23 53-0467	EA	DI Module (Honeywell XFL523B)	363.07	
23 09 23 53-0468	EA	DO Module (Honeywell XFL524B)	363.07	
23 09 23 53-0469	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511)	64.37	
23 09 23 53-0470	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513)	121.51	
23 09 23 53-0471	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514)	119.34	
23 09 23 53-0472	EA	Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI)	365.24	
23 09 23 53-0473	EA	Lon Hub (Honeywell XIO-HUB)	54.24	
23 09 23 53-0474	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO)	365.24	
23 09 23 53-0475	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI)	336.31	
23 09 23 53-0476	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO)	336.31	
23 09 23 53-0477	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC)	354.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0478	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000)	354.39	
23 09 23 53-0479	EA	Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI)	509.89	
23 09 23 53-0480	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16) Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.	601.74	
23 09 23 53-0481	EA	34 Point IO Module For Network Area Controllers (Honeywell W7750A2005) Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.	1,278.71	
23 09 23 53-0482		EMCS Software *(23 09 23 53-0387)*		
23 09 23 53-0483		Software Packages And License *(23 09 23 53-0482)* Note: Includes installation on equipment.		
23 09 23 53-0484	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB) Note: Requires UI services to be installed on NAC.	407.91	
23 09 23 53-0485	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX) Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	1,617.71	
23 09 23 53-0486	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX) Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).	4,556.48	
23 09 23 53-0487	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS) Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.	2,712.19	
23 09 23 53-0488	EA	Upgrade Small Building To Large Building Software Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.	3,136.53	
23 09 23 53-0489	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W) Note: One copy is included with WEB-S-AX and WEBStation-AX.	2,235.06	
23 09 23 53-0490	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) Note: Includes license for 10 points of E^2 Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E^2 Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.	3,931.08	
23 09 23 53-0491	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E^2 Profiler Points (Honeywell WES-CP-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	571.59	
23 09 23 53-0492	EA	Perpetual License For One Point Of E^2 Profiler (Honeywell WES-E2-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	401.62	
23 09 23 53-0493	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	21,002.68	
23 09 23 53-0494	EA	Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX) Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	19,179.08	
23 09 23 53-0495	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	7,265.77	
23 09 23 53-0496	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS)	5,421.48	
23 09 23 53-0497	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500)	1,567.28	
23 09 23 53-0498	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	1,567.28	
23 09 23 53-0499	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL) Note: Excludes Oracle.	10,848.75	
23 09 23 53-0500	EA	Open System Driver Option (Honeywell WS-SNMP-500) Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	1,446.50	
23 09 23 53-0501	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500)	1,567.28	
23 09 23 53-0502	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003) Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	4,098.66	
23 09 23 53-0503	EA	WEBStation Additional Node (Honeywell ZW2000B1002)	1,567.28	
23 09 23 53-0504	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001)	26,278.57	
23 09 23 53-0505	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000)	48,216.91	
23 09 23 53-0506	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009)	84,379.41	
23 09 23 53-0507	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008)	4,339.50	
23 09 23 53-0508	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007)	2,169.75	
23 09 23 53-0509	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001)	1,789.54	
23 09 23 53-0510	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055) Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.	1,943.17	
23 09 23 53-0511		Initial Database Generation *(23 09 23 53-0482)*		
23 09 23 53-0512	PNT	Database Generation For Central Plant	67.03	
23 09 23 53-0513	PNT	Database Generation For Programmable Controller. Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	67.03	
23 09 23 53-0514	EA	Database Generation For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	67.03	
23 09 23 53-0515	EA	Replication Of Database Generation For Application Specific Controller Note: Price per copy made.	46.65	
23 09 23 53-0516	EA	Database Generation For Remote IO Modules, Sensors, Etcetera	46.65	
23 09 23 53-0517		Application Software Programs *(23 09 23 53-0482)*		
23 09 23 53-0518	EA	Basic Application Program Package Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.	2,796.88	
23 09 23 53-0519	EA	Optimum Start/Stop Program Note: Priced per controller requiring optimum start programming.	93.49	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0520	EA	Duty Cycling Program	44.15	
23 09 23 53-0521	EA	Hot Deck/Cold Deck Reset Application Program	4,804.94	
23 09 23 53-0522	EA	Boiler Optimization Program	6,296.58	
23 09 23 53-0523	EA	Chiller Optimization Program	8,529.35	
23 09 23 53-0524	EA	Lighting Control Program	4,115.93	
23 09 23 53-0525	EA	Demand Limiting Program Note: Priced per controller requiring optimum start programming.	82.00	
23 09 23 53-0526	EA	Email Alarm Server Configuration	3,175.27	
23 09 23 53-0527		**Color Graphics Generation** *(23 09 23 53-0482)* Note: Priced per page.		
23 09 23 53-0528	EA	Single Site Home Page Graphics Page With HTML Navigation Code	1,675.94	
23 09 23 53-0529	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	2,975.57	
23 09 23 53-0530	EA	Color Graphics Page For Central Plant	761.46	
23 09 23 53-0531	EA	Color Graphics Page For Building Floor Plan	703.12	
23 09 23 53-0532	EA	Replication Of Color Graphics Page For Central Plant	381.97	
23 09 23 53-0533	EA	Color Graphics Page For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	856.65	
23 09 23 53-0534	EA	Replication Of Color Graphics Page For Programmable Controller Note: Priced per copy made.	183.19	
23 09 23 53-0535	EA	Color Graphics Page For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	792.32	
23 09 23 53-0536	EA	Replication Of Color Graphics Page For Application Specific Cont Note: Priced per copy made.	79.22	
23 09 23 53-0537		**Sensors, Actuators And Control Devices** *(23 09 23 53-0387)* Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 53-0538		**Special Sensors** *(23 09 23 53-0537)*		
23 09 23 53-0539	EA	Dewpoint Sensor (Honeywell C7232B1014)	1,344.79	61.83
23 09 23 53-0540	EA	Enthalpy Sensor -25 To 125 F	1,400.68	61.83
23 09 23 53-0541	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	708.65	123.66
23 09 23 53-0542	EA	Freezestat (Honeywell L482A1004)	505.27	206.08
23 09 23 53-0543	EA	Wall Mounted Occupancy Sensor	343.07	61.83
23 09 23 53-0544	EA	Ceiling Mounted Occupancy Sensor	281.46	61.83
23 09 23 53-0545	EA	I/P Positioner With Gauge	330.13	61.83
23 09 23 53-0546	EA	Non Communicating Duct Mounted Smoke Detector With Sampling Tube	396.24	61.83
23 09 23 53-0547	EA	EP Transducer	330.13	41.25
23 09 23 53-0548	EA	Electric Heat Sequencer	532.49	82.41
23 09 23 53-0549		**Meters** *(23 09 23 53-0537)*		
23 09 23 53-0550	EA	KW/KWh Meter/Current Transformer 208 - 480 Volt, Up To 2,400 Amps	3,358.85	494.45
23 09 23 53-0551	EA	KW/KWh Meter/Current Transformer 208 - 480 Volt, Up To 2,400 Amps With LON interface	4,925.63	576.86
23 09 23 53-0552	EA	Current Transformer For KW Meter 1 - 300 Amps	1,220.25	206.08
23 09 23 53-0553	EA	Current Transformer For KW Meter 300 - 800 Amps	1,364.24	206.08
23 09 23 53-0554	EA	Current Transformer For KW Meter 800 - 2,400 Amp	1,640.40	206.08
23 09 23 53-0555		**Direct Coupled Actuators** *(23 09 23 53-0537)*		
23 09 23 53-0556	EA	44 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002)	472.74	85.67
23 09 23 53-0557	EA	88 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200)	513.30	85.67
23 09 23 53-0558	EA	175 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209)	583.05	85.67
23 09 23 53-0559	EA	44 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008)	449.00	85.67
23 09 23 53-0560	EA	88 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206)	492.63	85.67
23 09 23 53-0561	EA	175 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205)	535.83	85.67
23 09 23 53-0562	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator	495.01	85.67
23 09 23 53-0563	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206)	557.22	85.67
23 09 23 53-0564	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205)	624.37	85.67
23 09 23 53-0565	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209)	416.64	85.67
23 09 23 53-0566	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209)	449.76	85.67
23 09 23 53-0567	EA	175 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200)	516.31	85.67
23 09 23 53-0568	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007)	547.63	85.67
23 09 23 53-0569	EA	300 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030)	547.24	85.67
23 09 23 53-0570	EA	300 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008)	633.14	85.67
23 09 23 53-0571	EA	Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018)	430.21	85.67
23 09 23 53-0572	EA	Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368)	726.85	85.67
23 09 23 53-0573	EA	Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator	332.52	85.67
23 09 23 53-0574	EA	Direct Coupled Damper Actuator Enclosure For Outdoor Use	492.59	85.67
23 09 23 53-0575		**Thermostats** *(23 09 23 53-0387)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0576		**Electric And Electronic Thermostats** *(23 09 23 53-0575)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 53-0577	EA	Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018)	158.09	14.98
23 09 23 53-0578	EA	Electronic Non Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320)	168.36	14.98
23 09 23 53-0579	EA	Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110)	156.94	14.98
23 09 23 53-0580	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220)	172.59	14.98
23 09 23 53-0581	EA	Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320)	184.36	14.98
23 09 23 53-0582	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321)	259.74	14.98
23 09 23 53-0583	EA	Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F)	367.11	14.98
23 09 23 53-0584	EA	Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H)	579.40	14.98
23 09 23 53-0585	EA	Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M)	616.29	14.98
23 09 23 53-0586		**Pneumatic Thermostats** *(23 09 23 53-0575)* Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 53-0587	EA	Pneumatic Thermostat (Honeywell TP970B2182)	204.38	14.98
23 09 23 53-0588		**Thermostats Guards** *(23 09 23 53-0575)*		
23 09 23 53-0589	EA	9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009)	52.19	14.98
23 09 23 53-0590	EA	7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511)	60.75	14.98
23 09 23 53-0591	EA	5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510)	57.67	14.98
23 09 23 53-0592		**Johnson Controls** *(23 09 23 53)*		
23 09 23 53-0593		**Software** *(23 09 23 53-0592)* Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0594	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0)	11,702.07	
23 09 23 53-0595	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0)	13,824.46	
23 09 23 53-0596	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0)	760.20	
23 09 23 53-0597	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2)	1,109.98	
23 09 23 53-0598	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0)	1,903.44	
23 09 23 53-0599	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0)	766.12	
23 09 23 53-0600	EA	New User FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0)	762.64	
23 09 23 53-0601	EA	Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6)	329.57	
23 09 23 53-0602		**Supervisory Controllers** *(23 09 23 53-0592)*		
23 09 23 53-0603	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2)	5,934.39	399.55
23 09 23 53-0604	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2)	8,733.46	399.55
23 09 23 53-0605	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1)	11,538.74	399.55
23 09 23 53-0606	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0)	4,856.20	399.55
23 09 23 53-0607		**Controllers** *(23 09 23 53-0592)*		
23 09 23 53-0608	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0)	696.99	99.89
23 09 23 53-0609	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0)	883.63	199.78
23 09 23 53-0610	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0)	1,227.44	199.78
23 09 23 53-0611	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0)	1,414.08	199.78
23 09 23 53-0612	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0)	589.92	99.89
23 09 23 53-0613	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0)	637.51	99.89
23 09 23 53-0614	EA	BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0)	708.90	99.89
23 09 23 53-0615	EA	17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0)	718.41	99.89
23 09 23 53-0616	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2)	1,462.64	199.78
23 09 23 53-0617	EA	32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 VAC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0)	706.37	99.89
23 09 23 53-0618	EA	32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 VAC, and Sensor Actuator Bus, Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications (Johnson Controls MS-VMA1930-0)	978.41	99.89
23 09 23 53-0619		**Master FX Controllers** *(23 09 23 53-0592)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0620	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C)	1,790.99	199.78
23 09 23 53-0621	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C)	1,903.88	199.78
23 09 23 53-0622	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C)	1,959.98	199.78
23 09 23 53-0623	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C)	1,925.89	199.78
23 09 23 53-0624	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C)	1,872.61	199.78
23 09 23 53-0625	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C)	1,881.15	199.78
23 09 23 53-0626	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C)	1,872.61	199.78
23 09 23 53-0627	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C)	1,904.00	199.78
23 09 23 53-0628	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C)	2,001.50	199.78
23 09 23 53-0629	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C)	2,066.49	199.78
23 09 23 53-0630	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C)	2,033.99	199.78
23 09 23 53-0631	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C)	1,967.47	199.78
23 09 23 53-0632	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C)	1,904.00	199.78
23 09 23 53-0633	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C)	2,001.50	199.78
23 09 23 53-0634	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C)	2,066.49	199.78
23 09 23 53-0635	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C)	2,033.99	199.78
23 09 23 53-0636	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C)	1,967.47	199.78
23 09 23 53-0637	EA	N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C)	215.04	49.94
23 09 23 53-0638	EA	LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C)	295.02	49.94
23 09 23 53-0639	EA	RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C)	237.49	49.94
23 09 23 53-0640	EA	BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C)	215.04	49.94
23 09 23 53-0641	EA	Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C)	587.99	49.94
23 09 23 53-0642	EA	Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C)	546.84	49.94
23 09 23 53-0643	EA	5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C)	556.48	49.94
23 09 23 53-0644	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C)	556.48	49.94
23 09 23 53-0645	EA	5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C)	604.60	49.94
23 09 23 53-0646	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C)	604.60	49.94
23 09 23 53-0647	EA	6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C)	742.94	49.94
23 09 23 53-0648	EA	6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C)	742.94	49.94
23 09 23 53-0649	EA	6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C)	821.13	49.94
23 09 23 53-0650	EA	6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C)	821.13	49.94

23 09 23 53-0651 VAV, Network And Special Sensors *(23 09 23 53-0592)*

23 09 23 53-0652	EA	3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0)	376.50	31.96
23 09 23 53-0653	EA	3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0)	140.50	31.96
23 09 23 53-0654	EA	3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0)	296.33	31.96
23 09 23 53-0655	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0)	432.41	31.96
23 09 23 53-0656	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0)	158.17	31.96
23 09 23 53-0657	EA	3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0)	394.04	31.96

23 09 23 53-0658 Sensors - Hard Wired Type *(23 09 23 53-0592)*

23 09 23 53-0659	EA	Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00)	154.50	57.54
23 09 23 53-0660	EA	Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0)	120.30	31.96
23 09 23 53-0661	EA	BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2) Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	297.89	14.98
23 09 23 53-0662	EA	BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2) Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 VDC control input, three speeds of fan control, and dehumidification capability.	395.56	14.98
23 09 23 53-0663	EA	BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2) Note: For VVT systems.	298.43	14.98
23 09 23 53-0664	EA	BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2)	385.33	31.96
23 09 23 53-0665	EA	BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	469.86	31.96

23 09 23 53-0666 Melink Intelli-Hood IH3 Controls *(23 09 23 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0667		**Kitchen Ventilation Controllers** *(23 09 23 53-0666)*		
23 09 23 53-0668	EA	Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001) Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points include: 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up.	6,752.62	399.55
23 09 23 53-0669	EA	Graphical User Interface (Melink Intelli-Hood 2KPD-3001) Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.	1,181.59	82.41
23 09 23 53-0670	EA	Hood Controller (Melink Intelli-Hood 2SEN-3001) Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.	2,090.98	332.63
23 09 23 53-0671		**Kitchen Ventilation Sensors** *(23 09 23 53-0666)*		
23 09 23 53-0672	EA	Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q) Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.	367.97	57.54
23 09 23 53-0673	EA	Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28) Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.	3,040.05	319.64
23 09 23 53-0674		**Siemens Controls** *(23 09 23 53)*		
23 09 23 53-0675	EA	Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083)	288.28	14.98
23 09 23 53-0676	EA	Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085)	209.93	14.98
23 09 23 53-0677	EA	SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575)	240.37	67.49
23 09 23 53-0678	EA	-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591)	340.39	67.49
23 09 23 53-0679	EA	Spring Clip Mounting Kit For Thermostat (Siemens 182-685)	47.82	9.99
23 09 23 53-0680	EA	Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001)	161.79	99.89
23 09 23 53-0681	EA	3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012)	256.62	16.92
23 09 23 53-0682	EA	1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079)	453.21	30.73
23 09 23 53-0683	EA	1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203)	892.53	30.73
23 09 23 53-0684	EA	1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006)	763.14	38.93
23 09 23 53-0685	EA	36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36)	233.76	57.54
23 09 23 53-0686	EA	-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768)	185.11	31.96
23 09 23 53-0687	EA	Unit Conditioner Controller With Secure Mode (Siemens 540-110C)	1,069.08	159.83
23 09 23 53-0688	EA	9-Pin, Female To RJ-11 Cable (Siemens 540-143)	70.30	5.00
23 09 23 53-0689	EA	Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800)	1,200.10	159.83
23 09 23 53-0690	EA	MMI Extension Cable (Siemens 545-712)	189.53	5.00
23 09 23 53-0691	EA	Remote Pressure Transmitter (Siemens 547-003)	876.96	31.96
23 09 23 53-0692	EA	Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400)	605.34	79.91
23 09 23 53-0693	EA	BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433)	499.96	79.91
23 09 23 53-0694	EA	Replacement Door Lock And Key Assembly (Siemens 567-225)	30.72	19.97
23 09 23 53-0695	EA	Insight Advanced Software Package (Siemens 571-010-381-USB) Note: Includes one user license and one sentinel key.	8,748.06	
23 09 23 53-0696	EA	BACnet Client Option For Insight Advanced Software Package (Siemens 571-188)	395.81	
23 09 23 53-0697	EA	Soft Controller Option For Insight Advanced Software Package (Siemens 571-620)	1,997.37	
23 09 23 53-0698	EA	1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059)	301.82	10.22
23 09 23 53-0699	EA	2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Glove Valve (Siemens 599-03062)	630.24	17.72
23 09 23 53-0700	EA	Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C)	8,811.00	399.55
23 09 23 53-0701	EA	SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F)	9,824.23	399.55
23 09 23 53-0702	EA	7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U)	112.79	14.98
23 09 23 53-0703	EA	Two Position, 24 VAC/VDC, Standard Cabling, Dual Auxiallary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U)	474.38	85.67
23 09 23 53-0704	EA	Modulating, 0 To 10 VDC, , 24 VAC/VDC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U)	491.96	85.67
23 09 23 53-0705	EA	License To Enable 4 TX-I/O Modules On the Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A)	2,517.68	
23 09 23 53-0706	EA	License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN)	508.38	
23 09 23 53-0707	EA	License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A)	1,636.19	
23 09 23 53-0708	EA	License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB)	1,171.29	
23 09 23 53-0709	EA	License To Enable 4 TX-I/O Modules On the Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A)	1,006.90	
23 09 23 53-0710	EA	License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP)	2,976.84	
23 09 23 53-0711	EA	16-Switch HOA Upgrade Kit (Siemens PXA16-M)	479.25	2.00
23 09 23 53-0712	EA	16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR)	534.18	8.00
23 09 23 53-0713	EA	8-Switch HOA Upgrade Kit (Siemens PXA8-M)	273.55	2.00
23 09 23 53-0714	EA	18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18)	341.12	19.97
23 09 23 53-0715	EA	19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19)	538.54	19.97
23 09 23 53-0716	EA	34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34)	711.92	19.97
23 09 23 53-0717	EA	Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5)	29.49	9.99
23 09 23 53-0718	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA)	680.96	49.94
23 09 23 53-0719	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA)	963.48	49.94
23 09 23 53-0720	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA)	785.05	49.94

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0721	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA)	1,082.45	49.94
23 09 23 53-0722	EA	PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A)	5,266.74	559.38
23 09 23 53-0723	EA	PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A)	4,014.77	159.83
23 09 23 53-0724	EA	Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A)	6,869.99	639.28
23 09 23 53-0725	EA	16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A)	2,456.77	299.67
23 09 23 53-0726	EA	16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A)	2,658.46	299.67
23 09 23 53-0727	EA	16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A)	2,524.82	299.67
23 09 23 53-0728	EA	24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A)	3,028.75	319.64
23 09 23 53-0729	EA	24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	3,168.01	319.64
23 09 23 53-0730	EA	24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A)	3,133.46	319.64
23 09 23 53-0731	EA	24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A)	3,258.24	319.64
23 09 23 53-0732	EA	24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	3,130.31	319.64
23 09 23 53-0733	EA	24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	3,257.39	319.64
23 09 23 53-0734	EA	36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	4,956.27	559.38
23 09 23 53-0735	EA	36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	7,576.91	639.28
23 09 23 53-0736	EA	License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	755.32	
23 09 23 53-0737	EA	Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	464.85	39.96
23 09 23 53-0738	EA	Controller Mounted Operator Display Module (Siemens PXM10T)	583.06	79.91
23 09 23 53-0739	EA	Provides FLN Support For The PXC Modular, Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported (Siemens PXX-485.3)	527.89	19.97
23 09 23 53-0740	EA	Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN)	277.50	57.54
23 09 23 53-0741	EA	Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	188.11	31.96
23 09 23 53-0742	EA	4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	126.57	31.96
23 09 23 53-0743	EA	8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	169.64	57.54
23 09 23 53-0744	EA	24' Flexible Averaging Probe (Siemens QAM2012.750)	253.63	57.54
23 09 23 53-0745	EA	2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	206.20	57.54
23 09 23 53-0746	EA	10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	2,182.82	321.84
23 09 23 53-0747	EA	Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12)	27.35	9.99
23 09 23 53-0748	EA	Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.49	
23 09 23 53-0749	EA	16 Digital Input Module (Siemens TXM1.16D)	406.52	9.99
23 09 23 53-0750	EA	6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M)	598.95	9.99
23 09 23 53-0751	EA	8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML)	942.35	19.97
23 09 23 53-0752	EA	1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4)	349.15	31.96

23 09 23 53-0753 Trane Controls *(23 09 23 53)*

23 09 23 53-0754 Software *(23 09 23 53-0753)*

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0755	EA	Summit + Building Management Package (Trane 40201152)	4,394.56	
23 09 23 53-0756	EA	Summit Current Version Software (Trane 40201111)	2,519.54	
23 09 23 53-0757	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	587.02	
23 09 23 53-0758	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	2,506.08	
23 09 23 53-0759	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	6,764.50	

23 09 23 53-0760 EMCS Central Equipment And Controllers *(23 09 23 53-0753)*

23 09 23 53-0761	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	4,640.06	399.55
23 09 23 53-0762	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	9,404.22	399.55
23 09 23 53-0763	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	9,404.22	399.55
23 09 23 53-0764	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	8,369.75	399.55
23 09 23 53-0765	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	9,572.52	399.55
23 09 23 53-0766	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	159.77	24.97
23 09 23 53-0767	EA	Summit Comm5 Repeater (Trane 49500457)	1,240.57	199.78
23 09 23 53-0768	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	2,007.37	249.73
23 09 23 53-0769	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	2,552.41	299.67
23 09 23 53-0770	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)	2,074.40	299.67
23 09 23 53-0771	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	1,804.71	299.67
23 09 23 53-0772	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	1,802.62	299.67
23 09 23 53-0773	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	774.02	99.89
23 09 23 53-0774	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	714.60	99.89
23 09 23 53-0775	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,310.43	199.78
23 09 23 53-0776	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,261.15	199.78
23 09 23 53-0777	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	692.84	99.89
23 09 23 53-0778	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	621.29	99.89
23 09 23 53-0779	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	868.89	99.89
23 09 23 53-0780	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	797.73	99.89
23 09 23 53-0781	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	699.21	99.89
23 09 23 53-0782	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	671.61	99.89
23 09 23 53-0783	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	755.78	99.89
23 09 23 53-0784	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	699.21	99.89
23 09 23 53-0785	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	1,041.18	199.78
23 09 23 53-0786	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,111.55	199.78

23 09 23 53-0787 Network, VAV And Special Sensors *(23 09 23 53-0753)*

23 09 23 53-0788	EA	Digital Display Zone Sensor (Trane X13790464010)	161.03	31.96
23 09 23 53-0789	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	114.91	31.96
23 09 23 53-0790	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	107.13	31.96
23 09 23 53-0791	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	196.02	35.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0792	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	125.52	31.96
23 09 23 53-0793	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	125.52	31.96
23 09 23 53-0794	EA	Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010)	399.97	57.54
23 09 23 53-0795	EA	Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)	351.60	31.96
23 09 23 53-0796	EA	Transformer 120/24 40 VA (Trane X13550284010)	103.25	31.96
23 09 23 53-0797	EA	Transformer 24 Volt AC Wall Plug-In (Trane 35803005)	100.47	31.96
23 09 23 53-0798	EA	Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022)	96.02	31.96
23 09 23 53-0799	EA	Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010)	1,139.30	199.78
23 09 23 53-0800	EA	Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)	1,101.33	199.78
23 09 23 53-0801	EA	Controller UC400 XM32 Module (4 Relay) (Trane X13651563010)	1,022.24	199.78
23 09 23 53-0802	EA	Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010)	1,759.28	299.67
23 09 23 53-0803	EA	Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010)	1,022.24	199.78
23 09 23 53-0804	EA	Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011)	1,062.30	199.78
23 09 23 53-0805	EA	Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011)	1,065.58	199.78
23 09 23 53-0806	EA	Controller Optional Metal Enclosure, UC210 (Trane 501898)	417.07	198.93
23 09 23 53-0807	EA	Controller UC400 PM014 24 Volt AC To 1.4 Amp 24 Volt DC (Trane X1365153801)	550.90	198.93
23 09 23 53-0808	EA	Controller Tracer UC600 Controller (Trane BMUC600AAA0100011)	1,927.63	299.67
23 09 23 53-0809	EA	Controller UC600 Tracer TD7 Display (Trane X13651571010)	1,866.51	299.67
23 09 23 53-0810	EA	Controller UC600 TD7 Mounting Bracket (Trane X05010511010)	117.14	39.81
23 09 23 53-0811	EA	Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010)	380.64	39.81
23 09 23 53-0812	EA	SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010)	1,965.41	299.67
23 09 23 53-0813	EA	BACnet Term (2 Pack) (Trane X1365152401)	190.62	71.62
23 09 23 53-0814	EA	Tracer ES Add License (Trane X40250125010)	2,406.06	
23 09 23 53-0815	EA	Kit - Tracer TU For Controls (Trane X4509151201)	3,433.92	399.55
23 09 23 53-0816	EA	Kit - Tracer TU Complete (Trane X4509151301)	4,365.11	399.55
23 09 23 53-0817	EA	Tracer TU Adapter Wired/Wireless (Trane X13651529010)	426.20	71.62
23 09 23 53-0818	EA	Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010)	262.29	71.62
23 09 23 53-0819	EA	Sensor Wireless Display Sensor (Trane X13790822010)	291.19	71.62
23 09 23 53-0820	EA	Sensor Wireless Receiver, 100mW (Trane X13790854010)	265.07	71.62
23 09 23 53-0821	EA	Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010)	344.89	71.62
23 09 23 53-0822	EA	Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010)	372.09	71.62

23 09 23 53-0823 Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators *(23 09 23 53)*

23 09 23 53-0824 Current Switches And Current Sensors *(23 09 23 53-0823)*

23 09 23 53-0825	EA	Current Sensor, 0-20 Amp, 0-5 Volt DC (Senva C-1203)	108.80	31.96
23 09 23 53-0826	EA	Current Sensor, 0-20 Amp, 4-20mA (Senva C-1205)	112.13	31.96
23 09 23 53-0827	EA	VFD Current Switch, 0.5-135 Amp Range, Split Core (Senva C-2350VFD-L)	161.03	31.96
23 09 23 53-0828	EA	Current Switch, 0.15-100 Amp Range, Split Core With NC Command Relay (Senva C-2300 And CR4-24)	104.36	31.96
23 09 23 53-0829	EA	DC Current Sensor, Split Core, 0-50/100/200 Amp (Selectable), 4-20mA, 0-5 Volt DC (Veris H970HCA)	274.37	31.96
23 09 23 53-0830	EA	DC Current Sensor, Split Core, 0-20/40/80 Amp (Selectable), 0-20mA, 0-5 Volt DC (Veris H970LCC)	183.05	31.96
23 09 23 53-0831	EA	Current Switch, 1-135 Amp, N.O. Contact 1A @ 110 Volt (Veris H709)	145.02	31.96
23 09 23 53-0832	EA	Current Switch, 0-10/20/40 Amp, 4-20mA Analog Output, Solid Core, Loop Powered (Veris H721)	145.02	31.96
23 09 23 53-0833	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC)	3,399.70	159.83
23 09 23 53-0834	EA	Power Transducer, Modbus RTU, 100 Amp (Veris H8035-0100-2) Note: 3 phase networked transducer.	858.53	31.96
23 09 23 53-0835	EA	Energy Meter, Three Current Switches, Pulse Output, Phase Loss Alarm Output, 2,400 Amp (Veris H8163-2400-4-3)	1,293.34	31.96
23 09 23 53-0836	EA	Current Transducer, 0-20 Amp, 0-5 Volt DC (Kele 4CTV)	153.96	31.96
23 09 23 53-0837	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	256.33	84.90
23 09 23 53-0838	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900)	256.60	84.90
23 09 23 53-0839	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	269.93	84.90
23 09 23 53-0840	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	273.26	84.90
23 09 23 53-0841	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	292.16	84.90
23 09 23 53-0842	EA	Toggle Switch	108.34	39.96
23 09 23 53-0843	EA	Maintained Pushbutton Switch	113.78	39.96
23 09 23 53-0844	EA	Manual Time Switch	165.07	39.96
23 09 23 53-0845	EA	Emergency Stop Switch	256.79	39.96
23 09 23 53-0846	EA	Float Switch	277.03	39.96
23 09 23 53-0847	EA	Break Glass Switch	806.63	39.96
23 09 23 53-0848	EA	Boiler E-Stop Switch	556.45	39.96

23 09 23 53-0849 Relays *(23 09 23 53-0823)*

23 09 23 53-0850	EA	DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V)	93.80	31.96
23 09 23 53-0851	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1)	100.63	31.96
23 09 23 53-0852	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B) Note: Box type.	138.63	39.96
23 09 23 53-0853	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	161.94	31.96
23 09 23 53-0854	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	88.84	31.96
23 09 23 53-0855	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05)	87.84	31.96
23 09 23 53-0856	EA	SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V)	93.80	31.96
23 09 23 53-0857	EA	DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V)	96.92	31.96
23 09 23 53-0858	EA	SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V)	97.78	31.96
23 09 23 53-0859	EA	SPDT Pilot Relay, Universal (Kele RIBU1C) Note: Box type.	109.84	39.96
23 09 23 53-0860	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S) Note: Box type.	137.73	39.96
23 09 23 53-0861	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400)	223.74	39.96
23 09 23 53-0862	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450)	222.51	39.96

23 09 23 53-0863 Transformers *(23 09 23 53-0823)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0864	EA	50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA)	108.07	31.96
23 09 23 53-0865	EA	75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	115.82	31.96
23 09 23 53-0866	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	115.82	31.96
23 09 23 53-0867	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	122.85	31.96
23 09 23 53-0868	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	127.17	31.96

23 09 23 53-0869 Power Supplies *(23 09 23 53-0823)*

23 09 23 53-0870	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	151.70	31.96
23 09 23 53-0871	EA	AC/DC Power Supply, 1.2 Amp @ 24 Volt Output (Kele DCPA-1.2)	173.23	31.96
23 09 23 53-0872	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	163.53	31.96
23 09 23 53-0873	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	168.12	31.96
23 09 23 53-0874	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	164.03	31.96
23 09 23 53-0875	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	170.87	31.96
23 09 23 53-0876	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amp (Kele DCP-1.5-W-C)	133.20	31.96

23 09 23 53-0877 Control Damper Actuators *(23 09 23 53-0823)*

23 09 23 53-0878	EA	44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	440.19	85.79
23 09 23 53-0879	EA	90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	476.01	85.79
23 09 23 53-0880	EA	90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	534.68	85.79
23 09 23 53-0881	EA	175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	562.71	85.79
23 09 23 53-0882	EA	90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	579.35	85.79
23 09 23 53-0883	EA	360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	644.76	85.79

23 09 43 Pneumatic Control System For HVAC *(23 09)*

23 09 43 00-0001 Pneumatic Tubing For HVAC Instrumentation and Control Devices *(23 09 43)*

23 09 43 00-0002 Polyurethane Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0003	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	1.92	0.80
23 09 43 00-0004	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	2.33	0.82
23 09 43 00-0005	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	2.91	0.85
23 09 43 00-0006	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.57	0.87

23 09 43 00-0007 Fire Resistant Polyethylene Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0008	LF	1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	1.77	0.80
23 09 43 00-0009	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	1.88	0.82
23 09 43 00-0010	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.10	0.85
23 09 43 00-0011	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.50	0.87

23 09 43 00-0012 Nylon Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0013	LF	1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	2.00	0.77
23 09 43 00-0014	LF	1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	2.51	0.80
23 09 43 00-0015	LF	3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	3.56	0.85
23 09 43 00-0016	LF	1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	4.45	0.87

23 09 43 00-0017 Flexible Vinyl Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0018	LF	1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	1.98	0.80
23 09 43 00-0019	LF	3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.92	0.85
23 09 43 00-0020	LF	1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.44	0.87
23 09 43 00-0021	LF	5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.09	0.90
23 09 43 00-0022	LF	3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.57	0.93
23 09 43 00-0023	LF	1" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.07	0.95

23 09 43 00-0024 Braided Vinyl Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0025	LF	5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	2.56	0.90
23 09 43 00-0026	LF	3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	2.90	0.93
23 09 43 00-0027	LF	1" Outside Diameter Braided Vinyl Pneumatic Tubing	3.51	0.95

23 09 43 00-0028 Copper Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0029	LF	1/4" Outside Diameter Copper Pneumatic Tubing	4.05	1.74
23 09 43 00-0030	LF	3/8" Outside Diameter Copper Pneumatic Tubing	4.83	1.99
23 09 43 00-0031	LF	1/2" Outside Diameter Copper Pneumatic Tubing	5.58	2.29
23 09 43 00-0032	LF	5/8" Outside Diameter Copper Pneumatic Tubing	6.72	2.64
23 09 43 00-0033	LF	3/4" Outside Diameter Copper Pneumatic Tubing	7.69	3.04

23 09 43 00-0034 Brass Couplings *(23 09 43 00-0001)*

See CSI section 22 11 16 00-0368 for copper tubing.

23 09 43 00-0035 Straight Brass Couplings *(23 09 43 00-0034)*

Note: Barb x Barb

23 09 43 00-0036	EA	1/4" x 1/4" Straight Brass Coupling	9.28	4.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 43 00-0037	EA	3/8" x 1/4" Straight Brass Coupling	9.36	4.37
23 09 43 00-0038	EA	3/8" x 3/8" Straight Brass Coupling	9.45	4.37
23 09 43 00-0039		Elbow Brass Couplings *(23 09 43 00-0034)*		
		Note: Barb x Barb		
23 09 43 00-0040	EA	1/4" x 1/4" Elbow Brass Coupling	9.75	4.37
23 09 43 00-0041	EA	3/8" x 3/8" Elbow Brass Coupling	10.03	4.37
23 09 43 00-0042		Tee Brass Couplings *(23 09 43 00-0034)*		
		Note: Barb x Barb		
23 09 43 00-0043	EA	1/4" x 1/4" x 1/4" Tee Brass Coupling	14.93	6.81
23 09 43 00-0044	EA	3/8" x 3/8" x 1/4" Tee Brass Coupling	16.92	7.30
23 09 43 00-0045	EA	3/8" x 3/8" x 3/8" Tee Brass Coupling	16.62	7.30

23 10 Facility Fuel Systems *(23)*

23 11 Facility Fuel Piping *(23 10)*

23 11 23 Facility Natural-Gas Piping *(23 11)*

23 11 23 00-0001		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping *(23 11 23)*		
23 11 23 00-0002		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*		
		Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.		
23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.58	1.71
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	7.26	1.84
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	8.86	1.99
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	11.50	2.11
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	13.75	2.22
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	21.73	2.31
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.95	2.46
23 11 23 00-0010		Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0001)*		
23 11 23 00-0011		Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.81	
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.81	
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.07	
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.07	
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.77	
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.55	
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	58.55	
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	104.65	
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	198.18	
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	326.02	
23 11 23 00-0022		Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.62	
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.07	
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.07	
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.77	
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.77	
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.62	
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.62	
23 11 23 00-0030		Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.48	
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	56.69	
23 11 23 00-0033		Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	43.74	
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	48.83	
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	62.69	
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	92.73	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	180.24	
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	359.51	
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	602.47	
23 11 23 00-0041		Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	59.91	
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	102.07	
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	167.36	
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	295.38	
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	318.00	
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	366.42	
23 11 23 00-0048		Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.57	
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.66	
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	43.33	
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	60.48	
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	61.48	
23 11 23 00-0054		Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	43.21	
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	44.11	
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	52.75	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	63.12	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	63.12	
23 11 23 00-0060		Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	60.08	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	61.61	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.09	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	114.51	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	119.19	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	180.51	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	229.14	
23 11 23 00-0068		Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	64.57	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	66.02	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	74.34	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	149.89	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	154.87	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	220.28	
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	283.03	
23 11 23 00-0076		Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.87	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	43.25	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	69.83	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	111.99	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	226.21	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	365.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0083		Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes mounting plate.		
23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.19	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.47	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.23	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.37	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.68	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	43.44	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	53.51	
23 11 23 00-0091		Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	99.01	17.91
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	113.37	18.80
23 11 23 00-0094		Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	68.03	15.67
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	78.70	18.62
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	97.11	22.39
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	119.53	29.91
23 11 23 00-0099		Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
		Note: Includes mounting hardware.		
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	84.18	18.62
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	94.25	22.39
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	91.58	18.62
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	99.04	22.39
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	174.72	55.97
23 11 23 00-0105		Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.17	18.62
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.17	18.62
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	134.45	18.62
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	141.91	22.39
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	141.91	22.39
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	156.83	29.91
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	246.35	33.58
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	126.61	18.62
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	342.46	22.39
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	855.02	33.58
23 11 23 00-0116		Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft) *(23 11 23)*		
23 11 23 00-0117		3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12)	42.91	13.43
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18)	47.66	14.33
23 11 23 00-0120	EA	24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24)	52.20	14.33
23 11 23 00-0121	EA	30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30)	54.95	15.22
23 11 23 00-0122	EA	36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36)	58.53	15.22
23 11 23 00-0123	EA	48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48)	66.98	16.12
23 11 23 00-0124	EA	60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60)	74.60	16.12
23 11 23 00-0125	EA	72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72)	82.15	17.01
23 11 23 00-0126		3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0127	EA	12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12)	42.91	13.43

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23 11 23 00-0128	EA	18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18)	47.66	14.33
23 11 23 00-0129	EA	24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24)	52.20	14.33
23 11 23 00-0130	EA	30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30)	54.95	15.22
23 11 23 00-0131	EA	36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36)	58.53	15.22
23 11 23 00-0132	EA	48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48)	66.98	16.12
23 11 23 00-0133	EA	60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60)	74.60	16.12
23 11 23 00-0134	EA	72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72)	82.15	17.01
23 11 23 00-0135		3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0136	EA	12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12)	42.91	13.43
23 11 23 00-0137	EA	18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18)	47.66	14.33
23 11 23 00-0138	EA	24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24)	52.20	14.33
23 11 23 00-0139	EA	30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30)	54.95	15.22
23 11 23 00-0140	EA	36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36)	58.53	15.22
23 11 23 00-0141	EA	48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48)	66.98	16.12
23 11 23 00-0142	EA	60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60)	74.60	16.12
23 11 23 00-0143	EA	72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72)	82.15	17.01
23 11 23 00-0144		3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0145	EA	12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12)	42.91	13.43
23 11 23 00-0146	EA	18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18)	47.66	14.33
23 11 23 00-0147	EA	24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24)	64.39	14.33
23 11 23 00-0148	EA	30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30)	54.95	15.22
23 11 23 00-0149	EA	36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36)	58.53	15.22
23 11 23 00-0150	EA	48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48)	66.98	16.12
23 11 23 00-0151	EA	60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60)	74.60	16.12
23 11 23 00-0152	EA	72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72)	82.15	17.01
23 11 23 00-0153		3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0154	EA	12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12)	47.61	13.43
23 11 23 00-0155	EA	18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18)	53.50	14.33
23 11 23 00-0156	EA	24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24)	52.20	14.33
23 11 23 00-0157	EA	30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30)	62.40	15.22
23 11 23 00-0158	EA	36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36)	58.53	15.22
23 11 23 00-0159	EA	48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48)	66.98	16.12
23 11 23 00-0160	EA	60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60)	74.60	16.12
23 11 23 00-0161	EA	72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72)	82.15	17.01
23 11 23 00-0162		3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0163	EA	12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12)	42.91	13.43
23 11 23 00-0164	EA	24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24)	59.10	14.33
23 11 23 00-0165	EA	30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30)	54.95	15.22
23 11 23 00-0166	EA	36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36)	58.53	15.22

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23 11 23 00-0167	EA	48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48)	66.98	16.12
23 11 23 00-0168	EA	60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60)	87.02	16.12
23 11 23 00-0169	EA	72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72)	82.15	17.01
23 11 23 00-0170		3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0171	EA	12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12)	42.91	13.43
23 11 23 00-0172	EA	18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18)	47.66	14.33
23 11 23 00-0173	EA	24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24)	52.20	14.33
23 11 23 00-0174	EA	30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30)	54.95	15.22
23 11 23 00-0175	EA	36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36)	58.53	15.22
23 11 23 00-0176	EA	48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48)	66.98	16.12
23 11 23 00-0177	EA	60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60)	74.60	16.12
23 11 23 00-0178	EA	72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72)	82.15	17.01
23 11 23 00-0179		3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0180	EA	12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12)	42.91	13.43
23 11 23 00-0181	EA	18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18)	47.66	14.33
23 11 23 00-0182	EA	24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24)	52.20	14.33
23 11 23 00-0183	EA	30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30)	54.95	15.22
23 11 23 00-0184	EA	36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36)	58.53	15.22
23 11 23 00-0185	EA	48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48)	66.98	16.12
23 11 23 00-0186	EA	60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60)	74.60	16.12
23 11 23 00-0187	EA	72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72)	82.15	17.01
23 11 23 00-0188		3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0189	EA	18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18)	53.50	14.33
23 11 23 00-0190	EA	24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24)	52.20	14.33
23 11 23 00-0191	EA	30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30)	62.40	15.22
23 11 23 00-0192	EA	36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36)	66.77	15.22
23 11 23 00-0193	EA	48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48)	77.43	16.12
23 11 23 00-0194		1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0195	EA	12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12)	42.91	13.43
23 11 23 00-0196	EA	18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18)	47.66	14.33
23 11 23 00-0197	EA	24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24)	47.32	14.33
23 11 23 00-0198	EA	30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30)	54.95	15.22
23 11 23 00-0199	EA	36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36)	52.70	15.22
23 11 23 00-0200	EA	48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48)	68.75	16.12
23 11 23 00-0201	EA	60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60)	74.60	16.12
23 11 23 00-0202	EA	72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72)	82.15	17.01
23 11 23 00-0203		1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0204	EA	12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12)	42.91	13.43

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23 11 23 00-0205	EA	18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18)	43.68	14.33
23 11 23 00-0206	EA	24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24)	44.63	14.33
23 11 23 00-0207	EA	30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30)	54.95	15.22
23 11 23 00-0208	EA	36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36)	58.53	15.22
23 11 23 00-0209	EA	48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48)	59.36	16.12
23 11 23 00-0210	EA	60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60)	74.60	16.12
23 11 23 00-0211	EA	72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72)	82.15	17.01
23 11 23 00-0212		1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0213	EA	12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12)	42.91	13.43
23 11 23 00-0214	EA	18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18)	47.66	14.33
23 11 23 00-0215	EA	24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24)	52.20	14.33
23 11 23 00-0216	EA	30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30)	54.95	15.22
23 11 23 00-0217	EA	36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36)	48.64	15.22
23 11 23 00-0218	EA	48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48)	66.98	16.12
23 11 23 00-0219	EA	60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60)	74.60	16.12
23 11 23 00-0220	EA	72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72)	82.15	17.01
23 11 23 00-0221		3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0222	EA	12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12)	59.64	13.43
23 11 23 00-0223	EA	18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18)	64.36	14.33
23 11 23 00-0224	EA	24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24)	68.90	14.33
23 11 23 00-0225	EA	30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30)	71.63	15.22
23 11 23 00-0226	EA	36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36)	75.37	15.22
23 11 23 00-0227	EA	48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48)	83.29	16.12
23 11 23 00-0228	EA	60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60)	91.59	16.12
23 11 23 00-0229	EA	72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72)	99.16	17.01
23 11 23 00-0230		3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0231	EA	12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12)	68.60	17.91
23 11 23 00-0232	EA	18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18)	73.31	18.80
23 11 23 00-0233	EA	24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24)	77.86	18.80
23 11 23 00-0234	EA	30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30)	80.58	19.70
23 11 23 00-0235	EA	36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36)	84.33	19.70
23 11 23 00-0236	EA	48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48)	92.25	20.59
23 11 23 00-0237	EA	60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60)	100.56	20.59
23 11 23 00-0238	EA	72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72)	108.12	21.49
23 11 23 00-0239		3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0240	EA	12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	68.60	17.91
23 11 23 00-0241	EA	18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	73.31	18.80
23 11 23 00-0242	EA	24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	77.86	18.80
23 11 23 00-0243	EA	30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	80.58	19.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0244	EA	36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	84.33	19.70
23 11 23 00-0245	EA	48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	92.25	20.59
23 11 23 00-0246	EA	60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	100.56	20.59
23 11 23 00-0247	EA	72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72)	108.12	21.49
23 11 23 00-0248		3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0249	EA	12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	82.20	17.91
23 11 23 00-0250	EA	18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	86.91	18.80
23 11 23 00-0251	EA	24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	91.46	18.80
23 11 23 00-0252	EA	30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	94.18	19.70
23 11 23 00-0253	EA	36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	97.95	19.70
23 11 23 00-0254	EA	48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	105.86	20.59
23 11 23 00-0255	EA	60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	114.17	20.59
23 11 23 00-0256		3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0257	EA	12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12)	82.20	17.91
23 11 23 00-0258	EA	18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18)	86.91	18.80
23 11 23 00-0259	EA	24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24)	91.46	18.80
23 11 23 00-0260	EA	36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36)	97.95	19.70
23 11 23 00-0261	EA	48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48)	105.86	20.59
23 11 23 00-0262	EA	60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60)	114.17	20.59
23 11 23 00-0263		1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0264	EA	12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12)	82.20	17.91
23 11 23 00-0265	EA	18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18)	86.91	18.80
23 11 23 00-0266	EA	24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24)	91.46	18.80
23 11 23 00-0267	EA	30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30)	94.18	19.70
23 11 23 00-0268	EA	36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36)	97.95	19.70
23 11 23 00-0269	EA	48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48)	105.86	20.59
23 11 23 00-0270	EA	60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60)	114.17	20.59
23 11 23 00-0271	EA	72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72)	121.72	21.49
23 11 23 00-0272		1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0273	EA	12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12)	65.01	17.91
23 11 23 00-0274	EA	18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18)	69.75	18.80
23 11 23 00-0275	EA	24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24)	74.31	18.80
23 11 23 00-0276	EA	30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30)	77.00	19.70
23 11 23 00-0277	EA	36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36)	80.76	19.70
23 11 23 00-0278	EA	48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48)	88.66	20.59
23 11 23 00-0279	EA	72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72)	104.49	21.49
23 11 23 00-0280		1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0281	EA	18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18)	79.42	18.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0282	EA	24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24)	85.06	18.80

23 11 23 00-0283 Quarter-Turn, Gas Ball Valve *(23 11 23)*

23 11 23 00-0284	EA	3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102)	37.76	9.53
23 11 23 00-0285	EA	1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103)	37.35	9.72
23 11 23 00-0286	EA	3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104)	54.66	10.70
23 11 23 00-0287	EA	3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112)	37.35	9.53
23 11 23 00-0288	EA	1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113)	39.31	9.72
23 11 23 00-0289	EA	1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118)	45.06	9.72
23 11 23 00-0290	EA	5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121)	48.08	10.22
23 11 23 00-0291	EA	5/8" (7/8"-14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114)	51.01	10.22
23 11 23 00-0292	EA	5/8" (15/16"-16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115)	51.01	10.22
23 11 23 00-0293	EA	3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312)	39.54	9.53
23 11 23 00-0294	EA	1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313)	41.50	9.72
23 11 23 00-0295	EA	5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314)	52.56	10.22
23 11 23 00-0296	EA	1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413)	41.79	9.72
23 11 23 00-0297	EA	3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414)	56.32	10.70
23 11 23 00-0298	EA	3/8" (9/16"-24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119)	39.43	9.53
23 11 23 00-0299	EA	3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612)	37.06	9.53
23 11 23 00-0300	EA	1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613)	37.34	9.72
23 11 23 00-0301	EA	3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614)	51.51	10.70
23 11 23 00-0302	EA	1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615)	71.49	12.16
23 11 23 00-0303	EA	1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616)	105.18	12.65
23 11 23 00-0304	EA	1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617)	125.78	14.59
23 11 23 00-0305	EA	2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618)	156.50	17.51
23 11 23 00-0306	EA	1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713)	38.61	9.72
23 11 23 00-0307	EA	3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714)	51.12	10.70

23 11 23 00-0308 Gas Stops *(23 11 23)*

23 11 23 00-0309 Brass/Bronze Gas Stops *(23 11 23 00-0308)*

Note: Flat or square head

23 11 23 00-0310	EA	3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	41.72	9.72
23 11 23 00-0311	EA	1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	42.04	9.72
23 11 23 00-0312	EA	3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	55.37	10.70
23 11 23 00-0313	EA	1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	76.38	12.16
23 11 23 00-0314	EA	1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	101.03	12.94
23 11 23 00-0315	EA	1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	126.08	14.98
23 11 23 00-0316	EA	2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	172.13	17.71

23 11 23 00-0317 Iron Body Gas Stops *(23 11 23 00-0308)*

23 11 23 00-0318	EA	1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	54.72	9.72
23 11 23 00-0319	EA	3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	67.85	10.70
23 11 23 00-0320	EA	1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	83.91	12.16
23 11 23 00-0321	EA	1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	108.34	12.94
23 11 23 00-0322	EA	1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	135.26	14.98
23 11 23 00-0323	EA	2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	174.22	17.71
23 11 23 00-0324	EA	2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	328.68	23.91
23 11 23 00-0325	EA	3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	437.15	27.76

23 11 23 00-0326 Bronze Body Solenoid Valves, 150 PSI Gas *(23 11 23)*

23 11 23 00-0327	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas	130.87	9.72
23 11 23 00-0328	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas	152.29	9.72
23 11 23 00-0329	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas	194.34	10.70
23 11 23 00-0330	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas	289.35	12.16
23 11 23 00-0331	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	514.48	14.98
23 11 23 00-0332	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas	868.74	17.71
23 11 23 00-0333	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	1,077.97	23.91
23 11 23 00-0334	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas	1,616.82	27.76

23 11 26 Facility Liquefied-Petroleum Gas Piping *(23 11)*

23 11 26 00-0001 Fiberglass Reinforced Plastic Pipe And Fittings *(23 11 26)*

23 11 26 00-0002 Fiberglass Reinforced Plastic Pipe *(23 11 26 00-0001)*

Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (include in modifier for use as inner pipe).

23 11 26 00-0003	LF	2" Fiberglass Reinforced Plastic Pipe	16.25	6.45
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-7.22*	
23 11 26 00-0004	LF	3" Fiberglass Reinforced Plastic Pipe	19.48	7.70
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-8.67*	
23 11 26 00-0005	LF	4" Fiberglass Reinforced Plastic Pipe	26.11	11.37
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-12.76*	
23 11 26 00-0006	LF	5" Fiberglass Reinforced Plastic Pipe	30.51	13.08
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-14.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0007	LF	6" Fiberglass Reinforced Plastic Pipe	35.52	14.60
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-16.45*	
23 11 26 00-0008	LF	8" Fiberglass Reinforced Plastic Pipe	47.11	16.94
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-19.03*	
23 11 26 00-0009	LF	10" Fiberglass Reinforced Plastic Pipe	61.96	20.14
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-22.68*	
23 11 26 00-0010	LF	12" Fiberglass Reinforced Plastic Pipe	84.80	25.36
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-28.53*	

23 11 26 00-0011 Fiberglass Reinforced Plastic Fittings *(23 11 26 00-0001)*

23 11 26 00-0012 Fiberglass Reinforced Plastic Flanged 90 Degree Elbows *(23 11 26 00-0011)*

23 11 26 00-0013	EA	2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	129.19	64.21
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-72.22*	
23 11 26 00-0014	EA	3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	152.84	77.11
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-86.66*	
23 11 26 00-0015	EA	4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	182.20	89.55
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-100.68*	
23 11 26 00-0016	EA	5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	217.07	100.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-110.50*	
23 11 26 00-0017	EA	6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	259.99	112.39
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-126.37*	
23 11 26 00-0018	EA	8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	367.17	140.44
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-157.96*	
23 11 26 00-0019	EA	10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	468.87	169.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.23*	
23 11 26 00-0020	EA	12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	648.06	209.78
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-235.89*	

23 11 26 00-0021 Fiberglass Reinforced Plastic Flanged 45 Degree Elbows *(23 11 26 00-0011)*

23 11 26 00-0022	EA	2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	129.44	64.21
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-72.22*	
23 11 26 00-0023	EA	3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	152.91	77.11
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-86.66*	
23 11 26 00-0024	EA	4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	182.45	89.64
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-100.75*	
23 11 26 00-0025	EA	5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	226.48	106.47
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-117.54*	
23 11 26 00-0026	EA	6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	259.90	112.39
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-126.37*	
23 11 26 00-0027	EA	8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	367.17	140.44
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-157.96*	
23 11 26 00-0028	EA	10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	500.58	169.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.23*	
23 11 26 00-0029	EA	12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	648.06	209.78
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-235.89*	

23 11 26 00-0030 Fiberglass Reinforced Plastic Flanged Tees *(23 11 26 00-0011)*

23 11 26 00-0031	EA	2" Fiberglass Reinforced Plastic Flanged Tee	195.77	96.36
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-108.33*	
23 11 26 00-0032	EA	3" Fiberglass Reinforced Plastic Flanged Tee	239.27	116.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-130.46*	
23 11 26 00-0033	EA	4" Fiberglass Reinforced Plastic Flanged Tee	274.49	134.42
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-151.13*	
23 11 26 00-0034	EA	5" Fiberglass Reinforced Plastic Flanged Tee	335.69	159.67
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-176.38*	
23 11 26 00-0035	EA	6" Fiberglass Reinforced Plastic Flanged Tee	381.67	169.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.23*	
23 11 26 00-0036	EA	8" Fiberglass Reinforced Plastic Flanged Tee	477.36	209.78
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-235.89*	
23 11 26 00-0037	EA	10" Fiberglass Reinforced Plastic Flanged Tee	689.25	253.75
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-285.35*	
23 11 26 00-0038	EA	12" Fiberglass Reinforced Plastic Flanged Tee	893.34	308.51
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-346.90*	

23 11 26 00-0039 Fiberglass Reinforced Plastic Flanged Wyes *(23 11 26 00-0011)*

23 11 26 00-0040	EA	2" Fiberglass Reinforced Plastic Flanged Wye	230.52	96.36
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-108.33*	
23 11 26 00-0041	EA	3" Fiberglass Reinforced Plastic Flanged Wye	288.79	115.88
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-130.31*	
23 11 26 00-0042	EA	4" Fiberglass Reinforced Plastic Flanged Wye	337.66	134.42
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-151.13*	
23 11 26 00-0043	EA	5" Fiberglass Reinforced Plastic Flanged Wye	389.48	159.67
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-176.38*	
23 11 26 00-0044	EA	6" Fiberglass Reinforced Plastic Flanged Wye	426.09	169.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.23*	
23 11 26 00-0045	EA	8" Fiberglass Reinforced Plastic Flanged Wye	547.59	209.78
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-235.89*	
23 11 26 00-0046	EA	10" Fiberglass Reinforced Plastic Flanged Wye	777.84	253.75
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-285.35*	
23 11 26 00-0047	EA	12" Fiberglass Reinforced Plastic Flanged Wye	989.91	308.51
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-346.90*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 11 26 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers *(23 11 26 00-0011)*

23 11 26 00-0049	EA	2" Fiberglass Reinforced Plastic Flanged Concentric Reducer	139.79	64.21
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-72.22*	
23 11 26 00-0050	EA	3" Fiberglass Reinforced Plastic Flanged Concentric Reducer	175.52	77.11
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-86.66*	
23 11 26 00-0051	EA	4" Fiberglass Reinforced Plastic Flanged Concentric Reducer	197.13	89.64
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-100.75*	
23 11 26 00-0052	EA	5" Fiberglass Reinforced Plastic Flanged Concentric Reducer	229.29	106.47
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-117.54*	
23 11 26 00-0053	EA	6" Fiberglass Reinforced Plastic Flanged Concentric Reducer	250.82	112.39
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-126.37*	
23 11 26 00-0054	EA	8" Fiberglass Reinforced Plastic Flanged Concentric Reducer	325.37	140.44
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-157.96*	
23 11 26 00-0055	EA	10" Fiberglass Reinforced Plastic Flanged Concentric Reducer	406.41	169.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.23*	
23 11 26 00-0056	EA	12" Fiberglass Reinforced Plastic Flanged Concentric Reducer	535.84	209.78
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-235.89*	

23 11 26 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters *(23 11 26 00-0011)*

23 11 26 00-0058	EA	2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	124.26	64.21
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-72.22*	
23 11 26 00-0059	EA	3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	145.86	77.11
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-86.66*	
23 11 26 00-0060	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	167.50	89.64
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-100.75*	
23 11 26 00-0061	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	200.27	106.47
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-117.54*	
23 11 26 00-0062	EA	6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	222.43	112.39
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-126.37*	
23 11 26 00-0063	EA	8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	247.13	140.44
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-157.96*	
23 11 26 00-0064	EA	10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	306.12	169.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.23*	
23 11 26 00-0065	EA	12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	428.63	209.78
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-235.89*	

23 11 26 00-0066 Fiberglass Reinforced Plastic Nipples *(23 11 26 00-0011)*

23 11 26 00-0067	EA	2" x 6" Fiberglass Reinforced Plastic Nipple	19.28	7.70
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-8.67*	
23 11 26 00-0068	EA	2" x 12" Fiberglass Reinforced Plastic Nipple	38.49	15.40
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-17.29*	
23 11 26 00-0069	EA	3" x 8" Fiberglass Reinforced Plastic Nipple	51.49	11.82
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-13.31*	
23 11 26 00-0070	EA	3" x 12" Fiberglass Reinforced Plastic Nipple	61.36	15.76
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-17.71*	
23 11 26 00-0071	EA	4" x 8" Fiberglass Reinforced Plastic Nipple	54.03	11.21
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-12.64*	
23 11 26 00-0072	EA	4" x 12" Fiberglass Reinforced Plastic Nipple	68.17	16.85
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-18.95*	
23 11 26 00-0073	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	82.43	18.87
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-20.85*	
23 11 26 00-0074	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	96.71	20.22
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-22.77*	
23 11 26 00-0075	EA	8" x 18" Fiberglass Reinforced Plastic Nipple	63.18	23.59
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-26.54*	
23 11 26 00-0076	EA	8" x 24" Fiberglass Reinforced Plastic Nipple	87.57	33.70
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-37.88*	
23 11 26 00-0077	EA	10" x 18" Fiberglass Reinforced Plastic Nipple	91.47	24.01
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-26.97*	
23 11 26 00-0078	EA	10" x 24" Fiberglass Reinforced Plastic Nipple	137.21	35.89
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-40.39*	
23 11 26 00-0079	EA	12" x 18" Fiberglass Reinforced Plastic Nipple	103.75	24.77
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-27.82*	
23 11 26 00-0080	EA	12" x 24" Fiberglass Reinforced Plastic Nipple	140.19	37.07
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-41.72*	

23 11 26 00-0081 Fiberglass Reinforced Plastic Sleeve Couplings *(23 11 26 00-0011)*

23 11 26 00-0082	EA	2" Fiberglass Reinforced Plastic Sleeve Coupling	103.38	64.21
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-72.22*	
23 11 26 00-0083	EA	3" Fiberglass Reinforced Plastic Sleeve Coupling	124.19	77.11
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-86.66*	
23 11 26 00-0084	EA	4" Fiberglass Reinforced Plastic Sleeve Coupling	144.05	89.64
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-100.75*	
23 11 26 00-0085	EA	5" Fiberglass Reinforced Plastic Sleeve Coupling	170.16	106.47
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-117.54*	
23 11 26 00-0086	EA	6" Fiberglass Reinforced Plastic Sleeve Coupling	185.65	112.39
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-126.37*	
23 11 26 00-0087	EA	8" Fiberglass Reinforced Plastic Sleeve Coupling	235.78	140.44
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-157.96*	
23 11 26 00-0088	EA	10" Fiberglass Reinforced Plastic Sleeve Coupling	291.96	169.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.23*	
23 11 26 00-0089	EA	12" Fiberglass Reinforced Plastic Sleeve Coupling	359.70	209.78
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-235.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0090		**Fiberglass Reinforced Plastic Flanges** *(23 11 26 00-0011)*		
23 11 26 00-0091	EA	2" Fiberglass Reinforced Plastic Flange	104.27	64.21
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-72.22*	
23 11 26 00-0092	EA	3" Fiberglass Reinforced Plastic Flange	125.36	77.11
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-86.66*	
23 11 26 00-0093	EA	4" Fiberglass Reinforced Plastic Flange	139.41	84.16
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-94.61*	
23 11 26 00-0094	EA	5" Fiberglass Reinforced Plastic Flange	165.22	100.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-110.57*	
23 11 26 00-0095	EA	6" Fiberglass Reinforced Plastic Flange	190.80	112.39
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-126.37*	
23 11 26 00-0096	EA	8" Fiberglass Reinforced Plastic Flange	231.92	134.46
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-151.21*	
23 11 26 00-0097	EA	10" Fiberglass Reinforced Plastic Flange	299.97	169.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.23*	
23 11 26 00-0098	EA	12" Fiberglass Reinforced Plastic Flange	391.73	209.78
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-235.89*	
23 11 26 00-0099		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings** *(23 11 26)*		
23 11 26 00-0100		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing** *(23 11 26 00-0099)*		
23 11 26 00-0101	LF	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	63.66	27.67
23 11 26 00-0102	LF	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	75.71	32.78
23 11 26 00-0103	LF	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	103.08	48.36
23 11 26 00-0104	LF	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	139.66	62.69
23 11 26 00-0105	LF	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	181.69	72.45
23 11 26 00-0106	LF	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	235.41	85.93
23 11 26 00-0107	LF	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	299.44	108.43
23 11 26 00-0108		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings** *(23 11 26 00-0099)*		
23 11 26 00-0109		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows** *(23 11 26 00-0108)*		
23 11 26 00-0110	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	984.62	342.45
23 11 26 00-0111	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	1,150.32	411.04
23 11 26 00-0112	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	1,403.06	477.66
23 11 26 00-0113	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,209.00	599.25
23 11 26 00-0114	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	3,365.64	749.20
23 11 26 00-0115	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	4,434.08	901.36
23 11 26 00-0116	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	5,837.22	1,116.19
23 11 26 00-0117		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows** *(23 11 26 00-0108)*		
23 11 26 00-0118	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	985.64	342.45
23 11 26 00-0119	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	1,148.52	411.04
23 11 26 00-0120	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	1,401.65	477.66
23 11 26 00-0121	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,200.69	599.25
23 11 26 00-0122	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	3,353.62	749.20
23 11 26 00-0123	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	4,418.18	901.78
23 11 26 00-0124	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	5,818.69	1,118.72
23 11 26 00-0125		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees** *(23 11 26 00-0108)*		
23 11 26 00-0126	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,407.53	513.67
23 11 26 00-0127	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,739.21	619.07
23 11 26 00-0128	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,980.98	716.86
23 11 26 00-0129	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,942.32	902.20
23 11 26 00-0130	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,699.15	1,118.72
23 11 26 00-0131	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	5,860.55	1,351.74
23 11 26 00-0132	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	7,806.37	1,638.94

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0133		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes** *(23 11 26 00-0108)*		
23 11 26 00-0134	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	1,838.96	513.67
23 11 26 00-0135	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	2,355.56	618.35
23 11 26 00-0136	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	2,765.38	716.86
23 11 26 00-0137	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	3,493.78	902.20
23 11 26 00-0138	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	4,571.25	1,118.72
23 11 26 00-0139	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	6,960.55	1,351.74
23 11 26 00-0140	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	9,005.43	1,638.94
23 11 26 00-0141		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers** *(23 11 26 00-0108)*		
23 11 26 00-0142	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,053.46	342.45
23 11 26 00-0143	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,360.87	411.04
23 11 26 00-0144	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,495.96	477.66
23 11 26 00-0145	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,920.74	599.25
23 11 26 00-0146	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	2,548.27	749.20
23 11 26 00-0147	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	3,248.24	901.36
23 11 26 00-0148	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	4,421.51	1,116.19
23 11 26 00-0149		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters** *(23 11 26 00-0108)*		
23 11 26 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	860.65	342.45
23 11 26 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	992.64	411.04
23 11 26 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,128.09	477.66
23 11 26 00-0153	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,568.13	599.25
23 11 26 00-0154	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,576.74	749.20
23 11 26 00-0155	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,002.93	901.36
23 11 26 00-0156	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	3,090.27	1,116.19
23 11 26 00-0157		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples** *(23 11 26 00-0108)*		
23 11 26 00-0158	EA	2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	157.50	41.11
23 11 26 00-0159	EA	2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	314.68	82.03
23 11 26 00-0160	EA	3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	513.58	63.04
23 11 26 00-0161	EA	3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	594.65	83.99
23 11 26 00-0162	EA	4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	551.48	59.90
23 11 26 00-0163	EA	4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	667.41	89.89
23 11 26 00-0164	EA	6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	985.73	108.01
23 11 26 00-0165	EA	8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	533.87	125.87
23 11 26 00-0166	EA	8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	729.60	179.70
23 11 26 00-0167	EA	10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	881.02	127.88
23 11 26 00-0168	EA	10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,322.25	191.57
23 11 26 00-0169	EA	12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,025.49	131.93
23 11 26 00-0170	EA	12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,346.74	197.90
23 11 26 00-0171		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges** *(23 11 26 00-0108)*		
23 11 26 00-0172	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	837.51	448.70
23 11 26 00-0173	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,175.40	599.25
23 11 26 00-0174	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,451.76	717.27
23 11 26 00-0175	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,926.59	901.36
23 11 26 00-0176	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	2,632.21	1,116.19

23 12 Facility Fuel Pumps *(23 10)*

23 12 13 Facility Fuel-Oil Pumps *(23 12)*

23 12 13 00-0001 Cast Iron Internal Gear Rotary Pump *(23 12 13)*

Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.

23 12 13 00-0002 10 GPM 1" Discharge *(23 12 13 00-0001)*

23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	890.22	259.81
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	953.73	314.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	1,058.54	373.60
23 12 13 00-0006		**25 GPM 1-1/4" Discharge** *(23 12 13 00-0001)*		
23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,012.89	259.81
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	1,074.83	314.47
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	1,136.61	373.60
23 12 13 00-0010		**Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI** *(23 12 13)*		
23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel	691.63	145.58
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	806.05	163.06
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	885.23	182.76
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	971.60	206.07
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	1,313.66	229.36
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	1,585.82	256.68
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	1,760.17	287.59
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	2,120.72	321.63
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	2,483.59	360.61
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	2,781.38	404.50
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	3,118.24	453.42
23 12 16		**Facility Gasoline Dispensing Pumps** *(23 12)*		
23 12 16 00-0001		Unloading Hose And Accessories *(23 12 16)*		
23 12 16 00-0002		Hoses With Braided Rayon Cord, Neoprene Cover, And End Couplings *(23 12 16 00-0001)*		
23 12 16 00-0003		Two Braid Hose x 25' *(23 12 16 00-0002)*		
23 12 16 00-0004	EA	3/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	244.84	36.28
23 12 16 00-0005	EA	1" x 1-1/2", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	285.05	36.28
23 12 16 00-0006	EA	1-1/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	397.17	36.28
23 12 16 00-0007		Two Braid Hose x 50' *(23 12 16 00-0002)*		
23 12 16 00-0008	EA	3/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	487.86	73.48
23 12 16 00-0009	EA	1" x 1-1/2", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	566.50	73.48
23 12 16 00-0010	EA	1-1/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	793.19	73.48
23 12 16 00-0011		Three Braid Hose x 25' *(23 12 16 00-0002)*		
23 12 16 00-0012	EA	1-1/2" x 2-3/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	606.12	36.28
23 12 16 00-0013	EA	2" x 2-21/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	752.28	48.99
23 12 16 00-0014	EA	2-1/2" x 3-3/16", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	1,057.32	60.78
23 12 16 00-0015	EA	3" x 3-3/4", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	1,327.75	73.48
23 12 16 00-0016		Three Braid Hose x 50' *(23 12 16 00-0002)*		
23 12 16 00-0017	EA	1-1/2" x 2-3/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,083.12	73.48
23 12 16 00-0018	EA	2" x 2-21/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,327.05	97.06
23 12 16 00-0019	EA	2-1/2" x 3-3/16", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,785.94	122.45
23 12 16 00-0020	EA	3" x 3-3/4", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	2,179.83	146.04
23 12 16 00-0021		Tank Car Unloading Hose Assemblies *(23 12 16 00-0001)*		
23 12 16 00-0022		Flexible Galvanized Hose Assemblies *(23 12 16 00-0021)* Note: Each end includes a female coupling.		
23 12 16 00-0023	EA	2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	458.23	85.27
23 12 16 00-0024	EA	2-1/2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	548.66	85.27
23 12 16 00-0025	EA	3" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	641.30	85.27
23 12 16 00-0026	EA	4" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	1,003.03	85.27
23 12 16 00-0027		Standard Gas Station Pumps *(23 12 16)*		
23 12 16 00-0028		Gasoline Pumps *(23 12 16 00-0027)* Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self- timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.		
23 12 16 00-0029	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle	5,435.71	725.67
23 12 16 00-0030		Gasoline Pumps With Vapor Recovery System *(23 12 16 00-0027)* Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self- timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.		
23 12 16 00-0031	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle With Vapor Recovery	10,957.56	1,088.51
23 12 23		**Facility Natural-Gas Pumps** *(23 12)*		
23 12 23 00-0001		Natural Gas Booster Pump *(23 12 23)*		
23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size	773.98	134.39
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size	913.03	150.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	1,017.53	156.79
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	1,146.90	163.51
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size	1,288.38	167.99

23 13 Facility Fuel-Storage Tanks *(23 10)*

23 13 13 Facility Underground Fuel-Oil, Storage Tanks *(23 13)*

23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 13-0001 Coated Underground Double Wall Storage Tanks *(23 13 13 13)*

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

23 13 13 13-0002	EA	250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	8,369.12	597.15
23 13 13 13-0003	EA	550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	9,018.04	597.15
23 13 13 13-0004	EA	1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	12,973.37	746.40
23 13 13 13-0005	EA	2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	17,984.57	1,457.90
23 13 13 13-0006	EA	3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	28,413.08	1,874.34
23 13 13 13-0007	EA	4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	31,685.33	2,152.73
23 13 13 13-0008	EA	5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	34,464.80	2,846.36
23 13 13 13-0009	EA	6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	35,695.74	3,056.07
23 13 13 13-0010	EA	8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	43,506.08	3,610.36
23 13 13 13-0011	EA	10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	50,377.61	4,164.28
23 13 13 13-0012	EA	12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	64,071.14	4,579.43
23 13 13 13-0013	EA	14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	76,020.44	5,560.16
23 13 13 13-0014	EA	15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	78,602.55	5,900.76
23 13 13 13-0015	EA	20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	97,502.95	9,359.84
23 13 13 13-0016	EA	25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	120,143.60	12,137.42
23 13 13 13-0017	EA	30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	141,350.56	13,887.42
23 13 13 13-0018	EA	40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	180,333.97	14,928.98
23 13 13 13-0019	EA	48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	241,854.49	15,311.80

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 23-0001 Underground Fiberglass Storage Tanks *(23 13 13 23)*

23 13 13 23-0002 Single Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	2,932.30	597.15
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	3,682.37	746.40
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,786.79	923.52
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,453.25	1,124.88
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	6,114.87	1,319.30
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,466.90	1,735.93
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	9,026.19	2,638.61
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	10,283.65	3,332.98
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	12,277.70	3,749.60
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	13,877.32	4,443.97
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	17,766.76	5,277.22
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	21,888.39	6,596.52
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	27,719.05	8,818.51
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	40,945.46	10,971.06
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	50,075.95	13,193.05
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	71,630.02	19,095.20
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	101,330.56	24,302.98

23 13 13 23-0020 Double Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	5,546.52	597.15
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	7,301.38	746.40
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	8,755.74	902.68
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	11,417.31	1,319.40
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	12,879.81	1,735.93
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	14,976.71	2,638.61
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	16,764.41	3,332.98
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	20,525.94	3,749.60
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	22,125.56	4,443.97
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	26,751.45	5,277.22
23 13 13 23-0031	EA	15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	36,654.21	6,596.52
23 13 13 23-0032	EA	20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	45,541.14	8,818.51
23 13 13 23-0033	EA	30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	70,254.68	13,193.05

23 13 13 23-0034 Underground Storage Tank Pump Enclosures *(23 13 13 23)*

23 13 13 23-0035	EA	Secondary Containment Collar	942.85	
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	942.85	
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	188.57	
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	377.14	
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	471.43	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23		**Facility Aboveground Fuel-Oil, Storage Tanks** *(23 13)*		
23 13 23 13		**Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)*		
23 13 23 13-0001		Rectangle Double Wall Steel Fuel Day Tank *(23 13 23 13)* Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,158.93	116.79
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,245.40	122.63
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,352.42	131.38
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,557.08	140.15
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,739.45	145.98
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,049.67	175.19
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,767.93	204.38
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,510.60	233.57
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,514.84	262.77
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,032.57	291.97
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,754.15	350.36
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,440.87	408.76
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,148.51	467.15
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,940.01	496.35
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,736.73	525.55
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,643.32	554.74
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,434.82	583.93
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,605.97	700.73
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,517.62	759.12
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,725.39	875.91
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,938.38	992.69
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,413.52	116.79
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,501.73	122.63
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,608.75	131.38
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,811.66	140.15
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,994.03	145.98
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,306.00	175.19
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,048.67	204.38
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,791.35	233.57
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,795.58	262.77
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,313.31	291.97
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,034.89	350.36
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,721.61	408.76
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,429.25	467.15
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,220.75	496.35
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,017.48	525.55
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,925.81	554.74
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,717.31	583.93
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,886.71	700.73
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,798.36	759.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,006.13	875.91
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,219.12	992.69
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,377.82	116.79
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,455.56	122.63
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,524.22	131.38
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,796.88	140.15
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,899.04	145.98
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,198.80	175.19
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,852.54	204.38
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,870.73	233.57
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,477.39	262.77
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,177.38	291.97
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,104.72	350.36
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,655.43	408.76
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,411.90	467.15
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,166.77	496.35
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,165.78	525.55
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,575.39	554.74
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,941.42	583.93
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,647.90	700.73
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,321.57	759.12
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,132.67	875.91
23 13 23 13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	18,973.41	992.69
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,528.69	116.79
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,606.44	122.63
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,675.09	131.38
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,947.76	140.15
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,049.92	145.98
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,349.68	175.19
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,003.42	204.38
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,021.60	233.57
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,704.99	262.77
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,927.19	291.97
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,854.54	350.36
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,406.98	408.76
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,161.71	467.15
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,918.33	496.35
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,915.59	525.55
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,325.21	554.74
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,691.23	583.93
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,397.71	700.73
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	16,073.12	759.12
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,882.49	875.91
23 13 23 13-0085	EA	1,000 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,723.23	992.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,172.13	116.79
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,258.60	122.63
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,329.00	131.38
23 13 23 13-0089	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,610.38	140.15
23 13 23 13-0090	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,761.37	145.98
23 13 23 13-0091	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,033.23	175.19
23 13 23 13-0092	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,713.12	204.38
23 13 23 13-0093	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,780.13	233.57
23 13 23 13-0094	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,409.46	262.77
23 13 23 13-0095	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,175.72	291.97
23 13 23 13-0096	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,151.89	350.36
23 13 23 13-0097	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,648.54	408.76
23 13 23 13-0098	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,509.63	467.15
23 13 23 13-0099	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,424.93	496.35
23 13 23 13-0100	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,345.47	525.55
23 13 23 13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,805.65	554.74
23 13 23 13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,145.52	583.93
23 13 23 13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,930.47	700.73
23 13 23 13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,686.09	759.12
23 13 23 13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,579.16	875.91
23 13 23 13-0106	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,498.37	992.69
23 13 23 13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,323.01	116.79
23 13 23 13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,409.47	122.63
23 13 23 13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,479.87	131.38
23 13 23 13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,761.26	140.15
23 13 23 13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,912.24	145.98
23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,180.61	175.19
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,864.00	204.38
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,931.01	233.57
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,560.34	262.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,925.53	291.97
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,901.70	350.36
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,572.72	408.76
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,259.44	467.15
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,174.74	496.35
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,095.28	525.55
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,555.46	554.74
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,897.07	583.93
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,680.28	700.73
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,435.91	759.12
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,328.97	875.91
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	22,248.18	992.69
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,147.56	116.79
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,244.77	122.63
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,351.44	131.38
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,547.87	140.15
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,070.90	145.98
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,119.56	175.19
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,670.00	204.38
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,310.21	233.57
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,362.43	262.77
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,492.92	291.97
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,593.80	350.36
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,075.52	408.76
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank	7,559.55	467.15
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,305.64	496.35
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,054.03	525.55
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank	9,703.46	554.74
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank	10,359.77	583.93
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank	11,709.90	700.73
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,004.12	759.12
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank	14,432.51	875.91
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	15,810.25	992.69
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,210.24	122.63
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,317.17	131.38
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,428.95	140.15
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,630.63	145.98
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,221.09	175.19
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,269.75	204.38
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,848.07	233.57
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,521.14	262.77
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,629.12	291.97
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,819.70	321.17
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,976.35	379.56
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,479.43	437.95
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank	7,984.93	496.35
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,769.76	525.55
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,557.03	554.74
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank	10,239.84	583.93
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank	10,978.57	642.33
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank	12,392.88	759.12
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,850.94	875.91
23 13 23 13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank	15,347.86	992.69
23 13 23 13-0169	EA	200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	16,791.33	1,109.48
23 13 23 13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,329.40	116.79
23 13 23 13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,449.63	122.63
23 13 23 13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,570.11	131.38
23 13 23 13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,812.57	140.15
23 13 23 13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,434.58	145.98
23 13 23 13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,483.24	175.19
23 13 23 13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,116.54	204.38
23 13 23 13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	3,864.93	233.57
23 13 23 13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,105.27	262.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,496.48	291.97
23 13 23 13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	7,802.22	350.36
23 13 23 13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,355.29	408.76
23 13 23 13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	8,912.97	467.15
23 13 23 13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	9,804.07	496.35
23 13 23 13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	10,697.48	525.55
23 13 23 13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	11,455.08	554.74
23 13 23 13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,231.09	583.93
23 13 23 13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	13,822.90	700.73
23 13 23 13-0188	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	15,361.12	759.12
23 13 23 13-0189	EA	150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	17,031.19	875.91
23 13 23 13-0190	EA	150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	18,650.61	992.69
23 13 23 13-0191	EA	200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,402.19	122.63
23 13 23 13-0192	EA	200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,533.41	131.38
23 13 23 13-0193	EA	200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,659.76	140.15
23 13 23 13-0194	EA	200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,910.03	145.98
23 13 23 13-0195	EA	200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,604.97	175.19
23 13 23 13-0196	EA	200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,653.63	204.38
23 13 23 13-0197	EA	200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,319.42	233.57
23 13 23 13-0198	EA	200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	4,106.68	262.77
23 13 23 13-0199	EA	200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,413.23	291.97
23 13 23 13-0200	EA	200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,879.02	321.17
23 13 23 13-0201	EA	200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	8,251.90	379.56
23 13 23 13-0202	EA	200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,830.30	437.95
23 13 23 13-0203	EA	200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	9,413.54	496.35
23 13 23 13-0204	EA	200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	10,351.45	525.55
23 13 23 13-0205	EA	200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	11,291.78	554.74
23 13 23 13-0206	EA	200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	12,088.76	583.93
23 13 23 13-0207	EA	200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,953.86	642.33
23 13 23 13-0208	EA	200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	14,623.28	759.12
23 13 23 13-0209	EA	200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	16,338.87	875.91
23 13 23 13-0210	EA	200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	18,090.90	992.69
23 13 23 13-0211	EA	200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	19,789.49	1,109.48

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 16-0001 Single Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	2,800.98	634.74
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	3,370.08	768.36
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	4,522.88	1,031.87
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,824.64	1,289.84
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	7,091.51	1,706.21
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	10,272.96	1,756.38
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	14,738.58	2,171.53
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	19,985.47	2,488.17
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	23,690.73	2,714.34
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	27,415.67	2,985.79
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	30,355.63	3,317.52
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	37,979.49	4,265.38
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	51,443.57	4,976.32

23 13 23 16-0015 Double Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0016	EA	300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	4,329.32	792.02
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,205.82	958.44
23 13 23 16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,989.80	1,289.84
23 13 23 16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	9,023.66	1,612.30
23 13 23 16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	10,864.52	2,132.74
23 13 23 16-0021	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	16,162.41	2,195.41
23 13 23 16-0022	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	23,380.81	2,704.53
23 13 23 16-0023	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	31,993.29	3,110.23
23 13 23 16-0024	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	38,064.06	3,392.98
23 13 23 16-0025	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	44,140.95	3,732.20
23 13 23 16-0026	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	48,867.61	4,146.97
23 13 23 16-0027	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	61,072.87	5,331.75
23 13 23 16-0028	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	83,198.45	6,220.36

23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 19-0001 Secondary Containment For Above Ground Tanks *(23 13 23 19)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated	3,371.85	
23 13 23 19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated	4,075.97	
23 13 23 19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated	8,852.68	
23 13 23 19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated	9,705.57	
23 13 23 19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated	13,768.24	
23 13 23 19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated	15,424.40	
23 13 23 19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated	20,349.83	
23 13 23 19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated	23,890.32	
23 13 23 19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated	27,133.15	
23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated	33,043.74	
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated	42,286.54	

23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 26-0001 Aboveground Concrete Vaulted Storage Tanks *(23 13 23 26)*

Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overfill containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.

23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank	18,904.51	1,291.44
		For Low Profile Tanks, Add	*6,841.00*	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank	23,760.44	1,457.90
		For Low Profile Tanks, Add	*8,690.46*	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank	41,909.96	1,735.93
		For Low Profile Tanks, Add	*15,795.10*	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank	66,714.68	3,818.21
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank	76,150.51	4,170.11
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank	85,661.13	4,503.41
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank	95,151.81	4,886.79
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank	104,636.33	5,201.76

23 13 33 Facility Fuel-Oil, Storage Tank Accessories *(23 13)*

23 13 33 00-0001 EPA Requirements *(23 13 33)*

23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon)	597.24	
23 13 33 00-0003	EA	Over-Fill Prevention Valve	1,293.87	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass	2,061.44	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel	1,974.31	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent)	102.99	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level	260.94	
23 13 33 00-0008	EA	Manhole Spill Containment	986.52	226.78
23 13 33 00-0009	EA	Fill Adapter, 4"	244.75	151.21
23 13 33 00-0010	EA	Fill Cap, 4"	162.52	56.69
23 13 33 00-0011	EA	Vent Cap, 2"	100.55	37.83
23 13 33 00-0012	EA	4" X 2" Extractor Fitting	285.17	56.69
23 13 33 00-0013	EA	Float Vent Valve	354.55	113.38
23 13 33 00-0014	EA	Vapor Hose Adapter	289.59	75.56
23 13 33 00-0015	EA	Dust Cap	131.60	41.27
23 13 33 00-0016	EA	1" Double Poppet Foot Valve	415.10	64.76
23 13 33 00-0017	EA	10' Wood Gage Stick	29.44	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT	97.32	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet	127.63	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent	66.37	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent	88.72	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent	137.77	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent	533.74	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set	1,165.70	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set	1,374.84	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set	1,500.74	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set	1,646.84	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set	2,327.36	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set	2,863.03	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set	3,171.29	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set	3,883.55	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set	4,588.38	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set	5,136.42	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set	5,926.44	

23 13 33 00-0035 Tank Bulkhead Fittings *(23 13 33)*

23 13 33 00-0036 Tank Bulkhead Fittings *(23 13 33 00-0035)*

23 13 33 00-0037 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0038	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	37.77	
23 13 33 00-0039	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	42.20	
23 13 33 00-0040	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	46.38	
23 13 33 00-0041	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	55.75	
23 13 33 00-0042	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	57.69	
23 13 33 00-0043	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	75.12	
23 13 33 00-0044	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	117.53	
23 13 33 00-0045	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	203.47	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0046		Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0047	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	43.62	
23 13 33 00-0048	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	48.03	
23 13 33 00-0049	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	52.44	
23 13 33 00-0050	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	65.17	
23 13 33 00-0051	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	69.58	
23 13 33 00-0052	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	85.90	
23 13 33 00-0053	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	131.89	
23 13 33 00-0054	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	223.88	
23 13 33 00-0055		Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0056	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	44.95	
23 13 33 00-0057	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	51.86	
23 13 33 00-0058	EA	1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	58.51	
23 13 33 00-0059	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	75.41	
23 13 33 00-0060	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	98.01	
23 13 33 00-0061	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	151.42	
23 13 33 00-0062	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	236.01	
23 13 33 00-0063		Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0064	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread	52.37	
23 13 33 00-0065	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread	61.73	
23 13 33 00-0066	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread	75.78	
23 13 33 00-0067	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread	92.09	
23 13 33 00-0068	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread	94.03	
23 13 33 00-0069	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread	133.68	
23 13 33 00-0070	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread	237.57	
23 13 33 00-0071	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread	422.25	
23 13 33 00-0072		Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0073	EA	3/4" Polyethylene Bulkhead Fitting, Thread x Thread	46.46	
23 13 33 00-0074	EA	1" Polyethylene Bulkhead Fitting, Thread x Thread	59.56	
23 13 33 00-0075	EA	1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	61.51	
23 13 33 00-0076	EA	1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	63.45	
23 13 33 00-0077	EA	2" Polyethylene Bulkhead Fitting, Thread x Thread	87.68	
23 13 33 00-0078	EA	3" Polyethylene Bulkhead Fitting, Thread x Thread	110.42	
23 13 33 00-0079		TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*		
23 13 33 00-0080	EA	1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	192.79	
23 13 33 00-0081	EA	1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	220.38	
23 13 33 00-0082	EA	3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	270.68	
23 13 33 00-0083	EA	1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	311.96	
23 13 33 00-0084	EA	3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	359.38	
23 13 33 00-0085	EA	1" TFE Teflon Bulkhead Fitting, Thread x Thread	452.37	
23 13 33 00-0086	EA	1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	587.36	
23 13 33 00-0087	EA	2" TFE Teflon Bulkhead Fitting, Thread x Thread	648.87	
23 13 33 00-0088		Self-Aligning Bulkhead Fittings *(23 13 33 00-0035)*		
23 13 33 00-0089	EA	3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	197.97	
23 13 33 00-0090	EA	1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	198.41	
23 13 33 00-0091	EA	1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	288.95	
23 13 33 00-0092	EA	2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	295.11	
23 13 33 00-0093	EA	3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	397.35	

23 20 HVAC Piping And Pumps *(23)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping And Pumps *(23 20)*

23 21 13 Hydronic Piping *(23 21)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping *(23 21 13)*

23 21 13 23-0001 Threaded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0002 Threaded Black Steel Pipe Assemblies *(23 21 13 23-0001)*

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0003	LF	1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	15.58	3.58
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.64*	
		For Work In Restricted Working Space, Add	*3.70*	
23 21 13 23-0004	LF	3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	16.78	3.85
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*3.98*	
		For Work In Restricted Working Space, Add	*3.87*	
23 21 13 23-0005	LF	1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	18.21	4.21
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*4.38*	
		For Work In Restricted Working Space, Add	*4.08*	
23 21 13 23-0006	LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	21.32	4.39
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.33*	
		For Work In Restricted Working Space, Add	*4.40*	
23 21 13 23-0007	LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	22.32	5.19
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.65*	
		For Work In Restricted Working Space, Add	*4.46*	
23 21 13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	26.23	6.27
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*6.76*	
		For Work In Restricted Working Space, Add	*5.03*	
23 21 13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	37.11	7.43
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*10.03*	
		For Work In Restricted Working Space, Add	*6.24*	
23 21 13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	46.82	9.94
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*12.78*	
		For Work In Restricted Working Space, Add	*7.64*	
23 21 13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	63.02	11.21
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*18.37*	
		For Work In Restricted Working Space, Add	*8.09*	
23 21 13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	99.47	14.32
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*30.67*	
		For Work In Restricted Working Space, Add	*9.64*	
23 21 13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	117.67	16.94
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*36.53*	
		For Work In Restricted Working Space, Add	*10.93*	

23 21 13 23-0014 Threaded Black Steel Pipe And Fittings *(23 21 13 23-0001)*

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

23 21 13 23-0015 Threaded And Coupled, Black Steel Piping *(23 21 13 23-0014)*

Note: ASTM A-53. Includes coupling.

23 21 13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe	5.51	2.24
		For Schedule 80 Pipe, Add	*0.89*	
		For Work In Restricted Working Space, Add	*1.36*	
23 21 13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	7.05	3.58
		For Schedule 80 Pipe, Add	*1.28*	
		For Work In Restricted Working Space, Add	*1.63*	
23 21 13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	7.89	3.85
		For Schedule 80 Pipe, Add	*1.53*	
		For Work In Restricted Working Space, Add	*1.73*	
23 21 13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe	9.08	4.21
		For Schedule 80 Pipe, Add	*1.90*	
		For Work In Restricted Working Space, Add	*1.88*	
23 21 13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	10.41	4.39
		For Schedule 80 Pipe, Add	*2.36*	
		For Work In Restricted Working Space, Add	*1.99*	
23 21 13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	12.31	5.19
		For Schedule 80 Pipe, Add	*2.81*	
		For Work In Restricted Working Space, Add	*2.34*	
23 21 13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe	15.35	6.27
		For Schedule 80 Pipe, Add	*3.61*	
		For Work In Restricted Working Space, Add	*2.83*	
23 21 13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	20.55	7.43
		For Schedule 80 Pipe, Add	*5.33*	
		For Work In Restricted Working Space, Add	*3.36*	
23 21 13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe	27.18	9.94
		For Schedule 80 Pipe, Add	*7.01*	
		For Work In Restricted Working Space, Add	*4.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe	35.15	11.21
		For Schedule 80 Pipe, Add	*9.92*	
		For Work In Restricted Working Space, Add	*5.06*	
23 21 13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe	45.77	14.32
		For Schedule 80 Pipe, Add	*13.09*	
		For Work In Restricted Working Space, Add	*6.44*	
23 21 13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe	57.45	16.94
		For Schedule 80 Pipe, Add	*16.97*	
		For Work In Restricted Working Space, Add	*7.61*	
23 21 13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe	78.21	20.47
		For Schedule 80 Pipe, Add	*24.47*	
		For Work In Restricted Working Space, Add	*9.19*	
23 21 13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe	104.79	24.93
		For Schedule 80 Pipe, Add	*34.05*	
		For Work In Restricted Working Space, Add	*11.23*	
23 21 13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe	139.69	32.78
		For Schedule 80 Pipe, Add	*45.66*	
		For Work In Restricted Working Space, Add	*14.74*	

23 21 13 23-0031 Black Malleable Iron 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0032	EA	3/8", 150 LB, Black Malleable Iron 90 Degree Elbow	24.05	9.94
		For 300 LB Rating, Add	*11.15*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*5.97*	
23 21 13 23-0033	EA	1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	26.76	15.94
		For 300 LB Rating, Add	*8.34*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0034	EA	3/4", 150 LB, Black Malleable Iron 90 Degree Elbow	30.20	17.82
		For 300 LB Rating, Add	*9.93*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*8.02*	
23 21 13 23-0035	EA	1", 150 LB, Black Malleable Iron 90 Degree Elbow	35.87	19.88
		For 300 LB Rating, Add	*16.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*8.96*	
23 21 13 23-0036	EA	1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow	43.72	22.57
		For 300 LB Rating, Add	*25.86*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-0037	EA	1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	51.17	25.43
		For 300 LB Rating, Add	*33.63*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-0038	EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow	70.93	32.33
		For 300 LB Rating, Add	*56.98*	
		For Standard Weight Cast Iron Fittings, Add	*0.36*	
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0039	EA	2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	121.83	47.82
		For 300 LB Rating, Add	*124.75*	
		For Standard Weight Cast Iron Fittings, Add	*0.80*	
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-0040	EA	3", 150 LB, Black Malleable Iron 90 Degree Elbow	167.72	62.87
		For 300 LB Rating, Add	*181.94*	
		For Standard Weight Cast Iron Fittings, Add	*1.18*	
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-0041	EA	4", 150 LB, Black Malleable Iron 90 Degree Elbow	256.05	65.54
		For 300 LB Rating, Add	*384.52*	
		For Standard Weight Cast Iron Fittings, Add	*2.52*	
		For Work In Restricted Working Space, Add	*29.49*	
23 21 13 23-0042	EA	5", 150 LB, Black Malleable Iron 90 Degree Elbow	563.55	68.41
		For 300 LB Rating, Add	*1,112.53*	
		For Standard Weight Cast Iron Fittings, Add	*7.38*	
		For Work In Restricted Working Space, Add	*30.77*	
23 21 13 23-0043	EA	6", 150 LB, Black Malleable Iron 90 Degree Elbow	639.73	71.52
		For 300 LB Rating, Add	*1,284.46*	
		For Standard Weight Cast Iron Fittings, Add	*8.52*	
		For Work In Restricted Working Space, Add	*32.17*	

23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0045	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	27.35	14.60
		For 300 LB Rating, Add	*14.44*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*6.56*	
23 21 13 23-0046	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	30.93	16.83
		For 300 LB Rating, Add	*15.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*7.59*	
23 21 13 23-0047	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	31.19	15.58
		For 300 LB Rating, Add	*20.29*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*7.00*	
23 21 13 23-0048	EA	1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	35.53	18.89
		For 300 LB Rating, Add	*19.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*8.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0049	EA	1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	34.67	17.91
		For 300 LB Rating, Add	*20.36*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*8.06*	
23 21 13 23-0050	EA	1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	40.25	16.57
		For 300 LB Rating, Add	*38.38*	
		For Standard Weight Cast Iron Fittings, Add	*0.25*	
		For Work In Restricted Working Space, Add	*7.46*	
23 21 13 23-0051	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	43.98	21.23
		For 300 LB Rating, Add	*31.09*	
		For Standard Weight Cast Iron Fittings, Add	*0.19*	
		For Work In Restricted Working Space, Add	*9.55*	
23 21 13 23-0052	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	43.83	20.15
		For 300 LB Rating, Add	*34.38*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*9.08*	
23 21 13 23-0053	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	44.68	19.26
		For 300 LB Rating, Add	*39.77*	
		For Standard Weight Cast Iron Fittings, Add	*0.25*	
		For Work In Restricted Working Space, Add	*8.65*	
23 21 13 23-0054	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	53.11	23.99
		For 300 LB Rating, Add	*43.34*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0055	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	51.13	22.66
		For 300 LB Rating, Add	*43.22*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*10.19*	
23 21 13 23-0056	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	52.06	21.58
		For 300 LB Rating, Add	*49.08*	
		For Standard Weight Cast Iron Fittings, Add	*0.31*	
		For Work In Restricted Working Space, Add	*9.73*	
23 21 13 23-0057	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	68.11	28.83
		For 300 LB Rating, Add	*62.26*	
		For Standard Weight Cast Iron Fittings, Add	*0.40*	
		For Work In Restricted Working Space, Add	*12.98*	
23 21 13 23-0058	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	69.35	27.41
		For 300 LB Rating, Add	*70.27*	
		For Standard Weight Cast Iron Fittings, Add	*0.45*	
		For Work In Restricted Working Space, Add	*12.33*	
23 21 13 23-0059	EA	2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	67.38	26.06
		For 300 LB Rating, Add	*70.15*	
		For Standard Weight Cast Iron Fittings, Add	*0.45*	
		For Work In Restricted Working Space, Add	*11.74*	
23 21 13 23-0060	EA	2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	67.52	25.07
		For 300 LB Rating, Add	*74.13*	
		For Standard Weight Cast Iron Fittings, Add	*0.48*	
		For Work In Restricted Working Space, Add	*11.27*	
23 21 13 23-0061	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	128.24	40.03
		For 300 LB Rating, Add	*167.33*	
		For Standard Weight Cast Iron Fittings, Add	*1.09*	
		For Work In Restricted Working Space, Add	*18.01*	
23 21 13 23-0062	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	127.12	36.63
		For 300 LB Rating, Add	*176.67*	
		For Standard Weight Cast Iron Fittings, Add	*1.16*	
		For Work In Restricted Working Space, Add	*16.46*	
23 21 13 23-0063	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	210.63	55.34
		For 300 LB Rating, Add	*311.41*	
		For Standard Weight Cast Iron Fittings, Add	*2.04*	
		For Work In Restricted Working Space, Add	*24.89*	
23 21 13 23-0064	EA	3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	181.63	47.55
		For 300 LB Rating, Add	*268.98*	
		For Standard Weight Cast Iron Fittings, Add	*1.76*	
		For Work In Restricted Working Space, Add	*21.40*	
23 21 13 23-0065	EA	4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	311.69	62.34
		For 300 LB Rating, Add	*529.29*	
		For Standard Weight Cast Iron Fittings, Add	*3.49*	
		For Work In Restricted Working Space, Add	*28.05*	

23 21 13 23-0066 Black Malleable Iron 45 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0067	EA	3/8", 150 LB, Black Malleable Iron 45 Degree Elbow	26.15	9.94
		For 300 LB Rating, Add	*16.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*5.97*	
23 21 13 23-0068	EA	1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	28.63	15.94
		For 300 LB Rating, Add	*12.83*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0069	EA	3/4", 150 LB, Black Malleable Iron 45 Degree Elbow	32.60	17.82
		For 300 LB Rating, Add	*15.69*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*8.02*	
23 21 13 23-0070	EA	1", 150 LB, Black Malleable Iron 45 Degree Elbow	37.24	19.88
		For 300 LB Rating, Add	*19.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.12*	
		For Work In Restricted Working Space, Add	*8.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0071	EA	1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow	46.87	22.57
		For 300 LB Rating, Add	*33.42*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-0072	EA	1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	54.29	25.43
		For 300 LB Rating, Add	*41.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.26*	
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-0073	EA	2", 150 LB, Black Malleable Iron 45 Degree Elbow	72.86	32.33
		For 300 LB Rating, Add	*61.61*	
		For Standard Weight Cast Iron Fittings, Add	*0.39*	
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0074	EA	2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	142.41	47.82
		For 300 LB Rating, Add	*174.15*	
		For Standard Weight Cast Iron Fittings, Add	*1.13*	
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-0075	EA	3", 150 LB, Black Malleable Iron 45 Degree Elbow	186.20	62.87
		For 300 LB Rating, Add	*226.29*	
		For Standard Weight Cast Iron Fittings, Add	*1.47*	
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-0076	EA	4", 150 LB, Black Malleable Iron 45 Degree Elbow	278.56	65.54
		For 300 LB Rating, Add	*438.55*	
		For Standard Weight Cast Iron Fittings, Add	*2.88*	
		For Work In Restricted Working Space, Add	*29.49*	
23 21 13 23-0077	EA	5", 150 LB, Black Malleable Iron 45 Degree Elbow	814.64	68.41
		For 300 LB Rating, Add	*1,715.15*	
		For Standard Weight Cast Iron Fittings, Add	*11.39*	
		For Work In Restricted Working Space, Add	*30.77*	
23 21 13 23-0078	EA	6", 150 LB, Black Malleable Iron 45 Degree Elbow	835.75	71.52
		For 300 LB Rating, Add	*1,754.91*	
		For Standard Weight Cast Iron Fittings, Add	*11.66*	
		For Work In Restricted Working Space, Add	*32.17*	

23 21 13 23-0079 Black Malleable Iron Tees *(23 21 13 23-0014)*

23 21 13 23-0080	EA	3/8", 150 LB, Black Malleable Iron Tee	30.90	12.45
		For 300 LB Rating, Add	*15.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*7.46*	
23 21 13 23-0081	EA	1/2", 150 LB, Black Malleable Iron Tee	33.70	19.88
		For 300 LB Rating, Add	*11.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*8.96*	
23 21 13 23-0082	EA	3/4", 150 LB, Black Malleable Iron Tee	39.96	23.02
		For 300 LB Rating, Add	*15.29*	
		For Standard Weight Cast Iron Fittings, Add	*0.09*	
		For Work In Restricted Working Space, Add	*10.34*	
23 21 13 23-0083	EA	1", 150 LB, Black Malleable Iron Tee	50.16	27.13
		For 300 LB Rating, Add	*25.12*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*12.21*	
23 21 13 23-0084	EA	1-1/4", 150 LB, Black Malleable Iron Tee	63.69	32.33
		For 300 LB Rating, Add	*39.60*	
		For Standard Weight Cast Iron Fittings, Add	*0.24*	
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0085	EA	1-1/2", 150 LB, Black Malleable Iron Tee	76.80	38.50
		For 300 LB Rating, Add	*49.11*	
		For Standard Weight Cast Iron Fittings, Add	*0.30*	
		For Work In Restricted Working Space, Add	*17.33*	
23 21 13 23-0086	EA	2", 150 LB, Black Malleable Iron Tee	104.06	47.82
		For 300 LB Rating, Add	*82.11*	
		For Standard Weight Cast Iron Fittings, Add	*0.52*	
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-0087	EA	2-1/2", 150 LB, Black Malleable Iron Tee	164.16	62.87
		For 300 LB Rating, Add	*173.39*	
		For Standard Weight Cast Iron Fittings, Add	*1.12*	
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-0088	EA	3", 150 LB, Black Malleable Iron Tee	214.89	74.69
		For 300 LB Rating, Add	*253.80*	
		For Standard Weight Cast Iron Fittings, Add	*1.65*	
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-0089	EA	4", 150 LB, Black Malleable Iron Tee	372.99	82.81
		For 300 LB Rating, Add	*604.64*	
		For Standard Weight Cast Iron Fittings, Add	*3.98*	
		For Work In Restricted Working Space, Add	*37.25*	
23 21 13 23-0090	EA	5", 150 LB, Black Malleable Iron Tee	901.46	98.32
		For 300 LB Rating, Add	*1,818.52*	
		For Standard Weight Cast Iron Fittings, Add	*12.06*	
		For Work In Restricted Working Space, Add	*44.23*	
23 21 13 23-0091	EA	6", 150 LB, Black Malleable Iron Tee	977.70	112.39
		For 300 LB Rating, Add	*1,952.21*	
		For Standard Weight Cast Iron Fittings, Add	*12.95*	
		For Work In Restricted Working Space, Add	*50.55*	

23 21 13 23-0092 Black Malleable Iron Reducing Tees *(23 21 13 23-0014)*

23 21 13 23-0093	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee	36.39	19.88
		For 300 LB Rating, Add	*17.49*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*8.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0094	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee	42.98	23.02
		For 300 LB Rating, Add	*22.54*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*10.34*	
23 21 13 23-0095	EA	1", 150 LB, Black Malleable Iron Reducing Tee	51.47	27.13
		For 300 LB Rating, Add	*28.27*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*12.21*	
23 21 13 23-0096	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Tee	69.55	32.33
		For 300 LB Rating, Add	*53.66*	
		For Standard Weight Cast Iron Fittings, Add	*0.34*	
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0097	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Tee	81.22	38.50
		For 300 LB Rating, Add	*59.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.38*	
		For Work In Restricted Working Space, Add	*17.33*	
23 21 13 23-0098	EA	2", 150 LB, Black Malleable Iron Reducing Tee	105.66	47.82
		For 300 LB Rating, Add	*85.95*	
		For Standard Weight Cast Iron Fittings, Add	*0.54*	
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-0099	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Tee	200.29	62.87
		For 300 LB Rating, Add	*260.10*	
		For Standard Weight Cast Iron Fittings, Add	*1.70*	
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-0100	EA	3", 150 LB, Black Malleable Iron Reducing Tee	233.37	74.69
		For 300 LB Rating, Add	*298.15*	
		For Standard Weight Cast Iron Fittings, Add	*1.94*	
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-0101	EA	4", 150 LB, Black Malleable Iron Reducing Tee	418.65	82.81
		For 300 LB Rating, Add	*714.23*	
		For Standard Weight Cast Iron Fittings, Add	*4.71*	
		For Work In Restricted Working Space, Add	*37.25*	
23 21 13 23-0102	EA	5", 150 LB, Black Malleable Iron Reducing Tee	830.50	98.32
		For 300 LB Rating, Add	*1,648.21*	
		For Standard Weight Cast Iron Fittings, Add	*10.93*	
		For Work In Restricted Working Space, Add	*44.23*	
23 21 13 23-0103	EA	6", 150 LB, Black Malleable Iron Reducing Tee	943.25	112.39
		For 300 LB Rating, Add	*1,869.53*	
		For Standard Weight Cast Iron Fittings, Add	*12.40*	
		For Work In Restricted Working Space, Add	*50.55*	

23 21 13 23-0104 Black Malleable Iron Couplings *(23 21 13 23-0014)*

23 21 13 23-0105	EA	3/8", 150 LB, Black Malleable Iron Coupling	25.06	9.94
		For 300 LB Rating, Add	*13.58*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*5.97*	
23 21 13 23-0106	EA	1/2", 150 LB, Black Malleable Iron Coupling	27.85	15.94
		For 300 LB Rating, Add	*10.96*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0107	EA	3/4", 150 LB, Black Malleable Iron Coupling	31.38	17.82
		For 300 LB Rating, Add	*12.76*	
		For Standard Weight Cast Iron Fittings, Add	*0.07*	
		For Work In Restricted Working Space, Add	*8.02*	
23 21 13 23-0108	EA	1", 150 LB, Black Malleable Iron Coupling	36.82	19.88
		For 300 LB Rating, Add	*18.52*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*8.96*	
23 21 13 23-0109	EA	1-1/4", 150 LB, Black Malleable Iron Coupling	42.82	22.57
		For 300 LB Rating, Add	*23.70*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-0110	EA	1-1/2", 150 LB, Black Malleable Iron Coupling	50.30	25.43
		For 300 LB Rating, Add	*31.54*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-0111	EA	2", 150 LB, Black Malleable Iron Coupling	66.47	32.33
		For 300 LB Rating, Add	*46.27*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0112	EA	2-1/2", 150 LB, Black Malleable Iron Coupling	121.51	47.82
		For 300 LB Rating, Add	*123.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.80*	
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-0113	EA	3", 150 LB, Black Malleable Iron Coupling	161.69	62.87
		For 300 LB Rating, Add	*167.46*	
		For Standard Weight Cast Iron Fittings, Add	*1.08*	
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-0114	EA	4", 150 LB, Black Malleable Iron Coupling	234.08	65.54
		For 300 LB Rating, Add	*331.79*	
		For Standard Weight Cast Iron Fittings, Add	*2.17*	
		For Work In Restricted Working Space, Add	*29.49*	
23 21 13 23-0115	EA	5", 150 LB, Black Malleable Iron Coupling	484.91	68.41
		For 300 LB Rating, Add	*923.79*	
		For Standard Weight Cast Iron Fittings, Add	*6.12*	
		For Work In Restricted Working Space, Add	*30.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0116	EA	6", 150 LB, Black Malleable Iron Coupling	542.81	71.52
		For 300 LB Rating, Add	*1,051.85*	
		For Standard Weight Cast Iron Fittings, Add	*6.97*	
		For Work In Restricted Working Space, Add	*32.17*	

23 21 13 23-0117 Black Malleable Iron Reducing Couplings *(23 21 13 23-0014)*

23 21 13 23-0118	EA	1/2", 150 LB, Black Malleable Iron Reducing Coupling	28.81	15.94
		For 300 LB Rating, Add	*13.26*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0119	EA	3/4", 150 LB, Black Malleable Iron Reducing Coupling	31.95	17.82
		For 300 LB Rating, Add	*14.13*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*8.02*	
23 21 13 23-0120	EA	1", 150 LB, Black Malleable Iron Reducing Coupling	37.98	19.88
		For 300 LB Rating, Add	*21.30*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*8.96*	
23 21 13 23-0121	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Coupling	44.25	22.57
		For 300 LB Rating, Add	*27.13*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-0122	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Coupling	51.33	25.43
		For 300 LB Rating, Add	*34.01*	
		For Standard Weight Cast Iron Fittings, Add	*0.21*	
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-0123	EA	2", 150 LB, Black Malleable Iron Reducing Coupling	67.55	32.33
		For 300 LB Rating, Add	*48.86*	
		For Standard Weight Cast Iron Fittings, Add	*0.31*	
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0124	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Coupling	128.24	47.82
		For 300 LB Rating, Add	*140.14*	
		For Standard Weight Cast Iron Fittings, Add	*0.91*	
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-0125	EA	3", 150 LB, Black Malleable Iron Reducing Coupling	163.07	62.87
		For 300 LB Rating, Add	*170.78*	
		For Standard Weight Cast Iron Fittings, Add	*1.10*	
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-0126	EA	4", 150 LB, Black Malleable Iron Reducing Coupling	236.20	65.54
		For 300 LB Rating, Add	*336.88*	
		For Standard Weight Cast Iron Fittings, Add	*2.21*	
		For Work In Restricted Working Space, Add	*29.49*	
23 21 13 23-0127	EA	5", 150 LB, Black Malleable Iron Reducing Coupling	412.53	68.41
		For 300 LB Rating, Add	*750.08*	
		For Standard Weight Cast Iron Fittings, Add	*4.96*	
		For Work In Restricted Working Space, Add	*30.77*	
23 21 13 23-0128	EA	6", 150 LB, Black Malleable Iron Reducing Coupling	505.35	71.52
		For 300 LB Rating, Add	*961.95*	
		For Standard Weight Cast Iron Fittings, Add	*6.37*	
		For Work In Restricted Working Space, Add	*32.17*	

23 21 13 23-0129 Black Malleable Iron Caps *(23 21 13 23-0014)*

23 21 13 23-0130	EA	1/2", 150 LB, Black Malleable Iron Cap	14.11	7.43
		For 300 LB Rating, Add	*7.66*	
		For Standard Weight Cast Iron Fittings, Add	*0.05*	
		For Work In Restricted Working Space, Add	*3.36*	
23 21 13 23-0131	EA	3/4", 150 LB, Black Malleable Iron Cap	15.87	7.97
		For 300 LB Rating, Add	*10.15*	
		For Standard Weight Cast Iron Fittings, Add	*0.06*	
		For Work In Restricted Working Space, Add	*3.58*	
23 21 13 23-0132	EA	1", 150 LB, Black Malleable Iron Cap	18.53	9.23
		For 300 LB Rating, Add	*12.25*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0133	EA	1-1/4", 150 LB, Black Malleable Iron Cap	21.20	9.94
		For 300 LB Rating, Add	*15.94*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0134	EA	1-1/2", 150 LB, Black Malleable Iron Cap	23.55	9.94
		For 300 LB Rating, Add	*21.58*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0135	EA	2", 150 LB, Black Malleable Iron Cap	31.84	12.81
		For 300 LB Rating, Add	*31.35*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0136	EA	2-1/2", 150 LB, Black Malleable Iron Cap	52.75	15.94
		For 300 LB Rating, Add	*70.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.46*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0137	EA	3", 150 LB, Black Malleable Iron Cap	71.45	19.26
		For 300 LB Rating, Add	*103.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.68*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0138	EA	4", 150 LB, Black Malleable Iron Cap	106.69	22.50
		For 300 LB Rating, Add	*177.20*	
		For Standard Weight Cast Iron Fittings, Add	*1.17*	
		For Work In Restricted Working Space, Add	*10.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0139	EA	5", 150 LB, Black Malleable Iron Cap	216.09	28.13
		For 300 LB Rating, Add	*420.06*	
		For Standard Weight Cast Iron Fittings, Add	*2.78*	
		For Work In Restricted Working Space, Add	*12.64*	
23 21 13 23-0140	EA	6", 150 LB, Black Malleable Iron Cap	369.09	33.45
		For 300 LB Rating, Add	*768.37*	
		For Standard Weight Cast Iron Fittings, Add	*5.10*	
		For Work In Restricted Working Space, Add	*15.06*	

23 21 13 23-0141 Black Malleable Iron Unions *(23 21 13 23-0014)*

23 21 13 23-0142	EA	3/8", 150 LB, Black Malleable Iron Union	33.84	9.94
		For Work In Restricted Working Space, Add	*5.97*	
23 21 13 23-0143	EA	1/2", 150 LB, Black Malleable Iron Union	42.46	19.88
		For Work In Restricted Working Space, Add	*8.96*	
23 21 13 23-0144	EA	3/4", 150 LB, Black Malleable Iron Union	48.95	23.02
		For Work In Restricted Working Space, Add	*10.34*	
23 21 13 23-0145	EA	1", 150 LB, Black Malleable Iron Union	59.61	27.13
		For Work In Restricted Working Space, Add	*12.21*	
23 21 13 23-0146	EA	1-1/4", 150 LB, Black Malleable Iron Union	75.51	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0147	EA	1-1/2", 150 LB, Black Malleable Iron Union	91.58	38.50
		For Work In Restricted Working Space, Add	*17.33*	
23 21 13 23-0148	EA	2", 150 LB, Black Malleable Iron Union	110.94	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-0149	EA	2-1/2", 150 LB, Black Malleable Iron Union	222.85	70.48
		For Work In Restricted Working Space, Add	*31.73*	
23 21 13 23-0150	EA	3", 150 LB, Black Malleable Iron Union	280.11	92.69
		For Work In Restricted Working Space, Add	*41.75*	
23 21 13 23-0151	EA	3/8", 250 LB, Black Malleable Iron Union	38.32	9.94
		For Work In Restricted Working Space, Add	*5.97*	
23 21 13 23-0152	EA	1/2", 250 LB, Black Malleable Iron Union	50.98	19.88
		For Work In Restricted Working Space, Add	*8.96*	
23 21 13 23-0153	EA	3/4", 250 LB, Black Malleable Iron Union	55.23	23.02
		For Work In Restricted Working Space, Add	*10.33*	
23 21 13 23-0154	EA	1", 250 LB, Black Malleable Iron Union	66.22	27.13
		For Work In Restricted Working Space, Add	*12.21*	
23 21 13 23-0155	EA	1-1/4", 250 LB, Black Malleable Iron Union	91.19	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0156	EA	1-1/2", 250 LB, Black Malleable Iron Union	107.05	38.50
		For Work In Restricted Working Space, Add	*17.33*	
23 21 13 23-0157	EA	2", 250 LB, Black Malleable Iron Union	134.84	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-0158	EA	2-1/2", 250 LB, Black Malleable Iron Union	303.87	70.48
		For Work In Restricted Working Space, Add	*31.73*	
23 21 13 23-0159	EA	3", 250 LB, Black Malleable Iron Union	371.00	92.69
		For Work In Restricted Working Space, Add	*41.75*	
23 21 13 23-0160	EA	4", 250 LB, Black Malleable Iron Union	556.05	96.72
		For Work In Restricted Working Space, Add	*43.53*	
23 21 13 23-0161	EA	3/8", 300 LB, Black Malleable Iron Union	49.79	9.94
		For Work In Restricted Working Space, Add	*5.97*	
23 21 13 23-0162	EA	1/2", 300 LB, Black Malleable Iron Union	54.03	19.88
		For Work In Restricted Working Space, Add	*8.96*	
23 21 13 23-0163	EA	3/4", 300 LB, Black Malleable Iron Union	61.22	23.02
		For Work In Restricted Working Space, Add	*10.33*	
23 21 13 23-0164	EA	1", 300 LB, Black Malleable Iron Union	75.67	27.13
		For Work In Restricted Working Space, Add	*12.21*	
23 21 13 23-0165	EA	1-1/4", 300 LB, Black Malleable Iron Union	105.42	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-0166	EA	1-1/2", 300 LB, Black Malleable Iron Union	117.49	38.50
		For Work In Restricted Working Space, Add	*17.33*	
23 21 13 23-0167	EA	2", 300 LB, Black Malleable Iron Union	145.60	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-0168	EA	2-1/2", 300 LB, Black Malleable Iron Union	344.22	70.48
		For Work In Restricted Working Space, Add	*31.73*	
23 21 13 23-0169	EA	3", 300 LB, Black Malleable Iron Union	447.65	92.69
		For Work In Restricted Working Space, Add	*41.75*	
23 21 13 23-0170	EA	4", 300 LB, Black Malleable Iron Union	1,124.23	96.72
		For Work In Restricted Working Space, Add	*43.53*	

23 21 13 23-0171 Black Steel Nipples *(23 21 13 23-0014)*

23 21 13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple	13.98	8.51
		For Schedule 80 Nipples, Add	*0.59*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple	13.79	8.51
		For Schedule 80 Nipples, Add	*0.50*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple	13.94	8.51
		For Schedule 80 Nipples, Add	*0.57*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple	15.42	9.23
		For Schedule 80 Nipples, Add	*0.83*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple	17.02	9.94
		For Schedule 80 Nipples, Add	*1.05*	
		For Work In Restricted Working Space, Add	*4.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple	17.54	9.94
		For Schedule 80 Nipples, Add	*1.31*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple	22.81	12.81
		For Schedule 80 Nipples, Add	*1.78*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple	35.00	15.94
		For Schedule 80 Nipples, Add	*5.56*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple	42.09	19.26
		For Schedule 80 Nipples, Add	*6.61*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple	53.59	22.50
		For Schedule 80 Nipples, Add	*9.95*	
		For Work In Restricted Working Space, Add	*10.11*	
23 21 13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple	14.13	8.51
		For Schedule 80 Nipples, Add	*0.67*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple	13.79	8.51
		For Schedule 80 Nipples, Add	*0.50*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple	14.02	8.51
		For Schedule 80 Nipples, Add	*0.61*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple	14.13	8.51
		For Schedule 80 Nipples, Add	*0.67*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple	13.79	8.51
		For Schedule 80 Nipples, Add	*0.50*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple	14.02	8.51
		For Schedule 80 Nipples, Add	*0.61*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple	15.58	9.23
		For Schedule 80 Nipples, Add	*0.91*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple	17.30	9.94
		For Schedule 80 Nipples, Add	*1.19*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple	17.75	9.94
		For Schedule 80 Nipples, Add	*1.41*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple	14.51	8.51
		For Schedule 80 Nipples, Add	*0.86*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	13.98	8.51
		For Schedule 80 Nipples, Add	*0.59*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	14.18	8.51
		For Schedule 80 Nipples, Add	*0.69*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple	15.69	9.23
		For Schedule 80 Nipples, Add	*0.96*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	17.45	9.94
		For Schedule 80 Nipples, Add	*1.26*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	18.08	9.94
		For Schedule 80 Nipples, Add	*1.58*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	23.34	12.81
		For Schedule 80 Nipples, Add	*2.04*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple	14.51	8.51
		For Schedule 80 Nipples, Add	*0.86*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple	13.98	8.51
		For Schedule 80 Nipples, Add	*0.59*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple	14.18	8.51
		For Schedule 80 Nipples, Add	*0.69*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple	15.69	9.23
		For Schedule 80 Nipples, Add	*0.96*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple	17.45	9.94
		For Schedule 80 Nipples, Add	*1.26*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	18.08	9.94
		For Schedule 80 Nipples, Add	*1.58*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple	23.34	12.81
		For Schedule 80 Nipples, Add	*2.04*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	35.29	15.94
		For Schedule 80 Nipples, Add	*5.71*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple	43.24	19.26
		For Schedule 80 Nipples, Add	*7.18*	
		For Work In Restricted Working Space, Add	*8.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	14.82	8.51
		For Schedule 80 Nipples, Add	*1.01*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	14.21	8.51
		For Schedule 80 Nipples, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	14.51	8.51
		For Schedule 80 Nipples, Add	*0.86*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	16.14	9.23
		For Schedule 80 Nipples, Add	*1.19*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	17.92	9.94
		For Schedule 80 Nipples, Add	*1.50*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	18.46	9.94
		For Schedule 80 Nipples, Add	*1.77*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	24.19	12.81
		For Schedule 80 Nipples, Add	*2.47*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	37.30	15.94
		For Schedule 80 Nipples, Add	*6.71*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	45.88	19.26
		For Schedule 80 Nipples, Add	*8.50*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple	14.82	8.51
		For Schedule 80 Nipples, Add	*1.01*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple	14.21	8.51
		For Schedule 80 Nipples, Add	*0.71*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple	14.51	8.51
		For Schedule 80 Nipples, Add	*0.86*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple	16.14	9.23
		For Schedule 80 Nipples, Add	*1.19*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple	17.92	9.94
		For Schedule 80 Nipples, Add	*1.50*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple	18.46	9.94
		For Schedule 80 Nipples, Add	*1.77*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple	24.19	12.81
		For Schedule 80 Nipples, Add	*2.47*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple	37.30	15.94
		For Schedule 80 Nipples, Add	*6.71*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple	45.88	19.26
		For Schedule 80 Nipples, Add	*8.50*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple	56.71	22.50
		For Schedule 80 Nipples, Add	*11.51*	
		For Work In Restricted Working Space, Add	*10.11*	
23 21 13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple	15.71	8.51
		For Schedule 80 Nipples, Add	*1.46*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	14.45	8.51
		For Schedule 80 Nipples, Add	*0.83*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	14.95	8.51
		For Schedule 80 Nipples, Add	*1.08*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple	16.59	9.23
		For Schedule 80 Nipples, Add	*1.41*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	18.50	9.94
		For Schedule 80 Nipples, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	19.24	9.94
		For Schedule 80 Nipples, Add	*2.16*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	24.94	12.81
		For Schedule 80 Nipples, Add	*2.84*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	38.62	15.94
		For Schedule 80 Nipples, Add	*7.37*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple	47.63	19.26
		For Schedule 80 Nipples, Add	*9.38*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	60.00	22.50
		For Schedule 80 Nipples, Add	*13.15*	
		For Work In Restricted Working Space, Add	*10.11*	
23 21 13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple	15.71	8.51
		For Schedule 80 Nipples, Add	*1.46*	
		For Work In Restricted Working Space, Add	*3.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple	14.45	8.51
		For Schedule 80 Nipples, Add	*0.83*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple	14.95	8.51
		For Schedule 80 Nipples, Add	*1.08*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple	16.59	9.23
		For Schedule 80 Nipples, Add	*1.41*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple	18.50	9.94
		For Schedule 80 Nipples, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple	19.24	9.94
		For Schedule 80 Nipples, Add	*2.16*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple	24.94	12.81
		For Schedule 80 Nipples, Add	*2.84*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple	38.62	15.94
		For Schedule 80 Nipples, Add	*7.37*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple	47.63	19.26
		For Schedule 80 Nipples, Add	*9.38*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple	60.00	22.50
		For Schedule 80 Nipples, Add	*13.15*	
		For Work In Restricted Working Space, Add	*10.11*	
23 21 13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple	16.04	8.51
		For Schedule 80 Nipples, Add	*1.62*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple	14.65	8.51
		For Schedule 80 Nipples, Add	*0.93*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple	15.25	8.51
		For Schedule 80 Nipples, Add	*1.23*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple	17.10	9.23
		For Schedule 80 Nipples, Add	*1.67*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	19.17	9.94
		For Schedule 80 Nipples, Add	*2.12*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	19.88	9.94
		For Schedule 80 Nipples, Add	*2.48*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	25.92	12.81
		For Schedule 80 Nipples, Add	*3.33*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	39.24	15.94
		For Schedule 80 Nipples, Add	*7.68*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	49.26	19.26
		For Schedule 80 Nipples, Add	*10.19*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	61.81	22.50
		For Schedule 80 Nipples, Add	*14.06*	
		For Work In Restricted Working Space, Add	*10.11*	
23 21 13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	18.49	8.51
		For Schedule 80 Nipples, Add	*2.85*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	16.13	8.51
		For Schedule 80 Nipples, Add	*1.67*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	16.88	8.51
		For Schedule 80 Nipples, Add	*2.04*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	19.22	9.23
		For Schedule 80 Nipples, Add	*2.73*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	21.77	9.94
		For Schedule 80 Nipples, Add	*3.42*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	22.78	9.94
		For Schedule 80 Nipples, Add	*3.93*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple	30.42	12.81
		For Schedule 80 Nipples, Add	*5.58*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	43.43	15.94
		For Schedule 80 Nipples, Add	*9.78*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple	56.38	19.26
		For Schedule 80 Nipples, Add	*13.75*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple	66.14	22.50
		For Schedule 80 Nipples, Add	*16.22*	
		For Work In Restricted Working Space, Add	*10.11*	
23 21 13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple	19.19	8.51
		For Schedule 80 Nipples, Add	*3.20*	
		For Work In Restricted Working Space, Add	*3.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple	16.80	8.51
		For Schedule 80 Nipples, Add	*2.00*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple	17.54	8.51
		For Schedule 80 Nipples, Add	*2.37*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple	20.14	9.23
		For Schedule 80 Nipples, Add	*3.19*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	23.13	9.94
		For Schedule 80 Nipples, Add	*4.10*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	24.11	9.94
		For Schedule 80 Nipples, Add	*4.59*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple	32.38	12.81
		For Schedule 80 Nipples, Add	*6.56*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	45.84	15.94
		For Schedule 80 Nipples, Add	*10.98*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple	59.77	19.26
		For Schedule 80 Nipples, Add	*15.45*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple	70.65	22.50
		For Schedule 80 Nipples, Add	*18.48*	
		For Work In Restricted Working Space, Add	*10.11*	
23 21 13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple	20.07	8.51
		For Schedule 80 Nipples, Add	*3.64*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple	17.55	8.51
		For Schedule 80 Nipples, Add	*2.38*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple	18.06	8.51
		For Schedule 80 Nipples, Add	*2.63*	
		For Work In Restricted Working Space, Add	*3.84*	
23 21 13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple	21.08	9.23
		For Schedule 80 Nipples, Add	*3.66*	
		For Work In Restricted Working Space, Add	*4.13*	
23 21 13 23-0280	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple	24.23	9.94
		For Schedule 80 Nipples, Add	*4.65*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0281	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple	25.51	9.94
		For Schedule 80 Nipples, Add	*5.29*	
		For Work In Restricted Working Space, Add	*4.48*	
23 21 13 23-0282	EA	2" x 12" Long, Schedule 40 Black Steel Nipple	34.37	12.81
		For Schedule 80 Nipples, Add	*7.56*	
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-0283	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple	48.31	15.94
		For Schedule 80 Nipples, Add	*12.22*	
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-0284	EA	3" x 12" Long, Schedule 40 Black Steel Nipple	63.16	19.26
		For Schedule 80 Nipples, Add	*17.14*	
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-0285	EA	4" x 12" Long, Schedule 40 Black Steel Nipple	77.01	22.50
		For Schedule 80 Nipples, Add	*21.66*	
		For Work In Restricted Working Space, Add	*10.11*	

23 21 13 23-0286 Black Malleable Iron Bushing *(23 21 13 23-0014)*

23 21 13 23-0287	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	26.30	14.60
		For Work In Restricted Working Space, Add	*6.56*	
23 21 13 23-0288	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Bushing	29.88	15.67
		For Work In Restricted Working Space, Add	*7.05*	
23 21 13 23-0289	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Bushing	31.67	16.83
		For Work In Restricted Working Space, Add	*7.59*	
23 21 13 23-0290	EA	1" x 3/8", 150 LB, Black Malleable Iron Bushing	33.85	16.75
		For Work In Restricted Working Space, Add	*7.52*	
23 21 13 23-0291	EA	1" x 1/2", 150 LB, Black Malleable Iron Bushing	33.42	17.91
		For Work In Restricted Working Space, Add	*8.06*	
23 21 13 23-0292	EA	1" x 3/4", 150 LB, Black Malleable Iron Bushing	34.85	18.89
		For Work In Restricted Working Space, Add	*8.49*	
23 21 13 23-0293	EA	1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing	36.88	18.00
		For Work In Restricted Working Space, Add	*8.11*	
23 21 13 23-0294	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing	38.23	19.26
		For Work In Restricted Working Space, Add	*8.65*	
23 21 13 23-0295	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing	38.73	20.15
		For Work In Restricted Working Space, Add	*9.08*	
23 21 13 23-0296	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Bushing	40.29	21.23
		For Work In Restricted Working Space, Add	*9.55*	
23 21 13 23-0297	EA	1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	42.20	19.52
		For Work In Restricted Working Space, Add	*8.76*	
23 21 13 23-0298	EA	1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing	41.71	20.68
		For Work In Restricted Working Space, Add	*9.30*	
23 21 13 23-0299	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing	43.13	21.58
		For Work In Restricted Working Space, Add	*9.73*	
23 21 13 23-0300	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Bushing	43.37	22.66
		For Work In Restricted Working Space, Add	*10.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0301	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	46.69	23.99
		For Work In Restricted Working Space, Add	*10.79*	
23 21 13 23-0302	EA	2" x 3/8", 150 LB, Black Malleable Iron Bushing	52.69	22.93
		For Work In Restricted Working Space, Add	*10.31*	
23 21 13 23-0303	EA	2" x 1/2", 150 LB, Black Malleable Iron Bushing	52.31	24.09
		For Work In Restricted Working Space, Add	*10.84*	
23 21 13 23-0304	EA	2" x 3/4", 150 LB, Black Malleable Iron Bushing	51.25	25.07
		For Work In Restricted Working Space, Add	*11.27*	
23 21 13 23-0305	EA	2" x 1", 150 LB, Black Malleable Iron Bushing	51.95	26.06
		For Work In Restricted Working Space, Add	*11.74*	
23 21 13 23-0306	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	53.92	27.41
		For Work In Restricted Working Space, Add	*12.33*	
23 21 13 23-0307	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Bushing	57.51	28.83
		For Work In Restricted Working Space, Add	*12.98*	
23 21 13 23-0308	EA	2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing	72.48	32.78
		For Work In Restricted Working Space, Add	*14.76*	
23 21 13 23-0309	EA	2-1/2" x 1", 150 LB, Black Malleable Iron Bushing	74.04	33.85
		For Work In Restricted Working Space, Add	*15.23*	
23 21 13 23-0310	EA	2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	76.01	35.10
		For Work In Restricted Working Space, Add	*15.82*	
23 21 13 23-0311	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing	76.57	36.63
		For Work In Restricted Working Space, Add	*16.46*	
23 21 13 23-0312	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Bushing	81.54	40.03
		For Work In Restricted Working Space, Add	*18.01*	
23 21 13 23-0313	EA	3" x 3/4", 150 LB, Black Malleable Iron Bushing	92.71	40.30
		For Work In Restricted Working Space, Add	*18.15*	
23 21 13 23-0314	EA	3" x 1", 150 LB, Black Malleable Iron Bushing	94.25	41.37
		For Work In Restricted Working Space, Add	*18.62*	
23 21 13 23-0315	EA	3" x 1-1/4", 150 LB, Black Malleable Iron Bushing	96.23	42.72
		For Work In Restricted Working Space, Add	*19.21*	
23 21 13 23-0316	EA	3" x 1-1/2", 150 LB, Black Malleable Iron Bushing	97.77	44.15
		For Work In Restricted Working Space, Add	*19.86*	
23 21 13 23-0317	EA	3" x 2", 150 LB, Black Malleable Iron Bushing	100.85	47.55
		For Work In Restricted Working Space, Add	*21.40*	
23 21 13 23-0318	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Bushing	112.90	55.34
		For Work In Restricted Working Space, Add	*24.89*	
23 21 13 23-0319	EA	4" x 3/4", 150 LB, Black Malleable Iron Bushing	123.49	41.11
		For Work In Restricted Working Space, Add	*18.52*	
23 21 13 23-0320	EA	4" x 1", 150 LB, Black Malleable Iron Bushing	124.96	42.12
		For Work In Restricted Working Space, Add	*18.96*	
23 21 13 23-0321	EA	4" x 1-1/4", 150 LB, Black Malleable Iron Bushing	126.81	43.39
		For Work In Restricted Working Space, Add	*19.51*	
23 21 13 23-0322	EA	4" x 1-1/2", 150 LB, Black Malleable Iron Bushing	128.84	44.74
		For Work In Restricted Working Space, Add	*20.12*	
23 21 13 23-0323	EA	4" x 2", 150 LB, Black Malleable Iron Bushing	130.37	47.94
		For Work In Restricted Working Space, Add	*21.58*	
23 21 13 23-0324	EA	4" x 2-1/2", 150 LB, Black Malleable Iron Bushing	141.29	55.26
		For Work In Restricted Working Space, Add	*24.85*	
23 21 13 23-0325	EA	4" x 3", 150 LB, Black Malleable Iron Bushing	151.94	62.34
		For Work In Restricted Working Space, Add	*28.05*	

23 21 13 23-0326 Black Malleable Iron Square Head Plugs *(23 21 13 23-0014)*

23 21 13 23-0327	EA	3/8", 150 LB, Black Malleable Iron Square Head Plug	11.33	5.28
		For Work In Restricted Working Space, Add	*2.39*	
23 21 13 23-0328	EA	1/2", 150 LB, Black Malleable Iron Square Head Plug	13.16	6.36
		For Work In Restricted Working Space, Add	*2.87*	
23 21 13 23-0329	EA	3/4", 150 LB, Black Malleable Iron Square Head Plug	14.29	7.16
		For Work In Restricted Working Space, Add	*3.21*	
23 21 13 23-0330	EA	1", 150 LB, Black Malleable Iron Square Head Plug	16.46	7.97
		For Work In Restricted Working Space, Add	*3.58*	
23 21 13 23-0331	EA	1-1/4", 150 LB, Black Malleable Iron Square Head Plug	19.21	9.04
		For Work In Restricted Working Space, Add	*4.05*	
23 21 13 23-0332	EA	1-1/2", 150 LB, Black Malleable Iron Square Head Plug	23.19	10.12
		For Work In Restricted Working Space, Add	*4.57*	
23 21 13 23-0333	EA	2", 150 LB, Black Malleable Iron Square Head Plug	30.66	12.90
		For Work In Restricted Working Space, Add	*5.81*	
23 21 13 23-0334	EA	2-1/2", 150 LB, Black Malleable Iron Square Head Plug	49.21	19.08
		For Work In Restricted Working Space, Add	*8.60*	
23 21 13 23-0335	EA	3", 150 LB, Black Malleable Iron Square Head Plug	65.94	25.16
		For Work In Restricted Working Space, Add	*11.31*	
23 21 13 23-0336	EA	4", 150 LB, Black Malleable Iron Square Head Plug	98.54	26.20
		For Work In Restricted Working Space, Add	*11.80*	
23 21 13 23-0337	EA	5", 150 LB, Black Malleable Iron Square Head Plug	168.21	27.38
		For Work In Restricted Working Space, Add	*12.31*	
23 21 13 23-0338	EA	6", 150 LB, Black Malleable Iron Square Head Plug	200.43	28.56
		For Work In Restricted Working Space, Add	*12.87*	

23 21 13 23-0339 125 LB Black Cast Iron Screwed Flanges *(23 21 13 23-0014)*

23 21 13 23-0340	EA	3/4", 125 LB, Black Cast Iron Flange	118.20	35.82
		For Work In Restricted Working Space, Add	*16.12*	
23 21 13 23-0341	EA	1", 125 LB, Black Cast Iron Flange	101.72	40.47
		For Work In Restricted Working Space, Add	*18.22*	
23 21 13 23-0342	EA	1-1/4", 125 LB, Black Cast Iron Flange	111.90	41.91
		For Work In Restricted Working Space, Add	*18.85*	
23 21 13 23-0343	EA	1-1/2", 125 LB, Black Cast Iron Flange	113.69	45.59
		For Work In Restricted Working Space, Add	*20.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0344	EA	2", 125 LB, Black Cast Iron Flange	116.60	47.55
		For Work In Restricted Working Space, Add	*21.41*	
23 21 13 23-0345	EA	2-1/2", 125 LB, Black Cast Iron Flange	135.45	55.07
		For Work In Restricted Working Space, Add	*24.76*	
23 21 13 23-0346	EA	3", 125 LB, Black Cast Iron Flange	172.92	69.85
		For Work In Restricted Working Space, Add	*31.42*	
23 21 13 23-0347	EA	4", 125 LB, Black Cast Iron Flange	226.68	89.89
		For Work In Restricted Working Space, Add	*40.44*	
23 21 13 23-0348	EA	5", 125 LB, Black Cast Iron Flange	290.27	107.08
		For Work In Restricted Working Space, Add	*48.14*	
23 21 13 23-0349	EA	6", 125 LB, Black Cast Iron Flange	331.15	122.92
		For Work In Restricted Working Space, Add	*55.29*	

23 21 13 23-0350 150 LB, Black Malleable Iron Flanges *(23 21 13 23-0014)*

23 21 13 23-0351	EA	1/2", 150 LB, Black Malleable Iron Flange	63.33	32.69
		For Work In Restricted Working Space, Add	*14.72*	
23 21 13 23-0352	EA	3/4", 150 LB, Black Malleable Iron Flange	69.10	35.82
		For Work In Restricted Working Space, Add	*16.12*	
23 21 13 23-0353	EA	1", 150 LB, Black Malleable Iron Flange	80.68	40.47
		For Work In Restricted Working Space, Add	*18.21*	
23 21 13 23-0354	EA	1-1/4", 150 LB, Black Malleable Iron Flange	84.19	41.91
		For Work In Restricted Working Space, Add	*18.85*	
23 21 13 23-0355	EA	1-1/2", 150 LB, Black Malleable Iron Flange	91.65	45.59
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-0356	EA	2", 150 LB, Black Malleable Iron Flange	101.71	47.55
		For Work In Restricted Working Space, Add	*21.40*	
23 21 13 23-0357	EA	2-1/2", 150 LB, Black Malleable Iron Flange	130.15	55.07
		For Work In Restricted Working Space, Add	*24.76*	
23 21 13 23-0358	EA	3", 150 LB, Black Malleable Iron Flange	164.91	69.85
		For Work In Restricted Working Space, Add	*31.41*	
23 21 13 23-0359	EA	4", 150 LB, Black Malleable Iron Flange	237.01	89.89
		For Work In Restricted Working Space, Add	*40.43*	

23 21 13 23-0360 Cut And Thread Existing In-Place Black Steel Pipe *(23 21 13 23-0014)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0361	EA	1/2", Cut And Thread Existing In Place Black Steel Pipe	29.18	
		For Work In Restricted Working Space, Add	*8.75*	
23 21 13 23-0362	EA	3/4", Cut And Thread Existing In Place Black Steel Pipe	32.10	
		For Work In Restricted Working Space, Add	*9.63*	
23 21 13 23-0363	EA	1", Cut And Thread Existing In Place Black Steel Pipe	35.03	
		For Work In Restricted Working Space, Add	*10.51*	
23 21 13 23-0364	EA	1-1/4", Cut And Thread Existing In Place Black Steel Pipe	37.94	
		For Work In Restricted Working Space, Add	*11.38*	
23 21 13 23-0365	EA	1-1/2", Cut And Thread Existing In Place Black Steel Pipe	39.88	
		For Work In Restricted Working Space, Add	*11.96*	
23 21 13 23-0366	EA	2", Cut And Thread Existing In Place Black Steel Pipe	41.84	
		For Work In Restricted Working Space, Add	*12.55*	
23 21 13 23-0367	EA	2-1/2", Cut And Thread Existing In Place Black Steel Pipe	43.79	
		For Work In Restricted Working Space, Add	*13.14*	
23 21 13 23-0368	EA	3", Cut And Thread Existing In Place Black Steel Pipe	45.73	
		For Work In Restricted Working Space, Add	*13.72*	
23 21 13 23-0369	EA	4", Cut And Thread Existing In Place Black Steel Pipe	47.67	
		For Work In Restricted Working Space, Add	*14.30*	
23 21 13 23-0370	EA	6", Cut And Thread Existing In Place Black Steel Pipe	51.56	
		For Work In Restricted Working Space, Add	*15.47*	
23 21 13 23-0371	EA	8", Cut And Thread Existing In Place Black Steel Pipe	55.45	
		For Work In Restricted Working Space, Add	*16.64*	
23 21 13 23-0372	EA	10", Cut And Thread Existing In Place Black Steel Pipe	60.32	
		For Work In Restricted Working Space, Add	*18.10*	
23 21 13 23-0373	EA	12", Cut And Thread Existing In Place Black Steel Pipe	64.21	
		For Work In Restricted Working Space, Add	*19.26*	

23 21 13 23-0374 Welded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0375 Welded Plain End Black Steel Pipe Assemblies *(23 21 13 23-0374)*

Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0376	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	20.91	6.81
		For Work In Restricted Working Space, Add	*4.98*	
23 21 13 23-0377	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	23.23	7.26
		For Work In Restricted Working Space, Add	*5.57*	
23 21 13 23-0378	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	27.70	7.72
		For Work In Restricted Working Space, Add	*6.40*	
23 21 13 23-0379	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	29.46	7.72
		For Work In Restricted Working Space, Add	*6.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0380	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	33.69	7.72
		For Work In Restricted Working Space, Add	*7.74*	
23 21 13 23-0381	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	39.08	7.72
		For Work In Restricted Working Space, Add	*8.97*	
23 21 13 23-0382	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	44.76	7.53
		For Work In Restricted Working Space, Add	*9.47*	
23 21 13 23-0383	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	57.85	9.24
		For Work In Restricted Working Space, Add	*11.47*	
23 21 13 23-0384	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	77.00	13.77
		For Work In Restricted Working Space, Add	*13.21*	
23 21 13 23-0385	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	116.85	17.12
		For Work In Restricted Working Space, Add	*19.59*	
23 21 13 23-0386	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	154.96	21.40
		For Work In Restricted Working Space, Add	*23.36*	
23 21 13 23-0387	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	193.40	25.84
		For Work In Restricted Working Space, Add	*27.00*	
23 21 13 23-0388	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	216.80	33.72
		For Work In Restricted Working Space, Add	*30.12*	
23 21 13 23-0389	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	252.61	42.78
		For Work In Restricted Working Space, Add	*33.66*	
23 21 13 23-0390	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	317.03	52.97
		For Work In Restricted Working Space, Add	*36.93*	
23 21 13 23-0391	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	407.41	65.46
		For Work In Restricted Working Space, Add	*42.27*	
23 21 13 23-0392	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	502.68	74.19
		For Work In Restricted Working Space, Add	*46.48*	

23 21 13 23-0393 Welded Black Steel Pipe And Fittings *(23 21 13 23-0374)*

Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.

23 21 13 23-0394 Welded Plain End Black Steel Piping *(23 21 13 23-0393)*

Note: ASTM A-53

23 21 13 23-0395	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe	8.77	3.63
		For Schedule 80 Pipe, Add	*1.39*	
		For Schedule A-106 Pipe, Add	*0.18*	
		For Work In Restricted Working Space, Add	*2.18*	
23 21 13 23-0396	LF	1" Schedule 40, Welded Plain End Black Steel Pipe	11.08	4.54
		For Schedule 80 Pipe, Add	*1.76*	
		For Schedule A-106 Pipe, Add	*0.24*	
		For Work In Restricted Working Space, Add	*2.72*	
23 21 13 23-0397	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe	13.83	5.44
		For Schedule 80 Pipe, Add	*2.22*	
		For Schedule A-106 Pipe, Add	*0.35*	
		For Work In Restricted Working Space, Add	*3.27*	
23 21 13 23-0398	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe	16.61	6.35
		For Schedule 80 Pipe, Add	*2.69*	
		For Schedule A-106 Pipe, Add	*0.47*	
		For Work In Restricted Working Space, Add	*3.81*	
23 21 13 23-0399	LF	2" Schedule 40, Welded Plain End Black Steel Pipe	19.75	7.53
		For Schedule 80 Pipe, Add	*3.20*	
		For Schedule A-106 Pipe, Add	*0.56*	
		For Work In Restricted Working Space, Add	*4.52*	
23 21 13 23-0400	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe	22.51	8.53
		For Schedule 80 Pipe, Add	*4.89*	
		For Schedule A-106 Pipe, Add	*0.65*	
		For Work In Restricted Working Space, Add	*5.12*	
23 21 13 23-0401	LF	3" Schedule 40, Welded Plain End Black Steel Pipe	26.99	9.17
		For Schedule 80 Pipe, Add	*6.24*	
		For Schedule A-106 Pipe, Add	*1.04*	
		For Work In Restricted Working Space, Add	*5.50*	
23 21 13 23-0402	LF	4" Schedule 40, Welded Plain End Black Steel Pipe	36.56	11.35
		For Schedule 80 Pipe, Add	*8.83*	
		For Schedule A-106 Pipe, Add	*1.67*	
		For Work In Restricted Working Space, Add	*6.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0403	LF	6" Schedule 40, Welded Plain End Black Steel Pipe	51.39	18.37
		For Schedule 80 Pipe, Add	*13.06*	
		For Schedule A-106 Pipe, Add	*2.79*	
		For Work In Restricted Working Space, Add	*8.44*	
23 21 13 23-0404	LF	8" Schedule 40, Welded Plain End Black Steel Pipe	71.87	18.40
		For Schedule 80 Pipe, Add	*18.71*	
		For Schedule A-106 Pipe, Add	*4.21*	
		For Schedule 30 Pipe, Deduct	*-10.69*	
		For Work In Restricted Working Space, Add	*11.04*	
23 21 13 23-0405	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	93.97	22.16
		For Schedule 80 Pipe, Add	*25.13*	
		For Schedule A-106 Pipe, Add	*5.96*	
		For Schedule 30 Pipe, Deduct	*-14.36*	
		For Work In Restricted Working Space, Add	*13.30*	
23 21 13 23-0406	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	119.22	26.78
		For Schedule 80 Pipe, Add	*32.35*	
		For Schedule A-106 Pipe, Add	*7.88*	
		For Schedule 30 Pipe, Deduct	*-18.49*	
		For Work In Restricted Working Space, Add	*16.07*	
23 21 13 23-0407	LF	14" Schedule 40, Welded Plain End Black Steel Pipe	116.34	28.24
		For Schedule 80 Pipe, Add	*30.84*	
		For Schedule A-106 Pipe, Add	*7.18*	
		For Schedule 30 Pipe, Deduct	*-17.62*	
		For Schedule 20 Pipe, Deduct	*-32.25*	
		For Work In Restricted Working Space, Add	*16.94*	
23 21 13 23-0408	LF	16" Schedule 40, Welded Plain End Black Steel Pipe	127.68	30.38
		For Schedule 80 Pipe, Add	*34.06*	
		For Schedule A-106 Pipe, Add	*8.03*	
		For Schedule 30 Pipe, Deduct	*-19.46*	
		For Schedule 20 Pipe, Deduct	*-35.57*	
		For Work In Restricted Working Space, Add	*18.23*	
23 21 13 23-0409	LF	18" Schedule 40, Welded Plain End Black Steel Pipe	158.46	32.86
		For Schedule 80 Pipe, Add	*43.96*	
		For Schedule A-106 Pipe, Add	*11.13*	
		For Schedule 30 Pipe, Deduct	*-25.12*	
		For Schedule 20 Pipe, Deduct	*-45.60*	
		For Work In Restricted Working Space, Add	*19.72*	
23 21 13 23-0410	LF	20" Schedule 40, Welded Plain End Black Steel Pipe	187.62	39.36
		For Schedule 80 Pipe, Add	*51.89*	
		For Schedule A-106 Pipe, Add	*13.07*	
		For Work In Restricted Working Space, Add	*23.62*	
23 21 13 23-0411	LF	24" Schedule 40, Welded Plain End Black Steel Pipe	231.21	45.27
		For Schedule 80 Pipe, Add	*65.08*	
		For Schedule A-106 Pipe, Add	*16.88*	
		For Work In Restricted Working Space, Add	*27.16*	

23 21 13 23-0412 Welded Plain End Black Steel 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0413	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	98.26	54.26
		For Schedule 80 Or Extra Heavy Fittings, Add	*20.94*	
		For Work In Restricted Working Space, Add	*24.39*	
23 21 13 23-0414	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	102.52	57.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*21.77*	
		For Work In Restricted Working Space, Add	*25.67*	
23 21 13 23-0415	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	114.50	65.04
		For Schedule 80 Or Extra Heavy Fittings, Add	*24.11*	
		For Work In Restricted Working Space, Add	*29.26*	
23 21 13 23-0416	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	122.20	70.18
		For Schedule 80 Or Extra Heavy Fittings, Add	*25.61*	
		For Work In Restricted Working Space, Add	*31.57*	
23 21 13 23-0417	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	153.85	91.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*31.78*	
		For Work In Restricted Working Space, Add	*41.07*	
23 21 13 23-0418	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	193.73	114.16
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.15*	
		For Work In Restricted Working Space, Add	*51.34*	
23 21 13 23-0419	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	210.90	122.69
		For Schedule 80 Or Extra Heavy Fittings, Add	*43.96*	
		For Work In Restricted Working Space, Add	*55.16*	
23 21 13 23-0420	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	362.52	211.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*75.38*	
		For Work In Restricted Working Space, Add	*95.35*	
23 21 13 23-0421	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	634.43	349.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*135.25*	
		For Work In Restricted Working Space, Add	*157.37*	
23 21 13 23-0422	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	899.20	463.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*196.76*	
		For Work In Restricted Working Space, Add	*208.58*	
23 21 13 23-0423	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,169.02	530.04
		For Schedule 80 Or Extra Heavy Fittings, Add	*267.27*	
		For Work In Restricted Working Space, Add	*238.38*	
23 21 13 23-0424	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,582.58	693.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*365.61*	
		For Work In Restricted Working Space, Add	*311.90*	
23 21 13 23-0425	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,963.78	819.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*460.09*	
		For Work In Restricted Working Space, Add	*368.69*	
23 21 13 23-0426	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,440.86	957.23
		For Schedule 80 Or Extra Heavy Fittings, Add	*581.58*	
		For Work In Restricted Working Space, Add	*430.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0427	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,894.71	1,067.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*700.39*	
		For Work In Restricted Working Space, Add	*480.06*	
23 21 13 23-0428	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,696.95	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*920.68*	
		For Work In Restricted Working Space, Add	*538.29*	
23 21 13 23-0429	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,340.68	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,107.52*	
		For Work In Restricted Working Space, Add	*556.23*	

23 21 13 23-0430 Welded Plain End Black Steel Reducing 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0431	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	502.24	212.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*117.24*	
		For Work In Restricted Working Space, Add	*95.53*	
23 21 13 23-0432	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	878.13	345.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*208.99*	
		For Work In Restricted Working Space, Add	*155.57*	
23 21 13 23-0433	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	939.78	345.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*227.49*	
		For Work In Restricted Working Space, Add	*155.57*	
23 21 13 23-0434	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,453.77	463.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*363.13*	
		For Work In Restricted Working Space, Add	*208.58*	
23 21 13 23-0435	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,600.77	463.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*407.23*	
		For Work In Restricted Working Space, Add	*208.58*	
23 21 13 23-0436	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,007.01	530.04
		For Schedule 80 Or Extra Heavy Fittings, Add	*518.67*	
		For Work In Restricted Working Space, Add	*238.38*	
23 21 13 23-0437	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,007.01	530.04
		For Schedule 80 Or Extra Heavy Fittings, Add	*518.67*	
		For Work In Restricted Working Space, Add	*238.38*	
23 21 13 23-0438	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,310.48	706.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*881.90*	
		For Work In Restricted Working Space, Add	*317.85*	
23 21 13 23-0439	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,310.48	706.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*881.90*	
		For Work In Restricted Working Space, Add	*317.85*	
23 21 13 23-0440	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,710.32	706.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,001.85*	
		For Work In Restricted Working Space, Add	*317.85*	

23 21 13 23-0441 Welded Plain End Black Steel 45 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0442	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	90.60	51.46
		For Schedule 80 Or Extra Heavy Fittings, Add	*19.08*	
		For Work In Restricted Working Space, Add	*23.14*	
23 21 13 23-0443	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	93.32	53.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*19.61*	
		For Work In Restricted Working Space, Add	*23.96*	
23 21 13 23-0444	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	105.12	61.16
		For Schedule 80 Or Extra Heavy Fittings, Add	*21.91*	
		For Work In Restricted Working Space, Add	*27.50*	
23 21 13 23-0445	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	112.37	65.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*23.33*	
		For Work In Restricted Working Space, Add	*29.67*	
23 21 13 23-0446	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	141.42	85.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*28.99*	
		For Work In Restricted Working Space, Add	*38.39*	
23 21 13 23-0447	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	176.30	107.17
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.02*	
		For Work In Restricted Working Space, Add	*48.19*	
23 21 13 23-0448	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	203.58	122.60
		For Schedule 80 Or Extra Heavy Fittings, Add	*41.77*	
		For Work In Restricted Working Space, Add	*55.16*	
23 21 13 23-0449	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	350.37	211.90
		For Schedule 80 Or Extra Heavy Fittings, Add	*71.75*	
		For Work In Restricted Working Space, Add	*95.33*	
23 21 13 23-0450	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	604.18	349.47
		For Schedule 80 Or Extra Heavy Fittings, Add	*126.24*	
		For Work In Restricted Working Space, Add	*157.19*	
23 21 13 23-0451	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	844.17	463.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*180.25*	
		For Work In Restricted Working Space, Add	*208.58*	
23 21 13 23-0452	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,067.99	530.04
		For Schedule 80 Or Extra Heavy Fittings, Add	*236.96*	
		For Work In Restricted Working Space, Add	*238.38*	
23 21 13 23-0453	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,434.14	692.21
		For Schedule 80 Or Extra Heavy Fittings, Add	*321.28*	
		For Work In Restricted Working Space, Add	*311.32*	
23 21 13 23-0454	EA	14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,767.13	820.82
		For Schedule 80 Or Extra Heavy Fittings, Add	*400.93*	
		For Work In Restricted Working Space, Add	*369.18*	
23 21 13 23-0455	EA	16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,167.96	956.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*499.86*	
		For Work In Restricted Working Space, Add	*430.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0456	EA	18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,543.55	1,066.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*595.24*	
		For Work In Restricted Working Space, Add	*479.51*	
23 21 13 23-0457	EA	20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,183.51	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*766.65*	
		For Work In Restricted Working Space, Add	*538.29*	
23 21 13 23-0458	EA	24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,669.67	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*906.22*	
		For Work In Restricted Working Space, Add	*556.23*	

23 21 13 23-0459 Welded Plain End Black Steel Tee *(23 21 13 23-0393)*

23 21 13 23-0460	EA	3/4" Standard Weight, Welded Plain End Black Steel Tee	185.85	96.82
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.51*	
		For Work In Restricted Working Space, Add	*43.56*	
23 21 13 23-0461	EA	1" Standard Weight, Welded Plain End Black Steel Tee	185.80	96.82
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.50*	
		For Work In Restricted Working Space, Add	*43.55*	
23 21 13 23-0462	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Tee	210.47	107.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.19*	
		For Work In Restricted Working Space, Add	*48.44*	
23 21 13 23-0463	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Tee	230.50	121.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.09*	
		For Work In Restricted Working Space, Add	*54.45*	
23 21 13 23-0464	EA	2" Standard Weight, Welded Plain End Black Steel Tee	285.65	161.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*60.25*	
		For Work In Restricted Working Space, Add	*72.69*	
23 21 13 23-0465	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Tee	326.10	181.59
		For Schedule 80 Or Extra Heavy Fittings, Add	*69.24*	
		For Work In Restricted Working Space, Add	*81.68*	
23 21 13 23-0466	EA	3" Standard Weight, Welded Plain End Black Steel Tee	389.93	220.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*82.29*	
		For Work In Restricted Working Space, Add	*99.10*	
23 21 13 23-0467	EA	4" Standard Weight, Welded Plain End Black Steel Tee	560.54	318.62
		For Schedule 80 Or Extra Heavy Fittings, Add	*118.01*	
		For Work In Restricted Working Space, Add	*143.29*	
23 21 13 23-0468	EA	6" Standard Weight, Welded Plain End Black Steel Tee	940.04	526.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*199.15*	
		For Work In Restricted Working Space, Add	*236.74*	
23 21 13 23-0469	EA	8" Standard Weight, Welded Plain End Black Steel Tee	1,338.92	706.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*290.43*	
		For Work In Restricted Working Space, Add	*317.85*	
23 21 13 23-0470	EA	10" Standard Weight, Welded Plain End Black Steel Tee	1,704.58	824.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*381.59*	
		For Work In Restricted Working Space, Add	*370.82*	
23 21 13 23-0471	EA	12" Standard Weight, Welded Plain End Black Steel Tee	2,301.78	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*523.67*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0472	EA	14" Standard Weight, Welded Plain End Black Steel Tee	2,999.75	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*705.24*	
		For Work In Restricted Working Space, Add	*556.23*	
23 21 13 23-0473	EA	16" Standard Weight, Welded Plain End Black Steel Tee	3,609.92	1,484.02
		For Schedule 80 Or Extra Heavy Fittings, Add	*849.36*	
		For Work In Restricted Working Space, Add	*667.47*	
23 21 13 23-0474	EA	18" Standard Weight, Welded Plain End Black Steel Tee	4,734.51	1,648.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,160.78*	
		For Work In Restricted Working Space, Add	*741.64*	
23 21 13 23-0475	EA	20" Standard Weight, Welded Plain End Black Steel Tee	6,273.97	1,855.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,590.17*	
		For Work In Restricted Working Space, Add	*834.35*	
23 21 13 23-0476	EA	24" Standard Weight, Welded Plain End Black Steel Tee	7,255.38	1,997.76
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,862.13*	
		For Work In Restricted Working Space, Add	*898.52*	

23 21 13 23-0477 Welded Plain End Black Steel Reducing Tees *(23 21 13 23-0393)*

23 21 13 23-0478	EA	3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	181.31	93.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*39.62*	
		For Work In Restricted Working Space, Add	*42.20*	
23 21 13 23-0479	EA	1" Standard Weight, Welded Plain End Black Steel Reducing Tee	185.80	96.82
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.50*	
		For Work In Restricted Working Space, Add	*43.55*	
23 21 13 23-0480	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	207.87	107.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*45.41*	
		For Work In Restricted Working Space, Add	*48.44*	
23 21 13 23-0481	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	227.90	121.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.31*	
		For Work In Restricted Working Space, Add	*54.45*	
23 21 13 23-0482	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee	291.48	161.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*61.99*	
		For Work In Restricted Working Space, Add	*72.71*	
23 21 13 23-0483	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	326.21	181.68
		For Schedule 80 Or Extra Heavy Fittings, Add	*69.27*	
		For Work In Restricted Working Space, Add	*81.71*	
23 21 13 23-0484	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee	390.20	220.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*82.38*	
		For Work In Restricted Working Space, Add	*99.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0485	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee	560.93	318.62
		For Schedule 80 Or Extra Heavy Fittings, Add	*118.13*	
		For Work In Restricted Working Space, Add	*143.29*	
23 21 13 23-0486	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee	940.70	526.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*199.35*	
		For Work In Restricted Working Space, Add	*236.74*	
23 21 13 23-0487	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,340.18	706.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*290.81*	
		For Work In Restricted Working Space, Add	*317.85*	
23 21 13 23-0488	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,706.72	824.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*382.23*	
		For Work In Restricted Working Space, Add	*370.82*	
23 21 13 23-0489	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,305.02	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*524.64*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0490	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee	3,004.95	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*706.80*	
		For Work In Restricted Working Space, Add	*556.23*	
23 21 13 23-0491	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee	3,616.23	1,484.02
		For Schedule 80 Or Extra Heavy Fittings, Add	*851.25*	
		For Work In Restricted Working Space, Add	*667.47*	
23 21 13 23-0492	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee	4,744.82	1,648.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,163.87*	
		For Work In Restricted Working Space, Add	*741.64*	
23 21 13 23-0493	EA	20" Standard Weight, Welded Plain End Black Steel Reducing Tee	6,374.09	1,855.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,620.21*	
		For Work In Restricted Working Space, Add	*834.35*	
23 21 13 23-0494	EA	24" Standard Weight, Welded Plain End Black Steel Reducing Tee	7,702.59	1,997.76
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,996.29*	
		For Work In Restricted Working Space, Add	*898.52*	

23 21 13 23-0495 Welded Plain End Black Steel Eccentric Reducers *(23 21 13 23-0393)*

23 21 13 23-0496	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	154.76	59.01
		For Schedule 80 Or Extra Heavy Fittings, Add	*37.14*	
		For Work In Restricted Working Space, Add	*26.54*	
23 21 13 23-0497	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	163.37	64.76
		For Schedule 80 Or Extra Heavy Fittings, Add	*38.82*	
		For Work In Restricted Working Space, Add	*29.12*	
23 21 13 23-0498	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	161.12	63.25
		For Schedule 80 Or Extra Heavy Fittings, Add	*38.38*	
		For Work In Restricted Working Space, Add	*28.45*	
23 21 13 23-0499	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	173.81	71.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.85*	
		For Work In Restricted Working Space, Add	*32.26*	
23 21 13 23-0500	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	167.46	67.48
		For Schedule 80 Or Extra Heavy Fittings, Add	*39.62*	
		For Work In Restricted Working Space, Add	*30.35*	
23 21 13 23-0501	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	165.19	65.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*39.17*	
		For Work In Restricted Working Space, Add	*29.67*	
23 21 13 23-0502	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	168.55	85.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*37.08*	
		For Work In Restricted Working Space, Add	*38.52*	
23 21 13 23-0503	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	189.35	82.91
		For Schedule 80 Or Extra Heavy Fittings, Add	*43.75*	
		For Work In Restricted Working Space, Add	*37.29*	
23 21 13 23-0504	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	183.00	78.68
		For Schedule 80 Or Extra Heavy Fittings, Add	*42.51*	
		For Work In Restricted Working Space, Add	*35.39*	
23 21 13 23-0505	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	209.90	108.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*45.82*	
		For Work In Restricted Working Space, Add	*49.00*	
23 21 13 23-0506	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	201.15	97.73
		For Schedule 80 Or Extra Heavy Fittings, Add	*44.96*	
		For Work In Restricted Working Space, Add	*43.96*	
23 21 13 23-0507	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	241.23	95.01
		For Schedule 80 Or Extra Heavy Fittings, Add	*57.41*	
		For Work In Restricted Working Space, Add	*42.74*	
23 21 13 23-0508	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	234.33	122.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*51.05*	
		For Work In Restricted Working Space, Add	*55.00*	
23 21 13 23-0509	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	237.94	122.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*52.13*	
		For Work In Restricted Working Space, Add	*55.00*	
23 21 13 23-0510	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	245.57	122.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*54.42*	
		For Work In Restricted Working Space, Add	*55.00*	
23 21 13 23-0511	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	385.08	212.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*82.09*	
		For Work In Restricted Working Space, Add	*95.53*	
23 21 13 23-0512	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	388.68	212.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*83.17*	
		For Work In Restricted Working Space, Add	*95.53*	
23 21 13 23-0513	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	399.54	212.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*86.43*	
		For Work In Restricted Working Space, Add	*95.53*	
23 21 13 23-0514	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	655.89	345.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*142.32*	
		For Work In Restricted Working Space, Add	*155.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0515	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	733.79	345.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*165.69*	
		For Work In Restricted Working Space, Add	*155.57*	
23 21 13 23-0516	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	964.20	526.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*206.40*	
		For Work In Restricted Working Space, Add	*236.74*	
23 21 13 23-0517	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,109.15	526.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*249.89*	
		For Work In Restricted Working Space, Add	*236.74*	
23 21 13 23-0518	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,136.77	605.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*245.74*	
		For Work In Restricted Working Space, Add	*272.25*	
23 21 13 23-0519	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,311.03	605.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*298.02*	
		For Work In Restricted Working Space, Add	*272.25*	
23 21 13 23-0520	EA	10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,540.31	605.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*366.81*	
		For Concentric Reducers, Deduct	*-202.50*	
		For Work In Restricted Working Space, Add	*272.25*	
23 21 13 23-0521	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,415.24	705.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*313.54*	
		For Work In Restricted Working Space, Add	*317.24*	
23 21 13 23-0522	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,618.81	705.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*374.61*	
		For Work In Restricted Working Space, Add	*317.24*	
23 21 13 23-0523	EA	12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,962.93	705.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*477.84*	
		For Concentric Reducers, Deduct	*-289.75*	
		For Work In Restricted Working Space, Add	*317.24*	
23 21 13 23-0524	EA	12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,409.46	705.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*311.80*	
		For Concentric Reducers, Deduct	*-112.64*	
		For Work In Restricted Working Space, Add	*317.24*	
23 21 13 23-0525	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,864.06	824.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*429.43*	
		For Work In Restricted Working Space, Add	*370.82*	
23 21 13 23-0526	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,971.27	824.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*461.59*	
		For Work In Restricted Working Space, Add	*370.82*	
23 21 13 23-0527	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,040.10	824.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*782.24*	
		For Work In Restricted Working Space, Add	*370.82*	
23 21 13 23-0528	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,351.03	927.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*559.30*	
		For Work In Restricted Working Space, Add	*417.17*	
23 21 13 23-0529	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,666.64	927.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*653.98*	
		For Work In Restricted Working Space, Add	*417.17*	
23 21 13 23-0530	EA	16" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,789.51	927.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*690.84*	
		For Concentric Reducers, Deduct	*-447.66*	
		For Work In Restricted Working Space, Add	*417.17*	
23 21 13 23-0531	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,173.59	927.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,106.07*	
		For Work In Restricted Working Space, Add	*417.17*	
23 21 13 23-0532	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,862.33	927.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,312.69*	
		For Work In Restricted Working Space, Add	*417.17*	
23 21 13 23-0533	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,319.42	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*828.96*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0534	EA	18" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,899.46	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*402.97*	
		For Concentric Reducers, Deduct	*-99.28*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0535	EA	18" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,485.26	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*878.71*	
		For Concentric Reducers, Deduct	*-606.73*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0536	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,729.79	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*952.07*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0537	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	5,797.06	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,572.25*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0538	EA	20" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,967.38	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,001.81*	
		For Concentric Reducers, Deduct	*-695.39*	
		For Work In Restricted Working Space, Add	*538.29*	
23 21 13 23-0539	EA	20" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,961.77	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,000.13*	
		For Concentric Reducers, Deduct	*-693.59*	
		For Work In Restricted Working Space, Add	*538.29*	
23 21 13 23-0540	EA	20" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	6,696.61	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,820.58*	
		For Concentric Reducers, Deduct	*-1,568.74*	
		For Work In Restricted Working Space, Add	*538.29*	
23 21 13 23-0541	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	7,793.57	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,149.67*	
		For Work In Restricted Working Space, Add	*538.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0542	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	9,439.09	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,643.33*	
		For Work In Restricted Working Space, Add	*538.28*	
23 21 13 23-0543	EA	24" x 20" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	4,703.38	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,216.33*	
		For Concentric Reducers, Deduct	*-911.77*	
		For Work In Restricted Working Space, Add	*556.23*	
23 21 13 23-0544	EA	24" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	5,034.92	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,315.80*	
		For Concentric Reducers, Deduct	*-1,017.86*	
		For Work In Restricted Working Space, Add	*556.23*	
23 21 13 23-0545	EA	24" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	6,575.31	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,777.91*	
		For Concentric Reducers, Deduct	*-1,510.79*	
		For Work In Restricted Working Space, Add	*556.23*	
23 21 13 23-0546	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	9,441.85	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,637.87*	
		For Work In Restricted Working Space, Add	*556.23*	
23 21 13 23-0547	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	11,591.23	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*3,282.69*	
		For Work In Restricted Working Space, Add	*556.23*	

23 21 13 23-0548 Welded Plain End Black Steel Concentric Reducers *(23 21 13 23-0393)*

23 21 13 23-0549	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	137.41	59.01
		For Schedule 80 Or Extra Heavy Fittings, Add	*31.93*	
		For Work In Restricted Working Space, Add	*26.54*	
23 21 13 23-0550	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	146.02	64.76
		For Schedule 80 Or Extra Heavy Fittings, Add	*33.61*	
		For Work In Restricted Working Space, Add	*29.12*	
23 21 13 23-0551	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	143.77	63.25
		For Schedule 80 Or Extra Heavy Fittings, Add	*33.17*	
		For Work In Restricted Working Space, Add	*28.45*	
23 21 13 23-0552	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	156.46	71.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*35.65*	
		For Work In Restricted Working Space, Add	*32.26*	
23 21 13 23-0553	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	150.11	67.48
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.41*	
		For Work In Restricted Working Space, Add	*30.35*	
23 21 13 23-0554	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	147.84	65.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*33.97*	
		For Work In Restricted Working Space, Add	*29.67*	
23 21 13 23-0555	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	159.71	85.63
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.43*	
		For Work In Restricted Working Space, Add	*38.52*	
23 21 13 23-0556	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	155.63	82.91
		For Schedule 80 Or Extra Heavy Fittings, Add	*33.64*	
		For Work In Restricted Working Space, Add	*37.29*	
23 21 13 23-0557	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	161.32	78.68
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.01*	
		For Work In Restricted Working Space, Add	*35.39*	
23 21 13 23-0558	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	203.48	108.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*43.90*	
		For Work In Restricted Working Space, Add	*49.00*	
23 21 13 23-0559	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	197.54	97.73
		For Schedule 80 Or Extra Heavy Fittings, Add	*43.88*	
		For Work In Restricted Working Space, Add	*43.96*	
23 21 13 23-0560	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	210.71	95.01
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.26*	
		For Work In Restricted Working Space, Add	*42.74*	
23 21 13 23-0561	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	215.86	122.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*45.51*	
		For Work In Restricted Working Space, Add	*55.00*	
23 21 13 23-0562	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	218.27	122.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.23*	
		For Work In Restricted Working Space, Add	*55.00*	
23 21 13 23-0563	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	223.49	122.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.80*	
		For Work In Restricted Working Space, Add	*55.00*	
23 21 13 23-0564	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	360.18	212.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*74.62*	
		For Work In Restricted Working Space, Add	*95.53*	
23 21 13 23-0565	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	369.42	212.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*77.39*	
		For Work In Restricted Working Space, Add	*95.53*	
23 21 13 23-0566	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	369.42	212.36
		For Schedule 80 Or Extra Heavy Fittings, Add	*77.39*	
		For Work In Restricted Working Space, Add	*95.53*	
23 21 13 23-0567	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	606.12	345.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*127.39*	
		For Work In Restricted Working Space, Add	*155.57*	
23 21 13 23-0568	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	624.58	345.84
		For Schedule 80 Or Extra Heavy Fittings, Add	*132.92*	
		For Work In Restricted Working Space, Add	*155.57*	
23 21 13 23-0569	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	903.97	526.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*188.33*	
		For Work In Restricted Working Space, Add	*236.74*	
23 21 13 23-0570	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	936.90	526.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*198.21*	
		For Work In Restricted Working Space, Add	*236.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0571	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,130.34	605.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*243.82*	
		For Work In Restricted Working Space, Add	*272.25*	
23 21 13 23-0572	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,116.69	605.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*239.72*	
		For Work In Restricted Working Space, Add	*272.25*	
23 21 13 23-0573	EA	10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,288.55	605.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*291.28*	
		For Work In Restricted Working Space, Add	*272.25*	
23 21 13 23-0574	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,332.93	705.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*288.84*	
		For Work In Restricted Working Space, Add	*317.24*	
23 21 13 23-0575	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,374.19	705.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*301.22*	
		For Work In Restricted Working Space, Add	*317.24*	
23 21 13 23-0576	EA	12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,389.13	705.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*305.70*	
		For Work In Restricted Working Space, Add	*317.24*	
23 21 13 23-0577	EA	12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,827.21	705.30
		For Schedule 80 Or Extra Heavy Fittings, Add	*437.13*	
		For Work In Restricted Working Space, Add	*317.24*	
23 21 13 23-0578	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,650.44	824.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*365.35*	
		For Work In Restricted Working Space, Add	*370.82*	
23 21 13 23-0579	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,803.42	824.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*411.24*	
		For Work In Restricted Working Space, Add	*370.82*	
23 21 13 23-0580	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,936.33	824.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*451.11*	
		For Work In Restricted Working Space, Add	*370.82*	
23 21 13 23-0581	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,449.99	824.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*605.21*	
		For Work In Restricted Working Space, Add	*370.82*	
23 21 13 23-0582	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,115.73	927.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*488.71*	
		For Work In Restricted Working Space, Add	*417.17*	
23 21 13 23-0583	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,115.73	927.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*488.71*	
		For Work In Restricted Working Space, Add	*417.17*	
23 21 13 23-0584	EA	16" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,192.03	927.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*511.60*	
		For Work In Restricted Working Space, Add	*417.17*	
23 21 13 23-0585	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,445.39	927.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*587.61*	
		For Work In Restricted Working Space, Add	*417.17*	
23 21 13 23-0586	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,494.69	927.54
		For Schedule 80 Or Extra Heavy Fittings, Add	*902.40*	
		For Work In Restricted Working Space, Add	*417.17*	
23 21 13 23-0587	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,381.44	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*547.56*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0588	EA	18" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,576.99	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*606.23*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0589	EA	18" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,658.90	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*630.80*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0590	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,881.74	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*697.65*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0591	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	5,442.64	1,060.00
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,465.92*	
		For Work In Restricted Working Space, Add	*476.77*	
23 21 13 23-0592	EA	20" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,153.86	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*757.76*	
		For Work In Restricted Working Space, Add	*538.28*	
23 21 13 23-0593	EA	20" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,153.86	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*757.76*	
		For Work In Restricted Working Space, Add	*538.28*	
23 21 13 23-0594	EA	20" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,209.68	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*774.50*	
		For Work In Restricted Working Space, Add	*538.28*	
23 21 13 23-0595	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,540.15	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*873.65*	
		For Work In Restricted Working Space, Add	*538.28*	
23 21 13 23-0596	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,115.13	1,196.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,046.14*	
		For Work In Restricted Working Space, Add	*538.28*	
23 21 13 23-0597	EA	24" x 20" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,391.98	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*822.91*	
		For Work In Restricted Working Space, Add	*556.23*	
23 21 13 23-0598	EA	24" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,426.90	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*833.39*	
		For Work In Restricted Working Space, Add	*556.23*	
23 21 13 23-0599	EA	24" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,495.16	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*853.87*	
		For Work In Restricted Working Space, Add	*556.23*	
23 21 13 23-0600	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	5,075.59	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,328.00*	
		For Work In Restricted Working Space, Add	*556.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0601	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	5,387.58	1,236.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,421.59*	
		For Work In Restricted Working Space, Add	*556.23*	

23 21 13 23-0602 Welded Plain End Black Steel Caps *(23 21 13 23-0393)*

23 21 13 23-0603	EA	1" Standard Weight, Welded Plain End Black Steel Cap	53.99	30.31
		For Schedule 80 Fittings, Add	*10.52*	
		For Work In Restricted Working Space, Add	*13.61*	
23 21 13 23-0604	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap	59.07	33.31
		For Schedule 80 Fittings, Add	*11.48*	
		For Work In Restricted Working Space, Add	*14.98*	
23 21 13 23-0605	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap	61.42	34.48
		For Schedule 80 Fittings, Add	*11.96*	
		For Work In Restricted Working Space, Add	*15.52*	
23 21 13 23-0606	EA	2" Standard Weight, Welded Plain End Black Steel Cap	75.95	44.20
		For Schedule 80 Fittings, Add	*14.50*	
		For Work In Restricted Working Space, Add	*19.88*	
23 21 13 23-0607	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap	89.55	53.27
		For Schedule 80 Fittings, Add	*16.88*	
		For Work In Restricted Working Space, Add	*23.96*	
23 21 13 23-0608	EA	3" Standard Weight, Welded Plain End Black Steel Cap	106.13	61.44
		For Schedule 80 Fittings, Add	*20.32*	
		For Work In Restricted Working Space, Add	*27.64*	
23 21 13 23-0609	EA	4" Standard Weight, Welded Plain End Black Steel Cap	177.84	106.17
		For Schedule 80 Fittings, Add	*33.45*	
		For Work In Restricted Working Space, Add	*47.76*	
23 21 13 23-0610	EA	6" Standard Weight, Welded Plain End Black Steel Cap	298.42	175.42
		For Schedule 80 Fittings, Add	*56.65*	
		For Work In Restricted Working Space, Add	*78.91*	
23 21 13 23-0611	EA	8" Standard Weight, Welded Plain End Black Steel Cap	495.77	295.30
		For Schedule 80 Fittings, Add	*93.40*	
		For Work In Restricted Working Space, Add	*132.80*	
23 21 13 23-0612	EA	10" Standard Weight, Welded Plain End Black Steel Cap	558.53	310.46
		For Schedule 80 Fittings, Add	*109.39*	
		For Work In Restricted Working Space, Add	*139.61*	
23 21 13 23-0613	EA	12" Standard Weight, Welded Plain End Black Steel Cap	633.88	345.12
		For Schedule 80 Fittings, Add	*125.49*	
		For Work In Restricted Working Space, Add	*155.23*	
23 21 13 23-0614	EA	14" Standard Weight, Welded Plain End Black Steel Cap	836.96	412.21
		For Schedule 80 Fittings, Add	*173.83*	
		For Work In Restricted Working Space, Add	*185.41*	
23 21 13 23-0615	EA	16" Standard Weight, Welded Plain End Black Steel Cap	972.01	478.70
		For Schedule 80 Fittings, Add	*201.89*	
		For Work In Restricted Working Space, Add	*215.31*	
23 21 13 23-0616	EA	18" Standard Weight, Welded Plain End Black Steel Cap	1,087.09	530.04
		For Schedule 80 Fittings, Add	*226.80*	
		For Work In Restricted Working Space, Add	*238.38*	

23 21 13 23-0617 150 LB, Welded Plain End Black Steel Neck Flanges *(23 21 13 23-0393)*

Note: 150 LB.

23 21 13 23-0618	EA	2", 150 LB, Welded Plain End Black Steel Neck Flange	138.38	68.42
		For 300 LB Rating, Add	*35.82*	
		For Work In Restricted Working Space, Add	*30.78*	
23 21 13 23-0619	EA	2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange	163.80	85.40
		For 300 LB Rating, Add	*38.49*	
		For Work In Restricted Working Space, Add	*38.40*	
23 21 13 23-0620	EA	3", 150 LB, Welded Plain End Black Steel Neck Flange	182.20	97.65
		For 300 LB Rating, Add	*40.45*	
		For Work In Restricted Working Space, Add	*43.91*	
23 21 13 23-0621	EA	4", 150 LB, Welded Plain End Black Steel Neck Flange	238.74	128.78
		For 300 LB Rating, Add	*52.23*	
		For Work In Restricted Working Space, Add	*57.93*	
23 21 13 23-0622	EA	6", 150 LB, Welded Plain End Black Steel Neck Flange	362.98	195.29
		For 300 LB Rating, Add	*79.91*	
		For Work In Restricted Working Space, Add	*87.82*	
23 21 13 23-0623	EA	8", 150 LB, Welded Plain End Black Steel Neck Flange	410.67	200.58
		For 300 LB Rating, Add	*108.57*	
		For Work In Restricted Working Space, Add	*90.20*	
23 21 13 23-0624	EA	10" , 150 LB, Welded Plain End Black Steel Neck Flange	537.82	251.50
		For 300 LB Rating, Add	*152.10*	
		For Work In Restricted Working Space, Add	*113.13*	
23 21 13 23-0625	EA	12" , 150 LB, Welded Plain End Black Steel Neck Flange	662.21	285.38
		For 300 LB Rating, Add	*208.96*	
		For Work In Restricted Working Space, Add	*128.36*	
23 21 13 23-0626	EA	14" , 150 LB, Welded Plain End Black Steel Neck Flange	873.16	345.12
		For 300 LB Rating, Add	*303.35*	
		For Work In Restricted Working Space, Add	*155.23*	
23 21 13 23-0627	EA	16", 150 LB, Welded Plain End Black Steel Neck Flange	1,157.13	401.09
		For 300 LB Rating, Add	*452.20*	
		For Work In Restricted Working Space, Add	*180.40*	
23 21 13 23-0628	EA	18", 150 LB, Welded Plain End Black Steel Neck Flange	1,445.83	449.69
		For 300 LB Rating, Add	*610.92*	
		For Work In Restricted Working Space, Add	*202.27*	
23 21 13 23-0629	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange	1,833.01	570.78
		For 300 LB Rating, Add	*773.95*	
		For Work In Restricted Working Space, Add	*256.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0630	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange	2,087.55	618.35
		For 300 LB Rating, Add	*909.69*	
		For Work In Restricted Working Space, Add	*278.12*	

23 21 13 23-0631 150 LB, Welded Black Steel Slip-On Flanges *(23 21 13 23-0393)*

23 21 13 23-0632	EA	2", 150 LB, Welded Black Steel Slip-On Flanges	99.01	68.42
		For 300 LB Rating, Add	*24.18*	
		For Work In Restricted Working Space, Add	*24.50*	
23 21 13 23-0633	EA	2-1/2", 150 LB, Welded Black Steel Slip-On Flange	122.08	85.40
		For 300 LB Rating, Add	*30.52*	
		For Work In Restricted Working Space, Add	*29.95*	
23 21 13 23-0634	EA	3", 150 LB, Welded Black Steel Slip-On Flange	144.17	97.65
		For 300 LB Rating, Add	*35.97*	
		For Work In Restricted Working Space, Add	*35.39*	
23 21 13 23-0635	EA	4", 150 LB, Welded Black Steel Slip-On Flange	190.03	128.78
		For 300 LB Rating, Add	*48.37*	
		For Work In Restricted Working Space, Add	*46.28*	
23 21 13 23-0636	EA	6", 150 LB, Welded Black Steel Slip-On Flange	281.90	195.29
		For 300 LB Rating, Add	*73.34*	
		For Work In Restricted Working Space, Add	*68.06*	
23 21 13 23-0637	EA	8", 150 LB, Welded Black Steel Slip-On Flange	357.54	200.58
		For 300 LB Rating, Add	*104.08*	
		For Work In Restricted Working Space, Add	*82.15*	
23 21 13 23-0638	EA	10", 150 LB, Welded Black Steel Slip-On Flange	486.79	251.50
		For 300 LB Rating, Add	*165.99*	
		For Work In Restricted Working Space, Add	*102.69*	
23 21 13 23-0639	EA	12", 150 LB, Welded Black Steel Slip-On Flange	638.74	285.38
		For 300 LB Rating, Add	*248.31*	
		For Work In Restricted Working Space, Add	*123.23*	
23 21 13 23-0640	EA	14", 150 LB, Welded Black Steel Slip-On Flange	812.30	345.12
		For 300 LB Rating, Add	*350.10*	
		For Work In Restricted Working Space, Add	*143.76*	
23 21 13 23-0641	EA	16", 150 LB, Welded Black Steel Slip-On Flange	979.03	401.09
		For 300 LB Rating, Add	*459.34*	
		For Work In Restricted Working Space, Add	*159.17*	
23 21 13 23-0642	EA	18", 150 LB, Welded Black Steel Slip-On Flange	1,084.75	449.69
		For 300 LB Rating, Add	*513.66*	
		For Work In Restricted Working Space, Add	*174.57*	
23 21 13 23-0643	EA	20", 150 LB, Welded Black Steel Slip-On Flange	1,204.82	570.78
		For 300 LB Rating, Add	*580.90*	
		For Work In Restricted Working Space, Add	*189.98*	
23 21 13 23-0644	EA	24", 150 LB, Welded Black Steel Slip-On Flange	1,378.14	618.35
		For 300 LB Rating, Add	*655.26*	
		For Work In Restricted Working Space, Add	*220.78*	

23 21 13 23-0645 150 LB, Forged Steel Blind Flanges *(23 21 13 23-0393)*

23 21 13 23-0646	EA	2", 150 LB, Forged Steel Blind Flange	68.86	24.34
		For 300 LB Rating, Add	*21.27*	
		For 600 LB Rating, Add	*55.78*	
		For Work In Restricted Working Space, Add	*14.60*	
23 21 13 23-0647	EA	2-1/2", 150 LB, Forged Steel Blind Flange	91.15	29.19
		For 300 LB Rating, Add	*32.33*	
		For 600 LB Rating, Add	*87.36*	
		For Work In Restricted Working Space, Add	*17.52*	
23 21 13 23-0648	EA	3", 150 LB, Forged Steel Blind Flange	111.73	38.93
		For 300 LB Rating, Add	*35.28*	
		For 600 LB Rating, Add	*92.99*	
		For Work In Restricted Working Space, Add	*23.36*	
23 21 13 23-0649	EA	4", 150 LB, Forged Steel Blind Flange	144.01	48.66
		For 300 LB Rating, Add	*47.57*	
		For 600 LB Rating, Add	*126.65*	
		For Work In Restricted Working Space, Add	*29.20*	
23 21 13 23-0650	EA	6", 150 LB, Forged Steel Blind Flange	197.28	63.26
		For 300 LB Rating, Add	*69.89*	
		For 600 LB Rating, Add	*188.80*	
		For Work In Restricted Working Space, Add	*37.96*	
23 21 13 23-0651	EA	8", 150 LB, Forged Steel Blind Flange	258.22	73.00
		For 300 LB Rating, Add	*105.12*	
		For 600 LB Rating, Add	*291.27*	
		For Work In Restricted Working Space, Add	*43.79*	
23 21 13 23-0652	EA	10", 150 LB, Forged Steel Blind Flange	394.37	87.59
		For 300 LB Rating, Add	*193.74*	
		For 600 LB Rating, Add	*552.31*	
		For Work In Restricted Working Space, Add	*52.56*	
23 21 13 23-0653	EA	12", 150 LB, Forged Steel Blind Flange	514.60	102.19
		For 300 LB Rating, Add	*269.64*	
		For 600 LB Rating, Add	*775.19*	
		For Work In Restricted Working Space, Add	*61.31*	
23 21 13 23-0654	EA	14", 150 LB, Forged Steel Blind Flange	872.30	116.79
		For 300 LB Rating, Add	*535.51*	
		For Work In Restricted Working Space, Add	*70.07*	
23 21 13 23-0655	EA	16", 150 LB, Forged Steel Blind Flange	936.03	131.38
		For 300 LB Rating, Add	*566.20*	
		For Work In Restricted Working Space, Add	*78.83*	
23 21 13 23-0656	EA	18", 150 LB, Forged Steel Blind Flange	1,052.42	160.58
		For 300 LB Rating, Add	*618.72*	
		For Work In Restricted Working Space, Add	*96.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0657	EA	20", 150 LB, Forged Steel Blind Flange	1,351.56	175.19
		For 300 LB Rating, Add	*837.75*	
		For Work In Restricted Working Space, Add	*105.11*	
23 21 13 23-0658	EA	24", 150 LB, Forged Steel Blind Flange	1,842.15	204.38
		For 300 LB Rating, Add	*1,189.63*	
		For Work In Restricted Working Space, Add	*122.63*	

23 21 13 23-0659 3,000 LB, Forge Steel Thread-O-Lets *(23 21 13 23-0393)*

23 21 13 23-0660	EA	1/2", 3,000 LB, Forge Steel Thread-O-Let	65.95
		For Weld-O-Lets, Add	*4.39*
		For Sock-O-Lets, Add	*25.50*
		For Work In Restricted Working Space, Add	*17.15*
23 21 13 23-0661	EA	3/4", 3,000 LB, Forge Steel Thread-O-Let	70.20
		For Weld-O-Lets, Add	*5.15*
		For Sock-O-Lets, Add	*27.19*
		For Work In Restricted Working Space, Add	*17.97*
23 21 13 23-0662	EA	1", 3,000 LB, Forge Steel Thread-O-Let	75.08
		For Weld-O-Lets, Add	*5.78*
		For Sock-O-Lets, Add	*29.11*
		For Work In Restricted Working Space, Add	*19.06*
23 21 13 23-0663	EA	1-1/4", 3,000 LB, Forge Steel Thread-O-Let	84.44
		For Weld-O-Lets, Add	*8.19*
		For Sock-O-Lets, Add	*32.91*
		For Work In Restricted Working Space, Add	*20.42*
23 21 13 23-0664	EA	1-1/2", 3,000 LB, Forge Steel Thread-O-Let	93.52
		For Weld-O-Lets, Add	*8.19*
		For Sock-O-Lets, Add	*36.36*
		For Work In Restricted Working Space, Add	*23.14*
23 21 13 23-0665	EA	2", 3,000 LB, Forge Steel Thread-O-Let	121.31
		For Weld-O-Lets, Add	*10.24*
		For Sock-O-Lets, Add	*47.12*
		For Work In Restricted Working Space, Add	*30.25*
23 21 13 23-0666	EA	2-1/2", 3,000 LB, Forge Steel Thread-O-Let	203.97
		For Weld-O-Lets, Add	*37.17*
		For Sock-O-Lets, Add	*81.23*
		For Work In Restricted Working Space, Add	*38.89*
23 21 13 23-0667	EA	3", 3,000 LB, Forge Steel Thread-O-Let	256.27
		For Weld-O-Lets, Add	*37.39*
		For Sock-O-Lets, Add	*101.12*
		For Work In Restricted Working Space, Add	*54.45*
23 21 13 23-0668	EA	4", 3,000 LB, Forge Steel Thread-O-Let	373.24
		For Weld-O-Lets, Add	*73.18*
		For Sock-O-Lets, Add	*149.15*
		For Work In Restricted Working Space, Add	*68.06*

23 21 13 23-0669 Class 150 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0670	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.	10.45
		For Zinc Plated, Add	*2.93*
		For Hot Dip Galvanized, Add	*4.18*
		For Advanced Fluoropolymer (Blue Coating), Add	*7.32*
23 21 13 23-0671	EA	2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	13.29
		For Zinc Plated, Add	*3.72*
		For Hot Dip Galvanized, Add	*5.32*
		For Advanced Fluoropolymer (Blue Coating), Add	*9.30*
23 21 13 23-0672	EA	2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	13.43
		For Zinc Plated, Add	*3.76*
		For Hot Dip Galvanized, Add	*5.37*
		For Advanced Fluoropolymer (Blue Coating), Add	*9.40*
23 21 13 23-0673	EA	3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	13.49
		For Zinc Plated, Add	*3.78*
		For Hot Dip Galvanized, Add	*5.40*
		For Advanced Fluoropolymer (Blue Coating), Add	*9.44*
23 21 13 23-0674	EA	4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	30.31
		For Zinc Plated, Add	*8.49*
		For Hot Dip Galvanized, Add	*12.12*
		For Advanced Fluoropolymer (Blue Coating), Add	*21.22*
23 21 13 23-0675	EA	5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	43.30
		For Zinc Plated, Add	*12.12*
		For Hot Dip Galvanized, Add	*17.32*
		For Advanced Fluoropolymer (Blue Coating), Add	*30.31*
23 21 13 23-0676	EA	6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	46.80
		For Zinc Plated, Add	*13.10*
		For Hot Dip Galvanized, Add	*18.72*
		For Advanced Fluoropolymer (Blue Coating), Add	*32.76*
23 21 13 23-0677	EA	8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	51.25
		For Zinc Plated, Add	*14.35*
		For Hot Dip Galvanized, Add	*20.50*
		For Advanced Fluoropolymer (Blue Coating), Add	*35.88*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0678	EA	10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	113.51	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*31.78*	
		For Hot Dip Galvanized, Add	*45.40*	
		For Advanced Fluoropolymer (Blue Coating), Add	*79.46*	
23 21 13 23-0679	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	115.55	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*32.35*	
		For Hot Dip Galvanized, Add	*46.22*	
		For Advanced Fluoropolymer (Blue Coating), Add	*80.89*	
23 21 13 23-0680	EA	14" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	129.58	
		Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*36.28*	
		For Hot Dip Galvanized, Add	*51.83*	
		For Advanced Fluoropolymer (Blue Coating), Add	*90.71*	
23 21 13 23-0681	EA	16" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	215.56	
		Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*60.36*	
		For Hot Dip Galvanized, Add	*86.22*	
		For Advanced Fluoropolymer (Blue Coating), Add	*150.89*	
23 21 13 23-0682	EA	18" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	311.08	
		Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*87.10*	
		For Hot Dip Galvanized, Add	*124.43*	
		For Advanced Fluoropolymer (Blue Coating), Add	*217.76*	
23 21 13 23-0683	EA	20" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	392.99	
		Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*110.04*	
		For Hot Dip Galvanized, Add	*157.20*	
		For Advanced Fluoropolymer (Blue Coating), Add	*275.09*	
23 21 13 23-0684	EA	24" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	560.36	
		Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*156.90*	
		For Hot Dip Galvanized, Add	*224.14*	
		For Advanced Fluoropolymer (Blue Coating), Add	*392.25*	
23 21 13 23-0685	EA	30" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	884.71	
		Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*247.72*	
		For Hot Dip Galvanized, Add	*353.88*	
		For Advanced Fluoropolymer (Blue Coating), Add	*619.30*	
23 21 13 23-0686	EA	36" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set	1,259.35	
		Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*352.62*	
		For Hot Dip Galvanized, Add	*503.74*	
		For Advanced Fluoropolymer (Blue Coating), Add	*881.55*	

23 21 13 23-0687 Class 300 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0688	EA	3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	16.58	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*4.64*	
		For Hot Dip Galvanized, Add	*6.63*	
		For Advanced Fluoropolymer (Blue Coating), Add	*11.61*	
23 21 13 23-0689	EA	2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	30.70	
		Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*8.60*	
		For Hot Dip Galvanized, Add	*12.28*	
		For Advanced Fluoropolymer (Blue Coating), Add	*21.49*	
23 21 13 23-0690	EA	2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	47.97	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*13.43*	
		For Hot Dip Galvanized, Add	*19.19*	
		For Advanced Fluoropolymer (Blue Coating), Add	*33.58*	
23 21 13 23-0691	EA	3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	52.12	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*14.59*	
		For Hot Dip Galvanized, Add	*20.85*	
		For Advanced Fluoropolymer (Blue Coating), Add	*36.48*	
23 21 13 23-0692	EA	4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	53.19	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*14.89*	
		For Hot Dip Galvanized, Add	*21.28*	
		For Advanced Fluoropolymer (Blue Coating), Add	*37.23*	
23 21 13 23-0693	EA	5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	56.88	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*15.93*	
		For Hot Dip Galvanized, Add	*22.75*	
		For Advanced Fluoropolymer (Blue Coating), Add	*39.82*	
23 21 13 23-0694	EA	6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	82.22	
		Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*23.02*	
		For Hot Dip Galvanized, Add	*32.89*	
		For Advanced Fluoropolymer (Blue Coating), Add	*57.55*	
23 21 13 23-0695	EA	8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	127.64	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*35.74*	
		For Hot Dip Galvanized, Add	*51.06*	
		For Advanced Fluoropolymer (Blue Coating), Add	*89.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0696	EA	10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	234.09	
		Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*65.55*	
		For Hot Dip Galvanized, Add	*93.64*	
		For Advanced Fluoropolymer (Blue Coating), Add	*163.86*	
23 21 13 23-0697	EA	12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	338.01	
		Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*94.64*	
		For Hot Dip Galvanized, Add	*135.20*	
		For Advanced Fluoropolymer (Blue Coating), Add	*236.61*	
23 21 13 23-0698	EA	14" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	462.75	
		Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*129.57*	
		For Hot Dip Galvanized, Add	*185.10*	
		For Advanced Fluoropolymer (Blue Coating), Add	*323.93*	
23 21 13 23-0699	EA	16" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	639.15	
		Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*178.96*	
		For Hot Dip Galvanized, Add	*255.66*	
		For Advanced Fluoropolymer (Blue Coating), Add	*447.41*	
23 21 13 23-0700	EA	18" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	820.66	
		Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*229.78*	
		For Hot Dip Galvanized, Add	*328.26*	
		For Advanced Fluoropolymer (Blue Coating), Add	*574.46*	
23 21 13 23-0701	EA	20" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	870.81	
		Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*243.83*	
		For Hot Dip Galvanized, Add	*348.32*	
		For Advanced Fluoropolymer (Blue Coating), Add	*609.57*	
23 21 13 23-0702	EA	24" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	1,103.62	
		Note: Includes rubber gasket, and twenty-four (24) 1-1/2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*309.01*	
		For Hot Dip Galvanized, Add	*441.45*	
		For Advanced Fluoropolymer (Blue Coating), Add	*772.53*	
23 21 13 23-0703	EA	30" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	1,732.39	
		Note: Includes rubber gasket, and twenty-eight (28) 1-3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*485.07*	
		For Hot Dip Galvanized, Add	*692.96*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,212.67*	
23 21 13 23-0704	EA	36" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	2,630.32	
		Note: Includes rubber gasket, and thirty-two (32) 2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*736.49*	
		For Hot Dip Galvanized, Add	*1,052.13*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,841.22*	

23 21 13 23-0705 Class 150 Flange, Stainless Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0706	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	10.45	
		Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.		
23 21 13 23-0707	EA	2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	30.23	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
23 21 13 23-0708	EA	2-1/2" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	30.29	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
23 21 13 23-0709	EA	3" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	30.35	
		Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
23 21 13 23-0710	EA	4" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	64.06	
		Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.		
23 21 13 23-0711	EA	5" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	81.31	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
23 21 13 23-0712	EA	6" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	91.74	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
23 21 13 23-0713	EA	8" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	92.31	
		Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
23 21 13 23-0714	EA	10" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	237.91	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
23 21 13 23-0715	EA	12" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	238.99	
		Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
23 21 13 23-0716	EA	14" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	361.56	
		Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.		
23 21 13 23-0717	EA	16" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	481.61	
		Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
23 21 13 23-0718	EA	18" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	1,250.57	
		Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
23 21 13 23-0719	EA	20" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	1,448.99	
		Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
23 21 13 23-0720	EA	24" Pipe Diameter, Class 150 Flange, Stainless Steel Bolt And Gasket Set	1,673.04	
		Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		

23 21 13 23-0721 150 LB, Rubber Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.

23 21 13 23-0722	EA	1/2", 150 LB, Rubber Flange Gasket Replacement	26.94	
		For 300 LB Rating Gasket Set, Add	*0.02*	
		For 150 LB Rating Teflon Gasket Set, Add	*0.54*	
		For 300 LB Rating Teflon Gasket Set, Add	*0.62*	
		For Work In Restricted Working Space, Add	*8.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0723	EA	3/4", 150 LB, Rubber Flange Gasket Replacement	28.77	
		For 300 LB Rating Gasket Set, Add	*0.04*	
		For 150 LB Rating Teflon Gasket Set, Add	*0.77*	
		For 300 LB Rating Teflon Gasket Set, Add	*0.89*	
		For Work In Restricted Working Space, Add	*8.60*	
23 21 13 23-0724	EA	1", 150 LB, Rubber Flange Gasket Replacement	31.52	
		For 300 LB Rating Gasket Set, Add	*0.06*	
		For 150 LB Rating Teflon Gasket Set, Add	*1.31*	
		For 300 LB Rating Teflon Gasket Set, Add	*1.51*	
		For Work In Restricted Working Space, Add	*9.41*	
23 21 13 23-0725	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement	34.23	
		For 300 LB Rating Gasket Set, Add	*0.07*	
		For 150 LB Rating Teflon Gasket Set, Add	*1.47*	
		For 300 LB Rating Teflon Gasket Set, Add	*1.69*	
		For Work In Restricted Working Space, Add	*10.21*	
23 21 13 23-0726	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement	37.86	
		For 300 LB Rating Gasket Set, Add	*0.08*	
		For 150 LB Rating Teflon Gasket Set, Add	*1.86*	
		For 300 LB Rating Teflon Gasket Set, Add	*2.14*	
		For Work In Restricted Working Space, Add	*11.29*	
23 21 13 23-0727	EA	2", 150 LB, Rubber Flange Gasket Replacement	41.55	
		For 300 LB Rating Gasket Set, Add	*0.12*	
		For 150 LB Rating Teflon Gasket Set, Add	*2.63*	
		For 300 LB Rating Teflon Gasket Set, Add	*3.03*	
		For Work In Restricted Working Space, Add	*12.36*	
23 21 13 23-0728	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement	48.84	
		For 300 LB Rating Gasket Set, Add	*0.16*	
		For 150 LB Rating Teflon Gasket Set, Add	*3.56*	
		For 300 LB Rating Teflon Gasket Set, Add	*4.09*	
		For Work In Restricted Working Space, Add	*14.51*	
23 21 13 23-0729	EA	3", 150 LB, Rubber Flange Gasket Replacement	51.60	
		For 300 LB Rating Gasket Set, Add	*0.19*	
		For 150 LB Rating Teflon Gasket Set, Add	*4.10*	
		For 300 LB Rating Teflon Gasket Set, Add	*4.72*	
		For Work In Restricted Working Space, Add	*15.32*	
23 21 13 23-0730	EA	4", 150 LB, Rubber Flange Gasket Replacement	68.07	
		For 300 LB Rating Gasket Set, Add	*0.30*	
		For 150 LB Rating Teflon Gasket Set, Add	*6.73*	
		For 300 LB Rating Teflon Gasket Set, Add	*7.74*	
		For Work In Restricted Working Space, Add	*20.16*	
23 21 13 23-0731	EA	5", 150 LB, Rubber Flange Gasket Replacement	78.92	
		For 300 LB Rating Gasket Set, Add	*0.34*	
		For 150 LB Rating Teflon Gasket Set, Add	*7.50*	
		For 300 LB Rating Teflon Gasket Set, Add	*8.63*	
		For Work In Restricted Working Space, Add	*23.39*	
23 21 13 23-0732	EA	6", 150 LB, Rubber Flange Gasket Replacement	89.95	
		For 300 LB Rating Gasket Set, Add	*0.44*	
		For 150 LB Rating Teflon Gasket Set, Add	*9.74*	
		For 300 LB Rating Teflon Gasket Set, Add	*11.21*	
		For Work In Restricted Working Space, Add	*26.61*	
23 21 13 23-0733	EA	8", 150 LB, Rubber Flange Gasket Replacement	109.35	
		For 300 LB Rating Gasket Set, Add	*0.64*	
		For 150 LB Rating Teflon Gasket Set, Add	*14.22*	
		For 300 LB Rating Teflon Gasket Set, Add	*16.38*	
		For Work In Restricted Working Space, Add	*32.25*	
23 21 13 23-0734	EA	10", 150 LB, Rubber Flange Gasket Replacement	117.29	
		For 300 LB Rating Gasket Set, Add	*0.91*	
		For 150 LB Rating Teflon Gasket Set, Add	*20.18*	
		For 300 LB Rating Teflon Gasket Set, Add	*23.23*	
		For Work In Restricted Working Space, Add	*34.40*	
23 21 13 23-0735	EA	12", 150 LB, Rubber Flange Gasket Replacement	133.25	
		For 300 LB Rating Gasket Set, Add	*1.17*	
		For 150 LB Rating Teflon Gasket Set, Add	*25.82*	
		For 300 LB Rating Teflon Gasket Set, Add	*29.73*	
		For Work In Restricted Working Space, Add	*38.97*	
23 21 13 23-0736	EA	14", 150 LB, Rubber Flange Gasket Replacement	138.38	
		For 300 LB Rating Gasket Set, Add	*1.40*	
		For 150 LB Rating Teflon Gasket Set, Add	*30.84*	
		For 300 LB Rating Teflon Gasket Set, Add	*35.51*	
		For Work In Restricted Working Space, Add	*40.32*	
23 21 13 23-0737	EA	16", 150 LB, Rubber Flange Gasket Replacement	183.63	
		For 300 LB Rating Gasket Set, Add	*1.56*	
		For 150 LB Rating Teflon Gasket Set, Add	*34.40*	
		For 300 LB Rating Teflon Gasket Set, Add	*39.61*	
		For Work In Restricted Working Space, Add	*53.75*	
23 21 13 23-0738	EA	18", 150 LB, Rubber Flange Gasket Replacement	200.84	
		For 300 LB Rating Gasket Set, Add	*1.62*	
		For 150 LB Rating Teflon Gasket Set, Add	*35.87*	
		For 300 LB Rating Teflon Gasket Set, Add	*41.30*	
		For Work In Restricted Working Space, Add	*58.86*	
23 21 13 23-0739	EA	20", 150 LB, Rubber Flange Gasket Replacement	244.17	
		For 300 LB Rating Gasket Set, Add	*1.74*	
		For 150 LB Rating Teflon Gasket Set, Add	*38.50*	
		For 300 LB Rating Teflon Gasket Set, Add	*44.32*	
		For Work In Restricted Working Space, Add	*71.76*	

23 21 13 23-0740 Cut And Prepare For Welding Existing In-Place Black Steel Pipe *(23 21 13 23-0393)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0741	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	19.46	
		For Work In Restricted Working Space, Add	*5.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0742	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	21.02	
		For Work In Restricted Working Space, Add	*6.31*	
23 21 13 23-0743	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	23.64	
		For Work In Restricted Working Space, Add	*7.09*	
23 21 13 23-0744	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	24.81	
		For Work In Restricted Working Space, Add	*7.44*	
23 21 13 23-0745	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	26.27	
		For Work In Restricted Working Space, Add	*7.88*	
23 21 13 23-0746	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	28.21	
		For Work In Restricted Working Space, Add	*8.46*	
23 21 13 23-0747	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	30.16	
		For Work In Restricted Working Space, Add	*9.05*	
23 21 13 23-0748	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe	33.08	
		For Work In Restricted Working Space, Add	*9.92*	
23 21 13 23-0749	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	35.99	
		For Work In Restricted Working Space, Add	*10.80*	
23 21 13 23-0750	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe	38.91	
		For Work In Restricted Working Space, Add	*11.67*	
23 21 13 23-0751	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe	41.84	
		For Work In Restricted Working Space, Add	*12.55*	
23 21 13 23-0752	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe	45.73	
		For Work In Restricted Working Space, Add	*13.72*	
23 21 13 23-0753	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe	49.62	
		For Work In Restricted Working Space, Add	*14.89*	
23 21 13 23-0754	EA	14", Cut And Prepare For Welding Existing In Place Black Steel Pipe	53.51	
		For Work In Restricted Working Space, Add	*16.05*	
23 21 13 23-0755	EA	16", Cut And Prepare For Welding Existing In Place Black Steel Pipe	57.40	
		For Work In Restricted Working Space, Add	*17.22*	
23 21 13 23-0756	EA	18", Cut And Prepare For Welding Existing In Place Black Steel Pipe	60.32	
		For Work In Restricted Working Space, Add	*18.10*	
23 21 13 23-0757	EA	20", Cut And Prepare For Welding Existing In Place Black Steel Pipe	63.24	
		For Work In Restricted Working Space, Add	*18.97*	
23 21 13 23-0758	EA	24", Cut And Prepare For Welding Existing In Place Black Steel Pipe	67.13	
		For Work In Restricted Working Space, Add	*20.14*	

23 21 13 23-0759 Welded Plain End Electric Resistance Black Steel Pipe *(23 21 13 23-0393)*

Note: ASTM A-135.

23 21 13 23-0760	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	19.51	9.98
		For Work In Restricted Working Space, Add	*4.90*	
23 21 13 23-0761	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	21.21	10.89
		For Work In Restricted Working Space, Add	*4.90*	
23 21 13 23-0762	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	22.04	10.71
		For Work In Restricted Working Space, Add	*4.81*	
23 21 13 23-0763	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	27.66	13.61
		For Work In Restricted Working Space, Add	*6.12*	
23 21 13 23-0764	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	44.26	20.15
		For Work In Restricted Working Space, Add	*9.06*	
23 21 13 23-0765	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	54.95	23.36
		For Work In Restricted Working Space, Add	*10.53*	
23 21 13 23-0766	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	73.15	29.09
		For Work In Restricted Working Space, Add	*13.09*	
23 21 13 23-0767	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	88.68	35.09
		For Work In Restricted Working Space, Add	*15.78*	
23 21 13 23-0768	LF	14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	113.57	45.53
		For Work In Restricted Working Space, Add	*20.48*	

23 21 13 23-0769 Flanged Steel Fittings *(23 21 13 23)*

See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0617 for welded neck flange ends.

23 21 13 23-0770 Flanged Steel Fittings, Standard Weight *(23 21 13 23-0769)*

Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0771 Flanged Steel, 90 Degree Elbows *(23 21 13 23-0770)*

23 21 13 23-0772	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow	399.85	41.82
		For Galvanized Fittings, Add	*269.73*	
		For Extra Heavy Weight Fittings, Add	*404.59*	
23 21 13 23-0773	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow	445.98	46.57
		For Galvanized Fittings, Add	*300.90*	
		For Extra Heavy Weight Fittings, Add	*451.36*	
23 21 13 23-0774	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow	442.97	51.40
		For Galvanized Fittings, Add	*292.77*	
		For Extra Heavy Weight Fittings, Add	*439.15*	
23 21 13 23-0775	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow	562.25	59.73
		For Galvanized Fittings, Add	*378.16*	
		For Extra Heavy Weight Fittings, Add	*567.24*	
23 21 13 23-0776	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow	786.48	66.89
		For Galvanized Fittings, Add	*548.94*	
		For Extra Heavy Weight Fittings, Add	*823.42*	
23 21 13 23-0777	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow	831.40	77.64
		For Galvanized Fittings, Add	*571.99*	
		For Extra Heavy Weight Fittings, Add	*857.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0778	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow	1,055.21	85.97
		For Galvanized Fittings, Add	*741.00*	
		For Extra Heavy Weight Fittings, Add	*1,111.50*	

23 21 13 23-0779 Flanged Steel, Reducing 90 Degree Elbows *(23 21 13 23-0770)*

23 21 13 23-0780	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	747.37	44.24
		For Galvanized Fittings, Add	*544.88*	
		For Extra Heavy Weight Fittings, Add	*817.32*	
23 21 13 23-0781	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	778.25	48.99
		For Galvanized Fittings, Add	*563.86*	
		For Extra Heavy Weight Fittings, Add	*845.78*	
23 21 13 23-0782	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	969.39	55.53
		For Galvanized Fittings, Add	*708.89*	
		For Extra Heavy Weight Fittings, Add	*1,063.33*	
23 21 13 23-0783	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,200.10	59.11
		For Galvanized Fittings, Add	*889.16*	
		For Extra Heavy Weight Fittings, Add	*1,333.74*	
23 21 13 23-0784	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,366.91	68.68
		For Galvanized Fittings, Add	*1,011.14*	
		For Extra Heavy Weight Fittings, Add	*1,516.72*	
23 21 13 23-0785	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,906.77	81.85
		For Galvanized Fittings, Add	*1,427.26*	
		For Extra Heavy Weight Fittings, Add	*2,140.90*	

23 21 13 23-0786 Flanged Steel, 45 Degree Elbows *(23 21 13 23-0770)*

23 21 13 23-0787	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow	521.84	41.82
		For Galvanized Fittings, Add	*367.32*	
		For Extra Heavy Weight Fittings, Add	*550.98*	
23 21 13 23-0788	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	544.25	46.57
		For Galvanized Fittings, Add	*379.52*	
		For Extra Heavy Weight Fittings, Add	*569.28*	
23 21 13 23-0789	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow	564.96	51.40
		For Galvanized Fittings, Add	*390.36*	
		For Extra Heavy Weight Fittings, Add	*585.54*	
23 21 13 23-0790	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	704.57	59.73
		For Galvanized Fittings, Add	*492.02*	
		For Extra Heavy Weight Fittings, Add	*738.02*	
23 21 13 23-0791	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	1,016.91	66.89
		For Galvanized Fittings, Add	*733.29*	
		For Extra Heavy Weight Fittings, Add	*1,099.93*	
23 21 13 23-0792	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	990.66	77.64
		For Galvanized Fittings, Add	*699.40*	
		For Extra Heavy Weight Fittings, Add	*1,049.10*	
23 21 13 23-0793	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	1,168.63	85.97
		For Galvanized Fittings, Add	*831.74*	
		For Extra Heavy Weight Fittings, Add	*1,247.60*	

23 21 13 23-0794 Flanged Steel, Tees *(23 21 13 23-0770)*

23 21 13 23-0795	EA	2" Standard Weight, Flanged Steel, Tee	512.52	62.69
		For Galvanized Fittings, Add	*334.79*	
		For Extra Heavy Weight Fittings, Add	*502.19*	
23 21 13 23-0796	EA	2-1/2" Standard Weight, Flanged Steel, Tee	662.19	69.85
		For Galvanized Fittings, Add	*445.94*	
		For Extra Heavy Weight Fittings, Add	*668.90*	
23 21 13 23-0797	EA	3" Standard Weight, Flanged Steel, Tee	603.48	77.01
		For Galvanized Fittings, Add	*390.37*	
		For Extra Heavy Weight Fittings, Add	*585.55*	
23 21 13 23-0798	EA	4" Standard Weight, Flanged Steel, Tee	862.84	89.64
		For Galvanized Fittings, Add	*582.82*	
		For Extra Heavy Weight Fittings, Add	*874.22*	
23 21 13 23-0799	EA	5" Standard Weight, Flanged Steel, Tee	1,282.86	100.39
		For Galvanized Fittings, Add	*905.93*	
		For Extra Heavy Weight Fittings, Add	*1,358.89*	
23 21 13 23-0800	EA	6" Standard Weight, Flanged Steel, Tee	1,565.84	116.50
		For Galvanized Fittings, Add	*1,112.98*	
		For Extra Heavy Weight Fittings, Add	*1,669.48*	
23 21 13 23-0801	EA	8" Standard Weight, Flanged Steel, Tee	1,733.53	134.95
		For Galvanized Fittings, Add	*1,224.92*	
		For Extra Heavy Weight Fittings, Add	*1,837.38*	

23 21 13 23-0802 Flanged Steel, Reducing Tees *(23 21 13 23-0770)*

23 21 13 23-0803	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee	811.10	67.52
		For Galvanized Fittings, Add	*567.93*	
		For Extra Heavy Weight Fittings, Add	*851.89*	
23 21 13 23-0804	EA	3" Standard Weight, Flanged Steel, Reducing Tee	937.06	74.69
		For Galvanized Fittings, Add	*660.10*	
		For Extra Heavy Weight Fittings, Add	*990.14*	
23 21 13 23-0805	EA	4" Standard Weight, Flanged Steel, Reducing Tee	1,613.83	85.44
		For Galvanized Fittings, Add	*1,188.62*	
		For Extra Heavy Weight Fittings, Add	*1,782.94*	
23 21 13 23-0806	EA	5" Standard Weight, Flanged Steel, Reducing Tee	1,744.28	96.80
		For Galvanized Fittings, Add	*1,279.36*	
		For Extra Heavy Weight Fittings, Add	*1,919.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0807	EA	6" Standard Weight, Flanged Steel, Reducing Tee	2,192.98	111.13
		For Galvanized Fittings, Add	*1,621.13*	
		For Extra Heavy Weight Fittings, Add	*2,431.69*	
23 21 13 23-0808	EA	8" Standard Weight, Flanged Steel, Reducing Tee	2,738.75	124.83
		For Galvanized Fittings, Add	*2,041.27*	
		For Extra Heavy Weight Fittings, Add	*3,061.91*	
23 21 13 23-0809		Flanged Steel, Concentric Reducers *(23 21 13 23-0770)*		
23 21 13 23-0810	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer	768.09	48.99
		For Galvanized Fittings, Add	*555.73*	
		For Extra Heavy Weight Fittings, Add	*833.59*	
23 21 13 23-0811	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer	872.82	55.53
		For Galvanized Fittings, Add	*631.63*	
		For Extra Heavy Weight Fittings, Add	*947.45*	
23 21 13 23-0812	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,296.17	63.31
		For Galvanized Fittings, Add	*961.00*	
		For Extra Heavy Weight Fittings, Add	*1,441.50*	
23 21 13 23-0813	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,429.61	68.68
		For Galvanized Fittings, Add	*1,061.30*	
		For Extra Heavy Weight Fittings, Add	*1,591.96*	
23 21 13 23-0814	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer	1,674.65	81.85
		For Galvanized Fittings, Add	*1,241.57*	
		For Extra Heavy Weight Fittings, Add	*1,862.35*	
23 21 13 23-0815		Flanged Steel, Eccentric Reducers *(23 21 13 23-0770)*		
23 21 13 23-0816	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer	830.12	55.53
		For Galvanized Fittings, Add	*597.47*	
		For Extra Heavy Weight Fittings, Add	*896.21*	
23 21 13 23-0817	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer	1,129.11	63.31
		For Galvanized Fittings, Add	*827.35*	
		For Extra Heavy Weight Fittings, Add	*1,241.03*	
23 21 13 23-0818		Plain End Couplings And Fittings *(23 21 13 23)*		
		Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.		
23 21 13 23-0819		Plain End Piping System Couplings *(23 21 13 23-0818)*		
23 21 13 23-0820		Plainlock Plain End Piping System Couplings *(23 21 13 23-0819)*		
		Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0821	EA	1" Plainlock Plain End Piping System Coupling	139.82	5.37
		For Galvanized Fittings, Add	*26.35*	
23 21 13 23-0822	EA	1-1/2" Plainlock Plain End Piping System Coupling	142.95	7.43
		For Galvanized Fittings, Add	*26.35*	
23 21 13 23-0823	EA	2" Plainlock Plain End Piping System Coupling	146.58	9.85
		For Galvanized Fittings, Add	*26.35*	
23 21 13 23-0824	EA	2-1/2" Plainlock Plain End Piping System Coupling	149.67	11.91
		For Galvanized Fittings, Add	*26.35*	
23 21 13 23-0825	EA	3" Plainlock Plain End Piping System Coupling	176.98	14.33
		For Galvanized Fittings, Add	*31.10*	
23 21 13 23-0826	EA	4" Plainlock Plain End Piping System Coupling	244.08	19.08
		For Galvanized Fittings, Add	*43.09*	
23 21 13 23-0827	EA	6" Plainlock Plain End Piping System Coupling	410.34	31.08
		For Galvanized Fittings, Add	*72.76*	
23 21 13 23-0828		Roust-A-Bout Plain End Piping System Couplings *(23 21 13 23-0819)*		
		Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0829	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling	168.54	7.43
		For Galvanized Fittings, Add	*39.34*	
23 21 13 23-0830	EA	2" Roust-A-Bout Plain End Piping System Coupling	172.17	9.85
		For Galvanized Fittings, Add	*39.34*	
23 21 13 23-0831	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling	175.27	12.00
		For Galvanized Fittings, Add	*39.34*	
23 21 13 23-0832	EA	3" Roust-A-Bout Plain End Piping System Coupling	254.55	14.33
		For Galvanized Fittings, Add	*58.27*	
23 21 13 23-0833	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling	294.82	16.75
		For Galvanized Fittings, Add	*67.43*	
23 21 13 23-0834	EA	4" Roust-A-Bout Plain End Piping System Coupling	298.36	19.08
		For Galvanized Fittings, Add	*67.43*	
23 21 13 23-0835	EA	5" Roust-A-Bout Plain End Piping System Coupling	421.18	23.91
		For Galvanized Fittings, Add	*96.33*	
23 21 13 23-0836	EA	6" Roust-A-Bout Plain End Piping System Coupling	517.21	31.08
		For Galvanized Fittings, Add	*117.66*	
23 21 13 23-0837	EA	8" Roust-A-Bout Plain End Piping System Coupling	890.10	37.07
		For Galvanized Fittings, Add	*208.63*	
23 21 13 23-0838	EA	10" Roust-A-Bout Plain End Piping System Coupling	1,151.54	43.88
		For Galvanized Fittings, Add	*271.42*	
23 21 13 23-0839	EA	12" Roust-A-Bout Plain End Piping System Coupling	1,440.24	51.94
		For Galvanized Fittings, Add	*340.58*	
23 21 13 23-0840	EA	14" Roust-A-Bout Plain End Piping System Coupling	2,020.62	57.41
		For Galvanized Fittings, Add	*483.63*	
23 21 13 23-0841	EA	16" Roust-A-Bout Plain End Piping System Coupling	2,746.50	64.92
		For Galvanized Fittings, Add	*662.29*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0842		Plain End Piping System Fittings *(23 21 13 23-0818)* Note: Cast ductile iron bodies.		
23 21 13 23-0843		Plain End Piping System, 90 Degree Elbows *(23 21 13 23-0842)*		
23 21 13 23-0844	EA	1" Plain End Piping System, 90 Degree Elbow	139.00	9.76
		For Galvanized Fittings, Add	*24.87*	
23 21 13 23-0845	EA	1-1/2" Plain End Piping System, 90 Degree Elbow	146.53	14.78
		For Galvanized Fittings, Add	*24.87*	
23 21 13 23-0846	EA	2" Plain End Piping System, 90 Degree Elbow	153.64	19.52
		For Galvanized Fittings, Add	*24.87*	
23 21 13 23-0847	EA	2-1/2" Plain End Piping System, 90 Degree Elbow	160.02	23.82
		For Galvanized Fittings, Add	*24.87*	
23 21 13 23-0848	EA	3" Plain End Piping System, 90 Degree Elbow	192.60	28.83
		For Galvanized Fittings, Add	*29.88*	
23 21 13 23-0849	EA	4" Plain End Piping System, 90 Degree Elbow	274.81	37.97
		For Galvanized Fittings, Add	*43.57*	
23 21 13 23-0850	EA	5" Plain End Piping System, 90 Degree Elbow	825.37	47.55
		For Galvanized Fittings, Add	*150.81*	
23 21 13 23-0851	EA	6" Plain End Piping System, 90 Degree Elbow	692.89	62.24
		For Galvanized Fittings, Add	*119.92*	
23 21 13 23-0852	EA	8" Plain End Piping System, 90 Degree Elbow	1,377.26	73.88
		For Galvanized Fittings, Add	*253.29*	
23 21 13 23-0853	EA	10" Plain End Piping System, 90 Degree Elbow	1,721.12	86.33
		For Galvanized Fittings, Add	*318.34*	
23 21 13 23-0854	EA	12" Plain End Piping System, 90 Degree Elbow	2,182.08	103.70
		For Galvanized Fittings, Add	*405.32*	
23 21 13 23-0855		Plain End Piping System, 45 Degree Elbows *(23 21 13 23-0842)*		
23 21 13 23-0856	EA	1" Plain End Piping System, 45 Degree Elbow	139.00	9.76
		For Galvanized Fittings, Add	*24.87*	
23 21 13 23-0857	EA	1-1/2" Plain End Piping System, 45 Degree Elbow	146.53	14.78
		For Galvanized Fittings, Add	*24.87*	
23 21 13 23-0858	EA	2" Plain End Piping System, 45 Degree Elbow	153.64	19.52
		For Galvanized Fittings, Add	*24.87*	
23 21 13 23-0859	EA	2-1/2" Plain End Piping System, 45 Degree Elbow	160.02	23.82
		For Galvanized Fittings, Add	*24.87*	
23 21 13 23-0860	EA	3" Plain End Piping System, 45 Degree Elbow	192.60	28.83
		For Galvanized Fittings, Add	*29.88*	
23 21 13 23-0861	EA	4" Plain End Piping System, 45 Degree Elbow	274.81	37.97
		For Galvanized Fittings, Add	*43.57*	
23 21 13 23-0862	EA	5" Plain End Piping System, 45 Degree Elbow	825.37	47.55
		For Galvanized Fittings, Add	*150.81*	
23 21 13 23-0863	EA	6" Plain End Piping System, 45 Degree Elbow	695.20	62.24
		For Galvanized Fittings, Add	*120.38*	
23 21 13 23-0864	EA	8" Plain End Piping System, 45 Degree Elbow	806.69	73.88
		For Galvanized Fittings, Add	*139.17*	
23 21 13 23-0865	EA	10" Plain End Piping System, 45 Degree Elbow	1,100.53	86.33
		For Galvanized Fittings, Add	*194.22*	
23 21 13 23-0866	EA	12" Plain End Piping System, 45 Degree Elbow	1,410.03	103.70
		For Galvanized Fittings, Add	*250.91*	
23 21 13 23-0867		Plain End Piping System, Tees *(23 21 13 23-0842)*		
23 21 13 23-0868	EA	1" Plain End Piping System, Tee	189.64	14.78
		For Galvanized Fittings, Add	*33.50*	
23 21 13 23-0869	EA	1-1/2" Plain End Piping System, Tee	200.74	22.20
		For Galvanized Fittings, Add	*33.50*	
23 21 13 23-0870	EA	2" Plain End Piping System, Tee	210.53	28.74
		For Galvanized Fittings, Add	*33.50*	
23 21 13 23-0871	EA	2-1/2" Plain End Piping System, Tee	220.28	35.19
		For Galvanized Fittings, Add	*33.50*	
23 21 13 23-0872	EA	3" Plain End Piping System, Tee	305.91	43.25
		For Galvanized Fittings, Add	*48.20*	
23 21 13 23-0873	EA	4" Plain End Piping System, Tee	419.04	55.97
		For Galvanized Fittings, Add	*67.04*	
23 21 13 23-0874	EA	5" Plain End Piping System, Tee	846.06	73.16
		For Galvanized Fittings, Add	*147.26*	
23 21 13 23-0875	EA	6" Plain End Piping System, Tee	1,046.11	91.61
		For Galvanized Fittings, Add	*181.75*	
23 21 13 23-0876	EA	8" Plain End Piping System, Tee	1,426.25	111.40
		For Galvanized Fittings, Add	*251.83*	
23 21 13 23-0877	EA	10" Plain End Piping System, Tee	2,117.54	129.85
		For Galvanized Fittings, Add	*384.57*	
23 21 13 23-0878	EA	12" Plain End Piping System, Tee	2,834.42	155.55
		For Galvanized Fittings, Add	*520.24*	
23 21 13 23-0879		Plain End Piping System, Reducing Tees *(23 21 13 23-0842)*		
23 21 13 23-0880	EA	1-1/2" Plain End Piping System, Reducing Tee	366.73	23.82
		For Galvanized Fittings, Add	*66.21*	
23 21 13 23-0881	EA	2" Plain End Piping System, Reducing Tee	374.09	28.74
		For Galvanized Fittings, Add	*66.21*	
23 21 13 23-0882	EA	2-1/2" Plain End Piping System, Reducing Tee	383.84	35.19
		For Galvanized Fittings, Add	*66.21*	
23 21 13 23-0883	EA	3" Plain End Piping System, Reducing Tee	395.93	43.25
		For Galvanized Fittings, Add	*66.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0884	EA	4" Plain End Piping System, Reducing Tee	572.58	55.97
		For Galvanized Fittings, Add	*97.75*	
23 21 13 23-0885	EA	6" Plain End Piping System, Reducing Tee	967.27	91.61
		For Galvanized Fittings, Add	*165.98*	
23 21 13 23-0886	EA	8" Plain End Piping System, Reducing Tee	1,260.03	111.40
		For Galvanized Fittings, Add	*218.59*	
23 21 13 23-0887	EA	10" Plain End Piping System, Reducing Tee	1,879.63	129.85
		For Galvanized Fittings, Add	*336.99*	
23 21 13 23-0888	EA	12" Plain End Piping System, Reducing Tee	2,766.34	155.55
		For Galvanized Fittings, Add	*506.63*	

23 21 13 23-0889 Plain End Piping System, Wyes *(23 21 13 23-0842)*

23 21 13 23-0890	EA	2" Plain End Piping System, Wye	533.62	28.74
		For Galvanized Fittings, Add	*98.11*	
23 21 13 23-0891	EA	2-1/2" Plain End Piping System, Wye	543.37	35.19
		For Galvanized Fittings, Add	*98.11*	
23 21 13 23-0892	EA	3" Plain End Piping System, Wye	616.32	43.25
		For Galvanized Fittings, Add	*110.29*	
23 21 13 23-0893	EA	4" Plain End Piping System, Wye	902.35	55.97
		For Galvanized Fittings, Add	*163.70*	
23 21 13 23-0894	EA	5" Plain End Piping System, Wye	1,105.75	73.16
		For Galvanized Fittings, Add	*199.20*	
23 21 13 23-0895	EA	6" Plain End Piping System, Wye	1,508.90	91.61
		For Galvanized Fittings, Add	*274.31*	
23 21 13 23-0896	EA	8" Plain End Piping System, Wye	1,943.33	111.40
		For Galvanized Fittings, Add	*355.25*	
23 21 13 23-0897	EA	10" Plain End Piping System, Wye	2,813.97	129.85
		For Galvanized Fittings, Add	*523.86*	
23 21 13 23-0898	EA	12" Plain End Piping System, Wye	4,271.09	155.55
		For Galvanized Fittings, Add	*807.58*	

23 21 13 23-0899 Plain End Piping System, Laterals *(23 21 13 23-0842)*

23 21 13 23-0900	EA	2" Plain End Piping System, Lateral	568.32	28.74
		For Galvanized Fittings, Add	*105.05*	
23 21 13 23-0901	EA	2-1/2" Plain End Piping System, Lateral	578.07	35.19
		For Galvanized Fittings, Add	*105.05*	
23 21 13 23-0902	EA	3" Plain End Piping System, Lateral	650.79	43.25
		For Galvanized Fittings, Add	*117.18*	
23 21 13 23-0903	EA	4" Plain End Piping System, Lateral	968.17	55.97
		For Galvanized Fittings, Add	*176.86*	
23 21 13 23-0904	EA	5" Plain End Piping System, Lateral	1,262.52	73.16
		For Galvanized Fittings, Add	*230.56*	
23 21 13 23-0905	EA	6" Plain End Piping System, Lateral	1,609.76	91.61
		For Galvanized Fittings, Add	*294.48*	
23 21 13 23-0906	EA	8" Plain End Piping System, Lateral	2,313.79	111.40
		For Galvanized Fittings, Add	*429.34*	
23 21 13 23-0907	EA	10" Plain End Piping System, Lateral	3,225.01	129.85
		For Galvanized Fittings, Add	*606.07*	
23 21 13 23-0908	EA	12" Plain End Piping System, Lateral	4,332.18	155.55
		For Galvanized Fittings, Add	*819.79*	

23 21 13 23-0909 Plain End Piping System, Crosses *(23 21 13 23-0842)*

23 21 13 23-0910	EA	2" Plain End Piping System, Cross	634.86	43.07
		For Galvanized Fittings, Add	*71.29*	
23 21 13 23-0911	EA	2-1/2" Plain End Piping System, Cross	649.45	52.75
		For Galvanized Fittings, Add	*71.29*	
23 21 13 23-0912	EA	3" Plain End Piping System, Cross	758.85	64.92
		For Galvanized Fittings, Add	*82.69*	
23 21 13 23-0913	EA	4" Plain End Piping System, Cross	1,034.54	83.91
		For Galvanized Fittings, Add	*113.60*	
23 21 13 23-0914	EA	5" Plain End Piping System, Cross	1,455.36	109.79
		For Galvanized Fittings, Add	*161.34*	
23 21 13 23-0915	EA	6" Plain End Piping System, Cross	1,909.71	137.02
		For Galvanized Fittings, Add	*213.04*	
23 21 13 23-0916	EA	8" Plain End Piping System, Cross	2,435.23	165.94
		For Galvanized Fittings, Add	*273.31*	
23 21 13 23-0917	EA	10" Plain End Piping System, Cross	3,480.97	193.97
		For Galvanized Fittings, Add	*398.78*	
23 21 13 23-0918	EA	12" Plain End Piping System, Cross	4,949.85	233.37
		For Galvanized Fittings, Add	*575.01*	

23 21 13 23-0919 Plain End Piping System, Adapter Nipples *(23 21 13 23-0842)*

Note: Plain to threaded, plain to beveled or plain to grooved.

23 21 13 23-0920	EA	1" Plain End Piping System, Adapter Nipple	24.54	5.37
		For Galvanized Fittings, Add	*4.12*	
23 21 13 23-0921	EA	1-1/2" Plain End Piping System, Adapter Nipple	28.13	7.43
		For Galvanized Fittings, Add	*4.23*	
23 21 13 23-0922	EA	2" Plain End Piping System, Adapter Nipple	31.66	9.85
		For Galvanized Fittings, Add	*4.23*	
23 21 13 23-0923	EA	2-1/2" Plain End Piping System, Adapter Nipple	37.75	11.91
		For Galvanized Fittings, Add	*4.96*	
23 21 13 23-0924	EA	3" Plain End Piping System, Adapter Nipple	46.01	14.33
		For Galvanized Fittings, Add	*6.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0925	EA	4" Plain End Piping System, Adapter Nipple	69.65	19.08
		For Galvanized Fittings, Add	*10.25*	
23 21 13 23-0926	EA	6" Plain End Piping System, Adapter Nipple	146.69	23.91
		For Galvanized Fittings, Add	*27.72*	

23 21 13 23-0927 Plain End Piping System, Reducing (Swaged) Nipples *(23 21 13 23-0842)*

23 21 13 23-0928	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	74.64	12.81
		For Galvanized Fittings, Add	*13.85*	
23 21 13 23-0929	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	78.24	15.22
		For Galvanized Fittings, Add	*13.85*	
23 21 13 23-0930	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	81.85	17.65
		For Galvanized Fittings, Add	*13.85*	
23 21 13 23-0931	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	80.97	17.10
		For Galvanized Fittings, Add	*13.85*	
23 21 13 23-0932	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	84.51	19.44
		For Galvanized Fittings, Add	*13.85*	
23 21 13 23-0933	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple	88.08	21.76
		For Galvanized Fittings, Add	*13.85*	
23 21 13 23-0934	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple	96.96	19.70
		For Galvanized Fittings, Add	*16.87*	
23 21 13 23-0935	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	100.15	21.76
		For Galvanized Fittings, Add	*16.87*	
23 21 13 23-0936	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple	88.17	24.18
		For Galvanized Fittings, Add	*12.97*	
23 21 13 23-0937	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	95.10	28.83
		For Galvanized Fittings, Add	*12.97*	
23 21 13 23-0938	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple	108.58	31.08
		For Galvanized Fittings, Add	*15.51*	
23 21 13 23-0939	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple	131.56	24.45
		For Galvanized Fittings, Add	*23.72*	
23 21 13 23-0940	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	134.70	26.60
		For Galvanized Fittings, Add	*23.72*	
23 21 13 23-0941	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple	115.30	29.02
		For Galvanized Fittings, Add	*17.96*	
23 21 13 23-0942	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	118.37	31.08
		For Galvanized Fittings, Add	*17.96*	
23 21 13 23-0943	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple	122.02	33.49
		For Galvanized Fittings, Add	*17.96*	
23 21 13 23-0944	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	125.51	35.82
		For Galvanized Fittings, Add	*17.96*	
23 21 13 23-0945	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple	314.82	33.76
		For Galvanized Fittings, Add	*66.04*	
23 21 13 23-0946	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple	261.15	38.15
		For Galvanized Fittings, Add	*50.97*	
23 21 13 23-0947	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple	232.30	43.07
		For Galvanized Fittings, Add	*41.95*	
23 21 13 23-0948	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple	557.94	36.45
		For Galvanized Fittings, Add	*125.83*	
23 21 13 23-0949	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	561.03	38.50
		For Galvanized Fittings, Add	*125.83*	
23 21 13 23-0950	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple	433.62	40.93
		For Galvanized Fittings, Add	*93.07*	
23 21 13 23-0951	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	436.80	43.07
		For Galvanized Fittings, Add	*93.07*	
23 21 13 23-0952	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple	309.32	45.40
		For Galvanized Fittings, Add	*60.32*	
23 21 13 23-0953	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	312.57	47.55
		For Galvanized Fittings, Add	*60.32*	
23 21 13 23-0954	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple	258.10	50.15
		For Galvanized Fittings, Add	*45.75*	
23 21 13 23-0955	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple	292.11	54.89
		For Galvanized Fittings, Add	*52.45*	
23 21 13 23-0956	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple	367.90	51.31
		For Galvanized Fittings, Add	*72.74*	
23 21 13 23-0957	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple	375.14	56.15
		For Galvanized Fittings, Add	*72.74*	
23 21 13 23-0958	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple	422.39	60.99
		For Galvanized Fittings, Add	*82.75*	
23 21 13 23-0959	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple	473.27	68.15
		For Galvanized Fittings, Add	*92.76*	

23 21 13 23-0960 Plain End Piping System, Bull Plugs *(23 21 13 23-0842)*

23 21 13 23-0961	EA	1" Plain End Piping System, Bull Plug	278.47	5.37
		For Galvanized Fittings, Add	*81.12*	
23 21 13 23-0962	EA	1-1/2" Plain End Piping System, Bull Plug	281.61	7.43
		For Galvanized Fittings, Add	*81.12*	
23 21 13 23-0963	EA	2" Plain End Piping System, Bull Plug	285.14	9.85
		For Galvanized Fittings, Add	*81.12*	
23 21 13 23-0964	EA	2-1/2" Plain End Piping System, Bull Plug	288.32	11.91
		For Galvanized Fittings, Add	*81.12*	
23 21 13 23-0965	EA	3" Plain End Piping System, Bull Plug	417.89	14.33
		For Galvanized Fittings, Add	*118.92*	
23 21 13 23-0966	EA	4" Plain End Piping System, Bull Plug	540.66	19.08
		For Galvanized Fittings, Add	*153.60*	
23 21 13 23-0967	EA	5" Plain End Piping System, Bull Plug	940.66	23.91
		For Galvanized Fittings, Add	*271.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0968	EA	6" Plain End Piping System, Bull Plug	1,253.40	31.08
		For Galvanized Fittings, Add	*362.05*	
23 21 13 23-0969	EA	8" Plain End Piping System, Bull Plug	2,324.42	36.98
		For Galvanized Fittings, Add	*680.67*	
23 21 13 23-0970	EA	10" Plain End Piping System, Bull Plug	4,183.69	43.25
		For Galvanized Fittings, Add	*1,235.64*	
23 21 13 23-0971	EA	12" Plain End Piping System, Bull Plug	6,411.87	51.94
		For Galvanized Fittings, Add	*1,900.19*	

23 21 13 23-0972 Carbon Steel Piping Systems *(23 21 13 23)*

23 21 13 23-0973 Class 3,000 LB Carbon Steel Socket Weld Fittings *(23 21 13 23-0972)*

Note: ASTM A105

23 21 13 23-0974 90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0973)*

23 21 13 23-0975	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	33.01	17.73
23 21 13 23-0976	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	37.10	19.79
23 21 13 23-0977	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	46.82	22.12
23 21 13 23-0978	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	63.01	25.07
23 21 13 23-0979	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	71.97	28.21
23 21 13 23-0980	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	97.29	35.91
23 21 13 23-0981	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	189.98	53.10
23 21 13 23-0982	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	269.50	69.85
23 21 13 23-0983	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	459.09	72.87

23 21 13 23-0984 45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0973)*

23 21 13 23-0985	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	35.87	17.73
23 21 13 23-0986	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	41.42	19.79
23 21 13 23-0987	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	48.15	22.12
23 21 13 23-0988	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	64.69	25.07
23 21 13 23-0989	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	76.00	28.21
23 21 13 23-0990	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	97.20	35.91
23 21 13 23-0991	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	214.64	53.10
23 21 13 23-0992	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	290.37	69.85
23 21 13 23-0993	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	450.06	72.87

23 21 13 23-0994 Straight Tees, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0973)*

23 21 13 23-0995	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	40.53	22.12
23 21 13 23-0996	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	48.90	25.52
23 21 13 23-0997	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	64.04	30.18
23 21 13 23-0998	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	84.46	35.91
23 21 13 23-0999	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	102.24	42.81
23 21 13 23-1000	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	134.81	53.10
23 21 13 23-1001	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	237.66	69.85
23 21 13 23-1002	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	323.97	82.92
23 21 13 23-1003	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	606.86	92.00

23 21 13 23-1004 Reducing Tees, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0973)*

23 21 13 23-1005	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	41.32	22.12
23 21 13 23-1006	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	49.71	25.52
23 21 13 23-1007	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	65.01	30.18
23 21 13 23-1008	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	86.75	35.91
23 21 13 23-1009	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	104.92	42.81
23 21 13 23-1010	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	138.94	53.10
23 21 13 23-1011	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	247.47	69.85
23 21 13 23-1012	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	338.08	82.92
23 21 13 23-1013	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	556.63	92.00

23 21 13 23-1014 Straight Couplings, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0973)*

23 21 13 23-1015	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	29.49	17.73
23 21 13 23-1016	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	33.21	19.79
23 21 13 23-1017	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	38.55	22.12
23 21 13 23-1018	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	44.33	25.07
23 21 13 23-1019	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	51.46	28.21
23 21 13 23-1020	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	67.10	35.91
23 21 13 23-1021	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 LB	113.10	53.10
23 21 13 23-1022	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	150.94	69.85
23 21 13 23-1023	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	201.36	72.87

23 21 13 23-1024 Reducing Couplings, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-0973)*

23 21 13 23-1025	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	31.08	17.73
23 21 13 23-1026	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	34.95	19.79
23 21 13 23-1027	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	41.34	22.12
23 21 13 23-1028	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	47.71	25.07
23 21 13 23-1029	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	56.48	28.21
23 21 13 23-1030	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	72.46	35.91
23 21 13 23-1031	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	124.90	53.10
23 21 13 23-1032	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	174.67	69.85
23 21 13 23-1033	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	250.70	72.87

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1034		**Caps, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0973)*		
23 21 13 23-1035	EA	1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	17.12	8.33
23 21 13 23-1036	EA	3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	19.40	8.86
23 21 13 23-1037	EA	1" Cap, Carbon Steel, Socket Weld, 3,000 LB	22.73	10.21
23 21 13 23-1038	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	26.26	11.11
23 21 13 23-1039	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	29.81	11.11
23 21 13 23-1040	EA	2" Cap, Carbon Steel, Socket Weld, 3,000 LB	38.66	14.24
23 21 13 23-1041	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	67.19	17.73
23 21 13 23-1042	EA	3" Cap, Carbon Steel, Socket Weld, 3,000 LB	96.14	21.40
23 21 13 23-1043	EA	4" Cap, Carbon Steel, Socket Weld, 3,000 LB	137.31	24.93
23 21 13 23-1044		**Black Cast Iron Square Head Plug** *(23 21 13 23-0973)*		
23 21 13 23-1045	EA	1/2" Square Head Plug, Black, Cast Iron	11.58	7.07
23 21 13 23-1046	EA	3/4" Square Head Plug, Black, Cast Iron	13.09	7.07
23 21 13 23-1047	EA	1" Square Head Plug, Black, Cast Iron	18.87	10.74
23 21 13 23-1048	EA	1-1/4" Square Head Plug, Black, Cast Iron	19.17	10.74
23 21 13 23-1049	EA	1-1/2" Square Head Plug, Black, Cast Iron	20.43	10.74
23 21 13 23-1050	EA	2" Square Head Plug, Black, Cast Iron	27.08	14.24
23 21 13 23-1051	EA	2-1/2" Square Head Plug, Black, Cast Iron	34.77	17.73
23 21 13 23-1052	EA	3" Square Head Plug, Black, Cast Iron	45.31	21.40
23 21 13 23-1053	EA	4" Square Head Plug, Black, Cast Iron	52.96	24.93
23 21 13 23-1054		**Unions, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-0973)*		
23 21 13 23-1055	EA	1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	49.76	22.12
23 21 13 23-1056	EA	3/4" Union, Carbon Steel, Socket Weld, 3,000 LB	55.29	25.52
23 21 13 23-1057	EA	1" Union, Carbon Steel, Socket Weld, 3,000 LB	70.11	30.18
23 21 13 23-1058	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB	88.12	35.91
23 21 13 23-1059	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	106.10	42.81
23 21 13 23-1060	EA	2" Union, Carbon Steel, Socket Weld, 3,000 LB	132.56	53.10
23 21 13 23-1061	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	222.12	57.67
23 21 13 23-1062	EA	3" Union, Carbon Steel, Socket Weld, 3,000 LB	296.94	69.85
23 21 13 23-1063		**Class 6,000 LB Carbon Steel Socket Weld Fittings** *(23 21 13 23-0972)* Note: ASTM A105		
23 21 13 23-1064		**90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1063)*		
23 21 13 23-1065	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	36.45	17.73
23 21 13 23-1066	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	41.04	19.79
23 21 13 23-1067	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	54.08	22.12
23 21 13 23-1068	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	76.53	25.07
23 21 13 23-1069	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	87.70	28.21
23 21 13 23-1070	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	120.39	35.91
23 21 13 23-1071	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	248.60	53.10
23 21 13 23-1072	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	357.01	69.85
23 21 13 23-1073	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	644.91	72.87
23 21 13 23-1074		**45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1063)*		
23 21 13 23-1075	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	41.15	17.73
23 21 13 23-1076	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	48.06	19.79
23 21 13 23-1077	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	56.63	22.12
23 21 13 23-1078	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	80.05	25.07
23 21 13 23-1079	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	95.05	28.21
23 21 13 23-1080	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	121.79	35.91
23 21 13 23-1081	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	291.10	53.10
23 21 13 23-1082	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	395.47	69.85
23 21 13 23-1083	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	643.05	72.87
23 21 13 23-1084		**Straight Tees, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1063)*		
23 21 13 23-1085	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	47.35	22.12
23 21 13 23-1086	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	58.75	25.52
23 21 13 23-1087	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	81.47	30.18
23 21 13 23-1088	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	112.87	35.91
23 21 13 23-1089	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	137.46	42.81
23 21 13 23-1090	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	185.95	53.10
23 21 13 23-1091	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	360.78	69.85
23 21 13 23-1092	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	508.83	82.92
23 21 13 23-1093	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	1,041.16	92.00
23 21 13 23-1094		**Reducing Tees, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1063)*		
23 21 13 23-1095	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	41.32	22.12
23 21 13 23-1096	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	49.71	25.52
23 21 13 23-1097	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	65.01	30.18
23 21 13 23-1098	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	86.75	35.91
23 21 13 23-1099	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	104.92	42.81
23 21 13 23-1100	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	138.94	53.10
23 21 13 23-1101	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	247.47	69.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1102	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	338.08	82.92
23 21 13 23-1103	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	556.63	92.00
23 21 13 23-1104		Straight Couplings, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1063)*		
23 21 13 23-1105	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	30.92	17.73
23 21 13 23-1106	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	34.90	19.79
23 21 13 23-1107	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	41.14	22.12
23 21 13 23-1108	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	47.60	25.07
23 21 13 23-1109	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	55.87	28.21
23 21 13 23-1110	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	73.54	35.91
23 21 13 23-1111	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	129.30	53.10
23 21 13 23-1112	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	173.28	69.85
23 21 13 23-1113	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	245.93	72.87
23 21 13 23-1114		Reducing Couplings, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1063)*		
23 21 13 23-1115	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	33.27	17.73
23 21 13 23-1116	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	37.48	19.79
23 21 13 23-1117	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	45.27	22.12
23 21 13 23-1118	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	52.58	25.07
23 21 13 23-1119	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	63.26	28.21
23 21 13 23-1120	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	81.43	35.91
23 21 13 23-1121	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	146.64	53.10
23 21 13 23-1122	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	208.24	69.85
23 21 13 23-1123	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	318.62	72.87
23 21 13 23-1124		Caps, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1063)*		
23 21 13 23-1125	EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	20.26	8.33
23 21 13 23-1126	EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB	23.51	8.86
23 21 13 23-1127	EA	1" Cap, Carbon Steel, Socket Weld, 6,000 LB	27.71	10.21
23 21 13 23-1128	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB	32.76	11.11
23 21 13 23-1129	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	38.69	11.11
23 21 13 23-1130	EA	2" Cap, Carbon Steel, Socket Weld, 6,000 LB	50.25	14.24
23 21 13 23-1131	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	94.47	17.73
23 21 13 23-1132	EA	3" Cap, Carbon Steel, Socket Weld, 6,000 LB	139.13	21.40
23 21 13 23-1133	EA	4" Cap, Carbon Steel, Socket Weld, 6,000 LB	204.34	24.93
23 21 13 23-1134		Black Cast Iron Square Head Plug *(23 21 13 23-1063)*		
23 21 13 23-1135	EA	1/2" Square Head Plug, Black Cast Iron	11.58	7.07
23 21 13 23-1136	EA	3/4" Square Head Plug, Black Cast Iron	13.11	7.07
23 21 13 23-1137	EA	1" Square Head Plug, Black Cast Iron	18.88	10.74
23 21 13 23-1138	EA	1-1/4" Square Head Plug, Black Cast Iron	19.19	10.74
23 21 13 23-1139	EA	1-1/2" Square Head Plug, Black Cast Iron	20.45	10.74
23 21 13 23-1140	EA	2" Square Head Plug, Black Cast Iron	27.11	14.24
23 21 13 23-1141	EA	2-1/2" Square Head Plug, Black Cast Iron	34.81	17.73
23 21 13 23-1142	EA	3" Square Head Plug, Black Cast Iron	45.38	21.40
23 21 13 23-1143	EA	4" Square Head Plug, Black Cast Iron	53.04	24.93
23 21 13 23-1144		Unions, 6,000 LB Carbon Steel Socket Weld *(23 21 13 23-1063)*		
23 21 13 23-1145	EA	1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	59.90	22.12
23 21 13 23-1146	EA	3/4" Union, Carbon Steel, Socket Weld, 6,000 LB	65.70	25.52
23 21 13 23-1147	EA	1" Union, Carbon Steel, Socket Weld, 6,000 LB	85.32	30.18
23 21 13 23-1148	EA	1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB	109.11	35.91
23 21 13 23-1149	EA	1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	131.73	42.81
23 21 13 23-1150	EA	2" Union, Carbon Steel, Socket Weld, 6,000 LB	164.94	53.10
23 21 13 23-1151	EA	2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	305.04	57.67
23 21 13 23-1152	EA	3" Union, Carbon Steel, Socket Weld, 6,000 LB	414.46	69.85
23 21 13 23-1153		Carbon Steel, Seamless Piping System *(23 21 13 23-0972)* Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
23 21 13 23-1154		Schedule 40, Carbon Steel, Seamless Piping *(23 21 13 23-1153)* Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-1155	LF	1/4" ASTM A106 Carbon Steel Pipe, Schedule 40	6.88	3.31
		For Schedule 80, Add	*0.68*	
23 21 13 23-1156	LF	1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	7.16	3.58
		For Schedule 80, Add	*0.63*	
		For Schedule 160, Add	*2.61*	
23 21 13 23-1157	LF	3/4" ASTM A106 Carbon Steel Pipe, Schedule 40	7.90	3.85
		For Schedule 80, Add	*0.77*	
		For Schedule 160, Add	*3.20*	
23 21 13 23-1158	LF	1" ASTM A106 Carbon Steel Pipe, Schedule 40	8.46	4.21
		For Schedule 80, Add	*0.79*	
		For Schedule 160, Add	*3.30*	
23 21 13 23-1159	LF	1-1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	11.03	5.19
		For Schedule 80, Add	*1.17*	
		For Schedule 160, Add	*4.86*	
23 21 13 23-1160	LF	2" ASTM A106 Carbon Steel Pipe, Schedule 40	13.69	6.27
		For Schedule 80, Add	*1.53*	
		For Schedule 160, Add	*6.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1161		**90 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1153)*		
23 21 13 23-1162	EA	1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	24.49	13.61
23 21 13 23-1163	EA	1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	29.49	15.94
23 21 13 23-1164	EA	3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	32.95	17.82
23 21 13 23-1165	EA	1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	37.69	19.88
23 21 13 23-1166	EA	1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	58.36	25.43
23 21 13 23-1167	EA	2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	73.96	32.33
23 21 13 23-1168	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	25.79	13.61
23 21 13 23-1169	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	29.98	15.94
23 21 13 23-1170	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	34.56	17.82
23 21 13 23-1171	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	41.19	19.88
23 21 13 23-1172	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	66.72	25.43
23 21 13 23-1173	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	83.20	32.33
23 21 13 23-1174	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	34.53	15.94
23 21 13 23-1175	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	40.29	17.82
23 21 13 23-1176	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	47.22	19.88
23 21 13 23-1177	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	83.64	25.43
23 21 13 23-1178	EA	2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	128.07	32.33
23 21 13 23-1179		**45 Degree Elbows, Screwed Carbon Steel** *(23 21 13 23-1153)*		
23 21 13 23-1180	EA	1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	27.25	13.61
23 21 13 23-1181	EA	1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	30.54	15.94
23 21 13 23-1182	EA	3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	34.31	17.82
23 21 13 23-1183	EA	1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	38.72	19.88
23 21 13 23-1184	EA	1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	55.02	25.43
23 21 13 23-1185	EA	2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	79.11	32.33
23 21 13 23-1186	EA	1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	27.46	13.61
23 21 13 23-1187	EA	1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	31.73	15.94
23 21 13 23-1188	EA	3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	35.69	17.82
23 21 13 23-1189	EA	1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	42.30	19.88
23 21 13 23-1190	EA	1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	65.43	25.43
23 21 13 23-1191	EA	2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	86.08	32.33
23 21 13 23-1192	EA	1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	37.67	15.94
23 21 13 23-1193	EA	3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	45.97	17.82
23 21 13 23-1194	EA	1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	49.35	19.88
23 21 13 23-1195	EA	1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	95.71	25.43
23 21 13 23-1196	EA	2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	128.87	32.33
23 21 13 23-1197		**Straight Tees, Screwed Carbon Steel** *(23 21 13 23-1153)*		
23 21 13 23-1198	EA	1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel	32.62	18.89
23 21 13 23-1199	EA	1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	37.11	19.88
23 21 13 23-1200	EA	3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel	44.36	23.02
23 21 13 23-1201	EA	1" Tee, Straight, 2,000 LB, Screwed Carbon Steel	54.26	27.13
23 21 13 23-1202	EA	1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	86.27	38.50
23 21 13 23-1203	EA	2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	106.96	47.82
23 21 13 23-1204	EA	1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	33.74	18.89
23 21 13 23-1205	EA	1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	37.84	19.88
23 21 13 23-1206	EA	3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	46.78	23.02
23 21 13 23-1207	EA	1" Tee, Straight, 3,000 LB, Screwed Carbon Steel	56.33	27.13
23 21 13 23-1208	EA	1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	93.45	38.50
23 21 13 23-1209	EA	2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	118.83	47.82
23 21 13 23-1210	EA	1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	43.30	19.88
23 21 13 23-1211	EA	3/4" Tee, Straight, 6,000 LB, Screwed Carbon Steel	52.65	23.02
23 21 13 23-1212	EA	1" Tee, Straight, 6,000 LB, Screwed Carbon Steel	70.83	27.13
23 21 13 23-1213	EA	1-1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	109.93	38.50
23 21 13 23-1214	EA	2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	171.37	47.82
23 21 13 23-1215		**Crosses, Screwed Carbon Steel** *(23 21 13 23-1153)*		
23 21 13 23-1216	EA	1/4" Cross, 2,000 LB, Screwed Carbon Steel	48.50	23.91
23 21 13 23-1217	EA	1/2" Cross, 2,000 LB, Screwed Carbon Steel	57.15	26.86
23 21 13 23-1218	EA	3/4" Cross, 2,000 LB, Screwed Carbon Steel	61.38	28.65
23 21 13 23-1219	EA	1" Cross, 2,000 LB, Screwed Carbon Steel	75.82	34.57
23 21 13 23-1220	EA	1-1/2" Cross, 2,000 LB, Screwed Carbon Steel	130.28	48.36
23 21 13 23-1221	EA	2" Cross, 2,000 LB, Screwed Carbon Steel	167.80	59.73
23 21 13 23-1222	EA	1/2" Cross, 3,000 LB, Screwed Carbon Steel	58.52	26.86
23 21 13 23-1223	EA	3/4" Cross, 3,000 LB, Screwed Carbon Steel	69.23	28.65
23 21 13 23-1224	EA	1" Cross, 3,000 LB, Screwed Carbon Steel	82.69	34.57
23 21 13 23-1225	EA	1-1/2" Cross, 3,000 LB, Screwed Carbon Steel	140.18	48.36
23 21 13 23-1226	EA	2" Cross, 3,000 LB, Screwed Carbon Steel	185.88	59.73
23 21 13 23-1227	EA	1/2" Cross, 6,000 LB, Screwed Carbon Steel	84.08	26.86
23 21 13 23-1228	EA	3/4" Cross, 6,000 LB, Screwed Carbon Steel	138.99	28.65
23 21 13 23-1229	EA	1" Cross, 6,000 LB, Screwed Carbon Steel	190.18	34.57
23 21 13 23-1230	EA	1-1/2" Cross, 6,000 LB, Screwed Carbon Steel	300.02	48.36
23 21 13 23-1231	EA	2" Cross, 6,000 LB, Screwed Carbon Steel	329.60	59.73
23 21 13 23-1232		**Straight Couplings, Screwed Carbon Steel** *(23 21 13 23-1153)*		
23 21 13 23-1233	EA	1/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	22.86	13.61
23 21 13 23-1234	EA	1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	26.15	15.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1235	EA	3/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	29.85	17.82
23 21 13 23-1236	EA	1" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	34.55	19.88
23 21 13 23-1237	EA	1-1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	49.93	25.43
23 21 13 23-1238	EA	2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	63.36	32.33
23 21 13 23-1239	EA	1/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	26.13	13.61
23 21 13 23-1240	EA	1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	28.22	15.94
23 21 13 23-1241	EA	3/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	31.44	17.82
23 21 13 23-1242	EA	1" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	36.67	19.88
23 21 13 23-1243	EA	1-1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	53.17	25.43
23 21 13 23-1244	EA	2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	75.20	32.33
23 21 13 23-1245		**Reducing Couplings, Screwed Carbon Steel** *(23 21 13 23-1153)*		
23 21 13 23-1246	EA	1/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	23.31	14.51
23 21 13 23-1247	EA	1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	27.22	15.94
23 21 13 23-1248	EA	3/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	31.49	17.82
23 21 13 23-1249	EA	1" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	36.82	19.88
23 21 13 23-1250	EA	1-1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	50.52	25.43
23 21 13 23-1251	EA	2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	66.55	32.33
23 21 13 23-1252	EA	1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	69.17	15.94
23 21 13 23-1253	EA	3/4" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	72.02	17.82
23 21 13 23-1254	EA	1" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	84.06	19.88
23 21 13 23-1255	EA	1-1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	120.39	25.43
23 21 13 23-1256	EA	2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	172.31	32.33
23 21 13 23-1257		**Caps, Screwed Carbon Steel** *(23 21 13 23-1153)*		
23 21 13 23-1258	EA	1/4" Cap, 3,000 LB, Screwed Carbon Steel	6.91	3.31
23 21 13 23-1259	EA	1/2" Cap, 3,000 LB, Screwed Carbon Steel	7.68	3.76
23 21 13 23-1260	EA	3/4" Cap, 3,000 LB, Screwed Carbon Steel	9.33	4.30
23 21 13 23-1261	EA	1" Cap, 3,000 LB, Screwed Carbon Steel	11.95	5.01
23 21 13 23-1262	EA	1-1/2" Cap, 3,000 LB, Screwed Carbon Steel	16.12	6.00
23 21 13 23-1263	EA	2" Cap, 3,000 LB, Screwed Carbon Steel	22.35	7.43
23 21 13 23-1264	EA	1/4" Cap, 6,000 LB, Screwed Carbon Steel	10.84	3.31
23 21 13 23-1265	EA	1/2" Cap, 6,000 LB, Screwed Carbon Steel	10.20	3.76
23 21 13 23-1266	EA	3/4" Cap, 6,000 LB, Screwed Carbon Steel	13.43	4.30
23 21 13 23-1267	EA	1" Cap, 6,000 LB, Screwed Carbon Steel	14.94	5.01
23 21 13 23-1268	EA	1-1/2" Cap, 6,000 LB, Screwed Carbon Steel	28.33	6.00
23 21 13 23-1269	EA	2" Cap, 6,000 LB, Screwed Carbon Steel	34.25	7.43
23 21 13 23-1270		**Nipples, Screwed Carbon Steel** *(23 21 13 23-1153)*		
23 21 13 23-1271	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel	14.03	8.15
23 21 13 23-1272	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel	14.29	8.51
23 21 13 23-1273	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel	14.19	8.51
23 21 13 23-1274	EA	1" Nipple, 2" Long, Screwed Carbon Steel	15.76	9.23
23 21 13 23-1275	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel	17.93	9.94
23 21 13 23-1276	EA	2" Nipple, 2" Long, Screwed Carbon Steel	21.52	12.81
23 21 13 23-1277	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel	14.78	8.15
23 21 13 23-1278	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel	14.89	8.51
23 21 13 23-1279	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel	14.87	8.51
23 21 13 23-1280	EA	1" Nipple, 4" Long, Screwed Carbon Steel	16.67	9.23
23 21 13 23-1281	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel	19.55	9.94
23 21 13 23-1282	EA	2" Nipple, 4" Long, Screwed Carbon Steel	23.89	12.81
23 21 13 23-1283	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel	16.57	8.15
23 21 13 23-1284	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel	15.83	8.51
23 21 13 23-1285	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel	15.92	8.51
23 21 13 23-1286	EA	1" Nipple, 6" Long, Screwed Carbon Steel	17.97	9.23
23 21 13 23-1287	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel	21.77	9.94
23 21 13 23-1288	EA	2" Nipple, 6" Long, Screwed Carbon Steel	25.85	12.81
23 21 13 23-1289		**Unions, Screwed Carbon Steel** *(23 21 13 23-1153)*		
23 21 13 23-1290	EA	1/4" Union, 3,000 LB, Screwed Carbon Steel	29.53	19.79
23 21 13 23-1291	EA	1/2" Union, 3,000 LB, Screwed Carbon Steel	31.13	19.88
23 21 13 23-1292	EA	3/4" Union, 3,000 LB, Screwed Carbon Steel	35.77	23.02
23 21 13 23-1293	EA	1" Union, 3,000 LB, Screwed Carbon Steel	42.64	27.13
23 21 13 23-1294	EA	1-1/2" Union, 3,000 LB, Screwed Carbon Steel	61.02	38.50
23 21 13 23-1295	EA	2" Union, 3,000 LB, Screwed Carbon Steel	75.74	47.82
23 21 13 23-1296	EA	1/4" Union, 6,000 LB, Screwed Carbon Steel	46.93	19.79
23 21 13 23-1297	EA	1/2" Union, 6,000 LB, Screwed Carbon Steel	52.17	19.88
23 21 13 23-1298	EA	3/4" Union, 6,000 LB, Screwed Carbon Steel	61.24	23.02
23 21 13 23-1299	EA	1" Union, 6,000 LB, Screwed Carbon Steel	74.03	27.13
23 21 13 23-1300	EA	1-1/2" Union, 6,000 LB, Screwed Carbon Steel	125.21	38.50
23 21 13 23-1301	EA	2" Union, 6,000 LB, Screwed Carbon Steel	154.74	47.82
23 21 13 23-1302		**Weld Neck Flanges, Screwed Carbon Steel** *(23 21 13 23-1153)*		
23 21 13 23-1303	EA	1/2" Flange, 150 LB, Screwed Carbon Steel	64.74	36.98
23 21 13 23-1304	EA	3/4" Flange, 150 LB, Screwed Carbon Steel	67.73	38.77
23 21 13 23-1305	EA	1" Flange, 150 LB, Screwed Carbon Steel	70.26	40.47
23 21 13 23-1306	EA	1-1/2" Flange, 150 LB, Screwed Carbon Steel	78.24	45.59
23 21 13 23-1307	EA	2" Flange, 150 LB, Screwed Carbon Steel	81.22	47.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1308	EA	1/2" Flange, 300 LB, Screwed Carbon Steel	65.33	36.98
		For Ring Type Joint, Add	*9.84*	
		For Blind Flange, Deduct	*-24.16*	
23 21 13 23-1309	EA	3/4" Flange, 300 LB, Screwed Carbon Steel	68.35	38.77
		For Ring Type Joint, Add	*10.17*	
		For Blind Flange, Deduct	*-25.31*	
23 21 13 23-1310	EA	1" Flange, 300 LB, Screwed Carbon Steel	71.20	40.47
		For Ring Type Joint, Add	*10.49*	
		For Blind Flange, Deduct	*-26.38*	
23 21 13 23-1311	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel	80.50	45.59
		For Ring Type Joint, Add	*12.14*	
		For Blind Flange, Deduct	*-29.77*	
23 21 13 23-1312	EA	2" Flange, 300 LB, Screwed Carbon Steel	83.48	47.55
		For Ring Type Joint, Add	*12.14*	
		For Blind Flange, Deduct	*-30.96*	
23 21 13 23-1313	EA	1/2" Flange, 600 LB, Screwed Carbon Steel	69.20	36.98
		For Ring Type Joint, Add	*13.71*	
		For Blind Flange, Deduct	*-24.94*	
23 21 13 23-1314	EA	3/4" Flange, 600 LB, Screwed Carbon Steel	71.89	38.77
		For Ring Type Joint, Add	*13.71*	
		For Blind Flange, Deduct	*-26.01*	
23 21 13 23-1315	EA	1" Flange, 600 LB, Screwed Carbon Steel	75.05	40.47
		For Ring Type Joint, Add	*14.34*	
		For Blind Flange, Deduct	*-27.15*	
23 21 13 23-1316	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel	85.26	45.59
		For Ring Type Joint, Add	*16.90*	
		For Blind Flange, Deduct	*-30.72*	
23 21 13 23-1317	EA	2" Flange, 600 LB, Screwed Carbon Steel	87.07	47.55
		For Ring Type Joint, Add	*15.73*	
		For Blind Flange, Deduct	*-31.68*	

23 21 13 23-1318 Square Head Plugs, Screwed Carbon Steel *(23 21 13 23-1153)*

23 21 13 23-1319	EA	1/4" Square Head Plug, Screwed Carbon Steel	4.62	2.51
23 21 13 23-1320	EA	1/2" Square Head Plug, Screwed Carbon Steel	5.53	2.96
23 21 13 23-1321	EA	3/4" Square Head Plug, Screwed Carbon Steel	6.41	3.40
23 21 13 23-1322	EA	1" Square Head Plug, Screwed Carbon Steel	9.34	5.01
23 21 13 23-1323	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	11.62	5.01
23 21 13 23-1324	EA	2" Square Head Plug, Screwed Carbon Steel	16.66	6.54

23 21 13 23-1325 Hex Head Plugs, Screwed Carbon Steel *(23 21 13 23-1153)*

23 21 13 23-1326	EA	1/4" Hex Head Plug, Screwed Carbon Steel	4.39	2.51
23 21 13 23-1327	EA	1/2" Hex Head Plug, Screwed Carbon Steel	5.32	2.96
23 21 13 23-1328	EA	3/4" Hex Head Plug, Screwed Carbon Steel	6.27	3.40
23 21 13 23-1329	EA	1" Hex Head Plug, Screwed Carbon Steel	9.22	5.01
23 21 13 23-1330	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel	11.12	5.01
23 21 13 23-1331	EA	2" Hex Head Plug, Screwed Carbon Steel	17.01	6.54

23 21 13 23-1332 Round Head Plugs, Screwed Carbon Steel *(23 21 13 23-1153)*

23 21 13 23-1333	EA	1/4" Round Head Plug, Screwed Carbon Steel	5.13	2.51
23 21 13 23-1334	EA	1/2" Round Head Plug, Screwed Carbon Steel	5.56	2.96
23 21 13 23-1335	EA	3/4" Round Head Plug, Screwed Carbon Steel	6.31	3.40
23 21 13 23-1336	EA	1" Round Head Plug, Screwed Carbon Steel	9.42	5.01
23 21 13 23-1337	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	12.25	5.01
23 21 13 23-1338	EA	2" Round Head Plug, Screwed Carbon Steel	16.88	6.54

23 21 13 23-1339 Hexagon Bushings, Screwed Carbon Steel *(23 21 13 23-1153)*

23 21 13 23-1340	EA	1/4" Hex Bushing, Screwed Carbon Steel	4.56	2.51
23 21 13 23-1341	EA	1/2" Hex Bushing, Screwed Carbon Steel	5.31	2.96
23 21 13 23-1342	EA	3/4" Hex Bushing, Screwed Carbon Steel	6.21	3.40
23 21 13 23-1343	EA	1" Hex Bushing, Screwed Carbon Steel	9.38	5.01
23 21 13 23-1344	EA	1-1/2" Hex Bushing, Screwed Carbon Steel	11.08	5.01
23 21 13 23-1345	EA	2" Hex Bushing, Screwed Carbon Steel	16.49	6.54

23 21 13 23-1346 90 Degree Street Elbows, Screwed Carbon Steel *(23 21 13 23-1153)*

23 21 13 23-1347	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	28.65	13.61
23 21 13 23-1348	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	32.75	15.94
23 21 13 23-1349	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	38.14	17.82
23 21 13 23-1350	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	44.45	19.88
23 21 13 23-1351	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	69.35	25.43
23 21 13 23-1352	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	93.01	32.33
23 21 13 23-1353	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	44.64	15.94
23 21 13 23-1354	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	62.32	17.82
23 21 13 23-1355	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	84.90	19.88
23 21 13 23-1356	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	180.63	25.43

23 21 13 23-1357 Screwed Carbon Steel Laterals *(23 21 13 23-1153)*

23 21 13 23-1358	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	111.75	19.88
23 21 13 23-1359	EA	3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	134.15	23.02
23 21 13 23-1360	EA	1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	163.91	27.13
23 21 13 23-1361	EA	1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	211.61	38.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1362	EA	2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	263.94	47.82
23 21 13 23-1363	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	139.52	19.88
23 21 13 23-1364	EA	3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	175.46	23.02
23 21 13 23-1365	EA	1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	208.08	27.13
23 21 13 23-1366	EA	1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	292.81	38.50

23 21 13 23-1367 Grooved-Joint Pipe *(23 21 13 23)*

Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.

23 21 13 23-1368 Schedule 10 Black Grooved Pipe *(23 21 13 23-1367)*

23 21 13 23-1369	LF	2" Black Schedule 10 Grooved Pipe	24.20	11.37
23 21 13 23-1370	LF	2-1/2" Black Schedule 10 Grooved Pipe	32.71	15.58
23 21 13 23-1371	LF	3" Black Schedule 10 Grooved Pipe	36.69	17.28
23 21 13 23-1372	LF	3-1/2" Black Schedule 10 Grooved Pipe	40.69	17.91
23 21 13 23-1373	LF	4" Black Schedule 10 Grooved Pipe	43.27	19.44
23 21 13 23-1374	LF	5" Black Schedule 10 Grooved Pipe	60.52	23.82
23 21 13 23-1375	LF	6" Black Schedule 10 Grooved Pipe	78.53	33.85
23 21 13 23-1376	LF	8" Black Schedule 10 Grooved Pipe	106.01	37.97
23 21 13 23-1377	LF	10" Black Schedule 10 Grooved Pipe	132.62	45.76
23 21 13 23-1378	LF	12" Black Schedule 10 Grooved Pipe	152.85	51.85

23 21 13 23-1379 Schedule 40 Black Grooved Pipe *(23 21 13 23-1367)*

23 21 13 23-1380	LF	3/4" Black Schedule 40 Grooved Pipe	14.52	6.89
23 21 13 23-1381	LF	1" Black Schedule 40 Grooved Pipe	16.40	7.79
23 21 13 23-1382	LF	1-1/4" Black Schedule 40 Grooved Pipe	18.60	8.42
23 21 13 23-1383	LF	1-1/2" Black Schedule 40 Grooved Pipe	21.16	9.58
23 21 13 23-1384	LF	2" Black Schedule 40 Grooved Pipe	26.69	12.18
23 21 13 23-1385	LF	2-1/2" Black Schedule 40 Grooved Pipe	37.12	16.66
23 21 13 23-1386	LF	3" Black Schedule 40 Grooved Pipe	43.71	18.98
23 21 13 23-1387	LF	4" Black Schedule 40 Grooved Pipe	53.28	21.14
23 21 13 23-1388	LF	5" Black Schedule 40 Grooved Pipe	72.83	25.71
23 21 13 23-1389	LF	6" Black Schedule 40 Grooved Pipe	98.36	37.07
23 21 13 23-1390	LF	8" Black Schedule 40 Grooved Pipe	129.47	42.00
23 21 13 23-1391	LF	10" Black Schedule 40 Grooved Pipe	177.25	50.15
23 21 13 23-1392	LF	12" Black Schedule 40 Grooved Pipe	208.57	57.58
23 21 13 23-1393	LF	14" Black Schedule 40 Grooved Pipe	275.58	77.82
23 21 13 23-1394	LF	16" Black Schedule 40 Grooved Pipe	319.89	91.52
23 21 13 23-1395	LF	18" Black Schedule 40 Grooved Pipe	396.74	111.13
23 21 13 23-1396	LF	20" Black Schedule 40 Grooved Pipe	457.72	129.58
23 21 13 23-1397	LF	24" Black Schedule 40 Grooved Pipe	596.25	155.55

23 21 13 23-1398 Schedule 80 Black Grooved Pipe *(23 21 13 23-1367)*

23 21 13 23-1399	LF	3/4" Black Schedule 80 Grooved Pipe	15.92	7.53
23 21 13 23-1400	LF	1" Black Schedule 80 Grooved Pipe	17.61	7.97
23 21 13 23-1401	LF	1-1/4" Black Schedule 80 Grooved Pipe	20.60	8.86
23 21 13 23-1402	LF	1-1/2" Black Schedule 80 Grooved Pipe	23.43	9.94
23 21 13 23-1403	LF	2" Black Schedule 80 Grooved Pipe	30.32	12.81
23 21 13 23-1404	LF	2-1/2" Black Schedule 80 Grooved Pipe	42.62	17.65
23 21 13 23-1405	LF	3" Black Schedule 80 Grooved Pipe	50.64	19.79
23 21 13 23-1406	LF	4" Black Schedule 80 Grooved Pipe	63.11	21.58
23 21 13 23-1407	LF	5" Black Schedule 80 Grooved Pipe	95.49	27.13
23 21 13 23-1408	LF	6" Black Schedule 80 Grooved Pipe	124.85	38.86
23 21 13 23-1409	LF	8" Black Schedule 80 Grooved Pipe	184.70	44.42
23 21 13 23-1410	LF	10" Black Schedule 80 Grooved Pipe	229.62	53.64
23 21 13 23-1411	LF	12" Black Schedule 80 Grooved Pipe	243.15	64.83

23 21 13 23-1412 Schedule 40 Galvanized Grooved Pipe *(23 21 13 23-1367)*

23 21 13 23-1413	LF	3/4" Galvanized Schedule 40 Grooved Pipe	14.98	6.89
23 21 13 23-1414	LF	1" Galvanized Schedule 40 Grooved Pipe	17.34	7.79
23 21 13 23-1415	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe	19.31	8.42
23 21 13 23-1416	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe	21.98	9.58
23 21 13 23-1417	LF	2" Galvanized Schedule 40 Grooved Pipe	27.80	12.18
23 21 13 23-1418	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe	38.89	16.66
23 21 13 23-1419	LF	3" Galvanized Schedule 40 Grooved Pipe	46.08	18.98
23 21 13 23-1420	LF	4" Galvanized Schedule 40 Grooved Pipe	56.63	21.14
23 21 13 23-1421	LF	5" Galvanized Schedule 40 Grooved Pipe	79.14	25.71
23 21 13 23-1422	LF	6" Galvanized Schedule 40 Grooved Pipe	106.98	37.07
23 21 13 23-1423	LF	8" Galvanized Schedule 40 Grooved Pipe	141.32	42.00
23 21 13 23-1424	LF	10" Galvanized Schedule 40 Grooved Pipe	198.25	50.15
23 21 13 23-1425	LF	12" Galvanized Schedule 40 Grooved Pipe	234.01	57.58

23 21 13 23-1426 Schedule 80 Galvanized Grooved Pipe *(23 21 13 23-1367)*

23 21 13 23-1427	LF	3/4" Galvanized Schedule 80 Grooved Pipe	16.11	7.53
23 21 13 23-1428	LF	1" Galvanized Schedule 80 Grooved Pipe	20.80	7.97
23 21 13 23-1429	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe	21.11	8.86
23 21 13 23-1430	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe	27.51	10.56
23 21 13 23-1431	LF	2" Galvanized Schedule 80 Grooved Pipe	31.21	12.81
23 21 13 23-1432	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe	44.11	17.65
23 21 13 23-1433	LF	3" Galvanized Schedule 80 Grooved Pipe	52.90	19.79
23 21 13 23-1434	LF	4" Galvanized Schedule 80 Grooved Pipe	66.24	21.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1435	LF	5" Galvanized Schedule 80 Grooved Pipe	99.17	27.13
23 21 13 23-1436	LF	6" Galvanized Schedule 80 Grooved Pipe	128.93	38.86
23 21 13 23-1437	LF	8" Galvanized Schedule 80 Grooved Pipe	191.31	44.42
23 21 13 23-1438	LF	10" Galvanized Schedule 80 Grooved Pipe	227.77	53.64
23 21 13 23-1439	LF	12" Galvanized Schedule 80 Grooved Pipe	250.63	64.83

23 21 13 23-1440 Painted Grooved-Joint Pipe Fittings *(23 21 13 23)*

Note: Couplings are not included with fittings.

23 21 13 23-1441 Grooved Elbows *(23 21 13 23-1440)*

23 21 13 23-1442 90 Degree Grooved Elbows *(23 21 13 23-1441)*

Note: Victaulic No. 10

23 21 13 23-1443	EA	3/4" 90 Degree Elbow, Ductile Iron, Grooved	80.36	9.76
		For Galvanized Fittings, Add	*21.69*	
23 21 13 23-1444	EA	1" 90 Degree Elbow, Ductile Iron, Grooved	80.36	9.76
		For Galvanized Fittings, Add	*21.69*	
23 21 13 23-1445	EA	1-1/4" 90 Degree Elbow, Ductile Iron, Grooved	84.02	12.18
		For Galvanized Fittings, Add	*21.69*	
23 21 13 23-1446	EA	1-1/2" 90 degree Elbow, Ductile Iron, Grooved	87.90	14.78
		For Galvanized Fittings, Add	*21.69*	
23 21 13 23-1447	EA	2" 90 Degree Elbow, Ductile Iron, Grooved	95.00	19.52
		For Galvanized Fittings, Add	*21.69*	
23 21 13 23-1448	EA	2-1/2" 90 Degree Elbow, Ductile Iron, Grooved	101.38	23.82
		For Galvanized Fittings, Add	*21.69*	
23 21 13 23-1449	EA	3" 90 Degree Elbow, Ductile Iron, Grooved	159.98	28.83
		For Galvanized Fittings, Add	*38.53*	
23 21 13 23-1450	EA	4" 90 Degree Elbow, Ductile Iron, Grooved	184.21	38.06
		For Galvanized Fittings, Add	*41.97*	
23 21 13 23-1451	EA	5" 90 Degree Elbow, Ductile Iron, Grooved	380.89	47.55
		For Galvanized Fittings, Add	*102.16*	
23 21 13 23-1452	EA	6" 90 Degree Elbow, Ductile Iron, Grooved	453.07	62.24
		For Galvanized Fittings, Add	*118.73*	
23 21 13 23-1453	EA	8" 90 Degree Elbow, Ductile Iron, Grooved	868.28	74.06
		For Galvanized Fittings, Add	*249.89*	
23 21 13 23-1454	EA	10" 90 Degree Elbow, Ductile Iron, Grooved	1,309.33	86.42
		For Galvanized Fittings, Add	*389.32*	
23 21 13 23-1455	EA	12" 90 Degree Elbow, Ductile Iron, Grooved	2,046.45	103.70
		For Galvanized Fittings, Add	*624.02*	
23 21 13 23-1456	EA	14" 90 Degree Elbow, Steel, Grooved	4,108.09	117.05
		For Galvanized Fittings, Add	*1,297.75*	
23 21 13 23-1457	EA	16" 90 Degree Elbow, Steel, Grooved	5,340.13	129.58
		For Galvanized Fittings, Add	*1,698.12*	
23 21 13 23-1458	EA	18" 90 Degree Elbow, Steel, Grooved	6,738.63	141.58
		For Galvanized Fittings, Add	*2,153.71*	
23 21 13 23-1459	EA	20" 90 Degree Elbow, Steel, Grooved	8,797.14	147.22
		For Galvanized Fittings, Add	*2,830.20*	
23 21 13 23-1460	EA	24" 90 Degree Elbow, Steel, Grooved	12,602.51	174.09
		For Galvanized Fittings, Add	*4,072.72*	

23 21 13 23-1461 45 Degree Grooved Elbows *(23 21 13 23-1441)*

Note: Victaulic No. 11

23 21 13 23-1462	EA	3/4" 45 Degree Elbow, Ductile Iron, Grooved	80.31	9.76
		For Galvanized Fittings, Add	*15.76*	
23 21 13 23-1463	EA	1" 45 Degree Elbow, Ductile Iron, Grooved	80.31	9.76
		For Galvanized Fittings, Add	*15.76*	
23 21 13 23-1464	EA	1-1/4" 45 Degree Elbow, Ductile Iron, Grooved	83.97	12.18
		For Galvanized Fittings, Add	*15.76*	
23 21 13 23-1465	EA	1-1/2" 45 degree Elbow, Ductile Iron, Grooved	87.85	14.78
		For Galvanized Fittings, Add	*15.76*	
23 21 13 23-1466	EA	2" 45 Degree Elbow, Ductile Iron, Grooved	94.95	19.52
		For Galvanized Fittings, Add	*15.76*	
23 21 13 23-1467	EA	2-1/2" 45 Degree Elbow, Ductile Iron, Grooved	101.33	23.82
		For Galvanized Fittings, Add	*15.76*	
23 21 13 23-1468	EA	3" 45 Degree Elbow, Ductile Iron, Grooved	159.93	28.83
		For Galvanized Fittings, Add	*28.01*	
23 21 13 23-1469	EA	4" 45 Degree Elbow, Ductile Iron, Grooved	184.21	38.06
		For Galvanized Fittings, Add	*30.52*	
23 21 13 23-1470	EA	5" 45 Degree Elbow, Ductile Iron, Grooved	380.89	47.55
		For Galvanized Fittings, Add	*74.30*	
23 21 13 23-1471	EA	6" 45 Degree Elbow, Ductile Iron, Grooved	453.07	62.24
		For Galvanized Fittings, Add	*86.35*	
23 21 13 23-1472	EA	8" 45 Degree Elbow, Ductile Iron, Grooved	868.28	74.06
		For Galvanized Fittings, Add	*181.74*	
23 21 13 23-1473	EA	10" 45 Degree Elbow, Ductile Iron, Grooved	1,309.33	86.42
		For Galvanized Fittings, Add	*283.14*	
23 21 13 23-1474	EA	12" 45 Degree Elbow, Ductile Iron, Grooved	2,046.45	103.70
		For Galvanized Fittings, Add	*453.84*	
23 21 13 23-1475	EA	14" 45 Degree Elbow, Steel, Grooved	4,108.09	117.05
		For Galvanized Fittings, Add	*943.82*	
23 21 13 23-1476	EA	16" 45 Degree Elbow, Steel, Grooved	5,340.13	129.58
		For Galvanized Fittings, Add	*1,234.99*	
23 21 13 23-1477	EA	18" 45 Degree Elbow, Steel, Grooved	6,738.63	141.58
		For Galvanized Fittings, Add	*1,566.34*	
23 21 13 23-1478	EA	20" 45 Degree Elbow, Steel, Grooved	8,797.53	147.49
		For Galvanized Fittings, Add	*2,058.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1479	EA	24" 45 Degree Elbow, Steel, Grooved	12,602.51	174.09
		For Galvanized Fittings, Add	*2,961.98*	

23 21 13 23-1480 22-1/2 Degree Grooved Elbows *(23 21 13 23-1441)*

Note: Victaulic No. 12

23 21 13 23-1481	EA	1" 22-1/2 Degree Elbow, Ductile Iron, Grooved	84.64	9.76
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1482	EA	1-1/4" 22-1/2 Degree Elbow, Ductile Iron, Grooved	88.30	12.18
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1483	EA	1-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	92.18	14.78
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1484	EA	2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	99.28	19.52
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1485	EA	2-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	105.66	23.82
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1486	EA	3" 22-1/2 Degree Elbow, Ductile Iron, Grooved	145.61	28.83
		For Galvanized Fittings, Add	*24.58*	
23 21 13 23-1487	EA	4" 22-1/2 Degree Elbow, Ductile Iron, Grooved	194.33	38.06
		For Galvanized Fittings, Add	*32.95*	
23 21 13 23-1488	EA	5" 22-1/2 Degree Elbow, Steel, Grooved	497.08	47.55
		For Galvanized Fittings, Add	*102.19*	
23 21 13 23-1489	EA	6" 22-1/2 Degree Elbow, Ductile Iron, Grooved	482.24	62.24
		For Galvanized Fittings, Add	*93.35*	
23 21 13 23-1490	EA	8" 22-1/2 Degree Elbow, Ductile Iron, Grooved	924.89	74.06
		For Galvanized Fittings, Add	*195.32*	
23 21 13 23-1491	EA	10" 22-1/2 Degree Elbow, Steel, Grooved	1,246.86	86.42
		For Galvanized Fittings, Add	*268.15*	
23 21 13 23-1492	EA	12" 22-1/2 Degree Elbow, Steel, Grooved	1,665.96	103.70
		For Galvanized Fittings, Add	*362.52*	
23 21 13 23-1493	EA	14" 22-1/2 Degree Elbow, Steel, Grooved	1,920.17	117.05
		For Galvanized Fittings, Add	*418.72*	
23 21 13 23-1494	EA	16" 22-1/2 Degree Elbow, Steel, Grooved	2,286.80	129.58
		For Galvanized Fittings, Add	*502.20*	
23 21 13 23-1495	EA	18" 22-1/2 Degree Elbow, Steel, Grooved	2,746.38	141.58
		For Galvanized Fittings, Add	*608.20*	
23 21 13 23-1496	EA	20" 22-1/2 Degree Elbow, Steel, Grooved	3,216.83	147.22
		For Galvanized Fittings, Add	*719.05*	
23 21 13 23-1497	EA	24" 22-1/2 Degree Elbow, Steel, Grooved	4,286.96	174.09
		For Galvanized Fittings, Add	*966.25*	

23 21 13 23-1498 11-1/4 Degree Grooved Elbows *(23 21 13 23-1441)*

Note: Victaulic No. 13

23 21 13 23-1499	EA	1" 11-1/4 Degree Elbow, Ductile Iron, Grooved	84.64	9.76
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1500	EA	1-1/4" 11-1/4 Degree Elbow, Ductile Iron, Grooved	88.30	12.18
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1501	EA	1-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	92.18	14.78
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1502	EA	2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	99.28	19.52
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1503	EA	2-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	105.66	23.82
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1504	EA	3" 11-1/4 Degree Elbow, Ductile Iron, Grooved	145.60	28.83
		For Galvanized Fittings, Add	*24.57*	
23 21 13 23-1505	EA	4" 11-1/4 Degree Elbow, Ductile Iron, Grooved	194.32	38.06
		For Galvanized Fittings, Add	*32.95*	
23 21 13 23-1506	EA	5" 11-1/4 Degree Elbow, Steel, Grooved	497.06	47.55
		For Galvanized Fittings, Add	*102.18*	
23 21 13 23-1507	EA	6" 11-1/4 Degree Elbow, Ductile Iron, Grooved	482.23	62.24
		For Galvanized Fittings, Add	*93.35*	
23 21 13 23-1508	EA	8" 11-1/4 Degree Elbow, Ductile Iron, Grooved	924.84	74.06
		For Galvanized Fittings, Add	*195.31*	
23 21 13 23-1509	EA	10" 11-1/4 Degree Elbow, Steel, Grooved	1,246.80	86.42
		For Galvanized Fittings, Add	*268.14*	
23 21 13 23-1510	EA	12" 11-1/4 Degree Elbow, Steel, Grooved	1,665.88	103.70
		For Galvanized Fittings, Add	*362.50*	
23 21 13 23-1511	EA	14" 11-1/4 Degree Elbow, Steel, Grooved	1,920.09	117.05
		For Galvanized Fittings, Add	*418.69*	
23 21 13 23-1512	EA	16" 11-1/4 Degree Elbow, Steel, Grooved	2,286.71	129.67
		For Galvanized Fittings, Add	*502.17*	
23 21 13 23-1513	EA	18" 11-1/4 Degree Elbow, Steel, Grooved	2,746.22	141.58
		For Galvanized Fittings, Add	*608.16*	
23 21 13 23-1514	EA	20" 11-1/4 Degree Elbow, Steel, Grooved	3,216.66	147.22
		For Galvanized Fittings, Add	*719.01*	
23 21 13 23-1515	EA	24" 11-1/4 Degree Elbow, Steel, Grooved	4,286.74	174.09
		For Galvanized Fittings, Add	*966.19*	

23 21 13 23-1516 90 Degree Grooved Long Radius Elbows *(23 21 13 23-1441)*

Note: Victaulic No. 100

23 21 13 23-1517	EA	2" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	179.54	19.52
		For Galvanized Fittings, Add	*36.06*	
23 21 13 23-1518	EA	2-1/2" 90 Degree Long Radius Elbow, Steel, Grooved	471.68	23.82
		For Galvanized Fittings, Add	*104.65*	
23 21 13 23-1519	EA	3" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	193.48	28.83
		For Galvanized Fittings, Add	*36.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1520	EA	4" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	282.13	38.06
		For Galvanized Fittings, Add	*54.02*	
23 21 13 23-1521	EA	5" 90 Degree Long Radius Elbow, Steel Grooved	1,225.09	47.55
		For Galvanized Fittings, Add	*276.91*	
23 21 13 23-1522	EA	6" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	751.80	62.24
		For Galvanized Fittings, Add	*158.04*	
23 21 13 23-1523	EA	8" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	1,690.61	74.06
		For Galvanized Fittings, Add	*379.09*	
23 21 13 23-1524	EA	10" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	3,404.64	86.42
		For Galvanized Fittings, Add	*786.02*	
23 21 13 23-1525	EA	12" 90 Degree Long Radius Elbow, Ductile Iron, Grooved	4,061.01	103.70
		For Galvanized Fittings, Add	*937.33*	

23 21 13 23-1526 Grooved Tees, Wyes And Crosses *(23 21 13 23-1440)*

23 21 13 23-1527 Grooved Tees *(23 21 13 23-1526)*

Note: Victaulic No. 20

23 21 13 23-1528	EA	3/4" Tee, Ductile Iron, Grooved	119.70	12.81
		For Galvanized Fittings, Add	*30.13*	
23 21 13 23-1529	EA	1" Tee, Ductile Iron, Grooved	122.61	14.78
		For Galvanized Fittings, Add	*30.13*	
23 21 13 23-1530	EA	1-1/4" Tee, Ductile Iron, Grooved	127.53	18.09
		For Galvanized Fittings, Add	*30.13*	
23 21 13 23-1531	EA	1-1/2" Tee, Ductile Iron, Grooved	133.70	22.20
		For Galvanized Fittings, Add	*30.13*	
23 21 13 23-1532	EA	2" Tee, Ductile Iron, Grooved	143.48	28.74
		For Galvanized Fittings, Add	*30.13*	
23 21 13 23-1533	EA	2-1/2" Tee, Ductile Iron, Grooved	153.26	35.19
		For Galvanized Fittings, Add	*30.13*	
23 21 13 23-1534	EA	3" Tee, Ductile Iron, Grooved	205.52	43.25
		For Galvanized Fittings, Add	*42.21*	
23 21 13 23-1535	EA	4" Tee, Ductile Iron, Grooved	299.70	55.97
		For Galvanized Fittings, Add	*64.75*	
23 21 13 23-1536	EA	5" Tee, Ductile Iron, Grooved	616.04	73.16
		For Galvanized Fittings, Add	*151.91*	
23 21 13 23-1537	EA	6" Tee, Ductile Iron, Grooved	722.39	91.52
		For Galvanized Fittings, Add	*175.56*	
23 21 13 23-1538	EA	8" Tee, Ductile Iron, Grooved	1,444.90	111.13
		For Galvanized Fittings, Add	*383.50*	
23 21 13 23-1539	EA	10" Tee, Ductile Iron, Grooved	2,477.06	129.58
		For Galvanized Fittings, Add	*684.82*	
23 21 13 23-1540	EA	12" Tee, Ductile Iron, Grooved	3,429.01	155.55
		For Galvanized Fittings, Add	*958.74*	
23 21 13 23-1541	EA	14" Tee, Steel, Grooved	3,745.45	172.83
		For Galvanized Fittings, Add	*1,045.90*	
23 21 13 23-1542	EA	16" Tee, Steel, Grooved	4,701.51	173.82
		For Galvanized Fittings, Add	*1,332.28*	
23 21 13 23-1543	EA	18" Tee, Steel, Grooved	5,848.95	191.73
		For Galvanized Fittings, Add	*1,668.46*	
23 21 13 23-1544	EA	20" Tee, Steel, Grooved	8,260.72	194.78
		For Galvanized Fittings, Add	*2,390.63*	
23 21 13 23-1545	EA	24" Tee, Steel, Grooved	12,602.43	239.28
		For Galvanized Fittings, Add	*3,673.10*	

23 21 13 23-1546 Grooved Wyes (90 Degree True Wye) *(23 21 13 23-1526)*

Note: Victaulic No. 33

23 21 13 23-1547	EA	1" Wye, Steel, Grooved	445.95	14.78
		For Galvanized Fittings, Add	*67.80*	
23 21 13 23-1548	EA	1-1/4" Wye, Steel, Grooved	450.87	18.09
		For Galvanized Fittings, Add	*67.80*	
23 21 13 23-1549	EA	1-1/2" Wye, Steel, Grooved	457.04	22.20
		For Galvanized Fittings, Add	*67.80*	
23 21 13 23-1550	EA	2" Wye, Steel, Grooved	466.82	28.74
		For Galvanized Fittings, Add	*67.80*	
23 21 13 23-1551	EA	2-1/2" Wye, Steel, Grooved	476.60	35.19
		For Galvanized Fittings, Add	*67.80*	
23 21 13 23-1552	EA	3" Wye, Steel, Grooved	571.39	43.25
		For Galvanized Fittings, Add	*81.05*	
23 21 13 23-1553	EA	4" Wye, Steel, Grooved	747.39	55.97
		For Galvanized Fittings, Add	*106.16*	
23 21 13 23-1554	EA	5" Wye, Steel, Grooved	1,060.74	73.16
		For Galvanized Fittings, Add	*152.17*	
23 21 13 23-1555	EA	6" Wye, Steel, Grooved	1,313.90	91.52
		For Galvanized Fittings, Add	*188.28*	
23 21 13 23-1556	EA	8" Wye, Steel, Grooved	1,861.38	111.13
		For Galvanized Fittings, Add	*271.17*	
23 21 13 23-1557	EA	10" Wye, Steel, Grooved	3,119.54	129.58
		For Galvanized Fittings, Add	*468.03*	
23 21 13 23-1558	EA	12" Wye, Steel, Grooved	3,464.87	155.55
		For Galvanized Fittings, Add	*517.07*	
23 21 13 23-1559	EA	14" Wye, Steel, Grooved	3,949.32	172.83
		For Galvanized Fittings, Add	*590.43*	
23 21 13 23-1560	EA	16" Wye, Steel, Grooved	5,053.42	173.64
		For Galvanized Fittings, Add	*766.90*	
23 21 13 23-1561	EA	18" Wye, Steel, Grooved	5,770.50	191.91
		For Galvanized Fittings, Add	*877.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1562	EA	20" Wye, Steel, Grooved	8,243.33	194.41
		For Galvanized Fittings, Add	*1,272.29*	
23 21 13 23-1563	EA	24" Wye, Steel, Grooved	12,721.63	239.28
		For Galvanized Fittings, Add	*1,978.06*	

23 21 13 23-1564 Grooved Crosses *(23 21 13 23-1526)*

Note: Victaulic No. 35

23 21 13 23-1565	EA	3/4" Cross, Steel, Grooved	303.25	19.26
		For Galvanized Fittings, Add	*41.16*	
23 21 13 23-1566	EA	1" Cross, Steel, Grooved	307.63	22.20
		For Galvanized Fittings, Add	*41.16*	
23 21 13 23-1567	EA	1-1/4" Cross, Steel, Grooved	371.80	27.13
		For Galvanized Fittings, Add	*49.67*	
23 21 13 23-1568	EA	1-1/2" Cross, Steel, Grooved	406.70	33.31
		For Galvanized Fittings, Add	*53.52*	
23 21 13 23-1569	EA	2" Cross, Steel, Grooved	266.21	43.07
		For Galvanized Fittings, Add	*30.25*	
23 21 13 23-1570	EA	2-1/2" Cross, Steel, Grooved	280.87	52.84
		For Galvanized Fittings, Add	*30.25*	
23 21 13 23-1571	EA	3" Cross, Steel, Grooved	459.59	64.83
		For Galvanized Fittings, Add	*54.35*	
23 21 13 23-1572	EA	4" Cross, Steel, Grooved	729.01	83.91
		For Galvanized Fittings, Add	*90.48*	
23 21 13 23-1573	EA	5" Cross, Steel, Grooved	1,396.81	109.70
		For Galvanized Fittings, Add	*184.84*	
23 21 13 23-1574	EA	6" Cross, Steel, Grooved	1,791.22	137.28
		For Galvanized Fittings, Add	*237.82*	
23 21 13 23-1575	EA	8" Cross, Steel, Grooved	2,337.91	166.66
		For Galvanized Fittings, Add	*313.21*	
23 21 13 23-1576	EA	10" Cross, Steel, Grooved	3,852.77	194.41
		For Galvanized Fittings, Add	*534.19*	
23 21 13 23-1577	EA	12" Cross, Steel, Grooved	5,488.99	233.37
		For Galvanized Fittings, Add	*770.88*	
23 21 13 23-1578	EA	14" Cross, Steel, Grooved	5,713.14	259.25
		For Galvanized Fittings, Add	*798.67*	
23 21 13 23-1579	EA	16" Cross, Steel, Grooved	7,356.17	260.77
		For Galvanized Fittings, Add	*1,044.79*	
23 21 13 23-1580	EA	18" Cross, Steel, Grooved	8,968.86	287.55
		For Galvanized Fittings, Add	*1,280.66*	
23 21 13 23-1581	EA	20" Cross, Steel, Grooved	12,533.44	292.02
		For Galvanized Fittings, Add	*1,814.34*	
23 21 13 23-1582	EA	24" Cross, Steel, Grooved	19,211.07	358.93
		For Galvanized Fittings, Add	*2,800.94*	

23 21 13 23-1583 Grooved Reducing Tees *(23 21 13 23-1526)*

Note: Victaulic No. 25

23 21 13 23-1584	EA	1" Reducing Tee, Steel, Grooved	215.97	14.78
		For Galvanized Fittings, Add	*38.76*	
23 21 13 23-1585	EA	1-1/4" Reducing Tee, Steel, Grooved	226.97	18.09
		For Galvanized Fittings, Add	*39.98*	
23 21 13 23-1586	EA	1-1/2" Reducing Tee, Steel, Grooved	238.12	22.20
		For Galvanized Fittings, Add	*40.97*	
23 21 13 23-1587	EA	2" Reducing Tee, Steel, Grooved	282.88	28.74
		For Galvanized Fittings, Add	*47.97*	
23 21 13 23-1588	EA	2-1/2" Reducing Tee, Steel, Grooved	317.34	35.19
		For Galvanized Fittings, Add	*52.90*	
23 21 13 23-1589	EA	3" Reducing Tee, Steel, Grooved	354.35	43.25
		For Galvanized Fittings, Add	*57.91*	
23 21 13 23-1590	EA	4" Reducing Tee, Steel, Grooved	474.35	55.97
		For Galvanized Fittings, Add	*78.09*	
23 21 13 23-1591	EA	5" Reducing Tee, Steel, Grooved	625.28	73.16
		For Galvanized Fittings, Add	*103.12*	
23 21 13 23-1592	EA	6" Reducing Tee, Steel, Grooved	862.48	91.52
		For Galvanized Fittings, Add	*145.06*	
23 21 13 23-1593	EA	8" Reducing Tee, Steel, Grooved	1,363.33	111.13
		For Galvanized Fittings, Add	*239.35*	
23 21 13 23-1594	EA	10" Reducing Tee, Steel, Grooved	1,958.60	129.58
		For Galvanized Fittings, Add	*352.85*	
23 21 13 23-1595	EA	12" Reducing Tee, Steel, Grooved	2,835.78	155.55
		For Galvanized Fittings, Add	*520.51*	
23 21 13 23-1596	EA	14" Reducing Tee, Steel, Grooved	3,215.09	172.83
		For Galvanized Fittings, Add	*591.19*	
23 21 13 23-1597	EA	16" Reducing Tee, Steel, Grooved	4,100.34	173.82
		For Galvanized Fittings, Add	*767.94*	
23 21 13 23-1598	EA	18" Reducing Tee, Steel, Grooved	4,988.18	191.73
		For Galvanized Fittings, Add	*940.16*	
23 21 13 23-1599	EA	20" Reducing Tee, Steel, Grooved	7,014.86	194.68
		For Galvanized Fittings, Add	*1,344.59*	
23 21 13 23-1600	EA	24" Reducing Tee, Steel, Grooved	11,188.09	239.28
		For Galvanized Fittings, Add	*2,165.86*	

23 21 13 23-1601 Grooved 45 Degree Lateral Wyes *(23 21 13 23-1526)*

Note: Victaulic No. 30

23 21 13 23-1602	EA	3/4" 45 Degree Lateral Wye, Steel, Grooved	420.59	12.81
		For Galvanized Fittings, Add	*72.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1603	EA	1" 45 Degree Lateral Wye, Steel, Grooved	423.50	14.78
		For Galvanized Fittings, Add	*72.24*	
23 21 13 23-1604	EA	1-1/4" 45 Degree Lateral Wye, Steel, Grooved	428.42	18.09
		For Galvanized Fittings, Add	*72.24*	
23 21 13 23-1605	EA	1-1/2" 45 Degree Lateral Wye, Steel, Grooved	434.59	22.20
		For Galvanized Fittings, Add	*72.24*	
23 21 13 23-1606	EA	2" 45 Degree Lateral Wye, Steel, Grooved	444.37	28.74
		For Galvanized Fittings, Add	*72.24*	
23 21 13 23-1607	EA	2-1/2" Wye, 45 Degree Lateral, Steel, Grooved	454.15	35.19
		For Galvanized Fittings, Add	*72.24*	
23 21 13 23-1608	EA	3" Wye, 45 Degree Lateral, Steel, Grooved	411.53	43.25
		For Galvanized Fittings, Add	*62.41*	
23 21 13 23-1609	EA	3-1/2" Wye, 45 Degree Lateral, Steel, Grooved	662.12	49.88
		For Galvanized Fittings, Add	*105.73*	
23 21 13 23-1610	EA	4" 45 Degree Lateral Wye, Steel, Grooved	767.64	55.97
		For Galvanized Fittings, Add	*123.08*	
23 21 13 23-1611	EA	5" 45 Degree Lateral Wye, Steel, Grooved	1,108.98	73.16
		For Galvanized Fittings, Add	*179.87*	
23 21 13 23-1612	EA	6" 45 Degree Lateral Wye, Steel, Grooved	1,747.21	91.52
		For Galvanized Fittings, Add	*289.81*	
23 21 13 23-1613	EA	8" 45 Degree Lateral Wye, Steel, Grooved	2,485.62	111.13
		For Galvanized Fittings, Add	*417.43*	
23 21 13 23-1614	EA	10" 45 Degree Lateral Wye, Steel, Grooved	3,467.61	129.58
		For Galvanized Fittings, Add	*589.19*	
23 21 13 23-1615	EA	12" 45 Degree Lateral Wye, Steel, Grooved	4,190.75	155.55
		For Galvanized Fittings, Add	*712.36*	
23 21 13 23-1616	EA	14" 45 Degree Lateral Wye, Steel, Grooved	6,035.40	172.83
		For Galvanized Fittings, Add	*1,039.73*	
23 21 13 23-1617	EA	16" 45 Degree Lateral Wye, Steel, Grooved	7,476.75	173.82
		For Galvanized Fittings, Add	*1,298.90*	
23 21 13 23-1618	EA	18" 45 Degree Lateral Wye, Steel, Grooved	8,354.15	191.73
		For Galvanized Fittings, Add	*1,452.02*	
23 21 13 23-1619	EA	20" 45 Degree Lateral Wye, Steel, Grooved	12,527.81	194.68
		For Galvanized Fittings, Add	*2,202.47*	
23 21 13 23-1620	EA	24" 45 Degree Lateral Wye, Steel, Grooved	19,372.48	239.28
		For Galvanized Fittings, Add	*3,422.47*	

23 21 13 23-1621 Grooved 45 Degree Lateral Reducing Wyes *(23 21 13 23-1526)*

Note: Victaulic No. 30R

23 21 13 23-1622	EA	3" 45 Degree Lateral Reducing Wye, Steel, Grooved	411.53	43.25
		For Galvanized Fittings, Add	*45.07*	
23 21 13 23-1623	EA	4" 45 Degree Lateral Reducing Wye, Steel, Grooved	767.64	55.97
		For Galvanized Fittings, Add	*88.89*	
23 21 13 23-1624	EA	5" 45 Degree Lateral Reducing Wye, Steel, Grooved	1,108.98	73.16
		For Galvanized Fittings, Add	*129.91*	
23 21 13 23-1625	EA	6" 45 Degree Lateral Reducing Wye, Steel, Grooved	1,428.26	91.52
		For Galvanized Fittings, Add	*167.84*	
23 21 13 23-1626	EA	8" 45 Degree Lateral Reducing Wye, Steel, Grooved	2,030.38	111.13
		For Galvanized Fittings, Add	*242.29*	
23 21 13 23-1627	EA	10" 45 Degree Lateral Reducing Wye, Steel, Grooved	2,476.97	129.58
		For Galvanized Fittings, Add	*296.74*	
23 21 13 23-1628	EA	12" 45 Degree Lateral Reducing Wye, Steel, Grooved	3,007.17	155.55
		For Galvanized Fittings, Add	*360.61*	
23 21 13 23-1629	EA	14" 45 Degree Lateral Reducing Wye, Steel, Grooved	3,366.65	172.83
		For Galvanized Fittings, Add	*403.98*	
23 21 13 23-1630	EA	16" 45 Degree Lateral Reducing Wye, Steel, Grooved	4,277.38	173.82
		For Galvanized Fittings, Add	*522.18*	
23 21 13 23-1631	EA	18" 45 Degree Lateral Reducing Wye, Steel, Grooved	6,455.14	191.73
		For Galvanized Fittings, Add	*801.81*	
23 21 13 23-1632	EA	20" 45 Degree Lateral Reducing Wye, Steel, Grooved	9,319.86	194.68
		For Galvanized Fittings, Add	*1,173.64*	
23 21 13 23-1633	EA	24" 45 Degree Lateral Reducing Wye, Steel, Grooved	14,975.39	239.28
		For Galvanized Fittings, Add	*1,900.16*	

23 21 13 23-1634 Mechanical-T Outlet *(23 21 13 23-1526)*

Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.

23 21 13 23-1635	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	131.22	32.23
		For Galvanized Fittings, Add	*16.55*	
23 21 13 23-1636	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	131.22	32.23
		For Galvanized Fittings, Add	*16.55*	
23 21 13 23-1637	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	141.64	32.23
		For Galvanized Fittings, Add	*19.14*	
23 21 13 23-1638	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	141.64	32.23
23 21 13 23-1639	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	139.28	36.27
23 21 13 23-1640	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	139.28	36.27
23 21 13 23-1641	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	166.79	36.27
23 21 13 23-1642	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	157.45	40.30
23 21 13 23-1643	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet	157.45	40.30
23 21 13 23-1644	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	179.60	40.30
23 21 13 23-1645	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	179.60	40.30
23 21 13 23-1646	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet	194.77	40.30
23 21 13 23-1647	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	205.45	53.73
23 21 13 23-1648	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet	205.45	53.73
23 21 13 23-1649	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	222.74	53.73
23 21 13 23-1650	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	227.60	53.73
23 21 13 23-1651	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	227.60	53.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1652	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	232.45	53.73
23 21 13 23-1653	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	241.75	53.73
23 21 13 23-1654	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	295.30	73.88
23 21 13 23-1655	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	295.30	73.88
23 21 13 23-1656	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	303.69	73.88
23 21 13 23-1657	EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	314.21	73.88
23 21 13 23-1658	EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	339.03	94.03
23 21 13 23-1659	EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	339.03	94.03
23 21 13 23-1660	EA	6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	351.37	94.03
23 21 13 23-1661	EA	6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	361.78	94.03
23 21 13 23-1662	EA	6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	380.29	94.03
23 21 13 23-1663	EA	8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	516.12	124.48
23 21 13 23-1664	EA	8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	516.12	124.48
23 21 13 23-1665	EA	8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	530.98	124.48
23 21 13 23-1666	EA	8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	539.78	124.48

23 21 13 23-1667 Installation-Ready™ Grooved Fittings *(23 21 13 23-1440)*

23 21 13 23-1668 Installation-Ready™ 90 Degree Grooved Elbows *(23 21 13 23-1667)*

Note: Victaulic No. 101

23 21 13 23-1669	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	154.41	8.86
		For Galvanized Fittings, Add	*46.52*	
		For Galvanized Fittings, Add	*36.09*	
23 21 13 23-1670	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	161.25	10.63
		For Galvanized Fittings, Add	*47.89*	
		For Galvanized Fittings, Add	*37.15*	
23 21 13 23-1671	EA	2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	167.65	14.19
		For Galvanized Fittings, Add	*48.23*	
		For Galvanized Fittings, Add	*37.42*	
23 21 13 23-1672	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	203.09	17.73
		For Galvanized Fittings, Add	*58.16*	
		For Galvanized Fittings, Add	*45.11*	

23 21 13 23-1673 Installation-Ready™ 45 Degree Grooved Elbows *(23 21 13 23-1667)*

Note: Victaulic No. 103

23 21 13 23-1674	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	154.41	8.86
		For Galvanized Fittings, Add	*33.84*	
		For Galvanized Fittings, Add	*36.09*	
23 21 13 23-1675	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	161.25	10.63
		For Galvanized Fittings, Add	*34.83*	
		For Galvanized Fittings, Add	*37.15*	
23 21 13 23-1676	EA	2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	167.65	14.19
		For Galvanized Fittings, Add	*35.08*	
		For Galvanized Fittings, Add	*37.42*	
23 21 13 23-1677	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	203.09	17.73
		For Galvanized Fittings, Add	*42.30*	
		For Galvanized Fittings, Add	*45.11*	

23 21 13 23-1678 Installation-Ready™ Grooved Tees *(23 21 13 23-1667)*

Note: Victaulic No. 102

23 21 13 23-1679	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	235.60	11.82
		For Galvanized Fittings, Add	*65.31*	
		For Galvanized Fittings, Add	*55.73*	
23 21 13 23-1680	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	246.44	14.19
		For Galvanized Fittings, Add	*67.49*	
		For Galvanized Fittings, Add	*57.59*	
23 21 13 23-1681	EA	2" Ductile Iron, Grooved, Installation-Ready™ Tee	256.71	18.91
		For Galvanized Fittings, Add	*68.42*	
		For Galvanized Fittings, Add	*58.38*	
23 21 13 23-1682	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	299.12	23.64
		For Galvanized Fittings, Add	*78.99*	
		For Galvanized Fittings, Add	*67.40*	

23 21 13 23-1683 Grooved Fittings *(23 21 13 23-1440)*

23 21 13 23-1684 Flanged Adapter Nipple, Grooved *(23 21 13 23-1683)*

Note: Victaulic No. 41 and 45

23 21 13 23-1685	EA	1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	298.56	10.74
		For Galvanized Fittings, Add	*50.84*	
		For 300 LB Rating, Add	*42.37*	
23 21 13 23-1686	EA	1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	300.35	11.91
		For Galvanized Fittings, Add	*50.84*	
		For 300 LB Rating, Add	*42.37*	
23 21 13 23-1687	EA	1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	304.83	14.95
		For Galvanized Fittings, Add	*50.84*	
		For 300 LB Rating, Add	*42.37*	
23 21 13 23-1688	EA	2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	314.25	21.23
		For Galvanized Fittings, Add	*50.84*	
		For 300 LB Rating, Add	*42.37*	
23 21 13 23-1689	EA	2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	320.98	25.71
		For Galvanized Fittings, Add	*50.84*	
		For 300 LB Rating, Add	*42.37*	
23 21 13 23-1690	EA	3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	407.39	30.72
		For Galvanized Fittings, Add	*65.05*	
		For 300 LB Rating, Add	*54.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1691	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	492.99	41.37
		For Galvanized Fittings, Add	*77.58*	
		For 300 LB Rating, Add	*64.65*	
23 21 13 23-1692	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	690.92	50.06
		For Galvanized Fittings, Add	*110.86*	
		For 300 LB Rating, Add	*92.38*	
23 21 13 23-1693	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	804.06	67.61
		For Galvanized Fittings, Add	*126.48*	
		For 300 LB Rating, Add	*105.40*	
23 21 13 23-1694	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,107.10	91.52
		For Galvanized Fittings, Add	*174.59*	
		For 300 LB Rating, Add	*145.49*	
23 21 13 23-1695	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,749.35	111.13
		For Galvanized Fittings, Add	*284.90*	
		For 300 LB Rating, Add	*237.42*	
23 21 13 23-1696	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,358.48	129.58
		For Galvanized Fittings, Add	*389.55*	
		For 300 LB Rating, Add	*324.62*	
23 21 13 23-1697	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,785.32	155.55
		For Galvanized Fittings, Add	*459.38*	
		For 300 LB Rating, Add	*382.82*	
23 21 13 23-1698	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	4,189.42	172.83
		For Galvanized Fittings, Add	*707.45*	
		For 300 LB Rating, Add	*589.55*	
23 21 13 23-1699	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	5,005.14	259.25
		For Galvanized Fittings, Add	*830.96*	
		For 300 LB Rating, Add	*692.47*	
23 21 13 23-1700	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	5,278.26	311.10
		For Galvanized Fittings, Add	*866.13*	
		For 300 LB Rating, Add	*721.78*	
23 21 13 23-1701	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	8,819.27	345.67
		For Galvanized Fittings, Add	*1,494.19*	
		For 300 LB Rating, Add	*1,245.15*	

23 21 13 23-1702 Grooved Concentric Reducers *(23 21 13 23-1683)*

Note: Victaulic No. 50

23 21 13 23-1703	EA	1-1/4" x 3/4" Concentric Reducer, Grooved	317.37	10.74
		For Galvanized Fittings, Add	*13.26*	
23 21 13 23-1704	EA	1-1/4" x 1" Concentric Reducer, Grooved	331.83	11.37
		For Galvanized Fittings, Add	*13.85*	
23 21 13 23-1705	EA	1-1/2" x 3/4" Concentric Reducer, Grooved	373.92	12.26
		For Galvanized Fittings, Add	*42.74*	
23 21 13 23-1706	EA	1-1/2" x 1" Concentric Reducer, Grooved	95.40	12.81
		For Galvanized Fittings, Add	*9.15*	
23 21 13 23-1707	EA	1-1/2" x 1-1/4" Concentric Reducer, Grooved	314.86	13.43
		For Galvanized Fittings, Add	*35.42*	
23 21 13 23-1708	EA	2" x 3/4" Concentric Reducer, Grooved	98.08	14.60
		For Galvanized Fittings, Add	*9.15*	
23 21 13 23-1709	EA	2" x 1" Concentric Reducer, Grooved	98.98	15.22
		For Galvanized Fittings, Add	*9.15*	
23 21 13 23-1710	EA	2" x 1-1/4" Concentric Reducer, Grooved	107.52	15.85
		For Galvanized Fittings, Add	*10.07*	
23 21 13 23-1711	EA	2" x 1-1/2" Concentric Reducer, Grooved	102.61	17.65
		For Galvanized Fittings, Add	*9.15*	
23 21 13 23-1712	EA	2-1/2" x 3/4" Concentric Reducer, Grooved	644.40	16.48
		For Galvanized Fittings, Add	*74.49*	
23 21 13 23-1713	EA	2-1/2" x 1" Concentric Reducer, Grooved	511.70	17.10
		For Galvanized Fittings, Add	*58.43*	
23 21 13 23-1714	EA	2-1/2" x 1-1/4" Concentric Reducer, Grooved	466.52	17.65
		For Galvanized Fittings, Add	*52.89*	
23 21 13 23-1715	EA	2-1/2" x 1-1/2" Concentric Reducer, Grooved	105.25	19.44
		For Galvanized Fittings, Add	*9.15*	
23 21 13 23-1716	EA	2-1/2" x 2" Concentric Reducer, Grooved	108.83	21.76
		For Galvanized Fittings, Add	*9.15*	
23 21 13 23-1717	EA	3" x 3/4" Concentric Reducer, Grooved	652.41	19.17
		For Galvanized Fittings, Add	*94.81*	
23 21 13 23-1718	EA	3" x 1" Concentric Reducer, Grooved	113.60	19.70
		For Galvanized Fittings, Add	*12.78*	
23 21 13 23-1719	EA	3" x 1-1/4" Concentric Reducer, Grooved	513.51	20.33
		For Galvanized Fittings, Add	*73.43*	
23 21 13 23-1720	EA	3" x 1-1/2" Concentric Reducer, Grooved	481.59	21.76
		For Galvanized Fittings, Add	*68.23*	
23 21 13 23-1721	EA	3" x 2" Concentric Reducer, Grooved	103.06	24.18
		For Galvanized Fittings, Add	*10.15*	
23 21 13 23-1722	EA	3" x 2-1/2" Concentric Reducer, Grooved	135.24	28.83
		For Galvanized Fittings, Add	*13.99*	
23 21 13 23-1723	EA	3-1/2" x 3" Concentric Reducer, Grooved	144.63	31.08
		For Galvanized Fittings, Add	*14.91*	
23 21 13 23-1724	EA	4" x 1" Concentric Reducer, Grooved	137.81	24.45
		For Galvanized Fittings, Add	*17.34*	
23 21 13 23-1725	EA	4" x 1-1/4" Concentric Reducer, Grooved	836.75	25.07
		For Galvanized Fittings, Add	*137.05*	
23 21 13 23-1726	EA	4" x 1-1/2" Concentric Reducer, Grooved	650.80	26.60
		For Galvanized Fittings, Add	*104.78*	
23 21 13 23-1727	EA	4" x 2" Concentric Reducer, Grooved	132.36	29.02
		For Galvanized Fittings, Add	*15.25*	
23 21 13 23-1728	EA	4" x 2-1/2" Concentric Reducer, Grooved	158.02	31.08
		For Galvanized Fittings, Add	*19.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1729	EA	4" x 3" Concentric Reducer, Grooved	161.60	33.49
		For Galvanized Fittings, Add	*19.11*	
23 21 13 23-1730	EA	4" x 3-1/2" Concentric Reducer, Grooved	165.19	35.82
		For Galvanized Fittings, Add	*19.11*	
23 21 13 23-1731	EA	5" x 2" Concentric Reducer, Grooved	1,175.23	33.76
		For Galvanized Fittings, Add	*192.87*	
23 21 13 23-1732	EA	5" x 2-1/2" Concentric Reducer, Grooved	926.30	35.82
		For Galvanized Fittings, Add	*149.64*	
23 21 13 23-1733	EA	5" x 3" Concentric Reducer, Grooved	187.78	38.24
		For Galvanized Fittings, Add	*22.37*	
23 21 13 23-1734	EA	5" x 4" Concentric Reducer, Grooved	220.28	42.99
		For Galvanized Fittings, Add	*26.72*	
23 21 13 23-1735	EA	6" x 1" Concentric Reducer, Grooved	261.83	36.45
		For Galvanized Fittings, Add	*38.66*	
23 21 13 23-1736	EA	6" x 1-1/2" Concentric Reducer, Grooved	1,240.21	38.50
		For Galvanized Fittings, Add	*220.65*	
23 21 13 23-1737	EA	6" x 2" Concentric Reducer, Grooved	268.54	40.93
		For Galvanized Fittings, Add	*38.66*	
23 21 13 23-1738	EA	6" x 2-1/2" Concentric Reducer, Grooved	1,253.67	42.99
		For Galvanized Fittings, Add	*221.90*	
23 21 13 23-1739	EA	6" x 3" Concentric Reducer, Grooved	275.27	45.40
		For Galvanized Fittings, Add	*38.66*	
23 21 13 23-1740	EA	6" x 4" Concentric Reducer, Grooved	255.67	50.15
		For Galvanized Fittings, Add	*33.67*	
23 21 13 23-1741	EA	6" x 5" Concentric Reducer, Grooved	349.35	54.98
		For Galvanized Fittings, Add	*49.81*	
23 21 13 23-1742	EA	8" x 3" Concentric Reducer, Grooved	447.26	51.40
		For Galvanized Fittings, Add	*69.09*	
23 21 13 23-1743	EA	8" x 4" Concentric Reducer, Grooved	454.42	56.15
		For Galvanized Fittings, Add	*69.09*	
23 21 13 23-1744	EA	8" x 5" Concentric Reducer, Grooved	461.59	60.90
		For Galvanized Fittings, Add	*69.09*	
23 21 13 23-1745	EA	8" x 6" Concentric Reducer, Grooved	574.23	68.06
		For Galvanized Fittings, Add	*88.10*	
23 21 13 23-1746	EA	10" x 4" Concentric Reducer, Grooved	975.10	62.42
		For Galvanized Fittings, Add	*164.49*	
23 21 13 23-1747	EA	10" x 5" Concentric Reducer, Grooved	2,043.92	67.17
		For Galvanized Fittings, Add	*362.59*	
23 21 13 23-1748	EA	10" x 6" Concentric Reducer, Grooved	1,075.48	74.33
		For Galvanized Fittings, Add	*179.88*	
23 21 13 23-1749	EA	10" x 8" Concentric Reducer, Grooved	1,084.42	80.32
		For Galvanized Fittings, Add	*179.88*	
23 21 13 23-1750	EA	12" x 4" Concentric Reducer, Grooved	3,024.67	71.10
		For Galvanized Fittings, Add	*437.72*	
23 21 13 23-1751	EA	12" x 6" Concentric Reducer, Grooved	1,274.21	83.01
		For Galvanized Fittings, Add	*172.46*	
23 21 13 23-1752	EA	12" x 8" Concentric Reducer, Grooved	1,860.53	89.02
		For Galvanized Fittings, Add	*259.07*	
23 21 13 23-1753	EA	12" x 10" Concentric Reducer, Grooved	1,869.98	95.28
		For Galvanized Fittings, Add	*259.07*	
23 21 13 23-1754	EA	14" x 6" Concentric Reducer, Grooved	5,994.21	89.46
		For Galvanized Fittings, Add	*179.90*	
23 21 13 23-1755	EA	14" x 8" Concentric Reducer, Grooved	3,582.78	95.47
		For Galvanized Fittings, Add	*105.60*	
23 21 13 23-1756	EA	14" x 10" Concentric Reducer, Grooved	3,056.74	101.73
		For Galvanized Fittings, Add	*89.16*	
23 21 13 23-1757	EA	14" x 12" Concentric Reducer, Grooved	3,069.70	110.33
		For Galvanized Fittings, Add	*89.16*	
23 21 13 23-1758	EA	16" x 8" Concentric Reducer, Grooved	5,452.33	101.82
		For Galvanized Fittings, Add	*162.70*	
23 21 13 23-1759	EA	16" x 10" Concentric Reducer, Grooved	5,061.92	108.09
		For Galvanized Fittings, Add	*150.42*	
23 21 13 23-1760	EA	16" x 12" Concentric Reducer, Grooved	4,682.98	116.77
		For Galvanized Fittings, Add	*138.39*	
23 21 13 23-1761	EA	16" x 14" Concentric Reducer, Grooved	4,692.64	123.22
		For Galvanized Fittings, Add	*138.39*	
23 21 13 23-1762	EA	18" x 10" Concentric Reducer, Grooved	7,089.93	114.09
		For Galvanized Fittings, Add	*212.41*	
23 21 13 23-1763	EA	18" x 12" Concentric Reducer, Grooved	6,422.42	122.69
		For Galvanized Fittings, Add	*191.52*	
23 21 13 23-1764	EA	18" x 14" Concentric Reducer, Grooved	5,841.30	129.13
		For Galvanized Fittings, Add	*173.38*	
23 21 13 23-1765	EA	18" x 16" Concentric Reducer, Grooved	5,850.97	135.67
		For Galvanized Fittings, Add	*173.38*	
23 21 13 23-1766	EA	20" x 10" Concentric Reducer, Grooved	7,802.36	117.05
		For Galvanized Fittings, Add	*234.15*	
23 21 13 23-1767	EA	20" x 12" Concentric Reducer, Grooved	6,690.94	125.73
		For Galvanized Fittings, Add	*199.63*	
23 21 13 23-1768	EA	20" x 14" Concentric Reducer, Grooved	6,700.62	132.18
		For Galvanized Fittings, Add	*199.63*	
23 21 13 23-1769	EA	20" x 16" Concentric Reducer, Grooved	5,976.52	138.54
		For Galvanized Fittings, Add	*177.10*	
23 21 13 23-1770	EA	20" x 18" Concentric Reducer, Grooved	6,368.49	144.53
		For Galvanized Fittings, Add	*188.86*	
23 21 13 23-1771	EA	24" x 10" Concentric Reducer, Grooved	17,190.70	130.21
		For Galvanized Fittings, Add	*521.76*	
23 21 13 23-1772	EA	24" x 12" Concentric Reducer, Grooved	16,793.29	138.90
		For Galvanized Fittings, Add	*509.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1773	EA	24" x 14" Concentric Reducer, Grooved	14,637.26	145.26
		For Galvanized Fittings, Add	*442.68*	
23 21 13 23-1774	EA	24" x 16" Concentric Reducer, Grooved	14,647.00	151.79
		For Galvanized Fittings, Add	*442.68*	
23 21 13 23-1775	EA	24" x 18" Concentric Reducer, Grooved	12,544.25	157.70
		For Galvanized Fittings, Add	*377.85*	
23 21 13 23-1776	EA	24" x 20" Concentric Reducer, Grooved	11,458.60	160.74
		For Galvanized Fittings, Add	*344.38*	

23 21 13 23-1777 Grooved Eccentric Reducers *(23 21 13 23-1683)*

Note: Victaulic No. 51

23 21 13 23-1778	EA	1-1/2" x 3/4" Eccentric Reducer, Grooved	386.19	12.26
		For Galvanized Fittings, Add	*44.21*	
23 21 13 23-1779	EA	1-1/2" x 1" Eccentric Reducer, Grooved	351.28	12.81
		For Galvanized Fittings, Add	*39.91*	
23 21 13 23-1780	EA	1-1/2" x 1-1/4" Eccentric Reducer, Grooved	344.93	13.43
		For Galvanized Fittings, Add	*39.04*	
23 21 13 23-1781	EA	2" x 3/4" Eccentric Reducer, Grooved	736.68	14.60
		For Galvanized Fittings, Add	*85.91*	
23 21 13 23-1782	EA	2" x 1" Eccentric Reducer, Grooved	389.47	15.22
		For Galvanized Fittings, Add	*44.07*	
23 21 13 23-1783	EA	2" x 1-1/4" Eccentric Reducer, Grooved	425.66	15.85
		For Galvanized Fittings, Add	*48.31*	
23 21 13 23-1784	EA	2" x 1-1/2" Eccentric Reducer, Grooved	362.92	17.65
		For Galvanized Fittings, Add	*40.44*	
23 21 13 23-1785	EA	2-1/2" x 3/4" Eccentric Reducer, Grooved	957.72	16.48
		For Galvanized Fittings, Add	*112.15*	
23 21 13 23-1786	EA	2-1/2" x 1" Eccentric Reducer, Grooved	894.82	17.10
		For Galvanized Fittings, Add	*104.48*	
23 21 13 23-1787	EA	2-1/2" x 1-1/4" Eccentric Reducer, Grooved	531.30	17.65
		For Galvanized Fittings, Add	*60.68*	
23 21 13 23-1788	EA	2-1/2" x 1-1/2" Eccentric Reducer, Grooved	429.13	19.44
		For Galvanized Fittings, Add	*48.08*	
23 21 13 23-1789	EA	2-1/2" x 2" Eccentric Reducer, Grooved	193.82	21.76
		For Galvanized Fittings, Add	*19.37*	
23 21 13 23-1790	EA	3" x 1" Eccentric Reducer, Grooved	961.91	19.70
		For Galvanized Fittings, Add	*112.07*	
23 21 13 23-1791	EA	3" x 1-1/4" Eccentric Reducer, Grooved	874.50	20.33
		For Galvanized Fittings, Add	*101.46*	
23 21 13 23-1792	EA	3" x 1-1/2" Eccentric Reducer, Grooved	495.37	21.76
		For Galvanized Fittings, Add	*55.61*	
23 21 13 23-1793	EA	3" x 2" Eccentric Reducer, Grooved	221.44	24.18
		For Galvanized Fittings, Add	*22.26*	
23 21 13 23-1794	EA	3" x 2-1/2" Eccentric Reducer, Grooved	228.38	28.83
		For Galvanized Fittings, Add	*22.26*	
23 21 13 23-1795	EA	3-1/2" x 3" Eccentric Reducer, Grooved	1,071.00	31.08
		For Galvanized Fittings, Add	*123.14*	
23 21 13 23-1796	EA	4" x 1" Eccentric Reducer, Grooved	1,926.67	24.45
		For Galvanized Fittings, Add	*324.13*	
23 21 13 23-1797	EA	4" x 1-1/2" Eccentric Reducer, Grooved	1,182.89	26.60
		For Galvanized Fittings, Add	*196.03*	
23 21 13 23-1798	EA	4" x 2" Eccentric Reducer, Grooved	269.85	29.02
		For Galvanized Fittings, Add	*38.83*	
23 21 13 23-1799	EA	4" x 2-1/2" Eccentric Reducer, Grooved	272.98	31.08
		For Galvanized Fittings, Add	*38.83*	
23 21 13 23-1800	EA	4" x 3" Eccentric Reducer, Grooved	276.56	33.49
		For Galvanized Fittings, Add	*38.83*	
23 21 13 23-1801	EA	5" x 2" Eccentric Reducer, Grooved	1,311.02	33.76
		For Galvanized Fittings, Add	*216.16*	
23 21 13 23-1802	EA	5" x 2-1/2" Eccentric Reducer, Grooved	1,127.56	35.82
		For Galvanized Fittings, Add	*184.16*	
23 21 13 23-1803	EA	5" x 3" Eccentric Reducer, Grooved	1,094.53	38.24
		For Galvanized Fittings, Add	*177.88*	
23 21 13 23-1804	EA	5" x 4" Eccentric Reducer, Grooved	372.87	42.99
		For Galvanized Fittings, Add	*52.89*	
23 21 13 23-1805	EA	6" x 1" Eccentric Reducer, Grooved	2,013.99	36.45
		For Galvanized Fittings, Add	*365.62*	
23 21 13 23-1806	EA	6" x 2" Eccentric Reducer, Grooved	1,848.20	40.93
		For Galvanized Fittings, Add	*333.43*	
23 21 13 23-1807	EA	6" x 2-1/2" Eccentric Reducer, Grooved	2,192.21	42.99
		For Galvanized Fittings, Add	*397.03*	
23 21 13 23-1808	EA	6" x 3" Eccentric Reducer, Grooved	478.65	45.40
		For Galvanized Fittings, Add	*76.61*	
23 21 13 23-1809	EA	6" x 4" Eccentric Reducer, Grooved	434.60	50.15
		For Galvanized Fittings, Add	*67.06*	
23 21 13 23-1810	EA	6" x 5" Eccentric Reducer, Grooved	513.50	54.98
		For Galvanized Fittings, Add	*80.44*	
23 21 13 23-1811	EA	8" x 3" Eccentric Reducer, Grooved	2,153.14	51.40
		For Galvanized Fittings, Add	*387.41*	
23 21 13 23-1812	EA	8" x 4" Eccentric Reducer, Grooved	1,898.59	56.15
		For Galvanized Fittings, Add	*338.57*	
23 21 13 23-1813	EA	8" x 5" Eccentric Reducer, Grooved	1,780.63	60.90
		For Galvanized Fittings, Add	*315.22*	
23 21 13 23-1814	EA	8" x 6" Eccentric Reducer, Grooved	830.81	68.06
		For Galvanized Fittings, Add	*135.98*	
23 21 13 23-1815	EA	10" x 4" Eccentric Reducer, Grooved	3,423.09	62.42
		For Galvanized Fittings, Add	*621.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1816	EA	10" x 5" Eccentric Reducer, Grooved	3,237.64	67.17
		For Galvanized Fittings, Add	*585.34*	
23 21 13 23-1817	EA	10" x 6" Eccentric Reducer, Grooved	2,477.00	74.33
		For Galvanized Fittings, Add	*441.40*	
23 21 13 23-1818	EA	10" x 8" Eccentric Reducer, Grooved	2,122.53	80.32
		For Galvanized Fittings, Add	*373.59*	
23 21 13 23-1819	EA	12" x 4" Eccentric Reducer, Grooved	3,492.08	71.10
		For Galvanized Fittings, Add	*510.87*	
23 21 13 23-1820	EA	12" x 6" Eccentric Reducer, Grooved	3,284.57	83.01
		For Galvanized Fittings, Add	*476.86*	
23 21 13 23-1821	EA	12" x 8" Eccentric Reducer, Grooved	3,212.67	89.02
		For Galvanized Fittings, Add	*464.66*	
23 21 13 23-1822	EA	12" x 10" Eccentric Reducer, Grooved	2,900.96	95.28
		For Galvanized Fittings, Add	*416.20*	
23 21 13 23-1823	EA	14" x 6" Eccentric Reducer, Grooved	8,107.66	89.46
		For Galvanized Fittings, Add	*244.79*	
23 21 13 23-1824	EA	14" x 8" Eccentric Reducer, Grooved	5,240.79	95.47
		For Galvanized Fittings, Add	*156.50*	
23 21 13 23-1825	EA	14" x 10" Eccentric Reducer, Grooved	5,005.14	101.73
		For Galvanized Fittings, Add	*148.98*	
23 21 13 23-1826	EA	14" x 12" Eccentric Reducer, Grooved	5,018.10	110.33
		For Galvanized Fittings, Add	*148.98*	
23 21 13 23-1827	EA	16" x 8" Eccentric Reducer, Grooved	8,958.45	101.82
		For Galvanized Fittings, Add	*270.34*	
23 21 13 23-1828	EA	16" x 10" Eccentric Reducer, Grooved	8,299.28	108.09
		For Galvanized Fittings, Add	*249.81*	
23 21 13 23-1829	EA	16" x 12" Eccentric Reducer, Grooved	7,821.07	116.77
		For Galvanized Fittings, Add	*234.73*	
23 21 13 23-1830	EA	16" x 14" Eccentric Reducer, Grooved	7,830.73	123.22
		For Galvanized Fittings, Add	*234.73*	
23 21 13 23-1831	EA	18" x 10" Eccentric Reducer, Grooved	11,238.38	114.09
		For Galvanized Fittings, Add	*339.77*	
23 21 13 23-1832	EA	18" x 12" Eccentric Reducer, Grooved	10,576.19	122.69
		For Galvanized Fittings, Add	*319.04*	
23 21 13 23-1833	EA	18" x 14" Eccentric Reducer, Grooved	9,635.50	129.13
		For Galvanized Fittings, Add	*289.86*	
23 21 13 23-1834	EA	18" x 16" Eccentric Reducer, Grooved	9,645.17	135.67
		For Galvanized Fittings, Add	*289.86*	
23 21 13 23-1835	EA	20" x 10" Eccentric Reducer, Grooved	14,759.58	117.05
		For Galvanized Fittings, Add	*447.73*	
23 21 13 23-1836	EA	20" x 12" Eccentric Reducer, Grooved	10,976.18	125.73
		For Galvanized Fittings, Add	*331.18*	
23 21 13 23-1837	EA	20" x 14" Eccentric Reducer, Grooved	10,311.45	132.18
		For Galvanized Fittings, Add	*310.48*	
23 21 13 23-1838	EA	20" x 16" Eccentric Reducer, Grooved	10,157.35	138.54
		For Galvanized Fittings, Add	*305.45*	
23 21 13 23-1839	EA	20" x 18" Eccentric Reducer, Grooved	9,785.19	144.53
		For Galvanized Fittings, Add	*293.75*	
23 21 13 23-1840	EA	24" x 12" Eccentric Reducer, Grooved	21,320.63	138.90
		For Galvanized Fittings, Add	*648.15*	
23 21 13 23-1841	EA	24" x 14" Eccentric Reducer, Grooved	18,211.57	145.26
		For Galvanized Fittings, Add	*552.41*	
23 21 13 23-1842	EA	24" x 16" Eccentric Reducer, Grooved	18,221.31	151.79
		For Galvanized Fittings, Add	*552.41*	
23 21 13 23-1843	EA	24" x 18" Eccentric Reducer, Grooved	17,208.78	157.70
		For Galvanized Fittings, Add	*521.05*	
23 21 13 23-1844	EA	24" x 20" Eccentric Reducer, Grooved	15,729.15	160.74
		For Galvanized Fittings, Add	*475.49*	

23 21 13 23-1845 Close Nipple, Grooved *(23 21 13 23-1683)*

Note: Victaulic No. 143

23 21 13 23-1846	EA	1-1/4" Ductile Iron, Grooved, Close Nipple	41.06	11.82
		For Galvanized Fittings, Add	*4.17*	
		For 300 LB Rating, Add	*3.47*	
		For Galvanized Fittings, Add	*5.93*	
23 21 13 23-1847	EA	1-1/2" Ductile Iron, Grooved, Close Nipple	47.61	14.78
		For Galvanized Fittings, Add	*4.54*	
		For 300 LB Rating, Add	*3.78*	
		For Galvanized Fittings, Add	*6.46*	
23 21 13 23-1848	EA	2" Ductile Iron, Grooved, Close Nipple	59.96	19.51
		For Galvanized Fittings, Add	*5.47*	
		For 300 LB Rating, Add	*4.56*	
		For Galvanized Fittings, Add	*7.78*	
23 21 13 23-1849	EA	2-1/2" Ductile Iron, Grooved, Close Nipple	71.76	23.64
		For Galvanized Fittings, Add	*6.47*	
		For 300 LB Rating, Add	*5.39*	
		For Galvanized Fittings, Add	*9.20*	

23 21 13 23-1850 Grooved Couplings *(23 21 13 23-1440)*

23 21 13 23-1851 Flexible Grooved Coupling *(23 21 13 23-1850)*

Note: Victaulic Style 77

23 21 13 23-1852	EA	3/4" Standard Coupling, Grooved	43.51	4.84
		For Galvanized Fittings, Add	*10.14*	
23 21 13 23-1853	EA	1" Standard Coupling, Grooved	43.51	4.84
		For Galvanized Fittings, Add	*10.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1854	EA	1-1/4" Standard Coupling, Grooved	57.30	6.09
		For Galvanized Fittings, Add	*13.48*	
23 21 13 23-1855	EA	1-1/2" Standard Coupling, Grooved	63.55	7.25
		For Galvanized Fittings, Add	*14.74*	
23 21 13 23-1856	EA	2" Standard Coupling, Grooved	70.25	9.76
		For Galvanized Fittings, Add	*15.57*	
23 21 13 23-1857	EA	2-1/2" Standard Coupling, Grooved	84.40	11.91
		For Galvanized Fittings, Add	*18.64*	
23 21 13 23-1858	EA	3" Standard Coupling, Grooved	87.85	14.24
		For Galvanized Fittings, Add	*18.64*	
23 21 13 23-1859	EA	3-1/2" Standard Coupling, Grooved	132.28	16.66
		For Galvanized Fittings, Add	*30.03*	
23 21 13 23-1860	EA	4" Standard Coupling, Grooved	135.78	18.98
		For Galvanized Fittings, Add	*30.03*	
23 21 13 23-1861	EA	5" Standard Coupling, Grooved	200.09	23.82
		For Galvanized Fittings, Add	*46.04*	
23 21 13 23-1862	EA	6" Standard Coupling, Grooved	241.02	31.08
		For Galvanized Fittings, Add	*54.43*	
23 21 13 23-1863	EA	8" Standard Coupling, Grooved	372.39	37.07
		For Galvanized Fittings, Add	*88.72*	
23 21 13 23-1864	EA	10" Standard Coupling, Grooved	593.24	44.42
		For Galvanized Fittings, Add	*147.45*	
23 21 13 23-1865	EA	12" Standard Coupling, Grooved	672.46	48.62
		For Galvanized Fittings, Add	*167.88*	
23 21 13 23-1866	EA	14" Standard Coupling, Grooved	825.56	64.83
		For Galvanized Fittings, Add	*203.95*	
23 21 13 23-1867	EA	16" Standard Coupling, Grooved	1,072.02	77.82
		For Galvanized Fittings, Add	*267.52*	
23 21 13 23-1868	EA	18" Standard Coupling, Grooved	1,248.50	86.42
		For Galvanized Fittings, Add	*313.30*	
23 21 13 23-1869	EA	20" Standard Coupling, Grooved	1,906.02	97.26
		For Galvanized Fittings, Add	*492.88*	
23 21 13 23-1870	EA	24" Standard Coupling, Grooved	2,109.79	119.64
		For Galvanized Fittings, Add	*540.51*	

23 21 13 23-1871 Zero-Flex® Rigid Coupling *(23 21 13 23-1850)*

Note: Victaulic Style 07

23 21 13 23-1872	EA	1" Rigid Coupling, Grooved	57.67	4.84
		For Galvanized Fittings, Add	*12.34*	
23 21 13 23-1873	EA	1-1/4" Rigid Coupling, Grooved	59.51	6.09
		For Galvanized Fittings, Add	*12.34*	
23 21 13 23-1874	EA	1-1/2" Rigid Coupling, Grooved	61.28	7.25
		For Galvanized Fittings, Add	*12.34*	
23 21 13 23-1875	EA	2" Rigid Coupling, Grooved	66.27	9.76
		For Galvanized Fittings, Add	*12.65*	
23 21 13 23-1876	EA	2-1/2" Rigid Coupling, Grooved	77.36	11.91
		For Galvanized Fittings, Add	*14.58*	
23 21 13 23-1877	EA	3" Rigid Coupling, Grooved	80.81	14.24
		For Galvanized Fittings, Add	*14.58*	
23 21 13 23-1878	EA	3-1/2" Rigid Coupling, Grooved	94.58	16.66
		For Galvanized Fittings, Add	*17.04*	
23 21 13 23-1879	EA	4" Rigid Coupling, Grooved	127.10	18.98
		For Galvanized Fittings, Add	*24.15*	
23 21 13 23-1880	EA	5" Rigid Coupling, Grooved	163.67	23.82
		For Galvanized Fittings, Add	*31.36*	
23 21 13 23-1881	EA	6" Rigid Coupling, Grooved	217.77	31.08
		For Galvanized Fittings, Add	*41.93*	
23 21 13 23-1882	EA	8" Rigid Coupling, Grooved	325.13	37.07
		For Galvanized Fittings, Add	*66.05*	
23 21 13 23-1883	EA	10" Rigid Coupling, Grooved	549.71	44.42
		For Galvanized Fittings, Add	*118.35*	
23 21 13 23-1884	EA	12" Rigid Coupling, Grooved	613.47	48.62
		For Galvanized Fittings, Add	*132.44*	
23 21 13 23-1885	EA	14" Rigid Coupling, Grooved	803.44	64.83
		For Galvanized Fittings, Add	*173.04*	
23 21 13 23-1886	EA	16" Rigid Coupling, Grooved	1,037.74	77.82
		For Galvanized Fittings, Add	*225.68*	
23 21 13 23-1887	EA	18" Rigid Coupling, Grooved	1,194.41	86.42
		For Galvanized Fittings, Add	*260.89*	
23 21 13 23-1888	EA	20" Rigid Coupling, Grooved	1,413.52	97.26
		For Galvanized Fittings, Add	*310.60*	
23 21 13 23-1889	EA	24" Rigid Coupling, Grooved	2,046.74	119.64
		For Galvanized Fittings, Add	*457.50*	

23 21 13 23-1890 Large Diameter Grooved Coupling *(23 21 13 23-1850)*

Note: Victaulic Style 770

23 21 13 23-1891	EA	28" Coupling, Grooved	2,276.41	23.82
		For Galvanized Fittings, Add	*313.71*	
23 21 13 23-1892	EA	30" Coupling, Grooved	2,626.45	31.08
		For Galvanized Fittings, Add	*361.17*	
23 21 13 23-1893	EA	32" Coupling, Grooved	3,918.96	37.07
		For Galvanized Fittings, Add	*540.88*	
23 21 13 23-1894	EA	36" Coupling, Grooved	5,213.66	44.42
		For Galvanized Fittings, Add	*720.58*	
23 21 13 23-1895	EA	42" Coupling, Grooved	10,482.27	48.62
		For Galvanized Fittings, Add	*1,457.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1896		**Flexible Coupling** *(23 21 13 23-1850)* Note: Victaulic Style 75		
23 21 13 23-1897	EA	1-1/2" Flexible Coupling, Grooved	56.69	7.25
		For Galvanized Fittings, Add	*11.72*	
23 21 13 23-1898	EA	2" Flexible Coupling, Grooved	61.57	9.76
		For Galvanized Fittings, Add	*12.02*	
23 21 13 23-1899	EA	2-1/2" Flexible Coupling, Grooved	72.24	11.91
		For Galvanized Fittings, Add	*13.93*	
23 21 13 23-1900	EA	3" Flexible Coupling, Grooved	84.55	14.24
		For Galvanized Fittings, Add	*16.20*	
23 21 13 23-1901	EA	3-1/2" Flexible Coupling, Grooved	114.64	16.66
		For Galvanized Fittings, Add	*22.94*	
23 21 13 23-1902	EA	4" Flexible Coupling, Grooved	118.14	18.98
		For Galvanized Fittings, Add	*22.94*	
23 21 13 23-1903	EA	5" Flexible Coupling, Grooved	164.96	23.82
		For Galvanized Fittings, Add	*33.10*	
23 21 13 23-1904	EA	6" Flexible Coupling, Grooved	202.40	31.08
		For Galvanized Fittings, Add	*39.87*	
23 21 13 23-1905	EA	8" Flexible Coupling, Grooved	300.38	37.07
		For Galvanized Fittings, Add	*62.68*	
23 21 13 23-1906		**Installation-Ready™ Coupling** *(23 21 13 23-1850)* Note: Victaulic Style 009N		
23 21 13 23-1907	EA	1-1/4" Ductile Iron, Installation-Ready™ Coupling	47.64	4.52
		For Galvanized Fittings, Add	*10.44*	
23 21 13 23-1908	EA	1-1/2" Ductile Iron, Installation-Ready™ Coupling	49.82	5.41
		For Galvanized Fittings, Add	*10.66*	
23 21 13 23-1909	EA	2" Ductile Iron, Installation-Ready™ Coupling	58.11	7.27
		For Galvanized Fittings, Add	*12.06*	
23 21 13 23-1910	EA	2-1/2" Ductile Iron, Installation-Ready™ Coupling	67.58	8.80
		For Galvanized Fittings, Add	*13.89*	
23 21 13 23-1911	EA	3" Ductile Iron, Installation-Ready™ Coupling	77.41	10.58
		For Galvanized Fittings, Add	*15.71*	
23 21 13 23-1912	EA	4" Ductile Iron, Installation-Ready™ Coupling	107.59	14.13
		For Galvanized Fittings, Add	*22.06*	
23 21 13 23-1913	EA	5" Ductile Iron, Installation-Ready™ Coupling	167.75	17.68
		For Galvanized Fittings, Add	*36.09*	
23 21 13 23-1914	EA	6" Ductile Iron, Installation-Ready™ Coupling	203.46	23.11
		For Galvanized Fittings, Add	*43.12*	
23 21 13 23-1915	EA	8" Ductile Iron, Installation-Ready™ Coupling	323.08	27.49
		For Galvanized Fittings, Add	*72.05*	
23 21 13 23-1916		**Grooved Strainers And Suction Diffusers** *(23 21 13 23-1440)*		
23 21 13 23-1917		**Grooved Wye Strainers** *(23 21 13 23-1916)* Note: Victaulic Style 732		
23 21 13 23-1918	EA	2" Wye Strainer, Grooved	1,193.84	19.70
23 21 13 23-1919	EA	2-1/2" Wye Strainer, Grooved	1,258.92	23.91
23 21 13 23-1920	EA	3" Wye Strainer, Grooved	1,417.15	28.65
23 21 13 23-1921	EA	4" Wye Strainer, Grooved	1,612.24	38.24
23 21 13 23-1922	EA	5" Wye Strainer, Grooved	2,324.13	47.82
23 21 13 23-1923	EA	6" Wye Strainer, Grooved	2,539.01	62.15
23 21 13 23-1924	EA	8" Wye Strainer, Grooved	3,860.47	74.06
23 21 13 23-1925	EA	10" Wye Strainer, Grooved	6,156.92	86.59
23 21 13 23-1926	EA	12" Wye Strainer, Grooved	10,684.78	103.97
23 21 13 23-1927		**Grooved Tee Type Strainers** *(23 21 13 23-1916)* Note: Victaulic Style 730		
23 21 13 23-1928	EA	1-1/2" Tee Type Strainer, Grooved	920.85	14.95
23 21 13 23-1929	EA	2" Tee Type Strainer, Grooved	1,179.47	19.70
23 21 13 23-1930	EA	2-1/2" Tee Type Strainer, Grooved	1,243.98	23.91
23 21 13 23-1931	EA	3" Tee Type Strainer, Grooved	1,400.27	28.65
23 21 13 23-1932	EA	4" Tee Type Strainer, Grooved	1,593.10	38.24
23 21 13 23-1933	EA	5" Tee Type Strainer, Grooved	2,296.28	47.82
23 21 13 23-1934	EA	6" Tee Type Strainer, Grooved	2,508.97	62.15
23 21 13 23-1935	EA	8" Tee Type Strainer, Grooved	3,813.96	74.06
23 21 13 23-1936	EA	10" Tee Type Strainer, Grooved	5,568.30	86.59
23 21 13 23-1937	EA	12" Tee Type Strainer, Grooved	7,156.60	103.97
23 21 13 23-1938	EA	14" Tee Type Strainer, Grooved	25,130.02	117.05
23 21 13 23-1939	EA	16" Tee Type Strainer, Grooved	31,209.07	129.58
23 21 13 23-1940	EA	18" Tee Type Strainer, Grooved	41,005.66	141.58
23 21 13 23-1941		**Grooved Suction Diffuser** *(23 21 13 23-1916)* Note: Victaulic Style 731		
23 21 13 23-1942	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	2,420.93	22.12
23 21 13 23-1943	EA	3" Grooved x 2" Flanged Suction Diffuser	2,570.66	24.45
23 21 13 23-1944	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	1,864.79	28.65
23 21 13 23-1945	EA	3" Grooved x 3" Flanged Suction Diffuser	1,892.36	31.08
23 21 13 23-1946	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	2,048.13	31.08
23 21 13 23-1947	EA	4" Grooved x 3" Flanged Suction Diffuser	2,209.64	33.49
23 21 13 23-1948	EA	4" Grooved x 4" Flanged Suction Diffuser	2,551.41	33.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1949	EA	5" Grooved x 4" Flanged Suction Diffuser	2,852.24	42.99
23 21 13 23-1950	EA	5" Grooved x 5" Flanged Suction Diffuser	2,997.29	45.40
23 21 13 23-1951	EA	6" Grooved x 4" Flanged Suction Diffuser	3,047.56	50.15
23 21 13 23-1952	EA	6" Grooved x 5" Flanged Suction Diffuser	3,638.03	54.98
23 21 13 23-1953	EA	6" Grooved x 6" Flanged Suction Diffuser	3,779.61	58.56
23 21 13 23-1954	EA	8" Grooved x 5" Flanged Suction Diffuser	3,878.71	60.90
23 21 13 23-1955	EA	8" Grooved x 6" Flanged Suction Diffuser	4,095.84	68.06
23 21 13 23-1956	EA	8" Grooved x 8" Flanged Suction Diffuser	6,983.80	74.06
23 21 13 23-1957	EA	10" Grooved x 8" Flanged Suction Diffuser	7,875.47	80.06
23 21 13 23-1958	EA	10" Grooved x 10" Flanged Suction Diffuser	9,469.33	83.01
23 21 13 23-1959	EA	12" Grooved x 10" Flanged Suction Diffuser	11,204.28	95.55
23 21 13 23-1960	EA	12" Grooved x 12" Flanged Suction Diffuser	15,538.01	101.55
23 21 13 23-1961	EA	14" Grooved x 10" Flanged Suction Diffuser	14,471.53	101.55
23 21 13 23-1962	EA	14" Grooved x 12" Flanged Suction Diffuser	16,160.81	110.51
23 21 13 23-1963	EA	14" Grooved x 14" Flanged Suction Diffuser	19,599.34	117.05
23 21 13 23-1964	EA	16" Grooved x 14" Flanged Suction Diffuser	20,179.29	123.04
23 21 13 23-1965		Grooved Steel Valves *(23 21 13 23-1440)*		
23 21 13 23-1966		Grooved Butterfly Valves With Standard Trim *(23 21 13 23-1965)*		
23 21 13 23-1967	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	260.80	9.76
23 21 13 23-1968	EA	2" Butterfly Valve, Grooved, With Standard Trim	265.43	12.81
23 21 13 23-1969	EA	3" Butterfly Valve, Grooved, With Standard Trim	435.87	18.98
23 21 13 23-1970	EA	4" Butterfly Valve, Grooved, With Standard Trim	585.55	24.98
23 21 13 23-1971	EA	6" Butterfly Valve, Grooved, With Standard Trim	1,280.49	40.93
23 21 13 23-1972	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,774.39	57.58
23 21 13 23-1973	EA	10" Butterfly Valve, Grooved, With Standard Trim	2,666.21	77.82
23 21 13 23-1974		Grooved Butterfly Valves With Stainless Steel Trim *(23 21 13 23-1965)*		
23 21 13 23-1975	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	392.68	9.76
23 21 13 23-1976	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim	397.31	12.81
23 21 13 23-1977	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim	614.64	18.98
23 21 13 23-1978	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim	781.90	24.98
23 21 13 23-1979	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim	1,497.36	40.93
23 21 13 23-1980	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim	2,489.45	57.58
23 21 13 23-1981	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim	3,926.36	77.82
23 21 13 23-1982		Grooved Ball Valves With Standard Trim And Handle *(23 21 13 23-1965)*		
		Note: Victaulic No. 721		
23 21 13 23-1983	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	219.81	9.58
23 21 13 23-1984	EA	2" Ball Valve, Grooved, With Standard Trim	251.54	13.16
23 21 13 23-1985	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	576.39	16.12
23 21 13 23-1986	EA	3" Ball Valve, Grooved, With Standard Trim	946.42	19.08
23 21 13 23-1987	EA	4" Ball Valve, Grooved, With Standard Trim	1,474.58	25.07
23 21 13 23-1988	EA	6" Ball Valve, Grooved, With Standard Trim	4,590.96	41.20
23 21 13 23-1989		Grooved Ball Valves With Stainless Steel Trim And Handle *(23 21 13 23-1965)*		
		Note: Victaulic No. 721		
23 21 13 23-1990	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim	234.25	9.58
23 21 13 23-1991	EA	2" Ball Valve, Grooved, With Stainless Steel Trim	401.47	13.16
23 21 13 23-1992	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim	1,049.15	16.12
23 21 13 23-1993	EA	3" Ball Valve, Grooved, With Stainless Steel Trim	1,357.04	19.08
23 21 13 23-1994	EA	4" Ball Valve, Grooved, With Stainless Steel Trim	1,854.03	25.07
23 21 13 23-1995	EA	6" Ball Valve, Grooved, With Stainless Steel Trim	5,061.15	41.20
23 21 13 23-1996		Grooved Check Valves *(23 21 13 23-1965)*		
		Note: Victaulic No. 712		
23 21 13 23-1997	EA	2" Check Valve, Grooved	334.08	13.16
23 21 13 23-1998	EA	2-1/2" Check Valve, Grooved	543.06	16.12
23 21 13 23-1999	EA	3" Check Valve, Grooved	632.71	19.08
23 21 13 23-2000	EA	4" Check Valve, Grooved	897.16	25.07
23 21 13 23-2001		Grooved Vic-Check Check Valves *(23 21 13 23-1965)*		
		Note: Victaulic No. 716		
23 21 13 23-2002	EA	2-1/2" "Vic-Check" Check Valve, Grooved	433.41	16.12
23 21 13 23-2003	EA	3" "Vic-Check" Check Valve, Grooved	437.76	19.08
23 21 13 23-2004	EA	4" "Vic-Check" Check Valve, Grooved	548.41	25.07
23 21 13 23-2005	EA	6" "Vic-Check" Check Valve, Grooved	1,070.41	41.20
23 21 13 23-2006	EA	8" "Vic-Check" Check Valve, Grooved	1,464.50	57.32
23 21 13 23-2007	EA	10" "Vic-Check" Check Valve, Grooved	4,106.63	77.64
23 21 13 23-2008	EA	12" "Vic-Check" Check Valve, Grooved	4,863.39	89.64
23 21 13 23-2009		Grooved Plug Valves With Lever Operator *(23 21 13 23-1965)*		
		Note: Victaulic No. 377		
23 21 13 23-2010	EA	3" Balancing Plug Valve, Grooved, With Lever Handle	390.44	19.08
23 21 13 23-2011	EA	4" Balancing Plug Valve, Grooved, With Lever Handle	435.78	25.07
23 21 13 23-2012	EA	6" Balancing Plug Valve, Grooved, With Lever Handle	775.66	41.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2013		**Grooved Plug Valve With Gear Operator** *(23 21 13 23-1965)* Note: Victaulic No. 377		
23 21 13 23-2014	EA	3" Balancing Plug Valve, Grooved, With Gear Operator	682.32	19.08
23 21 13 23-2015	EA	4" Balancing Plug Valve, Grooved, With Gear Operator	727.70	25.07
23 21 13 23-2016	EA	6" Balancing Plug Valve, Grooved, With Gear Operator	1,067.57	41.20
23 21 13 23-2017	EA	8" Balancing Plug Valve, Grooved, With Gear Operator	1,429.45	57.32
23 21 13 23-2018	EA	10" Balancing Plug Valve, Grooved, With Gear Operator	2,235.22	77.64
23 21 13 23-2019	EA	12" Balancing Plug Valve, Grooved, With Gear Operator	3,220.75	89.64
23 21 13 23-2020		**Prepare Pipe For Groove** *(23 21 13 23-1440)*		
23 21 13 23-2021		**Cut Grooved Pipe** *(23 21 13 23-2020)* Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-2022	EA	Cut 3/4" Groove	9.38	
23 21 13 23-2023	EA	Cut 1" Groove	10.18	
23 21 13 23-2024	EA	Cut 1-1/4" Groove	11.50	
23 21 13 23-2025	EA	Cut 1-1/2" Groove	12.51	
23 21 13 23-2026	EA	Cut 2" Groove	13.71	
23 21 13 23-2027	EA	Cut 2-1/2" Groove	14.85	
23 21 13 23-2028	EA	Cut 3" Groove	16.21	
23 21 13 23-2029	EA	Cut 3-1/2" Groove	17.18	
23 21 13 23-2030	EA	Cut 4" Groove	18.28	
23 21 13 23-2031	EA	Cut 5" Groove	19.81	
23 21 13 23-2032	EA	Cut 6" Groove	20.37	
23 21 13 23-2033	EA	Cut 8" Groove	26.41	
23 21 13 23-2034	EA	Cut 10" Groove	37.53	
23 21 13 23-2035	EA	Cut 12" Groove	47.54	
23 21 13 23-2036	EA	Cut 14" Groove	71.30	
23 21 13 23-2037	EA	Cut 16" Groove	75.05	
23 21 13 23-2038	EA	Cut 18" Groove	79.22	
23 21 13 23-2039	EA	Cut 20" Groove	83.88	
23 21 13 23-2040	EA	Cut 24" Groove	95.06	
23 21 13 23-2041		**Roll Grooved Pipe** *(23 21 13 23-2020)* Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-2042	EA	Roll 3/4" Groove	5.36	
23 21 13 23-2043	EA	Roll 1" Groove	6.26	
23 21 13 23-2044	EA	Roll 1-1/4" Groove	7.13	
23 21 13 23-2045	EA	Roll 1-1/2" Groove	8.01	
23 21 13 23-2046	EA	Roll 2" Groove	12.29	
23 21 13 23-2047	EA	Roll 2-1/2" Groove	12.97	
23 21 13 23-2048	EA	Roll 3" Groove	14.26	
23 21 13 23-2049	EA	Roll 3-1/2" Groove	15.17	
23 21 13 23-2050	EA	Roll 4" Groove	16.58	
23 21 13 23-2051	EA	Roll 5" Groove	16.97	
23 21 13 23-2052	EA	Roll 6" Groove	17.83	
23 21 13 23-2053	EA	Roll 8" Groove	21.61	
23 21 13 23-2054	EA	Roll 10" Groove	24.59	
23 21 13 23-2055	EA	Roll 12" Groove	31.00	
23 21 13 23-2056	EA	Roll 14" Groove	47.54	
23 21 13 23-2057	EA	Roll 16" Groove	50.93	
23 21 13 23-2058	EA	Roll 18" Groove	52.82	
23 21 13 23-2059	EA	Roll 20" Groove	57.03	
23 21 13 23-2060	EA	Roll 24" Groove	61.99	
23 21 13 23-2061		**Standard Gaskets** *(23 21 13 23-2020)* Note: For use on replacement of existing gaskets.		
23 21 13 23-2062	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	29.85	
23 21 13 23-2063	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	30.60	
23 21 13 23-2064	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	31.84	
23 21 13 23-2065	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	34.80	
23 21 13 23-2066	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	35.35	
23 21 13 23-2067	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	41.92	
23 21 13 23-2068	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	45.84	
23 21 13 23-2069	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	57.12	
23 21 13 23-2070	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	57.55	
23 21 13 23-2071	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	72.89	
23 21 13 23-2072	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	78.51	
23 21 13 23-2073	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	107.24	
23 21 13 23-2074	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	135.59	
23 21 13 23-2075	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	159.07	
23 21 13 23-2076	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	221.34	
23 21 13 23-2077	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	299.46	
23 21 13 23-2078	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	357.30	
23 21 13 23-2079	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	537.17	
23 21 13 23-2080	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	739.69	
23 21 13 23-2081		**Copper Grooved-Joint Pipe Fittings** *(23 21 13 23)* Note: Couplings are not included with fittings.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2082		**Grooved Fittings** *(23 21 13 23-2081)*		
23 21 13 23-2083		**Grooved 90 Degree Elbows** *(23 21 13 23-2082)*		
23 21 13 23-2084	EA	2" Copper 90 Degree Elbow, Grooved	61.08	14.60
23 21 13 23-2085	EA	2-1/2" Copper 90 Degree Elbow, Grooved	70.08	17.82
23 21 13 23-2086	EA	3" Copper 90 Degree Elbow, Grooved	91.44	21.58
23 21 13 23-2087	EA	4" Copper 90 Degree Elbow, Grooved	167.73	28.48
23 21 13 23-2088	EA	5" Copper 90 Degree Elbow, Grooved	385.10	35.65
23 21 13 23-2089	EA	6" Copper 90 Degree Elbow, Grooved	594.05	46.65
23 21 13 23-2090	EA	8" Copper 90 Degree Elbow, Grooved	1,051.14	55.53
23 21 13 23-2091		**Grooved 45 Degree Elbows** *(23 21 13 23-2082)*		
23 21 13 23-2092	EA	2" Copper 45 Degree Elbow, Grooved	61.08	14.60
23 21 13 23-2093	EA	2-1/2" Copper 45 Degree Elbow, Grooved	70.08	17.82
23 21 13 23-2094	EA	3" Copper 45 Degree Elbow, Grooved	91.44	21.58
23 21 13 23-2095	EA	4" Copper 45 Degree Elbow, Grooved	167.73	28.48
23 21 13 23-2096	EA	5" Copper 45 Degree Elbow, Grooved	385.10	35.65
23 21 13 23-2097	EA	6" Copper 45 Degree Elbow, Grooved	594.05	46.65
23 21 13 23-2098	EA	8" Copper 45 Degree Elbow, Grooved	1,051.14	55.53
23 21 13 23-2099		**Grooved Tees** *(23 21 13 23-2082)*		
23 21 13 23-2100	EA	2" Copper Tee, Grooved	95.20	21.49
23 21 13 23-2101	EA	2-1/2" Copper Tee, Grooved	108.17	26.42
23 21 13 23-2102	EA	3" Copper Tee, Grooved	147.19	32.42
23 21 13 23-2103	EA	4" Copper Tee, Grooved	264.46	41.91
23 21 13 23-2104	EA	5" Copper Tee, Grooved	904.33	54.80
23 21 13 23-2105	EA	6" Copper Tee, Grooved	761.44	68.59
23 21 13 23-2106	EA	8" Copper Tee, Grooved	1,281.29	83.28
23 21 13 23-2107		**Grooved Reducing Tees** *(23 21 13 23-2082)*		
23 21 13 23-2108	EA	2-1/2" Copper Tee, Reducing, Grooved	135.33	26.42
23 21 13 23-2109	EA	3" Copper Tee, Reducing, Grooved	204.87	32.42
23 21 13 23-2110	EA	4" Copper Tee, Reducing, Grooved	321.12	42.00
23 21 13 23-2111	EA	5" Copper Tee, Reducing, Grooved	833.75	54.89
23 21 13 23-2112	EA	6" Copper Tee, Reducing, Grooved	1,021.19	68.59
23 21 13 23-2113		**Grooved X Cup Reducing Tees** *(23 21 13 23-2082)*		
23 21 13 23-2114	EA	2" Copper Tee, Reducing, Grooved X Cup	109.72	21.49
23 21 13 23-2115	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup	135.63	26.42
23 21 13 23-2116	EA	3" Copper Tee, Reducing, Grooved X Cup	217.94	32.42
23 21 13 23-2117	EA	4" Copper Tee, Reducing, Grooved X Cup	321.12	41.91
23 21 13 23-2118		**Grooved Flanged Adapter Nipples** *(23 21 13 23-2082)*		
23 21 13 23-2119	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	169.07	15.85
23 21 13 23-2120	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	181.47	19.26
23 21 13 23-2121	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	195.74	23.02
23 21 13 23-2122	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	226.15	30.99
23 21 13 23-2123	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	295.71	37.53
23 21 13 23-2124	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	341.50	50.69
23 21 13 23-2125		**Grooved Concentric Reducers** *(23 21 13 23-2082)*		
23 21 13 23-2126	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved	78.31	16.30
23 21 13 23-2127	EA	3" x 2" Copper Concentric Reducer, Grooved	81.89	18.18
23 21 13 23-2128	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved	88.83	21.58
23 21 13 23-2129	EA	4" x 2" Copper Concentric Reducer, Grooved	136.71	21.76
23 21 13 23-2130	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved	139.84	23.28
23 21 13 23-2131	EA	4" x 3" Copper Concentric Reducer, Grooved	143.42	25.07
23 21 13 23-2132	EA	5" x 3" Copper Concentric Reducer, Grooved	319.69	28.65
23 21 13 23-2133	EA	5" x 4" Copper Concentric Reducer, Grooved	326.85	32.23
23 21 13 23-2134	EA	6" x 3" Copper Concentric Reducer, Grooved	352.09	34.03
23 21 13 23-2135	EA	6" x 4" Copper Concentric Reducer, Grooved	359.24	37.61
23 21 13 23-2136	EA	6" x 5" Copper Concentric Reducer, Grooved	366.42	41.20
23 21 13 23-2137	EA	8" x 6" Copper Concentric Reducer, Grooved	600.54	51.05
23 21 13 23-2138		**Grooved X Cup Concentric Reducers** *(23 21 13 23-2082)*		
23 21 13 23-2139	EA	2" x 1" Copper Concentric Reducer, Grooved X Cup	60.62	11.46
23 21 13 23-2140	EA	2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	61.51	11.91
23 21 13 23-2141	EA	2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	64.25	13.25
23 21 13 23-2142	EA	2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	71.78	12.81
23 21 13 23-2143	EA	2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	72.67	13.25
23 21 13 23-2144	EA	2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	75.31	14.60
23 21 13 23-2145	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	78.89	16.30
23 21 13 23-2146	EA	3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	90.07	16.30
23 21 13 23-2147	EA	3" x 2" Copper Concentric Reducer, Grooved X Cup	93.65	18.18
23 21 13 23-2148	EA	4" x 2" Copper Concentric Reducer, Grooved X Cup	149.93	21.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2149		**Grooved Standard Couplings** *(23 21 13 23-2082)*		
23 21 13 23-2150	EA	2" Copper Standard Coupling, Grooved	25.60	7.34
23 21 13 23-2151	EA	2-1/2" Copper Standard Coupling, Grooved	30.40	8.95
23 21 13 23-2152	EA	3" Copper Standard Coupling, Grooved	35.12	10.65
23 21 13 23-2153	EA	4" Copper Standard Coupling, Grooved	49.70	14.33
23 21 13 23-2154	EA	5" Copper Standard Coupling, Grooved	71.68	17.82
23 21 13 23-2155	EA	6" Copper Standard Coupling, Grooved	94.23	23.28
23 21 13 23-2156	EA	8" Copper Standard Coupling, Grooved	129.62	27.76
23 21 13 23-2157		**Grooved Caps** *(23 21 13 23-2082)*		
23 21 13 23-2158	EA	2" Copper Cap, Grooved	36.56	7.34
23 21 13 23-2159	EA	2-1/2" Copper Cap, Grooved	50.37	8.95
23 21 13 23-2160	EA	3" Copper Cap, Grooved	61.66	10.65
23 21 13 23-2161	EA	4" Copper Cap, Grooved	89.10	14.24
23 21 13 23-2162	EA	5" Copper Cap, Grooved	143.06	17.82
23 21 13 23-2163	EA	6" Copper Cap, Grooved	170.27	23.28
23 21 13 23-2164		**Grooved Valves** *(23 21 13 23-2081)*		
23 21 13 23-2165		**Grooved Butterfly Valves, Standard Trim, Without Operator** *(23 21 13 23-2164)*		
		Note: Copper body.		
23 21 13 23-2166	EA	2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	431.19	9.58
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2167	EA	3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	489.91	14.24
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2168	EA	4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	647.62	18.71
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2169	EA	6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	863.28	30.72
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2170	EA	8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	950.22	43.16
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2171		**Grooved Butterfly Valves, Standard Trim, With Operator** *(23 21 13 23-2164)*		
		Note: Copper body.		
23 21 13 23-2172	EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	527.10	9.58
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2173	EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	585.88	14.24
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2174	EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	743.59	18.71
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2175	EA	6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	959.32	30.72
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2176	EA	8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,046.19	43.16
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2177		**Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23)*		
		Note: Socket or back weld.		
23 21 13 23-2178		**Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23-2177)*		
		Note: ASTM D1785 with D2466 fittings.		
23 21 13 23-2179		**Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2178)*		
23 21 13 23-2180	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	4.17	2.57
		For Work In Restricted Working Space, Add	*1.15*	
23 21 13 23-2181	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.23	3.20
		For Work In Restricted Working Space, Add	*1.44*	
23 21 13 23-2182	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.74	3.41
		For Work In Restricted Working Space, Add	*1.54*	
23 21 13 23-2183	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.32	3.67
		For Work In Restricted Working Space, Add	*1.65*	
23 21 13 23-2184	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.52	3.73
		For Work In Restricted Working Space, Add	*1.68*	
23 21 13 23-2185	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.97	4.47
		For Work In Restricted Working Space, Add	*2.01*	
23 21 13 23-2186	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	9.96	5.31
		For Work In Restricted Working Space, Add	*2.39*	
23 21 13 23-2187	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	12.22	6.42
		For Work In Restricted Working Space, Add	*2.89*	
23 21 13 23-2188	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	18.18	9.63
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2189	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	25.78	12.84
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2190	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	32.85	15.30
		For Work In Restricted Working Space, Add	*6.89*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2191	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	55.91	17.09
		For Work In Restricted Working Space, Add	*7.68*	

23 21 13 23-2192 Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2178)*

23 21 13 23-2193	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	14.78	9.67
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2194	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	19.72	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2195	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	24.71	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2196	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	35.31	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-2197	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	39.73	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2198	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	50.95	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2199	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	79.38	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2200	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	103.57	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2201	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	128.55	74.69
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-2202	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	167.69	85.35
		For Work In Restricted Working Space, Add	*38.38*	
23 21 13 23-2203	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	251.64	99.58
		For Work In Restricted Working Space, Add	*44.78*	
23 21 13 23-2204	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	375.97	148.48
		For Work In Restricted Working Space, Add	*66.76*	

23 21 13 23-2205 Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2178)*

23 21 13 23-2206	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	14.95	9.67
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2207	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	20.05	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2208	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	25.17	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2209	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	35.61	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-2210	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	40.39	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2211	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	51.38	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2212	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	79.38	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2213	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	106.34	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2214	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	133.61	74.69
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-2215	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	168.16	85.35
		For Work In Restricted Working Space, Add	*38.38*	
23 21 13 23-2216	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	246.04	99.58
		For Work In Restricted Working Space, Add	*44.78*	
23 21 13 23-2217	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	375.97	148.48
		For Work In Restricted Working Space, Add	*66.76*	

23 21 13 23-2218 Schedule 40 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2178)*

23 21 13 23-2219	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	24.28	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2220	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	29.31	19.26
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-2221	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tees	38.94	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2222	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	49.72	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2223	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	59.40	38.50
		For Work In Restricted Working Space, Add	*17.33*	
23 21 13 23-2224	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tees	73.99	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2225	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	102.08	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2226	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tees	122.16	74.69
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-2227	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tees	167.78	99.58
		For Work In Restricted Working Space, Add	*44.78*	
23 21 13 23-2228	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tees	255.04	128.41
		For Work In Restricted Working Space, Add	*57.77*	
23 21 13 23-2229	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Tees	383.69	159.31
		For Work In Restricted Working Space, Add	*71.64*	
23 21 13 23-2230	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Tees	923.86	238.03
		For Work In Restricted Working Space, Add	*107.07*	

23 21 13 23-2231 Schedule 40 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-2178)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2232	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	30.47	19.88
		For Work In Restricted Working Space, Add	*8.96*	
23 21 13 23-2233	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	36.78	24.09
		For Work In Restricted Working Space, Add	*10.83*	
23 21 13 23-2234	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Crosses	48.94	31.79
		For Work In Restricted Working Space, Add	*14.29*	
23 21 13 23-2235	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	62.58	40.38
		For Work In Restricted Working Space, Add	*18.15*	
23 21 13 23-2236	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	74.76	48.18
		For Work In Restricted Working Space, Add	*21.67*	
23 21 13 23-2237	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	93.23	59.73
		For Work In Restricted Working Space, Add	*26.87*	
23 21 13 23-2238	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	130.07	78.62
		For Work In Restricted Working Space, Add	*35.35*	
23 21 13 23-2239	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Crosses	155.94	93.31
		For Work In Restricted Working Space, Add	*41.98*	
23 21 13 23-2240	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	215.61	124.48
		For Work In Restricted Working Space, Add	*55.97*	
23 21 13 23-2241	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Crosses	338.53	160.48
		For Work In Restricted Working Space, Add	*72.19*	
23 21 13 23-2242	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Crosses	525.49	198.98
		For Work In Restricted Working Space, Add	*89.51*	
23 21 13 23-2243	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses	1,335.12	297.67
		For Work In Restricted Working Space, Add	*133.90*	

23 21 13 23-2244 Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2178)*

23 21 13 23-2245	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	15.28	
		For Work In Restricted Working Space, Add	*4.49*	
23 21 13 23-2246	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	19.81	
		For Work In Restricted Working Space, Add	*5.75*	
23 21 13 23-2247	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	26.45	
		For Work In Restricted Working Space, Add	*7.69*	
23 21 13 23-2248	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	32.81	
		For Work In Restricted Working Space, Add	*9.59*	
23 21 13 23-2249	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	39.91	
		For Work In Restricted Working Space, Add	*11.54*	
23 21 13 23-2250	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	55.67	
		For Work In Restricted Working Space, Add	*16.01*	
23 21 13 23-2251	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	77.20	
		For Work In Restricted Working Space, Add	*22.12*	
23 21 13 23-2252	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	99.48	
		For Work In Restricted Working Space, Add	*27.49*	
23 21 13 23-2253	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	126.09	
		For Work In Restricted Working Space, Add	*31.98*	
23 21 13 23-2254	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	235.22	
		For Work In Restricted Working Space, Add	*36.96*	
23 21 13 23-2255	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	289.61	
		For Work In Restricted Working Space, Add	*49.57*	

23 21 13 23-2256 Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2178)*

23 21 13 23-2257	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	15.14	9.67
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2258	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	19.95	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2259	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	24.74	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2260	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	35.11	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-2261	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	39.63	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2262	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	50.48	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2263	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	74.65	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2264	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	97.74	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2265	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	119.78	74.69
		For Work In Restricted Working Space, Add	*33.58*	

23 21 13 23-2266 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2178)*

23 21 13 23-2267	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	15.38	9.67
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2268	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	20.19	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2269	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	25.20	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2270	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	35.38	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-2271	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	40.23	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2272	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	51.01	32.33
		For Work In Restricted Working Space, Add	*14.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2273	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	75.25	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2274	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	99.56	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2275	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	118.72	74.69
		For Work In Restricted Working Space, Add	*33.58*	

23 21 13 23-2276 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2178)*

23 21 13 23-2277	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	14.78	9.67
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2278	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	19.69	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2279	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	24.38	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2280	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	34.58	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-2281	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	39.04	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2282	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	49.66	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2283	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	77.10	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2284	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	101.61	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2285	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	124.08	74.69
		For Work In Restricted Working Space, Add	*33.58*	

23 21 13 23-2286 Schedule 40 Polyvinyl Chloride (PVC) P-Traps *(23 21 13 23-2178)*

23 21 13 23-2287	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps	22.11	13.16
		For Work In Restricted Working Space, Add	*5.91*	

23 21 13 23-2288 Schedule 40 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-2178)*

23 21 13 23-2289	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	14.65	9.67
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2290	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	19.52	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2291	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Couplings	24.38	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2292	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	34.45	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-2293	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	38.84	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2294	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	49.52	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2295	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	74.15	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2296	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Couplings	98.21	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2297	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	117.66	74.69
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-2298	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Couplings	146.06	85.35
		For Work In Restricted Working Space, Add	*38.38*	
23 21 13 23-2299	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Couplings	183.12	99.58
		For Work In Restricted Working Space, Add	*44.78*	
23 21 13 23-2300	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Couplings	315.47	106.74
		For Work In Restricted Working Space, Add	*48.00*	

23 21 13 23-2301 Schedule 40 Polyvinyl Chloride (PVC) Unions *(23 21 13 23-2178)*

23 21 13 23-2302	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	25.90	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2303	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	34.47	19.26
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-2304	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Unions	44.36	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2305	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	63.62	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2306	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	73.66	38.50
		For Work In Restricted Working Space, Add	*17.33*	
23 21 13 23-2307	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Unions	93.04	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2308	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	133.11	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2309	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Unions	153.09	74.69
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-2310	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Unions	230.86	99.58
		For Work In Restricted Working Space, Add	*44.78*	
23 21 13 23-2311	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Unions	301.90	128.41
		For Work In Restricted Working Space, Add	*57.75*	
23 21 13 23-2312	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Unions	419.16	159.22
		For Work In Restricted Working Space, Add	*71.60*	
23 21 13 23-2313	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Unions	593.86	197.64
		For Work In Restricted Working Space, Add	*88.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2314		**Schedule 40 Polyvinyl Chloride (PVC) Caps** *(23 21 13 23-2178)*		
23 21 13 23-2315	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	14.89	9.79
		For Work In Restricted Working Space, Add	*4.39*	
23 21 13 23-2316	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	19.59	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2317	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps	24.41	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2318	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	34.96	22.86
		For Work In Restricted Working Space, Add	*10.27*	
23 21 13 23-2319	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	38.90	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2320	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps	49.36	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2321	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	74.78	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2322	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps	97.68	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2323	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps	119.75	74.69
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-2324	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps	146.62	85.35
		For Work In Restricted Working Space, Add	*38.38*	
23 21 13 23-2325	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps	211.77	99.58
		For Work In Restricted Working Space, Add	*44.78*	
23 21 13 23-2326	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps	391.33	106.74
		For Work In Restricted Working Space, Add	*48.00*	
23 21 13 23-2327		**Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges** *(23 21 13 23-2178)*		
23 21 13 23-2328	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges	30.53	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2329	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	39.07	19.26
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-2330	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	49.46	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2331	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	60.08	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2332	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	69.72	38.50
		For Work In Restricted Working Space, Add	*17.33*	
23 21 13 23-2333	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	87.52	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2334	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	118.78	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2335	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	139.00	74.69
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-2336	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	183.52	99.58
		For Work In Restricted Working Space, Add	*44.78*	
23 21 13 23-2337	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	246.39	128.41
		For Work In Restricted Working Space, Add	*57.75*	
23 21 13 23-2338	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	360.25	159.22
		For Work In Restricted Working Space, Add	*71.60*	
23 21 13 23-2339	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	569.91	197.37
		For Work In Restricted Working Space, Add	*88.77*	
23 21 13 23-2340		**Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23-2177)*		
		Note: ASTM D1785 with D2467 fittings.		
23 21 13 23-2341		**Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2340)*		
23 21 13 23-2342	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	4.27	2.60
		For Work In Restricted Working Space, Add	*1.15*	
23 21 13 23-2343	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	5.35	3.22
		For Work In Restricted Working Space, Add	*1.44*	
23 21 13 23-2344	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	6.56	3.85
		For Work In Restricted Working Space, Add	*1.73*	
23 21 13 23-2345	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	7.82	4.48
		For Work In Restricted Working Space, Add	*2.02*	
23 21 13 23-2346	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	9.00	5.10
		For Work In Restricted Working Space, Add	*2.31*	
23 21 13 23-2347	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	11.53	6.45
		For Work In Restricted Working Space, Add	*2.89*	
23 21 13 23-2348	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	13.42	7.07
		For Work In Restricted Working Space, Add	*3.18*	
23 21 13 23-2349	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	15.32	7.70
		For Work In Restricted Working Space, Add	*3.47*	
23 21 13 23-2350	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	19.97	9.67
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2351	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	29.75	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2352	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	38.94	15.31
		For Work In Restricted Working Space, Add	*6.89*	
23 21 13 23-2353	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	73.97	16.48
		For Work In Restricted Working Space, Add	*7.42*	
23 21 13 23-2354		**Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(23 21 13 23-2340)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2355	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	15.64	9.67
		For Work In Restricted Working Space, Add	*4.34*	
		For Threaded Fittings, Add	*2.17*	
23 21 13 23-2356	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	20.81	12.81
		For Work In Restricted Working Space, Add	*5.78*	
		For Threaded Fittings, Add	*2.89*	
23 21 13 23-2357	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	26.39	15.94
		For Work In Restricted Working Space, Add	*7.16*	
		For Threaded Fittings, Add	*3.58*	
23 21 13 23-2358	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	37.13	22.57
		For Work In Restricted Working Space, Add	*10.14*	
		For Threaded Fittings, Add	*5.07*	
23 21 13 23-2359	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	41.68	25.43
		For Work In Restricted Working Space, Add	*11.43*	
		For Threaded Fittings, Add	*5.72*	
23 21 13 23-2360	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	52.73	32.33
		For Work In Restricted Working Space, Add	*14.52*	
		For Threaded Fittings, Add	*7.26*	
23 21 13 23-2361	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	81.80	47.82
		For Work In Restricted Working Space, Add	*21.49*	
		For Threaded Fittings, Add	*10.75*	
23 21 13 23-2362	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	105.68	62.87
		For Work In Restricted Working Space, Add	*28.28*	
		For Threaded Fittings, Add	*14.14*	
23 21 13 23-2363	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	129.27	74.69
		For Work In Restricted Working Space, Add	*33.58*	
		For Threaded Fittings, Add	*16.79*	
23 21 13 23-2364	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	190.55	85.35
		For Work In Restricted Working Space, Add	*38.38*	
		For Threaded Fittings, Add	*19.19*	
23 21 13 23-2365	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	285.38	99.58
		For Work In Restricted Working Space, Add	*44.78*	
		For Threaded Fittings, Add	*22.39*	
23 21 13 23-2366	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	403.69	166.93
		For Work In Restricted Working Space, Add	*75.08*	
		For Threaded Fittings, Add	*37.54*	

23 21 13 23-2367 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2340)*

23 21 13 23-2368	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	16.73	9.67
		For Work In Restricted Working Space, Add	*4.34*	
		For Threaded Fittings, Add	*2.17*	
23 21 13 23-2369	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	22.73	12.81
		For Work In Restricted Working Space, Add	*5.78*	
		For Threaded Fittings, Add	*2.89*	
23 21 13 23-2370	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	29.11	15.94
		For Work In Restricted Working Space, Add	*7.16*	
		For Threaded Fittings, Add	*3.58*	
23 21 13 23-2371	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	40.47	22.57
		For Work In Restricted Working Space, Add	*10.14*	
		For Threaded Fittings, Add	*5.07*	
23 21 13 23-2372	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	45.98	25.43
		For Work In Restricted Working Space, Add	*11.43*	
		For Threaded Fittings, Add	*5.72*	
23 21 13 23-2373	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	58.62	32.33
		For Work In Restricted Working Space, Add	*14.52*	
		For Threaded Fittings, Add	*7.26*	
23 21 13 23-2374	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	93.14	47.82
		For Work In Restricted Working Space, Add	*21.49*	
		For Threaded Fittings, Add	*10.75*	
23 21 13 23-2375	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	120.44	62.87
		For Work In Restricted Working Space, Add	*28.28*	
		For Threaded Fittings, Add	*14.14*	
23 21 13 23-2376	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	159.08	74.69
		For Work In Restricted Working Space, Add	*33.58*	
		For Threaded Fittings, Add	*16.79*	
23 21 13 23-2377	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	187.28	85.35
		For Work In Restricted Working Space, Add	*38.38*	
		For Threaded Fittings, Add	*19.19*	
23 21 13 23-2378	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	277.94	99.58
		For Work In Restricted Working Space, Add	*44.78*	
		For Threaded Fittings, Add	*22.39*	
23 21 13 23-2379	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	395.33	166.93
		For Work In Restricted Working Space, Add	*75.08*	
		For Threaded Fittings, Add	*37.54*	

23 21 13 23-2380 Schedule 80 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2340)*

23 21 13 23-2381	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	26.08	15.13
		For Work In Restricted Working Space, Add	*6.80*	
		For Threaded Fittings, Add	*3.40*	
23 21 13 23-2382	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	32.45	19.26
		For Work In Restricted Working Space, Add	*8.66*	
		For Threaded Fittings, Add	*4.33*	
23 21 13 23-2383	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees	42.58	25.43
		For Work In Restricted Working Space, Add	*11.43*	
		For Threaded Fittings, Add	*5.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2384	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	60.74	32.33
		For Work In Restricted Working Space, Add	*14.52*	
		For Threaded Fittings, Add	*7.26*	
23 21 13 23-2385	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	70.12	38.50
		For Work In Restricted Working Space, Add	*17.33*	
		For Threaded Fittings, Add	*8.67*	
23 21 13 23-2386	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees	87.09	47.82
		For Work In Restricted Working Space, Add	*21.49*	
		For Threaded Fittings, Add	*10.75*	
23 21 13 23-2387	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	111.08	62.87
		For Work In Restricted Working Space, Add	*28.28*	
		For Threaded Fittings, Add	*14.14*	
23 21 13 23-2388	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees	132.91	74.69
		For Work In Restricted Working Space, Add	*33.58*	
		For Threaded Fittings, Add	*16.79*	
23 21 13 23-2389	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees	173.57	99.58
		For Work In Restricted Working Space, Add	*44.78*	
		For Threaded Fittings, Add	*22.39*	
23 21 13 23-2390	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees	275.65	128.41
		For Work In Restricted Working Space, Add	*57.77*	
		For Threaded Fittings, Add	*28.89*	
23 21 13 23-2391	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees	431.48	159.31
		For Work In Restricted Working Space, Add	*71.64*	
		For Threaded Fittings, Add	*35.82*	
23 21 13 23-2392	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees	923.90	238.03
		For Work In Restricted Working Space, Add	*107.07*	
		For Threaded Fittings, Add	*53.53*	

23 21 13 23-2393 Schedule 80 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-2340)*

23 21 13 23-2394	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	33.68	18.89
		For Work In Restricted Working Space, Add	*8.50*	
		For Threaded Fittings, Add	*4.25*	
23 21 13 23-2395	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	41.71	24.09
		For Work In Restricted Working Space, Add	*10.83*	
		For Threaded Fittings, Add	*5.42*	
23 21 13 23-2396	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses	54.64	31.79
		For Work In Restricted Working Space, Add	*14.29*	
		For Threaded Fittings, Add	*7.15*	
23 21 13 23-2397	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	79.85	40.38
		For Work In Restricted Working Space, Add	*18.15*	
		For Threaded Fittings, Add	*9.08*	
23 21 13 23-2398	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	91.56	48.18
		For Work In Restricted Working Space, Add	*21.67*	
		For Threaded Fittings, Add	*10.83*	
23 21 13 23-2399	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	113.77	59.73
		For Work In Restricted Working Space, Add	*26.87*	
		For Threaded Fittings, Add	*13.43*	
23 21 13 23-2400	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	144.18	78.62
		For Work In Restricted Working Space, Add	*35.35*	
		For Threaded Fittings, Add	*17.67*	
23 21 13 23-2401	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses	172.80	93.31
		For Work In Restricted Working Space, Add	*41.98*	
		For Threaded Fittings, Add	*20.99*	
23 21 13 23-2402	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	224.69	124.48
		For Work In Restricted Working Space, Add	*55.97*	
		For Threaded Fittings, Add	*27.99*	
23 21 13 23-2403	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses	370.84	160.48
		For Work In Restricted Working Space, Add	*72.19*	
		For Threaded Fittings, Add	*36.09*	
23 21 13 23-2404	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses	600.39	198.98
		For Work In Restricted Working Space, Add	*89.51*	
		For Threaded Fittings, Add	*44.75*	
23 21 13 23-2405	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses	1,335.18	297.67
		For Work In Restricted Working Space, Add	*133.90*	
		For Threaded Fittings, Add	*66.95*	

23 21 13 23-2406 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2340)*

23 21 13 23-2407	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	19.95	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2408	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	25.90	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2409	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	36.97	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-2410	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	42.44	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2411	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	54.59	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2412	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	82.36	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2413	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	111.31	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2414	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	135.56	74.69
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-2415	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	154.13	85.35
		For Work In Restricted Working Space, Add	*38.38*	
23 21 13 23-2416	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	207.40	99.58
		For Work In Restricted Working Space, Add	*44.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2417	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	297.77	115.61
		For Work In Restricted Working Space, Add	*52.02*	

23 21 13 23-2418 Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2340)*

23 21 13 23-2419	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	14.68	9.67
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2420	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	20.55	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2421	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	25.90	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2422	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	37.89	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-2423	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	43.27	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2424	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	54.72	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2425	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	85.00	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2426	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	119.01	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2427	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	149.98	74.69
		For Work In Restricted Working Space, Add	*33.58*	

23 21 13 23-2428 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2340)*

23 21 13 23-2429	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	17.26	9.67
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2430	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	22.37	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2431	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	29.31	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2432	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	40.14	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-2433	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	47.24	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2434	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	60.31	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2435	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	85.20	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2436	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	109.32	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2437	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	138.70	74.69
		For Work In Restricted Working Space, Add	*33.58*	

23 21 13 23-2438 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2340)*

23 21 13 23-2439	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	16.50	9.67
		For Work In Restricted Working Space, Add	*4.34*	
23 21 13 23-2440	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	22.30	12.81
		For Work In Restricted Working Space, Add	*5.78*	
23 21 13 23-2441	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	28.38	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2442	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	41.10	22.57
		For Work In Restricted Working Space, Add	*10.14*	
23 21 13 23-2443	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	47.07	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2444	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	64.01	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2445	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	96.32	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2446	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	122.06	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2447	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	159.71	74.69
		For Work In Restricted Working Space, Add	*33.58*	

23 21 13 23-2448 Schedule 80 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-2340)*

23 21 13 23-2449	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	16.63	9.67
		For Work In Restricted Working Space, Add	*4.34*	
		For Threaded Fittings, Add	*2.17*	
23 21 13 23-2450	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	22.20	12.81
		For Work In Restricted Working Space, Add	*5.78*	
		For Threaded Fittings, Add	*2.89*	
23 21 13 23-2451	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Couplings	26.92	15.94
		For Work In Restricted Working Space, Add	*7.16*	
		For Threaded Fittings, Add	*3.58*	
23 21 13 23-2452	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	38.45	22.57
		For Work In Restricted Working Space, Add	*10.14*	
		For Threaded Fittings, Add	*5.07*	
23 21 13 23-2453	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	43.14	25.43
		For Work In Restricted Working Space, Add	*11.43*	
		For Threaded Fittings, Add	*5.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2454	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	53.76	32.33
		For Work In Restricted Working Space, Add	*14.52*	
		For Threaded Fittings, Add	*7.26*	
23 21 13 23-2455	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	84.90	47.82
		For Work In Restricted Working Space, Add	*21.49*	
		For Threaded Fittings, Add	*10.75*	
23 21 13 23-2456	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings	109.52	62.87
		For Work In Restricted Working Space, Add	*28.28*	
		For Threaded Fittings, Add	*14.14*	
23 21 13 23-2457	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	131.06	74.69
		For Work In Restricted Working Space, Add	*33.58*	
		For Threaded Fittings, Add	*16.79*	
23 21 13 23-2458	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings	169.05	85.35
		For Work In Restricted Working Space, Add	*38.38*	
		For Threaded Fittings, Add	*19.19*	
23 21 13 23-2459	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings	205.22	99.58
		For Work In Restricted Working Space, Add	*44.78*	
		For Threaded Fittings, Add	*22.39*	
23 21 13 23-2460	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings	325.39	106.74
		For Work In Restricted Working Space, Add	*48.00*	
		For Threaded Fittings, Add	*24.00*	

23 21 13 23-2461 Schedule 80 Polyvinyl Chloride (PVC) Unions *(23 21 13 23-2340)*

23 21 13 23-2462	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	28.78	15.94
		For Work In Restricted Working Space, Add	*7.16*	
23 21 13 23-2463	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	34.54	19.26
		For Work In Restricted Working Space, Add	*8.66*	
23 21 13 23-2464	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions	44.56	25.43
		For Work In Restricted Working Space, Add	*11.43*	
23 21 13 23-2465	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	64.54	32.33
		For Work In Restricted Working Space, Add	*14.52*	
23 21 13 23-2466	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	78.55	38.50
		For Work In Restricted Working Space, Add	*17.33*	
23 21 13 23-2467	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions	99.79	47.82
		For Work In Restricted Working Space, Add	*21.49*	
23 21 13 23-2468	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	146.69	62.87
		For Work In Restricted Working Space, Add	*28.28*	
23 21 13 23-2469	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions	179.50	74.69
		For Work In Restricted Working Space, Add	*33.58*	
23 21 13 23-2470	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions	231.06	99.58
		For Work In Restricted Working Space, Add	*44.78*	
23 21 13 23-2471	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions	301.90	128.41
		For Work In Restricted Working Space, Add	*57.75*	
23 21 13 23-2472	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions	419.16	159.22
		For Work In Restricted Working Space, Add	*71.60*	
23 21 13 23-2473	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions	593.40	197.37
		For Work In Restricted Working Space, Add	*88.77*	

23 21 13 23-2474 Schedule 80 Threaded Polyvinyl Chloride (PVC) Unions *(23 21 13 23-2340)*

23 21 13 23-2475	EA	1/2", Scheduler 80, Threaded Polyvinyl Chloride (PVC) Union	34.11	19.90
23 21 13 23-2476	EA	3/4", Scheduler 80, Threaded Polyvinyl Chloride (PVC) Union	40.42	23.02
23 21 13 23-2477	EA	1", Scheduler 80, Threaded Polyvinyl Chloride (PVC) Union	48.71	27.13
23 21 13 23-2478	EA	1-1/4", Scheduler 80, Threaded Polyvinyl Chloride (PVC) Union	63.61	32.33
23 21 13 23-2479	EA	1-1/2", Scheduler 80, Threaded Polyvinyl Chloride (PVC) Union	76.53	38.50
23 21 13 23-2480	EA	2", Scheduler 80, Threaded Polyvinyl Chloride (PVC) Union	100.27	47.82
23 21 13 23-2481	EA	3", Scheduler 80, Threaded Polyvinyl Chloride (PVC) Union	211.53	92.69
23 21 13 23-2482	EA	4", Scheduler 80, Threaded Polyvinyl Chloride (PVC) Union	230.21	102.80

23 21 13 23-2483 Schedule 80 Polyvinyl Chloride (PVC) Caps *(23 21 13 23-2340)*

23 21 13 23-2484	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	17.53	9.67
		For Work In Restricted Working Space, Add	*4.34*	
		For Threaded Fittings, Add	*2.17*	
23 21 13 23-2485	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	22.50	12.81
		For Work In Restricted Working Space, Add	*5.78*	
		For Threaded Fittings, Add	*2.89*	
23 21 13 23-2486	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps	29.64	15.94
		For Work In Restricted Working Space, Add	*7.16*	
		For Threaded Fittings, Add	*3.58*	
23 21 13 23-2487	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	40.74	22.57
		For Work In Restricted Working Space, Add	*10.14*	
		For Threaded Fittings, Add	*5.07*	
23 21 13 23-2488	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	45.06	25.43
		For Work In Restricted Working Space, Add	*11.43*	
		For Threaded Fittings, Add	*5.72*	
23 21 13 23-2489	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps	58.82	32.33
		For Work In Restricted Working Space, Add	*14.52*	
		For Threaded Fittings, Add	*7.26*	
23 21 13 23-2490	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	93.04	47.82
		For Work In Restricted Working Space, Add	*21.49*	
		For Threaded Fittings, Add	*10.75*	
23 21 13 23-2491	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Caps	120.44	62.87
		For Work In Restricted Working Space, Add	*28.28*	
		For Threaded Fittings, Add	*14.14*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2492	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Caps	154.02	74.69
		For Work In Restricted Working Space, Add	*33.58*	
		For Threaded Fittings, Add	*16.79*	
23 21 13 23-2493	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Caps	232.47	85.35
		For Work In Restricted Working Space, Add	*38.38*	
		For Threaded Fittings, Add	*19.19*	
23 21 13 23-2494	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Caps	292.85	99.58
		For Work In Restricted Working Space, Add	*44.78*	
		For Threaded Fittings, Add	*22.39*	
23 21 13 23-2495	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Caps	424.41	106.74
		For Work In Restricted Working Space, Add	*48.00*	
		For Threaded Fittings, Add	*24.00*	

23 21 13 23-2496 Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges *(23 21 13 23-2340)*

23 21 13 23-2497	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	33.37	15.94
		For Work In Restricted Working Space, Add	*7.16*	
		For Threaded Fittings, Add	*3.58*	
23 21 13 23-2498	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	39.07	19.26
		For Work In Restricted Working Space, Add	*8.66*	
		For Threaded Fittings, Add	*4.33*	
23 21 13 23-2499	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	49.46	25.43
		For Work In Restricted Working Space, Add	*11.43*	
		For Threaded Fittings, Add	*5.72*	
23 21 13 23-2500	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	60.08	32.33
		For Work In Restricted Working Space, Add	*14.52*	
		For Threaded Fittings, Add	*7.26*	
23 21 13 23-2501	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	69.72	38.50
		For Work In Restricted Working Space, Add	*17.33*	
		For Threaded Fittings, Add	*8.67*	
23 21 13 23-2502	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	87.52	47.82
		For Work In Restricted Working Space, Add	*21.49*	
		For Threaded Fittings, Add	*10.75*	
23 21 13 23-2503	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	118.78	62.87
		For Work In Restricted Working Space, Add	*28.28*	
		For Threaded Fittings, Add	*14.14*	
23 21 13 23-2504	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	139.00	74.69
		For Work In Restricted Working Space, Add	*33.58*	
		For Threaded Fittings, Add	*16.79*	
23 21 13 23-2505	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	183.52	99.58
		For Work In Restricted Working Space, Add	*44.78*	
		For Threaded Fittings, Add	*22.39*	
23 21 13 23-2506	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	246.39	128.41
		For Work In Restricted Working Space, Add	*57.75*	
		For Threaded Fittings, Add	*28.88*	
23 21 13 23-2507	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	360.25	159.22
		For Work In Restricted Working Space, Add	*71.60*	
		For Threaded Fittings, Add	*35.80*	
23 21 13 23-2508	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	569.91	197.37
		For Work In Restricted Working Space, Add	*88.77*	
		For Threaded Fittings, Add	*44.39*	

23 21 13 23-2509 Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2177)*

Note: In place pipe.

23 21 13 23-2510	EA	1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	4.87	
		For Work In Restricted Working Space, Add	*1.46*	
23 21 13 23-2511	EA	3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.25	
		For Work In Restricted Working Space, Add	*1.58*	
23 21 13 23-2512	EA	1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.91	
		For Work In Restricted Working Space, Add	*1.77*	
23 21 13 23-2513	EA	1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.21	
		For Work In Restricted Working Space, Add	*1.86*	
23 21 13 23-2514	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.57	
		For Work In Restricted Working Space, Add	*1.97*	
23 21 13 23-2515	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.22	
		For Work In Restricted Working Space, Add	*2.17*	
23 21 13 23-2516	EA	2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.78	
		For Work In Restricted Working Space, Add	*2.33*	
23 21 13 23-2517	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	9.19	
		For Work In Restricted Working Space, Add	*2.76*	
23 21 13 23-2518	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	12.40	
		For Work In Restricted Working Space, Add	*3.72*	
23 21 13 23-2519	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	17.73	
		For Work In Restricted Working Space, Add	*5.32*	
23 21 13 23-2520	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	23.64	
		For Work In Restricted Working Space, Add	*7.09*	
23 21 13 23-2521	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	28.90	
		For Work In Restricted Working Space, Add	*8.67*	

23 21 13 23-2522 Polyvinylidene Fluoride (PVDF), Socket Weld *(23 21 13 23)*

23 21 13 23-2523 Pipe *(23 21 13 23-2522)*

23 21 13 23-2524	LF	1/2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	14.17	2.60
23 21 13 23-2525	LF	3/4" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	18.76	3.22
23 21 13 23-2526	LF	1" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	25.45	3.40
23 21 13 23-2527	LF	1-1/2" Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	34.63	3.76
23 21 13 23-2528	LF	2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	43.65	4.48

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2529		**90 Degree Elbows** *(23 21 13 23-2522)*		
23 21 13 23-2530	EA	1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	25.05	9.58
23 21 13 23-2531	EA	3/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	33.42	12.81
23 21 13 23-2532	EA	1" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	50.87	15.94
23 21 13 23-2533	EA	1-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	86.44	25.43
23 21 13 23-2534	EA	2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	111.99	32.33
23 21 13 23-2535		**45 Degree Elbows** *(23 21 13 23-2522)*		
23 21 13 23-2536	EA	1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	27.72	9.67
23 21 13 23-2537	EA	3/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	37.19	12.81
23 21 13 23-2538	EA	1" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	50.87	15.94
23 21 13 23-2539	EA	1-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	77.43	25.43
23 21 13 23-2540	EA	2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	109.61	32.33
23 21 13 23-2541		**Tees** *(23 21 13 23-2522)*		
23 21 13 23-2542	EA	1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	44.88	15.94
23 21 13 23-2543	EA	3/4" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	51.17	19.26
23 21 13 23-2544	EA	1" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	72.08	25.43
23 21 13 23-2545	EA	1-1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	115.92	38.50
23 21 13 23-2546	EA	2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	163.16	47.82
23 21 13 23-2547		**Reducing Tees** *(23 21 13 23-2522)*		
23 21 13 23-2548	EA	3/4" x 1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	50.93	17.91
23 21 13 23-2549	EA	1" x 1/2" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	67.89	20.87
23 21 13 23-2550	EA	1" x 3/4" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	70.58	22.66
23 21 13 23-2551	EA	1-1/2" x 1" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	115.71	32.23
23 21 13 23-2552	EA	2" x 1-1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	168.97	42.99
23 21 13 23-2553		**Socket Weld Reducing Couplings** *(23 21 13 23-2522)*		
23 21 13 23-2554	EA	3/4" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	28.80	11.37
23 21 13 23-2555	EA	1" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	35.75	13.16
23 21 13 23-2556	EA	1" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	39.72	14.95
23 21 13 23-2557	EA	1-1/2" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	56.58	17.91
23 21 13 23-2558	EA	1-1/2" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	60.96	19.70
23 21 13 23-2559	EA	1-1/2" x 1" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	62.75	20.87
23 21 13 23-2560	EA	2" x 1-1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	88.25	29.29
23 21 13 23-2561		**Male Adapters, Socket Weld X Male Thread** *(23 21 13 23-2522)*		
23 21 13 23-2562	EA	1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	35.45	9.67
23 21 13 23-2563	EA	3/4" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	45.70	12.81
23 21 13 23-2564	EA	1" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	53.59	15.94
23 21 13 23-2565	EA	1-1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	72.97	25.43
23 21 13 23-2566	EA	2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	97.19	32.23
23 21 13 23-2567		**Female Adapters, Socket Weld X Female Thread** *(23 21 13 23-2522)*		
23 21 13 23-2568	EA	1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	35.45	9.67
23 21 13 23-2569	EA	3/4" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	45.80	12.81
23 21 13 23-2570	EA	1" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	53.59	15.94
23 21 13 23-2571	EA	1-1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	72.97	25.43
23 21 13 23-2572	EA	2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	97.23	32.33
23 21 13 23-2573		**Socket Weld Couplings** *(23 21 13 23-2522)*		
23 21 13 23-2574	EA	1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	21.88	9.67
23 21 13 23-2575	EA	3/4" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	28.47	12.81
23 21 13 23-2576	EA	1" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	36.26	15.94
23 21 13 23-2577	EA	1-1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	63.86	25.43
23 21 13 23-2578	EA	2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	85.54	32.33
23 21 13 23-2579		**Socket Weld Unions** *(23 21 13 23-2522)*		
23 21 13 23-2580	EA	1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	69.94	15.94
23 21 13 23-2581	EA	3/4" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	83.95	19.26
23 21 13 23-2582	EA	1" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	119.03	25.43
23 21 13 23-2583	EA	1-1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	203.87	38.50
23 21 13 23-2584	EA	2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	251.41	47.82
23 21 13 23-2585		**Caps** *(23 21 13 23-2522)*		
23 21 13 23-2586	EA	1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	21.96	9.79
23 21 13 23-2587	EA	3/4" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	29.91	12.81
23 21 13 23-2588	EA	1" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	37.35	15.94
23 21 13 23-2589	EA	1-1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	62.87	25.43
23 21 13 23-2590	EA	2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	84.85	32.33

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2591		150 LB Socket Weld Flanges *(23 21 13 23-2522)*		
23 21 13 23-2592	EA	1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	51.71	16.12
23 21 13 23-2593	EA	3/4" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	64.54	19.08
23 21 13 23-2594	EA	1" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	85.06	25.71
23 21 13 23-2595	EA	1-1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	124.14	38.86
23 21 13 23-2596	EA	2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	185.54	47.82
23 21 13 23-2597		Polyethylene Pipe And Fittings *(23 21 13 23)*		
23 21 13 23-2598		Small Diameter Tubing *(23 21 13 23-2597)*		
23 21 13 23-2599		Tubing *(23 21 13 23-2598)*		
23 21 13 23-2600	LF	1/4" Polyethylene Tubing	2.78	
		For Work In Restricted Working Space, Add	*0.81*	
23 21 13 23-2601	LF	5/16" Polyethylene Tubing	2.88	
		For Work In Restricted Working Space, Add	*0.83*	
23 21 13 23-2602	LF	3/8" Polyethylene Tubing	2.98	
		For Work In Restricted Working Space, Add	*0.85*	
23 21 13 23-2603	LF	1/2" Polyethylene Tubing	3.17	
		For Work In Restricted Working Space, Add	*0.92*	
23 21 13 23-2604		Chrome Plated Pipe *(23 21 13 23)*		
23 21 13 23-2605		Chrome Plated Nipples *(23 21 13 23-2604)*		
23 21 13 23-2606		Close *(23 21 13 23-2605)*		
23 21 13 23-2607	EA	1/4" Diameter Chrome Plated Nipple, Close	16.06	7.78
23 21 13 23-2608	EA	3/8" Diameter Chrome Plated Nipple, Close	15.79	8.47
23 21 13 23-2609	EA	1/2" Diameter Chrome Plated Nipple, Close	19.30	9.72
23 21 13 23-2610	EA	3/4" Diameter Chrome Plated Nipple, Close	25.13	12.36
23 21 13 23-2611	EA	1" Diameter Chrome Plated Nipple, Close	33.54	16.25
23 21 13 23-2612	EA	1-1/4" Diameter Chrome Plated Nipple, Close	47.38	22.67
23 21 13 23-2613	EA	1-1/2" Diameter Chrome Plated Nipple, Close	57.35	26.56
23 21 13 23-2614	EA	2" Diameter Chrome Plated Nipple, Close	73.41	33.08
23 21 13 23-2615		1-1/2" Nipples *(23 21 13 23-2605)*		
23 21 13 23-2616	EA	1/4" Diameter Chrome Plated Nipple, 1-1/2" Length	17.06	8.08
23 21 13 23-2617	EA	3/8" Diameter Chrome Plated Nipple, 1-1/2" Length	16.60	8.76
23 21 13 23-2618	EA	1/2" Diameter Chrome Plated Nipple, 1-1/2" Length	19.81	10.02
23 21 13 23-2619	EA	3/4" Diameter Chrome Plated Nipple, 1-1/2" Length	25.97	12.65
23 21 13 23-2620		2" Nipples *(23 21 13 23-2605)*		
23 21 13 23-2621	EA	1/4" Diameter Chrome Plated Nipple, 2" Length	17.76	8.47
23 21 13 23-2622	EA	3/8" Diameter Chrome Plated Nipple, 2" Length	17.18	9.05
23 21 13 23-2623	EA	1/2" Diameter Chrome Plated Nipple, 2" Length	21.14	10.41
23 21 13 23-2624	EA	3/4" Diameter Chrome Plated Nipple, 2" Length	27.14	12.94
23 21 13 23-2625	EA	1" Diameter Chrome Plated Nipple, 2" Length	35.34	16.83
23 21 13 23-2626	EA	1-1/4" Diameter Chrome Plated Nipple, 2" Length	50.17	23.35
23 21 13 23-2627	EA	1-1/2" Diameter Chrome Plated Nipple, 2" Length	60.54	27.24
23 21 13 23-2628		2-1/2" Nipples *(23 21 13 23-2605)*		
23 21 13 23-2629	EA	1/4" Diameter Chrome Plated Nipple, 2-1/2" Length	18.71	8.76
23 21 13 23-2630	EA	3/8" Diameter Chrome Plated Nipple, 2-1/2" Length	17.81	9.43
23 21 13 23-2631	EA	1/2" Diameter Chrome Plated Nipple, 2-1/2" Length	22.01	10.70
23 21 13 23-2632	EA	3/4" Diameter Chrome Plated Nipple, 2-1/2" Length	27.79	13.33
23 21 13 23-2633	EA	1" Diameter Chrome Plated Nipple, 2-1/2" Length	36.29	17.22
23 21 13 23-2634	EA	1-1/4" Diameter Chrome Plated Nipple, 2-1/2" Length	52.73	23.64
23 21 13 23-2635	EA	1-1/2" Diameter Chrome Plated Nipple, 2-1/2" Length	63.91	27.54
23 21 13 23-2636	EA	2" Diameter Chrome Plated Nipple, 2-1/2" Length	80.88	34.05
23 21 13 23-2637		3" Nipples *(23 21 13 23-2605)*		
23 21 13 23-2638	EA	1/4" Diameter Chrome Plated Nipple, 3" Length	19.47	9.05
23 21 13 23-2639	EA	3/8" Diameter Chrome Plated Nipple, 3" Length	18.77	9.72
23 21 13 23-2640	EA	1/2" Diameter Chrome Plated Nipple, 3" Length	21.64	10.41
23 21 13 23-2641	EA	3/4" Diameter Chrome Plated Nipple, 3" Length	29.69	13.62
23 21 13 23-2642	EA	1" Diameter Chrome Plated Nipple, 3" Length	40.03	17.51
23 21 13 23-2643	EA	1-1/4" Diameter Chrome Plated Nipple, 3" Length	55.52	24.04
23 21 13 23-2644	EA	1-1/2" Diameter Chrome Plated Nipple, 3" Length	71.68	27.93
23 21 13 23-2645	EA	2" Diameter Chrome Plated Nipple, 3" Length	86.98	34.44
23 21 13 23-2646		3-1/2" Nipples *(23 21 13 23-2605)*		
23 21 13 23-2647	EA	1/4" Diameter Chrome Plated Nipple, 3-1/2" Length	20.33	9.43
23 21 13 23-2648	EA	3/8" Diameter Chrome Plated Nipple, 3-1/2" Length	20.31	10.02
23 21 13 23-2649	EA	1/2" Diameter Chrome Plated Nipple, 3-1/2" Length	23.82	11.38
23 21 13 23-2650	EA	3/4" Diameter Chrome Plated Nipple, 3-1/2" Length	32.46	13.91
23 21 13 23-2651	EA	1" Diameter Chrome Plated Nipple, 3-1/2" Length	41.56	17.80
23 21 13 23-2652	EA	1-1/4" Diameter Chrome Plated Nipple, 3-1/2" Length	60.86	24.33
23 21 13 23-2653	EA	1-1/2" Diameter Chrome Plated Nipple, 3-1/2" Length	74.10	28.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2654	EA	2" Diameter Chrome Plated Nipple, 3-1/2" Length	91.89	34.74
23 21 13 23-2655		**4" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2656	EA	1/4" Diameter Chrome Plated Nipple, 4" Length	21.17	9.72
23 21 13 23-2657	EA	3/8" Diameter Chrome Plated Nipple, 4" Length	20.84	10.41
23 21 13 23-2658	EA	1/2" Diameter Chrome Plated Nipple, 4" Length	23.86	10.99
23 21 13 23-2659	EA	3/4" Diameter Chrome Plated Nipple, 4" Length	33.62	14.30
23 21 13 23-2660	EA	1" Diameter Chrome Plated Nipple, 4" Length	43.02	18.19
23 21 13 23-2661	EA	1-1/4" Diameter Chrome Plated Nipple, 4" Length	64.96	24.62
23 21 13 23-2662	EA	1-1/2" Diameter Chrome Plated Nipple, 4" Length	78.94	28.51
23 21 13 23-2663	EA	2" Diameter Chrome Plated Nipple, 4" Length	97.83	35.03
23 21 13 23-2664		**4-1/2" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2665	EA	1/4" Diameter Chrome Plated Nipple, 4-1/2" Length	21.93	10.02
23 21 13 23-2666	EA	3/8" Diameter Chrome Plated Nipple, 4-1/2" Length	22.40	10.70
23 21 13 23-2667	EA	1/2" Diameter Chrome Plated Nipple, 4-1/2" Length	26.12	11.97
23 21 13 23-2668	EA	3/4" Diameter Chrome Plated Nipple, 4-1/2" Length	34.94	14.59
23 21 13 23-2669	EA	1" Diameter Chrome Plated Nipple, 4-1/2" Length	47.74	18.48
23 21 13 23-2670	EA	1-1/4" Diameter Chrome Plated Nipple, 4-1/2" Length	68.89	25.00
23 21 13 23-2671	EA	1-1/2" Diameter Chrome Plated Nipple, 4-1/2" Length	81.16	28.89
23 21 13 23-2672	EA	2" Diameter Chrome Plated Nipple, 4-1/2" Length	103.31	35.41
23 21 13 23-2673		**5" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2674	EA	1/4" Diameter Chrome Plated Nipple, 5" Length	24.23	10.41
23 21 13 23-2675	EA	3/8" Diameter Chrome Plated Nipple, 5" Length	23.41	10.99
23 21 13 23-2676	EA	1/2" Diameter Chrome Plated Nipple, 5" Length	27.03	12.36
23 21 13 23-2677	EA	3/4" Diameter Chrome Plated Nipple, 5" Length	36.20	14.88
23 21 13 23-2678	EA	1" Diameter Chrome Plated Nipple, 5" Length	50.66	18.78
23 21 13 23-2679	EA	1-1/4" Diameter Chrome Plated Nipple, 5" Length	72.49	25.29
23 21 13 23-2680	EA	1-1/2" Diameter Chrome Plated Nipple, 5" Length	86.02	29.18
23 21 13 23-2681	EA	2" Diameter Chrome Plated Nipple, 5" Length	106.90	35.70
23 21 13 23-2682		**5-1/2" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2683	EA	1/4" Diameter Chrome Plated Nipple, 5-1/2" Length	25.02	10.70
23 21 13 23-2684	EA	3/8" Diameter Chrome Plated Nipple, 5-1/2" Length	24.23	11.38
23 21 13 23-2685	EA	1/2" Diameter Chrome Plated Nipple, 5-1/2" Length	29.32	12.65
23 21 13 23-2686	EA	3/4" Diameter Chrome Plated Nipple, 5-1/2" Length	37.48	15.28
23 21 13 23-2687	EA	1" Diameter Chrome Plated Nipple, 5-1/2" Length	52.25	19.17
23 21 13 23-2688	EA	1-1/4" Diameter Chrome Plated Nipple, 5-1/2" Length	76.80	25.58
23 21 13 23-2689	EA	1-1/2" Diameter Chrome Plated Nipple, 5-1/2" Length	89.91	29.48
23 21 13 23-2690	EA	2" Diameter Chrome Plated Nipple, 5-1/2" Length	111.44	35.99
23 21 13 23-2691		**6" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2692	EA	1/4" Diameter Chrome Plated Nipple, 6" Length	25.93	10.99
23 21 13 23-2693	EA	3/8" Diameter Chrome Plated Nipple, 6" Length	24.75	11.68
23 21 13 23-2694	EA	1/2" Diameter Chrome Plated Nipple, 6" Length	30.17	12.94
23 21 13 23-2695	EA	3/4" Diameter Chrome Plated Nipple, 6" Length	38.53	15.57
23 21 13 23-2696	EA	1" Diameter Chrome Plated Nipple, 6" Length	56.85	19.46
23 21 13 23-2697	EA	1-1/4" Diameter Chrome Plated Nipple, 6" Length	79.50	25.98
23 21 13 23-2698	EA	1-1/2" Diameter Chrome Plated Nipple, 6" Length	95.85	29.87
23 21 13 23-2699	EA	2" Diameter Chrome Plated Nipple, 6" Length	115.59	36.39
23 21 13 23-2700		**8" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2701	EA	3/8" Diameter Chrome Plated Nipple, 8" Length	28.96	12.36
23 21 13 23-2702	EA	1/2" Diameter Chrome Plated Nipple, 8" Length	41.17	13.62
23 21 13 23-2703	EA	3/4" Diameter Chrome Plated Nipple, 8" Length	49.95	16.25
23 21 13 23-2704	EA	1" Diameter Chrome Plated Nipple, 8" Length	65.87	20.14
23 21 13 23-2705	EA	1-1/4" Diameter Chrome Plated Nipple, 8" Length	93.71	26.56
23 21 13 23-2706	EA	1-1/2" Diameter Chrome Plated Nipple, 8" Length	114.34	30.45
23 21 13 23-2707	EA	2" Diameter Chrome Plated Nipple, 8" Length	140.67	36.97
23 21 13 23-2708		**10" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2709	EA	3/8" Diameter Chrome Plated Nipple, 10" Length	32.74	12.36
23 21 13 23-2710	EA	1/2" Diameter Chrome Plated Nipple, 10" Length	45.94	13.62
23 21 13 23-2711	EA	3/4" Diameter Chrome Plated Nipple, 10" Length	55.47	16.25
23 21 13 23-2712	EA	1" Diameter Chrome Plated Nipple, 10" Length	74.22	20.14
23 21 13 23-2713	EA	1-1/4" Diameter Chrome Plated Nipple, 10" Length	111.59	26.56
23 21 13 23-2714	EA	1-1/2" Diameter Chrome Plated Nipple, 10" Length	127.95	30.45
23 21 13 23-2715	EA	2" Diameter Chrome Plated Nipple, 10" Length	162.43	36.97
23 21 13 23-2716		**12" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2717	EA	3/8" Diameter Chrome Plated Nipple, 12" Length	36.48	13.62
23 21 13 23-2718	EA	1/2" Diameter Chrome Plated Nipple, 12" Length	48.10	14.30
23 21 13 23-2719	EA	3/4" Diameter Chrome Plated Nipple, 12" Length	60.88	16.83
23 21 13 23-2720	EA	1" Diameter Chrome Plated Nipple, 12" Length	86.35	21.40
23 21 13 23-2721	EA	1-1/4" Diameter Chrome Plated Nipple, 12" Length	124.51	27.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2722	EA	2" Diameter Chrome Plated Nipple, 12" Length	181.84	38.34
23 21 13 23-2723		**18" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2724	EA	3/8" Diameter Chrome Plated Nipple, 18" Length	45.43	14.30
23 21 13 23-2725		**24" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2726	EA	3/8" Diameter Chrome Plated Nipple, 24" Length	54.02	14.88
23 21 13 23-2727		**30" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2728	EA	3/8" Diameter Chrome Plated Nipple, 30" Length	59.57	15.57
23 21 13 23-2729		**36" Nipples** *(23 21 13 23-2605)*		
23 21 13 23-2730	EA	3/8" Diameter Chrome Plated Nipple, 36" Length	65.14	16.25
23 21 13 23-2731		**Chrome Plated Fittings** *(23 21 13 23-2604)*		
23 21 13 23-2732		**Chrome Plated 90 Degree Elbows** *(23 21 13 23-2731)*		
23 21 13 23-2733	EA	1/4" 90 Degree Elbow, Chrome Plated	19.98	9.05
23 21 13 23-2734	EA	3/8" 90 Degree Elbow, Chrome Plated	20.54	9.72
23 21 13 23-2735	EA	1/2" 90 Degree Elbow, Chrome Plated	22.93	10.41
23 21 13 23-2736	EA	3/4" 90 Degree Elbow, Chrome Plated	29.39	13.62
23 21 13 23-2737	EA	1" 90 Degree Elbow, Chrome Plated	39.56	17.51
23 21 13 23-2738	EA	1-1/4" 90 Degree Elbow, Chrome Plated	59.82	24.04
23 21 13 23-2739	EA	1-1/2" 90 Degree Elbow, Chrome Plated	71.55	27.93
23 21 13 23-2740	EA	2" 90 Degree Elbow, Chrome Plated	96.61	34.44
23 21 13 23-2741		**Chrome Plated Street 90 Degree Elbows** *(23 21 13 23-2731)*		
23 21 13 23-2742	EA	1/4" Street 90 Degree Elbow, Chrome Plated	22.65	9.05
23 21 13 23-2743	EA	3/8" Street 90 Degree Elbow, Chrome Plated	23.47	9.72
23 21 13 23-2744	EA	1/2" Street 90 Degree Elbow, Chrome Plated	24.96	10.41
23 21 13 23-2745	EA	3/4" Street 90 Degree Elbow, Chrome Plated	32.38	13.62
23 21 13 23-2746	EA	1" Street 90 Degree Elbow, Chrome Plated	45.10	17.51
23 21 13 23-2747	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated	65.50	24.04
23 21 13 23-2748	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated	79.49	27.93
23 21 13 23-2749	EA	2" Street 90 Degree Elbow, Chrome Plated	115.31	34.44
23 21 13 23-2750		**Chrome Plated 45 Degree Elbows** *(23 21 13 23-2731)*		
23 21 13 23-2751	EA	1/4" 45 Degree Elbow, Chrome Plated	20.57	9.05
23 21 13 23-2752	EA	3/8" 45 Degree Elbow, Chrome Plated	21.39	9.72
23 21 13 23-2753	EA	1/2" 45 Degree Elbow, Chrome Plated	23.53	10.41
23 21 13 23-2754	EA	3/4" 45 Degree Elbow, Chrome Plated	31.67	13.62
23 21 13 23-2755	EA	1" 45 Degree Elbow, Chrome Plated	42.13	17.51
23 21 13 23-2756	EA	1-1/4" 45 Degree Elbow, Chrome Plated	62.91	24.04
23 21 13 23-2757	EA	1-1/2" 45 Degree Elbow, Chrome Plated	75.66	27.93
23 21 13 23-2758	EA	2" 45 Degree Elbow, Chrome Plated	107.92	34.44
23 21 13 23-2759		**Chrome Plated Street 45 Degree Elbows** *(23 21 13 23-2731)*		
23 21 13 23-2760	EA	1/2" Street 45 Degree Elbow, Chrome Plated	27.19	10.41
23 21 13 23-2761		**Chrome Plated Couplings** *(23 21 13 23-2731)*		
23 21 13 23-2762	EA	1/4" Coupling, Chrome Plated	19.62	9.05
23 21 13 23-2763	EA	3/8" Coupling, Chrome Plated	20.59	9.72
23 21 13 23-2764	EA	1/2" Coupling, Chrome Plated	23.08	10.41
23 21 13 23-2765	EA	3/4" Coupling, Chrome Plated	29.44	13.62
23 21 13 23-2766	EA	1" Coupling, Chrome Plated	38.30	17.51
23 21 13 23-2767	EA	1-1/4" Coupling, Chrome Plated	55.22	24.04
23 21 13 23-2768	EA	1-1/2" Coupling, Chrome Plated	67.69	27.93
23 21 13 23-2769	EA	2" Coupling, Chrome Plated	91.90	34.44
23 21 13 23-2770		**Chrome Plated Unions** *(23 21 13 23-2731)*		
23 21 13 23-2771	EA	1/4" Union, Chrome Plated	30.06	10.41
23 21 13 23-2772	EA	3/8" Union, Chrome Plated	31.04	10.99
23 21 13 23-2773	EA	1/2" Union, Chrome Plated	37.17	12.36
23 21 13 23-2774	EA	3/4" Union, Chrome Plated	46.42	16.25
23 21 13 23-2775	EA	1" Union, Chrome Plated	58.79	20.73
23 21 13 23-2776	EA	1-1/4" Union, Chrome Plated	93.34	27.93
23 21 13 23-2777	EA	1-1/2" Union, Chrome Plated	115.65	33.08
23 21 13 23-2778	EA	2" Union, Chrome Plated	149.90	40.28
23 21 13 23-2779		**Chrome Plated Caps** *(23 21 13 23-2731)*		
23 21 13 23-2780	EA	1/4" Cap, Chrome Plated	12.66	4.58
23 21 13 23-2781	EA	3/8" Cap, Chrome Plated	13.14	4.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2782	EA	1/2" Cap, Chrome Plated	14.88	5.16
23 21 13 23-2783	EA	3/4" Cap, Chrome Plated	18.68	6.81
23 21 13 23-2784	EA	1" Cap, Chrome Plated	22.42	8.76
23 21 13 23-2785	EA	1-1/4" Cap, Chrome Plated	32.79	11.97
23 21 13 23-2786	EA	1-1/2" Cap, Chrome Plated	42.56	13.91
23 21 13 23-2787	EA	2" Cap, Chrome Plated	61.47	18.19

23 21 13 23-2788 Chrome Plated Plugs *(23 21 13 23-2731)*

23 21 13 23-2789	EA	1/4" Plug, Chrome Plated	10.62	4.58
23 21 13 23-2790	EA	3/8" Plug, Chrome Plated	11.10	4.87
23 21 13 23-2791	EA	1/2" Plug, Chrome Plated	12.74	5.16
23 21 13 23-2792	EA	3/4" Plug, Chrome Plated	17.16	6.81
23 21 13 23-2793	EA	1" Plug, Chrome Plated	21.26	8.76
23 21 13 23-2794	EA	1-1/4" Plug, Chrome Plated	28.78	11.97
23 21 13 23-2795	EA	1-1/2" Plug, Chrome Plated	35.22	13.91
23 21 13 23-2796	EA	2" Plug, Chrome Plated	48.70	18.19

23 21 13 23-2797 Chrome Plated Tees *(23 21 13 23-2731)*

23 21 13 23-2798	EA	1/4" Tee, Chrome Plated	28.10	13.62
23 21 13 23-2799	EA	3/8" Tee, Chrome Plated	30.05	14.88
23 21 13 23-2800	EA	1/2" Tee, Chrome Plated	33.35	16.25
23 21 13 23-2801	EA	3/4" Tee, Chrome Plated	41.51	20.14
23 21 13 23-2802	EA	1" Tee, Chrome Plated	58.11	25.98
23 21 13 23-2803	EA	1-1/4" Tee, Chrome Plated	80.08	35.70
23 21 13 23-2804	EA	1-1/2" Tee, Chrome Plated	101.11	41.54
23 21 13 23-2805	EA	2" Tee, Chrome Plated	136.76	51.27

23 21 13 23-2806 Chrome Plated Reducing 90 Degree Elbows *(23 21 13 23-2731)*

23 21 13 23-2807	EA	1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated	31.99	16.25
23 21 13 23-2808	EA	3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated	37.83	20.14

23 21 13 23-2809 Chrome Plated Bell Reducers *(23 21 13 23-2731)*

23 21 13 23-2810	EA	1/2" x 3/8" Bell Reducer, Chrome Plated	34.46	16.25
23 21 13 23-2811	EA	3/4" x 1/2" Bell Reducer, Chrome Plated	42.06	20.14
23 21 13 23-2812	EA	1" x 1/2" Bell Reducer, Chrome Plated	53.59	25.98

23 21 13 23-2813 Chrome Plated Reducing Tees *(23 21 13 23-2731)*

23 21 13 23-2814	EA	3/4" x 1/2" Reducing Tee, Chrome Plated	45.19	20.14

23 21 13 23-2815 Chrome Plated Bushings *(23 21 13 23-2731)*

23 21 13 23-2816	EA	3/8" x 1/4" Bushing, Chrome Plated	10.56	4.58
23 21 13 23-2817	EA	1/2" x 1/4" Bushing, Chrome Plated	11.36	4.87
23 21 13 23-2818	EA	1/2" x 3/8" Bushing, Chrome Plated	11.85	5.16
23 21 13 23-2819	EA	3/4" x 1/2" Bushing, Chrome Plated	15.14	6.81
23 21 13 23-2820	EA	1" x 3/4" Bushing, Chrome Plated	21.65	8.76
23 21 13 23-2821	EA	1-1/4" x 1" Bushing, Chrome Plated	31.42	11.97

23 21 13 23-2822 Aluminum Tubing Assemblies *(23 21 13 23)*

Note: ASTM B210 (Tubing), ASTM B26 (Fittings). Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.

23 21 13 23-2823	LF	1/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	8.14	3.41
23 21 13 23-2824	LF	3/16" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	9.28	3.89
23 21 13 23-2825	LF	1/4" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	10.35	4.37
23 21 13 23-2826	LF	5/16" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	11.36	4.87
23 21 13 23-2827	LF	3/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	12.57	5.35
23 21 13 23-2828	LF	1/2" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	14.28	5.83
23 21 13 23-2829	LF	5/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	16.66	6.72
23 21 13 23-2830	LF	3/4" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	20.16	7.62
23 21 13 23-2831	LF	7/8" Inside Diameter Aluminum Pipe/Tubing Assembly Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.	23.21	8.51
23 21 13 23-2832	LF	1" Inside Diameter Aluminum Pipe/Tubing Assembly	27.19	8.95

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 16 Hydronic Piping Specialties *(23 21)*

23 21 16 00-0001 Y-Type Strainers *(23 21 16)*

23 21 16 00-0002 Screwed Ends, 250 LB, Iron Body, Y-Type Strainers *(23 21 16 00-0001)*

23 21 16 00-0003	EA	1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	70.81	10.90
		For Galvanized Body, Add	*19.83*	
		For Work In Restricted Working Space, Add	*9.35*	
23 21 16 00-0004	EA	1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	71.29	11.10
		For Galvanized Body, Add	*19.83*	
		For Work In Restricted Working Space, Add	*9.49*	
23 21 16 00-0005	EA	3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	90.17	14.99
		For Galvanized Body, Add	*23.67*	
		For Work In Restricted Working Space, Add	*12.85*	
23 21 16 00-0006	EA	1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	115.06	17.91
		For Galvanized Body, Add	*31.99*	
		For Work In Restricted Working Space, Add	*15.33*	
23 21 16 00-0007	EA	1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	150.90	22.14
		For Galvanized Body, Add	*43.82*	
		For Work In Restricted Working Space, Add	*18.98*	
23 21 16 00-0008	EA	1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	173.68	23.84
		For Galvanized Body, Add	*52.78*	
		For Work In Restricted Working Space, Add	*20.44*	
23 21 16 00-0009	EA	2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	240.33	27.25
		For Galvanized Body, Add	*81.24*	
		For Work In Restricted Working Space, Add	*23.36*	
23 21 16 00-0010	EA	2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	462.58	34.06
		For Galvanized Body, Add	*182.63*	
		For Work In Restricted Working Space, Add	*29.20*	
23 21 16 00-0011	EA	3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	598.86	42.62
		For Galvanized Body, Add	*238.60*	
		For Work In Restricted Working Space, Add	*36.50*	

23 21 16 00-0012 Flanged, 125 LB, Iron Body , Y-Type Strainers *(23 21 16 00-0001)*

23 21 16 00-0013	EA	1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer	221.71	102.19
		For Galvanized Body, Add	*46.83*	
		For Work In Restricted Working Space, Add	*38.42*	
23 21 16 00-0014	EA	2" Flanged, 125 LB, Iron Body, Y-Type Strainer	263.57	129.73
		For Galvanized Body, Add	*50.68*	
		For Work In Restricted Working Space, Add	*48.66*	
23 21 16 00-0015	EA	3" Flanged, 125 LB, Iron Body, Y-Type Strainer	448.70	165.45
		For Galvanized Body, Add	*120.82*	
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0016	EA	4" Flanged, 125 LB, Iron Body, Y-Type Strainer	621.78	277.37
		For Galvanized Body, Add	*137.10*	
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0017	EA	5" Flanged, 125 LB, Iron Body, Y-Type Strainer	647.56	273.05
		For Galvanized Body, Add	*153.39*	
		For Work In Restricted Working Space, Add	*102.24*	
23 21 16 00-0018	EA	6" Flanged, 125 LB, Iron Body, Y-Type Strainer	761.59	303.39
		For Galvanized Body, Add	*190.50*	
		For Work In Restricted Working Space, Add	*114.18*	
23 21 16 00-0019	EA	8" Flanged, 125 LB, Iron Body, Y-Type Strainer	1,231.94	387.67
		For Galvanized Body, Add	*375.18*	
		For Work In Restricted Working Space, Add	*144.47*	
23 21 16 00-0020	EA	10" Flanged, 125 LB, Iron Body, Y-Type Strainer	2,262.35	471.94
		For Galvanized Body, Add	*836.22*	
		For Work In Restricted Working Space, Add	*176.98*	
23 21 16 00-0021	EA	12" Flanged, 125 LB, Iron Body, Y-Type Strainer	2,581.71	421.37
		For Galvanized Body, Add	*869.48*	
		For Work In Restricted Working Space, Add	*252.83*	

23 21 16 00-0022 Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers *(23 21 16 00-0001)*

Note: With screwed cap (4" size has bolted cap).

23 21 16 00-0023	EA	1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	53.17	11.10
		For 300 LB Rating, Add	*36.62*	
		For Work In Restricted Working Space, Add	*9.49*	
23 21 16 00-0024	EA	3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	70.83	14.99
		For 300 LB Rating, Add	*47.60*	
		For Work In Restricted Working Space, Add	*12.85*	
23 21 16 00-0025	EA	1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	86.36	17.91
		For 300 LB Rating, Add	*59.96*	
		For Work In Restricted Working Space, Add	*15.33*	
23 21 16 00-0026	EA	1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	107.42	22.14
		For 300 LB Rating, Add	*75.07*	
		For Work In Restricted Working Space, Add	*18.98*	
23 21 16 00-0027	EA	1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	125.48	23.84
		For 300 LB Rating, Add	*97.50*	
		For Work In Restricted Working Space, Add	*20.44*	
23 21 16 00-0028	EA	2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	171.01	27.25
		For 300 LB Rating, Add	*158.37*	
		For Work In Restricted Working Space, Add	*23.36*	
23 21 16 00-0029	EA	2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	251.06	34.06
		For 300 LB Rating, Add	*261.36*	
		For Work In Restricted Working Space, Add	*29.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0030	EA	3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	440.41	42.62
		For 300 LB Rating, Add	*541.88*	
		For Work In Restricted Working Space, Add	*36.50*	
23 21 16 00-0031	EA	4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	750.92	51.09
		For 300 LB Rating, Add	*1,028.40*	
		For Work In Restricted Working Space, Add	*43.79*	
23 21 16 00-0032		Flanged, 150 LB, Bronze Body, Y-Type Strainers *(23 21 16 00-0001)*		
		Note: With bolted cap.		
23 21 16 00-0033	EA	2" Flanged, 150 LB, Bronze Body, Y-Type Strainer	429.78	129.73
		For 300 LB Rating, Add	*160.54*	
		For Work In Restricted Working Space, Add	*48.66*	
23 21 16 00-0034	EA	2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer	449.57	141.12
		For 300 LB Rating, Add	*163.57*	
		For Work In Restricted Working Space, Add	*53.09*	
23 21 16 00-0035	EA	3" Flanged, 150 LB, Bronze Body, Y-Type Strainer	519.24	165.45
		For 300 LB Rating, Add	*187.30*	
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0036	EA	4" Flanged, 150 LB, Bronze Body, Y-Type Strainer	1,106.10	277.37
		For 300 LB Rating, Add	*455.11*	
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0037	EA	6" Flanged, 150 LB, Bronze Body, Y-Type Strainer	1,530.38	303.39
		For 300 LB Rating, Add	*689.87*	
		For Work In Restricted Working Space, Add	*114.18*	
23 21 16 00-0038	EA	8" Flanged, 150 LB, Bronze Body, Y-Type Strainer	2,443.78	387.67
		For 300 LB Rating, Add	*1,177.32*	
		For Work In Restricted Working Space, Add	*144.47*	
23 21 16 00-0039	EA	10" Flanged, 150 LB, Bronze Body, Y-Type Strainer	7,632.51	471.94
		For 300 LB Rating, Add	*4,225.55*	
		For Work In Restricted Working Space, Add	*176.98*	
23 21 16 00-0040		Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0001)*		
23 21 16 00-0041		Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0040)*		
23 21 16 00-0042	EA	1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	85.85	10.70
		For Work In Restricted Working Space, Add	*9.34*	
23 21 16 00-0043	EA	3/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	102.97	14.69
		For Work In Restricted Working Space, Add	*12.55*	
23 21 16 00-0044	EA	1" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	124.12	19.94
		For Work In Restricted Working Space, Add	*17.22*	
23 21 16 00-0045	EA	1-1/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	183.79	21.40
		For Work In Restricted Working Space, Add	*18.39*	
23 21 16 00-0046	EA	1-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	187.58	23.15
		For Work In Restricted Working Space, Add	*19.85*	
23 21 16 00-0047	EA	2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	218.81	26.27
		For Work In Restricted Working Space, Add	*22.47*	
23 21 16 00-0048	EA	2-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	439.79	34.05
		For Work In Restricted Working Space, Add	*29.19*	
23 21 16 00-0049	EA	3" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	442.72	42.61
		For Work In Restricted Working Space, Add	*36.49*	
23 21 16 00-0050	EA	4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	691.91	45.34
		For Work In Restricted Working Space, Add	*38.82*	
23 21 16 00-0051		Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainers *(23 21 16 00-0040)*		
23 21 16 00-0052	EA	2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	360.66	60.80
		For Work In Restricted Working Space, Add	*36.49*	
23 21 16 00-0053	EA	2-1/2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	680.65	79.30
		For Work In Restricted Working Space, Add	*47.57*	
23 21 16 00-0054	EA	3" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	702.92	165.39
		For Work In Restricted Working Space, Add	*62.10*	
23 21 16 00-0055	EA	4" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer	1,146.65	277.28
		For Work In Restricted Working Space, Add	*104.24*	
23 21 16 00-0056		Class 125, Crimped Bronze Body, Y-Type Strainers *(23 21 16 00-0001)*		
		Note: Nibco®		
23 21 16 00-0057	EA	1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	122.81	9.72
		For Work In Restricted Working Space, Add	*6.57*	
23 21 16 00-0058	EA	3/4" Class 125, Crimped Bronze Body, Y-Type Strainer	142.23	10.70
		For Work In Restricted Working Space, Add	*7.48*	
23 21 16 00-0059	EA	1" Class 125, Crimped Bronze Body, Y-Type Strainer	201.98	12.16
		For Work In Restricted Working Space, Add	*8.94*	
23 21 16 00-0060	EA	1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer	270.18	12.94
		For Work In Restricted Working Space, Add	*9.85*	
23 21 16 00-0061	EA	1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer	325.03	14.98
		For Work In Restricted Working Space, Add	*10.95*	
23 21 16 00-0062	EA	2" Class 125, Crimped Bronze Body, Y-Type Strainer	480.45	17.71
		For Work In Restricted Working Space, Add	*13.13*	
23 21 16 00-0063		250 PSI, Crimped Bronze Body, Y-Type Strainers *(23 21 16 00-0001)*		
23 21 16 00-0064	EA	1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	57.38	9.72
23 21 16 00-0065	EA	3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	69.67	10.70
23 21 16 00-0066	EA	1" 250 PSI, Crimped Bronze Body, Y-Type Strainer	100.77	12.16

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0067	EA	1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer	122.45	12.94
23 21 16 00-0068	EA	1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	145.59	14.98
23 21 16 00-0069	EA	2" 250 PSI, Crimped Bronze Body, Y-Type Strainer	190.36	17.71

23 21 16 00-0070 Cast Iron Body, Suction Diffusers *(23 21 16)*

Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.

23 21 16 00-0071	EA	2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	412.18	38.35
		For Work In Restricted Working Space, Add	*18.77*	
23 21 16 00-0072	EA	2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	433.09	42.53
		For Work In Restricted Working Space, Add	*20.85*	
23 21 16 00-0073	EA	2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	440.11	44.67
		For Work In Restricted Working Space, Add	*21.91*	
23 21 16 00-0074	EA	2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	834.20	141.12
		For Work In Restricted Working Space, Add	*53.09*	
23 21 16 00-0075	EA	3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	455.38	51.97
		For Work In Restricted Working Space, Add	*25.44*	
23 21 16 00-0076	EA	3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	514.81	51.97
		For Work In Restricted Working Space, Add	*25.44*	
23 21 16 00-0077	EA	3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	873.72	153.61
		For Work In Restricted Working Space, Add	*57.60*	
23 21 16 00-0078	EA	3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	892.28	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0079	EA	4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,084.89	221.86
		For Work In Restricted Working Space, Add	*83.20*	
23 21 16 00-0080	EA	4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,277.51	277.37
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0081	EA	6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,452.51	272.64
		For Work In Restricted Working Space, Add	*102.24*	
23 21 16 00-0082	EA	6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,754.51	303.39
		For Work In Restricted Working Space, Add	*114.18*	
23 21 16 00-0083	EA	8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,984.84	387.67
		For Work In Restricted Working Space, Add	*144.47*	
23 21 16 00-0084	EA	8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	3,065.09	387.67
		For Work In Restricted Working Space, Add	*144.47*	
23 21 16 00-0085	EA	10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	3,502.05	471.94
		For Work In Restricted Working Space, Add	*176.98*	
23 21 16 00-0086	EA	10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	4,092.87	471.94
		For Work In Restricted Working Space, Add	*176.98*	

23 21 16 00-0087 Duplex Strainers *(23 21 16)*

23 21 16 00-0088 Iron Body, Duplex Strainers *(23 21 16 00-0087)*

23 21 16 00-0089 Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0088)*

Note: With brass or stainless steel basket.

23 21 16 00-0090	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	597.75	24.23
		For Work In Restricted Working Space, Add	*14.55*	
23 21 16 00-0091	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	667.70	27.74
		For Work In Restricted Working Space, Add	*16.66*	
23 21 16 00-0092	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	903.35	32.60
		For Work In Restricted Working Space, Add	*19.55*	
23 21 16 00-0093	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,135.21	35.52
		For Work In Restricted Working Space, Add	*21.31*	
23 21 16 00-0094	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,520.10	43.31
		For Work In Restricted Working Space, Add	*26.07*	
23 21 16 00-0095	EA	2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,913.15	55.47
		For Work In Restricted Working Space, Add	*33.28*	

23 21 16 00-0096 Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers *(23 21 16 00-0088)*

Note: With brass or stainless steel basket.

23 21 16 00-0097	EA	2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,078.86	129.73
		For Work In Restricted Working Space, Add	*48.66*	
23 21 16 00-0098	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,150.83	141.12
		For Work In Restricted Working Space, Add	*53.09*	
23 21 16 00-0099	EA	3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,753.07	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0100	EA	4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	4,305.92	240.18
		For Work In Restricted Working Space, Add	*90.29*	
23 21 16 00-0101	EA	6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	8,390.49	303.39
		For Work In Restricted Working Space, Add	*114.18*	
23 21 16 00-0102	EA	8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	15,929.22	387.67
		For Work In Restricted Working Space, Add	*144.47*	
23 21 16 00-0103	EA	10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	21,987.77	471.94
		For Work In Restricted Working Space, Add	*176.98*	
23 21 16 00-0104	EA	12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	24,991.16	594.98
		For Work In Restricted Working Space, Add	*357.10*	
23 21 16 00-0105	EA	14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	29,678.36	674.21
		For Work In Restricted Working Space, Add	*252.83*	
23 21 16 00-0106	EA	16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	37,085.96	741.62
		For Work In Restricted Working Space, Add	*278.11*	

23 21 16 00-0107 Bronze Body, Duplex Strainers *(23 21 16 00-0087)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0108		Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers *(23 21 16 00-0107)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0109	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,106.95	24.34
		For Work In Restricted Working Space, Add	*14.55*	
23 21 16 00-0110	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,228.40	27.74
		For Work In Restricted Working Space, Add	*16.66*	
23 21 16 00-0111	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,795.88	32.60
		For Work In Restricted Working Space, Add	*19.55*	
23 21 16 00-0112	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	2,359.58	35.52
		For Work In Restricted Working Space, Add	*21.31*	
23 21 16 00-0113	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	3,047.70	43.31
		For Work In Restricted Working Space, Add	*26.07*	
23 21 16 00-0114	EA	2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	3,743.98	55.47
		For Work In Restricted Working Space, Add	*33.28*	
23 21 16 00-0115		Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers *(23 21 16 00-0107)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0116	EA	2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	4,281.58	129.73
		For Work In Restricted Working Space, Add	*48.66*	
23 21 16 00-0117	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	4,410.76	141.12
		For Work In Restricted Working Space, Add	*53.09*	
23 21 16 00-0118	EA	3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	6,042.85	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0119	EA	4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	9,512.35	240.18
		For Work In Restricted Working Space, Add	*90.29*	
23 21 16 00-0120	EA	6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	20,634.18	303.39
		For Work In Restricted Working Space, Add	*114.18*	
23 21 16 00-0121		Cast Steel Body, Duplex Strainers *(23 21 16 00-0087)*		
23 21 16 00-0122		Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0121)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0123	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	1,721.44	27.74
		For Work In Restricted Working Space, Add	*16.66*	
23 21 16 00-0124	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,119.80	32.60
		For Work In Restricted Working Space, Add	*19.55*	
23 21 16 00-0125	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,514.41	35.52
		For Work In Restricted Working Space, Add	*21.32*	
23 21 16 00-0126	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	4,251.71	43.31
		For Work In Restricted Working Space, Add	*26.07*	
23 21 16 00-0127		Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0121)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0128	EA	2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	4,354.78	129.73
		For Work In Restricted Working Space, Add	*48.66*	
23 21 16 00-0129	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	4,786.01	141.12
		For Work In Restricted Working Space, Add	*53.09*	
23 21 16 00-0130	EA	3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	6,287.69	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0131	EA	4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	9,213.67	240.18
		For Work In Restricted Working Space, Add	*90.29*	
23 21 16 00-0132	EA	6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	15,707.09	303.39
		For Work In Restricted Working Space, Add	*114.18*	
23 21 16 00-0133	EA	8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	30,579.25	387.67
		For Work In Restricted Working Space, Add	*144.47*	
23 21 16 00-0134		Stainless Steel Body, Duplex Strainers *(23 21 16 00-0087)*		
23 21 16 00-0135		Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0134)*		
		Note: With stainless steel basket.		
23 21 16 00-0136	EA	1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	4,437.01	27.74
		For Work In Restricted Working Space, Add	*16.66*	
23 21 16 00-0137	EA	1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	5,606.94	32.60
		For Work In Restricted Working Space, Add	*19.55*	
23 21 16 00-0138	EA	1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	6,765.01	35.52
		For Work In Restricted Working Space, Add	*21.32*	
23 21 16 00-0139	EA	2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	10,837.78	43.31
		For Work In Restricted Working Space, Add	*26.07*	
23 21 16 00-0140		Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0134)*		
		Note: With stainless steel basket.		
23 21 16 00-0141	EA	2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	11,359.36	129.73
		For Work In Restricted Working Space, Add	*48.66*	
23 21 16 00-0142	EA	2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	11,942.08	141.12
		For Work In Restricted Working Space, Add	*53.09*	
23 21 16 00-0143	EA	3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	18,706.71	165.45
		For Work In Restricted Working Space, Add	*62.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0144	EA	4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	22,857.55	240.18
		For Work In Restricted Working Space, Add	*90.29*	
23 21 16 00-0145	EA	6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	40,138.59	303.39
		For Work In Restricted Working Space, Add	*114.18*	
23 21 16 00-0146	EA	8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	74,155.56	387.67
		For Work In Restricted Working Space, Add	*144.47*	

23 21 16 00-0147 Horizontal Steel Expansion Tanks *(23 21 16)*

Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.

23 21 16 00-0148	EA	10 Gallon Horizontal Steel Expansion Tank	496.88	97.32
23 21 16 00-0149	EA	15 Gallon Horizontal Steel Expansion Tank	696.67	121.66
23 21 16 00-0150	EA	30 Gallon Horizontal Steel Expansion Tank	907.80	145.98
23 21 16 00-0151	EA	40 Gallon Horizontal Steel Expansion Tank	1,045.85	170.32
23 21 16 00-0152	EA	60 Gallon Horizontal Steel Expansion Tank	1,186.19	168.55

23 21 16 00-0153 Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks *(23 21 16)*

Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.

23 21 16 00-0154	EA	7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,498.15	73.00
23 21 16 00-0155	EA	10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,561.78	85.16
23 21 16 00-0156	EA	21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,337.31	97.32
23 21 16 00-0157	EA	33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,430.99	109.49
23 21 16 00-0158	EA	44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,303.60	121.66
23 21 16 00-0159	EA	55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,482.80	133.82
23 21 16 00-0160	EA	68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,145.07	145.98
23 21 16 00-0161	EA	77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,435.21	158.15
23 21 16 00-0162	EA	90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,889.47	170.32
23 21 16 00-0163	EA	110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,021.34	194.64
23 21 16 00-0164	EA	132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	6,306.59	218.98
23 21 16 00-0165	EA	158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	7,233.59	243.31
23 21 16 00-0166	EA	211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	8,394.16	291.97

23 21 16 00-0167 Vertical Diaphragm Type (Bladder) Steel Expansion Tanks *(23 21 16)*

Note: ASME. Precharged with working pressure 125 psi (Armstrong AX)

23 21 16 00-0168	EA	8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,710.80	73.00
23 21 16 00-0169	EA	11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,762.87	85.16
23 21 16 00-0170	EA	22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,531.47	97.32
23 21 16 00-0171	EA	34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,701.42	109.49
23 21 16 00-0172	EA	44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,439.98	121.66
23 21 16 00-0173	EA	56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,616.86	133.82
23 21 16 00-0174	EA	67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,415.51	145.98
23 21 16 00-0175	EA	77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,772.68	158.15
23 21 16 00-0176	EA	91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,280.09	170.32
23 21 16 00-0177	EA	111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,405.03	194.64
23 21 16 00-0178	EA	132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	6,655.62	218.98
23 21 16 00-0179	EA	158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	7,725.91	243.31
23 21 16 00-0180	EA	211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	8,895.73	291.97

23 21 16 00-0181 Diaphragm Type (Residential Style) Steel Expansion Tanks *(23 21 16)*

23 21 16 00-0182	EA	2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1)	64.65	8.95
23 21 16 00-0183	EA	4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1)	90.42	8.95

23 21 16 00-0184 Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks *(23 21 16)*

23 21 16 00-0185	EA	15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	837.29	292.06
23 21 16 00-0186	EA	20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	863.04	292.06
23 21 16 00-0187	EA	30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	888.80	292.06
23 21 16 00-0188	EA	40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	955.75	292.06
23 21 16 00-0189	EA	47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,173.22	389.19
23 21 16 00-0190	EA	60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,327.61	389.39
23 21 16 00-0191	EA	80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,358.20	389.39
23 21 16 00-0192	EA	87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,388.80	389.39
23 21 16 00-0193	EA	120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,760.23	486.61
23 21 16 00-0194	EA	187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	4,353.93	486.61
23 21 16 00-0195	EA	264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	5,510.42	583.74

23 21 16 00-0196 Vent Valves *(23 21 16)*

23 21 16 00-0197	EA	1/8", 1.5 PSIG Operating Pressure, Non Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	55.84	14.60
23 21 16 00-0198	EA	1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	123.49	15.69
23 21 16 00-0199	EA	1/2" x 3/4", 3 PSIG Operating Pressure, Non Vacuum Main Steam Air Vent Valve (Hoffman 75)	118.15	15.69
23 21 16 00-0200	EA	1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	121.89	15.69
23 21 16 00-0201	EA	3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	154.61	15.69
23 21 16 00-0202	EA	1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	116.68	15.69

23 21 16 00-0203 Threaded Inlet, Drip-Pan Elbow *(23 21 16)*

23 21 16 00-0204 Cast Iron, Threaded Inlet, Drip-Pan Elbow *(23 21 16 00-0203)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0205	EA	2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	203.69	24.50
		For Flanged Inlet, Add	*72.51*	
23 21 16 00-0206	EA	3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	231.56	29.04
		For Flanged Inlet, Add	*77.84*	
23 21 16 00-0207	EA	3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	289.87	33.57
		For Flanged Inlet, Add	*105.01*	
23 21 16 00-0208	EA	4" Cast Iron, Threaded Inlet, Drip-Pan Elbow	425.53	38.11
		For Flanged Inlet, Add	*184.76*	
23 21 16 00-0209	EA	5" Cast Iron, Threaded Inlet, Drip-Pan Elbow	481.87	45.38
		For Flanged Inlet, Add	*204.25*	
23 21 16 00-0210	EA	6" Cast Iron, Threaded Inlet, Drip-Pan Elbow	665.82	57.18
		For Flanged Inlet, Add	*298.48*	
23 21 16 00-0211	EA	8" Cast Iron, Threaded Inlet, Drip-Pan Elbow	1,470.51	75.32
		For Flanged Inlet, Add	*794.25*	

23 21 16 00-0212 Cast Steel, Threaded Inlet, Drip-Pan Elbow *(23 21 16 00-0203)*

23 21 16 00-0213	EA	2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	388.77	24.50
		For Flanged Inlet, Add	*198.36*	
23 21 16 00-0214	EA	3" Cast Steel, Threaded Inlet, Drip-Pan Elbow	470.56	29.04
		For Flanged Inlet, Add	*240.36*	
23 21 16 00-0215	EA	3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	662.23	33.57
		For Flanged Inlet, Add	*358.22*	
23 21 16 00-0216	EA	4" Cast Steel, Threaded Inlet, Drip-Pan Elbow	680.61	38.11
		For Flanged Inlet, Add	*358.22*	
23 21 16 00-0217	EA	5" Cast Steel, Threaded Inlet, Drip-Pan Elbow	967.48	45.38
		For Flanged Inlet, Add	*534.47*	
23 21 16 00-0218	EA	6" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,012.86	57.18
		For Flanged Inlet, Add	*534.47*	
23 21 16 00-0219	EA	8" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,652.21	75.32
		For Flanged Inlet, Add	*917.81*	

23 21 16 00-0220 Pressure Regulating Valve *(23 21 16)*

23 21 16 00-0221 Screwed Ends, Water Pressure Reducing Valves *(23 21 16 00-0220)*

Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating, iron construction.

23 21 16 00-0222	EA	1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	203.45	12.16
		For Work In Restricted Working Space, Add	*14.59*	
23 21 16 00-0223	EA	3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	251.35	13.62
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0224	EA	1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	332.31	14.59
		For Work In Restricted Working Space, Add	*17.17*	
23 21 16 00-0225	EA	1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	573.33	16.34
		For Work In Restricted Working Space, Add	*19.46*	
23 21 16 00-0226	EA	1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	779.25	19.46
		For Work In Restricted Working Space, Add	*23.35*	
23 21 16 00-0227	EA	2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,115.80	29.82
		For Work In Restricted Working Space, Add	*35.82*	
23 21 16 00-0228	EA	2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,213.31	33.58
		For Work In Restricted Working Space, Add	*40.30*	
23 21 16 00-0229	EA	3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,333.00	97.17
		For Work In Restricted Working Space, Add	*44.78*	

23 21 16 00-0230 Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0220)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0231 Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0230)*

23 21 16 00-0232	EA	1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	344.12	16.35
		For Work In Restricted Working Space, Add	*19.60*	
23 21 16 00-0233	EA	3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	429.96	23.16
		For Work In Restricted Working Space, Add	*27.81*	
23 21 16 00-0234	EA	1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	553.18	28.23
		For Work In Restricted Working Space, Add	*33.95*	
23 21 16 00-0235	EA	1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	741.91	34.25
		For Work In Restricted Working Space, Add	*39.45*	
23 21 16 00-0236	EA	1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	998.30	38.93
		For Work In Restricted Working Space, Add	*44.92*	
23 21 16 00-0237	EA	2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,166.82	54.45
		For Work In Restricted Working Space, Add	*54.45*	

23 21 16 00-0238 Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0230)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0239	EA	2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	2,712.04	131.59
		For Work In Restricted Working Space, Add	*49.50*	
23 21 16 00-0240	EA	3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,373.30	154.28
		For Work In Restricted Working Space, Add	*57.93*	
23 21 16 00-0241	EA	4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	4,332.32	258.63
		For Work In Restricted Working Space, Add	*97.23*	
23 21 16 00-0242	EA	6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	10,819.59	303.28
		For Work In Restricted Working Space, Add	*114.14*	

23 21 16 00-0243 Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0220)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0244		Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0243)*		
23 21 16 00-0245	EA	1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	1,970.72	11.87
		For Work In Restricted Working Space, Add	*17.81*	
23 21 16 00-0246	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,012.18	11.87
		For Work In Restricted Working Space, Add	*17.81*	
23 21 16 00-0247	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,142.90	14.99
		For Work In Restricted Working Space, Add	*22.48*	
23 21 16 00-0248	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,517.98	19.07
		For Work In Restricted Working Space, Add	*28.61*	
23 21 16 00-0249	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,882.61	21.99
		For Work In Restricted Working Space, Add	*32.99*	
23 21 16 00-0250	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,574.50	25.88
		For Work In Restricted Working Space, Add	*38.83*	
23 21 16 00-0251		Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0243)*		
23 21 16 00-0252	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	4,416.06	131.59
		For Work In Restricted Working Space, Add	*49.50*	
23 21 16 00-0253	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	5,448.19	154.28
		For Work In Restricted Working Space, Add	*57.93*	
23 21 16 00-0254	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	8,250.51	258.63
		For Work In Restricted Working Space, Add	*97.23*	
23 21 16 00-0255	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	18,163.06	303.28
		For Work In Restricted Working Space, Add	*114.14*	
23 21 16 00-0256		Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves *(23 21 16 00-0220)*		
23 21 16 00-0257	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	228.90	12.65
23 21 16 00-0258	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	283.80	14.01
23 21 16 00-0259	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	377.54	14.88
23 21 16 00-0260	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	656.94	16.93
23 21 16 00-0261	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	894.56	20.23
23 21 16 00-0262	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,279.64	30.99
23 21 16 00-0263	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,386.24	33.76
23 21 16 00-0264	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,527.64	38.86
23 21 16 00-0265		Screwed Ends, Bronze Body, Water Pressure Reducing Valves *(23 21 16 00-0220)*		
		Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0266	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	143.95	12.16
23 21 16 00-0267	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	158.30	13.62
23 21 16 00-0268	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	195.03	15.08
23 21 16 00-0269	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	450.25	16.34
23 21 16 00-0270	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	489.28	19.46
23 21 16 00-0271	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	768.32	29.82
23 21 16 00-0272		Plastic Pressure Regulator *(23 21 16 00-0220)*		
23 21 16 00-0273		Polyvinyl Chloride (PVC) Pressure Regulator Valves *(23 21 16 00-0272)*		
23 21 16 00-0274	EA	1/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	267.20	14.59
23 21 16 00-0275	EA	1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	294.34	20.23
23 21 16 00-0276	EA	3/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve	526.37	24.33
23 21 16 00-0277	EA	1" Polyvinyl Chloride (PVC) Pressure Regulator Valve	592.36	32.49
23 21 16 00-0278	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	699.86	38.92
23 21 16 00-0279	EA	2" Polyvinyl Chloride (PVC) Pressure Regulator Valve	853.15	60.80
23 21 16 00-0280		Polypropylene Pressure Regulator Valves *(23 21 16 00-0272)*		
23 21 16 00-0281	EA	1/4" Polypropylene Pressure Regulator Valve	341.84	14.59
23 21 16 00-0282	EA	1/2" Polypropylene Pressure Regulator Valve	418.75	20.44
23 21 16 00-0283	EA	3/4" Polypropylene Pressure Regulator Valve	644.81	24.33
23 21 16 00-0284	EA	1" Polypropylene Pressure Regulator Valve	761.56	32.49
23 21 16 00-0285	EA	1-1/2" Polypropylene Pressure Regulator Valve	888.96	38.92
23 21 16 00-0286	EA	2" Polypropylene Pressure Regulator Valve	1,096.00	60.80
23 21 16 00-0287		Teflon (PTFE) Pressure Regulator Valves *(23 21 16 00-0272)*		
23 21 16 00-0288	EA	1/4" Teflon (PTFE) Pressure Regulator Valve	734.98	14.59
23 21 16 00-0289	EA	1/2" Teflon (PTFE) Pressure Regulator Valve	841.74	20.23
23 21 16 00-0290	EA	3/4" Teflon Pressure Regulator Valve	1,422.13	24.33
23 21 16 00-0291	EA	1" Teflon (PTFE) Pressure Regulator Valve	1,965.84	32.49
23 21 16 00-0292	EA	1-1/2" Teflon (PTFE) Pressure Regulator Valve	2,371.93	38.92
23 21 16 00-0293	EA	2" Teflon (PTFE) Pressure Regulator Valve	3,316.47	60.80
23 21 16 00-0294		Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valves *(23 21 16 00-0272)*		
23 21 16 00-0295	EA	1/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	237.94	14.59
23 21 16 00-0296	EA	1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	271.59	20.23
23 21 16 00-0297	EA	3/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	439.57	24.33
23 21 16 00-0298	EA	1" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	521.10	32.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0299	EA	1-1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve	606.19	38.92
23 21 16 00-0300		**Dual Unit Reducing And Relief Valve** *(23 21 16)*		
23 21 16 00-0301	EA	1/2" Dual Unit Reducing And Relief Valve	163.26	29.69
23 21 16 00-0302		**Safety Relief Valve** *(23 21 16)*		
		Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0303		**Threaded Inlet, Bronze Body Safety Valves** *(23 21 16 00-0302)*		
		Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		
23 21 16 00-0304	EA	1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	65.14	12.16
23 21 16 00-0305	EA	3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	88.25	13.38
23 21 16 00-0306	EA	1" x 1" Threaded Inlet, Bronze Body Safety Valve	125.73	16.29
23 21 16 00-0307	EA	1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	160.39	17.27
23 21 16 00-0308	EA	1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	220.46	23.11
23 21 16 00-0309	EA	2" x 2" Threaded Inlet, Bronze Body Safety Valve	293.56	27.24
23 21 16 00-0310	EA	2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	334.71	34.05
23 21 16 00-0311		**Plastic Pressure Relief Valves** *(23 21 16 00-0302)*		
23 21 16 00-0312		**Polyvinyl Chloride (PVC) Pressure Relief Valves** *(23 21 16 00-0311)*		
23 21 16 00-0313	EA	1/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	219.09	14.59
23 21 16 00-0314	EA	1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	239.60	20.44
23 21 16 00-0315	EA	3/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	455.05	24.33
23 21 16 00-0316	EA	1" Polyvinyl Chloride (PVC) Pressure Relief Valve	537.62	32.59
23 21 16 00-0317	EA	1-1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	699.86	38.92
23 21 16 00-0318	EA	2" Polyvinyl Chloride (PVC) Pressure Relief Valve	868.08	60.80
23 21 16 00-0319		**Polypropylene Pressure Relief Valves** *(23 21 16 00-0311)*		
23 21 16 00-0320	EA	1/4" Polypropylene Pressure Relief Valve	252.27	14.59
23 21 16 00-0321	EA	1/2" Polypropylene Pressure Relief Valve	289.36	20.23
23 21 16 00-0322	EA	3/4" Polypropylene Pressure Relief Valve	571.16	24.33
23 21 16 00-0323	EA	1" Polypropylene Pressure Relief Valve	662.03	32.49
23 21 16 00-0324	EA	1-1/2" Polypropylene Pressure Relief Valve	1,172.62	38.92
23 21 16 00-0325	EA	2" Polypropylene Pressure Relief Valve	1,432.07	60.80
23 21 16 00-0326		**Teflon (PTFE) Pressure Relief Valves** *(23 21 16 00-0311)*		
23 21 16 00-0327	EA	1/4" Teflon (PTFE) Pressure Relief Valve	451.32	14.59
23 21 16 00-0328	EA	1/2" Teflon (PTFE) Pressure Relief Valve	496.71	20.23
23 21 16 00-0329	EA	3/4" Teflon (PTFE) Pressure Relief Valve	944.39	24.33
23 21 16 00-0330	EA	1" Teflon (PTFE) Pressure Relief Valve	1,109.90	32.49
23 21 16 00-0331	EA	1-1/2" Teflon (PTFE) Pressure Relief Valve	1,819.55	38.92
23 21 16 00-0332	EA	2" Teflon (PTFE) Pressure Relief Valve	2,344.41	60.80
23 21 16 00-0333		**Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valves** *(23 21 16 00-0311)*		
23 21 16 00-0334	EA	1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	225.76	20.23
23 21 16 00-0335	EA	3/4" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	257.27	24.33
23 21 16 00-0336	EA	1" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	312.49	32.40
23 21 16 00-0337	EA	1-1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	401.48	38.92
23 21 16 00-0338	EA	2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	504.75	60.80
23 21 16 00-0339		**Threaded, Bronze Body, Temperature And Pressure Relief Valves** *(23 21 16)*		
23 21 16 00-0340	EA	1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	71.08	24.81
		For Cast Iron Body, Add	*38.18*	
23 21 16 00-0341	EA	3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	91.18	29.77
		For Cast Iron Body, Add	*53.18*	
23 21 16 00-0342	EA	1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve	132.61	39.69
		For Cast Iron Body, Add	*84.69*	
23 21 16 00-0343	EA	1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	213.48	42.52
		For Cast Iron Body, Add	*179.99*	
23 21 16 00-0344	EA	1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	353.26	47.67
		For Cast Iron Body, Add	*344.31*	
23 21 16 00-0345	EA	2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	411.88	68.50
		For Cast Iron Body, Add	*374.93*	
23 21 16 00-0346		**Thermostatic Radiator Valves** *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0347	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015)	54.10	15.69
23 21 16 00-0348	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020)	65.96	21.16
23 21 16 00-0349	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025)	88.12	25.61
23 21 16 00-0350	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032)	128.27	32.44
23 21 16 00-0351	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014)	54.10	15.69
23 21 16 00-0352	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019)	65.96	21.16
23 21 16 00-0353	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024)	88.12	25.61
23 21 16 00-0354	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031)	128.27	32.44
23 21 16 00-0355	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240)	65.72	12.16
23 21 16 00-0356	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922)	96.73	17.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 16 00-0357 ASME Construction Compression Tanks *(23 21 16)*

Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height. See CSI section 22 12 00 00-0000 for other tanks.

23 21 16 00-0358	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank	912.03	171.29
		For Galvanized Steel Tanks, Add	*326.25*	
23 21 16 00-0359	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank	929.75	176.15
		For Galvanized Steel Tanks, Add	*331.06*	
23 21 16 00-0360	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank	1,015.28	182.00
		For Galvanized Steel Tanks, Add	*369.44*	
23 21 16 00-0361	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank	1,112.32	188.81
		For Galvanized Steel Tanks, Add	*412.61*	
23 21 16 00-0362	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank	1,299.65	199.51
		For Galvanized Steel Tanks, Add	*498.98*	
23 21 16 00-0363	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank	1,350.27	207.30
		For Galvanized Steel Tanks, Add	*518.17*	
23 21 16 00-0364	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank	1,675.30	225.79
		For Galvanized Steel Tanks, Add	*666.91*	
23 21 16 00-0365	EA	120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank	1,825.79	242.34
		For Galvanized Steel Tanks, Add	*729.27*	
23 21 16 00-0366	EA	144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank	2,274.86	273.48
		For Galvanized Steel Tanks, Add	*930.36*	
23 21 16 00-0367	EA	180 Gallon, 30" x 60" ASME Construction Compression Tank	2,892.85	313.38
		For Galvanized Steel Tanks, Add	*1,209.06*	
23 21 16 00-0368	EA	202 Gallon, 30" x 72" ASME Construction Compression Tank	3,468.34	347.44
		For Galvanized Steel Tanks, Add	*1,471.14*	
23 21 16 00-0369	EA	230 Gallon, 30" x 84" ASME Construction Compression Tank	3,793.03	377.61
		For Galvanized Steel Tanks, Add	*1,610.27*	
23 21 16 00-0370	EA	280 Gallon, 30" x 96" ASME Construction Compression Tank	4,798.40	414.59
		For Galvanized Steel Tanks, Add	*2,085.26*	
23 21 16 00-0371	EA	306 Gallon, 30" x 108" ASME Construction Compression Tank	4,948.94	442.82
		For Galvanized Steel Tanks, Add	*2,138.88*	
23 21 16 00-0372	EA	340 Gallon, 36" x 84" ASME Construction Compression Tank	6,387.71	475.91
		For Galvanized Steel Tanks, Add	*2,833.40*	
23 21 16 00-0373	EA	550 Gallon, 36" x 96" ASME Construction Compression Tank	10,664.33	558.63
		For Galvanized Steel Tanks, Add	*4,909.02*	

23 21 16 00-0374 Compression Tank Air Fittings *(23 21 16)*

23 21 16 00-0375	EA	9" To 24" Diameter Compression Tank Air Fittings	138.96	27.25
23 21 16 00-0376	EA	>100 Gallon Compression Tank Air Fittings	421.02	32.11

23 21 16 00-0377 Vortex Air Separators With Strainer *(23 21 16)*

Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.

23 21 16 00-0378	EA	2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N)	1,183.28	207.30
		For 300 PSIG, Add	*130.40*	
23 21 16 00-0379	EA	2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N)	1,461.28	237.47
		For 300 PSIG, Add	*165.12*	
23 21 16 00-0380	EA	3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N)	2,233.84	279.32
		For 300 PSIG, Add	*271.61*	
23 21 16 00-0381	EA	3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F)	2,387.26	295.66
		For 300 PSIG, Add	*290.90*	
23 21 16 00-0382	EA	4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F)	3,081.85	394.21
		For 300 PSIG, Add	*372.69*	
23 21 16 00-0383	EA	5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F)	3,867.90	458.46
		For 300 PSIG, Add	*476.08*	
23 21 16 00-0384	EA	6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F)	4,588.02	519.14
		For 300 PSIG, Add	*570.22*	
23 21 16 00-0385	EA	8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F)	6,592.05	622.79
		For 300 PSIG, Add	*847.22*	
23 21 16 00-0386	EA	10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F)	10,136.40	707.91
		For 300 PSIG, Add	*1,359.57*	
23 21 16 00-0387	EA	12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F)	13,671.40	916.08
		For 300 PSIG, Add	*1,842.50*	
23 21 16 00-0388	EA	14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F)	28,447.21	1,112.44
		For 300 PSIG, Add	*4,014.26*	
23 21 16 00-0389	EA	16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	35,117.54	1,334.92
		For 300 PSIG, Add	*4,964.24*	
23 21 16 00-0390	EA	18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)	45,811.77	1,557.41
		For 300 PSIG, Add	*6,517.81*	
23 21 16 00-0391	EA	20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F)	53,599.72	1,779.90
		For 300 PSIG, Add	*7,635.44*	

23 21 16 00-0392 Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0393	EA	2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N)	1,013.53	207.30
		For 300 PSIG, Add	*104.94*	
23 21 16 00-0394	EA	2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N)	1,276.10	237.47
		For 300 PSIG, Add	*137.35*	
23 21 16 00-0395	EA	3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N)	2,187.55	279.32
		For 300 PSIG, Add	*264.66*	
23 21 16 00-0396	EA	3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F)	1,980.88	295.66
		For 300 PSIG, Add	*229.94*	
23 21 16 00-0397	EA	4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F)	2,654.90	394.21
		For 300 PSIG, Add	*308.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0398	EA	5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F)	3,420.37	458.46
		For 300 PSIG, Add	*408.95*	
23 21 16 00-0399	EA	6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F)	3,981.02	519.14
		For 300 PSIG, Add	*479.17*	
23 21 16 00-0400	EA	8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)	10,943.90	622.79
		For 300 PSIG, Add	*1,500.00*	
23 21 16 00-0401	EA	10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)	7,363.76	707.91
		For 300 PSIG, Add	*943.67*	
23 21 16 00-0402	EA	12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)	11,341.79	916.08
		For 300 PSIG, Add	*1,493.06*	
23 21 16 00-0403	EA	14" Flanged, 6,100 GPM Vortex Air Separator (Rolairtrol RL-14F)	19,292.39	1,112.44
		For 300 PSIG, Add	*2,641.03*	
23 21 16 00-0404	EA	16" Flanged, 8,000 GPM Vortex Air Separator (Rolairtrol RL-16F)	24,438.69	1,334.92
		For 300 PSIG, Add	*3,362.41*	
23 21 16 00-0405	EA	18" Flanged, 9,700 GPM Vortex Air Separator (Rolairtrol RL-16F)	32,666.93	1,557.41
		For 300 PSIG, Add	*4,546.08*	
23 21 16 00-0406	EA	20" Flanged, 12,000 GPM Vortex Air Separator (Rolairtrol RL-20F)	44,660.81	1,779.90
		For 300 PSIG, Add	*6,294.60*	
23 21 16 00-0407	EA	22" Flanged, 15,000 GPM Vortex Air Separator (Rolairtrol RL-22F)	54,685.08	2,002.39
		For 300 PSIG, Add	*7,747.67*	
23 21 16 00-0408	EA	24" Flanged, 17,000 GPM Vortex Air Separator (Rolairtrol RL-24F)	64,709.36	2,224.87
		For 300 PSIG, Add	*9,200.75*	

23 21 16 00-0409 Grooved, With Strainer, Vortex Air Separators *(23 21 16)*

23 21 16 00-0410	EA	3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G)	2,091.90	236.52
23 21 16 00-0411	EA	4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G)	2,962.10	315.16
23 21 16 00-0412	EA	5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G)	3,729.07	366.43
23 21 16 00-0413	EA	6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G)	4,430.65	415.31
23 21 16 00-0414	EA	8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G)	6,392.98	498.37
23 21 16 00-0415	EA	10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G)	10,323.09	566.33
23 21 16 00-0416	EA	12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G)	15,711.63	732.94

23 21 16 00-0417 Grooved Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0418	EA	3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G)	1,670.09	236.52
23 21 16 00-0419	EA	4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G)	2,535.15	315.16
23 21 16 00-0420	EA	5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G)	3,281.54	366.43
23 21 16 00-0421	EA	6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G)	3,823.65	415.31
23 21 16 00-0422	EA	8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G)	5,106.97	498.37
23 21 16 00-0423	EA	10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G)	7,509.30	566.33
23 21 16 00-0424	EA	12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G)	12,466.70	732.94

23 21 16 00-0425 Removable Head, Air Eliminator And Dirt Separator *(23 21 16)*

Note: Spirovent VDN.

23 21 16 00-0426	EA	2", 45 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	3,487.22	207.30
23 21 16 00-0427	EA	2-1/2", 70 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	3,774.41	237.47
23 21 16 00-0428	EA	3", 95 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	5,044.25	279.32
23 21 16 00-0429	EA	4", 170 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	5,752.55	428.23
23 21 16 00-0430	EA	5", 260 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	8,415.05	529.44
23 21 16 00-0431	EA	6", 375 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	10,839.48	599.51
23 21 16 00-0432	EA	8", 625 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	16,952.58	135.28
23 21 16 00-0433	EA	10", 950 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	25,059.87	817.52
23 21 16 00-0434	EA	12", 1,400 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN)	32,389.59	1,057.90

23 21 16 00-0435 Air Eliminator And Dirt Separator *(23 21 16)*

Note: Spirovent VDT.

23 21 16 00-0436	EA	2", 45 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	3,427.14	207.30
23 21 16 00-0437	EA	2-1/2", 70 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	3,784.82	237.47
23 21 16 00-0438	EA	3", 95 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	4,189.96	279.32
23 21 16 00-0439	EA	4", 170 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	4,723.95	428.23
23 21 16 00-0440	EA	5", 260 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	5,487.84	529.44
23 21 16 00-0441	EA	6", 375 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT)	5,946.16	599.51

23 21 16 00-0442 High Velocity, Air Eliminator And Dirt Separator *(23 21 16)*

23 21 16 00-0443	EA	2", 105 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	3,738.30	207.30
23 21 16 00-0444	EA	2-1/2", 155 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	6,862.81	237.47
23 21 16 00-0445	EA	3", 225 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	7,145.11	279.32
23 21 16 00-0446	EA	4", 405 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	8,042.99	428.23
23 21 16 00-0447	EA	5", 630 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	9,304.70	529.44
23 21 16 00-0448	EA	6", 910 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT)	10,049.31	599.51

23 21 16 00-0449 Swivel Joints *(23 21 16)*

23 21 16 00-0450 Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) *(23 21 16 00-0449)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0451	EA	1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	281.70	25.59
23 21 16 00-0452	EA	1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	404.85	37.47
23 21 16 00-0453	EA	2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	566.43	43.79
23 21 16 00-0454	EA	3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	846.10	74.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0455	EA	4" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,071.37	85.16
		For Stainless Steel, Add	*1,351.58*	
23 21 16 00-0456	EA	2" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	791.94	129.73
		For Stainless Steel, Add	*944.60*	
23 21 16 00-0457	EA	3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,069.33	103.51
23 21 16 00-0458	EA	4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,367.38	277.38
23 21 16 00-0459	EA	6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	2,523.41	350.36

23 21 16 00-0460 Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) *(23 21 16 00-0449)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0461	EA	1" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	357.50	25.59
		For Stainless Steel, Add	*459.41*	
23 21 16 00-0462	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	440.66	37.47
		For Stainless Steel, Add	*548.69*	
23 21 16 00-0463	EA	2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	592.99	43.79
		For Stainless Steel, Add	*756.77*	
23 21 16 00-0464	EA	3" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	953.51	74.94
		For Stainless Steel, Add	*1,205.69*	
23 21 16 00-0465	EA	4" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,246.81	85.16
		For Stainless Steel, Add	*1,614.74*	
23 21 16 00-0466	EA	2" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	816.21	129.73
		For Stainless Steel, Add	*981.00*	
23 21 16 00-0467	EA	3" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,208.37	103.51
		For Stainless Steel, Add	*1,501.95*	
23 21 16 00-0468	EA	4" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	1,527.90	277.38
		For Stainless Steel, Add	*1,770.48*	
23 21 16 00-0469	EA	6" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)	2,634.26	350.36
		For Stainless Steel, Add	*3,292.11*	

23 21 16 00-0470 Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) *(23 21 16 00-0449)*

Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.

23 21 16 00-0471	EA	1" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	420.06	25.59
		For Stainless Steel, Add	*553.25*	
23 21 16 00-0472	EA	1-1/2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	488.39	37.47
		For Stainless Steel, Add	*620.28*	
23 21 16 00-0473	EA	2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	712.98	43.79
		For Stainless Steel, Add	*936.75*	
23 21 16 00-0474	EA	3" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,097.91	74.94
		For Stainless Steel, Add	*1,422.29*	
23 21 16 00-0475	EA	4" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,294.54	85.16
		For Stainless Steel, Add	*1,686.33*	
23 21 16 00-0476	EA	2" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	935.56	129.73
		For Stainless Steel, Add	*1,160.03*	
23 21 16 00-0477	EA	3" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,356.35	103.51
		For Stainless Steel, Add	*1,723.92*	
23 21 16 00-0478	EA	4" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	1,680.65	277.38
		For Stainless Steel, Add	*1,999.61*	
23 21 16 00-0479	EA	6" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40)	2,962.45	350.36
		For Stainless Steel, Add	*3,784.40*	

23 21 16 00-0480 Basket Strainers *(23 21 16)*

23 21 16 00-0481 Bronze Body Basket Strainers *(23 21 16 00-0480)*

23 21 16 00-0482 Screwed Ends, Bronze Body Basket Strainers *(23 21 16 00-0481)*

23 21 16 00-0483	EA	1/2" Screwed Ends, Bronze Body Basket Strainer	213.69	19.47
		For Work In Restricted Working Space, Add	*11.59*	
23 21 16 00-0484	EA	3/4" Screwed Ends, Bronze Body Basket Strainer	252.49	22.87
		For Work In Restricted Working Space, Add	*13.61*	
23 21 16 00-0485	EA	1" Screwed Ends, Bronze Body Basket Strainer	293.22	27.25
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0486	EA	1-1/4" Screwed Ends, Bronze Body Basket Strainer	363.51	30.17
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0487	EA	1-1/2" Screwed Ends, Bronze Body Basket Strainer	428.51	34.06
		For Work In Restricted Working Space, Add	*20.42*	
23 21 16 00-0488	EA	2" Screwed Ends, Bronze Body Basket Strainer	632.91	38.93
		For Work In Restricted Working Space, Add	*23.38*	
23 21 16 00-0489	EA	2-1/2" Screwed Ends, Bronze Body Basket Strainer	893.94	52.07
		For Work In Restricted Working Space, Add	*31.32*	
23 21 16 00-0490	EA	3" Screwed Ends, Bronze Body Basket Strainer	1,249.27	55.47
		For Work In Restricted Working Space, Add	*33.22*	

23 21 16 00-0491 Flanged, Bronze Body Basket Strainers *(23 21 16 00-0481)*

23 21 16 00-0492	EA	2" Flanged, Bronze Body Basket Strainer	1,003.25	129.73
		For Work In Restricted Working Space, Add	*48.66*	
23 21 16 00-0493	EA	2-1/2" Flanged, Bronze Body Basket Strainer	1,492.87	141.12
		For Work In Restricted Working Space, Add	*53.09*	
23 21 16 00-0494	EA	3" Flanged, Bronze Body Basket Strainer	1,694.62	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0495	EA	4" Flanged, Bronze Body Basket Strainer	2,864.97	277.37
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0496	EA	6" Flanged, Bronze Body Basket Strainer	5,358.17	303.39
		For Work In Restricted Working Space, Add	*114.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0497	EA	8" Flanged, Bronze Body Basket Strainer	9,721.56	387.67
		For Work In Restricted Working Space, Add	*144.47*	

23 21 16 00-0498 Iron Body Basket Strainers *(23 21 16 00-0480)*

23 21 16 00-0499 Screwed Ends, Iron Body Basket Strainers *(23 21 16 00-0498)*

23 21 16 00-0500	EA	1/2" Screwed Ends, Iron Body Basket Strainer	334.95	19.47
		For Work In Restricted Working Space, Add	*11.59*	
23 21 16 00-0501	EA	3/4" Screwed Ends, Iron Body Basket Strainer	377.05	22.87
		For Work In Restricted Working Space, Add	*13.61*	
23 21 16 00-0502	EA	1" Screwed Ends, Iron Body Basket Strainer	445.55	27.25
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0503	EA	1-1/4" Screwed Ends, Iron Body Basket Strainer	584.98	30.17
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0504	EA	1-1/2" Screwed Ends, Iron Body Basket Strainer	641.69	34.06
		For Work In Restricted Working Space, Add	*20.42*	
23 21 16 00-0505	EA	2" Screwed Ends, Iron Body Basket Strainer	763.04	38.93
		For Work In Restricted Working Space, Add	*23.38*	
23 21 16 00-0506	EA	2-1/2" Screwed Ends, Iron Body Basket Strainer	1,083.10	52.07
		For Work In Restricted Working Space, Add	*31.32*	
23 21 16 00-0507	EA	3" Screwed Ends, Iron Body Basket Strainer	1,225.36	55.47
		For Work In Restricted Working Space, Add	*33.22*	

23 21 16 00-0508 Flanged, Iron Body Basket Strainers *(23 21 16 00-0498)*

23 21 16 00-0509	EA	2" Flanged, Iron Body Basket Strainer	566.48	129.73
		For Work In Restricted Working Space, Add	*48.66*	
23 21 16 00-0510	EA	2-1/2" Flanged, Iron Body Basket Strainer	721.85	141.12
		For Work In Restricted Working Space, Add	*53.09*	
23 21 16 00-0511	EA	3" Flanged, Iron Body Basket Strainer	787.12	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0512	EA	4" Flanged, Iron Body Basket Strainer	1,220.58	277.37
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0513	EA	6" Flanged, Iron Body Basket Strainer	2,079.72	303.39
		For Work In Restricted Working Space, Add	*114.18*	
23 21 16 00-0514	EA	8" Flanged, Iron Body Basket Strainer	3,616.17	387.67
		For Work In Restricted Working Space, Add	*144.47*	
23 21 16 00-0515	EA	10" Flanged, Iron Body Basket Strainer	5,306.46	471.94
		For Work In Restricted Working Space, Add	*176.98*	
23 21 16 00-0516	EA	12" Flanged, Iron Body Basket Strainer	6,785.24	594.98
		For Work In Restricted Working Space, Add	*356.96*	
23 21 16 00-0517	EA	14" Flanged, Iron Body Basket Strainer	7,902.92	674.21
		For Work In Restricted Working Space, Add	*252.83*	
23 21 16 00-0518	EA	16" Flanged, Iron Body Basket Strainer	8,309.43	741.62
		For Work In Restricted Working Space, Add	*278.11*	

23 21 16 00-0519 Cast Steel Body Basket Strainers *(23 21 16 00-0480)*

23 21 16 00-0520 Screwed Ends, Cast Steel Body Basket Strainers *(23 21 16 00-0519)*

23 21 16 00-0521	EA	1" Screwed Ends, Cast Steel Body Basket Strainer	509.45	27.25
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0522	EA	1-1/4" Screwed Ends, Cast Steel Body Basket Strainer	668.10	30.17
		For Work In Restricted Working Space, Add	*18.08*	
23 21 16 00-0523	EA	1-1/2" Screwed Ends, Cast Steel Body Basket Strainer	753.04	34.06
		For Work In Restricted Working Space, Add	*20.41*	
23 21 16 00-0524	EA	2" Screwed Ends, Cast Steel Body Basket Strainer	1,052.37	38.93
		For Work In Restricted Working Space, Add	*23.38*	
23 21 16 00-0525	EA	2-1/2" Screwed Ends, Cast Steel Body Basket Strainer	1,474.39	52.07
		For Work In Restricted Working Space, Add	*31.31*	
23 21 16 00-0526	EA	3" Screwed Ends, Cast Steel Body Basket Strainer	1,905.25	55.47
		For Work In Restricted Working Space, Add	*33.22*	

23 21 16 00-0527 Flanged, Cast Steel Body Basket Strainers *(23 21 16 00-0519)*

23 21 16 00-0528	EA	2" Flanged, Cast Steel Body Basket Strainer	1,580.45	129.73
		For Work In Restricted Working Space, Add	*48.66*	
23 21 16 00-0529	EA	2-1/2" Flanged, Cast Steel Body Basket Strainer	2,251.26	141.12
		For Work In Restricted Working Space, Add	*53.09*	
23 21 16 00-0530	EA	3" Flanged, Cast Steel Body Basket Strainer	2,474.33	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0531	EA	4" Flanged, Cast Steel Body Basket Strainer	3,531.40	277.37
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0532	EA	6" Flanged, Cast Steel Body Basket Strainer	6,121.12	303.39
		For Work In Restricted Working Space, Add	*114.18*	
23 21 16 00-0533	EA	8" Flanged, Cast Steel Body Basket Strainer	9,888.31	387.67
		For Work In Restricted Working Space, Add	*144.47*	

23 21 16 00-0534 Stainless Steel Body Basket Strainers *(23 21 16 00-0480)*

23 21 16 00-0535 Screwed Ends, Stainless Steel Body Basket Strainers *(23 21 16 00-0534)*

23 21 16 00-0536	EA	1" Screwed Ends, Stainless Steel Body Basket Strainer	340.13	27.25
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0537	EA	1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer	483.70	30.17
		For Work In Restricted Working Space, Add	*18.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0538	EA	1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	501.38	34.06
		For Work In Restricted Working Space, Add	*20.41*	
23 21 16 00-0539	EA	2" Screwed Ends, Stainless Steel Body Basket Strainer	733.60	38.93
		For Work In Restricted Working Space, Add	*23.38*	
23 21 16 00-0540	EA	2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	1,034.78	52.07
		For Work In Restricted Working Space, Add	*31.31*	
23 21 16 00-0541	EA	3" Screwed Ends, Stainless Steel Body Basket Strainer	1,448.99	55.47
		For Work In Restricted Working Space, Add	*33.22*	

23 21 16 00-0542 Flanged, Stainless Steel Body Basket Strainers *(23 21 16 00-0534)*

23 21 16 00-0543	EA	2" Flanged, Stainless Steel Body Basket Strainer	1,137.93	129.73
		For Work In Restricted Working Space, Add	*48.66*	
23 21 16 00-0544	EA	2-1/2" Flanged, Stainless Steel Body Basket Strainer	1,696.47	141.12
		For Work In Restricted Working Space, Add	*53.09*	
23 21 16 00-0545	EA	3" Flanged, Stainless Steel Body Basket Strainer	1,923.43	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0546	EA	4" Flanged, Stainless Steel Body Basket Strainer	3,250.66	277.37
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0547	EA	6" Flanged, Stainless Steel Body Basket Strainer	4,912.23	303.39
		For Work In Restricted Working Space, Add	*114.18*	
23 21 16 00-0548	EA	8" Flanged, Stainless Steel Body Basket Strainer	8,468.58	387.67
		For Work In Restricted Working Space, Add	*144.47*	

23 21 16 00-0549 Plastic Basket Strainers *(23 21 16 00-0480)*

23 21 16 00-0550 Screwed Or Socket Ends, Simplex, Plastic Basket Strainers *(23 21 16 00-0549)*

23 21 16 00-0551 Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0550)*

23 21 16 00-0552	EA	1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	258.63	13.62
		For Work In Restricted Working Space, Add	*11.59*	
23 21 16 00-0553	EA	3/4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	265.39	15.86
		For Work In Restricted Working Space, Add	*13.61*	
23 21 16 00-0554	EA	1" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	274.08	18.88
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0555	EA	1-1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	446.22	23.84
		For Work In Restricted Working Space, Add	*20.41*	
23 21 16 00-0556	EA	2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	463.25	27.25
		For Work In Restricted Working Space, Add	*23.38*	
23 21 16 00-0557	EA	3" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	983.65	38.93
		For Work In Restricted Working Space, Add	*33.22*	
23 21 16 00-0558	EA	4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,301.90	51.09
		For Work In Restricted Working Space, Add	*43.79*	

23 21 16 00-0559 Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0550)*

23 21 16 00-0560	EA	1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	495.41	13.62
		For Work In Restricted Working Space, Add	*11.59*	
23 21 16 00-0561	EA	3/4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	502.17	15.86
		For Work In Restricted Working Space, Add	*13.61*	
23 21 16 00-0562	EA	1" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	510.86	18.88
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0563	EA	1-1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	881.35	23.84
		For Work In Restricted Working Space, Add	*20.41*	
23 21 16 00-0564	EA	2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	907.15	27.25
		For Work In Restricted Working Space, Add	*23.38*	
23 21 16 00-0565	EA	3" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	405.19	38.93
		For Work In Restricted Working Space, Add	*33.22*	
23 21 16 00-0566	EA	4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,441.04	51.09
		For Work In Restricted Working Space, Add	*43.79*	

23 21 16 00-0567 Flanged, Simplex, Plastic Basket Strainers *(23 21 16 00-0549)*

23 21 16 00-0568 Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0567)*

23 21 16 00-0569	EA	1" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	422.39	85.16
		For Work In Restricted Working Space, Add	*51.08*	
23 21 16 00-0570	EA	1-1/2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	645.37	97.32
		For Work In Restricted Working Space, Add	*58.39*	
23 21 16 00-0571	EA	2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	685.80	113.38
		For Work In Restricted Working Space, Add	*68.03*	
23 21 16 00-0572	EA	3" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,254.80	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0573	EA	4" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	1,714.03	277.37
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0574	EA	6" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	3,354.37	350.36
		For Work In Restricted Working Space, Add	*131.86*	
23 21 16 00-0575	EA	8" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer	4,397.41	447.69
		For Work In Restricted Working Space, Add	*166.84*	

23 21 16 00-0576 Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0567)*

23 21 16 00-0577	EA	1-1/2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,109.81	97.32
		For Work In Restricted Working Space, Add	*58.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0578	EA	2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	1,161.02	113.38
		For Work In Restricted Working Space, Add	*68.03*	
23 21 16 00-0579	EA	3" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,419.39	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0580	EA	4" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	3,058.07	277.37
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0581		Screwed Or Socket Ends, Duplex, Plastic Basket Strainers *(23 21 16 00-0549)*		
23 21 16 00-0582		Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0581)*		
23 21 16 00-0583	EA	1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,082.78	13.62
		For Work In Restricted Working Space, Add	*11.59*	
23 21 16 00-0584	EA	3/4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,089.54	15.86
		For Work In Restricted Working Space, Add	*13.61*	
23 21 16 00-0585	EA	1" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,098.23	18.88
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0586	EA	1-1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,693.74	23.84
		For Work In Restricted Working Space, Add	*20.41*	
23 21 16 00-0587	EA	2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,703.63	27.25
		For Work In Restricted Working Space, Add	*23.38*	
23 21 16 00-0588	EA	3" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	3,781.95	38.93
		For Work In Restricted Working Space, Add	*33.22*	
23 21 16 00-0589	EA	4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	4,988.58	51.09
		For Work In Restricted Working Space, Add	*43.79*	
23 21 16 00-0590		Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0581)*		
23 21 16 00-0591	EA	1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,131.57	13.62
		For Work In Restricted Working Space, Add	*11.59*	
23 21 16 00-0592	EA	3/4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,138.33	15.86
		For Work In Restricted Working Space, Add	*13.61*	
23 21 16 00-0593	EA	1" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,147.02	18.88
		For Work In Restricted Working Space, Add	*16.22*	
23 21 16 00-0594	EA	1-1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	3,332.41	23.84
		For Work In Restricted Working Space, Add	*20.41*	
23 21 16 00-0595	EA	2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	3,342.30	27.25
		For Work In Restricted Working Space, Add	*23.38*	
23 21 16 00-0596	EA	3" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	6,513.75	38.93
		For Work In Restricted Working Space, Add	*33.22*	
23 21 16 00-0597	EA	4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	9,792.64	51.09
		For Work In Restricted Working Space, Add	*43.79*	
23 21 16 00-0598		Flanged, Duplex, Plastic Basket Strainers *(23 21 16 00-0549)*		
23 21 16 00-0599		Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainers *(23 21 16 00-0598)*		
23 21 16 00-0600	EA	1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,140.95	36.50
		For Work In Restricted Working Space, Add	*21.90*	
23 21 16 00-0601	EA	3/4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,165.27	48.66
		For Work In Restricted Working Space, Add	*29.20*	
23 21 16 00-0602	EA	1" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,238.22	85.16
		For Work In Restricted Working Space, Add	*51.08*	
23 21 16 00-0603	EA	1-1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,882.19	97.32
		For Work In Restricted Working Space, Add	*58.39*	
23 21 16 00-0604	EA	2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	1,914.30	113.38
		For Work In Restricted Working Space, Add	*68.03*	
23 21 16 00-0605	EA	3" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	4,009.10	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0606	EA	4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer	5,355.51	277.37
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0607		Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers *(23 21 16 00-0598)*		
23 21 16 00-0608	EA	1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,210.50	36.50
		For Work In Restricted Working Space, Add	*21.89*	
23 21 16 00-0609	EA	3/4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,234.80	48.66
		For Work In Restricted Working Space, Add	*29.18*	
23 21 16 00-0610	EA	1" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	2,307.79	85.16
		For Work In Restricted Working Space, Add	*51.08*	
23 21 16 00-0611	EA	1-1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	3,576.79	97.32
		For Work In Restricted Working Space, Add	*58.39*	
23 21 16 00-0612	EA	2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	3,608.90	113.38
		For Work In Restricted Working Space, Add	*68.03*	
23 21 16 00-0613	EA	3" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	8,001.14	165.45
		For Work In Restricted Working Space, Add	*62.12*	
23 21 16 00-0614	EA	4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer	10,412.86	277.37
		For Work In Restricted Working Space, Add	*104.27*	
23 21 16 00-0615		Plastic Strainer Baskets *(23 21 16 00-0549)*		
23 21 16 00-0616		Polyvinyl Chloride (PVC) Strainer Baskets *(23 21 16 00-0615)*		
23 21 16 00-0617	EA	1/2", 3/4" Or 1" Polyvinyl Chloride (PVC) Strainer Basket	92.88	
23 21 16 00-0618	EA	1-1/2", Or 2" Polyvinyl Chloride (PVC) Strainer Basket	113.93	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0619	EA	3" Polyvinyl Chloride (PVC) Strainer Basket	255.69	
23 21 16 00-0620	EA	4" Polyvinyl Chloride (PVC) Strainer Basket	290.18	
23 21 16 00-0621		Chlorinated Polyvinyl Chloride (CPVC) Strainer Baskets *(23 21 16 00-0615)*		
23 21 16 00-0622	EA	1/2", 3/4" Or 1" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	183.03	
23 21 16 00-0623	EA	1-1/2" Or 2" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	229.19	
23 21 16 00-0624	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	509.31	
23 21 16 00-0625	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	565.02	
23 21 16 00-0626		Air Vents *(23 21 16)*		
23 21 16 00-0627		Screwed Ends, Cast Iron, Automatic Air Vents *(23 21 16 00-0626)* Note: With guided free floating lever.		
23 21 16 00-0628	EA	1/2" NPT, Cast Iron, Automatic Air Vent	254.54	28.23
23 21 16 00-0629	EA	3/4" NPT, Cast Iron, Automatic Air Vent	311.92	37.47
23 21 16 00-0630	EA	1" NPT, Cast Iron, Automatic Air Vent	705.32	38.93
23 21 16 00-0631	EA	1-1/4" NPT, Cast Iron, Automatic Air Vent	1,046.16	60.15
23 21 16 00-0632	EA	1-1/2" NPT, Cast Iron, Automatic Air Vent	1,739.96	64.72
23 21 16 00-0633	EA	2" NPT, Cast Iron, Automatic Air Vent	1,999.26	85.35
23 21 16 00-0634		Forged Steel, Stainless Steel Internals, Automatic Air Vents *(23 21 16 00-0626)* Note: With guided free floating lever.		
23 21 16 00-0635	EA	1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	1,372.85	32.60
23 21 16 00-0636	EA	3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	1,719.28	37.47
23 21 16 00-0637	EA	1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,049.25	38.93
23 21 16 00-0638	EA	1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,360.84	60.34
23 21 16 00-0639	EA	1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,879.83	64.72
23 21 16 00-0640	EA	2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	5,700.08	85.16
23 21 16 00-0641		Manual Air Vent *(23 21 16 00-0626)*		
23 21 16 00-0642	EA	Manual Air Vent	72.98	35.13
23 21 16 00-0643		Automatic Air Vent *(23 21 16 00-0626)*		
23 21 16 00-0644	EA	3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	165.05	37.47
23 21 16 00-0645	EA	1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	179.48	38.93
23 21 16 00-0646	EA	1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	257.11	60.15
23 21 16 00-0647	EA	1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	312.11	64.72
23 21 16 00-0648	EA	2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	390.70	69.75
23 21 16 00-0649		Air Release Valves *(23 21 16 00-0626)*		
23 21 16 00-0650		Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) *(23 21 16 00-0649)* Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0651	EA	1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	133.02	14.60
23 21 16 00-0652	EA	3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	136.92	16.55
23 21 16 00-0653	EA	1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	144.70	20.44
23 21 16 00-0654		Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) *(23 21 16 00-0649)* Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0655	EA	1" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200A)	526.07	20.44
23 21 16 00-0656	EA	2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	636.34	35.52
23 21 16 00-0657	EA	3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	836.94	82.82
23 21 16 00-0658		Cast Iron, Air/Vacuum Valves *(23 21 16 00-0649)* Note: Up to 150 psi. Stainless steel float.		
23 21 16 00-0659	EA	1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	256.63	14.60
23 21 16 00-0660	EA	1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142)	317.75	20.44
23 21 16 00-0661	EA	2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144)	548.99	35.52
23 21 16 00-0662	EA	3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	797.39	82.82
23 21 16 00-0663	EA	4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	1,250.00	139.03
23 21 16 00-0664	EA	6" Flanged Cast Iron Air Release Valve (APCO 153)	1,892.58	175.81
23 21 16 00-0665		Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice *(23 21 16 00-0649)* Note: Up to 150 psi. Stainless Steel float.		
23 21 16 00-0666	EA	1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C)	456.19	20.44
23 21 16 00-0667	EA	2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C)	702.26	35.52
23 21 16 00-0668	EA	3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	1,283.58	82.82
23 21 16 00-0669	EA	4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	1,673.56	139.03

23 21 23 Hydronic Pumps *(23 21)*

23 21 23 13 In-Line Centrifugal Hydronic Pumps *(23 21 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 23 13-0001 Cast Iron Single Stage In-Line Centrifugal Pump *(23 21 23 13)*

Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.

23 21 23 13-0002	EA	50 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 100' Head And 3 HP	3,217.87	259.81
		For Mechanical Seal, Add	*195.10*	
		For Cast Steel Case, Add	*438.99*	
23 21 23 13-0003	EA	75 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 100' Head And 5 HP	3,557.53	314.47
		For Mechanical Seal, Add	*209.16*	
		For Cast Steel Case, Add	*470.60*	
23 21 23 13-0004	EA	100 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 150' Head And 7-1/2 HP	4,126.19	373.60
		For Mechanical Seal, Add	*240.50*	
		For Cast Steel Case, Add	*541.13*	
23 21 23 13-0005	EA	125 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 150' Head And 10 HP	4,580.55	498.13
		For Mechanical Seal, Add	*246.99*	
		For Cast Steel Case, Add	*555.72*	
23 21 23 13-0006	EA	150 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 200' Head And 15 HP	5,388.77	542.93
		For Mechanical Seal, Add	*300.79*	
		For Cast Steel Case, Add	*676.77*	
23 21 23 13-0007	EA	200 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 300' Head And 30 HP	7,750.36	597.57
		For Mechanical Seal, Add	*476.68*	
		For Cast Steel Case, Add	*1,072.54*	
23 21 23 13-0008	EA	250 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 300' Head And 40 HP	9,171.05	746.30
		For Mechanical Seal, Add	*554.50*	
		For Cast Steel Case, Add	*1,247.63*	
23 21 23 13-0009	EA	300 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 300' Head And 50 HP	8,031.88	852.91
		For Mechanical Seal, Add	*437.77*	
		For Cast Steel Case, Add	*984.98*	
23 21 23 13-0010	EA	400 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 400' Head And 75 HP	15,559.36	873.93
		For Mechanical Seal, Add	*1,035.00*	
		For Cast Steel Case, Add	*2,328.74*	
23 21 23 13-0011	EA	600 GPM Cast Iron Single Stage In-Line Centrifugal Pump, Single Stage With 400' Head And 100 HP	17,224.61	1,123.39
		For Mechanical Seal, Add	*1,108.29*	
		For Cast Steel Case, Add	*2,493.64*	

23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps *(23 21 23)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 16-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

23 21 23 16-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	3,677.84	284.00
23 21 23 16-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	4,104.28	284.36
23 21 23 16-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	5,389.87	373.60
23 21 23 16-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	5,958.55	459.61
23 21 23 16-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	6,612.87	459.61
23 21 23 16-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	6,485.12	498.13
23 21 23 16-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	6,857.13	498.13
23 21 23 16-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	7,485.20	522.32
23 21 23 16-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	8,400.28	663.87
23 21 23 16-0011	EA	40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	8,935.89	746.30
23 21 23 16-0012	EA	60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	14,366.12	1,728.27
23 21 23 16-0013	EA	75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	20,355.65	2,073.55
23 21 23 16-0014	EA	100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	23,348.18	2,591.94

23 21 23 16-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0016	EA	40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 1-1/2 HP	1,512.68	208.75
		For 300 LB Flanges, Add	*284.06*	
23 21 23 16-0017	EA	50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 2 HP	1,733.64	223.98
		For 300 LB Flanges, Add	*349.42*	
23 21 23 16-0018	EA	90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 3 HP	2,142.14	239.21
		For 300 LB Flanges, Add	*435.99*	
23 21 23 16-0019	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 5 HP	2,562.61	284.00
		For 300 LB Flanges, Add	*512.67*	
23 21 23 16-0020	EA	150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 7.5 HP	2,692.59	284.36
		For 300 LB Flanges, Add	*538.76*	
23 21 23 16-0021	EA	200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	3,008.39	373.60
		For 300 LB Flanges, Add	*584.11*	
23 21 23 16-0022	EA	225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	3,008.39	373.60
		For 300 LB Flanges, Add	*584.11*	
23 21 23 16-0023	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	3,008.39	373.60
		For 300 LB Flanges, Add	*584.11*	
23 21 23 16-0024	EA	300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP	3,673.64	459.61
		For 300 LB Flanges, Add	*711.66*	
23 21 23 16-0025	EA	350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP	3,758.25	459.25
		For 300 LB Flanges, Add	*724.47*	
23 21 23 16-0026	EA	500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 20 HP	3,946.81	498.13
		For 300 LB Flanges, Add	*762.72*	
23 21 23 16-0027	EA	600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 25 HP	4,309.91	522.32
		For 300 LB Flanges, Add	*835.60*	
23 21 23 16-0028	EA	750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 30 HP	4,932.09	663.87
		For 300 LB Flanges, Add	*934.38*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0029		EA	1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 40 HP	5,579.88	746.30
			For 300 LB Flanges, Add	*1,059.00*	
23 21 23 16-0030		EA	1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 60 HP	9,704.72	1,728.27
			For 300 LB Flanges, Add	*1,593.06*	
23 21 23 16-0031		EA	2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 75 HP	11,591.21	2,073.55
			For 300 LB Flanges, Add	*1,898.05*	
23 21 23 16-0032		EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 100 HP	14,055.27	2,591.94
			For 300 LB Flanges, Add	*2,264.13*	

23 21 23 16-0033 Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0034		EA	40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 1-1/2" HP	2,105.90	208.75
			For 300 LB Flanges, Add	*432.37*	
23 21 23 16-0035		EA	50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 2 HP	2,180.58	223.98
			For 300 LB Flanges, Add	*444.34*	
23 21 23 16-0036		EA	90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 3 HP	2,255.39	239.21
			For 300 LB Flanges, Add	*456.34*	
23 21 23 16-0037		EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 5 HP	2,420.23	244.59
			For 300 LB Flanges, Add	*494.90*	
23 21 23 16-0038		EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 7.5 HP	3,716.85	284.00
			For 300 LB Flanges, Add	*801.23*	
23 21 23 16-0039		EA	250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 10 HP	4,846.64	373.60
			For 300 LB Flanges, Add	*1,066.41*	
23 21 23 16-0040		EA	350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 15 HP	5,034.59	403.16
			For 300 LB Flanges, Add	*1,090.66*	
23 21 23 16-0041		EA	500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 20 HP	5,454.49	447.96
			For 300 LB Flanges, Add	*1,156.87*	
23 21 23 16-0042		EA	750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 25 HP	5,914.24	437.39
			For 300 LB Flanges, Add	*1,281.92*	
23 21 23 16-0043		EA	1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 40 HP	6,770.02	562.11
			For 300 LB Flanges, Add	*1,439.68*	
23 21 23 16-0044		EA	1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 50 HP	8,645.37	691.50
			For 300 LB Flanges, Add	*1,828.09*	
23 21 23 16-0045		EA	2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 75 HP	9,924.21	863.67
			For 300 LB Flanges, Add	*2,064.49*	
23 21 23 16-0046		EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP	13,724.72	1,036.77
			For 300 LB Flanges, Add	*2,931.31*	
23 21 23 16-0047		EA	3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 150 HP	24,373.25	1,151.56
			For 300 LB Flanges, Add	*5,537.90*	
23 21 23 16-0048		EA	4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 200 HP	26,452.20	1,481.11
			For 300 LB Flanges, Add	*5,898.94*	

23 21 23 16-0049 Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump *(23 21 23 16)*

Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.

23 21 23 16-0050		EA	100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 40 HP	6,929.82	459.61
			For 300 LB Flanges, Add	*1,525.71*	
23 21 23 16-0051		EA	200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 50 HP	7,506.92	498.13
			For 300 LB Flanges, Add	*1,652.75*	
23 21 23 16-0052		EA	300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 75 HP	9,157.59	654.97
			For 300 LB Flanges, Add	*1,989.49*	
23 21 23 16-0053		EA	400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 100 HP	17,244.44	899.98
			For 300 LB Flanges, Add	*3,898.74*	
23 21 23 16-0054		EA	800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 200 HP	21,320.43	1,199.98
			For 300 LB Flanges, Add	*4,780.28*	

23 21 23 16-0055 Cast Iron Close Coupling Pumps *(23 21 23 16)*

23 21 23 16-0056 Foot Mounted Cast Iron Close Coupled Pumps *(23 21 23 16-0055)*

23 21 23 16-0057		EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)	3,307.44	268.77
23 21 23 16-0058		EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)	3,575.05	268.77
23 21 23 16-0059		EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM)	3,959.49	283.71
23 21 23 16-0060		EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM)	4,196.22	283.71
23 21 23 16-0061		EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM)	4,793.88	298.34
23 21 23 16-0062		EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM)	5,663.07	351.15
23 21 23 16-0063		EA	15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP)	7,405.78	432.58
23 21 23 16-0064		EA	20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP)	7,933.08	468.20
23 21 23 16-0065		EA	25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP)	9,151.15	505.65

23 21 23 16-0066 Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt *(23 21 23 16)*

23 21 23 16-0067		EA	1/3 HP, Centrifugal Pump, Polypropylene Body	860.02	138.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0068	EA	1/2 HP, Centrifugal Pump, Polypropylene Body	916.82	147.25
23 21 23 16-0069	EA	3/4 HP, Centrifugal Pump, Polypropylene Body	1,058.14	156.79

23 21 23 23 Vertical-Turbine Hydronic Pumps *(23 21 23)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 23-0001 Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps *(23 21 23 23)*

Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.

23 21 23 23-0002	EA	50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage, 2 HP	4,434.24	663.87
		For Each Extra Column Assembly <60", Add	*394.56*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*137.55*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*93.21*	
23 21 23 23-0003	EA	100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage, 3 HP	4,589.92	746.30
		For Each Extra Column Assembly <60", Add	*407.33*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*143.46*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*97.56*	
23 21 23 23-0004	EA	250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage, 15 HP	5,551.14	691.50
		For Each Extra Column Assembly <60", Add	*493.68*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*172.45*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*116.94*	
23 21 23 23-0005	EA	500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage, 25 HP	5,914.30	797.94
		For Each Extra Column Assembly <60", Add	*524.41*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*185.30*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*126.16*	
23 21 23 23-0006	EA	1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage, 50 HP	7,000.54	863.67
		For Each Extra Column Assembly <60", Add	*615.58*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*224.48*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*154.47*	
23 21 23 23-0007	EA	2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage, 100 HP	10,375.46	1,036.77
		For Each Extra Column Assembly <60", Add	*896.69*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*348.37*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*244.61*	
23 21 23 23-0008	EA	3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage, 150 HP	12,539.55	1,295.97
		For Each Extra Column Assembly <60", Add	*1,086.48*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*418.27*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*292.87*	
23 21 23 23-0009	EA	4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage, 200 HP	18,774.46	1,481.11
		For Each Extra Column Assembly <60", Add	*1,597.17*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*655.76*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*468.02*	
23 21 23 23-0010	EA	6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage, 300 HP	24,146.51	1,728.27
		For Each Extra Column Assembly <60", Add	*2,042.80*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*854.78*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*613.31*	
23 21 23 23-0011	EA	10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage, 300 HP	33,043.04	2,073.55
		For Each Extra Column Assembly <60", Add	*2,776.74*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,188.42*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*857.99*	

23 21 29 Automatic Condensate Pump Units *(23 21)*

23 21 29 00-0001 Automatic Shallow Pan Condensate Pump *(23 21 29)*

23 21 29 00-0002	EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	175.71	29.12
23 21 29 00-0003	EA	1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	190.40	29.12
23 21 29 00-0004	EA	1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	296.06	33.60

23 21 29 00-0005 Automatic Condensate Pump With Tank *(23 21 29)*

23 21 29 00-0006	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	96.82	22.40
23 21 29 00-0007	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	103.10	22.40
23 21 29 00-0008	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	170.90	29.12
23 21 29 00-0009	EA	1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	184.67	33.60
23 21 29 00-0010	EA	1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	339.20	38.08

23 22 Steam And Condensate Piping And Pumps *(23 20)*

23 22 16 Steam And Condensate Heating Piping Specialties *(23 22)*

23 22 16 00-0001 Steam Temperature Regulator, Iron Body *(23 22 16)*

23 22 16 00-0002 Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*

Note: Up to 150 PSI.

23 22 16 00-0003	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,223.99	14.01
23 22 16 00-0004	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,286.98	18.88
23 22 16 00-0005	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,708.31	23.25
23 22 16 00-0006	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,885.52	29.39
23 22 16 00-0007	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,933.90	33.76
23 22 16 00-0008	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,285.83	36.71
23 22 16 00-0009	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,905.31	67.26
23 22 16 00-0010	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,590.09	73.34
23 22 16 00-0011	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,410.47	171.67
23 22 16 00-0012	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,903.87	201.49

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0013		Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*		
23 22 16 00-0014	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,816.01	14.01
23 22 16 00-0015	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,879.91	18.88
23 22 16 00-0016	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,962.92	23.25
23 22 16 00-0017	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,349.39	29.39
23 22 16 00-0018	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,516.38	33.76
23 22 16 00-0019	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,857.82	36.71
23 22 16 00-0020	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,377.19	67.26
23 22 16 00-0021	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,165.87	73.34
23 22 16 00-0022	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,085.47	171.67
23 22 16 00-0023	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,888.76	201.49
23 22 16 00-0024		Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*		
23 22 16 00-0025	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,476.10	14.01
23 22 16 00-0026	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,511.19	18.88
23 22 16 00-0027	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,747.68	23.25
23 22 16 00-0028	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,991.17	29.39
23 22 16 00-0029	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,098.85	33.76
23 22 16 00-0030	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,496.12	36.71
23 22 16 00-0031	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	6,469.89	67.26
23 22 16 00-0032	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,028.79	73.34
23 22 16 00-0033	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,930.36	171.67
23 22 16 00-0034	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,463.03	201.49
23 22 16 00-0035		Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body *(23 22 16 00-0001)*		
23 22 16 00-0036	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,173.67	14.01
23 22 16 00-0037	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,205.29	18.88
23 22 16 00-0038	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,480.13	23.25
23 22 16 00-0039	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,625.93	29.39
23 22 16 00-0040	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,765.02	33.76
23 22 16 00-0041	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,099.51	36.71
23 22 16 00-0042	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	6,818.68	67.26
23 22 16 00-0043	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,179.13	73.34
23 22 16 00-0044	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,080.70	171.67
23 22 16 00-0045	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,613.37	201.49
23 22 16 00-0046		High Temperature Safety Relief Valve *(23 22 16)*		
		Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.		
23 22 16 00-0047		Cast Iron Body Safety Valve, Steam Or Water *(23 22 16 00-0046)*		
		Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.		
23 22 16 00-0048		Threaded *(23 22 16 00-0047)*		
23 22 16 00-0049	EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	451.30	14.59
23 22 16 00-0050	EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	471.60	17.27
23 22 16 00-0051	EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	519.18	21.89
23 22 16 00-0052	EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	641.34	24.33
23 22 16 00-0053	EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	821.52	29.92
23 22 16 00-0054	EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,279.19	34.05
23 22 16 00-0055	EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,385.52	39.16
23 22 16 00-0056		Flanged *(23 22 16 00-0047)*		
23 22 16 00-0057	EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,204.42	102.16
23 22 16 00-0058	EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,726.49	153.56
23 22 16 00-0059	EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,120.37	141.34
23 22 16 00-0060	EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,000.68	204.14
23 22 16 00-0061	EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,345.15	152.24
23 22 16 00-0062	EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	6,277.06	204.14
23 22 16 00-0063	EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	10,510.81	289.70
23 22 16 00-0064	EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	20,937.84	323.54
23 22 16 00-0065		Bronze Body Safety Valve, Threaded, Steam *(23 22 16 00-0046)*		
		Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.		
23 22 16 00-0066	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	492.04	13.38
23 22 16 00-0067	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	503.66	14.59
23 22 16 00-0068	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	589.93	16.05
23 22 16 00-0069	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	651.64	17.27
23 22 16 00-0070	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	754.16	19.46
23 22 16 00-0071	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	756.99	21.89
23 22 16 00-0072	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	852.05	23.11
23 22 16 00-0073	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	928.89	24.33
23 22 16 00-0074	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,292.46	27.24
23 22 16 00-0075	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,412.45	29.92
23 22 16 00-0076	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,686.03	34.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0077		**Bronze Body Safety Valve, Threaded, Water** *(23 22 16 00-0046)*		
		Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
23 22 16 00-0078	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	228.53	13.38
23 22 16 00-0079	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	260.71	14.59
23 22 16 00-0080	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	362.94	16.05
23 22 16 00-0081	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	399.79	17.27
23 22 16 00-0082	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	580.68	19.46
23 22 16 00-0083	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	784.69	23.11
23 22 16 00-0084	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	1,147.38	27.24
23 22 16 00-0085		**Steam Traps** *(23 22 16)*		
23 22 16 00-0086		**Inverted Bucket Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0087	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	249.19	29.19
		For Work In Restricted Working Space, Add	*17.52*	
23 22 16 00-0088	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	251.61	30.41
		For Work In Restricted Working Space, Add	*18.25*	
23 22 16 00-0089	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap	372.02	32.41
		For Work In Restricted Working Space, Add	*19.47*	
23 22 16 00-0090	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	600.35	44.23
		For Work In Restricted Working Space, Add	*26.54*	
23 22 16 00-0091	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	891.77	54.51
		For Work In Restricted Working Space, Add	*32.44*	
23 22 16 00-0092	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,140.01	81.10
		For Work In Restricted Working Space, Add	*48.66*	
23 22 16 00-0093		**Float And Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0094	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	263.32	30.41
		For Work In Restricted Working Space, Add	*18.25*	
23 22 16 00-0095	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	345.63	32.43
		For Work In Restricted Working Space, Add	*19.46*	
23 22 16 00-0096	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	428.18	44.23
		For Work In Restricted Working Space, Add	*26.54*	
23 22 16 00-0097	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	578.13	54.06
		For Work In Restricted Working Space, Add	*32.44*	
23 22 16 00-0098	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,054.10	81.07
		For Work In Restricted Working Space, Add	*48.66*	
23 22 16 00-0099	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	333.81	30.41
		For Work In Restricted Working Space, Add	*18.25*	
23 22 16 00-0100	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	362.69	32.41
		For Work In Restricted Working Space, Add	*19.46*	
23 22 16 00-0101	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	474.70	44.23
		For Work In Restricted Working Space, Add	*26.54*	
23 22 16 00-0102	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	680.50	54.01
		For Work In Restricted Working Space, Add	*32.44*	
23 22 16 00-0103	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,158.03	81.10
		For Work In Restricted Working Space, Add	*48.66*	
23 22 16 00-0104	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	431.54	30.41
		For Work In Restricted Working Space, Add	*18.25*	
23 22 16 00-0105	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	480.58	32.43
		For Work In Restricted Working Space, Add	*19.46*	
23 22 16 00-0106	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	730.65	44.23
		For Work In Restricted Working Space, Add	*26.54*	
23 22 16 00-0107	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	750.31	54.01
		For Work In Restricted Working Space, Add	*32.44*	
23 22 16 00-0108	EA	2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,451.18	81.10
		For Work In Restricted Working Space, Add	*48.66*	
23 22 16 00-0109	EA	3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	437.74	30.41
		For Work In Restricted Working Space, Add	*18.25*	
23 22 16 00-0110	EA	1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	480.58	32.43
		For Work In Restricted Working Space, Add	*19.46*	
23 22 16 00-0111	EA	1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	730.65	44.23
		For Work In Restricted Working Space, Add	*26.54*	
23 22 16 00-0112	EA	1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	750.31	54.01
		For Work In Restricted Working Space, Add	*32.44*	
23 22 16 00-0113	EA	2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,451.18	81.10
		For Work In Restricted Working Space, Add	*48.66*	
23 22 16 00-0114		**Thermostatic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0115	EA	1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap	130.36	29.19
		For Work In Restricted Working Space, Add	*17.52*	
23 22 16 00-0116	EA	3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap	214.37	30.41
		For Work In Restricted Working Space, Add	*18.25*	
23 22 16 00-0117	EA	1" 25 PSI Maximum Pressure Thermostatic Steam Trap	263.78	32.41
		For Work In Restricted Working Space, Add	*19.47*	
23 22 16 00-0118		**Thermodynamic Steam Traps** *(23 22 16 00-0085)*		
23 22 16 00-0119	EA	3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap	280.87	26.28
23 22 16 00-0120	EA	1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap	396.55	29.19
23 22 16 00-0121	EA	3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap	490.47	30.41
23 22 16 00-0122	EA	1" 600 PSI Maximum Pressure Thermodynamic Steam Trap	655.86	32.41

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0123		Steam Moisture Separator *(23 22 16 00-0085)*		
23 22 16 00-0124	EA	1/2" Steam Moisture Separator, Threaded Spirax Sarco S1	587.63	48.66
23 22 16 00-0125	EA	3/4" Steam Moisture Separator, Threaded Spirax Sarco S1	644.08	65.69
23 22 16 00-0126	EA	1" Steam Moisture Separator, Threaded	774.82	73.96
23 22 16 00-0127	EA	1-1/2" Steam Moisture Separator, Threaded	949.75	84.68
23 22 16 00-0128	EA	2" Steam Moisture Separator, Flanged	1,368.01	129.73
23 22 16 00-0129	EA	2-1/2" Steam Moisture Separator, Flanged	783.54	141.12
23 22 16 00-0130	EA	3" Steam Moisture Separator, Flanged	1,028.72	165.45
23 22 16 00-0131	EA	4" Steam Moisture Separator, Flanged	1,697.23	277.38
23 22 16 00-0132	EA	6" Steam Moisture Separator, Flanged	3,418.67	350.36
23 22 16 00-0133		Steam/Condensate Meter *(23 22 16)*		
		Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
23 22 16 00-0134	EA	1" Steam/Condensate Meter	3,540.73	53.73
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0135	EA	2" Steam/Condensate Meter	3,996.28	63.13
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0136	EA	2-1/2" Steam/Condensate Meter	4,245.11	78.35
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0137	EA	3" Steam/Condensate Meter	4,512.73	102.98
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0138	EA	4" Steam/Condensate Meter	5,034.69	121.34
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0139	EA	6" Steam/Condensate Meter	9,805.71	747.75
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0140	EA	8" Steam/Condensate Meter	10,126.24	792.79
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0141	EA	10" Steam/Condensate Meter	10,525.39	828.53
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0142	EA	12" Steam/Condensate Meter	10,984.30	882.08
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0143	EA	14" Steam/Condensate Meter	11,670.64	958.38
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0144	EA	16" Steam/Condensate Meter	12,045.43	994.11
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

23 22 23 Steam Condensate Pumps *(23 22)*

23 22 23 13 Electric-Driven Steam Condensate Pumps *(23 22 23)*

23 22 23 13-0001 Simplex Condensate Pumps And Motors *(23 22 23 13)*

Note: Cast iron receiver, float switch.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0002		**20 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,887.53	456.03
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,443.75	468.57
23 22 23 13-0005	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,554.17	499.92
23 22 23 13-0006	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,820.05	505.30
23 22 23 13-0007	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,153.54	550.10
23 22 23 13-0008	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,677.43	550.10
23 22 23 13-0009	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,750.20	587.72
23 22 23 13-0010	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,810.87	614.60
23 22 23 13-0011	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,866.93	641.48
23 22 23 13-0012		**30 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0013	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,172.24	487.38
23 22 23 13-0014	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,851.93	499.92
23 22 23 13-0015	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,959.31	533.08
23 22 23 13-0016	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,428.67	576.07
23 22 23 13-0017	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,750.20	588.62
23 22 23 13-0018	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,880.81	609.22
23 22 23 13-0019	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,026.91	641.48
23 22 23 13-0020	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,841.29	682.68
23 22 23 13-0021		**40 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0022	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,418.95	559.05
23 22 23 13-0023	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,080.49	603.84
23 22 23 13-0024	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,619.80	596.68
23 22 23 13-0025	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,856.60	609.22
23 22 23 13-0026	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,957.43	635.21
23 22 23 13-0027	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,866.93	641.48
23 22 23 13-0028	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,944.17	682.68
23 22 23 13-0029		**50 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0030	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,628.19	605.64
23 22 23 13-0031	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,324.03	618.19
23 22 23 13-0032	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,833.21	622.67
23 22 23 13-0033	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,033.45	677.31
23 22 23 13-0034	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	7,993.64	730.17
23 22 23 13-0035		**Duplex Condensate Pumps And Motors** *(23 22 23 13)*		
		Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036		**20 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0037	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,136.25	611.92
23 22 23 13-0038	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,319.95	671.94
23 22 23 13-0039	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,636.65	677.31
23 22 23 13-0040	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,066.63	738.23
23 22 23 13-0041	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,711.57	738.23
23 22 23 13-0042	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,814.21	795.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0043	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,904.07	830.51
23 22 23 13-0044	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	7,072.08	871.73
23 22 23 13-0045		**30 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,084.25	659.39
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,271.84	720.32
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,729.93	702.40
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,814.21	795.58
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,978.84	825.14
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,830.00	871.73
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,166.15	934.44
23 22 23 13-0053		**40 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,422.89	777.66
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,892.13	812.60
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,993.37	825.14
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,162.59	866.36
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,073.29	871.73
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,195.20	934.44
23 22 23 13-0060		**50 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,623.82	777.66
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,988.74	854.70
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,285.71	928.17
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	11,019.86	1,005.22
23 22 23 13-0065		**Steam Condensate Pumps And Motors; ITT Bell & Gossett Series WC** *(23 22 23 13)*		
		Note: Cast iron receiver, float switch		
23 22 23 13-0066	EA	9 GPM Steam Condensate Pump With 6 Gallon Cast Iron Receiver, Float Switch, 22 PSI Discharge Pressure; ITT WC6-20B	1,871.79	456.03
23 22 23 13-0067	EA	12 GPM Steam Condensate Pump With 9 Gallon Cast Iron Receiver, Float Switch, 21 PSI Discharge Pressure; ITT WC8-20B	1,943.86	468.57
23 22 23 13-0068	EA	18 GPM Steam Condensate Pump With 14 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure; ITT WC12-20B	2,337.51	499.92
23 22 23 33		**Steam Positive Displacement Pump** *(23 22 23)*		
		Note: Float operated		
23 22 23 33-0001	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-500	3,125.28	456.03
23 22 23 33-0002	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-1600	5,786.88	468.57

23 23 Refrigerant Piping *(23 20)*

23 23 13 Refrigerant Piping Valves *(23 23)*

23 23 13 00-0001 Ball Valves *(23 23 13)*

23 23 13 00-0002 Refrigeration Ball Valves, Sweat, 1400 Series *(23 23 13 00-0001)*

23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	37.29	9.72
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	38.86	9.72
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	49.78	9.72
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	66.71	10.70
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	91.67	12.16
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	147.43	14.98

23 23 13 00-0009 Shut-Off Valves *(23 23 13)*

23 23 13 00-0010 Packless *(23 23 13 00-0009)*

23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	45.42	10.12
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	56.09	11.10
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	111.71	15.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 13 00-0014		Packed *(23 23 13 00-0009)*		
23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	196.32	22.09
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	261.35	27.05
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	317.26	30.46
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	449.49	34.75
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed	763.22	97.32
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed	998.87	121.66
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed	1,415.67	162.24
23 23 13 00-0022		Check Valves *(23 23 13)*		
23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration	58.69	9.73
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration	172.78	10.70
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration	200.87	12.16
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration	269.61	12.95
23 23 13 00-0027	EA	1-5/8" Check Valve, Refrigeration	352.64	14.99
23 23 13 00-0028	EA	2-1/8" Check Valve, Refrigeration	517.93	17.72
23 23 13 00-0029	EA	2-5/8" Check Valve, Refrigeration	725.51	25.99
23 23 13 00-0030	EA	3-1/8" Check Valve, Refrigeration	955.09	34.06
23 23 13 00-0031		Solenoid Valves *(23 23 13)*		
23 23 13 00-0032		Solenoid Valve, 24 Volt Coil *(23 23 13 00-0031)*		
23 23 13 00-0033	EA	1/2" Solenoid Valve, Refrigeration	197.13	9.73
23 23 13 00-0034	EA	5/8" Solenoid Valve, Refrigeration	201.95	9.73
23 23 13 00-0035	EA	3/4" Solenoid Valve, Refrigeration	249.31	10.70
23 23 13 00-0036	EA	7/8" Solenoid Valve, Refrigeration	249.31	10.70
23 23 13 00-0037	EA	1-1/8" Solenoid Valve, Refrigeration	349.89	12.16
23 23 13 00-0038	EA	1 3/8" Solenoid Valve, Refrigeration	563.44	12.95
23 23 13 00-0039	EA	1-5/8" Solenoid Valve, Refrigeration	1,041.87	14.99
23 23 13 00-0040	EA	2-1/8" Solenoid Valve, Refrigeration	1,055.48	17.72

23 23 16 Refrigerant Piping Specialties *(23 23)*

23 23 16 00-0001		Soft Refrigeration Copper Tubing *(23 23 16)* Note: Based on outside diameter. Nitrogenized.		
23 23 16 00-0002	LF	1/8" Outside Diameter Soft Refrigeration Copper Tubing	4.23	2.63
23 23 16 00-0003	LF	3/16" Outside Diameter Soft Refrigeration Copper Tubing	4.29	2.63
23 23 16 00-0004	LF	1/4" Outside Diameter Soft Refrigeration Copper Tubing	4.35	2.63
23 23 16 00-0005	LF	5/16" Outside Diameter Soft Refrigeration Copper Tubing	4.59	2.63
23 23 16 00-0006	LF	3/8" Outside Diameter Soft Refrigeration Copper Tubing	4.72	2.73
23 23 16 00-0007	LF	1/2" Outside Diameter Soft Refrigeration Copper Tubing	5.32	2.92
23 23 16 00-0008	LF	5/8" Outside Diameter Soft Refrigeration Copper Tubing	5.63	2.92
23 23 16 00-0009	LF	3/4" Outside Diameter Soft Refrigeration Copper Tubing	6.57	3.41
23 23 16 00-0010	LF	7/8" Outside Diameter Soft Refrigeration Copper Tubing	7.70	3.60
23 23 16 00-0011	LF	1-1/8" Outside Diameter Soft Refrigeration Copper Tubing	9.79	4.38
23 23 16 00-0012	LF	1-3/8" Outside Diameter Soft Refrigeration Copper Tubing	13.23	5.06
23 23 16 00-0013	LF	1-5/8" Outside Diameter Soft Refrigeration Copper Tubing	15.24	5.45
23 23 16 00-0014		Type L Drawn, ACR Copper Tubing *(23 23 16)* Note: Nitrogenized.		
23 23 16 00-0015	LF	3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	4.93	2.73
		For Medical Applications "Oxygen Clean", Add	*0.45*	
23 23 16 00-0016	LF	1/2" Outside Diameter Type L Drawn, ACR Copper Tubing	5.34	2.73
		For Medical Applications "Oxygen Clean", Add	*0.47*	
23 23 16 00-0017	LF	5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	5.61	2.73
		For Medical Applications "Oxygen Clean", Add	*0.49*	
23 23 16 00-0018	LF	3/4" Outside Diameter Type L Drawn, ACR Copper Tubing	8.15	4.08
		For Medical Applications "Oxygen Clean", Add	*0.71*	
23 23 16 00-0019	LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	8.87	4.38
		For Medical Applications "Oxygen Clean", Add	*0.77*	
23 23 16 00-0020	LF	1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	9.90	4.38
		For Medical Applications "Oxygen Clean", Add	*0.82*	
23 23 16 00-0021	LF	1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	12.11	5.06
		For Medical Applications "Oxygen Clean", Add	*0.99*	
23 23 16 00-0022	LF	1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	14.46	5.83
		For Medical Applications "Oxygen Clean", Add	*1.16*	
23 23 16 00-0023	LF	2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	19.90	7.30
		For Medical Applications "Oxygen Clean", Add	*1.54*	
23 23 16 00-0024	LF	2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	29.89	11.00
		For Medical Applications "Oxygen Clean", Add	*2.32*	
23 23 16 00-0025	LF	3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	38.30	13.62
		For Medical Applications "Oxygen Clean", Add	*2.94*	
23 23 16 00-0026	LF	3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	47.64	16.15
		For Medical Applications "Oxygen Clean", Add	*3.60*	
23 23 16 00-0027	LF	4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	58.56	19.47
		For Medical Applications "Oxygen Clean", Add	*4.39*	
23 23 16 00-0028		Refrigeration Fittings *(23 23 16)*		
23 23 16 00-0029		Brass Flare Fittings *(23 23 16 00-0028)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0030		**Brass Flare Unions** *(23 23 16 00-0029)*		
23 23 16 00-0031	EA	3/8" Brass Flare Union	18.97	10.51
23 23 16 00-0032	EA	1/2" Brass Flare Union	18.97	10.51
23 23 16 00-0033	EA	5/8" Brass Flare Union	19.81	10.51
23 23 16 00-0034		**90 Degree Elbow Brass Flare Unions** *(23 23 16 00-0029)*		
23 23 16 00-0035	EA	3/8" 90 Degree Brass Flare Elbow Union	19.48	10.51
23 23 16 00-0036	EA	1/2" 90 Degree Brass Flare Elbow Union	19.48	10.51
23 23 16 00-0037	EA	5/8" 90 Degree Brass Flare Elbow Union	22.31	10.51
23 23 16 00-0038		**Brass Flare Tees** *(23 23 16 00-0029)*		
23 23 16 00-0039	EA	3/8" Brass Flare Tee	31.12	17.51
23 23 16 00-0040	EA	1/2" Brass Flare Tee	32.38	17.51
23 23 16 00-0041	EA	5/8" Brass Flare Tee	39.24	17.51
23 23 16 00-0042		**Male Connector, Half Brass Flare Unions** *(23 23 16 00-0029)*		
23 23 16 00-0043	EA	3/8" Brass Flare Male Connector, Half Union	16.65	10.51
23 23 16 00-0044	EA	1/2" Brass Flare Male Connector, Half Union	17.50	10.51
23 23 16 00-0045	EA	5/8" Brass Flare Male Connector, Half Union	18.70	10.51
23 23 16 00-0046		**Female Connector, Half Brass Flare Unions** *(23 23 16 00-0029)*		
23 23 16 00-0047	EA	3/8" Brass Flare Female Connector, Half Union	17.74	10.51
23 23 16 00-0048	EA	1/2" Brass Flare Female Connector, Half Union	18.88	10.51
23 23 16 00-0049	EA	5/8" Brass Flare Female Connector, Half Union	18.88	10.51
23 23 16 00-0050		**Long Forged Nuts** *(23 23 16 00-0029)*		
23 23 16 00-0051	EA	3/8" Brass Long Forged Nut	17.17	10.51
23 23 16 00-0052	EA	1/2" Brass Long Forged Nut	17.50	10.51
23 23 16 00-0053	EA	5/8" Brass Long Forged Nut	21.17	10.51
23 23 16 00-0054		**Short Forged Nuts** *(23 23 16 00-0029)*		
23 23 16 00-0055	EA	3/8" Brass Short Forged Nut	16.69	10.51
23 23 16 00-0056	EA	1/2" Brass Short Forged Nut	17.45	10.51
23 23 16 00-0057	EA	5/8" Brass Short Forged Nut	17.61	10.51
23 23 16 00-0058		**ACR Wrought Copper Fittings** *(23 23 16 00-0028)* Note: Soldered.		
23 23 16 00-0059		**ACR Wrought Copper Coupling** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0060	EA	1/4" ACR Wrought Copper Coupling	16.46	10.51
23 23 16 00-0061	EA	3/8" ACR Wrought Copper Coupling	16.32	10.51
23 23 16 00-0062	EA	1/2" ACR Wrought Copper Coupling	16.52	10.51
23 23 16 00-0063	EA	5/8" ACR Wrought Copper Coupling	17.20	11.00
23 23 16 00-0064	EA	3/4" ACR Wrought Copper Coupling	23.61	14.50
23 23 16 00-0065	EA	7/8" ACR Wrought Copper Coupling	23.67	14.89
23 23 16 00-0066	EA	1-1/8" ACR Wrought Copper Coupling	30.45	18.49
23 23 16 00-0067	EA	1-3/8" ACR Wrought Copper Coupling	42.79	25.30
23 23 16 00-0068	EA	1-5/8" ACR Wrought Copper Coupling	50.95	29.69
23 23 16 00-0069	EA	2-1/8" ACR Wrought Copper Coupling	64.61	36.00
23 23 16 00-0070	EA	2-5/8" ACR Wrought Copper Coupling	106.01	54.70
23 23 16 00-0071	EA	3-1/8" ACR Wrought Copper Coupling	140.60	71.92
23 23 16 00-0072	EA	4-1/8" ACR Wrought Copper Coupling	202.55	85.45
23 23 16 00-0073		**ACR Wrought Copper Short Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0074	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow	18.27	10.51
23 23 16 00-0075	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	18.40	10.51
23 23 16 00-0076	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow	18.27	10.51
23 23 16 00-0077	EA	5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	19.56	11.00
23 23 16 00-0078	EA	3/4" ACR Wrought Copper Short Radius 90 Degree Elbow	27.31	14.50
23 23 16 00-0079	EA	7/8" ACR Wrought Copper Short Radius 90 Degree Elbow	27.77	14.89
23 23 16 00-0080	EA	1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	35.02	18.49
23 23 16 00-0081	EA	1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	45.43	25.30
23 23 16 00-0082	EA	1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	56.21	29.69
23 23 16 00-0083	EA	2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	75.17	36.00
23 23 16 00-0084	EA	2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	124.47	54.70
23 23 16 00-0085	EA	3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	161.27	71.92
23 23 16 00-0086	EA	4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	264.79	85.45
23 23 16 00-0087		**ACR Wrought Copper Long Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0088	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	20.53	10.51
23 23 16 00-0089	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	19.34	10.51
23 23 16 00-0090	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	20.29	10.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0091	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	20.65	11.00
23 23 16 00-0092	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	25.98	14.50
23 23 16 00-0093	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	27.63	14.89
23 23 16 00-0094	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	36.28	18.49
23 23 16 00-0095	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	51.89	25.30
23 23 16 00-0096	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	63.26	29.69
23 23 16 00-0097	EA	2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	103.15	36.00
23 23 16 00-0098	EA	2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	159.89	54.70
23 23 16 00-0099	EA	3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	211.04	71.92
23 23 16 00-0100	EA	4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	404.49	85.45

23 23 16 00-0101 ACR Wrought Copper 45 Degree Elbow *(23 23 16 00-0058)*

Note: C x C

23 23 16 00-0102	EA	1/4" ACR Wrought Copper 45 Degree Elbow	22.18	10.51
23 23 16 00-0103	EA	3/8" ACR Wrought Copper 45 Degree Elbow	20.53	10.51
23 23 16 00-0104	EA	1/2" ACR Wrought Copper 45 Degree Elbow	19.83	10.51
23 23 16 00-0105	EA	5/8" ACR Wrought Copper 45 Degree Elbow	18.19	11.00
23 23 16 00-0106	EA	3/4" ACR Wrought Copper 45 Degree Elbow	29.06	14.50
23 23 16 00-0107	EA	7/8" ACR Wrought Copper 45 Degree Elbow	25.21	14.89
23 23 16 00-0108	EA	1-1/8" ACR Wrought Copper 45 Degree Elbow	35.01	18.49
23 23 16 00-0109	EA	1-3/8" ACR Wrought Copper 45 Degree Elbow	47.75	25.30
23 23 16 00-0110	EA	1-5/8" ACR Wrought Copper 45 Degree Elbow	56.36	29.69
23 23 16 00-0111	EA	2-1/8" ACR Wrought Copper 45 Degree Elbow	73.64	36.00
23 23 16 00-0112	EA	2-5/8" ACR Wrought Copper 45 Degree Elbow	123.96	54.70
23 23 16 00-0113	EA	3-1/8" ACR Wrought Copper 45 Degree Elbow	166.46	71.92
23 23 16 00-0114	EA	4-1/8" ACR Wrought Copper45 Degree Elbow	252.93	85.45

23 23 16 00-0115 ACR Wrought Copper Tee *(23 23 16 00-0058)*

Note: C x C x C

23 23 16 00-0116	EA	1/4" ACR Wrought Copper Tee	31.44	17.51
23 23 16 00-0117	EA	3/8" ACR Wrought Copper Tee	31.73	17.51
23 23 16 00-0118	EA	1/2" ACR Wrought Copper Tee	30.65	17.51
23 23 16 00-0119	EA	5/8" ACR Wrought Copper Tee	34.60	22.09
23 23 16 00-0120	EA	3/4" ACR Wrought Copper Tee	43.02	22.09
23 23 16 00-0121	EA	7/8" ACR Wrought Copper Tee	37.30	22.38
23 23 16 00-0122	EA	1-1/8" ACR Wrought Copper Tee	56.10	29.69
23 23 16 00-0123	EA	1-3/8" ACR Wrought Copper Tee	69.55	36.00
23 23 16 00-0124	EA	1-5/8" ACR Wrought Copper Tee	88.12	42.72
23 23 16 00-0125	EA	2-1/8" ACR Wrought Copper Tee	122.93	56.93
23 23 16 00-0126	EA	2-5/8" ACR Wrought Copper Tee	262.06	124.28
23 23 16 00-0127	EA	3-1/8" ACR Wrought Copper Tee	313.62	136.65
23 23 16 00-0128	EA	4-1/8" ACR Wrought Copper Tee	490.82	151.83

23 23 16 00-0129 ACR Wrought Copper Male Adapter *(23 23 16 00-0058)*

Note: C x M

23 23 16 00-0130	EA	1/4" ACR Wrought Copper Male Adapter	23.82	10.51
23 23 16 00-0131	EA	3/8" ACR Wrought Copper Male Adapter	26.45	10.51
23 23 16 00-0132	EA	1/2" ACR Wrought Copper Male Adapter	22.07	10.51

23 23 16 00-0133 ACR Wrought Copper Female Adapter *(23 23 16 00-0058)*

Note: C x F

23 23 16 00-0134	EA	1/4" ACR Wrought Copper Female Adapter	22.78	10.51
23 23 16 00-0135	EA	3/8" ACR Wrought Copper Female Adapter	21.27	10.51
23 23 16 00-0136	EA	1/2" ACR Wrought Copper Female Adapter	21.84	10.51

23 23 16 00-0137 ACR Wrought Copper Cap *(23 23 16 00-0058)*

Note: C

23 23 16 00-0138	EA	1/4" ACR Wrought Copper Cap	11.73	7.01
23 23 16 00-0139	EA	3/8" ACR Wrought Copper Cap	11.25	7.01
23 23 16 00-0140	EA	1/2" ACR Wrought Copper Cap	11.72	7.01

23 23 16 00-0141 ACR Wrought Copper P-Trap *(23 23 16 00-0058)*

23 23 16 00-0142	EA	5/8" ACR Wrought Copper P-Trap	60.54	8.96
23 23 16 00-0143	EA	3/4" ACR Wrought Copper P-Trap	79.72	9.85
23 23 16 00-0144	EA	7/8" ACR Wrought Copper P-Trap	73.10	9.85
23 23 16 00-0145	EA	1-1/8" ACR Wrought Copper P-Trap	96.02	10.75
23 23 16 00-0146	EA	1-3/8" ACR Wrought Copper P-Trap	164.68	10.75
23 23 16 00-0147	EA	1-5/8" ACR Wrought Copper P-Trap	225.92	11.65
23 23 16 00-0148	EA	2-1/8" ACR Wrought Copper P-Trap	386.69	12.54

23 23 16 00-0149 Sight Glass With Moisture And Liquid Indicator, Solder Connection *(23 23 16)*

23 23 16 00-0150	EA	1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	43.04	13.44
23 23 16 00-0151	EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	52.01	16.12
23 23 16 00-0152	EA	1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	62.49	19.71
23 23 16 00-0153	EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	69.28	22.40
23 23 16 00-0154	EA	7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	92.15	28.67
23 23 16 00-0155	EA	1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	107.79	34.94
23 23 16 00-0156	EA	1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	159.13	41.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0157	EA	1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	199.58	56.45
23 23 16 00-0158	EA	2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	245.75	69.88
23 23 16 00-0159		**Filter Driers, Solder Connections** *(23 23 16)*		
23 23 16 00-0160		**Replaceable Core Type Filter Driers, Solder Connections** *(23 23 16 00-0159)*		
23 23 16 00-0161	EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	336.15	8.06
23 23 16 00-0162	EA	7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	347.10	9.85
23 23 16 00-0163	EA	1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	445.31	9.85
23 23 16 00-0164	EA	1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	452.75	10.75
23 23 16 00-0165	EA	1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	511.71	11.65
23 23 16 00-0166	EA	2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	589.91	12.54
23 23 16 00-0167	EA	2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	692.10	13.44
23 23 16 00-0168	EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	864.22	13.44
23 23 16 00-0169		**Sealed In-Line Filter Driers, Solder Connections** *(23 23 16 00-0159)*		
23 23 16 00-0170	EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections	67.37	8.06
23 23 16 00-0171	EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	86.12	8.06
23 23 16 00-0172	EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections	109.35	8.96
23 23 16 00-0173	EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	125.33	8.96
23 23 16 00-0174	EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections	138.59	8.96
23 23 16 00-0175	EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections	154.75	8.96
23 23 16 00-0176	EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	174.77	9.85
23 23 16 00-0177	EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	238.82	9.85
23 23 16 00-0178	EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections	262.98	9.85
23 23 16 00-0179		**Bi-Flow Filter Driers, Solder Connections** *(23 23 16 00-0159)*		
23 23 16 00-0180	EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	87.43	8.06
23 23 16 00-0181	EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	100.40	8.06
23 23 16 00-0182	EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	121.03	8.96
23 23 16 00-0183	EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	106.06	8.06
23 23 16 00-0184	EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	132.71	8.96
23 23 16 00-0185	EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	156.76	8.96
23 23 16 00-0186		**Refrigerant Compressor Discharge Mufflers** *(23 23 16)*		
23 23 16 00-0187	EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler	82.46	8.06
23 23 16 00-0188	EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler	91.19	8.06
23 23 16 00-0189	EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler	109.42	8.06
23 23 16 00-0190	EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler	147.55	9.85
23 23 16 00-0191	EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler	193.52	9.85
23 23 16 00-0192	EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler	230.46	10.75
23 23 16 00-0193	EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler	291.10	11.65
23 23 16 00-0194	EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler	501.21	12.54
23 23 16 00-0195	EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler	567.84	13.44
23 23 16 00-0196	EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler	704.13	13.44
23 23 16 00-0197		**Expansion Valves And Vibration Absorbers** *(23 23 16)*		
23 23 16 00-0198		**Thermostatic Expansion Valves** *(23 23 16 00-0197)* Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0199	EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve	160.67	8.06
23 23 16 00-0200	EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	223.29	8.96
23 23 16 00-0201	EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve	367.51	8.96
23 23 16 00-0202	EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	436.30	9.85
23 23 16 00-0203	EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve	481.10	9.85
23 23 16 00-0204		**Electric Expansion Valves** *(23 23 16 00-0197)* Note: Sporlan SEI or SEH.		
23 23 16 00-0205	EA	1/2 To 11 Ton Electric Expansion Valve Note: Sporlan SEI.	512.30	11.20
23 23 16 00-0206	EA	25 Ton Electric Expansion Valve Note: Sporlan SEI.	594.46	11.65
23 23 16 00-0207	EA	50 Ton Electric Expansion Valve Note: Sporlan SEI.	677.07	12.10
23 23 16 00-0208	EA	100 Ton Electric Expansion Valve Note: Sporlan SEH.	793.33	12.10
23 23 16 00-0209	EA	175 Ton Electric Expansion Valve Note: Sporlan SEH.	894.06	12.54
23 23 16 00-0210		**Braided Stainless Steel Over Copper Vibration Absorber** *(23 23 16 00-0197)*		
23 23 16 00-0211	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	42.87	11.65
23 23 16 00-0212	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	44.81	13.44
23 23 16 00-0213	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	57.52	17.02
23 23 16 00-0214	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	63.08	20.60
23 23 16 00-0215	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	74.84	25.08
23 23 16 00-0216	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	86.13	28.67
23 23 16 00-0217	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	122.92	10.75
23 23 16 00-0218	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	168.62	11.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0219	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	207.25	11.65
23 23 16 00-0220	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	275.98	12.54
23 23 16 00-0221	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	458.71	13.44
23 23 16 00-0222	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	597.89	13.44

23 23 16 00-0223 Accumulator, Refrigerant Suction Line *(23 23 16)*

23 23 16 00-0224	EA	3/4" Accumulator, Refrigeration Suction Line	139.56	40.76
23 23 16 00-0225	EA	7/8" Accumulator, Refrigeration Suction Line	189.60	55.99
23 23 16 00-0226	EA	1-1/8" Accumulator, Refrigeration Suction Line	230.55	74.63
23 23 16 00-0227	EA	1 3/8" Accumulator, Refrigeration Suction Line	316.05	89.59
23 23 16 00-0228	EA	1-5/8" Accumulator, Refrigeration Suction Line	429.12	111.99
23 23 16 00-0229	EA	2-1/8" Accumulator, Refrigeration Suction Line	640.73	149.35

23 23 16 00-0230 Special Chemicals/Component *(23 23 16)*

23 23 16 00-0231	GAL	Special Chemical, Inhibited Propylene Glycol, 100%	24.22	
23 23 16 00-0232	GAL	Removal And Storage For Reuse Of Inhibited Propylene Glycol	6.95	
23 23 16 00-0233	GAL	Special Chemical, Inhibited Ethylene Glycol, 100%	16.69	
23 23 16 00-0234	EA	Internal Coil/Refrigerant Piping Flush Note: Up to 10 ton AC system.	227.02	

23 23 23 Refrigerants *(23 23)*

23 23 23 00-0001 Refrigerant *(23 23 23)*

23 23 23 00-0002	LB	Refrigerant R-113	24.82	
23 23 23 00-0003	LB	Refrigerant R-123	18.21	
23 23 23 00-0004	LB	Refrigerant R-134A	6.49	
23 23 23 00-0005	LB	Refrigerant R-404A	11.61	
23 23 23 00-0006	LB	Refrigerant R-407C	11.49	
23 23 23 00-0007	LB	Refrigerant R-408A	26.19	
23 23 23 00-0008	LB	Refrigerant R-410A	11.26	
23 23 23 00-0009	LB	Refrigerant R-500	22.25	
23 23 23 00-0010	LB	Refrigerant R-507	7.16	

23 25 HVAC Water Treatment *(23 20)*

23 25 13 Water Treatment For Closed-Loop Hydronic Systems *(23 25)*

23 25 13 00-0001 Polyethylene Chemical Storage Tanks *(23 25 13)*

23 25 13 00-0002	EA	15 Gallon Chemical Storage Tank, Polyethylene	228.90	74.84

23 25 13 00-0003 Gas Chlorinator *(23 25 13)*

23 25 13 00-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,031.23	340.52
		For Booster Pump, Add	*389.51*	
23 25 13 00-0005	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,178.04	389.16
		For Booster Pump, Add	*445.21*	
23 25 13 00-0006	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,657.59	294.79
		For Booster Pump, Add	*550.47*	

23 25 13 00-0007 Bypass Shot Feeders *(23 25 13)*

Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.

23 25 13 00-0008 In Line Mount, 125 PSIG *(23 25 13 00-0007)*

23 25 13 00-0009	EA	1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG	913.93	253.54

23 25 13 00-0010 Floor Mount, 175 PSIG *(23 25 13 00-0007)*

23 25 13 00-0011	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,340.09	381.66
23 25 13 00-0012	EA	12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,765.72	505.30

23 25 13 00-0013 Floor Mount, 150 LB ASME Code *(23 25 13 00-0007)*

23 25 13 00-0014	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,340.09	381.66
23 25 13 00-0015	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,765.72	505.30

23 25 13 00-0016 Floor Mount, 300 LB ASME Code *(23 25 13 00-0007)*

23 25 13 00-0017	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	1,724.80	381.66
23 25 13 00-0018	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	2,165.19	505.30

23 30 HVAC Air Distribution *(23)*

23 31 HVAC Ducts And Casings *(23 30)*

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0439 for angle iron, 23 05 29 00-0001 for threaded rod.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 31 13 Metal Ducts *(23 31)*

23 31 13 13 Rectangular Metal Ducts *(23 31 13)*

23 31 13 13-0001 **Steel Sheet Metal Duct** *(23 31 13 13)*
Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer.

23 31 13 13-0002 **Galvanized Steel Sheet Metal Ductwork** *(23 31 13 13-0001)*
Note: SMACNA weight for galvanized steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF

23 31 13 13-0003	LB	2" WG And Less (Class C), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	9.78	2.66
		For Polyvinyl Chloride (PVC) Coated, Add	*0.32*	
		For Up To 200, Add	*3.41*	
		For >200 To 500, Add	*2.16*	
		For >500 To 1,000, Add	*1.48*	
		For >1,000 To 2,000, Add	*0.83*	
		For >2,000 To 5,000, Add	*0.38*	
		For Work In Restricted Working Space, Add	*2.45*	
		For Elevated Installation >10' To 15', Add	*0.49*	
		For Elevated Installation >15' To 20', Add	*0.98*	
		For Elevated Installation >20' To 25', Add	*1.23*	
		For Elevated Installation >25' To 30', Add	*1.72*	
		For Elevated Installation >30' To 35', Add	*1.96*	
		For Elevated Installation >35' To 40', Add	*2.45*	
		For Elevated Installation >40', Add	*2.70*	
23 31 13 13-0004	LB	3" WG (Class B), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	11.01	2.66
		For Polyvinyl Chloride (PVC) Coated, Add	*0.32*	
		For Up To 200, Add	*3.78*	
		For >200 To 500, Add	*2.38*	
		For >500 To 1,000, Add	*1.65*	
		For >1,000 To 2,000, Add	*0.93*	
		For >2,000 To 5,000, Add	*0.42*	
		For Work In Restricted Working Space, Add	*2.82*	
		For Elevated Installation >10' To 15', Add	*0.56*	
		For Elevated Installation >15' To 20', Add	*1.13*	
		For Elevated Installation >20' To 25', Add	*1.41*	
		For Elevated Installation >25' To 30', Add	*1.98*	
		For Elevated Installation >30' To 35', Add	*2.26*	
		For Elevated Installation >35' To 40', Add	*2.82*	
		For Elevated Installation >40', Add	*3.11*	
23 31 13 13-0005	LB	4" Or 6" WG (Class A), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	13.06	2.66
		For Polyvinyl Chloride (PVC) Coated, Add	*0.32*	
		For Up To 200, Add	*4.40*	
		For >200 To 500, Add	*2.75*	
		For >500 To 1,000, Add	*1.94*	
		For >1,000 To 2,000, Add	*1.09*	
		For >2,000 To 5,000, Add	*0.51*	
		For Work In Restricted Working Space, Add	*3.44*	
		For Elevated Installation >10' To 15', Add	*0.69*	
		For Elevated Installation >15' To 20', Add	*1.38*	
		For Elevated Installation >20' To 25', Add	*1.72*	
		For Elevated Installation >25' To 30', Add	*2.41*	
		For Elevated Installation >30' To 35', Add	*2.75*	
		For Elevated Installation >35' To 40', Add	*3.44*	
		For Elevated Installation >40', Add	*3.78*	

23 31 13 13-0006 **Alloy 3003-H14, Aluminum Sheet Metal Ductwork** *(23 31 13 13-0001)*
Note: SMACNA weight for aluminum ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge – 0.901 LB/SF; 12 gauge – 0.141 LB/SF

23 31 13 13-0007	LB	2" WG And Less (Class C), Alloy 3003-H14, Aluminum Sheet Metal Ductwork	18.98	2.66
		For Work In Restricted Working Space, Add	*4.85*	
		For Up To 200, Add	*6.54*	
		For >200 To 500, Add	*4.12*	
		For >500 To 1,000, Add	*2.85*	
		For >1,000 To 2,000, Add	*1.60*	
		For >2,000 To 5,000, Add	*0.73*	
		For Elevated Installation >10' To 15', Add	*0.97*	
		For Elevated Installation >15' To 20', Add	*1.94*	
		For Elevated Installation >20' To 25', Add	*2.43*	
		For Elevated Installation >25' To 30', Add	*3.40*	
		For Elevated Installation >30' To 35', Add	*3.88*	
		For Elevated Installation >35' To 40', Add	*4.85*	
		For Elevated Installation >40', Add	*5.34*	
23 31 13 13-0008	LB	3" WG (Class B), Alloy 3003-H14, Aluminum Sheet Metal Ductwork	21.40	2.66
		For Work In Restricted Working Space, Add	*5.58*	
		For Up To 200, Add	*7.26*	
		For >200 To 500, Add	*4.55*	
		For >500 To 1,000, Add	*3.19*	
		For >1,000 To 2,000, Add	*1.80*	
		For >2,000 To 5,000, Add	*0.83*	
		For Elevated Installation >10' To 15', Add	*1.12*	
		For Elevated Installation >15' To 20', Add	*2.23*	
		For Elevated Installation >20' To 25', Add	*2.79*	
		For Elevated Installation >25' To 30', Add	*3.90*	
		For Elevated Installation >30' To 35', Add	*4.46*	
		For Elevated Installation >35' To 40', Add	*5.58*	
		For Elevated Installation >40', Add	*6.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0009	LB	4" Or 6" WG (Class A), Alloy 3003-H14, Aluminum Sheet Metal Ductwork	25.45	2.66
		For Work In Restricted Working Space, Add	*6.79*	
		For Up To 200, Add	*8.48*	
		For >200 To 500, Add	*5.28*	
		For >500 To 1,000, Add	*3.76*	
		For >1,000 To 2,000, Add	*2.12*	
		For >2,000 To 5,000, Add	*0.99*	
		For Elevated Installation >10' To 15', Add	*1.36*	
		For Elevated Installation >15' To 20', Add	*2.72*	
		For Elevated Installation >20' To 25', Add	*3.40*	
		For Elevated Installation >25' To 30', Add	*4.75*	
		For Elevated Installation >30' To 35', Add	*5.43*	
		For Elevated Installation >35' To 40', Add	*6.79*	
		For Elevated Installation >40', Add	*7.47*	

23 31 13 13-0010 Type 304, Stainless Steel Sheet Metal Ductwork *(23 31 13 13-0001)*

Note: SMACNA weight for stainless steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge – 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge – 3.154 LB/SF; 12 gauge – 4.427 LB/SF

23 31 13 13-0011	LB	2" WG And Less (Class C), Type 304, Stainless Steel Sheet Metal Ductwork	13.48	3.54
		For Work In Restricted Working Space, Add	*2.98*	
		For Welded Seams, Add	*5.15*	
		For Up To 200, Add	*5.11*	
		For >200 To 500, Add	*3.31*	
		For >500 To 1,000, Add	*2.14*	
		For >1,000 To 2,000, Add	*1.18*	
		For >2,000 To 5,000, Add	*0.50*	
		For Elevated Installation >10' To 15', Add	*0.60*	
		For Elevated Installation >15' To 20', Add	*1.19*	
		For Elevated Installation >20' To 25', Add	*1.49*	
		For Elevated Installation >25' To 30', Add	*2.09*	
		For Elevated Installation >30' To 35', Add	*2.39*	
		For Elevated Installation >35' To 40', Add	*2.98*	
		For Elevated Installation >40', Add	*3.28*	
23 31 13 13-0012	LB	3" WG (Class B), Type 304, Stainless Steel Sheet Metal Ductwork	15.53	3.54
		For Work In Restricted Working Space, Add	*3.60*	
		For Welded Seams, Add	*6.17*	
		For Up To 200, Add	*5.72*	
		For >200 To 500, Add	*3.68*	
		For >500 To 1,000, Add	*2.42*	
		For >1,000 To 2,000, Add	*1.35*	
		For >2,000 To 5,000, Add	*0.59*	
		For Elevated Installation >10' To 15', Add	*0.72*	
		For Elevated Installation >15' To 20', Add	*1.44*	
		For Elevated Installation >20' To 25', Add	*1.80*	
		For Elevated Installation >25' To 30', Add	*2.52*	
		For Elevated Installation >30' To 35', Add	*2.88*	
		For Elevated Installation >35' To 40', Add	*3.60*	
		For Elevated Installation >40', Add	*3.96*	
23 31 13 13-0013	LB	4" Or 6" WG (Class A), Type 304, Stainless Steel Sheet Metal Ductwork	17.45	3.54
		For Work In Restricted Working Space, Add	*4.17*	
		For Welded Seams, Add	*7.13*	
		For Up To 200, Add	*6.30*	
		For >200 To 500, Add	*4.03*	
		For >500 To 1,000, Add	*2.69*	
		For >1,000 To 2,000, Add	*1.50*	
		For >2,000 To 5,000, Add	*0.66*	
		For Elevated Installation >10' To 15', Add	*0.83*	
		For Elevated Installation >15' To 20', Add	*1.67*	
		For Elevated Installation >20' To 25', Add	*2.09*	
		For Elevated Installation >25' To 30', Add	*2.92*	
		For Elevated Installation >30' To 35', Add	*3.34*	
		For Elevated Installation >35' To 40', Add	*4.17*	
		For Elevated Installation >40', Add	*4.59*	

23 31 13 13-0014 Galvanized Steel Sheet Metal Ductwork By LF *(23 31 13 13-0001)*

Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.

23 31 13 13-0015 30 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

23 31 13 13-0016	LF	4" x 4", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	5.97	2.56
		For 3" WG (Class B), Add	*0.64*	
		For 4" Or 6" WG (Class A), Add	*1.36*	
		For 10" WG (Class A), Add	*1.96*	
		For Work In Restricted Working Space, Add	*1.28*	
23 31 13 13-0017	LF	4" x 6", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	7.46	3.19
		For 3" WG (Class B), Add	*0.80*	
		For 4" Or 6" WG (Class A), Add	*1.71*	
		For 10" WG (Class A), Add	*2.45*	
		For Work In Restricted Working Space, Add	*1.60*	
23 31 13 13-0018	LF	4" x 8", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	8.95	3.84
		For 3" WG (Class B), Add	*0.96*	
		For 4" Or 6" WG (Class A), Add	*2.04*	
		For 10" WG (Class A), Add	*2.94*	
		For Work In Restricted Working Space, Add	*1.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0019	LF	4" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	10.44	4.47
		For 3" WG (Class B), Add	*1.12*	
		For 4" Or 6" WG (Class A), Add	*2.39*	
		For 10" WG (Class A), Add	*3.43*	
		For Work In Restricted Working Space, Add	*2.24*	
23 31 13 13-0020	LF	4" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	11.94	5.11
		For 3" WG (Class B), Add	*1.28*	
		For 4" Or 6" WG (Class A), Add	*2.73*	
		For 10" WG (Class A), Add	*3.92*	
		For Work In Restricted Working Space, Add	*2.56*	
23 31 13 13-0021	LF	4" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	13.42	5.75
		For 3" WG (Class B), Add	*1.44*	
		For 4" Or 6" WG (Class A), Add	*3.07*	
		For 10" WG (Class A), Add	*4.41*	
		For Work In Restricted Working Space, Add	*2.87*	
23 31 13 13-0022	LF	4" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	14.90	6.39
		For 3" WG (Class B), Add	*1.60*	
		For 4" Or 6" WG (Class A), Add	*3.41*	
		For 10" WG (Class A), Add	*4.90*	
		For Work In Restricted Working Space, Add	*3.20*	
23 31 13 13-0023	LF	6" x 6", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	8.95	3.84
		For 3" WG (Class B), Add	*0.96*	
		For 4" Or 6" WG (Class A), Add	*2.04*	
		For 10" WG (Class A), Add	*2.94*	
		For Work In Restricted Working Space, Add	*1.92*	
23 31 13 13-0024	LF	6" x 8", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	10.44	4.47
		For 3" WG (Class B), Add	*1.12*	
		For 4" Or 6" WG (Class A), Add	*2.39*	
		For 10" WG (Class A), Add	*3.43*	
		For Work In Restricted Working Space, Add	*2.24*	
23 31 13 13-0025	LF	6" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	11.94	5.11
		For 3" WG (Class B), Add	*1.28*	
		For 4" Or 6" WG (Class A), Add	*2.73*	
		For 10" WG (Class A), Add	*3.92*	
		For Work In Restricted Working Space, Add	*2.56*	
23 31 13 13-0026	LF	6" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	13.42	5.75
		For 3" WG (Class B), Add	*1.44*	
		For 4" Or 6" WG (Class A), Add	*3.07*	
		For 10" WG (Class A), Add	*4.41*	
		For Work In Restricted Working Space, Add	*2.87*	
23 31 13 13-0027	LF	6" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	14.90	6.39
		For 3" WG (Class B), Add	*1.60*	
		For 4" Or 6" WG (Class A), Add	*3.41*	
		For 10" WG (Class A), Add	*4.90*	
		For Work In Restricted Working Space, Add	*3.20*	
23 31 13 13-0028	LF	6" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	16.41	7.03
		For 3" WG (Class B), Add	*1.76*	
		For 4" Or 6" WG (Class A), Add	*3.75*	
		For 10" WG (Class A), Add	*5.39*	
		For Work In Restricted Working Space, Add	*3.52*	
23 31 13 13-0029	LF	8" x 8", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	11.94	5.11
		For 3" WG (Class B), Add	*1.28*	
		For 4" Or 6" WG (Class A), Add	*2.73*	
		For 10" WG (Class A), Add	*3.92*	
		For Work In Restricted Working Space, Add	*2.56*	
23 31 13 13-0030	LF	8" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	13.42	5.75
		For 3" WG (Class B), Add	*1.44*	
		For 4" Or 6" WG (Class A), Add	*3.07*	
		For 10" WG (Class A), Add	*4.41*	
		For Work In Restricted Working Space, Add	*2.87*	
23 31 13 13-0031	LF	8" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	14.90	6.39
		For 3" WG (Class B), Add	*1.60*	
		For 4" Or 6" WG (Class A), Add	*3.41*	
		For 10" WG (Class A), Add	*4.90*	
		For Work In Restricted Working Space, Add	*3.20*	
23 31 13 13-0032	LF	8" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	16.41	7.03
		For 3" WG (Class B), Add	*1.76*	
		For 4" Or 6" WG (Class A), Add	*3.75*	
		For 10" WG (Class A), Add	*5.39*	
		For Work In Restricted Working Space, Add	*3.52*	
23 31 13 13-0033	LF	8" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	17.90	7.67
		For 3" WG (Class B), Add	*1.92*	
		For 4" Or 6" WG (Class A), Add	*4.09*	
		For 10" WG (Class A), Add	*5.88*	
		For Work In Restricted Working Space, Add	*3.84*	
23 31 13 13-0034	LF	8" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	19.38	8.31
		For 3" WG (Class B), Add	*2.08*	
		For 4" Or 6" WG (Class A), Add	*4.43*	
		For 10" WG (Class A), Add	*6.37*	
		For Work In Restricted Working Space, Add	*4.15*	
23 31 13 13-0035	LF	8" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	20.87	8.95
		For 3" WG (Class B), Add	*2.24*	
		For 4" Or 6" WG (Class A), Add	*4.77*	
		For 10" WG (Class A), Add	*6.86*	
		For Work In Restricted Working Space, Add	*4.47*	
23 31 13 13-0036	LF	8" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	22.38	9.58
		For 3" WG (Class B), Add	*2.40*	
		For 4" Or 6" WG (Class A), Add	*5.11*	
		For 10" WG (Class A), Add	*7.35*	
		For Work In Restricted Working Space, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0037	LF	8" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	23.86	10.23
		For 3" WG (Class B), Add	*2.56*	
		For 4" Or 6" WG (Class A), Add	*5.45*	
		For 10" WG (Class A), Add	*7.84*	
		For Work In Restricted Working Space, Add	*5.11*	
23 31 13 13-0038	LF	10" x 10", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	14.90	6.39
		For 3" WG (Class B), Add	*1.60*	
		For 4" Or 6" WG (Class A), Add	*3.41*	
		For 10" WG (Class A), Add	*4.90*	
		For Work In Restricted Working Space, Add	*3.20*	
23 31 13 13-0039	LF	10" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	16.41	7.03
		For 3" WG (Class B), Add	*1.76*	
		For 4" Or 6" WG (Class A), Add	*3.75*	
		For 10" WG (Class A), Add	*5.39*	
		For Work In Restricted Working Space, Add	*3.52*	
23 31 13 13-0040	LF	10" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	17.90	7.67
		For 3" WG (Class B), Add	*1.92*	
		For 4" Or 6" WG (Class A), Add	*4.09*	
		For 10" WG (Class A), Add	*5.88*	
		For Work In Restricted Working Space, Add	*3.84*	
23 31 13 13-0041	LF	10" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	19.38	8.31
		For 3" WG (Class B), Add	*2.08*	
		For 4" Or 6" WG (Class A), Add	*4.43*	
		For 10" WG (Class A), Add	*6.37*	
		For Work In Restricted Working Space, Add	*4.15*	
23 31 13 13-0042	LF	10" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	20.87	8.95
		For 3" WG (Class B), Add	*2.24*	
		For 4" Or 6" WG (Class A), Add	*4.77*	
		For 10" WG (Class A), Add	*6.86*	
		For Work In Restricted Working Space, Add	*4.47*	
23 31 13 13-0043	LF	10" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	22.38	9.58
		For 3" WG (Class B), Add	*2.40*	
		For 4" Or 6" WG (Class A), Add	*5.11*	
		For 10" WG (Class A), Add	*7.35*	
		For Work In Restricted Working Space, Add	*4.79*	
23 31 13 13-0044	LF	10" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	23.86	10.23
		For 3" WG (Class B), Add	*2.56*	
		For 4" Or 6" WG (Class A), Add	*5.45*	
		For 10" WG (Class A), Add	*7.84*	
		For Work In Restricted Working Space, Add	*5.11*	
23 31 13 13-0045	LF	10" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	25.36	10.86
		For 3" WG (Class B), Add	*2.72*	
		For 4" Or 6" WG (Class A), Add	*5.80*	
		For 10" WG (Class A), Add	*8.33*	
		For Work In Restricted Working Space, Add	*5.43*	
23 31 13 13-0046	LF	12" x 12", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	17.90	7.67
		For 3" WG (Class B), Add	*1.92*	
		For 4" Or 6" WG (Class A), Add	*4.09*	
		For 10" WG (Class A), Add	*5.88*	
		For Work In Restricted Working Space, Add	*3.84*	
23 31 13 13-0047	LF	12" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	19.38	8.31
		For 3" WG (Class B), Add	*2.08*	
		For 4" Or 6" WG (Class A), Add	*4.43*	
		For 10" WG (Class A), Add	*6.37*	
		For Work In Restricted Working Space, Add	*4.15*	
23 31 13 13-0048	LF	12" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	20.87	8.95
		For 3" WG (Class B), Add	*2.24*	
		For 4" Or 6" WG (Class A), Add	*4.77*	
		For 10" WG (Class A), Add	*6.86*	
		For Work In Restricted Working Space, Add	*4.47*	
23 31 13 13-0049	LF	12" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	22.38	9.58
		For 3" WG (Class B), Add	*2.40*	
		For 4" Or 6" WG (Class A), Add	*5.11*	
		For 10" WG (Class A), Add	*7.35*	
		For Work In Restricted Working Space, Add	*4.79*	
23 31 13 13-0050	LF	12" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	23.86	10.23
		For 3" WG (Class B), Add	*2.56*	
		For 4" Or 6" WG (Class A), Add	*5.45*	
		For 10" WG (Class A), Add	*7.84*	
		For Work In Restricted Working Space, Add	*5.11*	
23 31 13 13-0051	LF	12" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	25.36	10.86
		For 3" WG (Class B), Add	*2.72*	
		For 4" Or 6" WG (Class A), Add	*5.80*	
		For 10" WG (Class A), Add	*8.33*	
		For Work In Restricted Working Space, Add	*5.43*	
23 31 13 13-0052	LF	12" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	26.84	11.51
		For 3" WG (Class B), Add	*2.88*	
		For 4" Or 6" WG (Class A), Add	*6.13*	
		For 10" WG (Class A), Add	*8.82*	
		For Work In Restricted Working Space, Add	*5.75*	
23 31 13 13-0053	LF	14" x 14", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	20.87	8.95
		For 3" WG (Class B), Add	*2.24*	
		For 4" Or 6" WG (Class A), Add	*4.77*	
		For 10" WG (Class A), Add	*6.86*	
		For Work In Restricted Working Space, Add	*4.47*	
23 31 13 13-0054	LF	14" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	22.38	9.58
		For 3" WG (Class B), Add	*2.40*	
		For 4" Or 6" WG (Class A), Add	*5.11*	
		For 10" WG (Class A), Add	*7.35*	
		For Work In Restricted Working Space, Add	*4.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0055	LF	14" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	23.86	10.23
		For 3" WG (Class B), Add	*2.56*	
		For 4" Or 6" WG (Class A), Add	*5.45*	
		For 10" WG (Class A), Add	*7.84*	
		For Work In Restricted Working Space, Add	*5.11*	
23 31 13 13-0056	LF	14" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	25.36	10.86
		For 3" WG (Class B), Add	*2.72*	
		For 4" Or 6" WG (Class A), Add	*5.80*	
		For 10" WG (Class A), Add	*8.33*	
		For Work In Restricted Working Space, Add	*5.43*	
23 31 13 13-0057	LF	14" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	26.84	11.51
		For 3" WG (Class B), Add	*2.88*	
		For 4" Or 6" WG (Class A), Add	*6.13*	
		For 10" WG (Class A), Add	*8.82*	
		For Work In Restricted Working Space, Add	*5.75*	
23 31 13 13-0058	LF	14" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	28.35	12.14
		For 3" WG (Class B), Add	*3.04*	
		For 4" Or 6" WG (Class A), Add	*6.48*	
		For 10" WG (Class A), Add	*9.31*	
		For Work In Restricted Working Space, Add	*6.07*	
23 31 13 13-0059	LF	16" x 16", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	23.86	10.23
		For 3" WG (Class B), Add	*2.56*	
		For 4" Or 6" WG (Class A), Add	*5.45*	
		For 10" WG (Class A), Add	*7.84*	
		For Work In Restricted Working Space, Add	*5.11*	
23 31 13 13-0060	LF	16" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	25.36	10.86
		For 3" WG (Class B), Add	*2.72*	
		For 4" Or 6" WG (Class A), Add	*5.80*	
		For 10" WG (Class A), Add	*8.33*	
		For Work In Restricted Working Space, Add	*5.43*	
23 31 13 13-0061	LF	16" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	26.84	11.51
		For 3" WG (Class B), Add	*2.88*	
		For 4" Or 6" WG (Class A), Add	*6.13*	
		For 10" WG (Class A), Add	*8.82*	
		For Work In Restricted Working Space, Add	*5.75*	
23 31 13 13-0062	LF	16" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	28.35	12.14
		For 3" WG (Class B), Add	*3.04*	
		For 4" Or 6" WG (Class A), Add	*6.48*	
		For 10" WG (Class A), Add	*9.31*	
		For Work In Restricted Working Space, Add	*6.07*	
23 31 13 13-0063	LF	16" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	29.83	12.79
		For 3" WG (Class B), Add	*3.20*	
		For 4" Or 6" WG (Class A), Add	*6.82*	
		For 10" WG (Class A), Add	*9.80*	
		For Work In Restricted Working Space, Add	*6.39*	
23 31 13 13-0064	LF	18" x 18", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	26.84	11.51
		For 3" WG (Class B), Add	*2.88*	
		For 4" Or 6" WG (Class A), Add	*6.13*	
		For 10" WG (Class A), Add	*8.82*	
		For Work In Restricted Working Space, Add	*5.75*	
23 31 13 13-0065	LF	18" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	28.35	12.14
		For 3" WG (Class B), Add	*3.04*	
		For 4" Or 6" WG (Class A), Add	*6.48*	
		For 10" WG (Class A), Add	*9.31*	
		For Work In Restricted Working Space, Add	*6.07*	
23 31 13 13-0066	LF	18" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	29.83	12.79
		For 3" WG (Class B), Add	*3.20*	
		For 4" Or 6" WG (Class A), Add	*6.82*	
		For 10" WG (Class A), Add	*9.80*	
		For Work In Restricted Working Space, Add	*6.39*	
23 31 13 13-0067	LF	18" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	31.31	13.42
		For 3" WG (Class B), Add	*3.36*	
		For 4" Or 6" WG (Class A), Add	*7.16*	
		For 10" WG (Class A), Add	*10.29*	
		For Work In Restricted Working Space, Add	*6.71*	
23 31 13 13-0068	LF	20" x 20", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	29.83	12.79
		For 3" WG (Class B), Add	*3.20*	
		For 4" Or 6" WG (Class A), Add	*6.82*	
		For 10" WG (Class A), Add	*9.80*	
		For Work In Restricted Working Space, Add	*6.39*	
23 31 13 13-0069	LF	20" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	31.31	13.42
		For 3" WG (Class B), Add	*3.36*	
		For 4" Or 6" WG (Class A), Add	*7.16*	
		For 10" WG (Class A), Add	*10.29*	
		For Work In Restricted Working Space, Add	*6.71*	
23 31 13 13-0070	LF	20" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	32.82	14.06
		For 3" WG (Class B), Add	*3.52*	
		For 4" Or 6" WG (Class A), Add	*7.50*	
		For 10" WG (Class A), Add	*10.78*	
		For Work In Restricted Working Space, Add	*7.03*	
23 31 13 13-0071	LF	22" x 22", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	32.82	14.06
		For 3" WG (Class B), Add	*3.52*	
		For 4" Or 6" WG (Class A), Add	*7.50*	
		For 10" WG (Class A), Add	*10.78*	
		For Work In Restricted Working Space, Add	*7.03*	
23 31 13 13-0072	LF	22" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	34.29	14.70
		For 3" WG (Class B), Add	*3.67*	
		For 4" Or 6" WG (Class A), Add	*7.84*	
		For 10" WG (Class A), Add	*11.27*	
		For Work In Restricted Working Space, Add	*7.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0073	LF	24" x 24", Up To 2" WG (Class C), 30 Gauge Galvanized Steel Sheet Metal Ductwork	35.79	15.34
		For 3" WG (Class B), Add	*3.83*	
		For 4" Or 6" WG (Class A), Add	*8.18*	
		For 10" WG (Class A), Add	*11.76*	
		For Work In Restricted Working Space, Add	*7.67*	
23 31 13 13-0074		28 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*		
23 31 13 13-0075	LF	4" x 4", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	7.09	3.04
		For 3" WG (Class B), Add	*0.76*	
		For 4" Or 6" WG (Class A), Add	*1.62*	
		For 10" WG (Class A), Add	*2.33*	
		For Work In Restricted Working Space, Add	*1.52*	
23 31 13 13-0076	LF	4" x 6", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	8.88	3.81
		For 3" WG (Class B), Add	*0.95*	
		For 4" Or 6" WG (Class A), Add	*2.03*	
		For 10" WG (Class A), Add	*2.92*	
		For Work In Restricted Working Space, Add	*1.90*	
23 31 13 13-0077	LF	4" x 8", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	10.65	4.56
		For 3" WG (Class B), Add	*1.14*	
		For 4" Or 6" WG (Class A), Add	*2.44*	
		For 10" WG (Class A), Add	*3.50*	
		For Work In Restricted Working Space, Add	*2.28*	
23 31 13 13-0078	LF	4" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	12.42	5.33
		For 3" WG (Class B), Add	*1.33*	
		For 4" Or 6" WG (Class A), Add	*2.84*	
		For 10" WG (Class A), Add	*4.08*	
		For Work In Restricted Working Space, Add	*2.66*	
23 31 13 13-0079	LF	4" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	14.21	6.09
		For 3" WG (Class B), Add	*1.52*	
		For 4" Or 6" WG (Class A), Add	*3.25*	
		For 10" WG (Class A), Add	*4.67*	
		For Work In Restricted Working Space, Add	*3.05*	
23 31 13 13-0080	LF	4" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	15.98	6.85
		For 3" WG (Class B), Add	*1.71*	
		For 4" Or 6" WG (Class A), Add	*3.65*	
		For 10" WG (Class A), Add	*5.25*	
		For Work In Restricted Working Space, Add	*3.43*	
23 31 13 13-0081	LF	4" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	17.74	7.61
		For 3" WG (Class B), Add	*1.90*	
		For 4" Or 6" WG (Class A), Add	*4.06*	
		For 10" WG (Class A), Add	*5.83*	
		For Work In Restricted Working Space, Add	*3.80*	
23 31 13 13-0082	LF	6" x 6", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	10.65	4.56
		For 3" WG (Class B), Add	*1.14*	
		For 4" Or 6" WG (Class A), Add	*2.44*	
		For 10" WG (Class A), Add	*3.50*	
		For Work In Restricted Working Space, Add	*2.28*	
23 31 13 13-0083	LF	6" x 8", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	12.42	5.33
		For 3" WG (Class B), Add	*1.33*	
		For 4" Or 6" WG (Class A), Add	*2.84*	
		For 10" WG (Class A), Add	*4.08*	
		For Work In Restricted Working Space, Add	*2.66*	
23 31 13 13-0084	LF	6" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	14.21	6.09
		For 3" WG (Class B), Add	*1.52*	
		For 4" Or 6" WG (Class A), Add	*3.25*	
		For 10" WG (Class A), Add	*4.67*	
		For Work In Restricted Working Space, Add	*3.05*	
23 31 13 13-0085	LF	6" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	15.98	6.85
		For 3" WG (Class B), Add	*1.71*	
		For 4" Or 6" WG (Class A), Add	*3.65*	
		For 10" WG (Class A), Add	*5.25*	
		For Work In Restricted Working Space, Add	*3.43*	
23 31 13 13-0086	LF	6" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	17.74	7.61
		For 3" WG (Class B), Add	*1.90*	
		For 4" Or 6" WG (Class A), Add	*4.06*	
		For 10" WG (Class A), Add	*5.83*	
		For Work In Restricted Working Space, Add	*3.80*	
23 31 13 13-0087	LF	6" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	19.54	8.37
		For 3" WG (Class B), Add	*2.09*	
		For 4" Or 6" WG (Class A), Add	*4.46*	
		For 10" WG (Class A), Add	*6.42*	
		For Work In Restricted Working Space, Add	*4.19*	
23 31 13 13-0088	LF	8" x 8", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	14.21	6.09
		For 3" WG (Class B), Add	*1.52*	
		For 4" Or 6" WG (Class A), Add	*3.25*	
		For 10" WG (Class A), Add	*4.67*	
		For Work In Restricted Working Space, Add	*3.05*	
23 31 13 13-0089	LF	8" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	15.98	6.85
		For 3" WG (Class B), Add	*1.71*	
		For 4" Or 6" WG (Class A), Add	*3.65*	
		For 10" WG (Class A), Add	*5.25*	
		For Work In Restricted Working Space, Add	*3.43*	
23 31 13 13-0090	LF	8" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	17.74	7.61
		For 3" WG (Class B), Add	*1.90*	
		For 4" Or 6" WG (Class A), Add	*4.06*	
		For 10" WG (Class A), Add	*5.83*	
		For Work In Restricted Working Space, Add	*3.80*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0091	LF	8" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	19.54	8.37
		For 3" WG (Class B), Add	*2.09*	
		For 4" Or 6" WG (Class A), Add	*4.46*	
		For 10" WG (Class A), Add	*6.42*	
		For Work In Restricted Working Space, Add	*4.19*	
23 31 13 13-0092	LF	8" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	21.31	9.13
		For 3" WG (Class B), Add	*2.28*	
		For 4" Or 6" WG (Class A), Add	*4.87*	
		For 10" WG (Class A), Add	*7.00*	
		For Work In Restricted Working Space, Add	*4.57*	
23 31 13 13-0093	LF	8" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	23.07	9.89
		For 3" WG (Class B), Add	*2.47*	
		For 4" Or 6" WG (Class A), Add	*5.27*	
		For 10" WG (Class A), Add	*7.58*	
		For Work In Restricted Working Space, Add	*4.94*	
23 31 13 13-0094	LF	8" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	24.86	10.65
		For 3" WG (Class B), Add	*2.66*	
		For 4" Or 6" WG (Class A), Add	*5.68*	
		For 10" WG (Class A), Add	*8.17*	
		For Work In Restricted Working Space, Add	*5.33*	
23 31 13 13-0095	LF	8" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	26.63	11.42
		For 3" WG (Class B), Add	*2.85*	
		For 4" Or 6" WG (Class A), Add	*6.09*	
		For 10" WG (Class A), Add	*8.75*	
		For Work In Restricted Working Space, Add	*5.71*	
23 31 13 13-0096	LF	8" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	28.42	12.17
		For 3" WG (Class B), Add	*3.04*	
		For 4" Or 6" WG (Class A), Add	*6.49*	
		For 10" WG (Class A), Add	*9.33*	
		For Work In Restricted Working Space, Add	*6.09*	
23 31 13 13-0097	LF	10" x 10", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	17.74	7.61
		For 3" WG (Class B), Add	*1.90*	
		For 4" Or 6" WG (Class A), Add	*4.06*	
		For 10" WG (Class A), Add	*5.83*	
		For Work In Restricted Working Space, Add	*3.80*	
23 31 13 13-0098	LF	10" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	19.54	8.37
		For 3" WG (Class B), Add	*2.09*	
		For 4" Or 6" WG (Class A), Add	*4.46*	
		For 10" WG (Class A), Add	*6.42*	
		For Work In Restricted Working Space, Add	*4.19*	
23 31 13 13-0099	LF	10" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	21.31	9.13
		For 3" WG (Class B), Add	*2.28*	
		For 4" Or 6" WG (Class A), Add	*4.87*	
		For 10" WG (Class A), Add	*7.00*	
		For Work In Restricted Working Space, Add	*4.57*	
23 31 13 13-0100	LF	10" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	23.07	9.89
		For 3" WG (Class B), Add	*2.47*	
		For 4" Or 6" WG (Class A), Add	*5.27*	
		For 10" WG (Class A), Add	*7.58*	
		For Work In Restricted Working Space, Add	*4.94*	
23 31 13 13-0101	LF	10" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	24.86	10.65
		For 3" WG (Class B), Add	*2.66*	
		For 4" Or 6" WG (Class A), Add	*5.68*	
		For 10" WG (Class A), Add	*8.17*	
		For Work In Restricted Working Space, Add	*5.33*	
23 31 13 13-0102	LF	10" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	26.63	11.42
		For 3" WG (Class B), Add	*2.85*	
		For 4" Or 6" WG (Class A), Add	*6.09*	
		For 10" WG (Class A), Add	*8.75*	
		For Work In Restricted Working Space, Add	*5.71*	
23 31 13 13-0103	LF	10" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	28.42	12.17
		For 3" WG (Class B), Add	*3.04*	
		For 4" Or 6" WG (Class A), Add	*6.49*	
		For 10" WG (Class A), Add	*9.33*	
		For Work In Restricted Working Space, Add	*6.09*	
23 31 13 13-0104	LF	10" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	30.18	12.94
		For 3" WG (Class B), Add	*3.23*	
		For 4" Or 6" WG (Class A), Add	*6.90*	
		For 10" WG (Class A), Add	*9.91*	
		For Work In Restricted Working Space, Add	*6.47*	
23 31 13 13-0105	LF	12" x 12", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	21.31	9.13
		For 3" WG (Class B), Add	*2.28*	
		For 4" Or 6" WG (Class A), Add	*4.87*	
		For 10" WG (Class A), Add	*7.00*	
		For Work In Restricted Working Space, Add	*4.57*	
23 31 13 13-0106	LF	12" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	23.07	9.89
		For 3" WG (Class B), Add	*2.47*	
		For 4" Or 6" WG (Class A), Add	*5.27*	
		For 10" WG (Class A), Add	*7.58*	
		For Work In Restricted Working Space, Add	*4.94*	
23 31 13 13-0107	LF	12" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	24.86	10.65
		For 3" WG (Class B), Add	*2.66*	
		For 4" Or 6" WG (Class A), Add	*5.68*	
		For 10" WG (Class A), Add	*8.17*	
		For Work In Restricted Working Space, Add	*5.33*	
23 31 13 13-0108	LF	12" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	26.63	11.42
		For 3" WG (Class B), Add	*2.85*	
		For 4" Or 6" WG (Class A), Add	*6.09*	
		For 10" WG (Class A), Add	*8.75*	
		For Work In Restricted Working Space, Add	*5.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0109	LF	12" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	28.42	12.17
		For 3" WG (Class B), Add	*3.04*	
		For 4" Or 6" WG (Class A), Add	*6.49*	
		For 10" WG (Class A), Add	*9.33*	
		For Work In Restricted Working Space, Add	*6.09*	
23 31 13 13-0110	LF	12" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	30.18	12.94
		For 3" WG (Class B), Add	*3.23*	
		For 4" Or 6" WG (Class A), Add	*6.90*	
		For 10" WG (Class A), Add	*9.91*	
		For Work In Restricted Working Space, Add	*6.47*	
23 31 13 13-0111	LF	12" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	31.95	13.69
		For 3" WG (Class B), Add	*3.42*	
		For 4" Or 6" WG (Class A), Add	*7.30*	
		For 10" WG (Class A), Add	*10.50*	
		For Work In Restricted Working Space, Add	*6.85*	
23 31 13 13-0112	LF	14" x 14", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	24.86	10.65
		For 3" WG (Class B), Add	*2.66*	
		For 4" Or 6" WG (Class A), Add	*5.68*	
		For 10" WG (Class A), Add	*8.17*	
		For Work In Restricted Working Space, Add	*5.33*	
23 31 13 13-0113	LF	14" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	26.63	11.42
		For 3" WG (Class B), Add	*2.85*	
		For 4" Or 6" WG (Class A), Add	*6.09*	
		For 10" WG (Class A), Add	*8.75*	
		For Work In Restricted Working Space, Add	*5.71*	
23 31 13 13-0114	LF	14" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	28.42	12.17
		For 3" WG (Class B), Add	*3.04*	
		For 4" Or 6" WG (Class A), Add	*6.49*	
		For 10" WG (Class A), Add	*9.33*	
		For Work In Restricted Working Space, Add	*6.09*	
23 31 13 13-0115	LF	14" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	30.18	12.94
		For 3" WG (Class B), Add	*3.23*	
		For 4" Or 6" WG (Class A), Add	*6.90*	
		For 10" WG (Class A), Add	*9.91*	
		For Work In Restricted Working Space, Add	*6.47*	
23 31 13 13-0116	LF	14" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	31.95	13.69
		For 3" WG (Class B), Add	*3.42*	
		For 4" Or 6" WG (Class A), Add	*7.30*	
		For 10" WG (Class A), Add	*10.50*	
		For Work In Restricted Working Space, Add	*6.85*	
23 31 13 13-0117	LF	14" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	33.74	14.46
		For 3" WG (Class B), Add	*3.61*	
		For 4" Or 6" WG (Class A), Add	*7.71*	
		For 10" WG (Class A), Add	*11.08*	
		For Work In Restricted Working Space, Add	*7.23*	
23 31 13 13-0118	LF	16" x 16", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	28.42	12.17
		For 3" WG (Class B), Add	*3.04*	
		For 4" Or 6" WG (Class A), Add	*6.49*	
		For 10" WG (Class A), Add	*9.33*	
		For Work In Restricted Working Space, Add	*6.09*	
23 31 13 13-0119	LF	16" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	30.18	12.94
		For 3" WG (Class B), Add	*3.23*	
		For 4" Or 6" WG (Class A), Add	*6.90*	
		For 10" WG (Class A), Add	*9.91*	
		For Work In Restricted Working Space, Add	*6.47*	
23 31 13 13-0120	LF	16" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	31.95	13.69
		For 3" WG (Class B), Add	*3.42*	
		For 4" Or 6" WG (Class A), Add	*7.30*	
		For 10" WG (Class A), Add	*10.50*	
		For Work In Restricted Working Space, Add	*6.85*	
23 31 13 13-0121	LF	16" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	33.74	14.46
		For 3" WG (Class B), Add	*3.61*	
		For 4" Or 6" WG (Class A), Add	*7.71*	
		For 10" WG (Class A), Add	*11.08*	
		For Work In Restricted Working Space, Add	*7.23*	
23 31 13 13-0122	LF	16" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	35.51	15.22
		For 3" WG (Class B), Add	*3.80*	
		For 4" Or 6" WG (Class A), Add	*8.12*	
		For 10" WG (Class A), Add	*11.67*	
		For Work In Restricted Working Space, Add	*7.61*	
23 31 13 13-0123	LF	18" x 18", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	31.95	13.69
		For 3" WG (Class B), Add	*3.42*	
		For 4" Or 6" WG (Class A), Add	*7.30*	
		For 10" WG (Class A), Add	*10.50*	
		For Work In Restricted Working Space, Add	*6.85*	
23 31 13 13-0124	LF	18" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	33.74	14.46
		For 3" WG (Class B), Add	*3.61*	
		For 4" Or 6" WG (Class A), Add	*7.71*	
		For 10" WG (Class A), Add	*11.08*	
		For Work In Restricted Working Space, Add	*7.23*	
23 31 13 13-0125	LF	18" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	35.51	15.22
		For 3" WG (Class B), Add	*3.80*	
		For 4" Or 6" WG (Class A), Add	*8.12*	
		For 10" WG (Class A), Add	*11.67*	
		For Work In Restricted Working Space, Add	*7.61*	
23 31 13 13-0126	LF	18" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	37.28	15.98
		For 3" WG (Class B), Add	*3.99*	
		For 4" Or 6" WG (Class A), Add	*8.52*	
		For 10" WG (Class A), Add	*12.25*	
		For Work In Restricted Working Space, Add	*7.99*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0127	LF	20" x 20", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	35.51	15.22
		For 3" WG (Class B), Add	*3.80*	
		For 4" Or 6" WG (Class A), Add	*8.12*	
		For 10" WG (Class A), Add	*11.67*	
		For Work In Restricted Working Space, Add	*7.61*	
23 31 13 13-0128	LF	20" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	37.28	15.98
		For 3" WG (Class B), Add	*3.99*	
		For 4" Or 6" WG (Class A), Add	*8.52*	
		For 10" WG (Class A), Add	*12.25*	
		For Work In Restricted Working Space, Add	*7.99*	
23 31 13 13-0129	LF	20" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	39.07	16.74
		For 3" WG (Class B), Add	*4.19*	
		For 4" Or 6" WG (Class A), Add	*8.93*	
		For 10" WG (Class A), Add	*12.83*	
		For Work In Restricted Working Space, Add	*8.37*	
23 31 13 13-0130	LF	22" x 22", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	39.07	16.74
		For 3" WG (Class B), Add	*4.19*	
		For 4" Or 6" WG (Class A), Add	*8.93*	
		For 10" WG (Class A), Add	*12.83*	
		For Work In Restricted Working Space, Add	*8.37*	
23 31 13 13-0131	LF	22" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	40.84	17.50
		For 3" WG (Class B), Add	*4.38*	
		For 4" Or 6" WG (Class A), Add	*9.33*	
		For 10" WG (Class A), Add	*13.42*	
		For Work In Restricted Working Space, Add	*8.75*	
23 31 13 13-0132	LF	24" x 24", Up To 2" WG (Class C), 28 Gauge Galvanized Steel Sheet Metal Ductwork	42.60	18.26
		For 3" WG (Class B), Add	*4.56*	
		For 4" Or 6" WG (Class A), Add	*9.74*	
		For 10" WG (Class A), Add	*14.00*	
		For Work In Restricted Working Space, Add	*9.13*	

23 31 13 13-0133 26 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

23 31 13 13-0134	LF	4" x 4", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	8.23	3.53
		For 3" WG (Class B), Add	*0.88*	
		For 4" Or 6" WG (Class A), Add	*1.88*	
		For 10" WG (Class A), Add	*2.70*	
		For Work In Restricted Working Space, Add	*1.76*	
23 31 13 13-0135	LF	4" x 6", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	10.30	4.41
		For 3" WG (Class B), Add	*1.10*	
		For 4" Or 6" WG (Class A), Add	*2.36*	
		For 10" WG (Class A), Add	*3.39*	
		For Work In Restricted Working Space, Add	*2.21*	
23 31 13 13-0136	LF	4" x 8", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	12.36	5.30
		For 3" WG (Class B), Add	*1.32*	
		For 4" Or 6" WG (Class A), Add	*2.83*	
		For 10" WG (Class A), Add	*4.06*	
		For Work In Restricted Working Space, Add	*2.65*	
23 31 13 13-0137	LF	4" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	14.42	6.18
		For 3" WG (Class B), Add	*1.55*	
		For 4" Or 6" WG (Class A), Add	*3.30*	
		For 10" WG (Class A), Add	*4.74*	
		For Work In Restricted Working Space, Add	*3.09*	
23 31 13 13-0138	LF	4" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	16.48	7.06
		For 3" WG (Class B), Add	*1.77*	
		For 4" Or 6" WG (Class A), Add	*3.77*	
		For 10" WG (Class A), Add	*5.41*	
		For Work In Restricted Working Space, Add	*3.53*	
23 31 13 13-0139	LF	4" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	18.53	7.94
		For 3" WG (Class B), Add	*1.99*	
		For 4" Or 6" WG (Class A), Add	*4.24*	
		For 10" WG (Class A), Add	*6.09*	
		For Work In Restricted Working Space, Add	*3.97*	
23 31 13 13-0140	LF	4" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	20.59	8.83
		For 3" WG (Class B), Add	*2.21*	
		For 4" Or 6" WG (Class A), Add	*4.71*	
		For 10" WG (Class A), Add	*6.77*	
		For Work In Restricted Working Space, Add	*4.41*	
23 31 13 13-0141	LF	6" x 6", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	12.36	5.30
		For 3" WG (Class B), Add	*1.32*	
		For 4" Or 6" WG (Class A), Add	*2.83*	
		For 10" WG (Class A), Add	*4.06*	
		For Work In Restricted Working Space, Add	*2.65*	
23 31 13 13-0142	LF	6" x 8", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	14.42	6.18
		For 3" WG (Class B), Add	*1.55*	
		For 4" Or 6" WG (Class A), Add	*3.30*	
		For 10" WG (Class A), Add	*4.74*	
		For Work In Restricted Working Space, Add	*3.09*	
23 31 13 13-0143	LF	6" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	16.48	7.06
		For 3" WG (Class B), Add	*1.77*	
		For 4" Or 6" WG (Class A), Add	*3.77*	
		For 10" WG (Class A), Add	*5.41*	
		For Work In Restricted Working Space, Add	*3.53*	
23 31 13 13-0144	LF	6" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	18.54	7.94
		For 3" WG (Class B), Add	*1.99*	
		For 4" Or 6" WG (Class A), Add	*4.24*	
		For 10" WG (Class A), Add	*6.09*	
		For Work In Restricted Working Space, Add	*3.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0145	LF	6" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	20.59	8.83
		For 3" WG (Class B), Add	*2.21*	
		For 4" Or 6" WG (Class A), Add	*4.71*	
		For 10" WG (Class A), Add	*6.77*	
		For Work In Restricted Working Space, Add	*4.41*	
23 31 13 13-0146	LF	6" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	22.66	9.70
		For 3" WG (Class B), Add	*2.43*	
		For 4" Or 6" WG (Class A), Add	*5.18*	
		For 10" WG (Class A), Add	*7.44*	
		For Work In Restricted Working Space, Add	*4.85*	
23 31 13 13-0147	LF	8" x 8", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	16.48	7.06
		For 3" WG (Class B), Add	*1.77*	
		For 4" Or 6" WG (Class A), Add	*3.77*	
		For 10" WG (Class A), Add	*5.41*	
		For Work In Restricted Working Space, Add	*3.53*	
23 31 13 13-0148	LF	8" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	18.54	7.94
		For 3" WG (Class B), Add	*1.99*	
		For 4" Or 6" WG (Class A), Add	*4.24*	
		For 10" WG (Class A), Add	*6.09*	
		For Work In Restricted Working Space, Add	*3.97*	
23 31 13 13-0149	LF	8" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	20.60	8.83
		For 3" WG (Class B), Add	*2.21*	
		For 4" Or 6" WG (Class A), Add	*4.71*	
		For 10" WG (Class A), Add	*6.77*	
		For Work In Restricted Working Space, Add	*4.41*	
23 31 13 13-0150	LF	8" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	22.66	9.70
		For 3" WG (Class B), Add	*2.43*	
		For 4" Or 6" WG (Class A), Add	*5.18*	
		For 10" WG (Class A), Add	*7.44*	
		For Work In Restricted Working Space, Add	*4.85*	
23 31 13 13-0151	LF	8" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	24.72	10.59
		For 3" WG (Class B), Add	*2.65*	
		For 4" Or 6" WG (Class A), Add	*5.65*	
		For 10" WG (Class A), Add	*8.12*	
		For Work In Restricted Working Space, Add	*5.30*	
23 31 13 13-0152	LF	8" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	26.78	11.48
		For 3" WG (Class B), Add	*2.87*	
		For 4" Or 6" WG (Class A), Add	*6.12*	
		For 10" WG (Class A), Add	*8.80*	
		For Work In Restricted Working Space, Add	*5.74*	
23 31 13 13-0153	LF	8" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	28.83	12.35
		For 3" WG (Class B), Add	*3.09*	
		For 4" Or 6" WG (Class A), Add	*6.59*	
		For 10" WG (Class A), Add	*9.48*	
		For Work In Restricted Working Space, Add	*6.18*	
23 31 13 13-0154	LF	8" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	30.91	13.24
		For 3" WG (Class B), Add	*3.31*	
		For 4" Or 6" WG (Class A), Add	*7.06*	
		For 10" WG (Class A), Add	*10.15*	
		For Work In Restricted Working Space, Add	*6.62*	
23 31 13 13-0155	LF	8" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	32.96	14.12
		For 3" WG (Class B), Add	*3.53*	
		For 4" Or 6" WG (Class A), Add	*7.53*	
		For 10" WG (Class A), Add	*10.83*	
		For Work In Restricted Working Space, Add	*7.06*	
23 31 13 13-0156	LF	10" x 10", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	20.60	8.83
		For 3" WG (Class B), Add	*2.21*	
		For 4" Or 6" WG (Class A), Add	*4.71*	
		For 10" WG (Class A), Add	*6.77*	
		For Work In Restricted Working Space, Add	*4.41*	
23 31 13 13-0157	LF	10" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	22.66	9.70
		For 3" WG (Class B), Add	*2.43*	
		For 4" Or 6" WG (Class A), Add	*5.18*	
		For 10" WG (Class A), Add	*7.44*	
		For Work In Restricted Working Space, Add	*4.85*	
23 31 13 13-0158	LF	10" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	24.72	10.59
		For 3" WG (Class B), Add	*2.65*	
		For 4" Or 6" WG (Class A), Add	*5.65*	
		For 10" WG (Class A), Add	*8.12*	
		For Work In Restricted Working Space, Add	*5.30*	
23 31 13 13-0159	LF	10" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	26.78	11.48
		For 3" WG (Class B), Add	*2.87*	
		For 4" Or 6" WG (Class A), Add	*6.12*	
		For 10" WG (Class A), Add	*8.80*	
		For Work In Restricted Working Space, Add	*5.74*	
23 31 13 13-0160	LF	10" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	28.83	12.35
		For 3" WG (Class B), Add	*3.09*	
		For 4" Or 6" WG (Class A), Add	*6.59*	
		For 10" WG (Class A), Add	*9.48*	
		For Work In Restricted Working Space, Add	*6.18*	
23 31 13 13-0161	LF	10" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	30.91	13.24
		For 3" WG (Class B), Add	*3.31*	
		For 4" Or 6" WG (Class A), Add	*7.06*	
		For 10" WG (Class A), Add	*10.15*	
		For Work In Restricted Working Space, Add	*6.62*	
23 31 13 13-0162	LF	10" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	32.96	14.12
		For 3" WG (Class B), Add	*3.53*	
		For 4" Or 6" WG (Class A), Add	*7.53*	
		For 10" WG (Class A), Add	*10.83*	
		For Work In Restricted Working Space, Add	*7.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0163	LF	10" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	35.02	15.00
		For 3" WG (Class B), Add	*3.75*	
		For 4" Or 6" WG (Class A), Add	*8.00*	
		For 10" WG (Class A), Add	*11.50*	
		For Work In Restricted Working Space, Add	*7.50*	
23 31 13 13-0164	LF	12" x 12", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	24.71	10.59
		For 3" WG (Class B), Add	*2.65*	
		For 4" Or 6" WG (Class A), Add	*5.65*	
		For 10" WG (Class A), Add	*8.12*	
		For Work In Restricted Working Space, Add	*5.30*	
23 31 13 13-0165	LF	12" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	26.78	11.48
		For 3" WG (Class B), Add	*2.87*	
		For 4" Or 6" WG (Class A), Add	*6.12*	
		For 10" WG (Class A), Add	*8.80*	
		For Work In Restricted Working Space, Add	*5.74*	
23 31 13 13-0166	LF	12" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	28.83	12.35
		For 3" WG (Class B), Add	*3.09*	
		For 4" Or 6" WG (Class A), Add	*6.59*	
		For 10" WG (Class A), Add	*9.48*	
		For Work In Restricted Working Space, Add	*6.18*	
23 31 13 13-0167	LF	12" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	30.91	13.24
		For 3" WG (Class B), Add	*3.31*	
		For 4" Or 6" WG (Class A), Add	*7.06*	
		For 10" WG (Class A), Add	*10.15*	
		For Work In Restricted Working Space, Add	*6.62*	
23 31 13 13-0168	LF	12" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	32.96	14.12
		For 3" WG (Class B), Add	*3.53*	
		For 4" Or 6" WG (Class A), Add	*7.53*	
		For 10" WG (Class A), Add	*10.83*	
		For Work In Restricted Working Space, Add	*7.06*	
23 31 13 13-0169	LF	12" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	35.02	15.00
		For 3" WG (Class B), Add	*3.75*	
		For 4" Or 6" WG (Class A), Add	*8.00*	
		For 10" WG (Class A), Add	*11.50*	
		For Work In Restricted Working Space, Add	*7.50*	
23 31 13 13-0170	LF	12" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	37.07	15.89
		For 3" WG (Class B), Add	*3.97*	
		For 4" Or 6" WG (Class A), Add	*8.47*	
		For 10" WG (Class A), Add	*12.18*	
		For Work In Restricted Working Space, Add	*7.94*	
23 31 13 13-0171	LF	14" x 14", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	28.83	12.35
		For 3" WG (Class B), Add	*3.09*	
		For 4" Or 6" WG (Class A), Add	*6.59*	
		For 10" WG (Class A), Add	*9.48*	
		For Work In Restricted Working Space, Add	*6.18*	
23 31 13 13-0172	LF	14" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	30.91	13.24
		For 3" WG (Class B), Add	*3.31*	
		For 4" Or 6" WG (Class A), Add	*7.06*	
		For 10" WG (Class A), Add	*10.15*	
		For Work In Restricted Working Space, Add	*6.62*	
23 31 13 13-0173	LF	14" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	32.96	14.12
		For 3" WG (Class B), Add	*3.53*	
		For 4" Or 6" WG (Class A), Add	*7.53*	
		For 10" WG (Class A), Add	*10.83*	
		For Work In Restricted Working Space, Add	*7.06*	
23 31 13 13-0174	LF	14" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	35.02	15.00
		For 3" WG (Class B), Add	*3.75*	
		For 4" Or 6" WG (Class A), Add	*8.00*	
		For 10" WG (Class A), Add	*11.50*	
		For Work In Restricted Working Space, Add	*7.50*	
23 31 13 13-0175	LF	14" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	37.07	15.89
		For 3" WG (Class B), Add	*3.97*	
		For 4" Or 6" WG (Class A), Add	*8.47*	
		For 10" WG (Class A), Add	*12.18*	
		For Work In Restricted Working Space, Add	*7.94*	
23 31 13 13-0176	LF	14" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	39.14	16.77
		For 3" WG (Class B), Add	*4.19*	
		For 4" Or 6" WG (Class A), Add	*8.94*	
		For 10" WG (Class A), Add	*12.86*	
		For Work In Restricted Working Space, Add	*8.39*	
23 31 13 13-0177	LF	16" x 16", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	32.96	14.12
		For 3" WG (Class B), Add	*3.53*	
		For 4" Or 6" WG (Class A), Add	*7.53*	
		For 10" WG (Class A), Add	*10.83*	
		For Work In Restricted Working Space, Add	*7.06*	
23 31 13 13-0178	LF	16" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	35.02	15.00
		For 3" WG (Class B), Add	*3.75*	
		For 4" Or 6" WG (Class A), Add	*8.00*	
		For 10" WG (Class A), Add	*11.50*	
		For Work In Restricted Working Space, Add	*7.50*	
23 31 13 13-0179	LF	16" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	37.07	15.89
		For 3" WG (Class B), Add	*3.97*	
		For 4" Or 6" WG (Class A), Add	*8.47*	
		For 10" WG (Class A), Add	*12.18*	
		For Work In Restricted Working Space, Add	*7.94*	
23 31 13 13-0180	LF	16" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	39.14	16.77
		For 3" WG (Class B), Add	*4.19*	
		For 4" Or 6" WG (Class A), Add	*8.94*	
		For 10" WG (Class A), Add	*12.86*	
		For Work In Restricted Working Space, Add	*8.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0181	LF	16" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	41.20	17.65
		For 3" WG (Class B), Add	*4.41*	
		For 4" Or 6" WG (Class A), Add	*9.41*	
		For 10" WG (Class A), Add	*13.53*	
		For Work In Restricted Working Space, Add	*8.83*	
23 31 13 13-0182	LF	18" x 18", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	37.07	15.89
		For 3" WG (Class B), Add	*3.97*	
		For 4" Or 6" WG (Class A), Add	*8.47*	
		For 10" WG (Class A), Add	*12.18*	
		For Work In Restricted Working Space, Add	*7.94*	
23 31 13 13-0183	LF	18" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	39.14	16.77
		For 3" WG (Class B), Add	*4.19*	
		For 4" Or 6" WG (Class A), Add	*8.94*	
		For 10" WG (Class A), Add	*12.86*	
		For Work In Restricted Working Space, Add	*8.39*	
23 31 13 13-0184	LF	18" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	41.20	17.65
		For 3" WG (Class B), Add	*4.41*	
		For 4" Or 6" WG (Class A), Add	*9.41*	
		For 10" WG (Class A), Add	*13.53*	
		For Work In Restricted Working Space, Add	*8.83*	
23 31 13 13-0185	LF	18" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	43.25	18.53
		For 3" WG (Class B), Add	*4.63*	
		For 4" Or 6" WG (Class A), Add	*9.88*	
		For 10" WG (Class A), Add	*14.21*	
		For Work In Restricted Working Space, Add	*9.27*	
23 31 13 13-0186	LF	20" x 20", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	41.20	17.65
		For 3" WG (Class B), Add	*4.41*	
		For 4" Or 6" WG (Class A), Add	*9.41*	
		For 10" WG (Class A), Add	*13.53*	
		For Work In Restricted Working Space, Add	*8.83*	
23 31 13 13-0187	LF	20" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	43.25	18.53
		For 3" WG (Class B), Add	*4.63*	
		For 4" Or 6" WG (Class A), Add	*9.88*	
		For 10" WG (Class A), Add	*14.21*	
		For Work In Restricted Working Space, Add	*9.27*	
23 31 13 13-0188	LF	20" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	45.31	19.42
		For 3" WG (Class B), Add	*4.86*	
		For 4" Or 6" WG (Class A), Add	*10.36*	
		For 10" WG (Class A), Add	*14.89*	
		For Work In Restricted Working Space, Add	*9.71*	
23 31 13 13-0189	LF	22" x 22", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	45.31	19.42
		For 3" WG (Class B), Add	*4.86*	
		For 4" Or 6" WG (Class A), Add	*10.36*	
		For 10" WG (Class A), Add	*14.89*	
		For Work In Restricted Working Space, Add	*9.71*	
23 31 13 13-0190	LF	22" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	47.39	20.30
		For 3" WG (Class B), Add	*5.08*	
		For 4" Or 6" WG (Class A), Add	*10.83*	
		For 10" WG (Class A), Add	*15.57*	
		For Work In Restricted Working Space, Add	*10.15*	
23 31 13 13-0191	LF	24" x 24", Up To 2" WG (Class C), 26 Gauge Galvanized Steel Sheet Metal Ductwork	49.44	21.18
		For 3" WG (Class B), Add	*5.30*	
		For 4" Or 6" WG (Class A), Add	*11.30*	
		For 10" WG (Class A), Add	*16.24*	
		For Work In Restricted Working Space, Add	*10.59*	

23 31 13 13-0192 24 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

23 31 13 13-0193	LF	4" x 4", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	10.51	4.51
		For 3" WG (Class B), Add	*1.13*	
		For 4" Or 6" WG (Class A), Add	*2.40*	
		For 10" WG (Class A), Add	*3.45*	
		For Work In Restricted Working Space, Add	*2.25*	
23 31 13 13-0194	LF	4" x 6", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	13.14	5.63
		For 3" WG (Class B), Add	*1.41*	
		For 4" Or 6" WG (Class A), Add	*3.00*	
		For 10" WG (Class A), Add	*4.31*	
		For Work In Restricted Working Space, Add	*2.81*	
23 31 13 13-0195	LF	4" x 8", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	15.78	6.76
		For 3" WG (Class B), Add	*1.69*	
		For 4" Or 6" WG (Class A), Add	*3.61*	
		For 10" WG (Class A), Add	*5.18*	
		For Work In Restricted Working Space, Add	*3.38*	
23 31 13 13-0196	LF	4" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	18.40	7.88
		For 3" WG (Class B), Add	*1.97*	
		For 4" Or 6" WG (Class A), Add	*4.20*	
		For 10" WG (Class A), Add	*6.04*	
		For Work In Restricted Working Space, Add	*3.94*	
23 31 13 13-0197	LF	4" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	21.02	9.01
		For 3" WG (Class B), Add	*2.25*	
		For 4" Or 6" WG (Class A), Add	*4.80*	
		For 10" WG (Class A), Add	*6.90*	
		For Work In Restricted Working Space, Add	*4.50*	
23 31 13 13-0198	LF	4" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	23.65	10.13
		For 3" WG (Class B), Add	*2.53*	
		For 4" Or 6" WG (Class A), Add	*5.40*	
		For 10" WG (Class A), Add	*7.77*	
		For Work In Restricted Working Space, Add	*5.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0199	LF	4" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	26.28	11.27
		For 3" WG (Class B), Add	*2.82*	
		For 4" Or 6" WG (Class A), Add	*6.01*	
		For 10" WG (Class A), Add	*8.63*	
		For Work In Restricted Working Space, Add	*5.63*	
23 31 13 13-0200	LF	6" x 6", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	15.78	6.76
		For 3" WG (Class B), Add	*1.69*	
		For 4" Or 6" WG (Class A), Add	*3.61*	
		For 10" WG (Class A), Add	*5.18*	
		For Work In Restricted Working Space, Add	*3.38*	
23 31 13 13-0201	LF	6" x 8", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	18.40	7.88
		For 3" WG (Class B), Add	*1.97*	
		For 4" Or 6" WG (Class A), Add	*4.20*	
		For 10" WG (Class A), Add	*6.04*	
		For Work In Restricted Working Space, Add	*3.94*	
23 31 13 13-0202	LF	6" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	21.02	9.01
		For 3" WG (Class B), Add	*2.25*	
		For 4" Or 6" WG (Class A), Add	*4.80*	
		For 10" WG (Class A), Add	*6.90*	
		For Work In Restricted Working Space, Add	*4.50*	
23 31 13 13-0203	LF	6" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	23.65	10.13
		For 3" WG (Class B), Add	*2.53*	
		For 4" Or 6" WG (Class A), Add	*5.40*	
		For 10" WG (Class A), Add	*7.77*	
		For Work In Restricted Working Space, Add	*5.07*	
23 31 13 13-0204	LF	6" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	26.28	11.27
		For 3" WG (Class B), Add	*2.82*	
		For 4" Or 6" WG (Class A), Add	*6.01*	
		For 10" WG (Class A), Add	*8.63*	
		For Work In Restricted Working Space, Add	*5.63*	
23 31 13 13-0205	LF	6" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	28.91	12.39
		For 3" WG (Class B), Add	*3.10*	
		For 4" Or 6" WG (Class A), Add	*6.61*	
		For 10" WG (Class A), Add	*9.50*	
		For Work In Restricted Working Space, Add	*6.20*	
23 31 13 13-0206	LF	8" x 8", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	21.02	9.01
		For 3" WG (Class B), Add	*2.25*	
		For 4" Or 6" WG (Class A), Add	*4.80*	
		For 10" WG (Class A), Add	*6.90*	
		For Work In Restricted Working Space, Add	*4.50*	
23 31 13 13-0207	LF	8" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	23.65	10.13
		For 3" WG (Class B), Add	*2.53*	
		For 4" Or 6" WG (Class A), Add	*5.40*	
		For 10" WG (Class A), Add	*7.77*	
		For Work In Restricted Working Space, Add	*5.07*	
23 31 13 13-0208	LF	8" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	26.28	11.27
		For 3" WG (Class B), Add	*2.82*	
		For 4" Or 6" WG (Class A), Add	*6.01*	
		For 10" WG (Class A), Add	*8.63*	
		For Work In Restricted Working Space, Add	*5.63*	
23 31 13 13-0209	LF	8" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	28.91	12.39
		For 3" WG (Class B), Add	*3.10*	
		For 4" Or 6" WG (Class A), Add	*6.61*	
		For 10" WG (Class A), Add	*9.50*	
		For Work In Restricted Working Space, Add	*6.20*	
23 31 13 13-0210	LF	8" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	31.53	13.51
		For 3" WG (Class B), Add	*3.38*	
		For 4" Or 6" WG (Class A), Add	*7.21*	
		For 10" WG (Class A), Add	*10.36*	
		For Work In Restricted Working Space, Add	*6.76*	
23 31 13 13-0211	LF	8" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	34.16	14.64
		For 3" WG (Class B), Add	*3.66*	
		For 4" Or 6" WG (Class A), Add	*7.81*	
		For 10" WG (Class A), Add	*11.22*	
		For Work In Restricted Working Space, Add	*7.32*	
23 31 13 13-0212	LF	8" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	36.80	15.77
		For 3" WG (Class B), Add	*3.94*	
		For 4" Or 6" WG (Class A), Add	*8.41*	
		For 10" WG (Class A), Add	*12.09*	
		For Work In Restricted Working Space, Add	*7.88*	
23 31 13 13-0213	LF	8" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	39.43	16.89
		For 3" WG (Class B), Add	*4.22*	
		For 4" Or 6" WG (Class A), Add	*9.01*	
		For 10" WG (Class A), Add	*12.95*	
		For Work In Restricted Working Space, Add	*8.45*	
23 31 13 13-0214	LF	8" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	42.05	18.02
		For 3" WG (Class B), Add	*4.50*	
		For 4" Or 6" WG (Class A), Add	*9.61*	
		For 10" WG (Class A), Add	*13.81*	
		For Work In Restricted Working Space, Add	*9.01*	
23 31 13 13-0215	LF	10" x 10", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	26.28	11.27
		For 3" WG (Class B), Add	*2.82*	
		For 4" Or 6" WG (Class A), Add	*6.01*	
		For 10" WG (Class A), Add	*8.63*	
		For Work In Restricted Working Space, Add	*5.63*	
23 31 13 13-0216	LF	10" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	28.91	12.39
		For 3" WG (Class B), Add	*3.10*	
		For 4" Or 6" WG (Class A), Add	*6.61*	
		For 10" WG (Class A), Add	*9.50*	
		For Work In Restricted Working Space, Add	*6.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0217	LF	10" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	31.53	13.51
		For 3" WG (Class B), Add	*3.38*	
		For 4" Or 6" WG (Class A), Add	*7.21*	
		For 10" WG (Class A), Add	*10.36*	
		For Work In Restricted Working Space, Add	*6.76*	
23 31 13 13-0218	LF	10" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	34.16	14.64
		For 3" WG (Class B), Add	*3.66*	
		For 4" Or 6" WG (Class A), Add	*7.81*	
		For 10" WG (Class A), Add	*11.22*	
		For Work In Restricted Working Space, Add	*7.32*	
23 31 13 13-0219	LF	10" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	36.80	15.77
		For 3" WG (Class B), Add	*3.94*	
		For 4" Or 6" WG (Class A), Add	*8.41*	
		For 10" WG (Class A), Add	*12.09*	
		For Work In Restricted Working Space, Add	*7.88*	
23 31 13 13-0220	LF	10" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	39.43	16.89
		For 3" WG (Class B), Add	*4.22*	
		For 4" Or 6" WG (Class A), Add	*9.01*	
		For 10" WG (Class A), Add	*12.95*	
		For Work In Restricted Working Space, Add	*8.45*	
23 31 13 13-0221	LF	10" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	42.05	18.02
		For 3" WG (Class B), Add	*4.50*	
		For 4" Or 6" WG (Class A), Add	*9.61*	
		For 10" WG (Class A), Add	*13.81*	
		For Work In Restricted Working Space, Add	*9.01*	
23 31 13 13-0222	LF	10" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	44.68	19.15
		For 3" WG (Class B), Add	*4.79*	
		For 4" Or 6" WG (Class A), Add	*10.21*	
		For 10" WG (Class A), Add	*14.68*	
		For Work In Restricted Working Space, Add	*9.57*	
23 31 13 13-0223	LF	10" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	47.31	20.28
		For 3" WG (Class B), Add	*5.07*	
		For 4" Or 6" WG (Class A), Add	*10.81*	
		For 10" WG (Class A), Add	*15.54*	
		For Work In Restricted Working Space, Add	*10.14*	
23 31 13 13-0224	LF	10" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	49.94	21.39
		For 3" WG (Class B), Add	*5.35*	
		For 4" Or 6" WG (Class A), Add	*11.41*	
		For 10" WG (Class A), Add	*16.41*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0225	LF	10" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	52.56	22.52
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0226	LF	12" x 12", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	31.53	13.51
		For 3" WG (Class B), Add	*3.38*	
		For 4" Or 6" WG (Class A), Add	*7.21*	
		For 10" WG (Class A), Add	*10.36*	
		For Work In Restricted Working Space, Add	*6.76*	
23 31 13 13-0227	LF	12" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	34.16	14.64
		For 3" WG (Class B), Add	*3.66*	
		For 4" Or 6" WG (Class A), Add	*7.81*	
		For 10" WG (Class A), Add	*11.22*	
		For Work In Restricted Working Space, Add	*7.32*	
23 31 13 13-0228	LF	12" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	36.80	15.77
		For 3" WG (Class B), Add	*3.94*	
		For 4" Or 6" WG (Class A), Add	*8.41*	
		For 10" WG (Class A), Add	*12.09*	
		For Work In Restricted Working Space, Add	*7.88*	
23 31 13 13-0229	LF	12" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	39.43	16.89
		For 3" WG (Class B), Add	*4.22*	
		For 4" Or 6" WG (Class A), Add	*9.01*	
		For 10" WG (Class A), Add	*12.95*	
		For Work In Restricted Working Space, Add	*8.45*	
23 31 13 13-0230	LF	12" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	42.05	18.02
		For 3" WG (Class B), Add	*4.50*	
		For 4" Or 6" WG (Class A), Add	*9.61*	
		For 10" WG (Class A), Add	*13.81*	
		For Work In Restricted Working Space, Add	*9.01*	
23 31 13 13-0231	LF	12" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	44.68	19.15
		For 3" WG (Class B), Add	*4.79*	
		For 4" Or 6" WG (Class A), Add	*10.21*	
		For 10" WG (Class A), Add	*14.68*	
		For Work In Restricted Working Space, Add	*9.57*	
23 31 13 13-0232	LF	12" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	47.31	20.28
		For 3" WG (Class B), Add	*5.07*	
		For 4" Or 6" WG (Class A), Add	*10.81*	
		For 10" WG (Class A), Add	*15.54*	
		For Work In Restricted Working Space, Add	*10.14*	
23 31 13 13-0233	LF	12" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	49.94	21.39
		For 3" WG (Class B), Add	*5.35*	
		For 4" Or 6" WG (Class A), Add	*11.41*	
		For 10" WG (Class A), Add	*16.41*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0234	LF	12" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	52.56	22.52
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0235	LF	12" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	55.19	23.65
		For 3" WG (Class B), Add	*5.91*	
		For 4" Or 6" WG (Class A), Add	*12.61*	
		For 10" WG (Class A), Add	*18.13*	
		For Work In Restricted Working Space, Add	*11.83*	
23 31 13 13-0236	LF	14" x 14", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	36.80	15.77
		For 3" WG (Class B), Add	*3.94*	
		For 4" Or 6" WG (Class A), Add	*8.41*	
		For 10" WG (Class A), Add	*12.09*	
		For Work In Restricted Working Space, Add	*7.88*	
23 31 13 13-0237	LF	14" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	39.43	16.89
		For 3" WG (Class B), Add	*4.22*	
		For 4" Or 6" WG (Class A), Add	*9.01*	
		For 10" WG (Class A), Add	*12.95*	
		For Work In Restricted Working Space, Add	*8.45*	
23 31 13 13-0238	LF	14" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	42.05	18.02
		For 3" WG (Class B), Add	*4.50*	
		For 4" Or 6" WG (Class A), Add	*9.61*	
		For 10" WG (Class A), Add	*13.81*	
		For Work In Restricted Working Space, Add	*9.01*	
23 31 13 13-0239	LF	14" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	44.68	19.15
		For 3" WG (Class B), Add	*4.79*	
		For 4" Or 6" WG (Class A), Add	*10.21*	
		For 10" WG (Class A), Add	*14.68*	
		For Work In Restricted Working Space, Add	*9.57*	
23 31 13 13-0240	LF	14" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	47.31	20.28
		For 3" WG (Class B), Add	*5.07*	
		For 4" Or 6" WG (Class A), Add	*10.81*	
		For 10" WG (Class A), Add	*15.54*	
		For Work In Restricted Working Space, Add	*10.14*	
23 31 13 13-0241	LF	14" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	49.94	21.39
		For 3" WG (Class B), Add	*5.35*	
		For 4" Or 6" WG (Class A), Add	*11.41*	
		For 10" WG (Class A), Add	*16.41*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0242	LF	14" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	52.56	22.52
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0243	LF	14" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	55.19	23.65
		For 3" WG (Class B), Add	*5.91*	
		For 4" Or 6" WG (Class A), Add	*12.61*	
		For 10" WG (Class A), Add	*18.13*	
		For Work In Restricted Working Space, Add	*11.83*	
23 31 13 13-0244	LF	14" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	57.82	24.78
		For 3" WG (Class B), Add	*6.20*	
		For 4" Or 6" WG (Class A), Add	*13.22*	
		For 10" WG (Class A), Add	*19.00*	
		For Work In Restricted Working Space, Add	*12.39*	
23 31 13 13-0245	LF	16" x 16", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	42.05	18.02
		For 3" WG (Class B), Add	*4.50*	
		For 4" Or 6" WG (Class A), Add	*9.61*	
		For 10" WG (Class A), Add	*13.81*	
		For Work In Restricted Working Space, Add	*9.01*	
23 31 13 13-0246	LF	16" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	44.68	19.15
		For 3" WG (Class B), Add	*4.79*	
		For 4" Or 6" WG (Class A), Add	*10.21*	
		For 10" WG (Class A), Add	*14.68*	
		For Work In Restricted Working Space, Add	*9.57*	
23 31 13 13-0247	LF	16" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	47.31	20.28
		For 3" WG (Class B), Add	*5.07*	
		For 4" Or 6" WG (Class A), Add	*10.81*	
		For 10" WG (Class A), Add	*15.54*	
		For Work In Restricted Working Space, Add	*10.14*	
23 31 13 13-0248	LF	16" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	49.94	21.39
		For 3" WG (Class B), Add	*5.35*	
		For 4" Or 6" WG (Class A), Add	*11.41*	
		For 10" WG (Class A), Add	*16.41*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0249	LF	16" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	52.56	22.52
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0250	LF	16" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	55.19	23.65
		For 3" WG (Class B), Add	*5.91*	
		For 4" Or 6" WG (Class A), Add	*12.61*	
		For 10" WG (Class A), Add	*18.13*	
		For Work In Restricted Working Space, Add	*11.83*	
23 31 13 13-0251	LF	16" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	57.82	24.78
		For 3" WG (Class B), Add	*6.20*	
		For 4" Or 6" WG (Class A), Add	*13.22*	
		For 10" WG (Class A), Add	*19.00*	
		For Work In Restricted Working Space, Add	*12.39*	
23 31 13 13-0252	LF	16" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	60.44	25.90
		For 3" WG (Class B), Add	*6.48*	
		For 4" Or 6" WG (Class A), Add	*13.81*	
		For 10" WG (Class A), Add	*19.86*	
		For Work In Restricted Working Space, Add	*12.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0253	LF	18" x 18", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	47.31	20.28
		For 3" WG (Class B), Add	*5.07*	
		For 4" Or 6" WG (Class A), Add	*10.81*	
		For 10" WG (Class A), Add	*15.54*	
		For Work In Restricted Working Space, Add	*10.14*	
23 31 13 13-0254	LF	18" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	49.94	21.39
		For 3" WG (Class B), Add	*5.35*	
		For 4" Or 6" WG (Class A), Add	*11.41*	
		For 10" WG (Class A), Add	*16.41*	
		For Work In Restricted Working Space, Add	*10.70*	
23 31 13 13-0255	LF	18" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	52.56	22.52
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0256	LF	18" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	55.19	23.65
		For 3" WG (Class B), Add	*5.91*	
		For 4" Or 6" WG (Class A), Add	*12.61*	
		For 10" WG (Class A), Add	*18.13*	
		For Work In Restricted Working Space, Add	*11.83*	
23 31 13 13-0257	LF	18" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	57.82	24.78
		For 3" WG (Class B), Add	*6.20*	
		For 4" Or 6" WG (Class A), Add	*13.22*	
		For 10" WG (Class A), Add	*19.00*	
		For Work In Restricted Working Space, Add	*12.39*	
23 31 13 13-0258	LF	18" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	60.44	25.90
		For 3" WG (Class B), Add	*6.48*	
		For 4" Or 6" WG (Class A), Add	*13.81*	
		For 10" WG (Class A), Add	*19.86*	
		For Work In Restricted Working Space, Add	*12.95*	
23 31 13 13-0259	LF	18" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	63.07	27.03
		For 3" WG (Class B), Add	*6.76*	
		For 4" Or 6" WG (Class A), Add	*14.41*	
		For 10" WG (Class A), Add	*20.72*	
		For Work In Restricted Working Space, Add	*13.51*	
23 31 13 13-0260	LF	20" x 20", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	52.56	22.52
		For 3" WG (Class B), Add	*5.63*	
		For 4" Or 6" WG (Class A), Add	*12.01*	
		For 10" WG (Class A), Add	*17.27*	
		For Work In Restricted Working Space, Add	*11.26*	
23 31 13 13-0261	LF	20" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	55.19	23.65
		For 3" WG (Class B), Add	*5.91*	
		For 4" Or 6" WG (Class A), Add	*12.61*	
		For 10" WG (Class A), Add	*18.13*	
		For Work In Restricted Working Space, Add	*11.83*	
23 31 13 13-0262	LF	20" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	57.82	24.78
		For 3" WG (Class B), Add	*6.20*	
		For 4" Or 6" WG (Class A), Add	*13.22*	
		For 10" WG (Class A), Add	*19.00*	
		For Work In Restricted Working Space, Add	*12.39*	
23 31 13 13-0263	LF	20" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	60.44	25.90
		For 3" WG (Class B), Add	*6.48*	
		For 4" Or 6" WG (Class A), Add	*13.81*	
		For 10" WG (Class A), Add	*19.86*	
		For Work In Restricted Working Space, Add	*12.95*	
23 31 13 13-0264	LF	20" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	63.07	27.03
		For 3" WG (Class B), Add	*6.76*	
		For 4" Or 6" WG (Class A), Add	*14.41*	
		For 10" WG (Class A), Add	*20.72*	
		For Work In Restricted Working Space, Add	*13.51*	
23 31 13 13-0265	LF	20" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	65.70	28.16
		For 3" WG (Class B), Add	*7.04*	
		For 4" Or 6" WG (Class A), Add	*15.01*	
		For 10" WG (Class A), Add	*21.58*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0266	LF	22" x 22", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	57.82	24.78
		For 3" WG (Class B), Add	*6.20*	
		For 4" Or 6" WG (Class A), Add	*13.22*	
		For 10" WG (Class A), Add	*19.00*	
		For Work In Restricted Working Space, Add	*12.39*	
23 31 13 13-0267	LF	22" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	60.44	25.90
		For 3" WG (Class B), Add	*6.48*	
		For 4" Or 6" WG (Class A), Add	*13.81*	
		For 10" WG (Class A), Add	*19.86*	
		For Work In Restricted Working Space, Add	*12.95*	
23 31 13 13-0268	LF	22" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	63.07	27.03
		For 3" WG (Class B), Add	*6.76*	
		For 4" Or 6" WG (Class A), Add	*14.41*	
		For 10" WG (Class A), Add	*20.72*	
		For Work In Restricted Working Space, Add	*13.51*	
23 31 13 13-0269	LF	22" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	65.70	28.16
		For 3" WG (Class B), Add	*7.04*	
		For 4" Or 6" WG (Class A), Add	*15.01*	
		For 10" WG (Class A), Add	*21.58*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0270	LF	22" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	68.33	29.28
		For 3" WG (Class B), Add	*7.32*	
		For 4" Or 6" WG (Class A), Add	*15.62*	
		For 10" WG (Class A), Add	*22.45*	
		For Work In Restricted Working Space, Add	*14.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0271	LF	24" x 24", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	63.07	27.03
		For 3" WG (Class B), Add	*6.76*	
		For 4" Or 6" WG (Class A), Add	*14.41*	
		For 10" WG (Class A), Add	*20.72*	
		For Work In Restricted Working Space, Add	*13.51*	
23 31 13 13-0272	LF	24" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	65.70	28.16
		For 3" WG (Class B), Add	*7.04*	
		For 4" Or 6" WG (Class A), Add	*15.01*	
		For 10" WG (Class A), Add	*21.58*	
		For Work In Restricted Working Space, Add	*14.08*	
23 31 13 13-0273	LF	24" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	68.33	29.28
		For 3" WG (Class B), Add	*7.32*	
		For 4" Or 6" WG (Class A), Add	*15.62*	
		For 10" WG (Class A), Add	*22.45*	
		For Work In Restricted Working Space, Add	*14.64*	
23 31 13 13-0274	LF	24" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	70.96	30.40
		For 3" WG (Class B), Add	*7.60*	
		For 4" Or 6" WG (Class A), Add	*16.22*	
		For 10" WG (Class A), Add	*23.31*	
		For Work In Restricted Working Space, Add	*15.20*	
23 31 13 13-0275	LF	26" x 26", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	68.33	29.28
		For 3" WG (Class B), Add	*7.32*	
		For 4" Or 6" WG (Class A), Add	*15.62*	
		For 10" WG (Class A), Add	*22.45*	
		For Work In Restricted Working Space, Add	*14.64*	
23 31 13 13-0276	LF	26" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	70.96	30.40
		For 3" WG (Class B), Add	*7.60*	
		For 4" Or 6" WG (Class A), Add	*16.22*	
		For 10" WG (Class A), Add	*23.31*	
		For Work In Restricted Working Space, Add	*15.20*	
23 31 13 13-0277	LF	26" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	73.58	31.53
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.82*	
		For 10" WG (Class A), Add	*24.17*	
		For Work In Restricted Working Space, Add	*15.77*	
23 31 13 13-0278	LF	28" x 28", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	73.58	31.53
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.82*	
		For 10" WG (Class A), Add	*24.17*	
		For Work In Restricted Working Space, Add	*15.77*	
23 31 13 13-0279	LF	28" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	76.21	32.66
		For 3" WG (Class B), Add	*8.16*	
		For 4" Or 6" WG (Class A), Add	*17.42*	
		For 10" WG (Class A), Add	*25.04*	
		For Work In Restricted Working Space, Add	*16.33*	
23 31 13 13-0280	LF	30" x 30", Up To 2" WG (Class C), 24 Gauge Galvanized Steel Sheet Metal Ductwork	78.84	33.79
		For 3" WG (Class B), Add	*8.45*	
		For 4" Or 6" WG (Class A), Add	*18.02*	
		For 10" WG (Class A), Add	*25.90*	
		For Work In Restricted Working Space, Add	*16.89*	

23 31 13 13-0281 22 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

23 31 13 13-0282	LF	4" x 4", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	12.78	5.49
		For 3" WG (Class B), Add	*1.37*	
		For 4" Or 6" WG (Class A), Add	*2.92*	
		For 10" WG (Class A), Add	*4.20*	
		For Work In Restricted Working Space, Add	*2.74*	
23 31 13 13-0283	LF	4" x 6", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	15.99	6.85
		For 3" WG (Class B), Add	*1.71*	
		For 4" Or 6" WG (Class A), Add	*3.65*	
		For 10" WG (Class A), Add	*5.25*	
		For Work In Restricted Working Space, Add	*3.43*	
23 31 13 13-0284	LF	4" x 8", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	19.18	8.22
		For 3" WG (Class B), Add	*2.06*	
		For 4" Or 6" WG (Class A), Add	*4.38*	
		For 10" WG (Class A), Add	*6.30*	
		For Work In Restricted Working Space, Add	*4.11*	
23 31 13 13-0285	LF	4" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	22.37	9.59
		For 3" WG (Class B), Add	*2.40*	
		For 4" Or 6" WG (Class A), Add	*5.11*	
		For 10" WG (Class A), Add	*7.35*	
		For Work In Restricted Working Space, Add	*4.79*	
23 31 13 13-0286	LF	4" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	25.57	10.95
		For 3" WG (Class B), Add	*2.74*	
		For 4" Or 6" WG (Class A), Add	*5.84*	
		For 10" WG (Class A), Add	*8.40*	
		For Work In Restricted Working Space, Add	*5.48*	
23 31 13 13-0287	LF	4" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	28.77	12.33
		For 3" WG (Class B), Add	*3.08*	
		For 4" Or 6" WG (Class A), Add	*6.58*	
		For 10" WG (Class A), Add	*9.45*	
		For Work In Restricted Working Space, Add	*6.17*	
23 31 13 13-0288	LF	4" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	31.96	13.70
		For 3" WG (Class B), Add	*3.42*	
		For 4" Or 6" WG (Class A), Add	*7.31*	
		For 10" WG (Class A), Add	*10.50*	
		For Work In Restricted Working Space, Add	*6.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0289	LF	6" x 6", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	19.18	8.22
		For 3" WG (Class B), Add	*2.06*	
		For 4" Or 6" WG (Class A), Add	*4.38*	
		For 10" WG (Class A), Add	*6.30*	
		For Work In Restricted Working Space, Add	*4.11*	
23 31 13 13-0290	LF	6" x 8", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	22.37	9.59
		For 3" WG (Class B), Add	*2.40*	
		For 4" Or 6" WG (Class A), Add	*5.11*	
		For 10" WG (Class A), Add	*7.35*	
		For Work In Restricted Working Space, Add	*4.79*	
23 31 13 13-0291	LF	6" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	25.57	10.95
		For 3" WG (Class B), Add	*2.74*	
		For 4" Or 6" WG (Class A), Add	*5.84*	
		For 10" WG (Class A), Add	*8.40*	
		For Work In Restricted Working Space, Add	*5.48*	
23 31 13 13-0292	LF	6" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	28.77	12.33
		For 3" WG (Class B), Add	*3.08*	
		For 4" Or 6" WG (Class A), Add	*6.58*	
		For 10" WG (Class A), Add	*9.45*	
		For Work In Restricted Working Space, Add	*6.17*	
23 31 13 13-0293	LF	6" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	31.96	13.70
		For 3" WG (Class B), Add	*3.42*	
		For 4" Or 6" WG (Class A), Add	*7.31*	
		For 10" WG (Class A), Add	*10.50*	
		For Work In Restricted Working Space, Add	*6.85*	
23 31 13 13-0294	LF	6" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	35.16	15.06
		For 3" WG (Class B), Add	*3.77*	
		For 4" Or 6" WG (Class A), Add	*8.04*	
		For 10" WG (Class A), Add	*11.55*	
		For Work In Restricted Working Space, Add	*7.53*	
23 31 13 13-0295	LF	8" x 8", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	25.57	10.95
		For 3" WG (Class B), Add	*2.74*	
		For 4" Or 6" WG (Class A), Add	*5.84*	
		For 10" WG (Class A), Add	*8.40*	
		For Work In Restricted Working Space, Add	*5.48*	
23 31 13 13-0296	LF	8" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	28.77	12.33
		For 3" WG (Class B), Add	*3.08*	
		For 4" Or 6" WG (Class A), Add	*6.58*	
		For 10" WG (Class A), Add	*9.45*	
		For Work In Restricted Working Space, Add	*6.17*	
23 31 13 13-0297	LF	8" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	31.96	13.70
		For 3" WG (Class B), Add	*3.42*	
		For 4" Or 6" WG (Class A), Add	*7.31*	
		For 10" WG (Class A), Add	*10.50*	
		For Work In Restricted Working Space, Add	*6.85*	
23 31 13 13-0298	LF	8" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	35.16	15.06
		For 3" WG (Class B), Add	*3.77*	
		For 4" Or 6" WG (Class A), Add	*8.04*	
		For 10" WG (Class A), Add	*11.55*	
		For Work In Restricted Working Space, Add	*7.53*	
23 31 13 13-0299	LF	8" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	38.35	16.44
		For 3" WG (Class B), Add	*4.11*	
		For 4" Or 6" WG (Class A), Add	*8.76*	
		For 10" WG (Class A), Add	*12.60*	
		For Work In Restricted Working Space, Add	*8.22*	
23 31 13 13-0300	LF	8" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	41.56	17.81
		For 3" WG (Class B), Add	*4.45*	
		For 4" Or 6" WG (Class A), Add	*9.50*	
		For 10" WG (Class A), Add	*13.65*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0301	LF	8" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	44.75	19.18
		For 3" WG (Class B), Add	*4.79*	
		For 4" Or 6" WG (Class A), Add	*10.23*	
		For 10" WG (Class A), Add	*14.70*	
		For Work In Restricted Working Space, Add	*9.59*	
23 31 13 13-0302	LF	8" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	47.95	20.55
		For 3" WG (Class B), Add	*5.14*	
		For 4" Or 6" WG (Class A), Add	*10.96*	
		For 10" WG (Class A), Add	*15.76*	
		For Work In Restricted Working Space, Add	*10.28*	
23 31 13 13-0303	LF	8" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	51.14	21.92
		For 3" WG (Class B), Add	*5.48*	
		For 4" Or 6" WG (Class A), Add	*11.69*	
		For 10" WG (Class A), Add	*16.80*	
		For Work In Restricted Working Space, Add	*10.96*	
23 31 13 13-0304	LF	10" x 10", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	31.96	13.70
		For 3" WG (Class B), Add	*3.42*	
		For 4" Or 6" WG (Class A), Add	*7.31*	
		For 10" WG (Class A), Add	*10.50*	
		For Work In Restricted Working Space, Add	*6.85*	
23 31 13 13-0305	LF	10" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	35.16	15.06
		For 3" WG (Class B), Add	*3.77*	
		For 4" Or 6" WG (Class A), Add	*8.04*	
		For 10" WG (Class A), Add	*11.55*	
		For Work In Restricted Working Space, Add	*7.53*	
23 31 13 13-0306	LF	10" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	38.35	16.44
		For 3" WG (Class B), Add	*4.11*	
		For 4" Or 6" WG (Class A), Add	*8.76*	
		For 10" WG (Class A), Add	*12.60*	
		For Work In Restricted Working Space, Add	*8.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0307	LF	10" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	41.56	17.81
		For 3" WG (Class B), Add	*4.45*	
		For 4" Or 6" WG (Class A), Add	*9.50*	
		For 10" WG (Class A), Add	*13.65*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0308	LF	10" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	44.75	19.18
		For 3" WG (Class B), Add	*4.79*	
		For 4" Or 6" WG (Class A), Add	*10.23*	
		For 10" WG (Class A), Add	*14.70*	
		For Work In Restricted Working Space, Add	*9.59*	
23 31 13 13-0309	LF	10" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	47.95	20.55
		For 3" WG (Class B), Add	*5.14*	
		For 4" Or 6" WG (Class A), Add	*10.96*	
		For 10" WG (Class A), Add	*15.76*	
		For Work In Restricted Working Space, Add	*10.28*	
23 31 13 13-0310	LF	10" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	51.14	21.92
		For 3" WG (Class B), Add	*5.48*	
		For 4" Or 6" WG (Class A), Add	*11.69*	
		For 10" WG (Class A), Add	*16.80*	
		For Work In Restricted Working Space, Add	*10.96*	
23 31 13 13-0311	LF	10" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	54.34	23.29
		For 3" WG (Class B), Add	*5.82*	
		For 4" Or 6" WG (Class A), Add	*12.42*	
		For 10" WG (Class A), Add	*17.85*	
		For Work In Restricted Working Space, Add	*11.64*	
23 31 13 13-0312	LF	10" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	57.54	24.66
		For 3" WG (Class B), Add	*6.17*	
		For 4" Or 6" WG (Class A), Add	*13.15*	
		For 10" WG (Class A), Add	*18.91*	
		For Work In Restricted Working Space, Add	*12.33*	
23 31 13 13-0313	LF	10" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	60.74	26.02
		For 3" WG (Class B), Add	*6.51*	
		For 4" Or 6" WG (Class A), Add	*13.88*	
		For 10" WG (Class A), Add	*19.95*	
		For Work In Restricted Working Space, Add	*13.01*	
23 31 13 13-0314	LF	10" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	63.93	27.39
		For 3" WG (Class B), Add	*6.85*	
		For 4" Or 6" WG (Class A), Add	*14.61*	
		For 10" WG (Class A), Add	*21.00*	
		For Work In Restricted Working Space, Add	*13.70*	
23 31 13 13-0315	LF	10" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	67.12	28.76
		For 3" WG (Class B), Add	*7.19*	
		For 4" Or 6" WG (Class A), Add	*15.34*	
		For 10" WG (Class A), Add	*22.05*	
		For Work In Restricted Working Space, Add	*14.38*	
23 31 13 13-0316	LF	12" x 12", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	38.35	16.44
		For 3" WG (Class B), Add	*4.11*	
		For 4" Or 6" WG (Class A), Add	*8.76*	
		For 10" WG (Class A), Add	*12.60*	
		For Work In Restricted Working Space, Add	*8.22*	
23 31 13 13-0317	LF	12" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	41.56	17.81
		For 3" WG (Class B), Add	*4.45*	
		For 4" Or 6" WG (Class A), Add	*9.50*	
		For 10" WG (Class A), Add	*13.65*	
		For Work In Restricted Working Space, Add	*8.90*	
23 31 13 13-0318	LF	12" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	44.75	19.18
		For 3" WG (Class B), Add	*4.79*	
		For 4" Or 6" WG (Class A), Add	*10.23*	
		For 10" WG (Class A), Add	*14.70*	
		For Work In Restricted Working Space, Add	*9.59*	
23 31 13 13-0319	LF	12" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	47.95	20.55
		For 3" WG (Class B), Add	*5.14*	
		For 4" Or 6" WG (Class A), Add	*10.96*	
		For 10" WG (Class A), Add	*15.76*	
		For Work In Restricted Working Space, Add	*10.28*	
23 31 13 13-0320	LF	12" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	51.14	21.92
		For 3" WG (Class B), Add	*5.48*	
		For 4" Or 6" WG (Class A), Add	*11.69*	
		For 10" WG (Class A), Add	*16.80*	
		For Work In Restricted Working Space, Add	*10.96*	
23 31 13 13-0321	LF	12" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	54.34	23.29
		For 3" WG (Class B), Add	*5.82*	
		For 4" Or 6" WG (Class A), Add	*12.42*	
		For 10" WG (Class A), Add	*17.85*	
		For Work In Restricted Working Space, Add	*11.64*	
23 31 13 13-0322	LF	12" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	57.54	24.66
		For 3" WG (Class B), Add	*6.17*	
		For 4" Or 6" WG (Class A), Add	*13.15*	
		For 10" WG (Class A), Add	*18.91*	
		For Work In Restricted Working Space, Add	*12.33*	
23 31 13 13-0323	LF	12" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	60.74	26.02
		For 3" WG (Class B), Add	*6.51*	
		For 4" Or 6" WG (Class A), Add	*13.88*	
		For 10" WG (Class A), Add	*19.95*	
		For Work In Restricted Working Space, Add	*13.01*	
23 31 13 13-0324	LF	12" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	63.93	27.39
		For 3" WG (Class B), Add	*6.85*	
		For 4" Or 6" WG (Class A), Add	*14.61*	
		For 10" WG (Class A), Add	*21.00*	
		For Work In Restricted Working Space, Add	*13.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0325	LF	12" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	67.12	28.76
		For 3" WG (Class B), Add	*7.19*	
		For 4" Or 6" WG (Class A), Add	*15.34*	
		For 10" WG (Class A), Add	*22.05*	
		For Work In Restricted Working Space, Add	*14.38*	
23 31 13 13-0326	LF	12" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	70.33	30.14
		For 3" WG (Class B), Add	*7.53*	
		For 4" Or 6" WG (Class A), Add	*16.07*	
		For 10" WG (Class A), Add	*23.11*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0327	LF	12" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	73.52	31.50
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.80*	
		For 10" WG (Class A), Add	*24.15*	
		For Work In Restricted Working Space, Add	*15.75*	
23 31 13 13-0328	LF	12" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	76.71	32.87
		For 3" WG (Class B), Add	*8.22*	
		For 4" Or 6" WG (Class A), Add	*17.53*	
		For 10" WG (Class A), Add	*25.20*	
		For Work In Restricted Working Space, Add	*16.44*	
23 31 13 13-0329	LF	14" x 14", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	44.75	19.18
		For 3" WG (Class B), Add	*4.79*	
		For 4" Or 6" WG (Class A), Add	*10.23*	
		For 10" WG (Class A), Add	*14.70*	
		For Work In Restricted Working Space, Add	*9.59*	
23 31 13 13-0330	LF	14" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	47.95	20.55
		For 3" WG (Class B), Add	*5.14*	
		For 4" Or 6" WG (Class A), Add	*10.96*	
		For 10" WG (Class A), Add	*15.76*	
		For Work In Restricted Working Space, Add	*10.28*	
23 31 13 13-0331	LF	14" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	51.14	21.92
		For 3" WG (Class B), Add	*5.48*	
		For 4" Or 6" WG (Class A), Add	*11.69*	
		For 10" WG (Class A), Add	*16.80*	
		For Work In Restricted Working Space, Add	*10.96*	
23 31 13 13-0332	LF	14" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	54.34	23.29
		For 3" WG (Class B), Add	*5.82*	
		For 4" Or 6" WG (Class A), Add	*12.42*	
		For 10" WG (Class A), Add	*17.85*	
		For Work In Restricted Working Space, Add	*11.64*	
23 31 13 13-0333	LF	14" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	57.54	24.66
		For 3" WG (Class B), Add	*6.17*	
		For 4" Or 6" WG (Class A), Add	*13.15*	
		For 10" WG (Class A), Add	*18.91*	
		For Work In Restricted Working Space, Add	*12.33*	
23 31 13 13-0334	LF	14" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	60.74	26.02
		For 3" WG (Class B), Add	*6.51*	
		For 4" Or 6" WG (Class A), Add	*13.88*	
		For 10" WG (Class A), Add	*19.95*	
		For Work In Restricted Working Space, Add	*13.01*	
23 31 13 13-0335	LF	14" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	63.93	27.39
		For 3" WG (Class B), Add	*6.85*	
		For 4" Or 6" WG (Class A), Add	*14.61*	
		For 10" WG (Class A), Add	*21.00*	
		For Work In Restricted Working Space, Add	*13.70*	
23 31 13 13-0336	LF	14" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	67.12	28.76
		For 3" WG (Class B), Add	*7.19*	
		For 4" Or 6" WG (Class A), Add	*15.34*	
		For 10" WG (Class A), Add	*22.05*	
		For Work In Restricted Working Space, Add	*14.38*	
23 31 13 13-0337	LF	14" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	70.33	30.14
		For 3" WG (Class B), Add	*7.53*	
		For 4" Or 6" WG (Class A), Add	*16.07*	
		For 10" WG (Class A), Add	*23.11*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0338	LF	14" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	73.52	31.50
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.80*	
		For 10" WG (Class A), Add	*24.15*	
		For Work In Restricted Working Space, Add	*15.75*	
23 31 13 13-0339	LF	14" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	76.71	32.87
		For 3" WG (Class B), Add	*8.22*	
		For 4" Or 6" WG (Class A), Add	*17.53*	
		For 10" WG (Class A), Add	*25.20*	
		For Work In Restricted Working Space, Add	*16.44*	
23 31 13 13-0340	LF	14" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	79.91	34.25
		For 3" WG (Class B), Add	*8.56*	
		For 4" Or 6" WG (Class A), Add	*18.26*	
		For 10" WG (Class A), Add	*26.25*	
		For Work In Restricted Working Space, Add	*17.12*	
23 31 13 13-0341	LF	16" x 16", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	51.14	21.92
		For 3" WG (Class B), Add	*5.48*	
		For 4" Or 6" WG (Class A), Add	*11.69*	
		For 10" WG (Class A), Add	*16.80*	
		For Work In Restricted Working Space, Add	*10.96*	
23 31 13 13-0342	LF	16" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	54.34	23.29
		For 3" WG (Class B), Add	*5.82*	
		For 4" Or 6" WG (Class A), Add	*12.42*	
		For 10" WG (Class A), Add	*17.85*	
		For Work In Restricted Working Space, Add	*11.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0343	LF	16" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	57.54	24.66
		For 3" WG (Class B), Add	*6.17*	
		For 4" Or 6" WG (Class A), Add	*13.15*	
		For 10" WG (Class A), Add	*18.91*	
		For Work In Restricted Working Space, Add	*12.33*	
23 31 13 13-0344	LF	16" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	60.74	26.02
		For 3" WG (Class B), Add	*6.51*	
		For 4" Or 6" WG (Class A), Add	*13.88*	
		For 10" WG (Class A), Add	*19.95*	
		For Work In Restricted Working Space, Add	*13.01*	
23 31 13 13-0345	LF	16" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	63.93	27.39
		For 3" WG (Class B), Add	*6.85*	
		For 4" Or 6" WG (Class A), Add	*14.61*	
		For 10" WG (Class A), Add	*21.00*	
		For Work In Restricted Working Space, Add	*13.70*	
23 31 13 13-0346	LF	16" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	67.12	28.76
		For 3" WG (Class B), Add	*7.19*	
		For 4" Or 6" WG (Class A), Add	*15.34*	
		For 10" WG (Class A), Add	*22.05*	
		For Work In Restricted Working Space, Add	*14.38*	
23 31 13 13-0347	LF	16" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	70.33	30.14
		For 3" WG (Class B), Add	*7.53*	
		For 4" Or 6" WG (Class A), Add	*16.07*	
		For 10" WG (Class A), Add	*23.11*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0348	LF	16" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	73.52	31.50
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.80*	
		For 10" WG (Class A), Add	*24.15*	
		For Work In Restricted Working Space, Add	*15.75*	
23 31 13 13-0349	LF	16" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	76.71	32.87
		For 3" WG (Class B), Add	*8.22*	
		For 4" Or 6" WG (Class A), Add	*17.53*	
		For 10" WG (Class A), Add	*25.20*	
		For Work In Restricted Working Space, Add	*16.44*	
23 31 13 13-0350	LF	16" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	79.91	34.25
		For 3" WG (Class B), Add	*8.56*	
		For 4" Or 6" WG (Class A), Add	*18.26*	
		For 10" WG (Class A), Add	*26.25*	
		For Work In Restricted Working Space, Add	*17.12*	
23 31 13 13-0351	LF	16" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	83.11	35.61
		For 3" WG (Class B), Add	*8.90*	
		For 4" Or 6" WG (Class A), Add	*19.00*	
		For 10" WG (Class A), Add	*27.31*	
		For Work In Restricted Working Space, Add	*17.81*	
23 31 13 13-0352	LF	16" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	86.30	36.99
		For 3" WG (Class B), Add	*9.25*	
		For 4" Or 6" WG (Class A), Add	*19.72*	
		For 10" WG (Class A), Add	*28.35*	
		For Work In Restricted Working Space, Add	*18.49*	
23 31 13 13-0353	LF	16" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	89.50	38.35
		For 3" WG (Class B), Add	*9.59*	
		For 4" Or 6" WG (Class A), Add	*20.45*	
		For 10" WG (Class A), Add	*29.40*	
		For Work In Restricted Working Space, Add	*19.18*	
23 31 13 13-0354	LF	16" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.69	39.72
		For 3" WG (Class B), Add	*9.93*	
		For 4" Or 6" WG (Class A), Add	*21.18*	
		For 10" WG (Class A), Add	*30.45*	
		For Work In Restricted Working Space, Add	*19.86*	
23 31 13 13-0355	LF	16" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	95.89	41.10
		For 3" WG (Class B), Add	*10.27*	
		For 4" Or 6" WG (Class A), Add	*21.92*	
		For 10" WG (Class A), Add	*31.51*	
		For Work In Restricted Working Space, Add	*20.55*	
23 31 13 13-0356	LF	18" x 18", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	57.54	24.66
		For 3" WG (Class B), Add	*6.17*	
		For 4" Or 6" WG (Class A), Add	*13.15*	
		For 10" WG (Class A), Add	*18.91*	
		For Work In Restricted Working Space, Add	*12.33*	
23 31 13 13-0357	LF	18" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	60.74	26.02
		For 3" WG (Class B), Add	*6.51*	
		For 4" Or 6" WG (Class A), Add	*13.88*	
		For 10" WG (Class A), Add	*19.95*	
		For Work In Restricted Working Space, Add	*13.01*	
23 31 13 13-0358	LF	18" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	63.93	27.39
		For 3" WG (Class B), Add	*6.85*	
		For 4" Or 6" WG (Class A), Add	*14.61*	
		For 10" WG (Class A), Add	*21.00*	
		For Work In Restricted Working Space, Add	*13.70*	
23 31 13 13-0359	LF	18" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	67.12	28.76
		For 3" WG (Class B), Add	*7.19*	
		For 4" Or 6" WG (Class A), Add	*15.34*	
		For 10" WG (Class A), Add	*22.05*	
		For Work In Restricted Working Space, Add	*14.38*	
23 31 13 13-0360	LF	18" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	70.33	30.14
		For 3" WG (Class B), Add	*7.53*	
		For 4" Or 6" WG (Class A), Add	*16.07*	
		For 10" WG (Class A), Add	*23.11*	
		For Work In Restricted Working Space, Add	*15.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0361	LF	18" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	73.52	31.50
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.80*	
		For 10" WG (Class A), Add	*24.15*	
		For Work In Restricted Working Space, Add	*15.75*	
23 31 13 13-0362	LF	18" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	76.71	32.87
		For 3" WG (Class B), Add	*8.22*	
		For 4" Or 6" WG (Class A), Add	*17.53*	
		For 10" WG (Class A), Add	*25.20*	
		For Work In Restricted Working Space, Add	*16.44*	
23 31 13 13-0363	LF	18" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	79.91	34.25
		For 3" WG (Class B), Add	*8.56*	
		For 4" Or 6" WG (Class A), Add	*18.26*	
		For 10" WG (Class A), Add	*26.25*	
		For Work In Restricted Working Space, Add	*17.12*	
23 31 13 13-0364	LF	18" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	83.11	35.61
		For 3" WG (Class B), Add	*8.90*	
		For 4" Or 6" WG (Class A), Add	*19.00*	
		For 10" WG (Class A), Add	*27.31*	
		For Work In Restricted Working Space, Add	*17.81*	
23 31 13 13-0365	LF	18" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	86.30	36.99
		For 3" WG (Class B), Add	*9.25*	
		For 4" Or 6" WG (Class A), Add	*19.72*	
		For 10" WG (Class A), Add	*28.35*	
		For Work In Restricted Working Space, Add	*18.49*	
23 31 13 13-0366	LF	18" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	89.50	38.35
		For 3" WG (Class B), Add	*9.59*	
		For 4" Or 6" WG (Class A), Add	*20.45*	
		For 10" WG (Class A), Add	*29.40*	
		For Work In Restricted Working Space, Add	*19.18*	
23 31 13 13-0367	LF	18" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.69	39.72
		For 3" WG (Class B), Add	*9.93*	
		For 4" Or 6" WG (Class A), Add	*21.18*	
		For 10" WG (Class A), Add	*30.45*	
		For Work In Restricted Working Space, Add	*19.86*	
23 31 13 13-0368	LF	18" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	95.89	41.10
		For 3" WG (Class B), Add	*10.27*	
		For 4" Or 6" WG (Class A), Add	*21.92*	
		For 10" WG (Class A), Add	*31.51*	
		For Work In Restricted Working Space, Add	*20.55*	
23 31 13 13-0369	LF	18" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	99.09	42.45
		For 3" WG (Class B), Add	*10.62*	
		For 4" Or 6" WG (Class A), Add	*22.65*	
		For 10" WG (Class A), Add	*32.55*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0370	LF	18" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	102.29	43.83
		For 3" WG (Class B), Add	*10.96*	
		For 4" Or 6" WG (Class A), Add	*23.38*	
		For 10" WG (Class A), Add	*33.61*	
		For Work In Restricted Working Space, Add	*21.92*	
23 31 13 13-0371	LF	20" x 20", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	63.93	27.39
		For 3" WG (Class B), Add	*6.85*	
		For 4" Or 6" WG (Class A), Add	*14.61*	
		For 10" WG (Class A), Add	*21.00*	
		For Work In Restricted Working Space, Add	*13.70*	
23 31 13 13-0372	LF	20" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	67.12	28.76
		For 3" WG (Class B), Add	*7.19*	
		For 4" Or 6" WG (Class A), Add	*15.34*	
		For 10" WG (Class A), Add	*22.05*	
		For Work In Restricted Working Space, Add	*14.38*	
23 31 13 13-0373	LF	20" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	70.33	30.14
		For 3" WG (Class B), Add	*7.53*	
		For 4" Or 6" WG (Class A), Add	*16.07*	
		For 10" WG (Class A), Add	*23.11*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0374	LF	20" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	73.52	31.50
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.80*	
		For 10" WG (Class A), Add	*24.15*	
		For Work In Restricted Working Space, Add	*15.75*	
23 31 13 13-0375	LF	20" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	76.71	32.87
		For 3" WG (Class B), Add	*8.22*	
		For 4" Or 6" WG (Class A), Add	*17.53*	
		For 10" WG (Class A), Add	*25.20*	
		For Work In Restricted Working Space, Add	*16.44*	
23 31 13 13-0376	LF	20" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	79.91	34.25
		For 3" WG (Class B), Add	*8.56*	
		For 4" Or 6" WG (Class A), Add	*18.26*	
		For 10" WG (Class A), Add	*26.25*	
		For Work In Restricted Working Space, Add	*17.12*	
23 31 13 13-0377	LF	20" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	83.11	35.61
		For 3" WG (Class B), Add	*8.90*	
		For 4" Or 6" WG (Class A), Add	*19.00*	
		For 10" WG (Class A), Add	*27.31*	
		For Work In Restricted Working Space, Add	*17.81*	
23 31 13 13-0378	LF	20" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	86.30	36.99
		For 3" WG (Class B), Add	*9.25*	
		For 4" Or 6" WG (Class A), Add	*19.72*	
		For 10" WG (Class A), Add	*28.35*	
		For Work In Restricted Working Space, Add	*18.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0379	LF	20" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	89.50	38.35
		For 3" WG (Class B), Add	*9.59*	
		For 4" Or 6" WG (Class A), Add	*20.45*	
		For 10" WG (Class A), Add	*29.40*	
		For Work In Restricted Working Space, Add	*19.18*	
23 31 13 13-0380	LF	20" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.69	39.72
		For 3" WG (Class B), Add	*9.93*	
		For 4" Or 6" WG (Class A), Add	*21.18*	
		For 10" WG (Class A), Add	*30.45*	
		For Work In Restricted Working Space, Add	*19.86*	
23 31 13 13-0381	LF	20" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	95.89	41.10
		For 3" WG (Class B), Add	*10.27*	
		For 4" Or 6" WG (Class A), Add	*21.92*	
		For 10" WG (Class A), Add	*31.51*	
		For Work In Restricted Working Space, Add	*20.55*	
23 31 13 13-0382	LF	20" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	99.09	42.45
		For 3" WG (Class B), Add	*10.62*	
		For 4" Or 6" WG (Class A), Add	*22.65*	
		For 10" WG (Class A), Add	*32.55*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0383	LF	20" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	102.29	43.83
		For 3" WG (Class B), Add	*10.96*	
		For 4" Or 6" WG (Class A), Add	*23.38*	
		For 10" WG (Class A), Add	*33.61*	
		For Work In Restricted Working Space, Add	*21.92*	
23 31 13 13-0384	LF	20" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	105.48	45.20
		For 3" WG (Class B), Add	*11.30*	
		For 4" Or 6" WG (Class A), Add	*24.11*	
		For 10" WG (Class A), Add	*34.65*	
		For Work In Restricted Working Space, Add	*22.60*	
23 31 13 13-0385	LF	20" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	108.68	46.56
		For 3" WG (Class B), Add	*11.64*	
		For 4" Or 6" WG (Class A), Add	*24.84*	
		For 10" WG (Class A), Add	*35.71*	
		For Work In Restricted Working Space, Add	*23.29*	
23 31 13 13-0386	LF	22" x 22", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	70.33	30.14
		For 3" WG (Class B), Add	*7.53*	
		For 4" Or 6" WG (Class A), Add	*16.07*	
		For 10" WG (Class A), Add	*23.11*	
		For Work In Restricted Working Space, Add	*15.07*	
23 31 13 13-0387	LF	22" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	73.52	31.50
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.80*	
		For 10" WG (Class A), Add	*24.15*	
		For Work In Restricted Working Space, Add	*15.75*	
23 31 13 13-0388	LF	22" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	76.71	32.87
		For 3" WG (Class B), Add	*8.22*	
		For 4" Or 6" WG (Class A), Add	*17.53*	
		For 10" WG (Class A), Add	*25.20*	
		For Work In Restricted Working Space, Add	*16.44*	
23 31 13 13-0389	LF	22" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	79.91	34.25
		For 3" WG (Class B), Add	*8.56*	
		For 4" Or 6" WG (Class A), Add	*18.26*	
		For 10" WG (Class A), Add	*26.25*	
		For Work In Restricted Working Space, Add	*17.12*	
23 31 13 13-0390	LF	22" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	83.11	35.61
		For 3" WG (Class B), Add	*8.90*	
		For 4" Or 6" WG (Class A), Add	*19.00*	
		For 10" WG (Class A), Add	*27.31*	
		For Work In Restricted Working Space, Add	*17.81*	
23 31 13 13-0391	LF	22" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	86.30	36.99
		For 3" WG (Class B), Add	*9.25*	
		For 4" Or 6" WG (Class A), Add	*19.72*	
		For 10" WG (Class A), Add	*28.35*	
		For Work In Restricted Working Space, Add	*18.49*	
23 31 13 13-0392	LF	22" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	89.50	38.35
		For 3" WG (Class B), Add	*9.59*	
		For 4" Or 6" WG (Class A), Add	*20.45*	
		For 10" WG (Class A), Add	*29.40*	
		For Work In Restricted Working Space, Add	*19.18*	
23 31 13 13-0393	LF	22" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.69	39.72
		For 3" WG (Class B), Add	*9.93*	
		For 4" Or 6" WG (Class A), Add	*21.18*	
		For 10" WG (Class A), Add	*30.45*	
		For Work In Restricted Working Space, Add	*19.86*	
23 31 13 13-0394	LF	22" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	95.89	41.10
		For 3" WG (Class B), Add	*10.27*	
		For 4" Or 6" WG (Class A), Add	*21.92*	
		For 10" WG (Class A), Add	*31.51*	
		For Work In Restricted Working Space, Add	*20.55*	
23 31 13 13-0395	LF	22" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	99.09	42.45
		For 3" WG (Class B), Add	*10.62*	
		For 4" Or 6" WG (Class A), Add	*22.65*	
		For 10" WG (Class A), Add	*32.55*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0396	LF	22" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	102.29	43.83
		For 3" WG (Class B), Add	*10.96*	
		For 4" Or 6" WG (Class A), Add	*23.38*	
		For 10" WG (Class A), Add	*33.61*	
		For Work In Restricted Working Space, Add	*21.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0397	LF	22" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	105.48	45.20
		For 3" WG (Class B), Add	*11.30*	
		For 4" Or 6" WG (Class A), Add	*24.11*	
		For 10" WG (Class A), Add	*34.65*	
		For Work In Restricted Working Space, Add	*22.60*	
23 31 13 13-0398	LF	22" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	108.68	46.56
		For 3" WG (Class B), Add	*11.64*	
		For 4" Or 6" WG (Class A), Add	*24.84*	
		For 10" WG (Class A), Add	*35.71*	
		For Work In Restricted Working Space, Add	*23.29*	
23 31 13 13-0399	LF	22" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	111.88	47.94
		For 3" WG (Class B), Add	*11.99*	
		For 4" Or 6" WG (Class A), Add	*25.57*	
		For 10" WG (Class A), Add	*36.76*	
		For Work In Restricted Working Space, Add	*23.97*	
23 31 13 13-0400	LF	24" x 24", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	76.71	32.87
		For 3" WG (Class B), Add	*8.22*	
		For 4" Or 6" WG (Class A), Add	*17.53*	
		For 10" WG (Class A), Add	*25.20*	
		For Work In Restricted Working Space, Add	*16.44*	
23 31 13 13-0401	LF	24" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	79.91	34.25
		For 3" WG (Class B), Add	*8.56*	
		For 4" Or 6" WG (Class A), Add	*18.26*	
		For 10" WG (Class A), Add	*26.25*	
		For Work In Restricted Working Space, Add	*17.12*	
23 31 13 13-0402	LF	24" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	83.11	35.61
		For 3" WG (Class B), Add	*8.90*	
		For 4" Or 6" WG (Class A), Add	*19.00*	
		For 10" WG (Class A), Add	*27.31*	
		For Work In Restricted Working Space, Add	*17.81*	
23 31 13 13-0403	LF	24" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	86.30	36.99
		For 3" WG (Class B), Add	*9.25*	
		For 4" Or 6" WG (Class A), Add	*19.72*	
		For 10" WG (Class A), Add	*28.35*	
		For Work In Restricted Working Space, Add	*18.49*	
23 31 13 13-0404	LF	24" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	89.50	38.35
		For 3" WG (Class B), Add	*9.59*	
		For 4" Or 6" WG (Class A), Add	*20.45*	
		For 10" WG (Class A), Add	*29.40*	
		For Work In Restricted Working Space, Add	*19.18*	
23 31 13 13-0405	LF	24" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.69	39.72
		For 3" WG (Class B), Add	*9.93*	
		For 4" Or 6" WG (Class A), Add	*21.18*	
		For 10" WG (Class A), Add	*30.45*	
		For Work In Restricted Working Space, Add	*19.86*	
23 31 13 13-0406	LF	24" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	95.89	41.10
		For 3" WG (Class B), Add	*10.27*	
		For 4" Or 6" WG (Class A), Add	*21.92*	
		For 10" WG (Class A), Add	*31.51*	
		For Work In Restricted Working Space, Add	*20.55*	
23 31 13 13-0407	LF	24" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	99.09	42.45
		For 3" WG (Class B), Add	*10.62*	
		For 4" Or 6" WG (Class A), Add	*22.65*	
		For 10" WG (Class A), Add	*32.55*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0408	LF	24" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	102.29	43.83
		For 3" WG (Class B), Add	*10.96*	
		For 4" Or 6" WG (Class A), Add	*23.38*	
		For 10" WG (Class A), Add	*33.61*	
		For Work In Restricted Working Space, Add	*21.92*	
23 31 13 13-0409	LF	24" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	105.48	45.20
		For 3" WG (Class B), Add	*11.30*	
		For 4" Or 6" WG (Class A), Add	*24.11*	
		For 10" WG (Class A), Add	*34.65*	
		For Work In Restricted Working Space, Add	*22.60*	
23 31 13 13-0410	LF	24" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	108.68	46.56
		For 3" WG (Class B), Add	*11.64*	
		For 4" Or 6" WG (Class A), Add	*24.84*	
		For 10" WG (Class A), Add	*35.71*	
		For Work In Restricted Working Space, Add	*23.29*	
23 31 13 13-0411	LF	24" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	111.88	47.94
		For 3" WG (Class B), Add	*11.99*	
		For 4" Or 6" WG (Class A), Add	*25.57*	
		For 10" WG (Class A), Add	*36.76*	
		For Work In Restricted Working Space, Add	*23.97*	
23 31 13 13-0412	LF	24" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	115.08	49.31
		For 3" WG (Class B), Add	*12.33*	
		For 4" Or 6" WG (Class A), Add	*26.30*	
		For 10" WG (Class A), Add	*37.81*	
		For Work In Restricted Working Space, Add	*24.66*	
23 31 13 13-0413	LF	26" x 26", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	83.11	35.61
		For 3" WG (Class B), Add	*8.90*	
		For 4" Or 6" WG (Class A), Add	*19.00*	
		For 10" WG (Class A), Add	*27.31*	
		For Work In Restricted Working Space, Add	*17.81*	
23 31 13 13-0414	LF	26" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	86.30	36.99
		For 3" WG (Class B), Add	*9.25*	
		For 4" Or 6" WG (Class A), Add	*19.72*	
		For 10" WG (Class A), Add	*28.35*	
		For Work In Restricted Working Space, Add	*18.49*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0415	LF	26" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	89.50	38.35
		For 3" WG (Class B), Add	*9.59*	
		For 4" Or 6" WG (Class A), Add	*20.45*	
		For 10" WG (Class A), Add	*29.40*	
		For Work In Restricted Working Space, Add	*19.18*	
23 31 13 13-0416	LF	26" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.69	39.72
		For 3" WG (Class B), Add	*9.93*	
		For 4" Or 6" WG (Class A), Add	*21.18*	
		For 10" WG (Class A), Add	*30.45*	
		For Work In Restricted Working Space, Add	*19.86*	
23 31 13 13-0417	LF	26" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	95.89	41.10
		For 3" WG (Class B), Add	*10.27*	
		For 4" Or 6" WG (Class A), Add	*21.92*	
		For 10" WG (Class A), Add	*31.51*	
		For Work In Restricted Working Space, Add	*20.55*	
23 31 13 13-0418	LF	26" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	99.09	42.45
		For 3" WG (Class B), Add	*10.62*	
		For 4" Or 6" WG (Class A), Add	*22.65*	
		For 10" WG (Class A), Add	*32.55*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0419	LF	26" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	102.29	43.83
		For 3" WG (Class B), Add	*10.96*	
		For 4" Or 6" WG (Class A), Add	*23.38*	
		For 10" WG (Class A), Add	*33.61*	
		For Work In Restricted Working Space, Add	*21.92*	
23 31 13 13-0420	LF	26" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	105.48	45.20
		For 3" WG (Class B), Add	*11.30*	
		For 4" Or 6" WG (Class A), Add	*24.11*	
		For 10" WG (Class A), Add	*34.65*	
		For Work In Restricted Working Space, Add	*22.60*	
23 31 13 13-0421	LF	26" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	108.68	46.56
		For 3" WG (Class B), Add	*11.64*	
		For 4" Or 6" WG (Class A), Add	*24.84*	
		For 10" WG (Class A), Add	*35.71*	
		For Work In Restricted Working Space, Add	*23.29*	
23 31 13 13-0422	LF	26" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	111.88	47.94
		For 3" WG (Class B), Add	*11.99*	
		For 4" Or 6" WG (Class A), Add	*25.57*	
		For 10" WG (Class A), Add	*36.76*	
		For Work In Restricted Working Space, Add	*23.97*	
23 31 13 13-0423	LF	26" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	115.08	49.31
		For 3" WG (Class B), Add	*12.33*	
		For 4" Or 6" WG (Class A), Add	*26.30*	
		For 10" WG (Class A), Add	*37.81*	
		For Work In Restricted Working Space, Add	*24.66*	
23 31 13 13-0424	LF	26" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	118.27	50.68
		For 3" WG (Class B), Add	*12.67*	
		For 4" Or 6" WG (Class A), Add	*27.03*	
		For 10" WG (Class A), Add	*38.86*	
		For Work In Restricted Working Space, Add	*25.34*	
23 31 13 13-0425	LF	28" x 28", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	89.50	38.35
		For 3" WG (Class B), Add	*9.59*	
		For 4" Or 6" WG (Class A), Add	*20.45*	
		For 10" WG (Class A), Add	*29.40*	
		For Work In Restricted Working Space, Add	*19.18*	
23 31 13 13-0426	LF	28" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	92.69	39.72
		For 3" WG (Class B), Add	*9.93*	
		For 4" Or 6" WG (Class A), Add	*21.18*	
		For 10" WG (Class A), Add	*30.45*	
		For Work In Restricted Working Space, Add	*19.86*	
23 31 13 13-0427	LF	28" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	95.89	41.10
		For 3" WG (Class B), Add	*10.27*	
		For 4" Or 6" WG (Class A), Add	*21.92*	
		For 10" WG (Class A), Add	*31.51*	
		For Work In Restricted Working Space, Add	*20.55*	
23 31 13 13-0428	LF	28" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	99.09	42.45
		For 3" WG (Class B), Add	*10.62*	
		For 4" Or 6" WG (Class A), Add	*22.65*	
		For 10" WG (Class A), Add	*32.55*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0429	LF	28" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	102.29	43.83
		For 3" WG (Class B), Add	*10.96*	
		For 4" Or 6" WG (Class A), Add	*23.38*	
		For 10" WG (Class A), Add	*33.61*	
		For Work In Restricted Working Space, Add	*21.92*	
23 31 13 13-0430	LF	28" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	105.48	45.20
		For 3" WG (Class B), Add	*11.30*	
		For 4" Or 6" WG (Class A), Add	*24.11*	
		For 10" WG (Class A), Add	*34.65*	
		For Work In Restricted Working Space, Add	*22.60*	
23 31 13 13-0431	LF	28" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	108.68	46.56
		For 3" WG (Class B), Add	*11.64*	
		For 4" Or 6" WG (Class A), Add	*24.84*	
		For 10" WG (Class A), Add	*35.71*	
		For Work In Restricted Working Space, Add	*23.29*	
23 31 13 13-0432	LF	28" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	111.88	47.94
		For 3" WG (Class B), Add	*11.99*	
		For 4" Or 6" WG (Class A), Add	*25.57*	
		For 10" WG (Class A), Add	*36.76*	
		For Work In Restricted Working Space, Add	*23.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0433	LF	28" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	115.08	49.31
		For 3" WG (Class B), Add	*12.33*	
		For 4" Or 6" WG (Class A), Add	*26.30*	
		For 10" WG (Class A), Add	*37.81*	
		For Work In Restricted Working Space, Add	*24.66*	
23 31 13 13-0434	LF	28" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	118.27	50.68
		For 3" WG (Class B), Add	*12.67*	
		For 4" Or 6" WG (Class A), Add	*27.03*	
		For 10" WG (Class A), Add	*38.86*	
		For Work In Restricted Working Space, Add	*25.34*	
23 31 13 13-0435	LF	28" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.46	52.05
		For 3" WG (Class B), Add	*13.01*	
		For 4" Or 6" WG (Class A), Add	*27.76*	
		For 10" WG (Class A), Add	*39.91*	
		For Work In Restricted Working Space, Add	*26.03*	
23 31 13 13-0436	LF	30" x 30", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	95.89	41.10
		For 3" WG (Class B), Add	*10.27*	
		For 4" Or 6" WG (Class A), Add	*21.92*	
		For 10" WG (Class A), Add	*31.51*	
		For Work In Restricted Working Space, Add	*20.55*	
23 31 13 13-0437	LF	30" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	99.09	42.45
		For 3" WG (Class B), Add	*10.62*	
		For 4" Or 6" WG (Class A), Add	*22.65*	
		For 10" WG (Class A), Add	*32.55*	
		For Work In Restricted Working Space, Add	*21.23*	
23 31 13 13-0438	LF	30" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	102.29	43.83
		For 3" WG (Class B), Add	*10.96*	
		For 4" Or 6" WG (Class A), Add	*23.38*	
		For 10" WG (Class A), Add	*33.61*	
		For Work In Restricted Working Space, Add	*21.92*	
23 31 13 13-0439	LF	30" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	105.48	45.20
		For 3" WG (Class B), Add	*11.30*	
		For 4" Or 6" WG (Class A), Add	*24.11*	
		For 10" WG (Class A), Add	*34.65*	
		For Work In Restricted Working Space, Add	*22.60*	
23 31 13 13-0440	LF	30" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	108.68	46.56
		For 3" WG (Class B), Add	*11.64*	
		For 4" Or 6" WG (Class A), Add	*24.84*	
		For 10" WG (Class A), Add	*35.71*	
		For Work In Restricted Working Space, Add	*23.29*	
23 31 13 13-0441	LF	30" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	111.88	47.94
		For 3" WG (Class B), Add	*11.99*	
		For 4" Or 6" WG (Class A), Add	*25.57*	
		For 10" WG (Class A), Add	*36.76*	
		For Work In Restricted Working Space, Add	*23.97*	
23 31 13 13-0442	LF	30" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	115.08	49.31
		For 3" WG (Class B), Add	*12.33*	
		For 4" Or 6" WG (Class A), Add	*26.30*	
		For 10" WG (Class A), Add	*37.81*	
		For Work In Restricted Working Space, Add	*24.66*	
23 31 13 13-0443	LF	30" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	118.27	50.68
		For 3" WG (Class B), Add	*12.67*	
		For 4" Or 6" WG (Class A), Add	*27.03*	
		For 10" WG (Class A), Add	*38.86*	
		For Work In Restricted Working Space, Add	*25.34*	
23 31 13 13-0444	LF	30" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.46	52.05
		For 3" WG (Class B), Add	*13.01*	
		For 4" Or 6" WG (Class A), Add	*27.76*	
		For 10" WG (Class A), Add	*39.91*	
		For Work In Restricted Working Space, Add	*26.03*	
23 31 13 13-0445	LF	30" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	124.67	53.42
		For 3" WG (Class B), Add	*13.36*	
		For 4" Or 6" WG (Class A), Add	*28.49*	
		For 10" WG (Class A), Add	*40.96*	
		For Work In Restricted Working Space, Add	*26.71*	
23 31 13 13-0446	LF	32" x 32", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	102.29	43.83
		For 3" WG (Class B), Add	*10.96*	
		For 4" Or 6" WG (Class A), Add	*23.38*	
		For 10" WG (Class A), Add	*33.61*	
		For Work In Restricted Working Space, Add	*21.92*	
23 31 13 13-0447	LF	32" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	105.48	45.20
		For 3" WG (Class B), Add	*11.30*	
		For 4" Or 6" WG (Class A), Add	*24.11*	
		For 10" WG (Class A), Add	*34.65*	
		For Work In Restricted Working Space, Add	*22.60*	
23 31 13 13-0448	LF	32" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	108.68	46.56
		For 3" WG (Class B), Add	*11.64*	
		For 4" Or 6" WG (Class A), Add	*24.84*	
		For 10" WG (Class A), Add	*35.71*	
		For Work In Restricted Working Space, Add	*23.29*	
23 31 13 13-0449	LF	32" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	111.88	47.94
		For 3" WG (Class B), Add	*11.99*	
		For 4" Or 6" WG (Class A), Add	*25.57*	
		For 10" WG (Class A), Add	*36.76*	
		For Work In Restricted Working Space, Add	*23.97*	
23 31 13 13-0450	LF	32" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	115.08	49.31
		For 3" WG (Class B), Add	*12.33*	
		For 4" Or 6" WG (Class A), Add	*26.30*	
		For 10" WG (Class A), Add	*37.81*	
		For Work In Restricted Working Space, Add	*24.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0451	LF	32" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	118.27	50.68
		For 3" WG (Class B), Add	*12.67*	
		For 4" Or 6" WG (Class A), Add	*27.03*	
		For 10" WG (Class A), Add	*38.86*	
		For Work In Restricted Working Space, Add	*25.34*	
23 31 13 13-0452	LF	32" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.46	52.05
		For 3" WG (Class B), Add	*13.01*	
		For 4" Or 6" WG (Class A), Add	*27.76*	
		For 10" WG (Class A), Add	*39.91*	
		For Work In Restricted Working Space, Add	*26.03*	
23 31 13 13-0453	LF	32" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	124.67	53.42
		For 3" WG (Class B), Add	*13.36*	
		For 4" Or 6" WG (Class A), Add	*28.49*	
		For 10" WG (Class A), Add	*40.96*	
		For Work In Restricted Working Space, Add	*26.71*	
23 31 13 13-0454	LF	32" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.86	54.79
		For 3" WG (Class B), Add	*13.70*	
		For 4" Or 6" WG (Class A), Add	*29.22*	
		For 10" WG (Class A), Add	*42.01*	
		For Work In Restricted Working Space, Add	*27.40*	
23 31 13 13-0455	LF	34" x 34", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	108.68	46.56
		For 3" WG (Class B), Add	*11.64*	
		For 4" Or 6" WG (Class A), Add	*24.84*	
		For 10" WG (Class A), Add	*35.71*	
		For Work In Restricted Working Space, Add	*23.29*	
23 31 13 13-0456	LF	34" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	111.88	47.94
		For 3" WG (Class B), Add	*11.99*	
		For 4" Or 6" WG (Class A), Add	*25.57*	
		For 10" WG (Class A), Add	*36.76*	
		For Work In Restricted Working Space, Add	*23.97*	
23 31 13 13-0457	LF	34" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	115.08	49.31
		For 3" WG (Class B), Add	*12.33*	
		For 4" Or 6" WG (Class A), Add	*26.30*	
		For 10" WG (Class A), Add	*37.81*	
		For Work In Restricted Working Space, Add	*24.66*	
23 31 13 13-0458	LF	34" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	118.27	50.68
		For 3" WG (Class B), Add	*12.67*	
		For 4" Or 6" WG (Class A), Add	*27.03*	
		For 10" WG (Class A), Add	*38.86*	
		For Work In Restricted Working Space, Add	*25.34*	
23 31 13 13-0459	LF	34" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.46	52.05
		For 3" WG (Class B), Add	*13.01*	
		For 4" Or 6" WG (Class A), Add	*27.76*	
		For 10" WG (Class A), Add	*39.91*	
		For Work In Restricted Working Space, Add	*26.03*	
23 31 13 13-0460	LF	34" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	124.67	53.42
		For 3" WG (Class B), Add	*13.36*	
		For 4" Or 6" WG (Class A), Add	*28.49*	
		For 10" WG (Class A), Add	*40.96*	
		For Work In Restricted Working Space, Add	*26.71*	
23 31 13 13-0461	LF	34" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.86	54.79
		For 3" WG (Class B), Add	*13.70*	
		For 4" Or 6" WG (Class A), Add	*29.22*	
		For 10" WG (Class A), Add	*42.01*	
		For Work In Restricted Working Space, Add	*27.40*	
23 31 13 13-0462	LF	34" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	131.05	56.16
		For 3" WG (Class B), Add	*14.04*	
		For 4" Or 6" WG (Class A), Add	*29.95*	
		For 10" WG (Class A), Add	*43.06*	
		For Work In Restricted Working Space, Add	*28.08*	
23 31 13 13-0463	LF	36" x 36", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	115.08	49.31
		For 3" WG (Class B), Add	*12.33*	
		For 4" Or 6" WG (Class A), Add	*26.30*	
		For 10" WG (Class A), Add	*37.81*	
		For Work In Restricted Working Space, Add	*24.66*	
23 31 13 13-0464	LF	36" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	118.27	50.68
		For 3" WG (Class B), Add	*12.67*	
		For 4" Or 6" WG (Class A), Add	*27.03*	
		For 10" WG (Class A), Add	*38.86*	
		For Work In Restricted Working Space, Add	*25.34*	
23 31 13 13-0465	LF	36" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.46	52.05
		For 3" WG (Class B), Add	*13.01*	
		For 4" Or 6" WG (Class A), Add	*27.76*	
		For 10" WG (Class A), Add	*39.91*	
		For Work In Restricted Working Space, Add	*26.03*	
23 31 13 13-0466	LF	36" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	124.67	53.42
		For 3" WG (Class B), Add	*13.36*	
		For 4" Or 6" WG (Class A), Add	*28.49*	
		For 10" WG (Class A), Add	*40.96*	
		For Work In Restricted Working Space, Add	*26.71*	
23 31 13 13-0467	LF	36" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.86	54.79
		For 3" WG (Class B), Add	*13.70*	
		For 4" Or 6" WG (Class A), Add	*29.22*	
		For 10" WG (Class A), Add	*42.01*	
		For Work In Restricted Working Space, Add	*27.40*	
23 31 13 13-0468	LF	36" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	131.05	56.16
		For 3" WG (Class B), Add	*14.04*	
		For 4" Or 6" WG (Class A), Add	*29.95*	
		For 10" WG (Class A), Add	*43.06*	
		For Work In Restricted Working Space, Add	*28.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0469	LF	36" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	134.25	57.54
		For 3" WG (Class B), Add	*14.38*	
		For 4" Or 6" WG (Class A), Add	*30.68*	
		For 10" WG (Class A), Add	*44.10*	
		For Work In Restricted Working Space, Add	*28.76*	
23 31 13 13-0470	LF	38" x 38", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	121.46	52.05
		For 3" WG (Class B), Add	*13.01*	
		For 4" Or 6" WG (Class A), Add	*27.76*	
		For 10" WG (Class A), Add	*39.91*	
		For Work In Restricted Working Space, Add	*26.03*	
23 31 13 13-0471	LF	38" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	124.67	53.42
		For 3" WG (Class B), Add	*13.36*	
		For 4" Or 6" WG (Class A), Add	*28.49*	
		For 10" WG (Class A), Add	*40.96*	
		For Work In Restricted Working Space, Add	*26.71*	
23 31 13 13-0472	LF	38" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.86	54.79
		For 3" WG (Class B), Add	*13.70*	
		For 4" Or 6" WG (Class A), Add	*29.22*	
		For 10" WG (Class A), Add	*42.01*	
		For Work In Restricted Working Space, Add	*27.40*	
23 31 13 13-0473	LF	38" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	131.05	56.16
		For 3" WG (Class B), Add	*14.04*	
		For 4" Or 6" WG (Class A), Add	*29.95*	
		For 10" WG (Class A), Add	*43.06*	
		For Work In Restricted Working Space, Add	*28.08*	
23 31 13 13-0474	LF	38" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	134.25	57.54
		For 3" WG (Class B), Add	*14.38*	
		For 4" Or 6" WG (Class A), Add	*30.68*	
		For 10" WG (Class A), Add	*44.10*	
		For Work In Restricted Working Space, Add	*28.76*	
23 31 13 13-0475	LF	38" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	137.45	58.89
		For 3" WG (Class B), Add	*14.73*	
		For 4" Or 6" WG (Class A), Add	*31.41*	
		For 10" WG (Class A), Add	*45.16*	
		For Work In Restricted Working Space, Add	*29.45*	
23 31 13 13-0476	LF	38" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	140.64	60.26
		For 3" WG (Class B), Add	*15.07*	
		For 4" Or 6" WG (Class A), Add	*32.14*	
		For 10" WG (Class A), Add	*46.21*	
		For Work In Restricted Working Space, Add	*30.14*	
23 31 13 13-0477	LF	40" x 40", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	127.86	54.79
		For 3" WG (Class B), Add	*13.70*	
		For 4" Or 6" WG (Class A), Add	*29.22*	
		For 10" WG (Class A), Add	*42.01*	
		For Work In Restricted Working Space, Add	*27.40*	
23 31 13 13-0478	LF	40" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	131.05	56.16
		For 3" WG (Class B), Add	*14.04*	
		For 4" Or 6" WG (Class A), Add	*29.95*	
		For 10" WG (Class A), Add	*43.06*	
		For Work In Restricted Working Space, Add	*28.08*	
23 31 13 13-0479	LF	40" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	134.25	57.54
		For 3" WG (Class B), Add	*14.38*	
		For 4" Or 6" WG (Class A), Add	*30.68*	
		For 10" WG (Class A), Add	*44.10*	
		For Work In Restricted Working Space, Add	*28.76*	
23 31 13 13-0480	LF	40" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	137.45	58.89
		For 3" WG (Class B), Add	*14.73*	
		For 4" Or 6" WG (Class A), Add	*31.41*	
		For 10" WG (Class A), Add	*45.16*	
		For Work In Restricted Working Space, Add	*29.45*	
23 31 13 13-0481	LF	40" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	140.64	60.26
		For 3" WG (Class B), Add	*15.07*	
		For 4" Or 6" WG (Class A), Add	*32.14*	
		For 10" WG (Class A), Add	*46.21*	
		For Work In Restricted Working Space, Add	*30.14*	
23 31 13 13-0482	LF	40" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	143.85	61.64
		For 3" WG (Class B), Add	*15.41*	
		For 4" Or 6" WG (Class A), Add	*32.88*	
		For 10" WG (Class A), Add	*47.26*	
		For Work In Restricted Working Space, Add	*30.82*	
23 31 13 13-0483	LF	40" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	147.03	63.00
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.60*	
		For 10" WG (Class A), Add	*48.30*	
		For Work In Restricted Working Space, Add	*31.50*	
23 31 13 13-0484	LF	40" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	150.23	64.38
		For 3" WG (Class B), Add	*16.10*	
		For 4" Or 6" WG (Class A), Add	*34.34*	
		For 10" WG (Class A), Add	*49.36*	
		For Work In Restricted Working Space, Add	*32.19*	
23 31 13 13-0485	LF	42" x 42", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	134.25	57.54
		For 3" WG (Class B), Add	*14.38*	
		For 4" Or 6" WG (Class A), Add	*30.68*	
		For 10" WG (Class A), Add	*44.10*	
		For Work In Restricted Working Space, Add	*28.76*	
23 31 13 13-0486	LF	42" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	137.45	58.89
		For 3" WG (Class B), Add	*14.73*	
		For 4" Or 6" WG (Class A), Add	*31.41*	
		For 10" WG (Class A), Add	*45.16*	
		For Work In Restricted Working Space, Add	*29.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0487	LF	42" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	140.64	60.26
		For 3" WG (Class B), Add	*15.07*	
		For 4" Or 6" WG (Class A), Add	*32.14*	
		For 10" WG (Class A), Add	*46.21*	
		For Work In Restricted Working Space, Add	*30.14*	
23 31 13 13-0488	LF	42" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	143.85	61.64
		For 3" WG (Class B), Add	*15.41*	
		For 4" Or 6" WG (Class A), Add	*32.88*	
		For 10" WG (Class A), Add	*47.26*	
		For Work In Restricted Working Space, Add	*30.82*	
23 31 13 13-0489	LF	42" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	147.03	63.00
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.60*	
		For 10" WG (Class A), Add	*48.30*	
		For Work In Restricted Working Space, Add	*31.50*	
23 31 13 13-0490	LF	42" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	150.23	64.38
		For 3" WG (Class B), Add	*16.10*	
		For 4" Or 6" WG (Class A), Add	*34.34*	
		For 10" WG (Class A), Add	*49.36*	
		For Work In Restricted Working Space, Add	*32.19*	
23 31 13 13-0491	LF	42" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	153.43	65.75
		For 3" WG (Class B), Add	*16.44*	
		For 4" Or 6" WG (Class A), Add	*35.07*	
		For 10" WG (Class A), Add	*50.41*	
		For Work In Restricted Working Space, Add	*32.87*	
23 31 13 13-0492	LF	44" x 44", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	140.64	60.26
		For 3" WG (Class B), Add	*15.07*	
		For 4" Or 6" WG (Class A), Add	*32.14*	
		For 10" WG (Class A), Add	*46.21*	
		For Work In Restricted Working Space, Add	*30.14*	
23 31 13 13-0493	LF	44" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	143.85	61.64
		For 3" WG (Class B), Add	*15.41*	
		For 4" Or 6" WG (Class A), Add	*32.88*	
		For 10" WG (Class A), Add	*47.26*	
		For Work In Restricted Working Space, Add	*30.82*	
23 31 13 13-0494	LF	44" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	147.03	63.00
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.60*	
		For 10" WG (Class A), Add	*48.30*	
		For Work In Restricted Working Space, Add	*31.50*	
23 31 13 13-0495	LF	44" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	150.23	64.38
		For 3" WG (Class B), Add	*16.10*	
		For 4" Or 6" WG (Class A), Add	*34.34*	
		For 10" WG (Class A), Add	*49.36*	
		For Work In Restricted Working Space, Add	*32.19*	
23 31 13 13-0496	LF	44" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	153.43	65.75
		For 3" WG (Class B), Add	*16.44*	
		For 4" Or 6" WG (Class A), Add	*35.07*	
		For 10" WG (Class A), Add	*50.41*	
		For Work In Restricted Working Space, Add	*32.87*	
23 31 13 13-0497	LF	44" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	156.63	67.11
		For 3" WG (Class B), Add	*16.78*	
		For 4" Or 6" WG (Class A), Add	*35.80*	
		For 10" WG (Class A), Add	*51.46*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0498	LF	46" x 46", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	147.03	63.00
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.60*	
		For 10" WG (Class A), Add	*48.30*	
		For Work In Restricted Working Space, Add	*31.50*	
23 31 13 13-0499	LF	46" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	150.23	64.38
		For 3" WG (Class B), Add	*16.10*	
		For 4" Or 6" WG (Class A), Add	*34.34*	
		For 10" WG (Class A), Add	*49.36*	
		For Work In Restricted Working Space, Add	*32.19*	
23 31 13 13-0500	LF	46" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	153.43	65.75
		For 3" WG (Class B), Add	*16.44*	
		For 4" Or 6" WG (Class A), Add	*35.07*	
		For 10" WG (Class A), Add	*50.41*	
		For Work In Restricted Working Space, Add	*32.87*	
23 31 13 13-0501	LF	46" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	156.63	67.11
		For 3" WG (Class B), Add	*16.78*	
		For 4" Or 6" WG (Class A), Add	*35.80*	
		For 10" WG (Class A), Add	*51.46*	
		For Work In Restricted Working Space, Add	*33.56*	
23 31 13 13-0502	LF	46" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	159.81	68.49
		For 3" WG (Class B), Add	*17.12*	
		For 4" Or 6" WG (Class A), Add	*36.52*	
		For 10" WG (Class A), Add	*52.50*	
		For Work In Restricted Working Space, Add	*34.24*	
23 31 13 13-0503	LF	48" x 48", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	153.43	65.75
		For 3" WG (Class B), Add	*16.44*	
		For 4" Or 6" WG (Class A), Add	*35.07*	
		For 10" WG (Class A), Add	*50.41*	
		For Work In Restricted Working Space, Add	*32.87*	
23 31 13 13-0504	LF	48" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	156.63	67.11
		For 3" WG (Class B), Add	*16.78*	
		For 4" Or 6" WG (Class A), Add	*35.80*	
		For 10" WG (Class A), Add	*51.46*	
		For Work In Restricted Working Space, Add	*33.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0505	LF	48" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	159.81	68.49
		For 3" WG (Class B), Add	*17.12*	
		For 4" Or 6" WG (Class A), Add	*36.52*	
		For 10" WG (Class A), Add	*52.50*	
		For Work In Restricted Working Space, Add	*34.24*	
23 31 13 13-0506	LF	48" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	163.02	69.86
		For 3" WG (Class B), Add	*17.46*	
		For 4" Or 6" WG (Class A), Add	*37.26*	
		For 10" WG (Class A), Add	*53.56*	
		For Work In Restricted Working Space, Add	*34.93*	
23 31 13 13-0507	LF	50" x 50", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	159.81	68.49
		For 3" WG (Class B), Add	*17.12*	
		For 4" Or 6" WG (Class A), Add	*36.52*	
		For 10" WG (Class A), Add	*52.50*	
		For Work In Restricted Working Space, Add	*34.24*	
23 31 13 13-0508	LF	50" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	163.02	69.86
		For 3" WG (Class B), Add	*17.46*	
		For 4" Or 6" WG (Class A), Add	*37.26*	
		For 10" WG (Class A), Add	*53.56*	
		For Work In Restricted Working Space, Add	*34.93*	
23 31 13 13-0509	LF	50" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	166.22	71.23
		For 3" WG (Class B), Add	*17.81*	
		For 4" Or 6" WG (Class A), Add	*37.99*	
		For 10" WG (Class A), Add	*54.61*	
		For Work In Restricted Working Space, Add	*35.62*	
23 31 13 13-0510	LF	52" x 52", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	166.22	71.23
		For 3" WG (Class B), Add	*17.81*	
		For 4" Or 6" WG (Class A), Add	*37.99*	
		For 10" WG (Class A), Add	*54.61*	
		For Work In Restricted Working Space, Add	*35.62*	
23 31 13 13-0511	LF	52" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	169.41	72.60
		For 3" WG (Class B), Add	*18.15*	
		For 4" Or 6" WG (Class A), Add	*38.72*	
		For 10" WG (Class A), Add	*55.66*	
		For Work In Restricted Working Space, Add	*36.30*	
23 31 13 13-0512	LF	54" x 54", Up To 2" WG (Class C), 22 Gauge Galvanized Steel Sheet Metal Ductwork	172.61	73.97
		For 3" WG (Class B), Add	*18.49*	
		For 4" Or 6" WG (Class A), Add	*39.45*	
		For 10" WG (Class A), Add	*56.71*	
		For Work In Restricted Working Space, Add	*36.98*	

23 31 13 13-0513 20 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

23 31 13 13-0514	LF	4" x 4", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	15.04	6.45
		For 3" WG (Class B), Add	*1.61*	
		For 4" Or 6" WG (Class A), Add	*3.44*	
		For 10" WG (Class A), Add	*4.95*	
		For Work In Restricted Working Space, Add	*3.23*	
23 31 13 13-0515	LF	4" x 6", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	18.82	8.06
		For 3" WG (Class B), Add	*2.02*	
		For 4" Or 6" WG (Class A), Add	*4.30*	
		For 10" WG (Class A), Add	*6.18*	
		For Work In Restricted Working Space, Add	*4.03*	
23 31 13 13-0516	LF	4" x 8", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	22.59	9.67
		For 3" WG (Class B), Add	*2.42*	
		For 4" Or 6" WG (Class A), Add	*5.16*	
		For 10" WG (Class A), Add	*7.42*	
		For Work In Restricted Working Space, Add	*4.84*	
23 31 13 13-0517	LF	4" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	26.35	11.30
		For 3" WG (Class B), Add	*2.82*	
		For 4" Or 6" WG (Class A), Add	*6.03*	
		For 10" WG (Class A), Add	*8.66*	
		For Work In Restricted Working Space, Add	*5.65*	
23 31 13 13-0518	LF	4" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	30.12	12.91
		For 3" WG (Class B), Add	*3.23*	
		For 4" Or 6" WG (Class A), Add	*6.88*	
		For 10" WG (Class A), Add	*9.89*	
		For Work In Restricted Working Space, Add	*6.45*	
23 31 13 13-0519	LF	4" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	33.89	14.52
		For 3" WG (Class B), Add	*3.63*	
		For 4" Or 6" WG (Class A), Add	*7.74*	
		For 10" WG (Class A), Add	*11.13*	
		For Work In Restricted Working Space, Add	*7.26*	
23 31 13 13-0520	LF	4" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	37.65	16.13
		For 3" WG (Class B), Add	*4.03*	
		For 4" Or 6" WG (Class A), Add	*8.60*	
		For 10" WG (Class A), Add	*12.37*	
		For Work In Restricted Working Space, Add	*8.07*	
23 31 13 13-0521	LF	6" x 6", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	22.59	9.67
		For 3" WG (Class B), Add	*2.42*	
		For 4" Or 6" WG (Class A), Add	*5.16*	
		For 10" WG (Class A), Add	*7.42*	
		For Work In Restricted Working Space, Add	*4.84*	
23 31 13 13-0522	LF	6" x 8", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	26.35	11.30
		For 3" WG (Class B), Add	*2.82*	
		For 4" Or 6" WG (Class A), Add	*6.03*	
		For 10" WG (Class A), Add	*8.66*	
		For Work In Restricted Working Space, Add	*5.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0523	LF	6" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	30.12	12.91
		For 3" WG (Class B), Add	*3.23*	
		For 4" Or 6" WG (Class A), Add	*6.88*	
		For 10" WG (Class A), Add	*9.89*	
		For Work In Restricted Working Space, Add	*6.45*	
23 31 13 13-0524	LF	6" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	33.89	14.52
		For 3" WG (Class B), Add	*3.63*	
		For 4" Or 6" WG (Class A), Add	*7.74*	
		For 10" WG (Class A), Add	*11.13*	
		For Work In Restricted Working Space, Add	*7.26*	
23 31 13 13-0525	LF	6" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	37.65	16.13
		For 3" WG (Class B), Add	*4.03*	
		For 4" Or 6" WG (Class A), Add	*8.60*	
		For 10" WG (Class A), Add	*12.37*	
		For Work In Restricted Working Space, Add	*8.07*	
23 31 13 13-0526	LF	6" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	41.42	17.75
		For 3" WG (Class B), Add	*4.44*	
		For 4" Or 6" WG (Class A), Add	*9.47*	
		For 10" WG (Class A), Add	*13.61*	
		For Work In Restricted Working Space, Add	*8.87*	
23 31 13 13-0527	LF	8" x 8", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	30.12	12.91
		For 3" WG (Class B), Add	*3.23*	
		For 4" Or 6" WG (Class A), Add	*6.88*	
		For 10" WG (Class A), Add	*9.89*	
		For Work In Restricted Working Space, Add	*6.45*	
23 31 13 13-0528	LF	8" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	33.89	14.52
		For 3" WG (Class B), Add	*3.63*	
		For 4" Or 6" WG (Class A), Add	*7.74*	
		For 10" WG (Class A), Add	*11.13*	
		For Work In Restricted Working Space, Add	*7.26*	
23 31 13 13-0529	LF	8" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	37.65	16.13
		For 3" WG (Class B), Add	*4.03*	
		For 4" Or 6" WG (Class A), Add	*8.60*	
		For 10" WG (Class A), Add	*12.37*	
		For Work In Restricted Working Space, Add	*8.07*	
23 31 13 13-0530	LF	8" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	41.42	17.75
		For 3" WG (Class B), Add	*4.44*	
		For 4" Or 6" WG (Class A), Add	*9.47*	
		For 10" WG (Class A), Add	*13.61*	
		For Work In Restricted Working Space, Add	*8.87*	
23 31 13 13-0531	LF	8" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	45.17	19.36
		For 3" WG (Class B), Add	*4.84*	
		For 4" Or 6" WG (Class A), Add	*10.33*	
		For 10" WG (Class A), Add	*14.84*	
		For Work In Restricted Working Space, Add	*9.68*	
23 31 13 13-0532	LF	8" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	48.94	20.97
		For 3" WG (Class B), Add	*5.24*	
		For 4" Or 6" WG (Class A), Add	*11.18*	
		For 10" WG (Class A), Add	*16.08*	
		For Work In Restricted Working Space, Add	*10.49*	
23 31 13 13-0533	LF	8" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	52.71	22.58
		For 3" WG (Class B), Add	*5.65*	
		For 4" Or 6" WG (Class A), Add	*12.04*	
		For 10" WG (Class A), Add	*17.31*	
		For Work In Restricted Working Space, Add	*11.29*	
23 31 13 13-0534	LF	8" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	56.46	24.20
		For 3" WG (Class B), Add	*6.05*	
		For 4" Or 6" WG (Class A), Add	*12.91*	
		For 10" WG (Class A), Add	*18.55*	
		For Work In Restricted Working Space, Add	*12.10*	
23 31 13 13-0535	LF	8" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	60.24	25.81
		For 3" WG (Class B), Add	*6.45*	
		For 4" Or 6" WG (Class A), Add	*13.77*	
		For 10" WG (Class A), Add	*19.79*	
		For Work In Restricted Working Space, Add	*12.91*	
23 31 13 13-0536	LF	10" x 10", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	37.65	16.13
		For 3" WG (Class B), Add	*4.03*	
		For 4" Or 6" WG (Class A), Add	*8.60*	
		For 10" WG (Class A), Add	*12.37*	
		For Work In Restricted Working Space, Add	*8.07*	
23 31 13 13-0537	LF	10" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	41.42	17.75
		For 3" WG (Class B), Add	*4.44*	
		For 4" Or 6" WG (Class A), Add	*9.47*	
		For 10" WG (Class A), Add	*13.61*	
		For Work In Restricted Working Space, Add	*8.87*	
23 31 13 13-0538	LF	10" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	45.17	19.36
		For 3" WG (Class B), Add	*4.84*	
		For 4" Or 6" WG (Class A), Add	*10.33*	
		For 10" WG (Class A), Add	*14.84*	
		For Work In Restricted Working Space, Add	*9.68*	
23 31 13 13-0539	LF	10" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	48.94	20.97
		For 3" WG (Class B), Add	*5.24*	
		For 4" Or 6" WG (Class A), Add	*11.18*	
		For 10" WG (Class A), Add	*16.08*	
		For Work In Restricted Working Space, Add	*10.49*	
23 31 13 13-0540	LF	10" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	52.71	22.58
		For 3" WG (Class B), Add	*5.65*	
		For 4" Or 6" WG (Class A), Add	*12.04*	
		For 10" WG (Class A), Add	*17.31*	
		For Work In Restricted Working Space, Add	*11.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0541	LF	10" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	56.46	24.20
		For 3" WG (Class B), Add	*6.05*	
		For 4" Or 6" WG (Class A), Add	*12.91*	
		For 10" WG (Class A), Add	*18.55*	
		For Work In Restricted Working Space, Add	*12.10*	
23 31 13 13-0542	LF	10" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	60.24	25.81
		For 3" WG (Class B), Add	*6.45*	
		For 4" Or 6" WG (Class A), Add	*13.77*	
		For 10" WG (Class A), Add	*19.79*	
		For Work In Restricted Working Space, Add	*12.91*	
23 31 13 13-0543	LF	10" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	64.01	27.42
		For 3" WG (Class B), Add	*6.86*	
		For 4" Or 6" WG (Class A), Add	*14.63*	
		For 10" WG (Class A), Add	*21.03*	
		For Work In Restricted Working Space, Add	*13.71*	
23 31 13 13-0544	LF	10" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	67.75	29.03
		For 3" WG (Class B), Add	*7.26*	
		For 4" Or 6" WG (Class A), Add	*15.48*	
		For 10" WG (Class A), Add	*22.26*	
		For Work In Restricted Working Space, Add	*14.52*	
23 31 13 13-0545	LF	10" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	71.53	30.66
		For 3" WG (Class B), Add	*7.66*	
		For 4" Or 6" WG (Class A), Add	*16.35*	
		For 10" WG (Class A), Add	*23.50*	
		For Work In Restricted Working Space, Add	*15.32*	
23 31 13 13-0546	LF	10" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	75.29	32.27
		For 3" WG (Class B), Add	*8.07*	
		For 4" Or 6" WG (Class A), Add	*17.21*	
		For 10" WG (Class A), Add	*24.74*	
		For Work In Restricted Working Space, Add	*16.13*	
23 31 13 13-0547	LF	10" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	79.06	33.88
		For 3" WG (Class B), Add	*8.47*	
		For 4" Or 6" WG (Class A), Add	*18.07*	
		For 10" WG (Class A), Add	*25.98*	
		For Work In Restricted Working Space, Add	*16.94*	
23 31 13 13-0548	LF	12" x 12", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	45.17	19.36
		For 3" WG (Class B), Add	*4.84*	
		For 4" Or 6" WG (Class A), Add	*10.33*	
		For 10" WG (Class A), Add	*14.84*	
		For Work In Restricted Working Space, Add	*9.68*	
23 31 13 13-0549	LF	12" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	48.94	20.97
		For 3" WG (Class B), Add	*5.24*	
		For 4" Or 6" WG (Class A), Add	*11.18*	
		For 10" WG (Class A), Add	*16.08*	
		For Work In Restricted Working Space, Add	*10.49*	
23 31 13 13-0550	LF	12" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	52.71	22.58
		For 3" WG (Class B), Add	*5.65*	
		For 4" Or 6" WG (Class A), Add	*12.04*	
		For 10" WG (Class A), Add	*17.31*	
		For Work In Restricted Working Space, Add	*11.29*	
23 31 13 13-0551	LF	12" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	56.46	24.20
		For 3" WG (Class B), Add	*6.05*	
		For 4" Or 6" WG (Class A), Add	*12.91*	
		For 10" WG (Class A), Add	*18.55*	
		For Work In Restricted Working Space, Add	*12.10*	
23 31 13 13-0552	LF	12" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	60.24	25.81
		For 3" WG (Class B), Add	*6.45*	
		For 4" Or 6" WG (Class A), Add	*13.77*	
		For 10" WG (Class A), Add	*19.79*	
		For Work In Restricted Working Space, Add	*12.91*	
23 31 13 13-0553	LF	12" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	64.01	27.42
		For 3" WG (Class B), Add	*6.86*	
		For 4" Or 6" WG (Class A), Add	*14.63*	
		For 10" WG (Class A), Add	*21.03*	
		For Work In Restricted Working Space, Add	*13.71*	
23 31 13 13-0554	LF	12" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	67.75	29.03
		For 3" WG (Class B), Add	*7.26*	
		For 4" Or 6" WG (Class A), Add	*15.48*	
		For 10" WG (Class A), Add	*22.26*	
		For Work In Restricted Working Space, Add	*14.52*	
23 31 13 13-0555	LF	12" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	71.53	30.66
		For 3" WG (Class B), Add	*7.66*	
		For 4" Or 6" WG (Class A), Add	*16.35*	
		For 10" WG (Class A), Add	*23.50*	
		For Work In Restricted Working Space, Add	*15.32*	
23 31 13 13-0556	LF	12" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	75.29	32.27
		For 3" WG (Class B), Add	*8.07*	
		For 4" Or 6" WG (Class A), Add	*17.21*	
		For 10" WG (Class A), Add	*24.74*	
		For Work In Restricted Working Space, Add	*16.13*	
23 31 13 13-0557	LF	12" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	79.06	33.88
		For 3" WG (Class B), Add	*8.47*	
		For 4" Or 6" WG (Class A), Add	*18.07*	
		For 10" WG (Class A), Add	*25.98*	
		For Work In Restricted Working Space, Add	*16.94*	
23 31 13 13-0558	LF	12" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	82.84	35.49
		For 3" WG (Class B), Add	*8.87*	
		For 4" Or 6" WG (Class A), Add	*18.93*	
		For 10" WG (Class A), Add	*27.21*	
		For Work In Restricted Working Space, Add	*17.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0559	LF	12" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	86.58	37.11
		For 3" WG (Class B), Add	*9.28*	
		For 4" Or 6" WG (Class A), Add	*19.79*	
		For 10" WG (Class A), Add	*28.45*	
		For Work In Restricted Working Space, Add	*18.55*	
23 31 13 13-0560	LF	12" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	90.36	38.72
		For 3" WG (Class B), Add	*9.68*	
		For 4" Or 6" WG (Class A), Add	*20.65*	
		For 10" WG (Class A), Add	*29.68*	
		For Work In Restricted Working Space, Add	*19.36*	
23 31 13 13-0561	LF	14" x 14", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	52.71	22.58
		For 3" WG (Class B), Add	*5.65*	
		For 4" Or 6" WG (Class A), Add	*12.04*	
		For 10" WG (Class A), Add	*17.31*	
		For Work In Restricted Working Space, Add	*11.29*	
23 31 13 13-0562	LF	14" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	56.46	24.20
		For 3" WG (Class B), Add	*6.05*	
		For 4" Or 6" WG (Class A), Add	*12.91*	
		For 10" WG (Class A), Add	*18.55*	
		For Work In Restricted Working Space, Add	*12.10*	
23 31 13 13-0563	LF	14" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	60.24	25.81
		For 3" WG (Class B), Add	*6.45*	
		For 4" Or 6" WG (Class A), Add	*13.77*	
		For 10" WG (Class A), Add	*19.79*	
		For Work In Restricted Working Space, Add	*12.91*	
23 31 13 13-0564	LF	14" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	64.01	27.42
		For 3" WG (Class B), Add	*6.86*	
		For 4" Or 6" WG (Class A), Add	*14.63*	
		For 10" WG (Class A), Add	*21.03*	
		For Work In Restricted Working Space, Add	*13.71*	
23 31 13 13-0565	LF	14" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	67.75	29.03
		For 3" WG (Class B), Add	*7.26*	
		For 4" Or 6" WG (Class A), Add	*15.48*	
		For 10" WG (Class A), Add	*22.26*	
		For Work In Restricted Working Space, Add	*14.52*	
23 31 13 13-0566	LF	14" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	71.53	30.66
		For 3" WG (Class B), Add	*7.66*	
		For 4" Or 6" WG (Class A), Add	*16.35*	
		For 10" WG (Class A), Add	*23.50*	
		For Work In Restricted Working Space, Add	*15.32*	
23 31 13 13-0567	LF	14" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	75.29	32.27
		For 3" WG (Class B), Add	*8.07*	
		For 4" Or 6" WG (Class A), Add	*17.21*	
		For 10" WG (Class A), Add	*24.74*	
		For Work In Restricted Working Space, Add	*16.13*	
23 31 13 13-0568	LF	14" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	79.06	33.88
		For 3" WG (Class B), Add	*8.47*	
		For 4" Or 6" WG (Class A), Add	*18.07*	
		For 10" WG (Class A), Add	*25.98*	
		For Work In Restricted Working Space, Add	*16.94*	
23 31 13 13-0569	LF	14" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	82.84	35.49
		For 3" WG (Class B), Add	*8.87*	
		For 4" Or 6" WG (Class A), Add	*18.93*	
		For 10" WG (Class A), Add	*27.21*	
		For Work In Restricted Working Space, Add	*17.75*	
23 31 13 13-0570	LF	14" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	86.58	37.11
		For 3" WG (Class B), Add	*9.28*	
		For 4" Or 6" WG (Class A), Add	*19.79*	
		For 10" WG (Class A), Add	*28.45*	
		For Work In Restricted Working Space, Add	*18.55*	
23 31 13 13-0571	LF	14" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	90.36	38.72
		For 3" WG (Class B), Add	*9.68*	
		For 4" Or 6" WG (Class A), Add	*20.65*	
		For 10" WG (Class A), Add	*29.68*	
		For Work In Restricted Working Space, Add	*19.36*	
23 31 13 13-0572	LF	14" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	94.11	40.33
		For 3" WG (Class B), Add	*10.08*	
		For 4" Or 6" WG (Class A), Add	*21.51*	
		For 10" WG (Class A), Add	*30.92*	
		For Work In Restricted Working Space, Add	*20.17*	
23 31 13 13-0573	LF	16" x 16", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	60.24	25.81
		For 3" WG (Class B), Add	*6.45*	
		For 4" Or 6" WG (Class A), Add	*13.77*	
		For 10" WG (Class A), Add	*19.79*	
		For Work In Restricted Working Space, Add	*12.91*	
23 31 13 13-0574	LF	16" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	64.01	27.42
		For 3" WG (Class B), Add	*6.86*	
		For 4" Or 6" WG (Class A), Add	*14.63*	
		For 10" WG (Class A), Add	*21.03*	
		For Work In Restricted Working Space, Add	*13.71*	
23 31 13 13-0575	LF	16" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	67.75	29.03
		For 3" WG (Class B), Add	*7.26*	
		For 4" Or 6" WG (Class A), Add	*15.48*	
		For 10" WG (Class A), Add	*22.26*	
		For Work In Restricted Working Space, Add	*14.52*	
23 31 13 13-0576	LF	16" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	71.53	30.66
		For 3" WG (Class B), Add	*7.66*	
		For 4" Or 6" WG (Class A), Add	*16.35*	
		For 10" WG (Class A), Add	*23.50*	
		For Work In Restricted Working Space, Add	*15.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0577	LF	16" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	75.29	32.27
		For 3" WG (Class B), Add	*8.07*	
		For 4" Or 6" WG (Class A), Add	*17.21*	
		For 10" WG (Class A), Add	*24.74*	
		For Work In Restricted Working Space, Add	*16.13*	
23 31 13 13-0578	LF	16" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	79.06	33.88
		For 3" WG (Class B), Add	*8.47*	
		For 4" Or 6" WG (Class A), Add	*18.07*	
		For 10" WG (Class A), Add	*25.98*	
		For Work In Restricted Working Space, Add	*16.94*	
23 31 13 13-0579	LF	16" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	82.84	35.49
		For 3" WG (Class B), Add	*8.87*	
		For 4" Or 6" WG (Class A), Add	*18.93*	
		For 10" WG (Class A), Add	*27.21*	
		For Work In Restricted Working Space, Add	*17.75*	
23 31 13 13-0580	LF	16" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	86.58	37.11
		For 3" WG (Class B), Add	*9.28*	
		For 4" Or 6" WG (Class A), Add	*19.79*	
		For 10" WG (Class A), Add	*28.45*	
		For Work In Restricted Working Space, Add	*18.55*	
23 31 13 13-0581	LF	16" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	90.36	38.72
		For 3" WG (Class B), Add	*9.68*	
		For 4" Or 6" WG (Class A), Add	*20.65*	
		For 10" WG (Class A), Add	*29.68*	
		For Work In Restricted Working Space, Add	*19.36*	
23 31 13 13-0582	LF	16" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	94.11	40.33
		For 3" WG (Class B), Add	*10.08*	
		For 4" Or 6" WG (Class A), Add	*21.51*	
		For 10" WG (Class A), Add	*30.92*	
		For Work In Restricted Working Space, Add	*20.17*	
23 31 13 13-0583	LF	16" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	97.88	41.94
		For 3" WG (Class B), Add	*10.49*	
		For 4" Or 6" WG (Class A), Add	*22.37*	
		For 10" WG (Class A), Add	*32.16*	
		For Work In Restricted Working Space, Add	*20.97*	
23 31 13 13-0584	LF	16" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	101.66	43.56
		For 3" WG (Class B), Add	*10.89*	
		For 4" Or 6" WG (Class A), Add	*23.23*	
		For 10" WG (Class A), Add	*33.40*	
		For Work In Restricted Working Space, Add	*21.78*	
23 31 13 13-0585	LF	16" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	105.40	45.17
		For 3" WG (Class B), Add	*11.29*	
		For 4" Or 6" WG (Class A), Add	*24.09*	
		For 10" WG (Class A), Add	*34.63*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0586	LF	16" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.17	46.78
		For 3" WG (Class B), Add	*11.70*	
		For 4" Or 6" WG (Class A), Add	*24.95*	
		For 10" WG (Class A), Add	*35.87*	
		For Work In Restricted Working Space, Add	*23.39*	
23 31 13 13-0587	LF	16" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	112.95	48.39
		For 3" WG (Class B), Add	*12.10*	
		For 4" Or 6" WG (Class A), Add	*25.81*	
		For 10" WG (Class A), Add	*37.10*	
		For Work In Restricted Working Space, Add	*24.20*	
23 31 13 13-0588	LF	18" x 18", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	67.75	29.03
		For 3" WG (Class B), Add	*7.26*	
		For 4" Or 6" WG (Class A), Add	*15.48*	
		For 10" WG (Class A), Add	*22.26*	
		For Work In Restricted Working Space, Add	*14.52*	
23 31 13 13-0589	LF	18" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	71.53	30.66
		For 3" WG (Class B), Add	*7.66*	
		For 4" Or 6" WG (Class A), Add	*16.35*	
		For 10" WG (Class A), Add	*23.50*	
		For Work In Restricted Working Space, Add	*15.32*	
23 31 13 13-0590	LF	18" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	75.29	32.27
		For 3" WG (Class B), Add	*8.07*	
		For 4" Or 6" WG (Class A), Add	*17.21*	
		For 10" WG (Class A), Add	*24.74*	
		For Work In Restricted Working Space, Add	*16.13*	
23 31 13 13-0591	LF	18" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	79.06	33.88
		For 3" WG (Class B), Add	*8.47*	
		For 4" Or 6" WG (Class A), Add	*18.07*	
		For 10" WG (Class A), Add	*25.98*	
		For Work In Restricted Working Space, Add	*16.94*	
23 31 13 13-0592	LF	18" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	82.84	35.49
		For 3" WG (Class B), Add	*8.87*	
		For 4" Or 6" WG (Class A), Add	*18.93*	
		For 10" WG (Class A), Add	*27.21*	
		For Work In Restricted Working Space, Add	*17.75*	
23 31 13 13-0593	LF	18" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	86.58	37.11
		For 3" WG (Class B), Add	*9.28*	
		For 4" Or 6" WG (Class A), Add	*19.79*	
		For 10" WG (Class A), Add	*28.45*	
		For Work In Restricted Working Space, Add	*18.55*	
23 31 13 13-0594	LF	18" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	90.36	38.72
		For 3" WG (Class B), Add	*9.68*	
		For 4" Or 6" WG (Class A), Add	*20.65*	
		For 10" WG (Class A), Add	*29.68*	
		For Work In Restricted Working Space, Add	*19.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0595	LF	18" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	94.11	40.33
		For 3" WG (Class B), Add	*10.08*	
		For 4" Or 6" WG (Class A), Add	*21.51*	
		For 10" WG (Class A), Add	*30.92*	
		For Work In Restricted Working Space, Add	*20.17*	
23 31 13 13-0596	LF	18" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	97.88	41.94
		For 3" WG (Class B), Add	*10.49*	
		For 4" Or 6" WG (Class A), Add	*22.37*	
		For 10" WG (Class A), Add	*32.16*	
		For Work In Restricted Working Space, Add	*20.97*	
23 31 13 13-0597	LF	18" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	101.66	43.56
		For 3" WG (Class B), Add	*10.89*	
		For 4" Or 6" WG (Class A), Add	*23.23*	
		For 10" WG (Class A), Add	*33.40*	
		For Work In Restricted Working Space, Add	*21.78*	
23 31 13 13-0598	LF	18" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	105.40	45.17
		For 3" WG (Class B), Add	*11.29*	
		For 4" Or 6" WG (Class A), Add	*24.09*	
		For 10" WG (Class A), Add	*34.63*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0599	LF	18" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.17	46.78
		For 3" WG (Class B), Add	*11.70*	
		For 4" Or 6" WG (Class A), Add	*24.95*	
		For 10" WG (Class A), Add	*35.87*	
		For Work In Restricted Working Space, Add	*23.39*	
23 31 13 13-0600	LF	18" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	112.95	48.39
		For 3" WG (Class B), Add	*12.10*	
		For 4" Or 6" WG (Class A), Add	*25.81*	
		For 10" WG (Class A), Add	*37.10*	
		For Work In Restricted Working Space, Add	*24.20*	
23 31 13 13-0601	LF	18" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.70	50.02
		For 3" WG (Class B), Add	*12.50*	
		For 4" Or 6" WG (Class A), Add	*26.67*	
		For 10" WG (Class A), Add	*38.34*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0602	LF	18" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	120.47	51.63
		For 3" WG (Class B), Add	*12.91*	
		For 4" Or 6" WG (Class A), Add	*27.53*	
		For 10" WG (Class A), Add	*39.58*	
		For Work In Restricted Working Space, Add	*25.81*	
23 31 13 13-0603	LF	20" x 20", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	75.29	32.27
		For 3" WG (Class B), Add	*8.07*	
		For 4" Or 6" WG (Class A), Add	*17.21*	
		For 10" WG (Class A), Add	*24.74*	
		For Work In Restricted Working Space, Add	*16.13*	
23 31 13 13-0604	LF	20" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	79.06	33.88
		For 3" WG (Class B), Add	*8.47*	
		For 4" Or 6" WG (Class A), Add	*18.07*	
		For 10" WG (Class A), Add	*25.98*	
		For Work In Restricted Working Space, Add	*16.94*	
23 31 13 13-0605	LF	20" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	82.84	35.49
		For 3" WG (Class B), Add	*8.87*	
		For 4" Or 6" WG (Class A), Add	*18.93*	
		For 10" WG (Class A), Add	*27.21*	
		For Work In Restricted Working Space, Add	*17.75*	
23 31 13 13-0606	LF	20" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	86.58	37.11
		For 3" WG (Class B), Add	*9.28*	
		For 4" Or 6" WG (Class A), Add	*19.79*	
		For 10" WG (Class A), Add	*28.45*	
		For Work In Restricted Working Space, Add	*18.55*	
23 31 13 13-0607	LF	20" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	90.36	38.72
		For 3" WG (Class B), Add	*9.68*	
		For 4" Or 6" WG (Class A), Add	*20.65*	
		For 10" WG (Class A), Add	*29.68*	
		For Work In Restricted Working Space, Add	*19.36*	
23 31 13 13-0608	LF	20" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	94.11	40.33
		For 3" WG (Class B), Add	*10.08*	
		For 4" Or 6" WG (Class A), Add	*21.51*	
		For 10" WG (Class A), Add	*30.92*	
		For Work In Restricted Working Space, Add	*20.17*	
23 31 13 13-0609	LF	20" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	97.88	41.94
		For 3" WG (Class B), Add	*10.49*	
		For 4" Or 6" WG (Class A), Add	*22.37*	
		For 10" WG (Class A), Add	*32.16*	
		For Work In Restricted Working Space, Add	*20.97*	
23 31 13 13-0610	LF	20" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	101.66	43.56
		For 3" WG (Class B), Add	*10.89*	
		For 4" Or 6" WG (Class A), Add	*23.23*	
		For 10" WG (Class A), Add	*33.40*	
		For Work In Restricted Working Space, Add	*21.78*	
23 31 13 13-0611	LF	20" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	105.40	45.17
		For 3" WG (Class B), Add	*11.29*	
		For 4" Or 6" WG (Class A), Add	*24.09*	
		For 10" WG (Class A), Add	*34.63*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0612	LF	20" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.17	46.78
		For 3" WG (Class B), Add	*11.70*	
		For 4" Or 6" WG (Class A), Add	*24.95*	
		For 10" WG (Class A), Add	*35.87*	
		For Work In Restricted Working Space, Add	*23.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0613	LF	20" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	112.95	48.39
		For 3" WG (Class B), Add	*12.10*	
		For 4" Or 6" WG (Class A), Add	*25.81*	
		For 10" WG (Class A), Add	*37.10*	
		For Work In Restricted Working Space, Add	*24.20*	
23 31 13 13-0614	LF	20" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.70	50.02
		For 3" WG (Class B), Add	*12.50*	
		For 4" Or 6" WG (Class A), Add	*26.67*	
		For 10" WG (Class A), Add	*38.34*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0615	LF	20" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	120.47	51.63
		For 3" WG (Class B), Add	*12.91*	
		For 4" Or 6" WG (Class A), Add	*27.53*	
		For 10" WG (Class A), Add	*39.58*	
		For Work In Restricted Working Space, Add	*25.81*	
23 31 13 13-0616	LF	20" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	124.23	53.24
		For 3" WG (Class B), Add	*13.31*	
		For 4" Or 6" WG (Class A), Add	*28.39*	
		For 10" WG (Class A), Add	*40.82*	
		For Work In Restricted Working Space, Add	*26.62*	
23 31 13 13-0617	LF	20" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	128.00	54.85
		For 3" WG (Class B), Add	*13.71*	
		For 4" Or 6" WG (Class A), Add	*29.25*	
		For 10" WG (Class A), Add	*42.05*	
		For Work In Restricted Working Space, Add	*27.43*	
23 31 13 13-0618	LF	22" x 22", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	82.84	35.49
		For 3" WG (Class B), Add	*8.87*	
		For 4" Or 6" WG (Class A), Add	*18.93*	
		For 10" WG (Class A), Add	*27.21*	
		For Work In Restricted Working Space, Add	*17.75*	
23 31 13 13-0619	LF	22" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	86.58	37.11
		For 3" WG (Class B), Add	*9.28*	
		For 4" Or 6" WG (Class A), Add	*19.79*	
		For 10" WG (Class A), Add	*28.45*	
		For Work In Restricted Working Space, Add	*18.55*	
23 31 13 13-0620	LF	22" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	90.36	38.72
		For 3" WG (Class B), Add	*9.68*	
		For 4" Or 6" WG (Class A), Add	*20.65*	
		For 10" WG (Class A), Add	*29.68*	
		For Work In Restricted Working Space, Add	*19.36*	
23 31 13 13-0621	LF	22" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	94.11	40.33
		For 3" WG (Class B), Add	*10.08*	
		For 4" Or 6" WG (Class A), Add	*21.51*	
		For 10" WG (Class A), Add	*30.92*	
		For Work In Restricted Working Space, Add	*20.17*	
23 31 13 13-0622	LF	22" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	97.88	41.94
		For 3" WG (Class B), Add	*10.49*	
		For 4" Or 6" WG (Class A), Add	*22.37*	
		For 10" WG (Class A), Add	*32.16*	
		For Work In Restricted Working Space, Add	*20.97*	
23 31 13 13-0623	LF	22" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	101.66	43.56
		For 3" WG (Class B), Add	*10.89*	
		For 4" Or 6" WG (Class A), Add	*23.23*	
		For 10" WG (Class A), Add	*33.40*	
		For Work In Restricted Working Space, Add	*21.78*	
23 31 13 13-0624	LF	22" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	105.40	45.17
		For 3" WG (Class B), Add	*11.29*	
		For 4" Or 6" WG (Class A), Add	*24.09*	
		For 10" WG (Class A), Add	*34.63*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0625	LF	22" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.17	46.78
		For 3" WG (Class B), Add	*11.70*	
		For 4" Or 6" WG (Class A), Add	*24.95*	
		For 10" WG (Class A), Add	*35.87*	
		For Work In Restricted Working Space, Add	*23.39*	
23 31 13 13-0626	LF	22" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	112.95	48.39
		For 3" WG (Class B), Add	*12.10*	
		For 4" Or 6" WG (Class A), Add	*25.81*	
		For 10" WG (Class A), Add	*37.10*	
		For Work In Restricted Working Space, Add	*24.20*	
23 31 13 13-0627	LF	22" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.70	50.02
		For 3" WG (Class B), Add	*12.50*	
		For 4" Or 6" WG (Class A), Add	*26.67*	
		For 10" WG (Class A), Add	*38.34*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0628	LF	22" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	120.47	51.63
		For 3" WG (Class B), Add	*12.91*	
		For 4" Or 6" WG (Class A), Add	*27.53*	
		For 10" WG (Class A), Add	*39.58*	
		For Work In Restricted Working Space, Add	*25.81*	
23 31 13 13-0629	LF	22" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	124.23	53.24
		For 3" WG (Class B), Add	*13.31*	
		For 4" Or 6" WG (Class A), Add	*28.39*	
		For 10" WG (Class A), Add	*40.82*	
		For Work In Restricted Working Space, Add	*26.62*	
23 31 13 13-0630	LF	22" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	128.00	54.85
		For 3" WG (Class B), Add	*13.71*	
		For 4" Or 6" WG (Class A), Add	*29.25*	
		For 10" WG (Class A), Add	*42.05*	
		For Work In Restricted Working Space, Add	*27.43*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0631	LF	22" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	131.78	56.47
		For 3" WG (Class B), Add	*14.12*	
		For 4" Or 6" WG (Class A), Add	*30.12*	
		For 10" WG (Class A), Add	*43.29*	
		For Work In Restricted Working Space, Add	*28.23*	
23 31 13 13-0632	LF	24" x 24", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	90.36	38.72
		For 3" WG (Class B), Add	*9.68*	
		For 4" Or 6" WG (Class A), Add	*20.65*	
		For 10" WG (Class A), Add	*29.68*	
		For Work In Restricted Working Space, Add	*19.36*	
23 31 13 13-0633	LF	24" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	94.11	40.33
		For 3" WG (Class B), Add	*10.08*	
		For 4" Or 6" WG (Class A), Add	*21.51*	
		For 10" WG (Class A), Add	*30.92*	
		For Work In Restricted Working Space, Add	*20.17*	
23 31 13 13-0634	LF	24" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	97.88	41.94
		For 3" WG (Class B), Add	*10.49*	
		For 4" Or 6" WG (Class A), Add	*22.37*	
		For 10" WG (Class A), Add	*32.16*	
		For Work In Restricted Working Space, Add	*20.97*	
23 31 13 13-0635	LF	24" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	101.66	43.56
		For 3" WG (Class B), Add	*10.89*	
		For 4" Or 6" WG (Class A), Add	*23.23*	
		For 10" WG (Class A), Add	*33.40*	
		For Work In Restricted Working Space, Add	*21.78*	
23 31 13 13-0636	LF	24" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	105.40	45.17
		For 3" WG (Class B), Add	*11.29*	
		For 4" Or 6" WG (Class A), Add	*24.09*	
		For 10" WG (Class A), Add	*34.63*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0637	LF	24" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.17	46.78
		For 3" WG (Class B), Add	*11.70*	
		For 4" Or 6" WG (Class A), Add	*24.95*	
		For 10" WG (Class A), Add	*35.87*	
		For Work In Restricted Working Space, Add	*23.39*	
23 31 13 13-0638	LF	24" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	112.95	48.39
		For 3" WG (Class B), Add	*12.10*	
		For 4" Or 6" WG (Class A), Add	*25.81*	
		For 10" WG (Class A), Add	*37.10*	
		For Work In Restricted Working Space, Add	*24.20*	
23 31 13 13-0639	LF	24" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.70	50.02
		For 3" WG (Class B), Add	*12.50*	
		For 4" Or 6" WG (Class A), Add	*26.67*	
		For 10" WG (Class A), Add	*38.34*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0640	LF	24" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	120.47	51.63
		For 3" WG (Class B), Add	*12.91*	
		For 4" Or 6" WG (Class A), Add	*27.53*	
		For 10" WG (Class A), Add	*39.58*	
		For Work In Restricted Working Space, Add	*25.81*	
23 31 13 13-0641	LF	24" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	124.23	53.24
		For 3" WG (Class B), Add	*13.31*	
		For 4" Or 6" WG (Class A), Add	*28.39*	
		For 10" WG (Class A), Add	*40.82*	
		For Work In Restricted Working Space, Add	*26.62*	
23 31 13 13-0642	LF	24" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	128.00	54.85
		For 3" WG (Class B), Add	*13.71*	
		For 4" Or 6" WG (Class A), Add	*29.25*	
		For 10" WG (Class A), Add	*42.05*	
		For Work In Restricted Working Space, Add	*27.43*	
23 31 13 13-0643	LF	24" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	131.78	56.47
		For 3" WG (Class B), Add	*14.12*	
		For 4" Or 6" WG (Class A), Add	*30.12*	
		For 10" WG (Class A), Add	*43.29*	
		For Work In Restricted Working Space, Add	*28.23*	
23 31 13 13-0644	LF	24" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	135.53	58.08
		For 3" WG (Class B), Add	*14.52*	
		For 4" Or 6" WG (Class A), Add	*30.98*	
		For 10" WG (Class A), Add	*44.53*	
		For Work In Restricted Working Space, Add	*29.04*	
23 31 13 13-0645	LF	26" x 26", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	97.88	41.94
		For 3" WG (Class B), Add	*10.49*	
		For 4" Or 6" WG (Class A), Add	*22.37*	
		For 10" WG (Class A), Add	*32.16*	
		For Work In Restricted Working Space, Add	*20.97*	
23 31 13 13-0646	LF	26" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	101.66	43.56
		For 3" WG (Class B), Add	*10.89*	
		For 4" Or 6" WG (Class A), Add	*23.23*	
		For 10" WG (Class A), Add	*33.40*	
		For Work In Restricted Working Space, Add	*21.78*	
23 31 13 13-0647	LF	26" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	105.40	45.17
		For 3" WG (Class B), Add	*11.29*	
		For 4" Or 6" WG (Class A), Add	*24.09*	
		For 10" WG (Class A), Add	*34.63*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0648	LF	26" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.17	46.78
		For 3" WG (Class B), Add	*11.70*	
		For 4" Or 6" WG (Class A), Add	*24.95*	
		For 10" WG (Class A), Add	*35.87*	
		For Work In Restricted Working Space, Add	*23.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0649	LF	26" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	112.95	48.39
		For 3" WG (Class B), Add	*12.10*	
		For 4" Or 6" WG (Class A), Add	*25.81*	
		For 10" WG (Class A), Add	*37.10*	
		For Work In Restricted Working Space, Add	*24.20*	
23 31 13 13-0650	LF	26" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.70	50.02
		For 3" WG (Class B), Add	*12.50*	
		For 4" Or 6" WG (Class A), Add	*26.67*	
		For 10" WG (Class A), Add	*38.34*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0651	LF	26" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	120.47	51.63
		For 3" WG (Class B), Add	*12.91*	
		For 4" Or 6" WG (Class A), Add	*27.53*	
		For 10" WG (Class A), Add	*39.58*	
		For Work In Restricted Working Space, Add	*25.81*	
23 31 13 13-0652	LF	26" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	124.23	53.24
		For 3" WG (Class B), Add	*13.31*	
		For 4" Or 6" WG (Class A), Add	*28.39*	
		For 10" WG (Class A), Add	*40.82*	
		For Work In Restricted Working Space, Add	*26.62*	
23 31 13 13-0653	LF	26" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	128.00	54.85
		For 3" WG (Class B), Add	*13.71*	
		For 4" Or 6" WG (Class A), Add	*29.25*	
		For 10" WG (Class A), Add	*42.05*	
		For Work In Restricted Working Space, Add	*27.43*	
23 31 13 13-0654	LF	26" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	131.78	56.47
		For 3" WG (Class B), Add	*14.12*	
		For 4" Or 6" WG (Class A), Add	*30.12*	
		For 10" WG (Class A), Add	*43.29*	
		For Work In Restricted Working Space, Add	*28.23*	
23 31 13 13-0655	LF	26" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	135.53	58.08
		For 3" WG (Class B), Add	*14.52*	
		For 4" Or 6" WG (Class A), Add	*30.98*	
		For 10" WG (Class A), Add	*44.53*	
		For Work In Restricted Working Space, Add	*29.04*	
23 31 13 13-0656	LF	26" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	139.30	59.69
		For 3" WG (Class B), Add	*14.92*	
		For 4" Or 6" WG (Class A), Add	*31.84*	
		For 10" WG (Class A), Add	*45.77*	
		For Work In Restricted Working Space, Add	*29.85*	
23 31 13 13-0657	LF	28" x 28", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	105.40	45.17
		For 3" WG (Class B), Add	*11.29*	
		For 4" Or 6" WG (Class A), Add	*24.09*	
		For 10" WG (Class A), Add	*34.63*	
		For Work In Restricted Working Space, Add	*22.58*	
23 31 13 13-0658	LF	28" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	109.17	46.78
		For 3" WG (Class B), Add	*11.70*	
		For 4" Or 6" WG (Class A), Add	*24.95*	
		For 10" WG (Class A), Add	*35.87*	
		For Work In Restricted Working Space, Add	*23.39*	
23 31 13 13-0659	LF	28" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	112.95	48.39
		For 3" WG (Class B), Add	*12.10*	
		For 4" Or 6" WG (Class A), Add	*25.81*	
		For 10" WG (Class A), Add	*37.10*	
		For Work In Restricted Working Space, Add	*24.20*	
23 31 13 13-0660	LF	28" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.70	50.02
		For 3" WG (Class B), Add	*12.50*	
		For 4" Or 6" WG (Class A), Add	*26.67*	
		For 10" WG (Class A), Add	*38.34*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0661	LF	28" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	120.47	51.63
		For 3" WG (Class B), Add	*12.91*	
		For 4" Or 6" WG (Class A), Add	*27.53*	
		For 10" WG (Class A), Add	*39.58*	
		For Work In Restricted Working Space, Add	*25.81*	
23 31 13 13-0662	LF	28" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	124.23	53.24
		For 3" WG (Class B), Add	*13.31*	
		For 4" Or 6" WG (Class A), Add	*28.39*	
		For 10" WG (Class A), Add	*40.82*	
		For Work In Restricted Working Space, Add	*26.62*	
23 31 13 13-0663	LF	28" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	128.00	54.85
		For 3" WG (Class B), Add	*13.71*	
		For 4" Or 6" WG (Class A), Add	*29.25*	
		For 10" WG (Class A), Add	*42.05*	
		For Work In Restricted Working Space, Add	*27.43*	
23 31 13 13-0664	LF	28" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	131.78	56.47
		For 3" WG (Class B), Add	*14.12*	
		For 4" Or 6" WG (Class A), Add	*30.12*	
		For 10" WG (Class A), Add	*43.29*	
		For Work In Restricted Working Space, Add	*28.23*	
23 31 13 13-0665	LF	28" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	135.53	58.08
		For 3" WG (Class B), Add	*14.52*	
		For 4" Or 6" WG (Class A), Add	*30.98*	
		For 10" WG (Class A), Add	*44.53*	
		For Work In Restricted Working Space, Add	*29.04*	
23 31 13 13-0666	LF	28" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	139.30	59.69
		For 3" WG (Class B), Add	*14.92*	
		For 4" Or 6" WG (Class A), Add	*31.84*	
		For 10" WG (Class A), Add	*45.77*	
		For Work In Restricted Working Space, Add	*29.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0667	LF	28" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.05	61.30
		For 3" WG (Class B), Add	*15.33*	
		For 4" Or 6" WG (Class A), Add	*32.69*	
		For 10" WG (Class A), Add	*47.00*	
		For Work In Restricted Working Space, Add	*30.65*	
23 31 13 13-0668	LF	30" x 30", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	112.95	48.39
		For 3" WG (Class B), Add	*12.10*	
		For 4" Or 6" WG (Class A), Add	*25.81*	
		For 10" WG (Class A), Add	*37.10*	
		For Work In Restricted Working Space, Add	*24.20*	
23 31 13 13-0669	LF	30" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	116.70	50.02
		For 3" WG (Class B), Add	*12.50*	
		For 4" Or 6" WG (Class A), Add	*26.67*	
		For 10" WG (Class A), Add	*38.34*	
		For Work In Restricted Working Space, Add	*25.01*	
23 31 13 13-0670	LF	30" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	120.47	51.63
		For 3" WG (Class B), Add	*12.91*	
		For 4" Or 6" WG (Class A), Add	*27.53*	
		For 10" WG (Class A), Add	*39.58*	
		For Work In Restricted Working Space, Add	*25.81*	
23 31 13 13-0671	LF	30" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	124.23	53.24
		For 3" WG (Class B), Add	*13.31*	
		For 4" Or 6" WG (Class A), Add	*28.39*	
		For 10" WG (Class A), Add	*40.82*	
		For Work In Restricted Working Space, Add	*26.62*	
23 31 13 13-0672	LF	30" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	128.00	54.85
		For 3" WG (Class B), Add	*13.71*	
		For 4" Or 6" WG (Class A), Add	*29.25*	
		For 10" WG (Class A), Add	*42.05*	
		For Work In Restricted Working Space, Add	*27.43*	
23 31 13 13-0673	LF	30" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	131.78	56.47
		For 3" WG (Class B), Add	*14.12*	
		For 4" Or 6" WG (Class A), Add	*30.12*	
		For 10" WG (Class A), Add	*43.29*	
		For Work In Restricted Working Space, Add	*28.23*	
23 31 13 13-0674	LF	30" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	135.53	58.08
		For 3" WG (Class B), Add	*14.52*	
		For 4" Or 6" WG (Class A), Add	*30.98*	
		For 10" WG (Class A), Add	*44.53*	
		For Work In Restricted Working Space, Add	*29.04*	
23 31 13 13-0675	LF	30" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	139.30	59.69
		For 3" WG (Class B), Add	*14.92*	
		For 4" Or 6" WG (Class A), Add	*31.84*	
		For 10" WG (Class A), Add	*45.77*	
		For Work In Restricted Working Space, Add	*29.85*	
23 31 13 13-0676	LF	30" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.05	61.30
		For 3" WG (Class B), Add	*15.33*	
		For 4" Or 6" WG (Class A), Add	*32.69*	
		For 10" WG (Class A), Add	*47.00*	
		For Work In Restricted Working Space, Add	*30.65*	
23 31 13 13-0677	LF	30" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	146.82	62.92
		For 3" WG (Class B), Add	*15.73*	
		For 4" Or 6" WG (Class A), Add	*33.56*	
		For 10" WG (Class A), Add	*48.24*	
		For Work In Restricted Working Space, Add	*31.46*	
23 31 13 13-0678	LF	32" x 32", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	120.47	51.63
		For 3" WG (Class B), Add	*12.91*	
		For 4" Or 6" WG (Class A), Add	*27.53*	
		For 10" WG (Class A), Add	*39.58*	
		For Work In Restricted Working Space, Add	*25.81*	
23 31 13 13-0679	LF	32" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	124.23	53.24
		For 3" WG (Class B), Add	*13.31*	
		For 4" Or 6" WG (Class A), Add	*28.39*	
		For 10" WG (Class A), Add	*40.82*	
		For Work In Restricted Working Space, Add	*26.62*	
23 31 13 13-0680	LF	32" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	128.00	54.85
		For 3" WG (Class B), Add	*13.71*	
		For 4" Or 6" WG (Class A), Add	*29.25*	
		For 10" WG (Class A), Add	*42.05*	
		For Work In Restricted Working Space, Add	*27.43*	
23 31 13 13-0681	LF	32" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	131.78	56.47
		For 3" WG (Class B), Add	*14.12*	
		For 4" Or 6" WG (Class A), Add	*30.12*	
		For 10" WG (Class A), Add	*43.29*	
		For Work In Restricted Working Space, Add	*28.23*	
23 31 13 13-0682	LF	32" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	135.53	58.08
		For 3" WG (Class B), Add	*14.52*	
		For 4" Or 6" WG (Class A), Add	*30.98*	
		For 10" WG (Class A), Add	*44.53*	
		For Work In Restricted Working Space, Add	*29.04*	
23 31 13 13-0683	LF	32" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	139.30	59.69
		For 3" WG (Class B), Add	*14.92*	
		For 4" Or 6" WG (Class A), Add	*31.84*	
		For 10" WG (Class A), Add	*45.77*	
		For Work In Restricted Working Space, Add	*29.85*	
23 31 13 13-0684	LF	32" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.05	61.30
		For 3" WG (Class B), Add	*15.33*	
		For 4" Or 6" WG (Class A), Add	*32.69*	
		For 10" WG (Class A), Add	*47.00*	
		For Work In Restricted Working Space, Add	*30.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0685	LF	32" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	146.82	62.92
		For 3" WG (Class B), Add	*15.73*	
		For 4" Or 6" WG (Class A), Add	*33.56*	
		For 10" WG (Class A), Add	*48.24*	
		For Work In Restricted Working Space, Add	*31.46*	
23 31 13 13-0686	LF	32" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.59	64.53
		For 3" WG (Class B), Add	*16.13*	
		For 4" Or 6" WG (Class A), Add	*34.42*	
		For 10" WG (Class A), Add	*49.47*	
		For Work In Restricted Working Space, Add	*32.27*	
23 31 13 13-0687	LF	34" x 34", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	128.00	54.85
		For 3" WG (Class B), Add	*13.71*	
		For 4" Or 6" WG (Class A), Add	*29.25*	
		For 10" WG (Class A), Add	*42.05*	
		For Work In Restricted Working Space, Add	*27.43*	
23 31 13 13-0688	LF	34" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	131.78	56.47
		For 3" WG (Class B), Add	*14.12*	
		For 4" Or 6" WG (Class A), Add	*30.12*	
		For 10" WG (Class A), Add	*43.29*	
		For Work In Restricted Working Space, Add	*28.23*	
23 31 13 13-0689	LF	34" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	135.53	58.08
		For 3" WG (Class B), Add	*14.52*	
		For 4" Or 6" WG (Class A), Add	*30.98*	
		For 10" WG (Class A), Add	*44.53*	
		For Work In Restricted Working Space, Add	*29.04*	
23 31 13 13-0690	LF	34" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	139.30	59.69
		For 3" WG (Class B), Add	*14.92*	
		For 4" Or 6" WG (Class A), Add	*31.84*	
		For 10" WG (Class A), Add	*45.77*	
		For Work In Restricted Working Space, Add	*29.85*	
23 31 13 13-0691	LF	34" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.05	61.30
		For 3" WG (Class B), Add	*15.33*	
		For 4" Or 6" WG (Class A), Add	*32.69*	
		For 10" WG (Class A), Add	*47.00*	
		For Work In Restricted Working Space, Add	*30.65*	
23 31 13 13-0692	LF	34" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	146.82	62.92
		For 3" WG (Class B), Add	*15.73*	
		For 4" Or 6" WG (Class A), Add	*33.56*	
		For 10" WG (Class A), Add	*48.24*	
		For Work In Restricted Working Space, Add	*31.46*	
23 31 13 13-0693	LF	34" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.59	64.53
		For 3" WG (Class B), Add	*16.13*	
		For 4" Or 6" WG (Class A), Add	*34.42*	
		For 10" WG (Class A), Add	*49.47*	
		For Work In Restricted Working Space, Add	*32.27*	
23 31 13 13-0694	LF	34" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	154.35	66.14
		For 3" WG (Class B), Add	*16.54*	
		For 4" Or 6" WG (Class A), Add	*35.28*	
		For 10" WG (Class A), Add	*50.71*	
		For Work In Restricted Working Space, Add	*33.07*	
23 31 13 13-0695	LF	36" x 36", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	135.53	58.08
		For 3" WG (Class B), Add	*14.52*	
		For 4" Or 6" WG (Class A), Add	*30.98*	
		For 10" WG (Class A), Add	*44.53*	
		For Work In Restricted Working Space, Add	*29.04*	
23 31 13 13-0696	LF	36" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	139.30	59.69
		For 3" WG (Class B), Add	*14.92*	
		For 4" Or 6" WG (Class A), Add	*31.84*	
		For 10" WG (Class A), Add	*45.77*	
		For Work In Restricted Working Space, Add	*29.85*	
23 31 13 13-0697	LF	36" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.05	61.30
		For 3" WG (Class B), Add	*15.33*	
		For 4" Or 6" WG (Class A), Add	*32.69*	
		For 10" WG (Class A), Add	*47.00*	
		For Work In Restricted Working Space, Add	*30.65*	
23 31 13 13-0698	LF	36" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	146.82	62.92
		For 3" WG (Class B), Add	*15.73*	
		For 4" Or 6" WG (Class A), Add	*33.56*	
		For 10" WG (Class A), Add	*48.24*	
		For Work In Restricted Working Space, Add	*31.46*	
23 31 13 13-0699	LF	36" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.59	64.53
		For 3" WG (Class B), Add	*16.13*	
		For 4" Or 6" WG (Class A), Add	*34.42*	
		For 10" WG (Class A), Add	*49.47*	
		For Work In Restricted Working Space, Add	*32.27*	
23 31 13 13-0700	LF	36" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	154.35	66.14
		For 3" WG (Class B), Add	*16.54*	
		For 4" Or 6" WG (Class A), Add	*35.28*	
		For 10" WG (Class A), Add	*50.71*	
		For Work In Restricted Working Space, Add	*33.07*	
23 31 13 13-0701	LF	36" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	158.12	67.75
		For 3" WG (Class B), Add	*16.94*	
		For 4" Or 6" WG (Class A), Add	*36.14*	
		For 10" WG (Class A), Add	*51.95*	
		For Work In Restricted Working Space, Add	*33.88*	
23 31 13 13-0702	LF	38" x 38", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	143.05	61.30
		For 3" WG (Class B), Add	*15.33*	
		For 4" Or 6" WG (Class A), Add	*32.69*	
		For 10" WG (Class A), Add	*47.00*	
		For Work In Restricted Working Space, Add	*30.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0703	LF	38" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	146.82	62.92
		For 3" WG (Class B), Add	*15.73*	
		For 4" Or 6" WG (Class A), Add	*33.56*	
		For 10" WG (Class A), Add	*48.24*	
		For Work In Restricted Working Space, Add	*31.46*	
23 31 13 13-0704	LF	38" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.59	64.53
		For 3" WG (Class B), Add	*16.13*	
		For 4" Or 6" WG (Class A), Add	*34.42*	
		For 10" WG (Class A), Add	*49.47*	
		For Work In Restricted Working Space, Add	*32.27*	
23 31 13 13-0705	LF	38" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	154.35	66.14
		For 3" WG (Class B), Add	*16.54*	
		For 4" Or 6" WG (Class A), Add	*35.28*	
		For 10" WG (Class A), Add	*50.71*	
		For Work In Restricted Working Space, Add	*33.07*	
23 31 13 13-0706	LF	38" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	158.12	67.75
		For 3" WG (Class B), Add	*16.94*	
		For 4" Or 6" WG (Class A), Add	*36.14*	
		For 10" WG (Class A), Add	*51.95*	
		For Work In Restricted Working Space, Add	*33.88*	
23 31 13 13-0707	LF	38" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	161.88	69.37
		For 3" WG (Class B), Add	*17.34*	
		For 4" Or 6" WG (Class A), Add	*37.00*	
		For 10" WG (Class A), Add	*53.18*	
		For Work In Restricted Working Space, Add	*34.68*	
23 31 13 13-0708	LF	38" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	165.64	70.99
		For 3" WG (Class B), Add	*17.75*	
		For 4" Or 6" WG (Class A), Add	*37.86*	
		For 10" WG (Class A), Add	*54.42*	
		For Work In Restricted Working Space, Add	*35.49*	
23 31 13 13-0709	LF	40" x 40", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	150.59	64.53
		For 3" WG (Class B), Add	*16.13*	
		For 4" Or 6" WG (Class A), Add	*34.42*	
		For 10" WG (Class A), Add	*49.47*	
		For Work In Restricted Working Space, Add	*32.27*	
23 31 13 13-0710	LF	40" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	154.35	66.14
		For 3" WG (Class B), Add	*16.54*	
		For 4" Or 6" WG (Class A), Add	*35.28*	
		For 10" WG (Class A), Add	*50.71*	
		For Work In Restricted Working Space, Add	*33.07*	
23 31 13 13-0711	LF	40" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	158.12	67.75
		For 3" WG (Class B), Add	*16.94*	
		For 4" Or 6" WG (Class A), Add	*36.14*	
		For 10" WG (Class A), Add	*51.95*	
		For Work In Restricted Working Space, Add	*33.88*	
23 31 13 13-0712	LF	40" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	161.88	69.37
		For 3" WG (Class B), Add	*17.34*	
		For 4" Or 6" WG (Class A), Add	*37.00*	
		For 10" WG (Class A), Add	*53.18*	
		For Work In Restricted Working Space, Add	*34.68*	
23 31 13 13-0713	LF	40" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	165.64	70.99
		For 3" WG (Class B), Add	*17.75*	
		For 4" Or 6" WG (Class A), Add	*37.86*	
		For 10" WG (Class A), Add	*54.42*	
		For Work In Restricted Working Space, Add	*35.49*	
23 31 13 13-0714	LF	40" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	169.41	72.60
		For 3" WG (Class B), Add	*18.15*	
		For 4" Or 6" WG (Class A), Add	*38.72*	
		For 10" WG (Class A), Add	*55.66*	
		For Work In Restricted Working Space, Add	*36.30*	
23 31 13 13-0715	LF	40" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	173.17	74.21
		For 3" WG (Class B), Add	*18.55*	
		For 4" Or 6" WG (Class A), Add	*39.58*	
		For 10" WG (Class A), Add	*56.90*	
		For Work In Restricted Working Space, Add	*37.11*	
23 31 13 13-0716	LF	40" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	176.95	75.83
		For 3" WG (Class B), Add	*18.96*	
		For 4" Or 6" WG (Class A), Add	*40.44*	
		For 10" WG (Class A), Add	*58.13*	
		For Work In Restricted Working Space, Add	*37.91*	
23 31 13 13-0717	LF	40" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	180.71	77.44
		For 3" WG (Class B), Add	*19.36*	
		For 4" Or 6" WG (Class A), Add	*41.30*	
		For 10" WG (Class A), Add	*59.37*	
		For Work In Restricted Working Space, Add	*38.72*	
23 31 13 13-0718	LF	42" x 42", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	158.12	67.75
		For 3" WG (Class B), Add	*16.94*	
		For 4" Or 6" WG (Class A), Add	*36.14*	
		For 10" WG (Class A), Add	*51.95*	
		For Work In Restricted Working Space, Add	*33.88*	
23 31 13 13-0719	LF	42" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	161.88	69.37
		For 3" WG (Class B), Add	*17.34*	
		For 4" Or 6" WG (Class A), Add	*37.00*	
		For 10" WG (Class A), Add	*53.18*	
		For Work In Restricted Working Space, Add	*34.68*	
23 31 13 13-0720	LF	42" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	165.64	70.99
		For 3" WG (Class B), Add	*17.75*	
		For 4" Or 6" WG (Class A), Add	*37.86*	
		For 10" WG (Class A), Add	*54.42*	
		For Work In Restricted Working Space, Add	*35.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0721	LF	42" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	169.41	72.60
		For 3" WG (Class B), Add	*18.15*	
		For 4" Or 6" WG (Class A), Add	*38.72*	
		For 10" WG (Class A), Add	*55.66*	
		For Work In Restricted Working Space, Add	*36.30*	
23 31 13 13-0722	LF	42" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	173.17	74.21
		For 3" WG (Class B), Add	*18.55*	
		For 4" Or 6" WG (Class A), Add	*39.58*	
		For 10" WG (Class A), Add	*56.90*	
		For Work In Restricted Working Space, Add	*37.11*	
23 31 13 13-0723	LF	42" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	176.95	75.83
		For 3" WG (Class B), Add	*18.96*	
		For 4" Or 6" WG (Class A), Add	*40.44*	
		For 10" WG (Class A), Add	*58.13*	
		For Work In Restricted Working Space, Add	*37.91*	
23 31 13 13-0724	LF	42" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	180.71	77.44
		For 3" WG (Class B), Add	*19.36*	
		For 4" Or 6" WG (Class A), Add	*41.30*	
		For 10" WG (Class A), Add	*59.37*	
		For Work In Restricted Working Space, Add	*38.72*	
23 31 13 13-0725	LF	42" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	184.46	79.05
		For 3" WG (Class B), Add	*19.76*	
		For 4" Or 6" WG (Class A), Add	*42.16*	
		For 10" WG (Class A), Add	*60.61*	
		For Work In Restricted Working Space, Add	*39.53*	
23 31 13 13-0726	LF	44" x 44", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	165.64	70.99
		For 3" WG (Class B), Add	*17.75*	
		For 4" Or 6" WG (Class A), Add	*37.86*	
		For 10" WG (Class A), Add	*54.42*	
		For Work In Restricted Working Space, Add	*35.49*	
23 31 13 13-0727	LF	44" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	169.41	72.60
		For 3" WG (Class B), Add	*18.15*	
		For 4" Or 6" WG (Class A), Add	*38.72*	
		For 10" WG (Class A), Add	*55.66*	
		For Work In Restricted Working Space, Add	*36.30*	
23 31 13 13-0728	LF	44" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	173.17	74.21
		For 3" WG (Class B), Add	*18.55*	
		For 4" Or 6" WG (Class A), Add	*39.58*	
		For 10" WG (Class A), Add	*56.90*	
		For Work In Restricted Working Space, Add	*37.11*	
23 31 13 13-0729	LF	44" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	176.95	75.83
		For 3" WG (Class B), Add	*18.96*	
		For 4" Or 6" WG (Class A), Add	*40.44*	
		For 10" WG (Class A), Add	*58.13*	
		For Work In Restricted Working Space, Add	*37.91*	
23 31 13 13-0730	LF	44" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	180.71	77.44
		For 3" WG (Class B), Add	*19.36*	
		For 4" Or 6" WG (Class A), Add	*41.30*	
		For 10" WG (Class A), Add	*59.37*	
		For Work In Restricted Working Space, Add	*38.72*	
23 31 13 13-0731	LF	44" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	184.46	79.05
		For 3" WG (Class B), Add	*19.76*	
		For 4" Or 6" WG (Class A), Add	*42.16*	
		For 10" WG (Class A), Add	*60.61*	
		For Work In Restricted Working Space, Add	*39.53*	
23 31 13 13-0732	LF	44" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	188.24	80.66
		For 3" WG (Class B), Add	*20.17*	
		For 4" Or 6" WG (Class A), Add	*43.02*	
		For 10" WG (Class A), Add	*61.84*	
		For Work In Restricted Working Space, Add	*40.33*	
23 31 13 13-0733	LF	46" x 46", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	173.17	74.21
		For 3" WG (Class B), Add	*18.55*	
		For 4" Or 6" WG (Class A), Add	*39.58*	
		For 10" WG (Class A), Add	*56.90*	
		For Work In Restricted Working Space, Add	*37.11*	
23 31 13 13-0734	LF	46" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	176.95	75.83
		For 3" WG (Class B), Add	*18.96*	
		For 4" Or 6" WG (Class A), Add	*40.44*	
		For 10" WG (Class A), Add	*58.13*	
		For Work In Restricted Working Space, Add	*37.91*	
23 31 13 13-0735	LF	46" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	180.71	77.44
		For 3" WG (Class B), Add	*19.36*	
		For 4" Or 6" WG (Class A), Add	*41.30*	
		For 10" WG (Class A), Add	*59.37*	
		For Work In Restricted Working Space, Add	*38.72*	
23 31 13 13-0736	LF	46" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	184.46	79.05
		For 3" WG (Class B), Add	*19.76*	
		For 4" Or 6" WG (Class A), Add	*42.16*	
		For 10" WG (Class A), Add	*60.61*	
		For Work In Restricted Working Space, Add	*39.53*	
23 31 13 13-0737	LF	46" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	188.24	80.66
		For 3" WG (Class B), Add	*20.17*	
		For 4" Or 6" WG (Class A), Add	*43.02*	
		For 10" WG (Class A), Add	*61.84*	
		For Work In Restricted Working Space, Add	*40.33*	
23 31 13 13-0738	LF	46" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	192.01	82.28
		For 3" WG (Class B), Add	*20.57*	
		For 4" Or 6" WG (Class A), Add	*43.88*	
		For 10" WG (Class A), Add	*63.08*	
		For Work In Restricted Working Space, Add	*41.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0739	LF	46" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	195.77	83.89
		For 3" WG (Class B), Add	*20.97*	
		For 4" Or 6" WG (Class A), Add	*44.74*	
		For 10" WG (Class A), Add	*64.32*	
		For Work In Restricted Working Space, Add	*41.95*	
23 31 13 13-0740	LF	48" x 48", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	180.71	77.44
		For 3" WG (Class B), Add	*19.36*	
		For 4" Or 6" WG (Class A), Add	*41.30*	
		For 10" WG (Class A), Add	*59.37*	
		For Work In Restricted Working Space, Add	*38.72*	
23 31 13 13-0741	LF	48" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	184.46	79.05
		For 3" WG (Class B), Add	*19.76*	
		For 4" Or 6" WG (Class A), Add	*42.16*	
		For 10" WG (Class A), Add	*60.61*	
		For Work In Restricted Working Space, Add	*39.53*	
23 31 13 13-0742	LF	48" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	188.24	80.66
		For 3" WG (Class B), Add	*20.17*	
		For 4" Or 6" WG (Class A), Add	*43.02*	
		For 10" WG (Class A), Add	*61.84*	
		For Work In Restricted Working Space, Add	*40.33*	
23 31 13 13-0743	LF	48" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	192.01	82.28
		For 3" WG (Class B), Add	*20.57*	
		For 4" Or 6" WG (Class A), Add	*43.88*	
		For 10" WG (Class A), Add	*63.08*	
		For Work In Restricted Working Space, Add	*41.14*	
23 31 13 13-0744	LF	48" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	195.77	83.89
		For 3" WG (Class B), Add	*20.97*	
		For 4" Or 6" WG (Class A), Add	*44.74*	
		For 10" WG (Class A), Add	*64.32*	
		For Work In Restricted Working Space, Add	*41.95*	
23 31 13 13-0745	LF	48" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	199.53	85.50
		For 3" WG (Class B), Add	*21.38*	
		For 4" Or 6" WG (Class A), Add	*45.60*	
		For 10" WG (Class A), Add	*65.55*	
		For Work In Restricted Working Space, Add	*42.75*	
23 31 13 13-0746	LF	48" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	203.28	87.11
		For 3" WG (Class B), Add	*21.78*	
		For 4" Or 6" WG (Class A), Add	*46.46*	
		For 10" WG (Class A), Add	*66.79*	
		For Work In Restricted Working Space, Add	*43.56*	
23 31 13 13-0747	LF	50" x 50", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	188.24	80.66
		For 3" WG (Class B), Add	*20.17*	
		For 4" Or 6" WG (Class A), Add	*43.02*	
		For 10" WG (Class A), Add	*61.84*	
		For Work In Restricted Working Space, Add	*40.33*	
23 31 13 13-0748	LF	50" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	192.01	82.28
		For 3" WG (Class B), Add	*20.57*	
		For 4" Or 6" WG (Class A), Add	*43.88*	
		For 10" WG (Class A), Add	*63.08*	
		For Work In Restricted Working Space, Add	*41.14*	
23 31 13 13-0749	LF	50" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	195.77	83.89
		For 3" WG (Class B), Add	*20.97*	
		For 4" Or 6" WG (Class A), Add	*44.74*	
		For 10" WG (Class A), Add	*64.32*	
		For Work In Restricted Working Space, Add	*41.95*	
23 31 13 13-0750	LF	50" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	199.53	85.50
		For 3" WG (Class B), Add	*21.38*	
		For 4" Or 6" WG (Class A), Add	*45.60*	
		For 10" WG (Class A), Add	*65.55*	
		For Work In Restricted Working Space, Add	*42.75*	
23 31 13 13-0751	LF	50" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	203.28	87.11
		For 3" WG (Class B), Add	*21.78*	
		For 4" Or 6" WG (Class A), Add	*46.46*	
		For 10" WG (Class A), Add	*66.79*	
		For Work In Restricted Working Space, Add	*43.56*	
23 31 13 13-0752	LF	50" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	207.06	88.73
		For 3" WG (Class B), Add	*22.18*	
		For 4" Or 6" WG (Class A), Add	*47.32*	
		For 10" WG (Class A), Add	*68.02*	
		For Work In Restricted Working Space, Add	*44.36*	
23 31 13 13-0753	LF	52" x 52", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	195.77	83.89
		For 3" WG (Class B), Add	*20.97*	
		For 4" Or 6" WG (Class A), Add	*44.74*	
		For 10" WG (Class A), Add	*64.32*	
		For Work In Restricted Working Space, Add	*41.95*	
23 31 13 13-0754	LF	52" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	199.53	85.50
		For 3" WG (Class B), Add	*21.38*	
		For 4" Or 6" WG (Class A), Add	*45.60*	
		For 10" WG (Class A), Add	*65.55*	
		For Work In Restricted Working Space, Add	*42.75*	
23 31 13 13-0755	LF	52" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	203.28	87.11
		For 3" WG (Class B), Add	*21.78*	
		For 4" Or 6" WG (Class A), Add	*46.46*	
		For 10" WG (Class A), Add	*66.79*	
		For Work In Restricted Working Space, Add	*43.56*	
23 31 13 13-0756	LF	52" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	207.06	88.73
		For 3" WG (Class B), Add	*22.18*	
		For 4" Or 6" WG (Class A), Add	*47.32*	
		For 10" WG (Class A), Add	*68.02*	
		For Work In Restricted Working Space, Add	*44.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0757	LF	52" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	210.83	90.35
		For 3" WG (Class B), Add	*22.59*	
		For 4" Or 6" WG (Class A), Add	*48.18*	
		For 10" WG (Class A), Add	*69.26*	
		For Work In Restricted Working Space, Add	*45.17*	
23 31 13 13-0758	LF	54" x 54", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	203.28	87.11
		For 3" WG (Class B), Add	*21.78*	
		For 4" Or 6" WG (Class A), Add	*46.46*	
		For 10" WG (Class A), Add	*66.79*	
		For Work In Restricted Working Space, Add	*43.56*	
23 31 13 13-0759	LF	54" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	207.06	88.73
		For 3" WG (Class B), Add	*22.18*	
		For 4" Or 6" WG (Class A), Add	*47.32*	
		For 10" WG (Class A), Add	*68.02*	
		For Work In Restricted Working Space, Add	*44.36*	
23 31 13 13-0760	LF	54" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	210.83	90.35
		For 3" WG (Class B), Add	*22.59*	
		For 4" Or 6" WG (Class A), Add	*48.18*	
		For 10" WG (Class A), Add	*69.26*	
		For Work In Restricted Working Space, Add	*45.17*	
23 31 13 13-0761	LF	54" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	214.58	91.96
		For 3" WG (Class B), Add	*22.99*	
		For 4" Or 6" WG (Class A), Add	*49.04*	
		For 10" WG (Class A), Add	*70.50*	
		For Work In Restricted Working Space, Add	*45.98*	
23 31 13 13-0762	LF	54" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.35	93.57
		For 3" WG (Class B), Add	*23.39*	
		For 4" Or 6" WG (Class A), Add	*49.90*	
		For 10" WG (Class A), Add	*71.73*	
		For Work In Restricted Working Space, Add	*46.78*	
23 31 13 13-0763	LF	54" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	222.11	95.19
		For 3" WG (Class B), Add	*23.80*	
		For 4" Or 6" WG (Class A), Add	*50.76*	
		For 10" WG (Class A), Add	*72.97*	
		For Work In Restricted Working Space, Add	*47.59*	
23 31 13 13-0764	LF	56" x 56", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	210.83	90.35
		For 3" WG (Class B), Add	*22.59*	
		For 4" Or 6" WG (Class A), Add	*48.18*	
		For 10" WG (Class A), Add	*69.26*	
		For Work In Restricted Working Space, Add	*45.17*	
23 31 13 13-0765	LF	56" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	214.58	91.96
		For 3" WG (Class B), Add	*22.99*	
		For 4" Or 6" WG (Class A), Add	*49.04*	
		For 10" WG (Class A), Add	*70.50*	
		For Work In Restricted Working Space, Add	*45.98*	
23 31 13 13-0766	LF	56" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.35	93.57
		For 3" WG (Class B), Add	*23.39*	
		For 4" Or 6" WG (Class A), Add	*49.90*	
		For 10" WG (Class A), Add	*71.73*	
		For Work In Restricted Working Space, Add	*46.78*	
23 31 13 13-0767	LF	56" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	222.11	95.19
		For 3" WG (Class B), Add	*23.80*	
		For 4" Or 6" WG (Class A), Add	*50.76*	
		For 10" WG (Class A), Add	*72.97*	
		For Work In Restricted Working Space, Add	*47.59*	
23 31 13 13-0768	LF	56" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	225.88	96.80
		For 3" WG (Class B), Add	*24.20*	
		For 4" Or 6" WG (Class A), Add	*51.63*	
		For 10" WG (Class A), Add	*74.21*	
		For Work In Restricted Working Space, Add	*48.40*	
23 31 13 13-0769	LF	58" x 58", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	218.35	93.57
		For 3" WG (Class B), Add	*23.39*	
		For 4" Or 6" WG (Class A), Add	*49.90*	
		For 10" WG (Class A), Add	*71.73*	
		For Work In Restricted Working Space, Add	*46.78*	
23 31 13 13-0770	LF	58" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	222.11	95.19
		For 3" WG (Class B), Add	*23.80*	
		For 4" Or 6" WG (Class A), Add	*50.76*	
		For 10" WG (Class A), Add	*72.97*	
		For Work In Restricted Working Space, Add	*47.59*	
23 31 13 13-0771	LF	58" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	225.88	96.80
		For 3" WG (Class B), Add	*24.20*	
		For 4" Or 6" WG (Class A), Add	*51.63*	
		For 10" WG (Class A), Add	*74.21*	
		For Work In Restricted Working Space, Add	*48.40*	
23 31 13 13-0772	LF	58" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	229.66	98.41
		For 3" WG (Class B), Add	*24.60*	
		For 4" Or 6" WG (Class A), Add	*52.49*	
		For 10" WG (Class A), Add	*75.45*	
		For Work In Restricted Working Space, Add	*49.21*	
23 31 13 13-0773	LF	58" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	233.41	100.02
		For 3" WG (Class B), Add	*25.01*	
		For 4" Or 6" WG (Class A), Add	*53.35*	
		For 10" WG (Class A), Add	*76.69*	
		For Work In Restricted Working Space, Add	*50.01*	
23 31 13 13-0774	LF	60" x 60", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	225.88	96.80
		For 3" WG (Class B), Add	*24.20*	
		For 4" Or 6" WG (Class A), Add	*51.63*	
		For 10" WG (Class A), Add	*74.21*	
		For Work In Restricted Working Space, Add	*48.40*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0775	LF	60" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	229.66	98.41
		For 3" WG (Class B), Add	*24.60*	
		For 4" Or 6" WG (Class A), Add	*52.49*	
		For 10" WG (Class A), Add	*75.45*	
		For Work In Restricted Working Space, Add	*49.21*	
23 31 13 13-0776	LF	60" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	233.41	100.02
		For 3" WG (Class B), Add	*25.01*	
		For 4" Or 6" WG (Class A), Add	*53.35*	
		For 10" WG (Class A), Add	*76.69*	
		For Work In Restricted Working Space, Add	*50.01*	
23 31 13 13-0777	LF	60" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	237.17	101.64
		For 3" WG (Class B), Add	*25.41*	
		For 4" Or 6" WG (Class A), Add	*54.20*	
		For 10" WG (Class A), Add	*77.92*	
		For Work In Restricted Working Space, Add	*50.82*	
23 31 13 13-0778	LF	60" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	240.95	103.25
		For 3" WG (Class B), Add	*25.81*	
		For 4" Or 6" WG (Class A), Add	*55.07*	
		For 10" WG (Class A), Add	*79.16*	
		For Work In Restricted Working Space, Add	*51.62*	
23 31 13 13-0779	LF	62" x 62", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	233.41	100.02
		For 3" WG (Class B), Add	*25.01*	
		For 4" Or 6" WG (Class A), Add	*53.35*	
		For 10" WG (Class A), Add	*76.69*	
		For Work In Restricted Working Space, Add	*50.01*	
23 31 13 13-0780	LF	62" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	237.17	101.64
		For 3" WG (Class B), Add	*25.41*	
		For 4" Or 6" WG (Class A), Add	*54.20*	
		For 10" WG (Class A), Add	*77.92*	
		For Work In Restricted Working Space, Add	*50.82*	
23 31 13 13-0781	LF	62" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	240.95	103.25
		For 3" WG (Class B), Add	*25.81*	
		For 4" Or 6" WG (Class A), Add	*55.07*	
		For 10" WG (Class A), Add	*79.16*	
		For Work In Restricted Working Space, Add	*51.62*	
23 31 13 13-0782	LF	62" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	244.70	104.86
		For 3" WG (Class B), Add	*26.22*	
		For 4" Or 6" WG (Class A), Add	*55.93*	
		For 10" WG (Class A), Add	*80.39*	
		For Work In Restricted Working Space, Add	*52.43*	
23 31 13 13-0783	LF	62" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	248.48	106.47
		For 3" WG (Class B), Add	*26.62*	
		For 4" Or 6" WG (Class A), Add	*56.79*	
		For 10" WG (Class A), Add	*81.63*	
		For Work In Restricted Working Space, Add	*53.24*	
23 31 13 13-0784	LF	64" x 64", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	240.95	103.25
		For 3" WG (Class B), Add	*25.81*	
		For 4" Or 6" WG (Class A), Add	*55.07*	
		For 10" WG (Class A), Add	*79.16*	
		For Work In Restricted Working Space, Add	*51.62*	
23 31 13 13-0785	LF	64" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	244.70	104.86
		For 3" WG (Class B), Add	*26.22*	
		For 4" Or 6" WG (Class A), Add	*55.93*	
		For 10" WG (Class A), Add	*80.39*	
		For Work In Restricted Working Space, Add	*52.43*	
23 31 13 13-0786	LF	64" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	248.48	106.47
		For 3" WG (Class B), Add	*26.62*	
		For 4" Or 6" WG (Class A), Add	*56.79*	
		For 10" WG (Class A), Add	*81.63*	
		For Work In Restricted Working Space, Add	*53.24*	
23 31 13 13-0787	LF	64" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	252.23	108.09
		For 3" WG (Class B), Add	*27.02*	
		For 4" Or 6" WG (Class A), Add	*57.65*	
		For 10" WG (Class A), Add	*82.87*	
		For Work In Restricted Working Space, Add	*54.05*	
23 31 13 13-0788	LF	66" x 66", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	248.48	106.47
		For 3" WG (Class B), Add	*26.62*	
		For 4" Or 6" WG (Class A), Add	*56.79*	
		For 10" WG (Class A), Add	*81.63*	
		For Work In Restricted Working Space, Add	*53.24*	
23 31 13 13-0789	LF	66" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	252.23	108.09
		For 3" WG (Class B), Add	*27.02*	
		For 4" Or 6" WG (Class A), Add	*57.65*	
		For 10" WG (Class A), Add	*82.87*	
		For Work In Restricted Working Space, Add	*54.05*	
23 31 13 13-0790	LF	66" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	255.99	109.71
		For 3" WG (Class B), Add	*27.42*	
		For 4" Or 6" WG (Class A), Add	*58.51*	
		For 10" WG (Class A), Add	*84.10*	
		For Work In Restricted Working Space, Add	*54.85*	
23 31 13 13-0791	LF	66" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	259.77	111.32
		For 3" WG (Class B), Add	*27.83*	
		For 4" Or 6" WG (Class A), Add	*59.37*	
		For 10" WG (Class A), Add	*85.34*	
		For Work In Restricted Working Space, Add	*55.66*	
23 31 13 13-0792	LF	68" x 68", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	255.99	109.71
		For 3" WG (Class B), Add	*27.42*	
		For 4" Or 6" WG (Class A), Add	*58.51*	
		For 10" WG (Class A), Add	*84.10*	
		For Work In Restricted Working Space, Add	*54.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0793	LF	68" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	259.77	111.32
		For 3" WG (Class B), Add	*27.83*	
		For 4" Or 6" WG (Class A), Add	*59.37*	
		For 10" WG (Class A), Add	*85.34*	
		For Work In Restricted Working Space, Add	*55.66*	
23 31 13 13-0794	LF	68" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	263.52	112.93
		For 3" WG (Class B), Add	*28.23*	
		For 4" Or 6" WG (Class A), Add	*60.23*	
		For 10" WG (Class A), Add	*86.58*	
		For Work In Restricted Working Space, Add	*56.46*	
23 31 13 13-0795	LF	68" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	267.29	114.55
		For 3" WG (Class B), Add	*28.64*	
		For 4" Or 6" WG (Class A), Add	*61.09*	
		For 10" WG (Class A), Add	*87.81*	
		For Work In Restricted Working Space, Add	*57.27*	
23 31 13 13-0796	LF	70" x 70", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	263.52	112.93
		For 3" WG (Class B), Add	*28.23*	
		For 4" Or 6" WG (Class A), Add	*60.23*	
		For 10" WG (Class A), Add	*86.58*	
		For Work In Restricted Working Space, Add	*56.46*	
23 31 13 13-0797	LF	70" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	267.29	114.55
		For 3" WG (Class B), Add	*28.64*	
		For 4" Or 6" WG (Class A), Add	*61.09*	
		For 10" WG (Class A), Add	*87.81*	
		For Work In Restricted Working Space, Add	*57.27*	
23 31 13 13-0798	LF	70" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	271.08	116.16
		For 3" WG (Class B), Add	*29.04*	
		For 4" Or 6" WG (Class A), Add	*61.95*	
		For 10" WG (Class A), Add	*89.06*	
		For Work In Restricted Working Space, Add	*58.08*	
23 31 13 13-0799	LF	70" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	274.83	117.77
		For 3" WG (Class B), Add	*29.44*	
		For 4" Or 6" WG (Class A), Add	*62.81*	
		For 10" WG (Class A), Add	*90.29*	
		For Work In Restricted Working Space, Add	*58.89*	
23 31 13 13-0800	LF	70" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	278.59	119.38
		For 3" WG (Class B), Add	*29.85*	
		For 4" Or 6" WG (Class A), Add	*63.67*	
		For 10" WG (Class A), Add	*91.53*	
		For Work In Restricted Working Space, Add	*59.69*	
23 31 13 13-0801	LF	70" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	282.35	120.99
		For 3" WG (Class B), Add	*30.25*	
		For 4" Or 6" WG (Class A), Add	*64.53*	
		For 10" WG (Class A), Add	*92.76*	
		For Work In Restricted Working Space, Add	*60.50*	
23 31 13 13-0802	LF	70" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	286.12	122.61
		For 3" WG (Class B), Add	*30.65*	
		For 4" Or 6" WG (Class A), Add	*65.39*	
		For 10" WG (Class A), Add	*94.00*	
		For Work In Restricted Working Space, Add	*61.31*	
23 31 13 13-0803	LF	70" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	289.90	124.22
		For 3" WG (Class B), Add	*31.06*	
		For 4" Or 6" WG (Class A), Add	*66.25*	
		For 10" WG (Class A), Add	*95.24*	
		For Work In Restricted Working Space, Add	*62.11*	
23 31 13 13-0804	LF	72" x 72", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	271.08	116.16
		For 3" WG (Class B), Add	*29.04*	
		For 4" Or 6" WG (Class A), Add	*61.95*	
		For 10" WG (Class A), Add	*89.06*	
		For Work In Restricted Working Space, Add	*58.08*	
23 31 13 13-0805	LF	72" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	274.83	117.77
		For 3" WG (Class B), Add	*29.44*	
		For 4" Or 6" WG (Class A), Add	*62.81*	
		For 10" WG (Class A), Add	*90.29*	
		For Work In Restricted Working Space, Add	*58.89*	
23 31 13 13-0806	LF	72" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	278.59	119.38
		For 3" WG (Class B), Add	*29.85*	
		For 4" Or 6" WG (Class A), Add	*63.67*	
		For 10" WG (Class A), Add	*91.53*	
		For Work In Restricted Working Space, Add	*59.69*	
23 31 13 13-0807	LF	72" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	282.35	120.99
		For 3" WG (Class B), Add	*30.25*	
		For 4" Or 6" WG (Class A), Add	*64.53*	
		For 10" WG (Class A), Add	*92.76*	
		For Work In Restricted Working Space, Add	*60.50*	
23 31 13 13-0808	LF	72" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	286.12	122.61
		For 3" WG (Class B), Add	*30.65*	
		For 4" Or 6" WG (Class A), Add	*65.39*	
		For 10" WG (Class A), Add	*94.00*	
		For Work In Restricted Working Space, Add	*61.31*	
23 31 13 13-0809	LF	72" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	289.90	124.22
		For 3" WG (Class B), Add	*31.06*	
		For 4" Or 6" WG (Class A), Add	*66.25*	
		For 10" WG (Class A), Add	*95.24*	
		For Work In Restricted Working Space, Add	*62.11*	
23 31 13 13-0810	LF	72" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	293.65	125.83
		For 3" WG (Class B), Add	*31.46*	
		For 4" Or 6" WG (Class A), Add	*67.11*	
		For 10" WG (Class A), Add	*96.48*	
		For Work In Restricted Working Space, Add	*62.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0811	LF	74" x 74", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	278.59	119.38
		For 3" WG (Class B), Add	*29.85*	
		For 4" Or 6" WG (Class A), Add	*63.67*	
		For 10" WG (Class A), Add	*91.53*	
		For Work In Restricted Working Space, Add	*59.69*	
23 31 13 13-0812	LF	74" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	282.35	120.99
		For 3" WG (Class B), Add	*30.25*	
		For 4" Or 6" WG (Class A), Add	*64.53*	
		For 10" WG (Class A), Add	*92.76*	
		For Work In Restricted Working Space, Add	*60.50*	
23 31 13 13-0813	LF	74" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	286.12	122.61
		For 3" WG (Class B), Add	*30.65*	
		For 4" Or 6" WG (Class A), Add	*65.39*	
		For 10" WG (Class A), Add	*94.00*	
		For Work In Restricted Working Space, Add	*61.31*	
23 31 13 13-0814	LF	74" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	289.90	124.22
		For 3" WG (Class B), Add	*31.06*	
		For 4" Or 6" WG (Class A), Add	*66.25*	
		For 10" WG (Class A), Add	*95.24*	
		For Work In Restricted Working Space, Add	*62.11*	
23 31 13 13-0815	LF	74" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	293.65	125.83
		For 3" WG (Class B), Add	*31.46*	
		For 4" Or 6" WG (Class A), Add	*67.11*	
		For 10" WG (Class A), Add	*96.48*	
		For Work In Restricted Working Space, Add	*62.92*	
23 31 13 13-0816	LF	74" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	297.41	127.44
		For 3" WG (Class B), Add	*31.86*	
		For 4" Or 6" WG (Class A), Add	*67.97*	
		For 10" WG (Class A), Add	*97.71*	
		For Work In Restricted Working Space, Add	*63.72*	
23 31 13 13-0817	LF	76" x 76", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	286.12	122.61
		For 3" WG (Class B), Add	*30.65*	
		For 4" Or 6" WG (Class A), Add	*65.39*	
		For 10" WG (Class A), Add	*94.00*	
		For Work In Restricted Working Space, Add	*61.31*	
23 31 13 13-0818	LF	76" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	289.90	124.22
		For 3" WG (Class B), Add	*31.06*	
		For 4" Or 6" WG (Class A), Add	*66.25*	
		For 10" WG (Class A), Add	*95.24*	
		For Work In Restricted Working Space, Add	*62.11*	
23 31 13 13-0819	LF	76" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	293.65	125.83
		For 3" WG (Class B), Add	*31.46*	
		For 4" Or 6" WG (Class A), Add	*67.11*	
		For 10" WG (Class A), Add	*96.48*	
		For Work In Restricted Working Space, Add	*62.92*	
23 31 13 13-0820	LF	76" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	297.41	127.44
		For 3" WG (Class B), Add	*31.86*	
		For 4" Or 6" WG (Class A), Add	*67.97*	
		For 10" WG (Class A), Add	*97.71*	
		For Work In Restricted Working Space, Add	*63.72*	
23 31 13 13-0821	LF	76" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	301.16	129.06
		For 3" WG (Class B), Add	*32.27*	
		For 4" Or 6" WG (Class A), Add	*68.83*	
		For 10" WG (Class A), Add	*98.95*	
		For Work In Restricted Working Space, Add	*64.53*	
23 31 13 13-0822	LF	78" x 78", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	293.65	125.83
		For 3" WG (Class B), Add	*31.46*	
		For 4" Or 6" WG (Class A), Add	*67.11*	
		For 10" WG (Class A), Add	*96.48*	
		For Work In Restricted Working Space, Add	*62.92*	
23 31 13 13-0823	LF	78" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	297.41	127.44
		For 3" WG (Class B), Add	*31.86*	
		For 4" Or 6" WG (Class A), Add	*67.97*	
		For 10" WG (Class A), Add	*97.71*	
		For Work In Restricted Working Space, Add	*63.72*	
23 31 13 13-0824	LF	78" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	301.16	129.06
		For 3" WG (Class B), Add	*32.27*	
		For 4" Or 6" WG (Class A), Add	*68.83*	
		For 10" WG (Class A), Add	*98.95*	
		For Work In Restricted Working Space, Add	*64.53*	
23 31 13 13-0825	LF	78" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	304.94	130.68
		For 3" WG (Class B), Add	*32.67*	
		For 4" Or 6" WG (Class A), Add	*69.69*	
		For 10" WG (Class A), Add	*100.18*	
		For Work In Restricted Working Space, Add	*65.34*	
23 31 13 13-0826	LF	80" x 80", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	301.16	129.06
		For 3" WG (Class B), Add	*32.27*	
		For 4" Or 6" WG (Class A), Add	*68.83*	
		For 10" WG (Class A), Add	*98.95*	
		For Work In Restricted Working Space, Add	*64.53*	
23 31 13 13-0827	LF	80" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	304.94	130.68
		For 3" WG (Class B), Add	*32.67*	
		For 4" Or 6" WG (Class A), Add	*69.69*	
		For 10" WG (Class A), Add	*100.18*	
		For Work In Restricted Working Space, Add	*65.34*	
23 31 13 13-0828	LF	80" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	308.71	132.29
		For 3" WG (Class B), Add	*33.07*	
		For 4" Or 6" WG (Class A), Add	*70.55*	
		For 10" WG (Class A), Add	*101.42*	
		For Work In Restricted Working Space, Add	*66.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0829	LF	82" x 82", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	308.71	132.29
		For 3" WG (Class B), Add	*33.07*	
		For 4" Or 6" WG (Class A), Add	*70.55*	
		For 10" WG (Class A), Add	*101.42*	
		For Work In Restricted Working Space, Add	*66.14*	
23 31 13 13-0830	LF	82" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	312.47	133.90
		For 3" WG (Class B), Add	*33.48*	
		For 4" Or 6" WG (Class A), Add	*71.41*	
		For 10" WG (Class A), Add	*102.66*	
		For Work In Restricted Working Space, Add	*66.95*	
23 31 13 13-0831	LF	84" x 84", Up To 2" WG (Class C), 20 Gauge Galvanized Steel Sheet Metal Ductwork	316.23	135.52
		For 3" WG (Class B), Add	*33.88*	
		For 4" Or 6" WG (Class A), Add	*72.27*	
		For 10" WG (Class A), Add	*103.89*	
		For Work In Restricted Working Space, Add	*67.76*	

23 31 13 13-0832 18 Gauge Galvanized Steel Metal Ductwork *(23 31 13 13-0014)*

23 31 13 13-0833	LF	4" x 4", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	19.61	8.41
		For 3" WG (Class B), Add	*2.10*	
		For 4" Or 6" WG (Class A), Add	*4.48*	
		For 10" WG (Class A), Add	*6.44*	
		For Work In Restricted Working Space, Add	*4.20*	
23 31 13 13-0834	LF	4" x 6", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	24.51	10.50
		For 3" WG (Class B), Add	*2.63*	
		For 4" Or 6" WG (Class A), Add	*5.60*	
		For 10" WG (Class A), Add	*8.05*	
		For Work In Restricted Working Space, Add	*5.25*	
23 31 13 13-0835	LF	4" x 8", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	29.40	12.60
		For 3" WG (Class B), Add	*3.15*	
		For 4" Or 6" WG (Class A), Add	*6.72*	
		For 10" WG (Class A), Add	*9.66*	
		For Work In Restricted Working Space, Add	*6.30*	
23 31 13 13-0836	LF	4" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	34.30	14.70
		For 3" WG (Class B), Add	*3.68*	
		For 4" Or 6" WG (Class A), Add	*7.84*	
		For 10" WG (Class A), Add	*11.27*	
		For Work In Restricted Working Space, Add	*7.35*	
23 31 13 13-0837	LF	4" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	39.22	16.80
		For 3" WG (Class B), Add	*4.20*	
		For 4" Or 6" WG (Class A), Add	*8.96*	
		For 10" WG (Class A), Add	*12.88*	
		For Work In Restricted Working Space, Add	*8.40*	
23 31 13 13-0838	LF	4" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	44.11	18.91
		For 3" WG (Class B), Add	*4.73*	
		For 4" Or 6" WG (Class A), Add	*10.08*	
		For 10" WG (Class A), Add	*14.49*	
		For Work In Restricted Working Space, Add	*9.45*	
23 31 13 13-0839	LF	4" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	49.01	21.00
		For 3" WG (Class B), Add	*5.25*	
		For 4" Or 6" WG (Class A), Add	*11.20*	
		For 10" WG (Class A), Add	*16.10*	
		For Work In Restricted Working Space, Add	*10.50*	
23 31 13 13-0840	LF	6" x 6", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	29.40	12.60
		For 3" WG (Class B), Add	*3.15*	
		For 4" Or 6" WG (Class A), Add	*6.72*	
		For 10" WG (Class A), Add	*9.66*	
		For Work In Restricted Working Space, Add	*6.30*	
23 31 13 13-0841	LF	6" x 8", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	34.30	14.70
		For 3" WG (Class B), Add	*3.68*	
		For 4" Or 6" WG (Class A), Add	*7.84*	
		For 10" WG (Class A), Add	*11.27*	
		For Work In Restricted Working Space, Add	*7.35*	
23 31 13 13-0842	LF	6" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	39.22	16.80
		For 3" WG (Class B), Add	*4.20*	
		For 4" Or 6" WG (Class A), Add	*8.96*	
		For 10" WG (Class A), Add	*12.88*	
		For Work In Restricted Working Space, Add	*8.40*	
23 31 13 13-0843	LF	6" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	44.11	18.91
		For 3" WG (Class B), Add	*4.73*	
		For 4" Or 6" WG (Class A), Add	*10.08*	
		For 10" WG (Class A), Add	*14.49*	
		For Work In Restricted Working Space, Add	*9.45*	
23 31 13 13-0844	LF	6" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	49.01	21.00
		For 3" WG (Class B), Add	*5.25*	
		For 4" Or 6" WG (Class A), Add	*11.20*	
		For 10" WG (Class A), Add	*16.10*	
		For Work In Restricted Working Space, Add	*10.50*	
23 31 13 13-0845	LF	6" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	53.91	23.10
		For 3" WG (Class B), Add	*5.78*	
		For 4" Or 6" WG (Class A), Add	*12.32*	
		For 10" WG (Class A), Add	*17.71*	
		For Work In Restricted Working Space, Add	*11.55*	
23 31 13 13-0846	LF	8" x 8", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	39.22	16.80
		For 3" WG (Class B), Add	*4.20*	
		For 4" Or 6" WG (Class A), Add	*8.96*	
		For 10" WG (Class A), Add	*12.88*	
		For Work In Restricted Working Space, Add	*8.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0847	LF	8" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	44.11	18.91
		For 3" WG (Class B), Add	*4.73*	
		For 4" Or 6" WG (Class A), Add	*10.08*	
		For 10" WG (Class A), Add	*14.49*	
		For Work In Restricted Working Space, Add	*9.45*	
23 31 13 13-0848	LF	8" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	49.01	21.00
		For 3" WG (Class B), Add	*5.25*	
		For 4" Or 6" WG (Class A), Add	*11.20*	
		For 10" WG (Class A), Add	*16.10*	
		For Work In Restricted Working Space, Add	*10.50*	
23 31 13 13-0849	LF	8" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	53.91	23.10
		For 3" WG (Class B), Add	*5.78*	
		For 4" Or 6" WG (Class A), Add	*12.32*	
		For 10" WG (Class A), Add	*17.71*	
		For Work In Restricted Working Space, Add	*11.55*	
23 31 13 13-0850	LF	8" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	58.81	25.21
		For 3" WG (Class B), Add	*6.30*	
		For 4" Or 6" WG (Class A), Add	*13.44*	
		For 10" WG (Class A), Add	*19.32*	
		For Work In Restricted Working Space, Add	*12.60*	
23 31 13 13-0851	LF	8" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	63.72	27.30
		For 3" WG (Class B), Add	*6.83*	
		For 4" Or 6" WG (Class A), Add	*14.56*	
		For 10" WG (Class A), Add	*20.93*	
		For Work In Restricted Working Space, Add	*13.65*	
23 31 13 13-0852	LF	8" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	68.62	29.41
		For 3" WG (Class B), Add	*7.35*	
		For 4" Or 6" WG (Class A), Add	*15.68*	
		For 10" WG (Class A), Add	*22.54*	
		For Work In Restricted Working Space, Add	*14.70*	
23 31 13 13-0853	LF	8" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	73.52	31.50
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.80*	
		For 10" WG (Class A), Add	*24.15*	
		For Work In Restricted Working Space, Add	*15.75*	
23 31 13 13-0854	LF	8" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	78.42	33.61
		For 3" WG (Class B), Add	*8.40*	
		For 4" Or 6" WG (Class A), Add	*17.92*	
		For 10" WG (Class A), Add	*25.76*	
		For Work In Restricted Working Space, Add	*16.80*	
23 31 13 13-0855	LF	10" x 10", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	49.01	21.00
		For 3" WG (Class B), Add	*5.25*	
		For 4" Or 6" WG (Class A), Add	*11.20*	
		For 10" WG (Class A), Add	*16.10*	
		For Work In Restricted Working Space, Add	*10.50*	
23 31 13 13-0856	LF	10" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	53.91	23.10
		For 3" WG (Class B), Add	*5.78*	
		For 4" Or 6" WG (Class A), Add	*12.32*	
		For 10" WG (Class A), Add	*17.71*	
		For Work In Restricted Working Space, Add	*11.55*	
23 31 13 13-0857	LF	10" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	58.81	25.21
		For 3" WG (Class B), Add	*6.30*	
		For 4" Or 6" WG (Class A), Add	*13.44*	
		For 10" WG (Class A), Add	*19.32*	
		For Work In Restricted Working Space, Add	*12.60*	
23 31 13 13-0858	LF	10" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	63.72	27.30
		For 3" WG (Class B), Add	*6.83*	
		For 4" Or 6" WG (Class A), Add	*14.56*	
		For 10" WG (Class A), Add	*20.93*	
		For Work In Restricted Working Space, Add	*13.65*	
23 31 13 13-0859	LF	10" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	68.62	29.41
		For 3" WG (Class B), Add	*7.35*	
		For 4" Or 6" WG (Class A), Add	*15.68*	
		For 10" WG (Class A), Add	*22.54*	
		For Work In Restricted Working Space, Add	*14.70*	
23 31 13 13-0860	LF	10" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	73.52	31.50
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.80*	
		For 10" WG (Class A), Add	*24.15*	
		For Work In Restricted Working Space, Add	*15.75*	
23 31 13 13-0861	LF	10" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	78.42	33.61
		For 3" WG (Class B), Add	*8.40*	
		For 4" Or 6" WG (Class A), Add	*17.92*	
		For 10" WG (Class A), Add	*25.76*	
		For Work In Restricted Working Space, Add	*16.80*	
23 31 13 13-0862	LF	10" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	83.31	35.71
		For 3" WG (Class B), Add	*8.93*	
		For 4" Or 6" WG (Class A), Add	*19.04*	
		For 10" WG (Class A), Add	*27.37*	
		For Work In Restricted Working Space, Add	*17.85*	
23 31 13 13-0863	LF	10" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	88.23	37.80
		For 3" WG (Class B), Add	*9.45*	
		For 4" Or 6" WG (Class A), Add	*20.16*	
		For 10" WG (Class A), Add	*28.98*	
		For Work In Restricted Working Space, Add	*18.90*	
23 31 13 13-0864	LF	10" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	93.14	39.91
		For 3" WG (Class B), Add	*9.98*	
		For 4" Or 6" WG (Class A), Add	*21.29*	
		For 10" WG (Class A), Add	*30.60*	
		For Work In Restricted Working Space, Add	*19.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0865	LF	10" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	98.02	42.01
		For 3" WG (Class B), Add	*10.50*	
		For 4" Or 6" WG (Class A), Add	*22.40*	
		For 10" WG (Class A), Add	*32.20*	
		For Work In Restricted Working Space, Add	*21.00*	
23 31 13 13-0866	LF	10" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	102.92	44.11
		For 3" WG (Class B), Add	*11.03*	
		For 4" Or 6" WG (Class A), Add	*23.52*	
		For 10" WG (Class A), Add	*33.81*	
		For Work In Restricted Working Space, Add	*22.05*	
23 31 13 13-0867	LF	12" x 12", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	58.81	25.21
		For 3" WG (Class B), Add	*6.30*	
		For 4" Or 6" WG (Class A), Add	*13.44*	
		For 10" WG (Class A), Add	*19.32*	
		For Work In Restricted Working Space, Add	*12.60*	
23 31 13 13-0868	LF	12" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	63.72	27.30
		For 3" WG (Class B), Add	*6.83*	
		For 4" Or 6" WG (Class A), Add	*14.56*	
		For 10" WG (Class A), Add	*20.93*	
		For Work In Restricted Working Space, Add	*13.65*	
23 31 13 13-0869	LF	12" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	68.62	29.41
		For 3" WG (Class B), Add	*7.35*	
		For 4" Or 6" WG (Class A), Add	*15.68*	
		For 10" WG (Class A), Add	*22.54*	
		For Work In Restricted Working Space, Add	*14.70*	
23 31 13 13-0870	LF	12" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	73.52	31.50
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.80*	
		For 10" WG (Class A), Add	*24.15*	
		For Work In Restricted Working Space, Add	*15.75*	
23 31 13 13-0871	LF	12" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	78.42	33.61
		For 3" WG (Class B), Add	*8.40*	
		For 4" Or 6" WG (Class A), Add	*17.92*	
		For 10" WG (Class A), Add	*25.76*	
		For Work In Restricted Working Space, Add	*16.80*	
23 31 13 13-0872	LF	12" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	83.31	35.71
		For 3" WG (Class B), Add	*8.93*	
		For 4" Or 6" WG (Class A), Add	*19.04*	
		For 10" WG (Class A), Add	*27.37*	
		For Work In Restricted Working Space, Add	*17.85*	
23 31 13 13-0873	LF	12" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	88.23	37.80
		For 3" WG (Class B), Add	*9.45*	
		For 4" Or 6" WG (Class A), Add	*20.16*	
		For 10" WG (Class A), Add	*28.98*	
		For Work In Restricted Working Space, Add	*18.90*	
23 31 13 13-0874	LF	12" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	93.14	39.91
		For 3" WG (Class B), Add	*9.98*	
		For 4" Or 6" WG (Class A), Add	*21.29*	
		For 10" WG (Class A), Add	*30.60*	
		For Work In Restricted Working Space, Add	*19.96*	
23 31 13 13-0875	LF	12" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	98.02	42.01
		For 3" WG (Class B), Add	*10.50*	
		For 4" Or 6" WG (Class A), Add	*22.40*	
		For 10" WG (Class A), Add	*32.20*	
		For Work In Restricted Working Space, Add	*21.00*	
23 31 13 13-0876	LF	12" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	102.92	44.11
		For 3" WG (Class B), Add	*11.03*	
		For 4" Or 6" WG (Class A), Add	*23.52*	
		For 10" WG (Class A), Add	*33.81*	
		For Work In Restricted Working Space, Add	*22.05*	
23 31 13 13-0877	LF	12" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	107.83	46.21
		For 3" WG (Class B), Add	*11.55*	
		For 4" Or 6" WG (Class A), Add	*24.65*	
		For 10" WG (Class A), Add	*35.43*	
		For Work In Restricted Working Space, Add	*23.11*	
23 31 13 13-0878	LF	12" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	112.73	48.30
		For 3" WG (Class B), Add	*12.08*	
		For 4" Or 6" WG (Class A), Add	*25.76*	
		For 10" WG (Class A), Add	*37.03*	
		For Work In Restricted Working Space, Add	*24.15*	
23 31 13 13-0879	LF	12" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	117.63	50.41
		For 3" WG (Class B), Add	*12.60*	
		For 4" Or 6" WG (Class A), Add	*26.88*	
		For 10" WG (Class A), Add	*38.64*	
		For Work In Restricted Working Space, Add	*25.20*	
23 31 13 13-0880	LF	14" x 14", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	68.62	29.41
		For 3" WG (Class B), Add	*7.35*	
		For 4" Or 6" WG (Class A), Add	*15.68*	
		For 10" WG (Class A), Add	*22.54*	
		For Work In Restricted Working Space, Add	*14.70*	
23 31 13 13-0881	LF	14" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	73.52	31.50
		For 3" WG (Class B), Add	*7.88*	
		For 4" Or 6" WG (Class A), Add	*16.80*	
		For 10" WG (Class A), Add	*24.15*	
		For Work In Restricted Working Space, Add	*15.75*	
23 31 13 13-0882	LF	14" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	78.42	33.61
		For 3" WG (Class B), Add	*8.40*	
		For 4" Or 6" WG (Class A), Add	*17.92*	
		For 10" WG (Class A), Add	*25.76*	
		For Work In Restricted Working Space, Add	*16.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0883	LF	14" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	83.31	35.71
		For 3" WG (Class B), Add	*8.93*	
		For 4" Or 6" WG (Class A), Add	*19.04*	
		For 10" WG (Class A), Add	*27.37*	
		For Work In Restricted Working Space, Add	*17.85*	
23 31 13 13-0884	LF	14" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	88.23	37.80
		For 3" WG (Class B), Add	*9.45*	
		For 4" Or 6" WG (Class A), Add	*20.16*	
		For 10" WG (Class A), Add	*28.98*	
		For Work In Restricted Working Space, Add	*18.90*	
23 31 13 13-0885	LF	14" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	93.14	39.91
		For 3" WG (Class B), Add	*9.98*	
		For 4" Or 6" WG (Class A), Add	*21.29*	
		For 10" WG (Class A), Add	*30.60*	
		For Work In Restricted Working Space, Add	*19.96*	
23 31 13 13-0886	LF	14" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	98.02	42.01
		For 3" WG (Class B), Add	*10.50*	
		For 4" Or 6" WG (Class A), Add	*22.40*	
		For 10" WG (Class A), Add	*32.20*	
		For Work In Restricted Working Space, Add	*21.00*	
23 31 13 13-0887	LF	14" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	102.92	44.11
		For 3" WG (Class B), Add	*11.03*	
		For 4" Or 6" WG (Class A), Add	*23.52*	
		For 10" WG (Class A), Add	*33.81*	
		For Work In Restricted Working Space, Add	*22.05*	
23 31 13 13-0888	LF	14" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	107.83	46.21
		For 3" WG (Class B), Add	*11.55*	
		For 4" Or 6" WG (Class A), Add	*24.65*	
		For 10" WG (Class A), Add	*35.43*	
		For Work In Restricted Working Space, Add	*23.11*	
23 31 13 13-0889	LF	14" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	112.73	48.30
		For 3" WG (Class B), Add	*12.08*	
		For 4" Or 6" WG (Class A), Add	*25.76*	
		For 10" WG (Class A), Add	*37.03*	
		For Work In Restricted Working Space, Add	*24.15*	
23 31 13 13-0890	LF	14" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	117.63	50.41
		For 3" WG (Class B), Add	*12.60*	
		For 4" Or 6" WG (Class A), Add	*26.88*	
		For 10" WG (Class A), Add	*38.64*	
		For Work In Restricted Working Space, Add	*25.20*	
23 31 13 13-0891	LF	14" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	122.54	52.51
		For 3" WG (Class B), Add	*13.13*	
		For 4" Or 6" WG (Class A), Add	*28.01*	
		For 10" WG (Class A), Add	*40.26*	
		For Work In Restricted Working Space, Add	*26.26*	
23 31 13 13-0892	LF	16" x 16", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	78.42	33.61
		For 3" WG (Class B), Add	*8.40*	
		For 4" Or 6" WG (Class A), Add	*17.92*	
		For 10" WG (Class A), Add	*25.76*	
		For Work In Restricted Working Space, Add	*16.80*	
23 31 13 13-0893	LF	16" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	83.31	35.71
		For 3" WG (Class B), Add	*8.93*	
		For 4" Or 6" WG (Class A), Add	*19.04*	
		For 10" WG (Class A), Add	*27.37*	
		For Work In Restricted Working Space, Add	*17.85*	
23 31 13 13-0894	LF	16" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	88.23	37.80
		For 3" WG (Class B), Add	*9.45*	
		For 4" Or 6" WG (Class A), Add	*20.16*	
		For 10" WG (Class A), Add	*28.98*	
		For Work In Restricted Working Space, Add	*18.90*	
23 31 13 13-0895	LF	16" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	93.14	39.91
		For 3" WG (Class B), Add	*9.98*	
		For 4" Or 6" WG (Class A), Add	*21.29*	
		For 10" WG (Class A), Add	*30.60*	
		For Work In Restricted Working Space, Add	*19.96*	
23 31 13 13-0896	LF	16" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	98.02	42.01
		For 3" WG (Class B), Add	*10.50*	
		For 4" Or 6" WG (Class A), Add	*22.40*	
		For 10" WG (Class A), Add	*32.20*	
		For Work In Restricted Working Space, Add	*21.00*	
23 31 13 13-0897	LF	16" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	102.92	44.11
		For 3" WG (Class B), Add	*11.03*	
		For 4" Or 6" WG (Class A), Add	*23.52*	
		For 10" WG (Class A), Add	*33.81*	
		For Work In Restricted Working Space, Add	*22.05*	
23 31 13 13-0898	LF	16" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	107.83	46.21
		For 3" WG (Class B), Add	*11.55*	
		For 4" Or 6" WG (Class A), Add	*24.65*	
		For 10" WG (Class A), Add	*35.43*	
		For Work In Restricted Working Space, Add	*23.11*	
23 31 13 13-0899	LF	16" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	112.73	48.30
		For 3" WG (Class B), Add	*12.08*	
		For 4" Or 6" WG (Class A), Add	*25.76*	
		For 10" WG (Class A), Add	*37.03*	
		For Work In Restricted Working Space, Add	*24.15*	
23 31 13 13-0900	LF	16" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	117.63	50.41
		For 3" WG (Class B), Add	*12.60*	
		For 4" Or 6" WG (Class A), Add	*26.88*	
		For 10" WG (Class A), Add	*38.64*	
		For Work In Restricted Working Space, Add	*25.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0901	LF	16" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	122.54	52.51
		For 3" WG (Class B), Add	*13.13*	
		For 4" Or 6" WG (Class A), Add	*28.01*	
		For 10" WG (Class A), Add	*40.26*	
		For Work In Restricted Working Space, Add	*26.26*	
23 31 13 13-0902	LF	16" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	127.43	54.61
		For 3" WG (Class B), Add	*13.65*	
		For 4" Or 6" WG (Class A), Add	*29.13*	
		For 10" WG (Class A), Add	*41.87*	
		For Work In Restricted Working Space, Add	*27.31*	
23 31 13 13-0903	LF	16" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	132.32	56.71
		For 3" WG (Class B), Add	*14.18*	
		For 4" Or 6" WG (Class A), Add	*30.24*	
		For 10" WG (Class A), Add	*43.47*	
		For Work In Restricted Working Space, Add	*28.35*	
23 31 13 13-0904	LF	16" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	137.25	58.81
		For 3" WG (Class B), Add	*14.70*	
		For 4" Or 6" WG (Class A), Add	*31.37*	
		For 10" WG (Class A), Add	*45.09*	
		For Work In Restricted Working Space, Add	*29.41*	
23 31 13 13-0905	LF	16" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.14	60.91
		For 3" WG (Class B), Add	*15.23*	
		For 4" Or 6" WG (Class A), Add	*32.49*	
		For 10" WG (Class A), Add	*46.70*	
		For Work In Restricted Working Space, Add	*30.46*	
23 31 13 13-0906	LF	16" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	147.04	63.01
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.61*	
		For 10" WG (Class A), Add	*48.31*	
		For Work In Restricted Working Space, Add	*31.51*	
23 31 13 13-0907	LF	18" x 18", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	88.23	37.80
		For 3" WG (Class B), Add	*9.45*	
		For 4" Or 6" WG (Class A), Add	*20.16*	
		For 10" WG (Class A), Add	*28.98*	
		For Work In Restricted Working Space, Add	*18.90*	
23 31 13 13-0908	LF	18" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	93.14	39.91
		For 3" WG (Class B), Add	*9.98*	
		For 4" Or 6" WG (Class A), Add	*21.29*	
		For 10" WG (Class A), Add	*30.60*	
		For Work In Restricted Working Space, Add	*19.96*	
23 31 13 13-0909	LF	18" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	98.02	42.01
		For 3" WG (Class B), Add	*10.50*	
		For 4" Or 6" WG (Class A), Add	*22.40*	
		For 10" WG (Class A), Add	*32.20*	
		For Work In Restricted Working Space, Add	*21.00*	
23 31 13 13-0910	LF	18" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	102.92	44.11
		For 3" WG (Class B), Add	*11.03*	
		For 4" Or 6" WG (Class A), Add	*23.52*	
		For 10" WG (Class A), Add	*33.81*	
		For Work In Restricted Working Space, Add	*22.05*	
23 31 13 13-0911	LF	18" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	107.83	46.21
		For 3" WG (Class B), Add	*11.55*	
		For 4" Or 6" WG (Class A), Add	*24.65*	
		For 10" WG (Class A), Add	*35.43*	
		For Work In Restricted Working Space, Add	*23.11*	
23 31 13 13-0912	LF	18" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	112.73	48.30
		For 3" WG (Class B), Add	*12.08*	
		For 4" Or 6" WG (Class A), Add	*25.76*	
		For 10" WG (Class A), Add	*37.03*	
		For Work In Restricted Working Space, Add	*24.15*	
23 31 13 13-0913	LF	18" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	117.63	50.41
		For 3" WG (Class B), Add	*12.60*	
		For 4" Or 6" WG (Class A), Add	*26.88*	
		For 10" WG (Class A), Add	*38.64*	
		For Work In Restricted Working Space, Add	*25.20*	
23 31 13 13-0914	LF	18" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	122.54	52.51
		For 3" WG (Class B), Add	*13.13*	
		For 4" Or 6" WG (Class A), Add	*28.01*	
		For 10" WG (Class A), Add	*40.26*	
		For Work In Restricted Working Space, Add	*26.26*	
23 31 13 13-0915	LF	18" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	127.43	54.61
		For 3" WG (Class B), Add	*13.65*	
		For 4" Or 6" WG (Class A), Add	*29.13*	
		For 10" WG (Class A), Add	*41.87*	
		For Work In Restricted Working Space, Add	*27.31*	
23 31 13 13-0916	LF	18" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	132.32	56.71
		For 3" WG (Class B), Add	*14.18*	
		For 4" Or 6" WG (Class A), Add	*30.24*	
		For 10" WG (Class A), Add	*43.47*	
		For Work In Restricted Working Space, Add	*28.35*	
23 31 13 13-0917	LF	18" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	137.25	58.81
		For 3" WG (Class B), Add	*14.70*	
		For 4" Or 6" WG (Class A), Add	*31.37*	
		For 10" WG (Class A), Add	*45.09*	
		For Work In Restricted Working Space, Add	*29.41*	
23 31 13 13-0918	LF	18" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.14	60.91
		For 3" WG (Class B), Add	*15.23*	
		For 4" Or 6" WG (Class A), Add	*32.49*	
		For 10" WG (Class A), Add	*46.70*	
		For Work In Restricted Working Space, Add	*30.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0919	LF	18" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	147.04	63.01
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.61*	
		For 10" WG (Class A), Add	*48.31*	
		For Work In Restricted Working Space, Add	*31.51*	
23 31 13 13-0920	LF	18" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.94	65.12
		For 3" WG (Class B), Add	*16.28*	
		For 4" Or 6" WG (Class A), Add	*34.73*	
		For 10" WG (Class A), Add	*49.92*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0921	LF	18" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	156.86	67.21
		For 3" WG (Class B), Add	*16.80*	
		For 4" Or 6" WG (Class A), Add	*35.85*	
		For 10" WG (Class A), Add	*51.53*	
		For Work In Restricted Working Space, Add	*33.61*	
23 31 13 13-0922	LF	20" x 20", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	98.02	42.01
		For 3" WG (Class B), Add	*10.50*	
		For 4" Or 6" WG (Class A), Add	*22.40*	
		For 10" WG (Class A), Add	*32.20*	
		For Work In Restricted Working Space, Add	*21.00*	
23 31 13 13-0923	LF	20" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	102.92	44.11
		For 3" WG (Class B), Add	*11.03*	
		For 4" Or 6" WG (Class A), Add	*23.52*	
		For 10" WG (Class A), Add	*33.81*	
		For Work In Restricted Working Space, Add	*22.05*	
23 31 13 13-0924	LF	20" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	107.83	46.21
		For 3" WG (Class B), Add	*11.55*	
		For 4" Or 6" WG (Class A), Add	*24.65*	
		For 10" WG (Class A), Add	*35.43*	
		For Work In Restricted Working Space, Add	*23.11*	
23 31 13 13-0925	LF	20" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	112.73	48.30
		For 3" WG (Class B), Add	*12.08*	
		For 4" Or 6" WG (Class A), Add	*25.76*	
		For 10" WG (Class A), Add	*37.03*	
		For Work In Restricted Working Space, Add	*24.15*	
23 31 13 13-0926	LF	20" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	117.63	50.41
		For 3" WG (Class B), Add	*12.60*	
		For 4" Or 6" WG (Class A), Add	*26.88*	
		For 10" WG (Class A), Add	*38.64*	
		For Work In Restricted Working Space, Add	*25.20*	
23 31 13 13-0927	LF	20" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	122.54	52.51
		For 3" WG (Class B), Add	*13.13*	
		For 4" Or 6" WG (Class A), Add	*28.01*	
		For 10" WG (Class A), Add	*40.26*	
		For Work In Restricted Working Space, Add	*26.26*	
23 31 13 13-0928	LF	20" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	127.43	54.61
		For 3" WG (Class B), Add	*13.65*	
		For 4" Or 6" WG (Class A), Add	*29.13*	
		For 10" WG (Class A), Add	*41.87*	
		For Work In Restricted Working Space, Add	*27.31*	
23 31 13 13-0929	LF	20" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	132.32	56.71
		For 3" WG (Class B), Add	*14.18*	
		For 4" Or 6" WG (Class A), Add	*30.24*	
		For 10" WG (Class A), Add	*43.47*	
		For Work In Restricted Working Space, Add	*28.35*	
23 31 13 13-0930	LF	20" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	137.25	58.81
		For 3" WG (Class B), Add	*14.70*	
		For 4" Or 6" WG (Class A), Add	*31.37*	
		For 10" WG (Class A), Add	*45.09*	
		For Work In Restricted Working Space, Add	*29.41*	
23 31 13 13-0931	LF	20" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.14	60.91
		For 3" WG (Class B), Add	*15.23*	
		For 4" Or 6" WG (Class A), Add	*32.49*	
		For 10" WG (Class A), Add	*46.70*	
		For Work In Restricted Working Space, Add	*30.46*	
23 31 13 13-0932	LF	20" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	147.04	63.01
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.61*	
		For 10" WG (Class A), Add	*48.31*	
		For Work In Restricted Working Space, Add	*31.51*	
23 31 13 13-0933	LF	20" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.94	65.12
		For 3" WG (Class B), Add	*16.28*	
		For 4" Or 6" WG (Class A), Add	*34.73*	
		For 10" WG (Class A), Add	*49.92*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0934	LF	20" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	156.86	67.21
		For 3" WG (Class B), Add	*16.80*	
		For 4" Or 6" WG (Class A), Add	*35.85*	
		For 10" WG (Class A), Add	*51.53*	
		For Work In Restricted Working Space, Add	*33.61*	
23 31 13 13-0935	LF	20" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	161.75	69.31
		For 3" WG (Class B), Add	*17.33*	
		For 4" Or 6" WG (Class A), Add	*36.97*	
		For 10" WG (Class A), Add	*53.14*	
		For Work In Restricted Working Space, Add	*34.66*	
23 31 13 13-0936	LF	20" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	166.65	71.41
		For 3" WG (Class B), Add	*17.85*	
		For 4" Or 6" WG (Class A), Add	*38.09*	
		For 10" WG (Class A), Add	*54.75*	
		For Work In Restricted Working Space, Add	*35.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0937	LF	22" x 22", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	107.83	46.21
		For 3" WG (Class B), Add	*11.55*	
		For 4" Or 6" WG (Class A), Add	*24.65*	
		For 10" WG (Class A), Add	*35.43*	
		For Work In Restricted Working Space, Add	*23.11*	
23 31 13 13-0938	LF	22" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	112.73	48.30
		For 3" WG (Class B), Add	*12.08*	
		For 4" Or 6" WG (Class A), Add	*25.76*	
		For 10" WG (Class A), Add	*37.03*	
		For Work In Restricted Working Space, Add	*24.15*	
23 31 13 13-0939	LF	22" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	117.63	50.41
		For 3" WG (Class B), Add	*12.60*	
		For 4" Or 6" WG (Class A), Add	*26.88*	
		For 10" WG (Class A), Add	*38.64*	
		For Work In Restricted Working Space, Add	*25.20*	
23 31 13 13-0940	LF	22" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	122.54	52.51
		For 3" WG (Class B), Add	*13.13*	
		For 4" Or 6" WG (Class A), Add	*28.01*	
		For 10" WG (Class A), Add	*40.26*	
		For Work In Restricted Working Space, Add	*26.26*	
23 31 13 13-0941	LF	22" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	127.43	54.61
		For 3" WG (Class B), Add	*13.65*	
		For 4" Or 6" WG (Class A), Add	*29.13*	
		For 10" WG (Class A), Add	*41.87*	
		For Work In Restricted Working Space, Add	*27.31*	
23 31 13 13-0942	LF	22" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	132.32	56.71
		For 3" WG (Class B), Add	*14.18*	
		For 4" Or 6" WG (Class A), Add	*30.24*	
		For 10" WG (Class A), Add	*43.47*	
		For Work In Restricted Working Space, Add	*28.35*	
23 31 13 13-0943	LF	22" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	137.25	58.81
		For 3" WG (Class B), Add	*14.70*	
		For 4" Or 6" WG (Class A), Add	*31.37*	
		For 10" WG (Class A), Add	*45.09*	
		For Work In Restricted Working Space, Add	*29.41*	
23 31 13 13-0944	LF	22" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.14	60.91
		For 3" WG (Class B), Add	*15.23*	
		For 4" Or 6" WG (Class A), Add	*32.49*	
		For 10" WG (Class A), Add	*46.70*	
		For Work In Restricted Working Space, Add	*30.46*	
23 31 13 13-0945	LF	22" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	147.04	63.01
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.61*	
		For 10" WG (Class A), Add	*48.31*	
		For Work In Restricted Working Space, Add	*31.51*	
23 31 13 13-0946	LF	22" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.94	65.12
		For 3" WG (Class B), Add	*16.28*	
		For 4" Or 6" WG (Class A), Add	*34.73*	
		For 10" WG (Class A), Add	*49.92*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0947	LF	22" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	156.86	67.21
		For 3" WG (Class B), Add	*16.80*	
		For 4" Or 6" WG (Class A), Add	*35.85*	
		For 10" WG (Class A), Add	*51.53*	
		For Work In Restricted Working Space, Add	*33.61*	
23 31 13 13-0948	LF	22" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	161.75	69.31
		For 3" WG (Class B), Add	*17.33*	
		For 4" Or 6" WG (Class A), Add	*36.97*	
		For 10" WG (Class A), Add	*53.14*	
		For Work In Restricted Working Space, Add	*34.66*	
23 31 13 13-0949	LF	22" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	166.65	71.41
		For 3" WG (Class B), Add	*17.85*	
		For 4" Or 6" WG (Class A), Add	*38.09*	
		For 10" WG (Class A), Add	*54.75*	
		For Work In Restricted Working Space, Add	*35.71*	
23 31 13 13-0950	LF	22" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	171.54	73.51
		For 3" WG (Class B), Add	*18.38*	
		For 4" Or 6" WG (Class A), Add	*39.21*	
		For 10" WG (Class A), Add	*56.36*	
		For Work In Restricted Working Space, Add	*36.76*	
23 31 13 13-0951	LF	24" x 24", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	117.63	50.41
		For 3" WG (Class B), Add	*12.60*	
		For 4" Or 6" WG (Class A), Add	*26.88*	
		For 10" WG (Class A), Add	*38.64*	
		For Work In Restricted Working Space, Add	*25.20*	
23 31 13 13-0952	LF	24" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	122.54	52.51
		For 3" WG (Class B), Add	*13.13*	
		For 4" Or 6" WG (Class A), Add	*28.01*	
		For 10" WG (Class A), Add	*40.26*	
		For Work In Restricted Working Space, Add	*26.26*	
23 31 13 13-0953	LF	24" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	127.43	54.61
		For 3" WG (Class B), Add	*13.65*	
		For 4" Or 6" WG (Class A), Add	*29.13*	
		For 10" WG (Class A), Add	*41.87*	
		For Work In Restricted Working Space, Add	*27.31*	
23 31 13 13-0954	LF	24" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	132.32	56.71
		For 3" WG (Class B), Add	*14.18*	
		For 4" Or 6" WG (Class A), Add	*30.24*	
		For 10" WG (Class A), Add	*43.47*	
		For Work In Restricted Working Space, Add	*28.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0955	LF	24" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	137.25	58.81
		For 3" WG (Class B), Add	*14.70*	
		For 4" Or 6" WG (Class A), Add	*31.37*	
		For 10" WG (Class A), Add	*45.09*	
		For Work In Restricted Working Space, Add	*29.41*	
23 31 13 13-0956	LF	24" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.14	60.91
		For 3" WG (Class B), Add	*15.23*	
		For 4" Or 6" WG (Class A), Add	*32.49*	
		For 10" WG (Class A), Add	*46.70*	
		For Work In Restricted Working Space, Add	*30.46*	
23 31 13 13-0957	LF	24" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	147.04	63.01
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.61*	
		For 10" WG (Class A), Add	*48.31*	
		For Work In Restricted Working Space, Add	*31.51*	
23 31 13 13-0958	LF	24" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.94	65.12
		For 3" WG (Class B), Add	*16.28*	
		For 4" Or 6" WG (Class A), Add	*34.73*	
		For 10" WG (Class A), Add	*49.92*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0959	LF	24" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	156.86	67.21
		For 3" WG (Class B), Add	*16.80*	
		For 4" Or 6" WG (Class A), Add	*35.85*	
		For 10" WG (Class A), Add	*51.53*	
		For Work In Restricted Working Space, Add	*33.61*	
23 31 13 13-0960	LF	24" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	161.75	69.31
		For 3" WG (Class B), Add	*17.33*	
		For 4" Or 6" WG (Class A), Add	*36.97*	
		For 10" WG (Class A), Add	*53.14*	
		For Work In Restricted Working Space, Add	*34.66*	
23 31 13 13-0961	LF	24" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	166.65	71.41
		For 3" WG (Class B), Add	*17.85*	
		For 4" Or 6" WG (Class A), Add	*38.09*	
		For 10" WG (Class A), Add	*54.75*	
		For Work In Restricted Working Space, Add	*35.71*	
23 31 13 13-0962	LF	24" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	171.54	73.51
		For 3" WG (Class B), Add	*18.38*	
		For 4" Or 6" WG (Class A), Add	*39.21*	
		For 10" WG (Class A), Add	*56.36*	
		For Work In Restricted Working Space, Add	*36.76*	
23 31 13 13-0963	LF	24" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	176.44	75.62
		For 3" WG (Class B), Add	*18.90*	
		For 4" Or 6" WG (Class A), Add	*40.33*	
		For 10" WG (Class A), Add	*57.97*	
		For Work In Restricted Working Space, Add	*37.81*	
23 31 13 13-0964	LF	26" x 26", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	127.43	54.61
		For 3" WG (Class B), Add	*13.65*	
		For 4" Or 6" WG (Class A), Add	*29.13*	
		For 10" WG (Class A), Add	*41.87*	
		For Work In Restricted Working Space, Add	*27.31*	
23 31 13 13-0965	LF	26" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	132.32	56.71
		For 3" WG (Class B), Add	*14.18*	
		For 4" Or 6" WG (Class A), Add	*30.24*	
		For 10" WG (Class A), Add	*43.47*	
		For Work In Restricted Working Space, Add	*28.35*	
23 31 13 13-0966	LF	26" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	137.25	58.81
		For 3" WG (Class B), Add	*14.70*	
		For 4" Or 6" WG (Class A), Add	*31.37*	
		For 10" WG (Class A), Add	*45.09*	
		For Work In Restricted Working Space, Add	*29.41*	
23 31 13 13-0967	LF	26" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.14	60.91
		For 3" WG (Class B), Add	*15.23*	
		For 4" Or 6" WG (Class A), Add	*32.49*	
		For 10" WG (Class A), Add	*46.70*	
		For Work In Restricted Working Space, Add	*30.46*	
23 31 13 13-0968	LF	26" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	147.04	63.01
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.61*	
		For 10" WG (Class A), Add	*48.31*	
		For Work In Restricted Working Space, Add	*31.51*	
23 31 13 13-0969	LF	26" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.94	65.12
		For 3" WG (Class B), Add	*16.28*	
		For 4" Or 6" WG (Class A), Add	*34.73*	
		For 10" WG (Class A), Add	*49.92*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0970	LF	26" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	156.86	67.21
		For 3" WG (Class B), Add	*16.80*	
		For 4" Or 6" WG (Class A), Add	*35.85*	
		For 10" WG (Class A), Add	*51.53*	
		For Work In Restricted Working Space, Add	*33.61*	
23 31 13 13-0971	LF	26" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	161.75	69.31
		For 3" WG (Class B), Add	*17.33*	
		For 4" Or 6" WG (Class A), Add	*36.97*	
		For 10" WG (Class A), Add	*53.14*	
		For Work In Restricted Working Space, Add	*34.66*	
23 31 13 13-0972	LF	26" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	166.65	71.41
		For 3" WG (Class B), Add	*17.85*	
		For 4" Or 6" WG (Class A), Add	*38.09*	
		For 10" WG (Class A), Add	*54.75*	
		For Work In Restricted Working Space, Add	*35.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0973	LF	26" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	171.54	73.51
		For 3" WG (Class B), Add	*18.38*	
		For 4" Or 6" WG (Class A), Add	*39.21*	
		For 10" WG (Class A), Add	*56.36*	
		For Work In Restricted Working Space, Add	*36.76*	
23 31 13 13-0974	LF	26" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	176.44	75.62
		For 3" WG (Class B), Add	*18.90*	
		For 4" Or 6" WG (Class A), Add	*40.33*	
		For 10" WG (Class A), Add	*57.97*	
		For Work In Restricted Working Space, Add	*37.81*	
23 31 13 13-0975	LF	26" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	181.37	77.71
		For 3" WG (Class B), Add	*19.43*	
		For 4" Or 6" WG (Class A), Add	*41.45*	
		For 10" WG (Class A), Add	*59.58*	
		For Work In Restricted Working Space, Add	*38.86*	
23 31 13 13-0976	LF	28" x 28", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	137.25	58.81
		For 3" WG (Class B), Add	*14.70*	
		For 4" Or 6" WG (Class A), Add	*31.37*	
		For 10" WG (Class A), Add	*45.09*	
		For Work In Restricted Working Space, Add	*29.41*	
23 31 13 13-0977	LF	28" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	142.14	60.91
		For 3" WG (Class B), Add	*15.23*	
		For 4" Or 6" WG (Class A), Add	*32.49*	
		For 10" WG (Class A), Add	*46.70*	
		For Work In Restricted Working Space, Add	*30.46*	
23 31 13 13-0978	LF	28" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	147.04	63.01
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.61*	
		For 10" WG (Class A), Add	*48.31*	
		For Work In Restricted Working Space, Add	*31.51*	
23 31 13 13-0979	LF	28" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.94	65.12
		For 3" WG (Class B), Add	*16.28*	
		For 4" Or 6" WG (Class A), Add	*34.73*	
		For 10" WG (Class A), Add	*49.92*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0980	LF	28" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	156.86	67.21
		For 3" WG (Class B), Add	*16.80*	
		For 4" Or 6" WG (Class A), Add	*35.85*	
		For 10" WG (Class A), Add	*51.53*	
		For Work In Restricted Working Space, Add	*33.61*	
23 31 13 13-0981	LF	28" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	161.75	69.31
		For 3" WG (Class B), Add	*17.33*	
		For 4" Or 6" WG (Class A), Add	*36.97*	
		For 10" WG (Class A), Add	*53.14*	
		For Work In Restricted Working Space, Add	*34.66*	
23 31 13 13-0982	LF	28" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	166.65	71.41
		For 3" WG (Class B), Add	*17.85*	
		For 4" Or 6" WG (Class A), Add	*38.09*	
		For 10" WG (Class A), Add	*54.75*	
		For Work In Restricted Working Space, Add	*35.71*	
23 31 13 13-0983	LF	28" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	171.54	73.51
		For 3" WG (Class B), Add	*18.38*	
		For 4" Or 6" WG (Class A), Add	*39.21*	
		For 10" WG (Class A), Add	*56.36*	
		For Work In Restricted Working Space, Add	*36.76*	
23 31 13 13-0984	LF	28" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	176.44	75.62
		For 3" WG (Class B), Add	*18.90*	
		For 4" Or 6" WG (Class A), Add	*40.33*	
		For 10" WG (Class A), Add	*57.97*	
		For Work In Restricted Working Space, Add	*37.81*	
23 31 13 13-0985	LF	28" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	181.37	77.71
		For 3" WG (Class B), Add	*19.43*	
		For 4" Or 6" WG (Class A), Add	*41.45*	
		For 10" WG (Class A), Add	*59.58*	
		For Work In Restricted Working Space, Add	*38.86*	
23 31 13 13-0986	LF	28" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.26	79.81
		For 3" WG (Class B), Add	*19.95*	
		For 4" Or 6" WG (Class A), Add	*42.57*	
		For 10" WG (Class A), Add	*61.19*	
		For Work In Restricted Working Space, Add	*39.91*	
23 31 13 13-0987	LF	30" x 30", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	147.04	63.01
		For 3" WG (Class B), Add	*15.75*	
		For 4" Or 6" WG (Class A), Add	*33.61*	
		For 10" WG (Class A), Add	*48.31*	
		For Work In Restricted Working Space, Add	*31.51*	
23 31 13 13-0988	LF	30" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	151.94	65.12
		For 3" WG (Class B), Add	*16.28*	
		For 4" Or 6" WG (Class A), Add	*34.73*	
		For 10" WG (Class A), Add	*49.92*	
		For Work In Restricted Working Space, Add	*32.56*	
23 31 13 13-0989	LF	30" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	156.86	67.21
		For 3" WG (Class B), Add	*16.80*	
		For 4" Or 6" WG (Class A), Add	*35.85*	
		For 10" WG (Class A), Add	*51.53*	
		For Work In Restricted Working Space, Add	*33.61*	
23 31 13 13-0990	LF	30" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	161.75	69.31
		For 3" WG (Class B), Add	*17.33*	
		For 4" Or 6" WG (Class A), Add	*36.97*	
		For 10" WG (Class A), Add	*53.14*	
		For Work In Restricted Working Space, Add	*34.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0991	LF	30" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	166.65	71.41
		For 3" WG (Class B), Add	*17.85*	
		For 4" Or 6" WG (Class A), Add	*38.09*	
		For 10" WG (Class A), Add	*54.75*	
		For Work In Restricted Working Space, Add	*35.71*	
23 31 13 13-0992	LF	30" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	171.54	73.51
		For 3" WG (Class B), Add	*18.38*	
		For 4" Or 6" WG (Class A), Add	*39.21*	
		For 10" WG (Class A), Add	*56.36*	
		For Work In Restricted Working Space, Add	*36.76*	
23 31 13 13-0993	LF	30" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	176.44	75.62
		For 3" WG (Class B), Add	*18.90*	
		For 4" Or 6" WG (Class A), Add	*40.33*	
		For 10" WG (Class A), Add	*57.97*	
		For Work In Restricted Working Space, Add	*37.81*	
23 31 13 13-0994	LF	30" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	181.37	77.71
		For 3" WG (Class B), Add	*19.43*	
		For 4" Or 6" WG (Class A), Add	*41.45*	
		For 10" WG (Class A), Add	*59.58*	
		For Work In Restricted Working Space, Add	*38.86*	
23 31 13 13-0995	LF	30" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.26	79.81
		For 3" WG (Class B), Add	*19.95*	
		For 4" Or 6" WG (Class A), Add	*42.57*	
		For 10" WG (Class A), Add	*61.19*	
		For Work In Restricted Working Space, Add	*39.91*	
23 31 13 13-0996	LF	30" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	191.15	81.92
		For 3" WG (Class B), Add	*20.48*	
		For 4" Or 6" WG (Class A), Add	*43.69*	
		For 10" WG (Class A), Add	*62.80*	
		For Work In Restricted Working Space, Add	*40.96*	
23 31 13 13-0997	LF	32" x 32", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	156.86	67.21
		For 3" WG (Class B), Add	*16.80*	
		For 4" Or 6" WG (Class A), Add	*35.85*	
		For 10" WG (Class A), Add	*51.53*	
		For Work In Restricted Working Space, Add	*33.61*	
23 31 13 13-0998	LF	32" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	161.75	69.31
		For 3" WG (Class B), Add	*17.33*	
		For 4" Or 6" WG (Class A), Add	*36.97*	
		For 10" WG (Class A), Add	*53.14*	
		For Work In Restricted Working Space, Add	*34.66*	
23 31 13 13-0999	LF	32" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	166.65	71.41
		For 3" WG (Class B), Add	*17.85*	
		For 4" Or 6" WG (Class A), Add	*38.09*	
		For 10" WG (Class A), Add	*54.75*	
		For Work In Restricted Working Space, Add	*35.71*	
23 31 13 13-1000	LF	32" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	171.54	73.51
		For 3" WG (Class B), Add	*18.38*	
		For 4" Or 6" WG (Class A), Add	*39.21*	
		For 10" WG (Class A), Add	*56.36*	
		For Work In Restricted Working Space, Add	*36.76*	
23 31 13 13-1001	LF	32" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	176.44	75.62
		For 3" WG (Class B), Add	*18.90*	
		For 4" Or 6" WG (Class A), Add	*40.33*	
		For 10" WG (Class A), Add	*57.97*	
		For Work In Restricted Working Space, Add	*37.81*	
23 31 13 13-1002	LF	32" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	181.37	77.71
		For 3" WG (Class B), Add	*19.43*	
		For 4" Or 6" WG (Class A), Add	*41.45*	
		For 10" WG (Class A), Add	*59.58*	
		For Work In Restricted Working Space, Add	*38.86*	
23 31 13 13-1003	LF	32" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.26	79.81
		For 3" WG (Class B), Add	*19.95*	
		For 4" Or 6" WG (Class A), Add	*42.57*	
		For 10" WG (Class A), Add	*61.19*	
		For Work In Restricted Working Space, Add	*39.91*	
23 31 13 13-1004	LF	32" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	191.15	81.92
		For 3" WG (Class B), Add	*20.48*	
		For 4" Or 6" WG (Class A), Add	*43.69*	
		For 10" WG (Class A), Add	*62.80*	
		For Work In Restricted Working Space, Add	*40.96*	
23 31 13 13-1005	LF	32" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	196.06	84.01
		For 3" WG (Class B), Add	*21.00*	
		For 4" Or 6" WG (Class A), Add	*44.81*	
		For 10" WG (Class A), Add	*64.41*	
		For Work In Restricted Working Space, Add	*42.01*	
23 31 13 13-1006	LF	34" x 34", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	166.65	71.41
		For 3" WG (Class B), Add	*17.85*	
		For 4" Or 6" WG (Class A), Add	*38.09*	
		For 10" WG (Class A), Add	*54.75*	
		For Work In Restricted Working Space, Add	*35.71*	
23 31 13 13-1007	LF	34" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	171.54	73.51
		For 3" WG (Class B), Add	*18.38*	
		For 4" Or 6" WG (Class A), Add	*39.21*	
		For 10" WG (Class A), Add	*56.36*	
		For Work In Restricted Working Space, Add	*36.76*	
23 31 13 13-1008	LF	34" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	176.44	75.62
		For 3" WG (Class B), Add	*18.90*	
		For 4" Or 6" WG (Class A), Add	*40.33*	
		For 10" WG (Class A), Add	*57.97*	
		For Work In Restricted Working Space, Add	*37.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1009	LF	34" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	181.37	77.71
		For 3" WG (Class B), Add	*19.43*	
		For 4" Or 6" WG (Class A), Add	*41.45*	
		For 10" WG (Class A), Add	*59.58*	
		For Work In Restricted Working Space, Add	*38.86*	
23 31 13 13-1010	LF	34" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.26	79.81
		For 3" WG (Class B), Add	*19.95*	
		For 4" Or 6" WG (Class A), Add	*42.57*	
		For 10" WG (Class A), Add	*61.19*	
		For Work In Restricted Working Space, Add	*39.91*	
23 31 13 13-1011	LF	34" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	191.15	81.92
		For 3" WG (Class B), Add	*20.48*	
		For 4" Or 6" WG (Class A), Add	*43.69*	
		For 10" WG (Class A), Add	*62.80*	
		For Work In Restricted Working Space, Add	*40.96*	
23 31 13 13-1012	LF	34" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	196.06	84.01
		For 3" WG (Class B), Add	*21.00*	
		For 4" Or 6" WG (Class A), Add	*44.81*	
		For 10" WG (Class A), Add	*64.41*	
		For Work In Restricted Working Space, Add	*42.01*	
23 31 13 13-1013	LF	34" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	200.95	86.12
		For 3" WG (Class B), Add	*21.53*	
		For 4" Or 6" WG (Class A), Add	*45.93*	
		For 10" WG (Class A), Add	*66.02*	
		For Work In Restricted Working Space, Add	*43.06*	
23 31 13 13-1014	LF	36" x 36", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	176.44	75.62
		For 3" WG (Class B), Add	*18.90*	
		For 4" Or 6" WG (Class A), Add	*40.33*	
		For 10" WG (Class A), Add	*57.97*	
		For Work In Restricted Working Space, Add	*37.81*	
23 31 13 13-1015	LF	36" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	181.37	77.71
		For 3" WG (Class B), Add	*19.43*	
		For 4" Or 6" WG (Class A), Add	*41.45*	
		For 10" WG (Class A), Add	*59.58*	
		For Work In Restricted Working Space, Add	*38.86*	
23 31 13 13-1016	LF	36" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.26	79.81
		For 3" WG (Class B), Add	*19.95*	
		For 4" Or 6" WG (Class A), Add	*42.57*	
		For 10" WG (Class A), Add	*61.19*	
		For Work In Restricted Working Space, Add	*39.91*	
23 31 13 13-1017	LF	36" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	191.15	81.92
		For 3" WG (Class B), Add	*20.48*	
		For 4" Or 6" WG (Class A), Add	*43.69*	
		For 10" WG (Class A), Add	*62.80*	
		For Work In Restricted Working Space, Add	*40.96*	
23 31 13 13-1018	LF	36" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	196.06	84.01
		For 3" WG (Class B), Add	*21.00*	
		For 4" Or 6" WG (Class A), Add	*44.81*	
		For 10" WG (Class A), Add	*64.41*	
		For Work In Restricted Working Space, Add	*42.01*	
23 31 13 13-1019	LF	36" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	200.95	86.12
		For 3" WG (Class B), Add	*21.53*	
		For 4" Or 6" WG (Class A), Add	*45.93*	
		For 10" WG (Class A), Add	*66.02*	
		For Work In Restricted Working Space, Add	*43.06*	
23 31 13 13-1020	LF	36" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	205.87	88.21
		For 3" WG (Class B), Add	*22.05*	
		For 4" Or 6" WG (Class A), Add	*47.05*	
		For 10" WG (Class A), Add	*67.63*	
		For Work In Restricted Working Space, Add	*44.11*	
23 31 13 13-1021	LF	38" x 38", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	186.26	79.81
		For 3" WG (Class B), Add	*19.95*	
		For 4" Or 6" WG (Class A), Add	*42.57*	
		For 10" WG (Class A), Add	*61.19*	
		For Work In Restricted Working Space, Add	*39.91*	
23 31 13 13-1022	LF	38" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	191.15	81.92
		For 3" WG (Class B), Add	*20.48*	
		For 4" Or 6" WG (Class A), Add	*43.69*	
		For 10" WG (Class A), Add	*62.80*	
		For Work In Restricted Working Space, Add	*40.96*	
23 31 13 13-1023	LF	38" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	196.06	84.01
		For 3" WG (Class B), Add	*21.00*	
		For 4" Or 6" WG (Class A), Add	*44.81*	
		For 10" WG (Class A), Add	*64.41*	
		For Work In Restricted Working Space, Add	*42.01*	
23 31 13 13-1024	LF	38" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	200.95	86.12
		For 3" WG (Class B), Add	*21.53*	
		For 4" Or 6" WG (Class A), Add	*45.93*	
		For 10" WG (Class A), Add	*66.02*	
		For Work In Restricted Working Space, Add	*43.06*	
23 31 13 13-1025	LF	38" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	205.87	88.21
		For 3" WG (Class B), Add	*22.05*	
		For 4" Or 6" WG (Class A), Add	*47.05*	
		For 10" WG (Class A), Add	*67.63*	
		For Work In Restricted Working Space, Add	*44.11*	
23 31 13 13-1026	LF	38" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	210.77	90.32
		For 3" WG (Class B), Add	*22.58*	
		For 4" Or 6" WG (Class A), Add	*48.17*	
		For 10" WG (Class A), Add	*69.24*	
		For Work In Restricted Working Space, Add	*45.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1027	LF	38" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	215.67	92.42
		For 3" WG (Class B), Add	*23.10*	
		For 4" Or 6" WG (Class A), Add	*49.29*	
		For 10" WG (Class A), Add	*70.85*	
		For Work In Restricted Working Space, Add	*46.21*	
23 31 13 13-1028	LF	40" x 40", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	196.06	84.01
		For 3" WG (Class B), Add	*21.00*	
		For 4" Or 6" WG (Class A), Add	*44.81*	
		For 10" WG (Class A), Add	*64.41*	
		For Work In Restricted Working Space, Add	*42.01*	
23 31 13 13-1029	LF	40" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	200.95	86.12
		For 3" WG (Class B), Add	*21.53*	
		For 4" Or 6" WG (Class A), Add	*45.93*	
		For 10" WG (Class A), Add	*66.02*	
		For Work In Restricted Working Space, Add	*43.06*	
23 31 13 13-1030	LF	40" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	205.87	88.21
		For 3" WG (Class B), Add	*22.05*	
		For 4" Or 6" WG (Class A), Add	*47.05*	
		For 10" WG (Class A), Add	*67.63*	
		For Work In Restricted Working Space, Add	*44.11*	
23 31 13 13-1031	LF	40" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	210.77	90.32
		For 3" WG (Class B), Add	*22.58*	
		For 4" Or 6" WG (Class A), Add	*48.17*	
		For 10" WG (Class A), Add	*69.24*	
		For Work In Restricted Working Space, Add	*45.16*	
23 31 13 13-1032	LF	40" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	215.67	92.42
		For 3" WG (Class B), Add	*23.10*	
		For 4" Or 6" WG (Class A), Add	*49.29*	
		For 10" WG (Class A), Add	*70.85*	
		For Work In Restricted Working Space, Add	*46.21*	
23 31 13 13-1033	LF	40" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	220.56	94.51
		For 3" WG (Class B), Add	*23.63*	
		For 4" Or 6" WG (Class A), Add	*50.41*	
		For 10" WG (Class A), Add	*72.46*	
		For Work In Restricted Working Space, Add	*47.26*	
23 31 13 13-1034	LF	40" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	225.46	96.62
		For 3" WG (Class B), Add	*24.15*	
		For 4" Or 6" WG (Class A), Add	*51.53*	
		For 10" WG (Class A), Add	*74.07*	
		For Work In Restricted Working Space, Add	*48.31*	
23 31 13 13-1035	LF	40" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	230.38	98.72
		For 3" WG (Class B), Add	*24.68*	
		For 4" Or 6" WG (Class A), Add	*52.65*	
		For 10" WG (Class A), Add	*75.68*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-1036	LF	40" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	235.27	100.82
		For 3" WG (Class B), Add	*25.20*	
		For 4" Or 6" WG (Class A), Add	*53.77*	
		For 10" WG (Class A), Add	*77.29*	
		For Work In Restricted Working Space, Add	*50.41*	
23 31 13 13-1037	LF	42" x 42", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	205.87	88.21
		For 3" WG (Class B), Add	*22.05*	
		For 4" Or 6" WG (Class A), Add	*47.05*	
		For 10" WG (Class A), Add	*67.63*	
		For Work In Restricted Working Space, Add	*44.11*	
23 31 13 13-1038	LF	42" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	210.77	90.32
		For 3" WG (Class B), Add	*22.58*	
		For 4" Or 6" WG (Class A), Add	*48.17*	
		For 10" WG (Class A), Add	*69.24*	
		For Work In Restricted Working Space, Add	*45.16*	
23 31 13 13-1039	LF	42" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	215.67	92.42
		For 3" WG (Class B), Add	*23.10*	
		For 4" Or 6" WG (Class A), Add	*49.29*	
		For 10" WG (Class A), Add	*70.85*	
		For Work In Restricted Working Space, Add	*46.21*	
23 31 13 13-1040	LF	42" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	220.56	94.51
		For 3" WG (Class B), Add	*23.63*	
		For 4" Or 6" WG (Class A), Add	*50.41*	
		For 10" WG (Class A), Add	*72.46*	
		For Work In Restricted Working Space, Add	*47.26*	
23 31 13 13-1041	LF	42" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	225.46	96.62
		For 3" WG (Class B), Add	*24.15*	
		For 4" Or 6" WG (Class A), Add	*51.53*	
		For 10" WG (Class A), Add	*74.07*	
		For Work In Restricted Working Space, Add	*48.31*	
23 31 13 13-1042	LF	42" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	230.38	98.72
		For 3" WG (Class B), Add	*24.68*	
		For 4" Or 6" WG (Class A), Add	*52.65*	
		For 10" WG (Class A), Add	*75.68*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-1043	LF	42" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	235.27	100.82
		For 3" WG (Class B), Add	*25.20*	
		For 4" Or 6" WG (Class A), Add	*53.77*	
		For 10" WG (Class A), Add	*77.29*	
		For Work In Restricted Working Space, Add	*50.41*	
23 31 13 13-1044	LF	42" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	240.17	102.92
		For 3" WG (Class B), Add	*25.73*	
		For 4" Or 6" WG (Class A), Add	*54.89*	
		For 10" WG (Class A), Add	*78.90*	
		For Work In Restricted Working Space, Add	*51.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1045	LF	44" x 44", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	215.67	92.42
		For 3" WG (Class B), Add	*23.10*	
		For 4" Or 6" WG (Class A), Add	*49.29*	
		For 10" WG (Class A), Add	*70.85*	
		For Work In Restricted Working Space, Add	*46.21*	
23 31 13 13-1046	LF	44" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	220.56	94.51
		For 3" WG (Class B), Add	*23.63*	
		For 4" Or 6" WG (Class A), Add	*50.41*	
		For 10" WG (Class A), Add	*72.46*	
		For Work In Restricted Working Space, Add	*47.26*	
23 31 13 13-1047	LF	44" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	225.46	96.62
		For 3" WG (Class B), Add	*24.15*	
		For 4" Or 6" WG (Class A), Add	*51.53*	
		For 10" WG (Class A), Add	*74.07*	
		For Work In Restricted Working Space, Add	*48.31*	
23 31 13 13-1048	LF	44" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	230.38	98.72
		For 3" WG (Class B), Add	*24.68*	
		For 4" Or 6" WG (Class A), Add	*52.65*	
		For 10" WG (Class A), Add	*75.68*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-1049	LF	44" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	235.27	100.82
		For 3" WG (Class B), Add	*25.20*	
		For 4" Or 6" WG (Class A), Add	*53.77*	
		For 10" WG (Class A), Add	*77.29*	
		For Work In Restricted Working Space, Add	*50.41*	
23 31 13 13-1050	LF	44" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	240.17	102.92
		For 3" WG (Class B), Add	*25.73*	
		For 4" Or 6" WG (Class A), Add	*54.89*	
		For 10" WG (Class A), Add	*78.90*	
		For Work In Restricted Working Space, Add	*51.46*	
23 31 13 13-1051	LF	44" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	245.07	105.02
		For 3" WG (Class B), Add	*26.25*	
		For 4" Or 6" WG (Class A), Add	*56.01*	
		For 10" WG (Class A), Add	*80.51*	
		For Work In Restricted Working Space, Add	*52.51*	
23 31 13 13-1052	LF	46" x 46", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	225.46	96.62
		For 3" WG (Class B), Add	*24.15*	
		For 4" Or 6" WG (Class A), Add	*51.53*	
		For 10" WG (Class A), Add	*74.07*	
		For Work In Restricted Working Space, Add	*48.31*	
23 31 13 13-1053	LF	46" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	230.38	98.72
		For 3" WG (Class B), Add	*24.68*	
		For 4" Or 6" WG (Class A), Add	*52.65*	
		For 10" WG (Class A), Add	*75.68*	
		For Work In Restricted Working Space, Add	*49.36*	
23 31 13 13-1054	LF	46" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	235.27	100.82
		For 3" WG (Class B), Add	*25.20*	
		For 4" Or 6" WG (Class A), Add	*53.77*	
		For 10" WG (Class A), Add	*77.29*	
		For Work In Restricted Working Space, Add	*50.41*	
23 31 13 13-1055	LF	46" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	240.17	102.92
		For 3" WG (Class B), Add	*25.73*	
		For 4" Or 6" WG (Class A), Add	*54.89*	
		For 10" WG (Class A), Add	*78.90*	
		For Work In Restricted Working Space, Add	*51.46*	
23 31 13 13-1056	LF	46" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	245.07	105.02
		For 3" WG (Class B), Add	*26.25*	
		For 4" Or 6" WG (Class A), Add	*56.01*	
		For 10" WG (Class A), Add	*80.51*	
		For Work In Restricted Working Space, Add	*52.51*	
23 31 13 13-1057	LF	46" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.97	107.12
		For 3" WG (Class B), Add	*26.78*	
		For 4" Or 6" WG (Class A), Add	*57.13*	
		For 10" WG (Class A), Add	*82.13*	
		For Work In Restricted Working Space, Add	*53.56*	
23 31 13 13-1058	LF	46" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	254.88	109.22
		For 3" WG (Class B), Add	*27.30*	
		For 4" Or 6" WG (Class A), Add	*58.25*	
		For 10" WG (Class A), Add	*83.73*	
		For Work In Restricted Working Space, Add	*54.61*	
23 31 13 13-1059	LF	48" x 48", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	235.27	100.82
		For 3" WG (Class B), Add	*25.20*	
		For 4" Or 6" WG (Class A), Add	*53.77*	
		For 10" WG (Class A), Add	*77.29*	
		For Work In Restricted Working Space, Add	*50.41*	
23 31 13 13-1060	LF	48" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	240.17	102.92
		For 3" WG (Class B), Add	*25.73*	
		For 4" Or 6" WG (Class A), Add	*54.89*	
		For 10" WG (Class A), Add	*78.90*	
		For Work In Restricted Working Space, Add	*51.46*	
23 31 13 13-1061	LF	48" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	245.07	105.02
		For 3" WG (Class B), Add	*26.25*	
		For 4" Or 6" WG (Class A), Add	*56.01*	
		For 10" WG (Class A), Add	*80.51*	
		For Work In Restricted Working Space, Add	*52.51*	
23 31 13 13-1062	LF	48" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.97	107.12
		For 3" WG (Class B), Add	*26.78*	
		For 4" Or 6" WG (Class A), Add	*57.13*	
		For 10" WG (Class A), Add	*82.13*	
		For Work In Restricted Working Space, Add	*53.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1063	LF	48" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	254.88	109.22
		For 3" WG (Class B), Add	*27.30*	
		For 4" Or 6" WG (Class A), Add	*58.25*	
		For 10" WG (Class A), Add	*83.73*	
		For Work In Restricted Working Space, Add	*54.61*	
23 31 13 13-1064	LF	48" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	259.78	111.32
		For 3" WG (Class B), Add	*27.83*	
		For 4" Or 6" WG (Class A), Add	*59.37*	
		For 10" WG (Class A), Add	*85.34*	
		For Work In Restricted Working Space, Add	*55.66*	
23 31 13 13-1065	LF	48" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	264.68	113.42
		For 3" WG (Class B), Add	*28.36*	
		For 4" Or 6" WG (Class A), Add	*60.49*	
		For 10" WG (Class A), Add	*86.96*	
		For Work In Restricted Working Space, Add	*56.71*	
23 31 13 13-1066	LF	50" x 50", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	245.07	105.02
		For 3" WG (Class B), Add	*26.25*	
		For 4" Or 6" WG (Class A), Add	*56.01*	
		For 10" WG (Class A), Add	*80.51*	
		For Work In Restricted Working Space, Add	*52.51*	
23 31 13 13-1067	LF	50" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	249.97	107.12
		For 3" WG (Class B), Add	*26.78*	
		For 4" Or 6" WG (Class A), Add	*57.13*	
		For 10" WG (Class A), Add	*82.13*	
		For Work In Restricted Working Space, Add	*53.56*	
23 31 13 13-1068	LF	50" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	254.88	109.22
		For 3" WG (Class B), Add	*27.30*	
		For 4" Or 6" WG (Class A), Add	*58.25*	
		For 10" WG (Class A), Add	*83.73*	
		For Work In Restricted Working Space, Add	*54.61*	
23 31 13 13-1069	LF	50" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	259.78	111.32
		For 3" WG (Class B), Add	*27.83*	
		For 4" Or 6" WG (Class A), Add	*59.37*	
		For 10" WG (Class A), Add	*85.34*	
		For Work In Restricted Working Space, Add	*55.66*	
23 31 13 13-1070	LF	50" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	264.68	113.42
		For 3" WG (Class B), Add	*28.36*	
		For 4" Or 6" WG (Class A), Add	*60.49*	
		For 10" WG (Class A), Add	*86.96*	
		For Work In Restricted Working Space, Add	*56.71*	
23 31 13 13-1071	LF	50" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	269.57	115.52
		For 3" WG (Class B), Add	*28.88*	
		For 4" Or 6" WG (Class A), Add	*61.61*	
		For 10" WG (Class A), Add	*88.56*	
		For Work In Restricted Working Space, Add	*57.76*	
23 31 13 13-1072	LF	52" x 52", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	254.88	109.22
		For 3" WG (Class B), Add	*27.30*	
		For 4" Or 6" WG (Class A), Add	*58.25*	
		For 10" WG (Class A), Add	*83.73*	
		For Work In Restricted Working Space, Add	*54.61*	
23 31 13 13-1073	LF	52" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	259.78	111.32
		For 3" WG (Class B), Add	*27.83*	
		For 4" Or 6" WG (Class A), Add	*59.37*	
		For 10" WG (Class A), Add	*85.34*	
		For Work In Restricted Working Space, Add	*55.66*	
23 31 13 13-1074	LF	52" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	264.68	113.42
		For 3" WG (Class B), Add	*28.36*	
		For 4" Or 6" WG (Class A), Add	*60.49*	
		For 10" WG (Class A), Add	*86.96*	
		For Work In Restricted Working Space, Add	*56.71*	
23 31 13 13-1075	LF	52" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	269.57	115.52
		For 3" WG (Class B), Add	*28.88*	
		For 4" Or 6" WG (Class A), Add	*61.61*	
		For 10" WG (Class A), Add	*88.56*	
		For Work In Restricted Working Space, Add	*57.76*	
23 31 13 13-1076	LF	52" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	274.47	117.62
		For 3" WG (Class B), Add	*29.40*	
		For 4" Or 6" WG (Class A), Add	*62.73*	
		For 10" WG (Class A), Add	*90.17*	
		For Work In Restricted Working Space, Add	*58.81*	
23 31 13 13-1077	LF	54" x 54", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	264.68	113.42
		For 3" WG (Class B), Add	*28.36*	
		For 4" Or 6" WG (Class A), Add	*60.49*	
		For 10" WG (Class A), Add	*86.96*	
		For Work In Restricted Working Space, Add	*56.71*	
23 31 13 13-1078	LF	54" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	269.57	115.52
		For 3" WG (Class B), Add	*28.88*	
		For 4" Or 6" WG (Class A), Add	*61.61*	
		For 10" WG (Class A), Add	*88.56*	
		For Work In Restricted Working Space, Add	*57.76*	
23 31 13 13-1079	LF	54" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	274.47	117.62
		For 3" WG (Class B), Add	*29.40*	
		For 4" Or 6" WG (Class A), Add	*62.73*	
		For 10" WG (Class A), Add	*90.17*	
		For Work In Restricted Working Space, Add	*58.81*	
23 31 13 13-1080	LF	54" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	279.39	119.72
		For 3" WG (Class B), Add	*29.93*	
		For 4" Or 6" WG (Class A), Add	*63.85*	
		For 10" WG (Class A), Add	*91.79*	
		For Work In Restricted Working Space, Add	*59.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1081	LF	54" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.29	121.83
		For 3" WG (Class B), Add	*30.46*	
		For 4" Or 6" WG (Class A), Add	*64.97*	
		For 10" WG (Class A), Add	*93.40*	
		For Work In Restricted Working Space, Add	*60.91*	
23 31 13 13-1082	LF	54" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	289.18	123.92
		For 3" WG (Class B), Add	*30.98*	
		For 4" Or 6" WG (Class A), Add	*66.09*	
		For 10" WG (Class A), Add	*95.00*	
		For Work In Restricted Working Space, Add	*61.96*	
23 31 13 13-1083	LF	56" x 56", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	274.47	117.62
		For 3" WG (Class B), Add	*29.40*	
		For 4" Or 6" WG (Class A), Add	*62.73*	
		For 10" WG (Class A), Add	*90.17*	
		For Work In Restricted Working Space, Add	*58.81*	
23 31 13 13-1084	LF	56" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	279.39	119.72
		For 3" WG (Class B), Add	*29.93*	
		For 4" Or 6" WG (Class A), Add	*63.85*	
		For 10" WG (Class A), Add	*91.79*	
		For Work In Restricted Working Space, Add	*59.86*	
23 31 13 13-1085	LF	56" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.29	121.83
		For 3" WG (Class B), Add	*30.46*	
		For 4" Or 6" WG (Class A), Add	*64.97*	
		For 10" WG (Class A), Add	*93.40*	
		For Work In Restricted Working Space, Add	*60.91*	
23 31 13 13-1086	LF	56" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	289.18	123.92
		For 3" WG (Class B), Add	*30.98*	
		For 4" Or 6" WG (Class A), Add	*66.09*	
		For 10" WG (Class A), Add	*95.00*	
		For Work In Restricted Working Space, Add	*61.96*	
23 31 13 13-1087	LF	56" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	294.08	126.02
		For 3" WG (Class B), Add	*31.51*	
		For 4" Or 6" WG (Class A), Add	*67.21*	
		For 10" WG (Class A), Add	*96.62*	
		For Work In Restricted Working Space, Add	*63.01*	
23 31 13 13-1088	LF	58" x 58", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	284.29	121.83
		For 3" WG (Class B), Add	*30.46*	
		For 4" Or 6" WG (Class A), Add	*64.97*	
		For 10" WG (Class A), Add	*93.40*	
		For Work In Restricted Working Space, Add	*60.91*	
23 31 13 13-1089	LF	58" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	289.18	123.92
		For 3" WG (Class B), Add	*30.98*	
		For 4" Or 6" WG (Class A), Add	*66.09*	
		For 10" WG (Class A), Add	*95.00*	
		For Work In Restricted Working Space, Add	*61.96*	
23 31 13 13-1090	LF	58" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	294.08	126.02
		For 3" WG (Class B), Add	*31.51*	
		For 4" Or 6" WG (Class A), Add	*67.21*	
		For 10" WG (Class A), Add	*96.62*	
		For Work In Restricted Working Space, Add	*63.01*	
23 31 13 13-1091	LF	58" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	298.98	128.12
		For 3" WG (Class B), Add	*32.03*	
		For 4" Or 6" WG (Class A), Add	*68.33*	
		For 10" WG (Class A), Add	*98.23*	
		For Work In Restricted Working Space, Add	*64.06*	
23 31 13 13-1092	LF	58" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	303.89	130.22
		For 3" WG (Class B), Add	*32.55*	
		For 4" Or 6" WG (Class A), Add	*69.45*	
		For 10" WG (Class A), Add	*99.83*	
		For Work In Restricted Working Space, Add	*65.11*	
23 31 13 13-1093	LF	60" x 60", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	294.08	126.02
		For 3" WG (Class B), Add	*31.51*	
		For 4" Or 6" WG (Class A), Add	*67.21*	
		For 10" WG (Class A), Add	*96.62*	
		For Work In Restricted Working Space, Add	*63.01*	
23 31 13 13-1094	LF	60" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	298.98	128.12
		For 3" WG (Class B), Add	*32.03*	
		For 4" Or 6" WG (Class A), Add	*68.33*	
		For 10" WG (Class A), Add	*98.23*	
		For Work In Restricted Working Space, Add	*64.06*	
23 31 13 13-1095	LF	60" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	303.89	130.22
		For 3" WG (Class B), Add	*32.55*	
		For 4" Or 6" WG (Class A), Add	*69.45*	
		For 10" WG (Class A), Add	*99.83*	
		For Work In Restricted Working Space, Add	*65.11*	
23 31 13 13-1096	LF	60" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	308.79	132.33
		For 3" WG (Class B), Add	*33.08*	
		For 4" Or 6" WG (Class A), Add	*70.57*	
		For 10" WG (Class A), Add	*101.45*	
		For Work In Restricted Working Space, Add	*66.16*	
23 31 13 13-1097	LF	60" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	313.69	134.42
		For 3" WG (Class B), Add	*33.61*	
		For 4" Or 6" WG (Class A), Add	*71.69*	
		For 10" WG (Class A), Add	*103.06*	
		For Work In Restricted Working Space, Add	*67.21*	
23 31 13 13-1098	LF	62" x 62", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	303.89	130.22
		For 3" WG (Class B), Add	*32.55*	
		For 4" Or 6" WG (Class A), Add	*69.45*	
		For 10" WG (Class A), Add	*99.83*	
		For Work In Restricted Working Space, Add	*65.11*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1099	LF	62" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	308.79	132.33
		For 3" WG (Class B), Add	*33.08*	
		For 4" Or 6" WG (Class A), Add	*70.57*	
		For 10" WG (Class A), Add	*101.45*	
		For Work In Restricted Working Space, Add	*66.16*	
23 31 13 13-1100	LF	62" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	313.69	134.42
		For 3" WG (Class B), Add	*33.61*	
		For 4" Or 6" WG (Class A), Add	*71.69*	
		For 10" WG (Class A), Add	*103.06*	
		For Work In Restricted Working Space, Add	*67.21*	
23 31 13 13-1101	LF	62" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	318.59	136.52
		For 3" WG (Class B), Add	*34.13*	
		For 4" Or 6" WG (Class A), Add	*72.81*	
		For 10" WG (Class A), Add	*104.67*	
		For Work In Restricted Working Space, Add	*68.26*	
23 31 13 13-1102	LF	62" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	323.48	138.63
		For 3" WG (Class B), Add	*34.66*	
		For 4" Or 6" WG (Class A), Add	*73.93*	
		For 10" WG (Class A), Add	*106.28*	
		For Work In Restricted Working Space, Add	*69.31*	
23 31 13 13-1103	LF	64" x 64", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	313.69	134.42
		For 3" WG (Class B), Add	*33.61*	
		For 4" Or 6" WG (Class A), Add	*71.69*	
		For 10" WG (Class A), Add	*103.06*	
		For Work In Restricted Working Space, Add	*67.21*	
23 31 13 13-1104	LF	64" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	318.59	136.52
		For 3" WG (Class B), Add	*34.13*	
		For 4" Or 6" WG (Class A), Add	*72.81*	
		For 10" WG (Class A), Add	*104.67*	
		For Work In Restricted Working Space, Add	*68.26*	
23 31 13 13-1105	LF	64" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	323.48	138.63
		For 3" WG (Class B), Add	*34.66*	
		For 4" Or 6" WG (Class A), Add	*73.93*	
		For 10" WG (Class A), Add	*106.28*	
		For Work In Restricted Working Space, Add	*69.31*	
23 31 13 13-1106	LF	64" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	328.40	140.72
		For 3" WG (Class B), Add	*35.18*	
		For 4" Or 6" WG (Class A), Add	*75.05*	
		For 10" WG (Class A), Add	*107.89*	
		For Work In Restricted Working Space, Add	*70.36*	
23 31 13 13-1107	LF	66" x 66", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	323.48	138.63
		For 3" WG (Class B), Add	*34.66*	
		For 4" Or 6" WG (Class A), Add	*73.93*	
		For 10" WG (Class A), Add	*106.28*	
		For Work In Restricted Working Space, Add	*69.31*	
23 31 13 13-1108	LF	66" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	328.40	140.72
		For 3" WG (Class B), Add	*35.18*	
		For 4" Or 6" WG (Class A), Add	*75.05*	
		For 10" WG (Class A), Add	*107.89*	
		For Work In Restricted Working Space, Add	*70.36*	
23 31 13 13-1109	LF	66" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	333.30	142.83
		For 3" WG (Class B), Add	*35.71*	
		For 4" Or 6" WG (Class A), Add	*76.17*	
		For 10" WG (Class A), Add	*109.50*	
		For Work In Restricted Working Space, Add	*71.41*	
23 31 13 13-1110	LF	66" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	338.19	144.92
		For 3" WG (Class B), Add	*36.23*	
		For 4" Or 6" WG (Class A), Add	*77.29*	
		For 10" WG (Class A), Add	*111.11*	
		For Work In Restricted Working Space, Add	*72.46*	
23 31 13 13-1111	LF	68" x 68", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	333.30	142.83
		For 3" WG (Class B), Add	*35.71*	
		For 4" Or 6" WG (Class A), Add	*76.17*	
		For 10" WG (Class A), Add	*109.50*	
		For Work In Restricted Working Space, Add	*71.41*	
23 31 13 13-1112	LF	68" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	338.19	144.92
		For 3" WG (Class B), Add	*36.23*	
		For 4" Or 6" WG (Class A), Add	*77.29*	
		For 10" WG (Class A), Add	*111.11*	
		For Work In Restricted Working Space, Add	*72.46*	
23 31 13 13-1113	LF	68" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	343.09	147.03
		For 3" WG (Class B), Add	*36.76*	
		For 4" Or 6" WG (Class A), Add	*78.41*	
		For 10" WG (Class A), Add	*112.72*	
		For Work In Restricted Working Space, Add	*73.51*	
23 31 13 13-1114	LF	68" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	348.00	149.13
		For 3" WG (Class B), Add	*37.28*	
		For 4" Or 6" WG (Class A), Add	*79.54*	
		For 10" WG (Class A), Add	*114.33*	
		For Work In Restricted Working Space, Add	*74.57*	
23 31 13 13-1115	LF	70" x 70", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	343.09	147.03
		For 3" WG (Class B), Add	*36.76*	
		For 4" Or 6" WG (Class A), Add	*78.41*	
		For 10" WG (Class A), Add	*112.72*	
		For Work In Restricted Working Space, Add	*73.51*	
23 31 13 13-1116	LF	70" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	348.00	149.13
		For 3" WG (Class B), Add	*37.28*	
		For 4" Or 6" WG (Class A), Add	*79.54*	
		For 10" WG (Class A), Add	*114.33*	
		For Work In Restricted Working Space, Add	*74.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1117	LF	70" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	352.91	151.22
		For 3" WG (Class B), Add	*37.81*	
		For 4" Or 6" WG (Class A), Add	*80.66*	
		For 10" WG (Class A), Add	*115.94*	
		For Work In Restricted Working Space, Add	*75.62*	
23 31 13 13-1118	LF	70" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	357.80	153.33
		For 3" WG (Class B), Add	*38.33*	
		For 4" Or 6" WG (Class A), Add	*81.77*	
		For 10" WG (Class A), Add	*117.55*	
		For Work In Restricted Working Space, Add	*76.66*	
23 31 13 13-1119	LF	70" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	362.71	155.43
		For 3" WG (Class B), Add	*38.86*	
		For 4" Or 6" WG (Class A), Add	*82.90*	
		For 10" WG (Class A), Add	*119.16*	
		For Work In Restricted Working Space, Add	*77.72*	
23 31 13 13-1120	LF	70" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	367.60	157.53
		For 3" WG (Class B), Add	*39.38*	
		For 4" Or 6" WG (Class A), Add	*84.02*	
		For 10" WG (Class A), Add	*120.77*	
		For Work In Restricted Working Space, Add	*78.77*	
23 31 13 13-1121	LF	70" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	372.49	159.63
		For 3" WG (Class B), Add	*39.91*	
		For 4" Or 6" WG (Class A), Add	*85.13*	
		For 10" WG (Class A), Add	*122.38*	
		For Work In Restricted Working Space, Add	*79.81*	
23 31 13 13-1122	LF	70" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	377.42	161.73
		For 3" WG (Class B), Add	*40.43*	
		For 4" Or 6" WG (Class A), Add	*86.26*	
		For 10" WG (Class A), Add	*123.99*	
		For Work In Restricted Working Space, Add	*80.87*	
23 31 13 13-1123	LF	70" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	382.31	163.83
		For 3" WG (Class B), Add	*40.96*	
		For 4" Or 6" WG (Class A), Add	*87.38*	
		For 10" WG (Class A), Add	*125.60*	
		For Work In Restricted Working Space, Add	*81.92*	
23 31 13 13-1124	LF	72" x 72", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	352.91	151.22
		For 3" WG (Class B), Add	*37.81*	
		For 4" Or 6" WG (Class A), Add	*80.66*	
		For 10" WG (Class A), Add	*115.94*	
		For Work In Restricted Working Space, Add	*75.62*	
23 31 13 13-1125	LF	72" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	357.80	153.33
		For 3" WG (Class B), Add	*38.33*	
		For 4" Or 6" WG (Class A), Add	*81.77*	
		For 10" WG (Class A), Add	*117.55*	
		For Work In Restricted Working Space, Add	*76.66*	
23 31 13 13-1126	LF	72" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	362.71	155.43
		For 3" WG (Class B), Add	*38.86*	
		For 4" Or 6" WG (Class A), Add	*82.90*	
		For 10" WG (Class A), Add	*119.16*	
		For Work In Restricted Working Space, Add	*77.72*	
23 31 13 13-1127	LF	72" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	367.60	157.53
		For 3" WG (Class B), Add	*39.38*	
		For 4" Or 6" WG (Class A), Add	*84.02*	
		For 10" WG (Class A), Add	*120.77*	
		For Work In Restricted Working Space, Add	*78.77*	
23 31 13 13-1128	LF	72" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	372.49	159.63
		For 3" WG (Class B), Add	*39.91*	
		For 4" Or 6" WG (Class A), Add	*85.13*	
		For 10" WG (Class A), Add	*122.38*	
		For Work In Restricted Working Space, Add	*79.81*	
23 31 13 13-1129	LF	72" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	377.42	161.73
		For 3" WG (Class B), Add	*40.43*	
		For 4" Or 6" WG (Class A), Add	*86.26*	
		For 10" WG (Class A), Add	*123.99*	
		For Work In Restricted Working Space, Add	*80.87*	
23 31 13 13-1130	LF	72" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	382.31	163.83
		For 3" WG (Class B), Add	*40.96*	
		For 4" Or 6" WG (Class A), Add	*87.38*	
		For 10" WG (Class A), Add	*125.60*	
		For Work In Restricted Working Space, Add	*81.92*	
23 31 13 13-1131	LF	72" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	387.21	165.93
		For 3" WG (Class B), Add	*41.48*	
		For 4" Or 6" WG (Class A), Add	*88.50*	
		For 10" WG (Class A), Add	*127.21*	
		For Work In Restricted Working Space, Add	*82.97*	
23 31 13 13-1132	LF	74" x 74", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	362.71	155.43
		For 3" WG (Class B), Add	*38.86*	
		For 4" Or 6" WG (Class A), Add	*82.90*	
		For 10" WG (Class A), Add	*119.16*	
		For Work In Restricted Working Space, Add	*77.72*	
23 31 13 13-1133	LF	74" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	367.60	157.53
		For 3" WG (Class B), Add	*39.38*	
		For 4" Or 6" WG (Class A), Add	*84.02*	
		For 10" WG (Class A), Add	*120.77*	
		For Work In Restricted Working Space, Add	*78.77*	
23 31 13 13-1134	LF	74" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	372.49	159.63
		For 3" WG (Class B), Add	*39.91*	
		For 4" Or 6" WG (Class A), Add	*85.13*	
		For 10" WG (Class A), Add	*122.38*	
		For Work In Restricted Working Space, Add	*79.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1135	LF	74" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	377.42	161.73
		For 3" WG (Class B), Add	*40.43*	
		For 4" Or 6" WG (Class A), Add	*86.26*	
		For 10" WG (Class A), Add	*123.99*	
		For Work In Restricted Working Space, Add	*80.87*	
23 31 13 13-1136	LF	74" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	382.31	163.83
		For 3" WG (Class B), Add	*40.96*	
		For 4" Or 6" WG (Class A), Add	*87.38*	
		For 10" WG (Class A), Add	*125.60*	
		For Work In Restricted Working Space, Add	*81.92*	
23 31 13 13-1137	LF	74" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	387.21	165.93
		For 3" WG (Class B), Add	*41.48*	
		For 4" Or 6" WG (Class A), Add	*88.50*	
		For 10" WG (Class A), Add	*127.21*	
		For Work In Restricted Working Space, Add	*82.97*	
23 31 13 13-1138	LF	74" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	392.11	168.03
		For 3" WG (Class B), Add	*42.01*	
		For 4" Or 6" WG (Class A), Add	*89.62*	
		For 10" WG (Class A), Add	*128.82*	
		For Work In Restricted Working Space, Add	*84.02*	
23 31 13 13-1139	LF	76" x 76", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	372.49	159.63
		For 3" WG (Class B), Add	*39.91*	
		For 4" Or 6" WG (Class A), Add	*85.13*	
		For 10" WG (Class A), Add	*122.38*	
		For Work In Restricted Working Space, Add	*79.81*	
23 31 13 13-1140	LF	76" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	377.42	161.73
		For 3" WG (Class B), Add	*40.43*	
		For 4" Or 6" WG (Class A), Add	*86.26*	
		For 10" WG (Class A), Add	*123.99*	
		For Work In Restricted Working Space, Add	*80.87*	
23 31 13 13-1141	LF	76" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	382.31	163.83
		For 3" WG (Class B), Add	*40.96*	
		For 4" Or 6" WG (Class A), Add	*87.38*	
		For 10" WG (Class A), Add	*125.60*	
		For Work In Restricted Working Space, Add	*81.92*	
23 31 13 13-1142	LF	76" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	387.21	165.93
		For 3" WG (Class B), Add	*41.48*	
		For 4" Or 6" WG (Class A), Add	*88.50*	
		For 10" WG (Class A), Add	*127.21*	
		For Work In Restricted Working Space, Add	*82.97*	
23 31 13 13-1143	LF	76" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	392.11	168.03
		For 3" WG (Class B), Add	*42.01*	
		For 4" Or 6" WG (Class A), Add	*89.62*	
		For 10" WG (Class A), Add	*128.82*	
		For Work In Restricted Working Space, Add	*84.02*	
23 31 13 13-1144	LF	76" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	397.00	170.13
		For 3" WG (Class B), Add	*42.53*	
		For 4" Or 6" WG (Class A), Add	*90.74*	
		For 10" WG (Class A), Add	*130.43*	
		For Work In Restricted Working Space, Add	*85.07*	
23 31 13 13-1145	LF	78" x 78", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	382.31	163.83
		For 3" WG (Class B), Add	*40.96*	
		For 4" Or 6" WG (Class A), Add	*87.38*	
		For 10" WG (Class A), Add	*125.60*	
		For Work In Restricted Working Space, Add	*81.92*	
23 31 13 13-1146	LF	78" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	387.21	165.93
		For 3" WG (Class B), Add	*41.48*	
		For 4" Or 6" WG (Class A), Add	*88.50*	
		For 10" WG (Class A), Add	*127.21*	
		For Work In Restricted Working Space, Add	*82.97*	
23 31 13 13-1147	LF	78" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	392.11	168.03
		For 3" WG (Class B), Add	*42.01*	
		For 4" Or 6" WG (Class A), Add	*89.62*	
		For 10" WG (Class A), Add	*128.82*	
		For Work In Restricted Working Space, Add	*84.02*	
23 31 13 13-1148	LF	78" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	397.00	170.13
		For 3" WG (Class B), Add	*42.53*	
		For 4" Or 6" WG (Class A), Add	*90.74*	
		For 10" WG (Class A), Add	*130.43*	
		For Work In Restricted Working Space, Add	*85.07*	
23 31 13 13-1149	LF	78" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	401.92	172.23
		For 3" WG (Class B), Add	*43.06*	
		For 4" Or 6" WG (Class A), Add	*91.86*	
		For 10" WG (Class A), Add	*132.04*	
		For Work In Restricted Working Space, Add	*86.12*	
23 31 13 13-1150	LF	80" x 80", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	392.11	168.03
		For 3" WG (Class B), Add	*42.01*	
		For 4" Or 6" WG (Class A), Add	*89.62*	
		For 10" WG (Class A), Add	*128.82*	
		For Work In Restricted Working Space, Add	*84.02*	
23 31 13 13-1151	LF	80" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	397.00	170.13
		For 3" WG (Class B), Add	*42.53*	
		For 4" Or 6" WG (Class A), Add	*90.74*	
		For 10" WG (Class A), Add	*130.43*	
		For Work In Restricted Working Space, Add	*85.07*	
23 31 13 13-1152	LF	80" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	401.92	172.23
		For 3" WG (Class B), Add	*43.06*	
		For 4" Or 6" WG (Class A), Add	*91.86*	
		For 10" WG (Class A), Add	*132.04*	
		For Work In Restricted Working Space, Add	*86.12*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1153	LF	80" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	406.82	174.33
		For 3" WG (Class B), Add	*43.58*	
		For 4" Or 6" WG (Class A), Add	*92.98*	
		For 10" WG (Class A), Add	*133.65*	
		For Work In Restricted Working Space, Add	*87.17*	
23 31 13 13-1154	LF	82" x 82", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	401.92	172.23
		For 3" WG (Class B), Add	*43.06*	
		For 4" Or 6" WG (Class A), Add	*91.86*	
		For 10" WG (Class A), Add	*132.04*	
		For Work In Restricted Working Space, Add	*86.12*	
23 31 13 13-1155	LF	82" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	406.82	174.33
		For 3" WG (Class B), Add	*43.58*	
		For 4" Or 6" WG (Class A), Add	*92.98*	
		For 10" WG (Class A), Add	*133.65*	
		For Work In Restricted Working Space, Add	*87.17*	
23 31 13 13-1156	LF	82" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	411.71	176.43
		For 3" WG (Class B), Add	*44.11*	
		For 4" Or 6" WG (Class A), Add	*94.10*	
		For 10" WG (Class A), Add	*135.26*	
		For Work In Restricted Working Space, Add	*88.22*	
23 31 13 13-1157	LF	84" x 84", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	411.71	176.43
		For 3" WG (Class B), Add	*44.11*	
		For 4" Or 6" WG (Class A), Add	*94.10*	
		For 10" WG (Class A), Add	*135.26*	
		For Work In Restricted Working Space, Add	*88.22*	
23 31 13 13-1158	LF	84" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	416.61	178.54
		For 3" WG (Class B), Add	*44.63*	
		For 4" Or 6" WG (Class A), Add	*95.22*	
		For 10" WG (Class A), Add	*136.87*	
		For Work In Restricted Working Space, Add	*89.27*	
23 31 13 13-1159	LF	86" x 86", Up To 2" WG (Class C), 18 Gauge Galvanized Steel Sheet Metal Ductwork	421.52	180.63
		For 3" WG (Class B), Add	*45.16*	
		For 4" Or 6" WG (Class A), Add	*96.34*	
		For 10" WG (Class A), Add	*138.49*	
		For Work In Restricted Working Space, Add	*90.32*	

23 31 13 13-1160 Rework Sheet Metal Ductwork *(23 31 13 13)*

Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.

23 31 13 13-1161	LF	Up To 1 SF Cross Section, Rework Existing Ductwork	26.57
23 31 13 13-1162	LF	>1 To 2 SF Cross Section, Rework Existing Ductwork	51.81
23 31 13 13-1163	LF	>2 To 4 SF Cross Section, Rework Existing Ductwork	68.46
23 31 13 13-1164	LF	>4 To 6 SF Cross Section, Rework Existing Ductwork	85.73
23 31 13 13-1165	LF	>6 To 8 SF Cross Section, Rework Existing Ductwork	119.56
23 31 13 13-1166	LF	>8 To 10 SF Cross Section, Rework Existing Ductwork	139.48
23 31 13 13-1167	LF	>10 To 12 SF Cross Section, Rework Existing Ductwork	159.42
23 31 13 13-1168	LF	>12 To 14 SF Cross Section, Rework Existing Ductwork	179.34

23 31 13 16 Round And Flat-Oval Spiral Ducts *(23 31 13)*

23 31 13 16-0001 Low Pressure Round And Flat-Oval Duct *(23 31 13 16)*

Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.

23 31 13 16-0002 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Ducts *(23 31 13 16-0001)*

Note: Includes straps and supports.

23 31 13 16-0003	LF	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	5.43	2.28
		For 3" WG (Class B), Add	*0.70*	
		For 4" Or 6" WG (Class A), Add	*1.87*	
		For 28 Gauge, Deduct	*-0.10*	
		For 24 Gauge, Add	*0.10*	
		For 22 Gauge, Add	*0.21*	
		For 20 Gauge, Add	*0.31*	
		For 18 Gauge, Add	*0.41*	
		For 16 Gauge, Add	*0.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.56*	
		For Work In Restricted Working Space, Add	*1.40*	
		For Elevated Installation >10' To 15', Add	*0.47*	
		For Elevated Installation >15' To 20', Add	*0.94*	
		For Elevated Installation >20' To 25', Add	*1.17*	
		For Elevated Installation >25' To 30', Add	*1.64*	
		For Elevated Installation >30' To 35', Add	*1.87*	
		For Elevated Installation >35' To 40', Add	*2.34*	
		For Elevated Installation >40', Add	*2.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0004	LF	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	6.15	2.59
		For 3" WG (Class B), Add	*0.78*	
		For 4" Or 6" WG (Class A), Add	*2.08*	
		For 28 Gauge, Deduct	*-0.13*	
		For 24 Gauge, Add	*0.13*	
		For 22 Gauge, Add	*0.26*	
		For 20 Gauge, Add	*0.40*	
		For 18 Gauge, Add	*0.53*	
		For 16 Gauge, Add	*0.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.71*	
		For Work In Restricted Working Space, Add	*1.56*	
		For Elevated Installation >10' To 15', Add	*0.52*	
		For Elevated Installation >15' To 20', Add	*1.04*	
		For Elevated Installation >20' To 25', Add	*1.30*	
		For Elevated Installation >25' To 30', Add	*1.82*	
		For Elevated Installation >30' To 35', Add	*2.08*	
		For Elevated Installation >35' To 40', Add	*2.60*	
		For Elevated Installation >40', Add	*2.85*	
23 31 13 16-0005	LF	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	6.93	3.12
		For 3" WG (Class B), Add	*0.88*	
		For 4" Or 6" WG (Class A), Add	*2.34*	
		For 28 Gauge, Deduct	*-0.15*	
		For 24 Gauge, Add	*0.15*	
		For 22 Gauge, Add	*0.30*	
		For 20 Gauge, Add	*0.45*	
		For 18 Gauge, Add	*0.60*	
		For 16 Gauge, Add	*0.74*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.81*	
		For Work In Restricted Working Space, Add	*1.75*	
		For Elevated Installation >10' To 15', Add	*0.58*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.46*	
		For Elevated Installation >25' To 30', Add	*2.04*	
		For Elevated Installation >30' To 35', Add	*2.34*	
		For Elevated Installation >35' To 40', Add	*2.92*	
		For Elevated Installation >40', Add	*3.21*	
23 31 13 16-0006	LF	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	7.97	3.63
		For 3" WG (Class B), Add	*1.00*	
		For 4" Or 6" WG (Class A), Add	*2.67*	
		For 28 Gauge, Deduct	*-0.18*	
		For 24 Gauge, Add	*0.18*	
		For 22 Gauge, Add	*0.36*	
		For 20 Gauge, Add	*0.53*	
		For 18 Gauge, Add	*0.71*	
		For 16 Gauge, Add	*0.87*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.95*	
		For Work In Restricted Working Space, Add	*2.00*	
		For Elevated Installation >10' To 15', Add	*0.67*	
		For Elevated Installation >15' To 20', Add	*1.34*	
		For Elevated Installation >20' To 25', Add	*1.67*	
		For Elevated Installation >25' To 30', Add	*2.34*	
		For Elevated Installation >30' To 35', Add	*2.67*	
		For Elevated Installation >35' To 40', Add	*3.34*	
		For Elevated Installation >40', Add	*3.67*	
23 31 13 16-0007	LF	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	9.22	4.15
		For 3" WG (Class B), Add	*1.17*	
		For 4" Or 6" WG (Class A), Add	*3.11*	
		For 28 Gauge, Deduct	*-0.20*	
		For 24 Gauge, Add	*0.20*	
		For 22 Gauge, Add	*0.40*	
		For 20 Gauge, Add	*0.60*	
		For 18 Gauge, Add	*0.79*	
		For 16 Gauge, Add	*0.97*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.07*	
		For Work In Restricted Working Space, Add	*2.33*	
		For Elevated Installation >10' To 15', Add	*0.78*	
		For Elevated Installation >15' To 20', Add	*1.56*	
		For Elevated Installation >20' To 25', Add	*1.95*	
		For Elevated Installation >25' To 30', Add	*2.72*	
		For Elevated Installation >30' To 35', Add	*3.11*	
		For Elevated Installation >35' To 40', Add	*3.89*	
		For Elevated Installation >40', Add	*4.28*	
23 31 13 16-0008	LF	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	11.11	5.19
		For 3" WG (Class B), Add	*1.40*	
		For 4" Or 6" WG (Class A), Add	*3.74*	
		For 28 Gauge, Deduct	*-0.25*	
		For 24 Gauge, Add	*0.24*	
		For 22 Gauge, Add	*0.49*	
		For 20 Gauge, Add	*0.73*	
		For 18 Gauge, Add	*0.97*	
		For 16 Gauge, Add	*1.19*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.31*	
		For Work In Restricted Working Space, Add	*2.80*	
		For Elevated Installation >10' To 15', Add	*0.93*	
		For Elevated Installation >15' To 20', Add	*1.87*	
		For Elevated Installation >20' To 25', Add	*2.34*	
		For Elevated Installation >25' To 30', Add	*3.27*	
		For Elevated Installation >30' To 35', Add	*3.74*	
		For Elevated Installation >35' To 40', Add	*4.67*	
		For Elevated Installation >40', Add	*5.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0009	LF	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	13.86	6.96
		For 3" WG (Class B), Add	*1.75*	
		For 4" Or 6" WG (Class A), Add	*4.67*	
		For 28 Gauge, Deduct	*-0.30*	
		For 24 Gauge, Add	*0.30*	
		For 22 Gauge, Add	*0.60*	
		For 20 Gauge, Add	*0.90*	
		For 18 Gauge, Add	*1.20*	
		For 16 Gauge, Add	*1.47*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.61*	
		For Work In Restricted Working Space, Add	*3.50*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.34*	
		For Elevated Installation >20' To 25', Add	*2.92*	
		For Elevated Installation >25' To 30', Add	*4.09*	
		For Elevated Installation >30' To 35', Add	*4.67*	
		For Elevated Installation >35' To 40', Add	*5.84*	
		For Elevated Installation >40', Add	*6.42*	
23 31 13 16-0010	LF	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	17.13	10.38
		For 3" WG (Class B), Add	*2.19*	
		For 4" Or 6" WG (Class A), Add	*5.84*	
		For 28 Gauge, Deduct	*-0.35*	
		For 24 Gauge, Add	*0.35*	
		For 22 Gauge, Add	*0.70*	
		For 20 Gauge, Add	*1.05*	
		For 18 Gauge, Add	*1.39*	
		For 16 Gauge, Add	*1.71*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.87*	
		For Work In Restricted Working Space, Add	*4.38*	
		For Elevated Installation >10' To 15', Add	*1.46*	
		For Elevated Installation >15' To 20', Add	*2.92*	
		For Elevated Installation >20' To 25', Add	*3.65*	
		For Elevated Installation >25' To 30', Add	*5.11*	
		For Elevated Installation >30' To 35', Add	*5.84*	
		For Elevated Installation >35' To 40', Add	*7.30*	
		For Elevated Installation >40', Add	*8.03*	
23 31 13 16-0011	LF	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	23.22	13.92
		For 3" WG (Class B), Add	*2.92*	
		For 4" Or 6" WG (Class A), Add	*7.79*	
		For 28 Gauge, Deduct	*-0.52*	
		For 24 Gauge, Add	*0.52*	
		For 22 Gauge, Add	*1.03*	
		For 20 Gauge, Add	*1.55*	
		For 18 Gauge, Add	*2.06*	
		For 16 Gauge, Add	*2.53*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.78*	
		For Work In Restricted Working Space, Add	*5.84*	
		For Elevated Installation >10' To 15', Add	*1.95*	
		For Elevated Installation >15' To 20', Add	*3.89*	
		For Elevated Installation >20' To 25', Add	*4.87*	
		For Elevated Installation >25' To 30', Add	*6.81*	
		For Elevated Installation >30' To 35', Add	*7.79*	
		For Elevated Installation >35' To 40', Add	*9.74*	
		For Elevated Installation >40', Add	*10.71*	
23 31 13 16-0012	LF	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	27.53	16.71
		For 28 Gauge, Deduct	*-0.58*	
		For 24 Gauge, Add	*0.58*	
		For 22 Gauge, Add	*1.15*	
		For 20 Gauge, Add	*1.73*	
		For 18 Gauge, Add	*2.29*	
		For 16 Gauge, Add	*2.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.09*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Elevated Installation >10' To 15', Add	*2.34*	
		For Elevated Installation >15' To 20', Add	*4.67*	
		For Elevated Installation >20' To 25', Add	*5.84*	
		For Elevated Installation >25' To 30', Add	*8.18*	
		For Elevated Installation >30' To 35', Add	*9.34*	
		For Elevated Installation >35' To 40', Add	*11.68*	
		For Elevated Installation >40', Add	*12.85*	
23 31 13 16-0013	LF	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Duct	31.64	19.31
		For 28 Gauge, Deduct	*-0.64*	
		For 24 Gauge, Add	*0.64*	
		For 22 Gauge, Add	*1.28*	
		For 20 Gauge, Add	*1.93*	
		For 18 Gauge, Add	*2.56*	
		For 16 Gauge, Add	*3.14*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.44*	
		For Work In Restricted Working Space, Add	*8.10*	
		For Elevated Installation >10' To 15', Add	*2.70*	
		For Elevated Installation >15' To 20', Add	*5.40*	
		For Elevated Installation >20' To 25', Add	*6.75*	
		For Elevated Installation >25' To 30', Add	*9.45*	
		For Elevated Installation >30' To 35', Add	*10.80*	
		For Elevated Installation >35' To 40', Add	*13.50*	
		For Elevated Installation >40', Add	*14.84*	

23 31 13 16-0014 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows *(23 31 13 16-0001)*
Note: Up to 90 degree.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0015	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	31.25	13.86
		For 3" WG (Class B), Add	*4.16*	
		For 4" Or 6" WG (Class A), Add	*11.09*	
		For 28 Gauge, Deduct	*-0.49*	
		For 24 Gauge, Add	*0.49*	
		For 22 Gauge, Add	*0.97*	
		For 20 Gauge, Add	*1.46*	
		For 18 Gauge, Add	*1.94*	
		For 16 Gauge, Add	*2.38*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.61*	
		For Work In Restricted Working Space, Add	*8.32*	
		For Elevated Installation >10' To 15', Add	*2.77*	
		For Elevated Installation >15' To 20', Add	*5.54*	
		For Elevated Installation >20' To 25', Add	*6.93*	
		For Elevated Installation >25' To 30', Add	*9.70*	
		For Elevated Installation >30' To 35', Add	*11.09*	
		For Elevated Installation >35' To 40', Add	*13.86*	
		For Elevated Installation >40', Add	*15.25*	
23 31 13 16-0016	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	35.83	15.99
		For 3" WG (Class B), Add	*4.80*	
		For 4" Or 6" WG (Class A), Add	*12.79*	
		For 28 Gauge, Deduct	*-0.53*	
		For 24 Gauge, Add	*0.53*	
		For 22 Gauge, Add	*1.06*	
		For 20 Gauge, Add	*1.59*	
		For 18 Gauge, Add	*2.12*	
		For 16 Gauge, Add	*2.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.85*	
		For Work In Restricted Working Space, Add	*9.59*	
		For Elevated Installation >10' To 15', Add	*3.20*	
		For Elevated Installation >15' To 20', Add	*6.40*	
		For Elevated Installation >20' To 25', Add	*8.00*	
		For Elevated Installation >25' To 30', Add	*11.19*	
		For Elevated Installation >30' To 35', Add	*12.79*	
		For Elevated Installation >35' To 40', Add	*15.99*	
		For Elevated Installation >40', Add	*17.59*	
23 31 13 16-0017	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	42.12	18.89
		For 3" WG (Class B), Add	*5.67*	
		For 4" Or 6" WG (Class A), Add	*15.12*	
		For 28 Gauge, Deduct	*-0.60*	
		For 24 Gauge, Add	*0.60*	
		For 22 Gauge, Add	*1.19*	
		For 20 Gauge, Add	*1.79*	
		For 18 Gauge, Add	*2.38*	
		For 16 Gauge, Add	*2.92*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.20*	
		For Work In Restricted Working Space, Add	*11.34*	
		For Elevated Installation >10' To 15', Add	*3.78*	
		For Elevated Installation >15' To 20', Add	*7.56*	
		For Elevated Installation >20' To 25', Add	*9.45*	
		For Elevated Installation >25' To 30', Add	*13.23*	
		For Elevated Installation >30' To 35', Add	*15.12*	
		For Elevated Installation >35' To 40', Add	*18.90*	
		For Elevated Installation >40', Add	*20.78*	
23 31 13 16-0018	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	53.91	24.29
		For 3" WG (Class B), Add	*7.29*	
		For 4" Or 6" WG (Class A), Add	*19.44*	
		For 28 Gauge, Deduct	*-0.74*	
		For 24 Gauge, Add	*0.73*	
		For 22 Gauge, Add	*1.47*	
		For 20 Gauge, Add	*2.20*	
		For 18 Gauge, Add	*2.93*	
		For 16 Gauge, Add	*3.59*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.94*	
		For Work In Restricted Working Space, Add	*14.58*	
		For Elevated Installation >10' To 15', Add	*4.86*	
		For Elevated Installation >15' To 20', Add	*9.72*	
		For Elevated Installation >20' To 25', Add	*12.15*	
		For Elevated Installation >25' To 30', Add	*17.01*	
		For Elevated Installation >30' To 35', Add	*19.44*	
		For Elevated Installation >35' To 40', Add	*24.30*	
		For Elevated Installation >40', Add	*26.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0019	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	64.92	29.59
		For 3" WG (Class B), Add	*8.88*	
		For 4" Or 6" WG (Class A), Add	*23.67*	
		For 28 Gauge, Deduct	*-0.79*	
		For 24 Gauge, Add	*0.79*	
		For 22 Gauge, Add	*1.58*	
		For 20 Gauge, Add	*2.38*	
		For 18 Gauge, Add	*3.16*	
		For 16 Gauge, Add	*3.87*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.25*	
		For Work In Restricted Working Space, Add	*17.75*	
		For Elevated Installation >10' To 15', Add	*5.92*	
		For Elevated Installation >15' To 20', Add	*11.84*	
		For Elevated Installation >20' To 25', Add	*14.80*	
		For Elevated Installation >25' To 30', Add	*20.71*	
		For Elevated Installation >30' To 35', Add	*23.67*	
		For Elevated Installation >35' To 40', Add	*29.59*	
		For Elevated Installation >40', Add	*32.55*	
23 31 13 16-0020	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	99.98	46.21
		For 3" WG (Class B), Add	*13.86*	
		For 4" Or 6" WG (Class A), Add	*36.96*	
		For 28 Gauge, Deduct	*-1.05*	
		For 24 Gauge, Add	*1.05*	
		For 22 Gauge, Add	*2.09*	
		For 20 Gauge, Add	*3.14*	
		For 18 Gauge, Add	*4.17*	
		For 16 Gauge, Add	*5.12*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.61*	
		For Work In Restricted Working Space, Add	*27.72*	
		For Elevated Installation >10' To 15', Add	*9.24*	
		For Elevated Installation >15' To 20', Add	*18.48*	
		For Elevated Installation >20' To 25', Add	*23.10*	
		For Elevated Installation >25' To 30', Add	*32.34*	
		For Elevated Installation >30' To 35', Add	*36.96*	
		For Elevated Installation >35' To 40', Add	*46.20*	
		For Elevated Installation >40', Add	*50.82*	
23 31 13 16-0021	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	137.98	63.85
		For 3" WG (Class B), Add	*19.16*	
		For 4" Or 6" WG (Class A), Add	*51.08*	
		For 28 Gauge, Deduct	*-1.42*	
		For 24 Gauge, Add	*1.42*	
		For 22 Gauge, Add	*2.83*	
		For 20 Gauge, Add	*4.25*	
		For 18 Gauge, Add	*5.65*	
		For 16 Gauge, Add	*6.93*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.60*	
		For Work In Restricted Working Space, Add	*38.31*	
		For Elevated Installation >10' To 15', Add	*12.77*	
		For Elevated Installation >15' To 20', Add	*25.54*	
		For Elevated Installation >20' To 25', Add	*31.93*	
		For Elevated Installation >25' To 30', Add	*44.70*	
		For Elevated Installation >30' To 35', Add	*51.08*	
		For Elevated Installation >35' To 40', Add	*63.86*	
		For Elevated Installation >40', Add	*70.24*	
23 31 13 16-0022	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	166.80	75.53
		For 3" WG (Class B), Add	*22.66*	
		For 4" Or 6" WG (Class A), Add	*60.42*	
		For 28 Gauge, Deduct	*-2.18*	
		For 24 Gauge, Add	*2.17*	
		For 22 Gauge, Add	*4.34*	
		For 20 Gauge, Add	*6.52*	
		For 18 Gauge, Add	*8.66*	
		For 16 Gauge, Add	*10.62*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.65*	
		For Work In Restricted Working Space, Add	*45.32*	
		For Elevated Installation >10' To 15', Add	*15.11*	
		For Elevated Installation >15' To 20', Add	*30.21*	
		For Elevated Installation >20' To 25', Add	*37.77*	
		For Elevated Installation >25' To 30', Add	*52.87*	
		For Elevated Installation >30' To 35', Add	*60.42*	
		For Elevated Installation >35' To 40', Add	*75.53*	
		For Elevated Installation >40', Add	*83.08*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0023	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	188.67	83.06
		For 3" WG (Class B), Add	*24.92*	
		For 4" Or 6" WG (Class A), Add	*66.45*	
		For 28 Gauge, Deduct	*-3.12*	
		For 24 Gauge, Add	*3.11*	
		For 22 Gauge, Add	*6.21*	
		For 20 Gauge, Add	*9.34*	
		For 18 Gauge, Add	*12.40*	
		For 16 Gauge, Add	*15.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.69*	
		For Work In Restricted Working Space, Add	*49.84*	
		For Elevated Installation >10' To 15', Add	*16.61*	
		For Elevated Installation >15' To 20', Add	*33.22*	
		For Elevated Installation >20' To 25', Add	*41.53*	
		For Elevated Installation >25' To 30', Add	*58.14*	
		For Elevated Installation >30' To 35', Add	*66.45*	
		For Elevated Installation >35' To 40', Add	*83.06*	
		For Elevated Installation >40', Add	*91.37*	
23 31 13 16-0024	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	206.63	86.44
		For 3" WG (Class B), Add	*25.93*	
		For 4" Or 6" WG (Class A), Add	*69.14*	
		For 28 Gauge, Deduct	*-4.68*	
		For 24 Gauge, Add	*4.66*	
		For 22 Gauge, Add	*9.30*	
		For 20 Gauge, Add	*13.98*	
		For 18 Gauge, Add	*18.57*	
		For 16 Gauge, Add	*22.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.99*	
		For Work In Restricted Working Space, Add	*51.86*	
		For Elevated Installation >10' To 15', Add	*17.29*	
		For Elevated Installation >15' To 20', Add	*34.57*	
		For Elevated Installation >20' To 25', Add	*43.22*	
		For Elevated Installation >25' To 30', Add	*60.50*	
		For Elevated Installation >30' To 35', Add	*69.14*	
		For Elevated Installation >35' To 40', Add	*86.43*	
		For Elevated Installation >40', Add	*95.07*	
		For 10" WG (Class A), Add	*79.52*	
23 31 13 16-0025	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	223.60	89.28
		For 3" WG (Class B), Add	*26.79*	
		For 4" Or 6" WG (Class A), Add	*71.43*	
		For 28 Gauge, Deduct	*-6.24*	
		For 24 Gauge, Add	*6.21*	
		For 22 Gauge, Add	*12.40*	
		For 20 Gauge, Add	*18.64*	
		For 18 Gauge, Add	*24.76*	
		For 16 Gauge, Add	*30.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.31*	
		For Work In Restricted Working Space, Add	*53.57*	
		For Elevated Installation >10' To 15', Add	*17.86*	
		For Elevated Installation >15' To 20', Add	*35.72*	
		For Elevated Installation >20' To 25', Add	*44.65*	
		For Elevated Installation >25' To 30', Add	*62.50*	
		For Elevated Installation >30' To 35', Add	*71.43*	
		For Elevated Installation >35' To 40', Add	*89.29*	
		For Elevated Installation >40', Add	*98.22*	
		For 10" WG (Class A), Add	*82.15*	

23 31 13 16-0026 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0027	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	26.33	9.34
		For 3" WG (Class B), Add	*3.50*	
		For 4" Or 6" WG (Class A), Add	*9.34*	
		For 28 Gauge, Deduct	*-0.41*	
		For 24 Gauge, Add	*0.41*	
		For 22 Gauge, Add	*0.82*	
		For 20 Gauge, Add	*1.23*	
		For 18 Gauge, Add	*1.63*	
		For 16 Gauge, Add	*2.00*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.20*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Elevated Installation >10' To 15', Add	*2.34*	
		For Elevated Installation >15' To 20', Add	*4.67*	
		For Elevated Installation >20' To 25', Add	*5.84*	
		For Elevated Installation >25' To 30', Add	*8.18*	
		For Elevated Installation >30' To 35', Add	*9.34*	
		For Elevated Installation >35' To 40', Add	*11.68*	
		For Elevated Installation >40', Add	*12.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0028	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	30.09	10.69
		For 3" WG (Class B), Add	*4.01*	
		For 4" Or 6" WG (Class A), Add	*10.68*	
		For 28 Gauge, Deduct	*-0.47*	
		For 24 Gauge, Add	*0.47*	
		For 22 Gauge, Add	*0.93*	
		For 20 Gauge, Add	*1.40*	
		For 18 Gauge, Add	*1.86*	
		For 16 Gauge, Add	*2.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.51*	
		For Work In Restricted Working Space, Add	*8.01*	
		For Elevated Installation >10' To 15', Add	*2.67*	
		For Elevated Installation >15' To 20', Add	*5.34*	
		For Elevated Installation >20' To 25', Add	*6.68*	
		For Elevated Installation >25' To 30', Add	*9.35*	
		For Elevated Installation >30' To 35', Add	*10.68*	
		For Elevated Installation >35' To 40', Add	*13.35*	
		For Elevated Installation >40', Add	*14.69*	
23 31 13 16-0029	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	35.00	12.46
		For 3" WG (Class B), Add	*4.67*	
		For 4" Or 6" WG (Class A), Add	*12.46*	
		For 28 Gauge, Deduct	*-0.53*	
		For 24 Gauge, Add	*0.53*	
		For 22 Gauge, Add	*1.06*	
		For 20 Gauge, Add	*1.60*	
		For 18 Gauge, Add	*2.12*	
		For 16 Gauge, Add	*2.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.86*	
		For Work In Restricted Working Space, Add	*9.34*	
		For Elevated Installation >10' To 15', Add	*3.11*	
		For Elevated Installation >15' To 20', Add	*6.23*	
		For Elevated Installation >20' To 25', Add	*7.79*	
		For Elevated Installation >25' To 30', Add	*10.90*	
		For Elevated Installation >30' To 35', Add	*12.46*	
		For Elevated Installation >35' To 40', Add	*15.57*	
		For Elevated Installation >40', Add	*17.13*	
23 31 13 16-0030	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	41.47	14.95
		For 3" WG (Class B), Add	*5.61*	
		For 4" Or 6" WG (Class A), Add	*14.95*	
		For 28 Gauge, Deduct	*-0.57*	
		For 24 Gauge, Add	*0.56*	
		For 22 Gauge, Add	*1.13*	
		For 20 Gauge, Add	*1.69*	
		For 18 Gauge, Add	*2.25*	
		For 16 Gauge, Add	*2.76*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.03*	
		For Work In Restricted Working Space, Add	*11.21*	
		For Elevated Installation >10' To 15', Add	*3.74*	
		For Elevated Installation >15' To 20', Add	*7.48*	
		For Elevated Installation >20' To 25', Add	*9.35*	
		For Elevated Installation >25' To 30', Add	*13.08*	
		For Elevated Installation >30' To 35', Add	*14.95*	
		For Elevated Installation >35' To 40', Add	*18.69*	
		For Elevated Installation >40', Add	*20.56*	
23 31 13 16-0031	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	51.46	18.68
		For 3" WG (Class B), Add	*7.01*	
		For 4" Or 6" WG (Class A), Add	*18.69*	
		For 28 Gauge, Deduct	*-0.66*	
		For 24 Gauge, Add	*0.65*	
		For 22 Gauge, Add	*1.31*	
		For 20 Gauge, Add	*1.96*	
		For 18 Gauge, Add	*2.61*	
		For 16 Gauge, Add	*3.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.51*	
		For Work In Restricted Working Space, Add	*14.02*	
		For Elevated Installation >10' To 15', Add	*4.67*	
		For Elevated Installation >15' To 20', Add	*9.34*	
		For Elevated Installation >20' To 25', Add	*11.68*	
		For Elevated Installation >25' To 30', Add	*16.35*	
		For Elevated Installation >30' To 35', Add	*18.69*	
		For Elevated Installation >35' To 40', Add	*23.36*	
		For Elevated Installation >40', Add	*25.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0032	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	69.06	24.92
		For 3" WG (Class B), Add	*9.34*	
		For 4" Or 6" WG (Class A), Add	*24.92*	
		For 28 Gauge, Deduct	*-0.94*	
		For 24 Gauge, Add	*0.93*	
		For 22 Gauge, Add	*1.87*	
		For 20 Gauge, Add	*2.80*	
		For 18 Gauge, Add	*3.72*	
		For 16 Gauge, Add	*4.57*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.01*	
		For Work In Restricted Working Space, Add	*18.69*	
		For Elevated Installation >10' To 15', Add	*6.23*	
		For Elevated Installation >15' To 20', Add	*12.46*	
		For Elevated Installation >20' To 25', Add	*15.57*	
		For Elevated Installation >25' To 30', Add	*21.80*	
		For Elevated Installation >30' To 35', Add	*24.92*	
		For Elevated Installation >35' To 40', Add	*31.15*	
		For Elevated Installation >40', Add	*34.26*	
23 31 13 16-0033	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	102.40	37.38
		For 3" WG (Class B), Add	*14.02*	
		For 4" Or 6" WG (Class A), Add	*37.38*	
		For 28 Gauge, Deduct	*-1.24*	
		For 24 Gauge, Add	*1.24*	
		For 22 Gauge, Add	*2.47*	
		For 20 Gauge, Add	*3.71*	
		For 18 Gauge, Add	*4.93*	
		For 16 Gauge, Add	*6.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.63*	
		For Work In Restricted Working Space, Add	*28.03*	
		For Elevated Installation >10' To 15', Add	*9.34*	
		For Elevated Installation >15' To 20', Add	*18.69*	
		For Elevated Installation >20' To 25', Add	*23.36*	
		For Elevated Installation >25' To 30', Add	*32.70*	
		For Elevated Installation >30' To 35', Add	*37.38*	
		For Elevated Installation >35' To 40', Add	*46.72*	
		For Elevated Installation >40', Add	*51.39*	
23 31 13 16-0034	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	136.18	47.75
		For 3" WG (Class B), Add	*17.91*	
		For 4" Or 6" WG (Class A), Add	*47.76*	
		For 28 Gauge, Deduct	*-2.32*	
		For 24 Gauge, Add	*2.32*	
		For 22 Gauge, Add	*4.62*	
		For 20 Gauge, Add	*6.95*	
		For 18 Gauge, Add	*9.23*	
		For 16 Gauge, Add	*11.33*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.42*	
		For Work In Restricted Working Space, Add	*35.82*	
		For Elevated Installation >10' To 15', Add	*11.94*	
		For Elevated Installation >15' To 20', Add	*23.88*	
		For Elevated Installation >20' To 25', Add	*29.85*	
		For Elevated Installation >25' To 30', Add	*41.79*	
		For Elevated Installation >30' To 35', Add	*47.76*	
		For Elevated Installation >35' To 40', Add	*59.70*	
		For Elevated Installation >40', Add	*65.67*	
23 31 13 16-0035	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	171.07	60.21
		For 3" WG (Class B), Add	*22.58*	
		For 4" Or 6" WG (Class A), Add	*60.22*	
		For 28 Gauge, Deduct	*-2.84*	
		For 24 Gauge, Add	*2.83*	
		For 22 Gauge, Add	*5.66*	
		For 20 Gauge, Add	*8.50*	
		For 18 Gauge, Add	*11.29*	
		For 16 Gauge, Add	*13.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.19*	
		For Work In Restricted Working Space, Add	*45.16*	
		For Elevated Installation >10' To 15', Add	*15.05*	
		For Elevated Installation >15' To 20', Add	*30.11*	
		For Elevated Installation >20' To 25', Add	*37.64*	
		For Elevated Installation >25' To 30', Add	*52.69*	
		For Elevated Installation >30' To 35', Add	*60.22*	
		For Elevated Installation >35' To 40', Add	*75.27*	
		For Elevated Installation >40', Add	*82.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0036	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	188.67	62.82
		For 3" WG (Class B), Add	*23.52*	
		For 4" Or 6" WG (Class A), Add	*62.71*	
		For 28 Gauge, Deduct	*-4.42*	
		For 24 Gauge, Add	*4.40*	
		For 22 Gauge, Add	*8.79*	
		For 20 Gauge, Add	*13.20*	
		For 18 Gauge, Add	*17.54*	
		For 16 Gauge, Add	*21.53*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.60*	
		For Work In Restricted Working Space, Add	*47.03*	
		For Elevated Installation >10' To 15', Add	*15.68*	
		For Elevated Installation >15' To 20', Add	*31.36*	
		For Elevated Installation >20' To 25', Add	*39.20*	
		For Elevated Installation >25' To 30', Add	*54.87*	
		For Elevated Installation >30' To 35', Add	*62.71*	
		For Elevated Installation >35' To 40', Add	*78.39*	
		For Elevated Installation >40', Add	*86.23*	
		For 10" WG (Class A), Add	*72.12*	
23 31 13 16-0037	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	203.45	64.37
		For 3" WG (Class B), Add	*24.14*	
		For 4" Or 6" WG (Class A), Add	*64.37*	
		For 28 Gauge, Deduct	*-5.89*	
		For 24 Gauge, Add	*5.87*	
		For 22 Gauge, Add	*11.71*	
		For 20 Gauge, Add	*17.60*	
		For 18 Gauge, Add	*23.39*	
		For 16 Gauge, Add	*28.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.46*	
		For Work In Restricted Working Space, Add	*48.28*	
		For Elevated Installation >10' To 15', Add	*16.09*	
		For Elevated Installation >15' To 20', Add	*32.19*	
		For Elevated Installation >20' To 25', Add	*40.23*	
		For Elevated Installation >25' To 30', Add	*56.33*	
		For Elevated Installation >30' To 35', Add	*64.37*	
		For Elevated Installation >35' To 40', Add	*80.47*	
		For Elevated Installation >40', Add	*88.51*	
		For 10" WG (Class A), Add	*74.03*	

23 31 13 16-0038 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0039	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	25.23	9.34
		For 3" WG (Class B), Add	*3.50*	
		For 4" Or 6" WG (Class A), Add	*9.34*	
		For 28 Gauge, Deduct	*-0.26*	
		For 24 Gauge, Add	*0.26*	
		For 22 Gauge, Add	*0.52*	
		For 20 Gauge, Add	*0.77*	
		For 18 Gauge, Add	*1.03*	
		For 16 Gauge, Add	*1.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.38*	
		For Work In Restricted Working Space, Add	*7.01*	
		For Elevated Installation >10' To 15', Add	*2.34*	
		For Elevated Installation >15' To 20', Add	*4.67*	
		For Elevated Installation >20' To 25', Add	*5.84*	
		For Elevated Installation >25' To 30', Add	*8.18*	
		For Elevated Installation >30' To 35', Add	*9.34*	
		For Elevated Installation >35' To 40', Add	*11.68*	
		For Elevated Installation >40', Add	*12.85*	
23 31 13 16-0040	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	29.10	10.69
		For 3" WG (Class B), Add	*4.01*	
		For 4" Or 6" WG (Class A), Add	*10.68*	
		For 28 Gauge, Deduct	*-0.33*	
		For 24 Gauge, Add	*0.33*	
		For 22 Gauge, Add	*0.66*	
		For 20 Gauge, Add	*0.99*	
		For 18 Gauge, Add	*1.32*	
		For 16 Gauge, Add	*1.62*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.78*	
		For Work In Restricted Working Space, Add	*8.01*	
		For Elevated Installation >10' To 15', Add	*2.67*	
		For Elevated Installation >15' To 20', Add	*5.34*	
		For Elevated Installation >20' To 25', Add	*6.68*	
		For Elevated Installation >25' To 30', Add	*9.35*	
		For Elevated Installation >30' To 35', Add	*10.68*	
		For Elevated Installation >35' To 40', Add	*13.35*	
		For Elevated Installation >40', Add	*14.69*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0041	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	33.76	12.46
		For 3" WG (Class B), Add	*4.67*	
		For 4" Or 6" WG (Class A), Add	*12.46*	
		For 28 Gauge, Deduct	*-0.36*	
		For 24 Gauge, Add	*0.36*	
		For 22 Gauge, Add	*0.72*	
		For 20 Gauge, Add	*1.08*	
		For 18 Gauge, Add	*1.44*	
		For 16 Gauge, Add	*1.77*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.94*	
		For Work In Restricted Working Space, Add	*9.34*	
		For Elevated Installation >10' To 15', Add	*3.11*	
		For Elevated Installation >15' To 20', Add	*6.23*	
		For Elevated Installation >20' To 25', Add	*7.79*	
		For Elevated Installation >25' To 30', Add	*10.90*	
		For Elevated Installation >30' To 35', Add	*12.46*	
		For Elevated Installation >35' To 40', Add	*15.57*	
		For Elevated Installation >40', Add	*17.13*	
23 31 13 16-0042	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	40.41	14.95
		For 3" WG (Class B), Add	*5.61*	
		For 4" Or 6" WG (Class A), Add	*14.95*	
		For 28 Gauge, Deduct	*-0.42*	
		For 24 Gauge, Add	*0.42*	
		For 22 Gauge, Add	*0.83*	
		For 20 Gauge, Add	*1.25*	
		For 18 Gauge, Add	*1.67*	
		For 16 Gauge, Add	*2.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.24*	
		For Work In Restricted Working Space, Add	*11.21*	
		For Elevated Installation >10' To 15', Add	*3.74*	
		For Elevated Installation >15' To 20', Add	*7.48*	
		For Elevated Installation >20' To 25', Add	*9.35*	
		For Elevated Installation >25' To 30', Add	*13.08*	
		For Elevated Installation >30' To 35', Add	*14.95*	
		For Elevated Installation >35' To 40', Add	*18.69*	
		For Elevated Installation >40', Add	*20.56*	
23 31 13 16-0043	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	50.17	18.68
		For 3" WG (Class B), Add	*7.01*	
		For 4" Or 6" WG (Class A), Add	*18.69*	
		For 28 Gauge, Deduct	*-0.48*	
		For 24 Gauge, Add	*0.48*	
		For 22 Gauge, Add	*0.95*	
		For 20 Gauge, Add	*1.43*	
		For 18 Gauge, Add	*1.90*	
		For 16 Gauge, Add	*2.33*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.55*	
		For Work In Restricted Working Space, Add	*14.02*	
		For Elevated Installation >10' To 15', Add	*4.67*	
		For Elevated Installation >15' To 20', Add	*9.34*	
		For Elevated Installation >20' To 25', Add	*11.68*	
		For Elevated Installation >25' To 30', Add	*16.35*	
		For Elevated Installation >30' To 35', Add	*18.69*	
		For Elevated Installation >35' To 40', Add	*23.36*	
		For Elevated Installation >40', Add	*25.70*	
23 31 13 16-0044	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	67.55	24.92
		For 3" WG (Class B), Add	*9.34*	
		For 4" Or 6" WG (Class A), Add	*24.92*	
		For 28 Gauge, Deduct	*-0.73*	
		For 24 Gauge, Add	*0.73*	
		For 22 Gauge, Add	*1.45*	
		For 20 Gauge, Add	*2.18*	
		For 18 Gauge, Add	*2.89*	
		For 16 Gauge, Add	*3.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.89*	
		For Work In Restricted Working Space, Add	*18.69*	
		For Elevated Installation >10' To 15', Add	*6.23*	
		For Elevated Installation >15' To 20', Add	*12.46*	
		For Elevated Installation >20' To 25', Add	*15.57*	
		For Elevated Installation >25' To 30', Add	*21.80*	
		For Elevated Installation >30' To 35', Add	*24.92*	
		For Elevated Installation >35' To 40', Add	*31.15*	
		For Elevated Installation >40', Add	*34.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0045	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	100.21	37.38
		For 3" WG (Class B), Add	*14.02*	
		For 4" Or 6" WG (Class A), Add	*37.38*	
		For 28 Gauge, Deduct	*-0.94*	
		For 24 Gauge, Add	*0.93*	
		For 22 Gauge, Add	*1.87*	
		For 20 Gauge, Add	*2.80*	
		For 18 Gauge, Add	*3.72*	
		For 16 Gauge, Add	*4.57*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.01*	
		For Work In Restricted Working Space, Add	*28.03*	
		For Elevated Installation >10' To 15', Add	*9.34*	
		For Elevated Installation >15' To 20', Add	*18.69*	
		For Elevated Installation >20' To 25', Add	*23.36*	
		For Elevated Installation >25' To 30', Add	*32.70*	
		For Elevated Installation >30' To 35', Add	*37.38*	
		For Elevated Installation >35' To 40', Add	*46.72*	
		For Elevated Installation >40', Add	*51.39*	
23 31 13 16-0046	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	131.12	47.75
		For 3" WG (Class B), Add	*17.91*	
		For 4" Or 6" WG (Class A), Add	*47.76*	
		For 28 Gauge, Deduct	*-1.62*	
		For 24 Gauge, Add	*1.62*	
		For 22 Gauge, Add	*3.23*	
		For 20 Gauge, Add	*4.85*	
		For 18 Gauge, Add	*6.45*	
		For 16 Gauge, Add	*7.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.67*	
		For Work In Restricted Working Space, Add	*35.82*	
		For Elevated Installation >10' To 15', Add	*11.94*	
		For Elevated Installation >15' To 20', Add	*23.88*	
		For Elevated Installation >20' To 25', Add	*29.85*	
		For Elevated Installation >25' To 30', Add	*41.79*	
		For Elevated Installation >30' To 35', Add	*47.76*	
		For Elevated Installation >35' To 40', Add	*59.70*	
		For Elevated Installation >40', Add	*65.67*	
23 31 13 16-0047	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	169.77	60.21
		For 3" WG (Class B), Add	*22.58*	
		For 4" Or 6" WG (Class A), Add	*60.22*	
		For 28 Gauge, Deduct	*-2.66*	
		For 24 Gauge, Add	*2.65*	
		For 22 Gauge, Add	*5.30*	
		For 20 Gauge, Add	*7.96*	
		For 18 Gauge, Add	*10.58*	
		For 16 Gauge, Add	*12.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.23*	
		For Work In Restricted Working Space, Add	*45.16*	
		For Elevated Installation >10' To 15', Add	*15.05*	
		For Elevated Installation >15' To 20', Add	*30.11*	
		For Elevated Installation >20' To 25', Add	*37.64*	
		For Elevated Installation >25' To 30', Add	*52.69*	
		For Elevated Installation >30' To 35', Add	*60.22*	
		For Elevated Installation >35' To 40', Add	*75.27*	
		For Elevated Installation >40', Add	*82.80*	
23 31 13 16-0048	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	180.02	62.82
		For 3" WG (Class B), Add	*23.52*	
		For 4" Or 6" WG (Class A), Add	*62.71*	
		For 28 Gauge, Deduct	*-3.22*	
		For 24 Gauge, Add	*3.21*	
		For 22 Gauge, Add	*6.40*	
		For 20 Gauge, Add	*9.62*	
		For 18 Gauge, Add	*12.78*	
		For 16 Gauge, Add	*15.69*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.20*	
		For Work In Restricted Working Space, Add	*47.03*	
		For Elevated Installation >10' To 15', Add	*15.68*	
		For Elevated Installation >15' To 20', Add	*31.36*	
		For Elevated Installation >20' To 25', Add	*39.20*	
		For Elevated Installation >25' To 30', Add	*54.87*	
		For Elevated Installation >30' To 35', Add	*62.71*	
		For Elevated Installation >35' To 40', Add	*78.39*	
		For Elevated Installation >40', Add	*86.23*	
		For 10" WG (Class A), Add	*72.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0049	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	190.71	64.37
		For 3" WG (Class B), Add	*24.14*	
		For 4" Or 6" WG (Class A), Add	*64.37*	
		For 28 Gauge, Deduct	*-4.12*	
		For 24 Gauge, Add	*4.11*	
		For 22 Gauge, Add	*8.20*	
		For 20 Gauge, Add	*12.33*	
		For 18 Gauge, Add	*16.38*	
		For 16 Gauge, Add	*20.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*22.04*	
		For Work In Restricted Working Space, Add	*48.28*	
		For Elevated Installation >10' To 15', Add	*16.09*	
		For Elevated Installation >15' To 20', Add	*32.19*	
		For Elevated Installation >20' To 25', Add	*40.23*	
		For Elevated Installation >25' To 30', Add	*56.33*	
		For Elevated Installation >30' To 35', Add	*64.37*	
		For Elevated Installation >35' To 40', Add	*80.47*	
		For Elevated Installation >40', Add	*88.51*	
		For 10" WG (Class A), Add	*74.03*	

23 31 13 16-0050 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tees *(23 31 13 16-0001)*

23 31 13 16-0051	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	39.19	14.02
		For 3" WG (Class B), Add	*5.25*	
		For 4" Or 6" WG (Class A), Add	*14.01*	
		For 28 Gauge, Deduct	*-0.58*	
		For 24 Gauge, Add	*0.57*	
		For 22 Gauge, Add	*1.15*	
		For 20 Gauge, Add	*1.72*	
		For 18 Gauge, Add	*2.29*	
		For 16 Gauge, Add	*2.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.08*	
		For Work In Restricted Working Space, Add	*10.51*	
		For Elevated Installation >10' To 15', Add	*3.50*	
		For Elevated Installation >15' To 20', Add	*7.01*	
		For Elevated Installation >20' To 25', Add	*8.76*	
		For Elevated Installation >25' To 30', Add	*12.26*	
		For Elevated Installation >30' To 35', Add	*14.01*	
		For Elevated Installation >35' To 40', Add	*17.52*	
		For Elevated Installation >40', Add	*19.27*	
23 31 13 16-0052	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	45.57	15.99
		For 3" WG (Class B), Add	*6.01*	
		For 4" Or 6" WG (Class A), Add	*16.02*	
		For 28 Gauge, Deduct	*-0.76*	
		For 24 Gauge, Add	*0.76*	
		For 22 Gauge, Add	*1.52*	
		For 20 Gauge, Add	*2.29*	
		For 18 Gauge, Add	*3.04*	
		For 16 Gauge, Add	*3.73*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.08*	
		For Work In Restricted Working Space, Add	*12.02*	
		For Elevated Installation >10' To 15', Add	*4.01*	
		For Elevated Installation >15' To 20', Add	*8.01*	
		For Elevated Installation >20' To 25', Add	*10.01*	
		For Elevated Installation >25' To 30', Add	*14.02*	
		For Elevated Installation >30' To 35', Add	*16.02*	
		For Elevated Installation >35' To 40', Add	*20.03*	
		For Elevated Installation >40', Add	*22.03*	
23 31 13 16-0053	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	52.71	18.68
		For 3" WG (Class B), Add	*7.01*	
		For 4" Or 6" WG (Class A), Add	*18.69*	
		For 28 Gauge, Deduct	*-0.83*	
		For 24 Gauge, Add	*0.83*	
		For 22 Gauge, Add	*1.65*	
		For 20 Gauge, Add	*2.48*	
		For 18 Gauge, Add	*3.29*	
		For 16 Gauge, Add	*4.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.43*	
		For Work In Restricted Working Space, Add	*14.02*	
		For Elevated Installation >10' To 15', Add	*4.67*	
		For Elevated Installation >15' To 20', Add	*9.34*	
		For Elevated Installation >20' To 25', Add	*11.68*	
		For Elevated Installation >25' To 30', Add	*16.35*	
		For Elevated Installation >30' To 35', Add	*18.69*	
		For Elevated Installation >35' To 40', Add	*23.36*	
		For Elevated Installation >40', Add	*25.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0054	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	62.96	22.42
		For 3" WG (Class B), Add	*8.41*	
		For 4" Or 6" WG (Class A), Add	*22.42*	
		For 28 Gauge, Deduct	*-0.96*	
		For 24 Gauge, Add	*0.95*	
		For 22 Gauge, Add	*1.90*	
		For 20 Gauge, Add	*2.86*	
		For 18 Gauge, Add	*3.80*	
		For 16 Gauge, Add	*4.66*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.11*	
		For Work In Restricted Working Space, Add	*16.82*	
		For Elevated Installation >10' To 15', Add	*5.61*	
		For Elevated Installation >15' To 20', Add	*11.21*	
		For Elevated Installation >20' To 25', Add	*14.02*	
		For Elevated Installation >25' To 30', Add	*19.62*	
		For Elevated Installation >30' To 35', Add	*22.42*	
		For Elevated Installation >35' To 40', Add	*28.03*	
		For Elevated Installation >40', Add	*30.83*	
23 31 13 16-0055	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	81.24	28.03
		For 3" WG (Class B), Add	*10.51*	
		For 4" Or 6" WG (Class A), Add	*28.04*	
		For 28 Gauge, Deduct	*-1.54*	
		For 24 Gauge, Add	*1.54*	
		For 22 Gauge, Add	*3.07*	
		For 20 Gauge, Add	*4.62*	
		For 18 Gauge, Add	*6.13*	
		For 16 Gauge, Add	*7.53*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.25*	
		For Work In Restricted Working Space, Add	*21.03*	
		For Elevated Installation >10' To 15', Add	*7.01*	
		For Elevated Installation >15' To 20', Add	*14.02*	
		For Elevated Installation >20' To 25', Add	*17.52*	
		For Elevated Installation >25' To 30', Add	*24.53*	
		For Elevated Installation >30' To 35', Add	*28.04*	
		For Elevated Installation >35' To 40', Add	*35.05*	
		For Elevated Installation >40', Add	*38.55*	
23 31 13 16-0056	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	107.67	37.38
		For 3" WG (Class B), Add	*14.02*	
		For 4" Or 6" WG (Class A), Add	*37.38*	
		For 28 Gauge, Deduct	*-1.97*	
		For 24 Gauge, Add	*1.96*	
		For 22 Gauge, Add	*3.92*	
		For 20 Gauge, Add	*5.89*	
		For 18 Gauge, Add	*7.83*	
		For 16 Gauge, Add	*9.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.53*	
		For Work In Restricted Working Space, Add	*28.03*	
		For Elevated Installation >10' To 15', Add	*9.34*	
		For Elevated Installation >15' To 20', Add	*18.69*	
		For Elevated Installation >20' To 25', Add	*23.36*	
		For Elevated Installation >25' To 30', Add	*32.70*	
		For Elevated Installation >30' To 35', Add	*37.38*	
		For Elevated Installation >35' To 40', Add	*46.72*	
		For Elevated Installation >40', Add	*51.39*	
23 31 13 16-0057	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	154.36	56.06
		For 3" WG (Class B), Add	*21.02*	
		For 4" Or 6" WG (Class A), Add	*56.05*	
		For 28 Gauge, Deduct	*-1.97*	
		For 24 Gauge, Add	*1.96*	
		For 22 Gauge, Add	*3.92*	
		For 20 Gauge, Add	*5.89*	
		For 18 Gauge, Add	*7.83*	
		For 16 Gauge, Add	*9.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.53*	
		For Work In Restricted Working Space, Add	*42.04*	
		For Elevated Installation >10' To 15', Add	*14.01*	
		For Elevated Installation >15' To 20', Add	*28.03*	
		For Elevated Installation >20' To 25', Add	*35.03*	
		For Elevated Installation >25' To 30', Add	*49.05*	
		For Elevated Installation >30' To 35', Add	*56.05*	
		For Elevated Installation >35' To 40', Add	*70.07*	
		For Elevated Installation >40', Add	*77.07*	
23 31 13 16-0058	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	206.11	71.43
		For 3" WG (Class B), Add	*26.85*	
		For 4" Or 6" WG (Class A), Add	*71.60*	
		For 28 Gauge, Deduct	*-3.75*	
		For 24 Gauge, Add	*3.74*	
		For 22 Gauge, Add	*7.47*	
		For 20 Gauge, Add	*11.22*	
		For 18 Gauge, Add	*14.91*	
		For 16 Gauge, Add	*18.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.05*	
		For Work In Restricted Working Space, Add	*53.70*	
		For Elevated Installation >10' To 15', Add	*17.90*	
		For Elevated Installation >15' To 20', Add	*35.80*	
		For Elevated Installation >20' To 25', Add	*44.75*	
		For Elevated Installation >25' To 30', Add	*62.65*	
		For Elevated Installation >30' To 35', Add	*71.60*	
		For Elevated Installation >35' To 40', Add	*89.51*	
		For Elevated Installation >40', Add	*98.46*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0059	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	263.75	90.53
		For 3" WG (Class B), Add	*33.86*	
		For 4" Or 6" WG (Class A), Add	*90.28*	
		For 28 Gauge, Deduct	*-5.27*	
		For 24 Gauge, Add	*5.25*	
		For 22 Gauge, Add	*10.48*	
		For 20 Gauge, Add	*15.75*	
		For 18 Gauge, Add	*20.92*	
		For 16 Gauge, Add	*25.68*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.15*	
		For Work In Restricted Working Space, Add	*67.71*	
		For Elevated Installation >10' To 15', Add	*22.57*	
		For Elevated Installation >15' To 20', Add	*45.14*	
		For Elevated Installation >20' To 25', Add	*56.43*	
		For Elevated Installation >25' To 30', Add	*79.00*	
		For Elevated Installation >30' To 35', Add	*90.28*	
		For Elevated Installation >35' To 40', Add	*112.86*	
		For Elevated Installation >40', Add	*124.14*	
23 31 13 16-0060	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	300.75	100.71
		For 3" WG (Class B), Add	*37.84*	
		For 4" Or 6" WG (Class A), Add	*100.92*	
		For 28 Gauge, Deduct	*-6.71*	
		For 24 Gauge, Add	*6.69*	
		For 22 Gauge, Add	*13.35*	
		For 20 Gauge, Add	*20.06*	
		For 18 Gauge, Add	*26.65*	
		For 16 Gauge, Add	*32.71*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*35.86*	
		For Work In Restricted Working Space, Add	*75.69*	
		For Elevated Installation >10' To 15', Add	*25.23*	
		For Elevated Installation >15' To 20', Add	*50.46*	
		For Elevated Installation >20' To 25', Add	*63.07*	
		For Elevated Installation >25' To 30', Add	*88.30*	
		For Elevated Installation >30' To 35', Add	*100.92*	
		For Elevated Installation >35' To 40', Add	*126.15*	
		For Elevated Installation >40', Add	*138.76*	
		For 10" WG (Class A), Add	*116.05*	
23 31 13 16-0061	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Tee	314.38	104.35
		For 3" WG (Class B), Add	*39.09*	
		For 4" Or 6" WG (Class A), Add	*104.24*	
		For 28 Gauge, Deduct	*-7.45*	
		For 24 Gauge, Add	*7.42*	
		For 22 Gauge, Add	*14.82*	
		For 20 Gauge, Add	*22.26*	
		For 18 Gauge, Add	*29.58*	
		For 16 Gauge, Add	*36.30*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*39.80*	
		For Work In Restricted Working Space, Add	*78.18*	
		For Elevated Installation >10' To 15', Add	*26.06*	
		For Elevated Installation >15' To 20', Add	*52.12*	
		For Elevated Installation >20' To 25', Add	*65.15*	
		For Elevated Installation >25' To 30', Add	*91.21*	
		For Elevated Installation >30' To 35', Add	*104.24*	
		For Elevated Installation >35' To 40', Add	*130.30*	
		For Elevated Installation >40', Add	*143.33*	
		For 10" WG (Class A), Add	*119.88*	

23 31 13 16-0062 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connectors *(23 31 13 16-0001)*

23 31 13 16-0063	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	18.01
		For 3" WG (Class B), Add	*2.49*
		For 4" Or 6" WG (Class A), Add	*6.64*
		For Work In Restricted Working Space, Add	*4.98*
		For Elevated Installation >10' To 15', Add	*1.66*
		For Elevated Installation >15' To 20', Add	*3.32*
		For Elevated Installation >20' To 25', Add	*4.15*
		For Elevated Installation >25' To 30', Add	*5.81*
		For Elevated Installation >30' To 35', Add	*6.64*
		For Elevated Installation >35' To 40', Add	*8.31*
		For Elevated Installation >40', Add	*9.14*
23 31 13 16-0064	EA	5" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	18.96
		For 3" WG (Class B), Add	*2.62*
		For 4" Or 6" WG (Class A), Add	*6.98*
		For Work In Restricted Working Space, Add	*5.24*
		For Elevated Installation >10' To 15', Add	*1.75*
		For Elevated Installation >15' To 20', Add	*3.49*
		For Elevated Installation >20' To 25', Add	*4.37*
		For Elevated Installation >25' To 30', Add	*6.11*
		For Elevated Installation >30' To 35', Add	*6.98*
		For Elevated Installation >35' To 40', Add	*8.73*
		For Elevated Installation >40', Add	*9.60*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0065	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	20.30	
		For 3" WG (Class B), Add	*2.80*	
		For 4" Or 6" WG (Class A), Add	*7.47*	
		For Work In Restricted Working Space, Add	*5.60*	
		For Elevated Installation >10' To 15', Add	*1.87*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Elevated Installation >20' To 25', Add	*4.67*	
		For Elevated Installation >25' To 30', Add	*6.54*	
		For Elevated Installation >30' To 35', Add	*7.47*	
		For Elevated Installation >35' To 40', Add	*9.34*	
		For Elevated Installation >40', Add	*10.27*	
23 31 13 16-0066	EA	7" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	21.57	
		For 3" WG (Class B), Add	*2.96*	
		For 4" Or 6" WG (Class A), Add	*7.89*	
		For Work In Restricted Working Space, Add	*5.92*	
		For Elevated Installation >10' To 15', Add	*1.97*	
		For Elevated Installation >15' To 20', Add	*3.95*	
		For Elevated Installation >20' To 25', Add	*4.93*	
		For Elevated Installation >25' To 30', Add	*6.91*	
		For Elevated Installation >30' To 35', Add	*7.89*	
		For Elevated Installation >35' To 40', Add	*9.87*	
		For Elevated Installation >40', Add	*10.85*	
23 31 13 16-0067	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	23.37	
		For 3" WG (Class B), Add	*3.19*	
		For 4" Or 6" WG (Class A), Add	*8.52*	
		For Work In Restricted Working Space, Add	*6.39*	
		For Elevated Installation >10' To 15', Add	*2.13*	
		For Elevated Installation >15' To 20', Add	*4.26*	
		For Elevated Installation >20' To 25', Add	*5.32*	
		For Elevated Installation >25' To 30', Add	*7.45*	
		For Elevated Installation >30' To 35', Add	*8.52*	
		For Elevated Installation >35' To 40', Add	*10.65*	
		For Elevated Installation >40', Add	*11.71*	
23 31 13 16-0068	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	27.05	
		For 3" WG (Class B), Add	*3.57*	
		For 4" Or 6" WG (Class A), Add	*9.51*	
		For Work In Restricted Working Space, Add	*7.13*	
		For Elevated Installation >10' To 15', Add	*2.38*	
		For Elevated Installation >15' To 20', Add	*4.75*	
		For Elevated Installation >20' To 25', Add	*5.94*	
		For Elevated Installation >25' To 30', Add	*8.32*	
		For Elevated Installation >30' To 35', Add	*9.51*	
		For Elevated Installation >35' To 40', Add	*11.89*	
		For Elevated Installation >40', Add	*13.07*	
23 31 13 16-0069	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	37.18	
		For 3" WG (Class B), Add	*4.98*	
		For 4" Or 6" WG (Class A), Add	*13.29*	
		For Work In Restricted Working Space, Add	*9.97*	
		For Elevated Installation >10' To 15', Add	*3.32*	
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Elevated Installation >20' To 25', Add	*8.31*	
		For Elevated Installation >25' To 30', Add	*11.63*	
		For Elevated Installation >30' To 35', Add	*13.29*	
		For Elevated Installation >35' To 40', Add	*16.61*	
		For Elevated Installation >40', Add	*18.27*	
23 31 13 16-0070	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	42.42	
		For 3" WG (Class B), Add	*5.67*	
		For 4" Or 6" WG (Class A), Add	*15.12*	
		For Work In Restricted Working Space, Add	*11.34*	
		For Elevated Installation >10' To 15', Add	*3.78*	
		For Elevated Installation >15' To 20', Add	*7.56*	
		For Elevated Installation >20' To 25', Add	*9.45*	
		For Elevated Installation >25' To 30', Add	*13.23*	
		For Elevated Installation >30' To 35', Add	*15.12*	
		For Elevated Installation >35' To 40', Add	*18.91*	
		For Elevated Installation >40', Add	*20.80*	
23 31 13 16-0071	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	46.59	
		For 3" WG (Class B), Add	*6.21*	
		For 4" Or 6" WG (Class A), Add	*16.57*	
		For Work In Restricted Working Space, Add	*12.43*	
		For Elevated Installation >10' To 15', Add	*4.14*	
		For Elevated Installation >15' To 20', Add	*8.29*	
		For Elevated Installation >20' To 25', Add	*10.36*	
		For Elevated Installation >25' To 30', Add	*14.50*	
		For Elevated Installation >30' To 35', Add	*16.57*	
		For Elevated Installation >35' To 40', Add	*20.72*	
		For Elevated Installation >40', Add	*22.79*	
23 31 13 16-0072	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	50.61	
		For 3" WG (Class B), Add	*6.73*	
		For 4" Or 6" WG (Class A), Add	*17.94*	
		For Work In Restricted Working Space, Add	*13.46*	
		For Elevated Installation >10' To 15', Add	*4.49*	
		For Elevated Installation >15' To 20', Add	*8.97*	
		For Elevated Installation >20' To 25', Add	*11.21*	
		For Elevated Installation >25' To 30', Add	*15.70*	
		For Elevated Installation >30' To 35', Add	*17.94*	
		For Elevated Installation >35' To 40', Add	*22.43*	
		For Elevated Installation >40', Add	*24.67*	
		For 10" WG (Class A), Add	*20.63*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0073	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Galvanized Sheet Metal Round And Flat-Oval Connector	55.15	
		For 3" WG (Class B), Add	*7.34*	
		For 4" Or 6" WG (Class A), Add	*19.56*	
		For Work In Restricted Working Space, Add	*14.67*	
		For Elevated Installation >10' To 15', Add	*4.89*	
		For Elevated Installation >15' To 20', Add	*9.78*	
		For Elevated Installation >20' To 25', Add	*12.23*	
		For Elevated Installation >25' To 30', Add	*17.12*	
		For Elevated Installation >30' To 35', Add	*19.56*	
		For Elevated Installation >35' To 40', Add	*24.45*	
		For Elevated Installation >40', Add	*26.90*	
		For 10" WG (Class A), Add	*22.49*	
23 31 13 16-0074		Slip Joint, Galvanized, Spiral Duct And Fittings *(23 31 13 16)*		
23 31 13 16-0075		Slip Joint, Galvanized, Spiral Duct *(23 31 13 16-0074)*		
23 31 13 16-0076	LF	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	6.52	0.96
		For 3" WG (Class B), Add	*0.77*	
		For 4" Or 6" WG (Class A), Add	*2.05*	
		For 24 Gauge, Add	*0.28*	
		For 22 Gauge, Add	*0.64*	
		For 20 Gauge, Add	*1.04*	
		For 18 Gauge, Add	*1.60*	
		For 16 Gauge, Add	*1.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.03*	
		For Work In Restricted Working Space, Add	*1.54*	
23 31 13 16-0077	LF	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	8.16	1.91
		For 3" WG (Class B), Add	*0.92*	
		For 4" Or 6" WG (Class A), Add	*2.46*	
		For 24 Gauge, Add	*0.40*	
		For 22 Gauge, Add	*0.92*	
		For 20 Gauge, Add	*1.51*	
		For 18 Gauge, Add	*2.31*	
		For 16 Gauge, Add	*2.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.49*	
		For Work In Restricted Working Space, Add	*1.85*	
23 31 13 16-0078	LF	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	10.26	1.91
		For 3" WG (Class B), Add	*1.14*	
		For 4" Or 6" WG (Class A), Add	*3.05*	
		For 24 Gauge, Add	*0.53*	
		For 22 Gauge, Add	*1.21*	
		For 20 Gauge, Add	*1.98*	
		For 18 Gauge, Add	*3.04*	
		For 16 Gauge, Add	*3.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.95*	
		For Work In Restricted Working Space, Add	*2.29*	
23 31 13 16-0079	LF	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	12.41	1.91
		For 3" WG (Class B), Add	*1.37*	
		For 4" Or 6" WG (Class A), Add	*3.66*	
		For 24 Gauge, Add	*0.65*	
		For 22 Gauge, Add	*1.50*	
		For 20 Gauge, Add	*2.45*	
		For 18 Gauge, Add	*3.75*	
		For 16 Gauge, Add	*4.56*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.41*	
		For Work In Restricted Working Space, Add	*2.75*	
23 31 13 16-0080	LF	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	15.48	2.87
		For 3" WG (Class B), Add	*1.72*	
		For 4" Or 6" WG (Class A), Add	*4.59*	
		For 24 Gauge, Add	*0.80*	
		For 22 Gauge, Add	*1.84*	
		For 20 Gauge, Add	*3.01*	
		For 18 Gauge, Add	*4.61*	
		For 16 Gauge, Add	*5.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.97*	
		For Work In Restricted Working Space, Add	*3.44*	
23 31 13 16-0081	LF	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	18.99	2.87
		For 3" WG (Class B), Add	*2.15*	
		For 4" Or 6" WG (Class A), Add	*5.74*	
		For 24 Gauge, Add	*0.93*	
		For 22 Gauge, Add	*2.14*	
		For 20 Gauge, Add	*3.49*	
		For 18 Gauge, Add	*5.35*	
		For 16 Gauge, Add	*6.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.44*	
		For Work In Restricted Working Space, Add	*4.30*	
23 31 13 16-0082	LF	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	25.85	2.87
		For 3" WG (Class B), Add	*2.87*	
		For 4" Or 6" WG (Class A), Add	*7.64*	
		For 24 Gauge, Add	*1.35*	
		For 22 Gauge, Add	*3.11*	
		For 20 Gauge, Add	*5.06*	
		For 18 Gauge, Add	*7.76*	
		For 16 Gauge, Add	*9.45*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.00*	
		For Work In Restricted Working Space, Add	*5.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0083	LF	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	29.75	3.82
		For 3" WG (Class B), Add	*3.34*	
		For 4" Or 6" WG (Class A), Add	*8.90*	
		For 24 Gauge, Add	*1.50*	
		For 22 Gauge, Add	*3.45*	
		For 20 Gauge, Add	*5.62*	
		For 18 Gauge, Add	*8.61*	
		For 16 Gauge, Add	*10.49*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.54*	
		For Work In Restricted Working Space, Add	*6.68*	
23 31 13 16-0084	LF	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	33.63	3.82
		For 3" WG (Class B), Add	*3.79*	
		For 4" Or 6" WG (Class A), Add	*10.11*	
		For 24 Gauge, Add	*1.67*	
		For 22 Gauge, Add	*3.84*	
		For 20 Gauge, Add	*6.26*	
		For 18 Gauge, Add	*9.60*	
		For 16 Gauge, Add	*11.69*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.18*	
		For Work In Restricted Working Space, Add	*7.58*	
23 31 13 16-0085	LF	22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	37.70	4.78
		For 3" WG (Class B), Add	*4.27*	
		For 4" Or 6" WG (Class A), Add	*11.39*	
		For 24 Gauge, Add	*1.85*	
		For 22 Gauge, Add	*4.25*	
		For 20 Gauge, Add	*6.92*	
		For 18 Gauge, Add	*10.61*	
		For 16 Gauge, Add	*12.92*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.83*	
		For Work In Restricted Working Space, Add	*8.54*	
23 31 13 16-0086	LF	24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct	41.89	5.73
		For 3" WG (Class B), Add	*4.78*	
		For 4" Or 6" WG (Class A), Add	*12.74*	
		For 24 Gauge, Add	*2.01*	
		For 22 Gauge, Add	*4.61*	
		For 20 Gauge, Add	*7.52*	
		For 18 Gauge, Add	*11.53*	
		For 16 Gauge, Add	*14.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.42*	
		For Work In Restricted Working Space, Add	*9.56*	

23 31 13 16-0087 Slip Joint, Galvanized, Spiral 90 Degree Elbows *(23 31 13 16-0074)*

23 31 13 16-0088	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	60.18	13.39
		For 3" WG (Class B), Add	*7.75*	
		For 4" Or 6" WG (Class A), Add	*20.67*	
		For 24 Gauge, Add	*1.70*	
		For 22 Gauge, Add	*3.91*	
		For 20 Gauge, Add	*6.38*	
		For 18 Gauge, Add	*9.79*	
		For 16 Gauge, Add	*11.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.30*	
		For Work In Restricted Working Space, Add	*15.50*	
23 31 13 16-0089	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	88.56	19.12
		For 3" WG (Class B), Add	*11.47*	
		For 4" Or 6" WG (Class A), Add	*30.59*	
		For 24 Gauge, Add	*2.42*	
		For 22 Gauge, Add	*5.56*	
		For 20 Gauge, Add	*9.06*	
		For 18 Gauge, Add	*13.89*	
		For 16 Gauge, Add	*16.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.94*	
		For Work In Restricted Working Space, Add	*22.94*	
23 31 13 16-0090	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	123.67	24.85
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*40.25*	
		For 24 Gauge, Add	*4.61*	
		For 22 Gauge, Add	*10.60*	
		For 20 Gauge, Add	*17.28*	
		For 18 Gauge, Add	*26.50*	
		For 16 Gauge, Add	*32.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.05*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 16-0091	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	154.59	31.54
		For 3" WG (Class B), Add	*19.12*	
		For 4" Or 6" WG (Class A), Add	*50.98*	
		For 24 Gauge, Add	*5.43*	
		For 22 Gauge, Add	*12.48*	
		For 20 Gauge, Add	*20.35*	
		For 18 Gauge, Add	*31.20*	
		For 16 Gauge, Add	*37.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.08*	
		For Work In Restricted Working Space, Add	*38.24*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0092	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	191.19	40.15
		For 3" WG (Class B), Add	*23.90*	
		For 4" Or 6" WG (Class A), Add	*63.73*	
		For 24 Gauge, Add	*6.37*	
		For 22 Gauge, Add	*14.66*	
		For 20 Gauge, Add	*23.90*	
		For 18 Gauge, Add	*36.64*	
		For 16 Gauge, Add	*44.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.58*	
		For Work In Restricted Working Space, Add	*47.80*	
23 31 13 16-0093	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	209.27	43.98
		For 3" WG (Class B), Add	*26.07*	
		For 4" Or 6" WG (Class A), Add	*69.52*	
		For 24 Gauge, Add	*7.09*	
		For 22 Gauge, Add	*16.31*	
		For 20 Gauge, Add	*26.60*	
		For 18 Gauge, Add	*40.78*	
		For 16 Gauge, Add	*49.64*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.24*	
		For Work In Restricted Working Space, Add	*52.14*	
23 31 13 16-0094	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	247.08	51.62
		For 3" WG (Class B), Add	*30.84*	
		For 4" Or 6" WG (Class A), Add	*82.23*	
		For 24 Gauge, Add	*8.30*	
		For 22 Gauge, Add	*19.09*	
		For 20 Gauge, Add	*31.13*	
		For 18 Gauge, Add	*47.73*	
		For 16 Gauge, Add	*58.10*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*30.71*	
		For Work In Restricted Working Space, Add	*61.67*	
23 31 13 16-0095	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	302.68	64.05
		For 3" WG (Class B), Add	*38.24*	
		For 4" Or 6" WG (Class A), Add	*101.97*	
		For 24 Gauge, Add	*9.55*	
		For 22 Gauge, Add	*21.97*	
		For 20 Gauge, Add	*35.82*	
		For 18 Gauge, Add	*54.92*	
		For 16 Gauge, Add	*66.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*35.34*	
		For Work In Restricted Working Space, Add	*76.48*	
23 31 13 16-0096	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	364.75	77.43
		For 3" WG (Class B), Add	*46.26*	
		For 4" Or 6" WG (Class A), Add	*123.35*	
		For 24 Gauge, Add	*11.27*	
		For 22 Gauge, Add	*25.93*	
		For 20 Gauge, Add	*42.28*	
		For 18 Gauge, Add	*64.83*	
		For 16 Gauge, Add	*78.92*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*41.71*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 16-0097	EA	22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	424.72	89.86
		For 3" WG (Class B), Add	*54.11*	
		For 4" Or 6" WG (Class A), Add	*144.30*	
		For 24 Gauge, Add	*12.80*	
		For 22 Gauge, Add	*29.43*	
		For 20 Gauge, Add	*47.99*	
		For 18 Gauge, Add	*73.58*	
		For 16 Gauge, Add	*89.57*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*47.35*	
		For Work In Restricted Working Space, Add	*108.22*	
23 31 13 16-0098	EA	24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	485.75	102.29
		For 3" WG (Class B), Add	*61.02*	
		For 4" Or 6" WG (Class A), Add	*162.72*	
		For 24 Gauge, Add	*15.79*	
		For 22 Gauge, Add	*36.32*	
		For 20 Gauge, Add	*59.22*	
		For 18 Gauge, Add	*90.80*	
		For 16 Gauge, Add	*110.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*58.43*	
		For Work In Restricted Working Space, Add	*122.04*	

23 31 13 16-0099 Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows *(23 31 13 16-0074)*

23 31 13 16-0100	EA	4" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	60.58	13.39
		For 3" WG (Class B), Add	*7.75*	
		For 4" Or 6" WG (Class A), Add	*20.67*	
		For 24 Gauge, Add	*1.78*	
		For 22 Gauge, Add	*4.10*	
		For 20 Gauge, Add	*6.68*	
		For 18 Gauge, Add	*10.25*	
		For 16 Gauge, Add	*12.47*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.59*	
		For Work In Restricted Working Space, Add	*15.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0101	EA	6" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	86.49	19.12
		For 3" WG (Class B), Add	*11.47*	
		For 4" Or 6" WG (Class A), Add	*30.59*	
		For 24 Gauge, Add	*2.00*	
		For 22 Gauge, Add	*4.60*	
		For 20 Gauge, Add	*7.51*	
		For 18 Gauge, Add	*11.51*	
		For 16 Gauge, Add	*14.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.41*	
		For Work In Restricted Working Space, Add	*22.94*	
23 31 13 16-0102	EA	8" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	114.05	24.85
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*40.25*	
		For 24 Gauge, Add	*2.68*	
		For 22 Gauge, Add	*6.17*	
		For 20 Gauge, Add	*10.07*	
		For 18 Gauge, Add	*15.43*	
		For 16 Gauge, Add	*18.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.93*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 16-0103	EA	10" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	144.24	31.54
		For 3" WG (Class B), Add	*19.12*	
		For 4" Or 6" WG (Class A), Add	*50.98*	
		For 24 Gauge, Add	*3.36*	
		For 22 Gauge, Add	*7.72*	
		For 20 Gauge, Add	*12.59*	
		For 18 Gauge, Add	*19.30*	
		For 16 Gauge, Add	*23.49*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.42*	
		For Work In Restricted Working Space, Add	*38.24*	
23 31 13 16-0104	EA	12" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	178.83	40.15
		For 3" WG (Class B), Add	*23.90*	
		For 4" Or 6" WG (Class A), Add	*63.73*	
		For 24 Gauge, Add	*3.90*	
		For 22 Gauge, Add	*8.97*	
		For 20 Gauge, Add	*14.63*	
		For 18 Gauge, Add	*22.43*	
		For 16 Gauge, Add	*27.30*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.43*	
		For Work In Restricted Working Space, Add	*47.80*	
23 31 13 16-0105	EA	14" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	195.49	43.98
		For 3" WG (Class B), Add	*26.07*	
		For 4" Or 6" WG (Class A), Add	*69.52*	
		For 24 Gauge, Add	*4.34*	
		For 22 Gauge, Add	*9.97*	
		For 20 Gauge, Add	*16.26*	
		For 18 Gauge, Add	*24.93*	
		For 16 Gauge, Add	*30.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.04*	
		For Work In Restricted Working Space, Add	*52.14*	
23 31 13 16-0106	EA	16" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	241.11	51.62
		For 3" WG (Class B), Add	*30.84*	
		For 4" Or 6" WG (Class A), Add	*82.23*	
		For 24 Gauge, Add	*7.11*	
		For 22 Gauge, Add	*16.34*	
		For 20 Gauge, Add	*26.65*	
		For 18 Gauge, Add	*40.86*	
		For 16 Gauge, Add	*49.74*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.29*	
		For Work In Restricted Working Space, Add	*61.67*	
23 31 13 16-0107	EA	18" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	298.45	64.05
		For 3" WG (Class B), Add	*38.24*	
		For 4" Or 6" WG (Class A), Add	*101.97*	
		For 24 Gauge, Add	*8.71*	
		For 22 Gauge, Add	*20.02*	
		For 20 Gauge, Add	*32.65*	
		For 18 Gauge, Add	*50.06*	
		For 16 Gauge, Add	*60.94*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*32.21*	
		For Work In Restricted Working Space, Add	*76.48*	
23 31 13 16-0108	EA	20" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	363.46	77.43
		For 3" WG (Class B), Add	*46.26*	
		For 4" Or 6" WG (Class A), Add	*123.35*	
		For 24 Gauge, Add	*11.02*	
		For 22 Gauge, Add	*25.34*	
		For 20 Gauge, Add	*41.31*	
		For 18 Gauge, Add	*63.34*	
		For 16 Gauge, Add	*77.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*40.76*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 16-0109	EA	22" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	410.04	89.86
		For 3" WG (Class B), Add	*54.11*	
		For 4" Or 6" WG (Class A), Add	*144.30*	
		For 24 Gauge, Add	*9.86*	
		For 22 Gauge, Add	*22.68*	
		For 20 Gauge, Add	*36.98*	
		For 18 Gauge, Add	*56.70*	
		For 16 Gauge, Add	*69.02*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*36.48*	
		For Work In Restricted Working Space, Add	*108.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0110	EA	24" Diameter, 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	480.52	102.29
		For 3" WG (Class B), Add	*61.02*	
		For 4" Or 6" WG (Class A), Add	*162.72*	
		For 24 Gauge, Add	*14.75*	
		For 22 Gauge, Add	*33.92*	
		For 20 Gauge, Add	*55.30*	
		For 18 Gauge, Add	*84.79*	
		For 16 Gauge, Add	*103.22*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*54.56*	
		For Work In Restricted Working Space, Add	*122.04*	

23 31 13 16-0111 Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals *(23 31 13 16-0074)*

23 31 13 16-0112	EA	6" x 6" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	119.78	24.85
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*40.25*	
		For 24 Gauge, Add	*3.83*	
		For 22 Gauge, Add	*8.81*	
		For 20 Gauge, Add	*14.36*	
		For 18 Gauge, Add	*22.02*	
		For 16 Gauge, Add	*26.81*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.17*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 16-0113	EA	8" x 8" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	179.41	40.15
		For 3" WG (Class B), Add	*23.90*	
		For 4" Or 6" WG (Class A), Add	*63.73*	
		For 24 Gauge, Add	*4.02*	
		For 22 Gauge, Add	*9.24*	
		For 20 Gauge, Add	*15.06*	
		For 18 Gauge, Add	*23.09*	
		For 16 Gauge, Add	*28.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.86*	
		For Work In Restricted Working Space, Add	*47.80*	
23 31 13 16-0114	EA	10" x 10" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	227.62	51.62
		For 3" WG (Class B), Add	*30.84*	
		For 4" Or 6" WG (Class A), Add	*82.23*	
		For 24 Gauge, Add	*4.41*	
		For 22 Gauge, Add	*10.14*	
		For 20 Gauge, Add	*16.53*	
		For 18 Gauge, Add	*25.35*	
		For 16 Gauge, Add	*30.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.31*	
		For Work In Restricted Working Space, Add	*61.67*	
23 31 13 16-0115	EA	12" x 12" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	277.95	64.05
		For 3" WG (Class B), Add	*38.24*	
		For 4" Or 6" WG (Class A), Add	*101.97*	
		For 24 Gauge, Add	*4.61*	
		For 22 Gauge, Add	*10.59*	
		For 20 Gauge, Add	*17.27*	
		For 18 Gauge, Add	*26.48*	
		For 16 Gauge, Add	*32.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.04*	
		For Work In Restricted Working Space, Add	*76.48*	
23 31 13 16-0116	EA	14" x 14" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	332.16	77.43
		For 3" WG (Class B), Add	*46.26*	
		For 4" Or 6" WG (Class A), Add	*123.35*	
		For 24 Gauge, Add	*4.76*	
		For 22 Gauge, Add	*10.94*	
		For 20 Gauge, Add	*17.84*	
		For 18 Gauge, Add	*27.35*	
		For 16 Gauge, Add	*33.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*17.60*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 16-0117	EA	16" x 16" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	386.60	89.86
		For 3" WG (Class B), Add	*54.11*	
		For 4" Or 6" WG (Class A), Add	*144.30*	
		For 24 Gauge, Add	*5.17*	
		For 22 Gauge, Add	*11.90*	
		For 20 Gauge, Add	*19.40*	
		For 18 Gauge, Add	*29.74*	
		For 16 Gauge, Add	*36.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.14*	
		For Work In Restricted Working Space, Add	*108.22*	
23 31 13 16-0118	EA	18" x 18" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	433.70	102.29
		For 3" WG (Class B), Add	*61.02*	
		For 4" Or 6" WG (Class A), Add	*162.72*	
		For 24 Gauge, Add	*5.38*	
		For 22 Gauge, Add	*12.38*	
		For 20 Gauge, Add	*20.18*	
		For 18 Gauge, Add	*30.95*	
		For 16 Gauge, Add	*37.67*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.91*	
		For Work In Restricted Working Space, Add	*122.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0119	EA	20" x 20" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	494.20	116.63
		For 3" WG (Class B), Add	*69.95*	
		For 4" Or 6" WG (Class A), Add	*186.52*	
		For 24 Gauge, Add	*5.58*	
		For 22 Gauge, Add	*12.83*	
		For 20 Gauge, Add	*20.92*	
		For 18 Gauge, Add	*32.07*	
		For 16 Gauge, Add	*39.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.64*	
		For Work In Restricted Working Space, Add	*139.89*	
23 31 13 16-0120	EA	22" x 22" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	550.29	129.05
		For 3" WG (Class B), Add	*77.51*	
		For 4" Or 6" WG (Class A), Add	*206.69*	
		For 24 Gauge, Add	*6.71*	
		For 22 Gauge, Add	*15.44*	
		For 20 Gauge, Add	*25.17*	
		For 18 Gauge, Add	*38.59*	
		For 16 Gauge, Add	*46.98*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.83*	
		For Work In Restricted Working Space, Add	*155.02*	
23 31 13 16-0121	EA	24" x 24" x 4", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	596.98	140.53
		For 3" WG (Class B), Add	*84.35*	
		For 4" Or 6" WG (Class A), Add	*224.93*	
		For 24 Gauge, Add	*6.93*	
		For 22 Gauge, Add	*15.94*	
		For 20 Gauge, Add	*26.00*	
		For 18 Gauge, Add	*39.86*	
		For 16 Gauge, Add	*48.52*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.65*	
		For Work In Restricted Working Space, Add	*168.70*	
23 31 13 16-0122	EA	8" x 8" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	190.18	43.30
		For 3" WG (Class B), Add	*26.00*	
		For 4" Or 6" WG (Class A), Add	*69.32*	
		For 24 Gauge, Add	*3.37*	
		For 22 Gauge, Add	*7.76*	
		For 20 Gauge, Add	*12.65*	
		For 18 Gauge, Add	*19.40*	
		For 16 Gauge, Add	*23.62*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.48*	
		For Work In Restricted Working Space, Add	*51.99*	
23 31 13 16-0123	EA	10" x 10" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	229.66	52.10
		For 3" WG (Class B), Add	*31.25*	
		For 4" Or 6" WG (Class A), Add	*83.34*	
		For 24 Gauge, Add	*4.26*	
		For 22 Gauge, Add	*9.80*	
		For 20 Gauge, Add	*15.98*	
		For 18 Gauge, Add	*24.50*	
		For 16 Gauge, Add	*29.82*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.76*	
		For Work In Restricted Working Space, Add	*62.51*	
23 31 13 16-0124	EA	12" x 12" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	279.01	63.29
		For 3" WG (Class B), Add	*37.97*	
		For 4" Or 6" WG (Class A), Add	*101.26*	
		For 24 Gauge, Add	*5.17*	
		For 22 Gauge, Add	*11.89*	
		For 20 Gauge, Add	*19.39*	
		For 18 Gauge, Add	*29.73*	
		For 16 Gauge, Add	*36.19*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.13*	
		For Work In Restricted Working Space, Add	*75.95*	
23 31 13 16-0125	EA	14" x 14" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	332.16	75.24
		For 3" WG (Class B), Add	*45.21*	
		For 4" Or 6" WG (Class A), Add	*120.55*	
		For 24 Gauge, Add	*6.16*	
		For 22 Gauge, Add	*14.16*	
		For 20 Gauge, Add	*23.09*	
		For 18 Gauge, Add	*35.41*	
		For 16 Gauge, Add	*43.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*22.78*	
		For Work In Restricted Working Space, Add	*90.41*	
23 31 13 16-0126	EA	16" x 16" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	422.40	96.74
		For 3" WG (Class B), Add	*58.01*	
		For 4" Or 6" WG (Class A), Add	*154.68*	
		For 24 Gauge, Add	*7.14*	
		For 22 Gauge, Add	*16.42*	
		For 20 Gauge, Add	*26.77*	
		For 18 Gauge, Add	*41.04*	
		For 16 Gauge, Add	*49.97*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.41*	
		For Work In Restricted Working Space, Add	*116.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0127	EA	18" x 18" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	469.05	107.35
		For 3" WG (Class B), Add	*64.36*	
		For 4" Or 6" WG (Class A), Add	*171.62*	
		For 24 Gauge, Add	*8.00*	
		For 22 Gauge, Add	*18.40*	
		For 20 Gauge, Add	*29.99*	
		For 18 Gauge, Add	*45.99*	
		For 16 Gauge, Add	*55.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*29.59*	
		For Work In Restricted Working Space, Add	*128.72*	
23 31 13 16-0128	EA	20" x 20" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	533.25	122.17
		For 3" WG (Class B), Add	*73.16*	
		For 4" Or 6" WG (Class A), Add	*195.09*	
		For 24 Gauge, Add	*9.10*	
		For 22 Gauge, Add	*20.94*	
		For 20 Gauge, Add	*34.14*	
		For 18 Gauge, Add	*52.35*	
		For 16 Gauge, Add	*63.73*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.68*	
		For Work In Restricted Working Space, Add	*146.32*	
23 31 13 16-0129	EA	22" x 22" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	571.40	130.30
		For 3" WG (Class B), Add	*78.10*	
		For 4" Or 6" WG (Class A), Add	*208.27*	
		For 24 Gauge, Add	*10.15*	
		For 22 Gauge, Add	*23.34*	
		For 20 Gauge, Add	*38.05*	
		For 18 Gauge, Add	*58.34*	
		For 16 Gauge, Add	*71.02*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*37.54*	
		For Work In Restricted Working Space, Add	*156.20*	
23 31 13 16-0130	EA	24" x 24" x 6", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	619.95	141.29
		For 3" WG (Class B), Add	*84.75*	
		For 4" Or 6" WG (Class A), Add	*225.99*	
		For 24 Gauge, Add	*10.99*	
		For 22 Gauge, Add	*25.29*	
		For 20 Gauge, Add	*41.23*	
		For 18 Gauge, Add	*63.22*	
		For 16 Gauge, Add	*76.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*40.68*	
		For Work In Restricted Working Space, Add	*169.49*	
23 31 13 16-0131	EA	10" x 10" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	251.56	57.35
		For 3" WG (Class B), Add	*34.37*	
		For 4" Or 6" WG (Class A), Add	*91.65*	
		For 24 Gauge, Add	*4.49*	
		For 22 Gauge, Add	*10.32*	
		For 20 Gauge, Add	*16.82*	
		For 18 Gauge, Add	*25.79*	
		For 16 Gauge, Add	*31.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.60*	
		For Work In Restricted Working Space, Add	*68.74*	
23 31 13 16-0132	EA	12" x 12" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	305.74	69.79
		For 3" WG (Class B), Add	*41.78*	
		For 4" Or 6" WG (Class A), Add	*111.42*	
		For 24 Gauge, Add	*5.44*	
		For 22 Gauge, Add	*12.51*	
		For 20 Gauge, Add	*20.40*	
		For 18 Gauge, Add	*31.28*	
		For 16 Gauge, Add	*38.08*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.13*	
		For Work In Restricted Working Space, Add	*83.56*	
23 31 13 16-0133	EA	14" x 14" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	363.89	82.69
		For 3" WG (Class B), Add	*49.72*	
		For 4" Or 6" WG (Class A), Add	*132.59*	
		For 24 Gauge, Add	*6.48*	
		For 22 Gauge, Add	*14.91*	
		For 20 Gauge, Add	*24.32*	
		For 18 Gauge, Add	*37.28*	
		For 16 Gauge, Add	*45.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.99*	
		For Work In Restricted Working Space, Add	*99.44*	
23 31 13 16-0134	EA	16" x 16" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	422.41	96.36
		For 3" WG (Class B), Add	*57.73*	
		For 4" Or 6" WG (Class A), Add	*153.94*	
		For 24 Gauge, Add	*7.51*	
		For 22 Gauge, Add	*17.28*	
		For 20 Gauge, Add	*28.18*	
		For 18 Gauge, Add	*43.21*	
		For 16 Gauge, Add	*52.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*27.80*	
		For Work In Restricted Working Space, Add	*115.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0135	EA	18" x 18" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	472.70	107.74
		For 3" WG (Class B), Add	*64.59*	
		For 4" Or 6" WG (Class A), Add	*172.24*	
		For 24 Gauge, Add	*8.42*	
		For 22 Gauge, Add	*19.36*	
		For 20 Gauge, Add	*31.57*	
		For 18 Gauge, Add	*48.40*	
		For 16 Gauge, Add	*58.93*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.15*	
		For Work In Restricted Working Space, Add	*129.18*	
23 31 13 16-0136	EA	20" x 20" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	537.64	122.55
		For 3" WG (Class B), Add	*73.46*	
		For 4" Or 6" WG (Class A), Add	*195.89*	
		For 24 Gauge, Add	*9.58*	
		For 22 Gauge, Add	*22.04*	
		For 20 Gauge, Add	*35.93*	
		For 18 Gauge, Add	*55.10*	
		For 16 Gauge, Add	*67.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*35.45*	
		For Work In Restricted Working Space, Add	*146.92*	
23 31 13 16-0137	EA	22" x 22" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	600.28	136.70
		For 3" WG (Class B), Add	*82.03*	
		For 4" Or 6" WG (Class A), Add	*218.75*	
		For 24 Gauge, Add	*10.68*	
		For 22 Gauge, Add	*24.56*	
		For 20 Gauge, Add	*40.05*	
		For 18 Gauge, Add	*61.41*	
		For 16 Gauge, Add	*74.76*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*39.52*	
		For Work In Restricted Working Space, Add	*164.06*	
23 31 13 16-0138	EA	24" x 24" x 8", 26 Gauge, 2" WG And Less (Class C), Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	650.88	148.36
		For 3" WG (Class B), Add	*88.95*	
		For 4" Or 6" WG (Class A), Add	*237.21*	
		For 24 Gauge, Add	*11.57*	
		For 22 Gauge, Add	*26.62*	
		For 20 Gauge, Add	*43.40*	
		For 18 Gauge, Add	*66.54*	
		For 16 Gauge, Add	*81.00*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*42.82*	
		For Work In Restricted Working Space, Add	*177.91*	

23 31 13 16-0139 Slip Joint, Galvanized, Spiral Duct Reducers *(23 31 13 16-0074)*

23 31 13 16-0140	EA	6" x 4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	83.37	19.12
		For 3" WG (Class B), Add	*11.47*	
		For 4" Or 6" WG (Class A), Add	*30.59*	
		For 24 Gauge, Add	*1.38*	
		For 22 Gauge, Add	*3.17*	
		For 20 Gauge, Add	*5.17*	
		For 18 Gauge, Add	*7.92*	
		For 16 Gauge, Add	*9.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.10*	
		For Work In Restricted Working Space, Add	*22.94*	
23 31 13 16-0141	EA	8" x 6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	108.21	24.85
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*40.25*	
		For 24 Gauge, Add	*1.52*	
		For 22 Gauge, Add	*3.49*	
		For 20 Gauge, Add	*5.69*	
		For 18 Gauge, Add	*8.72*	
		For 16 Gauge, Add	*10.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.61*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 16-0142	EA	10" x 8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	135.85	31.54
		For 3" WG (Class B), Add	*19.12*	
		For 4" Or 6" WG (Class A), Add	*50.98*	
		For 24 Gauge, Add	*1.68*	
		For 22 Gauge, Add	*3.86*	
		For 20 Gauge, Add	*6.29*	
		For 18 Gauge, Add	*9.65*	
		For 16 Gauge, Add	*11.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.21*	
		For Work In Restricted Working Space, Add	*38.24*	
23 31 13 16-0143	EA	12" x 10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	168.53	40.15
		For 3" WG (Class B), Add	*23.90*	
		For 4" Or 6" WG (Class A), Add	*63.73*	
		For 24 Gauge, Add	*1.84*	
		For 22 Gauge, Add	*4.23*	
		For 20 Gauge, Add	*6.90*	
		For 18 Gauge, Add	*10.58*	
		For 16 Gauge, Add	*12.88*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.81*	
		For Work In Restricted Working Space, Add	*47.80*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0144	EA	14" x 12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	184.05	43.98
		For 3" WG (Class B), Add	*26.07*	
		For 4" Or 6" WG (Class A), Add	*69.52*	
		For 24 Gauge, Add	*2.05*	
		For 22 Gauge, Add	*4.71*	
		For 20 Gauge, Add	*7.68*	
		For 18 Gauge, Add	*11.78*	
		For 16 Gauge, Add	*14.34*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.58*	
		For Work In Restricted Working Space, Add	*52.14*	
23 31 13 16-0145	EA	16" x 14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	223.29	51.62
		For 3" WG (Class B), Add	*30.84*	
		For 4" Or 6" WG (Class A), Add	*82.23*	
		For 24 Gauge, Add	*3.54*	
		For 22 Gauge, Add	*8.15*	
		For 20 Gauge, Add	*13.28*	
		For 18 Gauge, Add	*20.37*	
		For 16 Gauge, Add	*24.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*13.11*	
		For Work In Restricted Working Space, Add	*61.67*	
23 31 13 16-0146	EA	18" x 16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	273.84	64.05
		For 3" WG (Class B), Add	*38.24*	
		For 4" Or 6" WG (Class A), Add	*101.97*	
		For 24 Gauge, Add	*3.78*	
		For 22 Gauge, Add	*8.70*	
		For 20 Gauge, Add	*14.19*	
		For 18 Gauge, Add	*21.76*	
		For 16 Gauge, Add	*26.49*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.00*	
		For Work In Restricted Working Space, Add	*76.48*	
23 31 13 16-0147	EA	20" x 18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	328.57	77.43
		For 3" WG (Class B), Add	*46.26*	
		For 4" Or 6" WG (Class A), Add	*123.35*	
		For 24 Gauge, Add	*4.04*	
		For 22 Gauge, Add	*9.29*	
		For 20 Gauge, Add	*15.14*	
		For 18 Gauge, Add	*23.22*	
		For 16 Gauge, Add	*28.27*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.94*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 16-0148	EA	22" x 20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	382.21	89.86
		For 3" WG (Class B), Add	*54.11*	
		For 4" Or 6" WG (Class A), Add	*144.30*	
		For 24 Gauge, Add	*4.29*	
		For 22 Gauge, Add	*9.88*	
		For 20 Gauge, Add	*16.10*	
		For 18 Gauge, Add	*24.69*	
		For 16 Gauge, Add	*30.06*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.89*	
		For Work In Restricted Working Space, Add	*108.22*	
23 31 13 16-0149	EA	24" x 22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	429.41	102.29
		For 3" WG (Class B), Add	*61.02*	
		For 4" Or 6" WG (Class A), Add	*162.72*	
		For 24 Gauge, Add	*4.52*	
		For 22 Gauge, Add	*10.41*	
		For 20 Gauge, Add	*16.97*	
		For 18 Gauge, Add	*26.01*	
		For 16 Gauge, Add	*31.67*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.74*	
		For Work In Restricted Working Space, Add	*122.04*	

23 31 13 16-0150 Slip Joint, Galvanized, Spiral Duct Couplings *(23 31 13 16-0074)*

23 31 13 16-0151	EA	4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	54.93	13.39
		For 3" WG (Class B), Add	*7.75*	
		For 4" Or 6" WG (Class A), Add	*20.67*	
		For 24 Gauge, Add	*0.65*	
		For 22 Gauge, Add	*1.50*	
		For 20 Gauge, Add	*2.45*	
		For 18 Gauge, Add	*3.75*	
		For 16 Gauge, Add	*4.56*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.41*	
		For Work In Restricted Working Space, Add	*15.50*	
23 31 13 16-0152	EA	6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	80.18	19.12
		For 3" WG (Class B), Add	*11.47*	
		For 4" Or 6" WG (Class A), Add	*30.59*	
		For 24 Gauge, Add	*0.74*	
		For 22 Gauge, Add	*1.70*	
		For 20 Gauge, Add	*2.78*	
		For 18 Gauge, Add	*4.26*	
		For 16 Gauge, Add	*5.18*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.74*	
		For Work In Restricted Working Space, Add	*22.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0153	EA	8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	104.62	24.85
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*40.25*	
		For 24 Gauge, Add	*0.80*	
		For 22 Gauge, Add	*1.84*	
		For 20 Gauge, Add	*2.99*	
		For 18 Gauge, Add	*4.59*	
		For 16 Gauge, Add	*5.59*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.95*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 16-0154	EA	10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	131.74	31.54
		For 3" WG (Class B), Add	*19.12*	
		For 4" Or 6" WG (Class A), Add	*50.98*	
		For 24 Gauge, Add	*0.86*	
		For 22 Gauge, Add	*1.97*	
		For 20 Gauge, Add	*3.21*	
		For 18 Gauge, Add	*4.92*	
		For 16 Gauge, Add	*5.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.17*	
		For Work In Restricted Working Space, Add	*38.24*	
23 31 13 16-0155	EA	12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	163.90	40.15
		For 3" WG (Class B), Add	*23.90*	
		For 4" Or 6" WG (Class A), Add	*63.73*	
		For 24 Gauge, Add	*0.91*	
		For 22 Gauge, Add	*2.10*	
		For 20 Gauge, Add	*3.43*	
		For 18 Gauge, Add	*5.26*	
		For 16 Gauge, Add	*6.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.38*	
		For Work In Restricted Working Space, Add	*47.80*	
23 31 13 16-0156	EA	14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	178.67	43.98
		For 3" WG (Class B), Add	*26.07*	
		For 4" Or 6" WG (Class A), Add	*69.52*	
		For 24 Gauge, Add	*0.97*	
		For 22 Gauge, Add	*2.24*	
		For 20 Gauge, Add	*3.65*	
		For 18 Gauge, Add	*5.59*	
		For 16 Gauge, Add	*6.80*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.60*	
		For Work In Restricted Working Space, Add	*52.14*	
23 31 13 16-0157	EA	16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	210.96	51.62
		For 3" WG (Class B), Add	*30.84*	
		For 4" Or 6" WG (Class A), Add	*82.23*	
		For 24 Gauge, Add	*1.08*	
		For 22 Gauge, Add	*2.47*	
		For 20 Gauge, Add	*4.04*	
		For 18 Gauge, Add	*6.19*	
		For 16 Gauge, Add	*7.53*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.98*	
		For Work In Restricted Working Space, Add	*61.67*	
23 31 13 16-0158	EA	18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	260.59	64.05
		For 3" WG (Class B), Add	*38.24*	
		For 4" Or 6" WG (Class A), Add	*101.97*	
		For 24 Gauge, Add	*1.13*	
		For 22 Gauge, Add	*2.61*	
		For 20 Gauge, Add	*4.25*	
		For 18 Gauge, Add	*6.52*	
		For 16 Gauge, Add	*7.94*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.20*	
		For Work In Restricted Working Space, Add	*76.48*	
23 31 13 16-0159	EA	20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	314.40	77.43
		For 3" WG (Class B), Add	*46.26*	
		For 4" Or 6" WG (Class A), Add	*123.35*	
		For 24 Gauge, Add	*1.20*	
		For 22 Gauge, Add	*2.77*	
		For 20 Gauge, Add	*4.52*	
		For 18 Gauge, Add	*6.92*	
		For 16 Gauge, Add	*8.43*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.45*	
		For Work In Restricted Working Space, Add	*92.51*	
23 31 13 16-0160	EA	22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	366.99	180.67
		For 3" WG (Class B), Add	*54.11*	
		For 4" Or 6" WG (Class A), Add	*144.30*	
		For 24 Gauge, Add	*1.25*	
		For 22 Gauge, Add	*2.88*	
		For 20 Gauge, Add	*4.69*	
		For 18 Gauge, Add	*7.19*	
		For 16 Gauge, Add	*8.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.63*	
		For Work In Restricted Working Space, Add	*108.22*	
23 31 13 16-0161	EA	24", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	413.39	203.62
		For 3" WG (Class B), Add	*61.02*	
		For 4" Or 6" WG (Class A), Add	*162.72*	
		For 24 Gauge, Add	*1.32*	
		For 22 Gauge, Add	*3.04*	
		For 20 Gauge, Add	*4.95*	
		For 18 Gauge, Add	*7.59*	
		For 16 Gauge, Add	*9.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.88*	
		For Work In Restricted Working Space, Add	*122.04*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0162		Slip Joint, Galvanized, Spiral Duct Caps *(23 31 13 16-0074)*		
23 31 13 16-0163	EA	4", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	29.66	13.39
		For 3" WG (Class B), Add	*3.88*	
		For 4" Or 6" WG (Class A), Add	*10.34*	
		For 24 Gauge, Add	*0.76*	
		For 22 Gauge, Add	*1.76*	
		For 20 Gauge, Add	*2.87*	
		For 18 Gauge, Add	*4.39*	
		For 16 Gauge, Add	*5.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.83*	
		For Work In Restricted Working Space, Add	*7.75*	
23 31 13 16-0164	EA	6", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	42.52	19.12
		For 3" WG (Class B), Add	*5.74*	
		For 4" Or 6" WG (Class A), Add	*15.30*	
		For 24 Gauge, Add	*0.86*	
		For 22 Gauge, Add	*1.97*	
		For 20 Gauge, Add	*3.21*	
		For 18 Gauge, Add	*4.92*	
		For 16 Gauge, Add	*5.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.17*	
		For Work In Restricted Working Space, Add	*11.47*	
23 31 13 16-0165	EA	8", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	55.00	25.81
		For 3" WG (Class B), Add	*7.55*	
		For 4" Or 6" WG (Class A), Add	*20.12*	
		For 24 Gauge, Add	*0.94*	
		For 22 Gauge, Add	*2.16*	
		For 20 Gauge, Add	*3.52*	
		For 18 Gauge, Add	*5.39*	
		For 16 Gauge, Add	*6.57*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.47*	
		For Work In Restricted Working Space, Add	*15.09*	
23 31 13 16-0166	EA	10", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	68.94	32.50
		For 3" WG (Class B), Add	*9.56*	
		For 4" Or 6" WG (Class A), Add	*25.49*	
		For 24 Gauge, Add	*1.04*	
		For 22 Gauge, Add	*2.40*	
		For 20 Gauge, Add	*3.91*	
		For 18 Gauge, Add	*5.99*	
		For 16 Gauge, Add	*7.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.86*	
		For Work In Restricted Working Space, Add	*19.12*	
23 31 13 16-0167	EA	12", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	85.45	40.15
		For 3" WG (Class B), Add	*11.95*	
		For 4" Or 6" WG (Class A), Add	*31.86*	
		For 24 Gauge, Add	*1.16*	
		For 22 Gauge, Add	*2.66*	
		For 20 Gauge, Add	*4.34*	
		For 18 Gauge, Add	*6.66*	
		For 16 Gauge, Add	*8.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.28*	
		For Work In Restricted Working Space, Add	*23.90*	
23 31 13 16-0168	EA	14", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	93.27	43.98
		For 3" WG (Class B), Add	*13.04*	
		For 4" Or 6" WG (Class A), Add	*34.76*	
		For 24 Gauge, Add	*1.27*	
		For 22 Gauge, Add	*2.93*	
		For 20 Gauge, Add	*4.77*	
		For 18 Gauge, Add	*7.31*	
		For 16 Gauge, Add	*8.90*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.71*	
		For Work In Restricted Working Space, Add	*26.07*	
23 31 13 16-0169	EA	16", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	107.98	50.66
		For 3" WG (Class B), Add	*15.09*	
		For 4" Or 6" WG (Class A), Add	*40.25*	
		For 24 Gauge, Add	*1.47*	
		For 22 Gauge, Add	*3.38*	
		For 20 Gauge, Add	*5.51*	
		For 18 Gauge, Add	*8.45*	
		For 16 Gauge, Add	*10.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.44*	
		For Work In Restricted Working Space, Add	*30.19*	
23 31 13 16-0170	EA	18", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	152.22	64.05
		For 3" WG (Class B), Add	*19.12*	
		For 4" Or 6" WG (Class A), Add	*50.98*	
		For 24 Gauge, Add	*4.95*	
		For 22 Gauge, Add	*11.39*	
		For 20 Gauge, Add	*18.57*	
		For 18 Gauge, Add	*28.47*	
		For 16 Gauge, Add	*34.66*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*18.32*	
		For Work In Restricted Working Space, Add	*38.24*	
23 31 13 16-0171	EA	20", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	186.18	79.34
		For 3" WG (Class B), Add	*23.90*	
		For 4" Or 6" WG (Class A), Add	*63.73*	
		For 24 Gauge, Add	*5.37*	
		For 22 Gauge, Add	*12.35*	
		For 20 Gauge, Add	*20.14*	
		For 18 Gauge, Add	*30.88*	
		For 16 Gauge, Add	*37.59*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.87*	
		For Work In Restricted Working Space, Add	*47.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0172	EA	22", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	202.74	86.99
		For 3" WG (Class B), Add	*26.07*	
		For 4" Or 6" WG (Class A), Add	*69.52*	
		For 24 Gauge, Add	*5.79*	
		For 22 Gauge, Add	*13.31*	
		For 20 Gauge, Add	*21.70*	
		For 18 Gauge, Add	*33.27*	
		For 16 Gauge, Add	*40.50*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.41*	
		For Work In Restricted Working Space, Add	*52.14*	
23 31 13 16-0173	EA	24", 26 Gauge, 2" WG And Less (Class C), 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	234.46	101.33
		For 3" WG (Class B), Add	*30.51*	
		For 4" Or 6" WG (Class A), Add	*81.36*	
		For 24 Gauge, Add	*6.21*	
		For 22 Gauge, Add	*14.29*	
		For 20 Gauge, Add	*23.30*	
		For 18 Gauge, Add	*35.73*	
		For 16 Gauge, Add	*43.50*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*22.99*	
		For Work In Restricted Working Space, Add	*61.02*	

23 31 13 19 Metal Duct Fittings *(23 31 13)*

23 31 13 19-0001 Sheet Metal Baffles *(23 31 13 19)*

23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor	35.05	28.34
		For Work In Restricted Working Space, Add	*10.36*	
		For Elevated Installation >10' To 15', Add	*3.45*	
		For Elevated Installation >15' To 20', Add	*6.91*	
		For Elevated Installation >20' To 25', Add	*8.64*	
		For Elevated Installation >25' To 30', Add	*12.09*	
		For Elevated Installation >30' To 35', Add	*13.82*	
		For Elevated Installation >35' To 40', Add	*17.27*	
		For Elevated Installation >40', Add	*19.00*	

23 31 13 19-0003 Duct Register Boots *(23 31 13 19)*

23 31 13 19-0004	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	30.87	12.98
		For Stainless Steel, Add	*6.40*	
23 31 13 19-0005	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	30.87	12.98
		For Stainless Steel, Add	*6.40*	
23 31 13 19-0006	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	33.06	14.02
		For Stainless Steel, Add	*6.54*	
23 31 13 19-0007	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	33.06	14.02
		For Stainless Steel, Add	*6.54*	
23 31 13 19-0008	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	34.28	14.02
		For Stainless Steel, Add	*8.13*	
23 31 13 19-0009	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	35.75	15.05
		For Stainless Steel, Add	*7.33*	
23 31 13 19-0010	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	35.75	15.05
		For Stainless Steel, Add	*7.33*	
23 31 13 19-0011	EA	14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	36.50	15.05
		For Stainless Steel, Add	*8.31*	
23 31 13 19-0012	EA	10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	36.62	16.09
		For Stainless Steel, Add	*5.76*	
23 31 13 19-0013	EA	12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	38.82	17.13
		For Stainless Steel, Add	*5.93*	
23 31 13 19-0014	EA	12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	41.92	17.13
		For Stainless Steel, Add	*9.96*	
23 31 13 19-0015	EA	14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	41.18	18.17
		For Stainless Steel, Add	*6.29*	
23 31 13 19-0016	EA	14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	44.21	18.17
		For Stainless Steel, Add	*10.23*	
23 31 13 19-0017	EA	12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel	32.33	14.02
		For Stainless Steel, Add	*5.59*	
23 31 13 19-0018	EA	12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	32.33	14.02
		For Stainless Steel, Add	*5.59*	
23 31 13 19-0019	EA	14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	34.90	15.05
		For Stainless Steel, Add	*6.23*	
23 31 13 19-0020	EA	14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel	35.63	15.05
		For Stainless Steel, Add	*7.18*	
23 31 13 19-0021	EA	10" x 4" x 6" Register Boot, Center, Galvanized Steel	36.72	16.09
		For Stainless Steel, Add	*5.89*	
23 31 13 19-0022	EA	12" x 4" x 6" Register Boot, Center, Galvanized Steel	38.91	17.13
		For Stainless Steel, Add	*6.05*	
23 31 13 19-0023	EA	12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	32.82	14.02
		For Stainless Steel, Add	*6.23*	
23 31 13 19-0024	EA	14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	35.20	15.05
		For Stainless Steel, Add	*6.62*	
23 31 13 19-0025	EA	10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	30.87	12.98
		For Stainless Steel, Add	*6.40*	
23 31 13 19-0026	EA	12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	33.06	14.02
		For Stainless Steel, Add	*6.54*	
23 31 13 19-0027	EA	14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel	35.75	15.05
		For Stainless Steel, Add	*7.33*	
23 31 13 19-0028	EA	14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	35.75	15.05
		For Stainless Steel, Add	*7.33*	
23 31 13 19-0029	EA	10" x 4" x 6" Register Boot, Universal, Galvanized Steel	36.62	16.09
		For Stainless Steel, Add	*5.76*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 19-0030	EA	12" x 4" x 6" Register Boot, Universal, Galvanized Steel	38.82	17.13
		For Stainless Steel, Add	*5.93*	
23 31 13 19-0031	EA	12" x 4" x 7" Register Boot, Universal, Galvanized Steel	41.92	17.13
		For Stainless Steel, Add	*9.96*	
23 31 13 19-0032	EA	14" x 4" x 7" Register Boot, Universal, Galvanized Steel	44.00	18.17
		For Stainless Steel, Add	*9.96*	

23 31 13 23 Galvanized Steel Welded Duct *(23 31 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 23-0001 Welded Steel Ductwork *(23 31 13 23)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen *(23 31 13 23-0001)*

Note: Also includes special exhaust systems and waste.

23 31 13 23-0003	LB	Galvanized Steel Welded Duct	19.32	8.59
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.55*	
		For Work In Restricted Working Space, Add	*5.17*	
		For Elevated Installation >10' To 15', Add	*1.72*	
		For Elevated Installation >15' To 20', Add	*3.45*	
		For Elevated Installation >20' To 25', Add	*4.31*	
		For Elevated Installation >25' To 30', Add	*6.03*	
		For Elevated Installation >30' To 35', Add	*6.89*	
		For Elevated Installation >35' To 40', Add	*8.62*	
		For Elevated Installation >40', Add	*9.48*	

23 31 13 23-0004 Black Steel Ductwork *(23 31 13 23-0001)*

23 31 13 23-0005	LB	Black Steel Ductwork	18.18	8.86
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.35*	
		For Work In Restricted Working Space, Add	*5.31*	
		For Elevated Installation >10' To 15', Add	*1.77*	
		For Elevated Installation >15' To 20', Add	*3.54*	
		For Elevated Installation >20' To 25', Add	*4.43*	
		For Elevated Installation >25' To 30', Add	*6.20*	
		For Elevated Installation >30' To 35', Add	*7.08*	
		For Elevated Installation >35' To 40', Add	*8.86*	
		For Elevated Installation >40', Add	*9.74*	

23 31 16 Nonmetal Ducts *(23 31)*

23 31 16 13 Fibrous-Glass Ducts *(23 31 16)*

23 31 16 13-0001 Glass Fiber Duct Board *(23 31 16 13)*

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	8.40	1.77
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	9.75	1.95
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	11.19	2.14

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts *(23 31 16)*

23 31 16 16-0001 Round Fiber Reinforced Plastic Duct *(23 31 16 16)*

23 31 16 16-0002 Round Fiber Reinforced Plastic Duct *(23 31 16 16-0001)*

23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	13.85	4.75
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	17.27	5.55
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	23.55	8.15
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	31.11	10.30
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	39.39	12.90
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	47.49	15.49
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	53.59	18.09
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	60.98	19.79
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	65.83	21.05
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	81.34	23.64
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	85.65	25.34
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	104.78	27.04
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	120.09	31.34
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	138.96	37.79
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	184.08	42.09
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	206.25	47.29
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	229.46	54.18
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	260.77	63.22
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	281.71	77.38
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	343.79	94.57

23 31 16 16-0023 Fiber Reinforced Plastic Bell *(23 31 16 16-0001)*

23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	57.78	19.26
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	69.78	22.84
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	80.24	26.86
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	105.38	35.82
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	128.11	44.78
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	148.43	53.73
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	184.04	66.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	196.92	71.64
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	213.39	76.56
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	229.85	82.39
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	251.41	89.55
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	293.42	98.50
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	342.66	107.46
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	388.82	120.89
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	434.96	134.33
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	481.10	147.76
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	599.22	179.10
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	712.88	223.88
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	855.41	268.65
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	980.19	304.48

23 31 16 16-0044 Fiber Reinforced Plastic Flange *(23 31 16 16-0001)*

23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	96.34	19.26
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	110.76	22.84
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	126.04	26.86
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	163.23	35.82
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	198.01	44.78
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	232.79	53.73
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	273.22	66.71
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	305.38	71.64
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	333.89	76.56
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	355.18	82.39
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	371.92	89.55
23 31 16 16-0056	EA	24" Fiber Reinforced Plastic Flange	438.03	98.50
23 31 16 16-0057	EA	30" Fiber Reinforced Plastic Flange	482.45	107.46
23 31 16 16-0058	EA	36" Fiber Reinforced Plastic Flange	598.51	120.89
23 31 16 16-0059	EA	42" Fiber Reinforced Plastic Flange	666.34	134.33
23 31 16 16-0060	EA	48" Fiber Reinforced Plastic Flange	758.27	147.76
23 31 16 16-0061	EA	54" Fiber Reinforced Plastic Flange	888.44	179.10
23 31 16 16-0062	EA	60" Fiber Reinforced Plastic Flange	1,057.54	223.88
23 31 16 16-0063	EA	66" Fiber Reinforced Plastic Flange	1,226.58	268.65
23 31 16 16-0064	EA	72" Fiber Reinforced Plastic Flange	1,404.39	304.48

23 31 16 16-0065 Fiber Reinforced Plastic 90 Degree Elbow *(23 31 16 16-0001)*

23 31 16 16-0066	EA	2" Fiber Reinforced Plastic 90 Degree Elbow	156.92	46.39
23 31 16 16-0067	EA	3" Fiber Reinforced Plastic 90 Degree Elbow	184.01	55.43
23 31 16 16-0068	EA	4" Fiber Reinforced Plastic 90 Degree Elbow	213.51	64.48
23 31 16 16-0069	EA	6" Fiber Reinforced Plastic 90 Degree Elbow	275.84	85.97
23 31 16 16-0070	EA	8" Fiber Reinforced Plastic 90 Degree Elbow	338.17	107.46
23 31 16 16-0071	EA	10" Fiber Reinforced Plastic 90 Degree Elbow	400.53	128.96
23 31 16 16-0072	EA	12" Fiber Reinforced Plastic 90 Degree Elbow	491.40	160.39
23 31 16 16-0073	EA	14" Fiber Reinforced Plastic 90 Degree Elbow	560.17	169.78
23 31 16 16-0074	EA	16" Fiber Reinforced Plastic 90 Degree Elbow	639.96	184.38
23 31 16 16-0075	EA	18" Fiber Reinforced Plastic 90 Degree Elbow	768.23	197.73
23 31 16 16-0076	EA	20" Fiber Reinforced Plastic 90 Degree Elbow	888.50	214.93
23 31 16 16-0077	EA	24" Fiber Reinforced Plastic 90 Degree Elbow	1,032.78	236.42
23 31 16 16-0078	EA	30" Fiber Reinforced Plastic 90 Degree Elbow	1,406.00	257.91
23 31 16 16-0079	EA	36" Fiber Reinforced Plastic 90 Degree Elbow	1,809.25	290.15
23 31 16 16-0080	EA	42" Fiber Reinforced Plastic 90 Degree Elbow	2,393.24	322.48
23 31 16 16-0081	EA	48" Fiber Reinforced Plastic 90 Degree Elbow	2,844.72	354.71
23 31 16 16-0082	EA	54" Fiber Reinforced Plastic 90 Degree Elbow	3,367.63	429.84
23 31 16 16-0083	EA	60" Fiber Reinforced Plastic 90 Degree Elbow	4,076.97	537.31
23 31 16 16-0084	EA	66" Fiber Reinforced Plastic 90 Degree Elbow	4,785.98	644.59
23 31 16 16-0085	EA	72" Fiber Reinforced Plastic 90 Degree Elbow	5,459.35	730.47

23 31 16 16-0086 Fiber Reinforced Plastic 45 Degree Elbow *(23 31 16 16-0001)*

23 31 16 16-0087	EA	2" Fiber Reinforced Plastic 45 Degree Elbow	130.39	46.39
23 31 16 16-0088	EA	3" Fiber Reinforced Plastic 45 Degree Elbow	152.68	55.43
23 31 16 16-0089	EA	4" Fiber Reinforced Plastic 45 Degree Elbow	177.34	64.48
23 31 16 16-0090	EA	6" Fiber Reinforced Plastic 45 Degree Elbow	222.82	85.97
23 31 16 16-0091	EA	8" Fiber Reinforced Plastic 45 Degree Elbow	268.28	107.46
23 31 16 16-0092	EA	10" Fiber Reinforced Plastic 45 Degree Elbow	318.64	128.96
23 31 16 16-0093	EA	12" Fiber Reinforced Plastic 45 Degree Elbow	392.64	160.39
23 31 16 16-0094	EA	14" Fiber Reinforced Plastic 45 Degree Elbow	427.54	169.78
23 31 16 16-0095	EA	16" Fiber Reinforced Plastic 45 Degree Elbow	514.46	184.29
23 31 16 16-0096	EA	18" Fiber Reinforced Plastic 45 Degree Elbow	594.93	197.90
23 31 16 16-0097	EA	20" Fiber Reinforced Plastic 45 Degree Elbow	690.81	214.93
23 31 16 16-0098	EA	24" Fiber Reinforced Plastic 45 Degree Elbow	798.58	236.24
23 31 16 16-0099	EA	30" Fiber Reinforced Plastic 45 Degree Elbow	1,020.04	257.73
23 31 16 16-0100	EA	36" Fiber Reinforced Plastic 45 Degree Elbow	1,252.91	290.41
23 31 16 16-0101	EA	42" Fiber Reinforced Plastic 45 Degree Elbow	1,605.50	322.66
23 31 16 16-0102	EA	48" Fiber Reinforced Plastic 45 Degree Elbow	1,892.69	354.71
23 31 16 16-0103	EA	54" Fiber Reinforced Plastic 45 Degree Elbow	2,254.12	429.84
23 31 16 16-0104	EA	60" Fiber Reinforced Plastic 45 Degree Elbow	2,698.34	537.31
23 31 16 16-0105	EA	66" Fiber Reinforced Plastic 45 Degree Elbow	3,169.08	643.34
23 31 16 16-0106	EA	72" Fiber Reinforced Plastic 45 Degree Elbow	3,580.71	731.18

23 31 16 16-0107 Fiber Reinforced Plastic Tee *(23 31 16 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0108	EA	2" Fiber Reinforced Plastic Tee	199.71	69.23
23 31 16 16-0109	EA	3" Fiber Reinforced Plastic Tee	235.39	83.37
23 31 16 16-0110	EA	4" Fiber Reinforced Plastic Tee	269.65	96.71
23 31 16 16-0111	EA	6" Fiber Reinforced Plastic Tee	347.50	128.96
23 31 16 16-0112	EA	8" Fiber Reinforced Plastic Tee	423.91	160.39
23 31 16 16-0113	EA	10" Fiber Reinforced Plastic Tee	504.56	194.32
23 31 16 16-0114	EA	12" Fiber Reinforced Plastic Tee	609.48	235.52
23 31 16 16-0115	EA	14" Fiber Reinforced Plastic Tee	665.83	254.87
23 31 16 16-0116	EA	16" Fiber Reinforced Plastic Tee	774.74	276.89
23 31 16 16-0117	EA	18" Fiber Reinforced Plastic Tee	879.95	296.59
23 31 16 16-0118	EA	20" Fiber Reinforced Plastic Tee	1,019.43	322.48
23 31 16 16-0119	EA	24" Fiber Reinforced Plastic Tee	1,169.63	354.71
23 31 16 16-0120	EA	30" Fiber Reinforced Plastic Tee	1,403.84	386.77
23 31 16 16-0121	EA	36" Fiber Reinforced Plastic Tee	1,689.78	435.40
23 31 16 16-0122	EA	42" Fiber Reinforced Plastic Tee	2,252.30	483.76
23 31 16 16-0123	EA	48" Fiber Reinforced Plastic Tee	2,694.65	532.20
23 31 16 16-0124	EA	54" Fiber Reinforced Plastic Tee	3,244.49	645.21
23 31 16 16-0125	EA	60" Fiber Reinforced Plastic Tee	3,874.52	806.33
23 31 16 16-0126	EA	66" Fiber Reinforced Plastic Tee	4,504.04	967.07
23 31 16 16-0127	EA	72" Fiber Reinforced Plastic Tee	5,081.35	1,096.56

23 31 16 16-0128 Fiber Reinforced Plastic Lateral Joint *(23 31 16 16-0001)*

23 31 16 16-0129	EA	2" Fiber Reinforced Plastic Lateral Joint	163.53	69.23
23 31 16 16-0130	EA	3" Fiber Reinforced Plastic Lateral Joint	191.97	83.37
23 31 16 16-0131	EA	4" Fiber Reinforced Plastic Lateral Joint	219.05	96.71
23 31 16 16-0132	EA	6" Fiber Reinforced Plastic Lateral Joint	277.67	128.96
23 31 16 16-0133	EA	8" Fiber Reinforced Plastic Lateral Joint	334.80	160.39
23 31 16 16-0134	EA	10" Fiber Reinforced Plastic Lateral Joint	400.98	194.32
23 31 16 16-0135	EA	12" Fiber Reinforced Plastic Lateral Joint	479.54	235.70
23 31 16 16-0136	EA	14" Fiber Reinforced Plastic Lateral Joint	520.82	254.69
23 31 16 16-0137	EA	16" Fiber Reinforced Plastic Lateral Joint	572.48	276.98
23 31 16 16-0138	EA	18" Fiber Reinforced Plastic Lateral Joint	620.09	296.86
23 31 16 16-0139	EA	20" Fiber Reinforced Plastic Lateral Joint	677.57	322.66
23 31 16 16-0140	EA	24" Fiber Reinforced Plastic Lateral Joint	750.25	354.71
23 31 16 16-0141	EA	30" Fiber Reinforced Plastic Lateral Joint	829.85	386.59
23 31 16 16-0142	EA	36" Fiber Reinforced Plastic Lateral Joint	937.33	435.13
23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	1,047.79	484.02
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	1,151.77	532.02
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,373.49	643.34
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	1,671.61	807.75
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	2,022.68	967.78
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	2,261.42	1,096.56

23 31 16 16-0149 Fiber Reinforced Plastic One Piece Reducer *(23 31 16 16-0001)*

23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	140.07	46.48
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	164.77	55.53
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	194.28	64.48
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	249.33	85.97
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	299.61	107.46
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	360.39	129.49
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	426.38	160.39
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	456.46	169.78
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	504.82	184.29
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	556.37	197.90
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	623.32	214.93
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	712.65	236.69
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	801.71	258.36
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	908.26	290.41
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	1,015.00	322.66
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	1,145.53	354.71
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,355.11	429.84
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,611.34	537.31
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	1,795.27	643.34
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	2,014.08	731.18

23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer *(23 31 16 16-0001)*

23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	168.99	46.48
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	184.05	55.53
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	213.56	64.48
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	275.84	85.97
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	338.17	107.46
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	401.37	129.49
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	479.41	160.39
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	523.95	169.78
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	572.30	184.29
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	647.96	197.90
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	825.78	214.93
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	1,009.10	236.69
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	1,081.29	258.36
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	1,231.22	290.41
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,333.15	322.66
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,458.85	354.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0187	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,608.18	429.84
23 31 16 16-0188	EA	60" Fiber Reinforced Plastic Two Piece Reducer	1,849.95	537.31
23 31 16 16-0189	EA	66" Fiber Reinforced Plastic Two Piece Reducer	2,060.39	643.34
23 31 16 16-0190	EA	72" Fiber Reinforced Plastic Two Piece Reducer	2,255.10	731.18

23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers *(23 31 16 16-0001)*

23 31 16 16-0192	EA	2" Fiber Reinforced Plastic Damper	306.33	46.39
23 31 16 16-0193	EA	3" Fiber Reinforced Plastic Damper	345.49	55.43
23 31 16 16-0194	EA	4" Fiber Reinforced Plastic Damper	384.63	64.48
23 31 16 16-0195	EA	6" Fiber Reinforced Plastic Damper	456.61	85.97
23 31 16 16-0196	EA	8" Fiber Reinforced Plastic Damper	540.63	107.46
23 31 16 16-0197	EA	10" Fiber Reinforced Plastic Damper	612.62	128.96
23 31 16 16-0198	EA	12" Fiber Reinforced Plastic Damper	701.09	160.39
23 31 16 16-0199	EA	14" Fiber Reinforced Plastic Damper	777.09	169.78
23 31 16 16-0200	EA	16" Fiber Reinforced Plastic Damper	861.70	184.38
23 31 16 16-0201	EA	18" Fiber Reinforced Plastic Damper	944.17	197.73
23 31 16 16-0202	EA	20" Fiber Reinforced Plastic Damper	1,009.01	214.93
23 31 16 16-0203	EA	24" Fiber Reinforced Plastic Damper	1,141.24	236.42
23 31 16 16-0204	EA	30" Fiber Reinforced Plastic Damper	1,321.64	257.91
23 31 16 16-0205	EA	36" Fiber Reinforced Plastic Damper	1,520.03	290.15
23 31 16 16-0206	EA	42" Fiber Reinforced Plastic Damper	1,742.49	322.48
23 31 16 16-0207	EA	48" Fiber Reinforced Plastic Damper	1,940.89	354.71
23 31 16 16-0208	EA	54" Fiber Reinforced Plastic Damper	2,283.04	429.84
23 31 16 16-0209	EA	60" Fiber Reinforced Plastic Damper	2,679.06	537.31
23 31 16 16-0210	EA	66" Fiber Reinforced Plastic Damper	3,050.63	644.59
23 31 16 16-0211	EA	72" Fiber Reinforced Plastic Damper	3,507.09	730.47

23 33 Air Duct Accessories *(23 30)*

23 33 13 Dampers *(23 33)*

23 33 13 13 Volume-Control Dampers *(23 33 13)*

23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction *(23 33 13 13)*

23 33 13 13-0002	EA	6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	48.80	8.31
		For Stainless Steel, Add	*21.55*	
		For Parallel Blade Damper, Add	*6.63*	
23 33 13 13-0003	EA	7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	54.20	9.34
		For Stainless Steel, Add	*21.87*	
		For Parallel Blade Damper, Add	*6.73*	
23 33 13 13-0004	EA	8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	60.45	10.38
		For Stainless Steel, Add	*22.09*	
		For Parallel Blade Damper, Add	*6.80*	
23 33 13 13-0005	EA	10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	65.97	12.46
		For Stainless Steel, Add	*23.48*	
		For Parallel Blade Damper, Add	*7.22*	
23 33 13 13-0006	EA	12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	72.51	13.49
		For Stainless Steel, Add	*24.86*	
		For Parallel Blade Damper, Add	*7.65*	
23 33 13 13-0007	EA	14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	82.83	14.53
		For Stainless Steel, Add	*31.76*	
		For Parallel Blade Damper, Add	*9.77*	
23 33 13 13-0008	EA	15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	91.00	15.58
		For Stainless Steel, Add	*34.52*	
		For Parallel Blade Damper, Add	*10.62*	
23 33 13 13-0009	EA	16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	96.82	17.65
		For Stainless Steel, Add	*35.89*	
		For Parallel Blade Damper, Add	*11.04*	
23 33 13 13-0010	EA	18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	105.55	18.68
		For Stainless Steel, Add	*40.04*	
		For Parallel Blade Damper, Add	*12.32*	
23 33 13 13-0011	EA	20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	119.49	20.76
		For Stainless Steel, Add	*49.71*	
		For Parallel Blade Damper, Add	*15.30*	
23 33 13 13-0012	EA	24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	128.49	20.76
		For Stainless Steel, Add	*56.60*	
		For Parallel Blade Damper, Add	*17.42*	
23 33 13 13-0013	EA	30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	144.42	23.88
		For Stainless Steel, Add	*66.27*	
		For Parallel Blade Damper, Add	*20.39*	
23 33 13 13-0014	EA	36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	153.91	24.92
		For Stainless Steel, Add	*72.22*	
		For Parallel Blade Damper, Add	*22.22*	

23 33 13 13-0015 Rectangular Opposed Blade Damper *(23 33 13 13)*

23 33 13 13-0016	EA	6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	73.21	11.53
		For Stainless Steel, Add	*50.22*	
		For Parallel Blade Damper, Add	*15.45*	
23 33 13 13-0017	EA	8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	77.51	12.04
		For Stainless Steel, Add	*53.78*	
		For Parallel Blade Damper, Add	*16.55*	
23 33 13 13-0018	EA	8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	80.47	12.15
		For Stainless Steel, Add	*57.37*	
		For Parallel Blade Damper, Add	*17.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0019	EA	10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	80.47	12.15
		For Stainless Steel, Add	*57.37*	
		For Parallel Blade Damper, Add	*17.65*	
23 33 13 13-0020	EA	10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	84.29	12.47
		For Stainless Steel, Add	*60.97*	
		For Parallel Blade Damper, Add	*18.76*	
23 33 13 13-0021	EA	10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	93.94	13.81
		For Stainless Steel, Add	*68.12*	
		For Parallel Blade Damper, Add	*20.96*	
23 33 13 13-0022	EA	12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	84.29	12.47
		For Stainless Steel, Add	*60.97*	
		For Parallel Blade Damper, Add	*18.76*	
23 33 13 13-0023	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	91.86	13.19
		For Stainless Steel, Add	*68.12*	
		For Parallel Blade Damper, Add	*20.96*	
23 33 13 13-0024	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	96.72	13.81
		For Stainless Steel, Add	*71.73*	
		For Parallel Blade Damper, Add	*22.07*	
23 33 13 13-0025	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	104.67	15.57
		For Stainless Steel, Add	*75.32*	
		For Parallel Blade Damper, Add	*23.18*	
23 33 13 13-0026	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	90.50	13.19
		For Stainless Steel, Add	*66.35*	
		For Parallel Blade Damper, Add	*20.42*	
23 33 13 13-0027	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	96.72	13.81
		For Stainless Steel, Add	*71.73*	
		For Parallel Blade Damper, Add	*22.07*	
23 33 13 13-0028	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	101.55	14.54
		For Stainless Steel, Add	*75.32*	
		For Parallel Blade Damper, Add	*23.18*	
23 33 13 13-0029	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	107.43	15.57
		For Stainless Steel, Add	*78.91*	
		For Parallel Blade Damper, Add	*24.28*	
23 33 13 13-0030	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	119.51	17.34
		For Stainless Steel, Add	*87.87*	
		For Parallel Blade Damper, Add	*27.04*	
23 33 13 13-0031	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	96.72	13.81
		For Stainless Steel, Add	*71.73*	
		For Parallel Blade Damper, Add	*22.07*	
23 33 13 13-0032	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	102.60	14.85
		For Stainless Steel, Add	*75.32*	
		For Parallel Blade Damper, Add	*23.18*	
23 33 13 13-0033	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	109.51	16.31
		For Stainless Steel, Add	*78.91*	
		For Parallel Blade Damper, Add	*24.28*	
23 33 13 13-0034	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	115.37	17.34
		For Stainless Steel, Add	*82.49*	
		For Parallel Blade Damper, Add	*25.38*	
23 33 13 13-0035	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	127.48	19.00
		For Stainless Steel, Add	*91.48*	
		For Parallel Blade Damper, Add	*28.15*	
23 33 13 13-0036	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	139.57	20.77
		For Stainless Steel, Add	*100.44*	
		For Parallel Blade Damper, Add	*30.90*	
23 33 13 13-0037	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	101.55	14.54
		For Stainless Steel, Add	*75.32*	
		For Parallel Blade Damper, Add	*23.18*	
23 33 13 13-0038	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	108.80	15.57
		For Stainless Steel, Add	*80.69*	
		For Parallel Blade Damper, Add	*24.83*	
23 33 13 13-0039	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	118.15	17.34
		For Stainless Steel, Add	*86.10*	
		For Parallel Blade Damper, Add	*26.49*	
23 33 13 13-0040	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	130.24	19.00
		For Stainless Steel, Add	*95.07*	
		For Parallel Blade Damper, Add	*29.25*	
23 33 13 13-0041	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	140.95	20.77
		For Stainless Steel, Add	*102.23*	
		For Parallel Blade Damper, Add	*31.46*	
23 33 13 13-0042	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	153.02	22.43
		For Stainless Steel, Add	*111.18*	
		For Parallel Blade Damper, Add	*34.21*	
23 33 13 13-0043	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	162.36	24.20
		For Stainless Steel, Add	*116.57*	
		For Parallel Blade Damper, Add	*35.87*	
23 33 13 13-0044	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	107.43	15.57
		For Stainless Steel, Add	*78.91*	
		For Parallel Blade Damper, Add	*24.28*	
23 33 13 13-0045	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	118.13	17.34
		For Stainless Steel, Add	*86.07*	
		For Parallel Blade Damper, Add	*26.48*	
23 33 13 13-0046	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	128.84	19.00
		For Stainless Steel, Add	*93.25*	
		For Parallel Blade Damper, Add	*28.69*	
23 33 13 13-0047	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	145.09	20.77
		For Stainless Steel, Add	*107.61*	
		For Parallel Blade Damper, Add	*33.11*	
23 33 13 13-0048	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	154.42	22.43
		For Stainless Steel, Add	*113.00*	
		For Parallel Blade Damper, Add	*34.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0049	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	163.76	24.20
		For Stainless Steel, Add	*118.39*	
		For Parallel Blade Damper, Add	*36.43*	
23 33 13 13-0050	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.45	25.96
		For Stainless Steel, Add	*125.54*	
		For Parallel Blade Damper, Add	*38.63*	
23 33 13 13-0051	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	185.16	27.63
		For Stainless Steel, Add	*132.70*	
		For Parallel Blade Damper, Add	*40.83*	
23 33 13 13-0052	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	120.89	17.34
		For Stainless Steel, Add	*89.66*	
		For Parallel Blade Damper, Add	*27.59*	
23 33 13 13-0053	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	134.37	19.00
		For Stainless Steel, Add	*100.44*	
		For Parallel Blade Damper, Add	*30.90*	
23 33 13 13-0054	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	145.09	20.77
		For Stainless Steel, Add	*107.61*	
		For Parallel Blade Damper, Add	*33.11*	
23 33 13 13-0055	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	158.57	22.43
		For Stainless Steel, Add	*118.39*	
		For Parallel Blade Damper, Add	*36.43*	
23 33 13 13-0056	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	167.88	24.20
		For Stainless Steel, Add	*123.75*	
		For Parallel Blade Damper, Add	*38.08*	
23 33 13 13-0057	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	177.21	25.96
		For Stainless Steel, Add	*129.13*	
		For Parallel Blade Damper, Add	*39.73*	
23 33 13 13-0058	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	190.68	27.63
		For Stainless Steel, Add	*139.88*	
		For Parallel Blade Damper, Add	*43.04*	
23 33 13 13-0059	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	209.32	31.15
		For Stainless Steel, Add	*150.63*	
		For Parallel Blade Damper, Add	*46.35*	
23 33 13 13-0060	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	230.77	34.58
		For Stainless Steel, Add	*165.01*	
		For Parallel Blade Damper, Add	*50.77*	
23 33 13 13-0061	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	134.37	19.00
		For Stainless Steel, Add	*100.44*	
		For Parallel Blade Damper, Add	*30.90*	
23 33 13 13-0062	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	145.09	20.77
		For Stainless Steel, Add	*107.61*	
		For Parallel Blade Damper, Add	*33.11*	
23 33 13 13-0063	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	158.57	22.43
		For Stainless Steel, Add	*118.39*	
		For Parallel Blade Damper, Add	*36.43*	
23 33 13 13-0064	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	169.26	24.20
		For Stainless Steel, Add	*125.54*	
		For Parallel Blade Damper, Add	*38.63*	
23 33 13 13-0065	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	181.34	25.96
		For Stainless Steel, Add	*134.50*	
		For Parallel Blade Damper, Add	*41.38*	
23 33 13 13-0066	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	193.42	27.63
		For Stainless Steel, Add	*143.44*	
		For Parallel Blade Damper, Add	*44.14*	
23 33 13 13-0067	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	212.08	31.15
		For Stainless Steel, Add	*154.22*	
		For Parallel Blade Damper, Add	*47.45*	
23 33 13 13-0068	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	230.77	34.58
		For Stainless Steel, Add	*165.01*	
		For Parallel Blade Damper, Add	*50.77*	
23 33 13 13-0069	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	252.51	36.34
		For Stainless Steel, Add	*186.51*	
		For Parallel Blade Damper, Add	*57.39*	
23 33 13 13-0070	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	276.68	39.77
		For Stainless Steel, Add	*204.44*	
		For Parallel Blade Damper, Add	*62.90*	
23 33 13 13-0071	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	153.38	20.77
		For Stainless Steel, Add	*118.39*	
		For Parallel Blade Damper, Add	*36.43*	
23 33 13 13-0072	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	161.31	22.43
		For Stainless Steel, Add	*121.95*	
		For Parallel Blade Damper, Add	*37.52*	
23 33 13 13-0073	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	169.26	24.20
		For Stainless Steel, Add	*125.54*	
		For Parallel Blade Damper, Add	*38.63*	
23 33 13 13-0074	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	179.96	25.96
		For Stainless Steel, Add	*132.70*	
		For Parallel Blade Damper, Add	*40.83*	
23 33 13 13-0075	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	193.96	27.63
		For Stainless Steel, Add	*144.14*	
		For Parallel Blade Damper, Add	*44.35*	
23 33 13 13-0076	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	212.08	31.15
		For Stainless Steel, Add	*154.22*	
		For Parallel Blade Damper, Add	*47.45*	
23 33 13 13-0077	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	233.54	34.58
		For Stainless Steel, Add	*168.61*	
		For Parallel Blade Damper, Add	*51.88*	
23 33 13 13-0078	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	254.94	38.01
		For Stainless Steel, Add	*182.94*	
		For Parallel Blade Damper, Add	*56.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0079	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	276.68	39.77
		For Stainless Steel, Add	*204.44*	
		For Parallel Blade Damper, Add	*62.90*	
23 33 13 13-0080	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	304.31	42.57
		For Stainless Steel, Add	*229.57*	
		For Parallel Blade Damper, Add	*70.64*	
23 33 13 13-0081	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	333.66	44.97
		For Stainless Steel, Add	*258.27*	
		For Parallel Blade Damper, Add	*79.47*	
23 33 13 13-0082	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	166.83	22.43
		For Stainless Steel, Add	*129.13*	
		For Parallel Blade Damper, Add	*39.73*	
23 33 13 13-0083	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	177.53	24.20
		For Stainless Steel, Add	*136.29*	
		For Parallel Blade Damper, Add	*41.94*	
23 33 13 13-0084	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	188.22	25.96
		For Stainless Steel, Add	*143.44*	
		For Parallel Blade Damper, Add	*44.14*	
23 33 13 13-0085	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	201.71	27.63
		For Stainless Steel, Add	*154.22*	
		For Parallel Blade Damper, Add	*47.45*	
23 33 13 13-0086	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	216.24	31.15
		For Stainless Steel, Add	*159.63*	
		For Parallel Blade Damper, Add	*49.12*	
23 33 13 13-0087	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	225.58	32.81
		For Stainless Steel, Add	*165.01*	
		For Parallel Blade Damper, Add	*50.77*	
23 33 13 13-0088	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	254.94	38.01
		For Stainless Steel, Add	*182.94*	
		For Parallel Blade Damper, Add	*56.29*	
23 33 13 13-0089	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	279.10	41.54
		For Stainless Steel, Add	*200.84*	
		For Parallel Blade Damper, Add	*61.80*	
23 33 13 13-0090	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	299.83	42.89
		For Stainless Steel, Add	*222.39*	
		For Parallel Blade Damper, Add	*68.43*	
23 33 13 13-0091	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	331.23	46.00
		For Stainless Steel, Add	*251.06*	
		For Parallel Blade Damper, Add	*77.25*	
23 33 13 13-0092	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	357.82	48.40
		For Stainless Steel, Add	*276.17*	
		For Parallel Blade Damper, Add	*84.98*	
23 33 13 13-0093	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	385.09	50.15
		For Stainless Steel, Add	*304.86*	
		For Parallel Blade Damper, Add	*93.80*	
23 33 13 13-0094	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.77	25.96
		For Stainless Steel, Add	*132.70*	
		For Parallel Blade Damper, Add	*40.83*	
23 33 13 13-0095	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	190.98	27.63
		For Stainless Steel, Add	*147.03*	
		For Parallel Blade Damper, Add	*45.24*	
23 33 13 13-0096	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	198.95	29.39
		For Stainless Steel, Add	*150.63*	
		For Parallel Blade Damper, Add	*46.35*	
23 33 13 13-0097	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	206.90	31.15
		For Stainless Steel, Add	*154.22*	
		For Parallel Blade Damper, Add	*47.45*	
23 33 13 13-0098	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	226.95	32.81
		For Stainless Steel, Add	*166.79*	
		For Parallel Blade Damper, Add	*51.32*	
23 33 13 13-0099	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	241.80	34.58
		For Stainless Steel, Add	*179.35*	
		For Parallel Blade Damper, Add	*55.18*	
23 33 13 13-0100	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	268.41	39.77
		For Stainless Steel, Add	*193.69*	
		For Parallel Blade Damper, Add	*59.60*	
23 33 13 13-0101	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	289.85	43.20
		For Stainless Steel, Add	*208.05*	
		For Parallel Blade Damper, Add	*64.02*	
23 33 13 13-0102	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	314.70	46.00
		For Stainless Steel, Add	*229.57*	
		For Parallel Blade Damper, Add	*70.64*	
23 33 13 13-0103	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	352.31	48.40
		For Stainless Steel, Add	*269.01*	
		For Parallel Blade Damper, Add	*82.77*	
23 33 13 13-0104	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	377.16	51.19
		For Stainless Steel, Add	*290.51*	
		For Parallel Blade Damper, Add	*89.39*	
23 33 13 13-0105	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	411.67	52.55
		For Stainless Steel, Add	*329.98*	
		For Parallel Blade Damper, Add	*101.53*	
23 33 13 13-0106	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	447.58	55.35
		For Stainless Steel, Add	*365.86*	
		For Parallel Blade Damper, Add	*112.57*	
23 33 13 13-0107	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	185.48	25.96
		For Stainless Steel, Add	*139.88*	
		For Parallel Blade Damper, Add	*43.04*	
23 33 13 13-0108	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	201.71	27.63
		For Stainless Steel, Add	*154.22*	
		For Parallel Blade Damper, Add	*47.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	215.20	29.39
		For Stainless Steel, Add	*165.01*	
		For Parallel Blade Damper, Add	*50.77*	
23 33 13 13-0110	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	223.15	31.15
		For Stainless Steel, Add	*168.61*	
		For Parallel Blade Damper, Add	*51.88*	
23 33 13 13-0111	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	239.37	32.81
		For Stainless Steel, Add	*182.94*	
		For Parallel Blade Damper, Add	*56.29*	
23 33 13 13-0112	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	255.59	34.58
		For Stainless Steel, Add	*197.28*	
		For Parallel Blade Damper, Add	*60.70*	
23 33 13 13-0113	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	290.17	41.54
		For Stainless Steel, Add	*215.23*	
		For Parallel Blade Damper, Add	*66.22*	
23 33 13 13-0114	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	314.32	44.97
		For Stainless Steel, Add	*233.13*	
		For Parallel Blade Damper, Add	*71.73*	
23 33 13 13-0115	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	352.31	48.40
		For Stainless Steel, Add	*269.01*	
		For Parallel Blade Damper, Add	*82.77*	
23 33 13 13-0116	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	387.53	51.92
		For Stainless Steel, Add	*301.30*	
		For Parallel Blade Damper, Add	*92.71*	
23 33 13 13-0117	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	425.48	55.35
		For Stainless Steel, Add	*337.13*	
		For Parallel Blade Damper, Add	*103.73*	
23 33 13 13-0118	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	455.51	57.01
		For Stainless Steel, Add	*369.42*	
		For Parallel Blade Damper, Add	*113.67*	
23 33 13 13-0119	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	485.54	58.77
		For Stainless Steel, Add	*401.71*	
		For Parallel Blade Damper, Add	*123.60*	
23 33 13 13-0120	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	515.57	60.54
		For Stainless Steel, Add	*434.01*	
		For Parallel Blade Damper, Add	*133.54*	
23 33 13 13-0121	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	198.95	27.63
		For Stainless Steel, Add	*150.63*	
		For Parallel Blade Damper, Add	*46.35*	
23 33 13 13-0122	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	215.20	29.39
		For Stainless Steel, Add	*165.01*	
		For Parallel Blade Damper, Add	*50.77*	
23 33 13 13-0123	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	223.15	31.15
		For Stainless Steel, Add	*168.61*	
		For Parallel Blade Damper, Add	*51.88*	
23 33 13 13-0124	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	241.80	34.58
		For Stainless Steel, Add	*179.35*	
		For Parallel Blade Damper, Add	*55.18*	
23 33 13 13-0125	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	263.21	38.01
		For Stainless Steel, Add	*193.69*	
		For Parallel Blade Damper, Add	*59.60*	
23 33 13 13-0126	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	284.65	41.54
		For Stainless Steel, Add	*208.05*	
		For Parallel Blade Damper, Add	*64.02*	
23 33 13 13-0127	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	311.58	44.97
		For Stainless Steel, Add	*229.57*	
		For Parallel Blade Damper, Add	*70.64*	
23 33 13 13-0128	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	338.50	48.40
		For Stainless Steel, Add	*251.06*	
		For Parallel Blade Damper, Add	*77.25*	
23 33 13 13-0129	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	373.72	51.92
		For Stainless Steel, Add	*283.35*	
		For Parallel Blade Damper, Add	*87.18*	
23 33 13 13-0130	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	414.45	55.35
		For Stainless Steel, Add	*322.79*	
		For Parallel Blade Damper, Add	*99.32*	
23 33 13 13-0131	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	444.50	57.01
		For Stainless Steel, Add	*355.11*	
		For Parallel Blade Damper, Add	*109.26*	
23 33 13 13-0132	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	482.78	58.77
		For Stainless Steel, Add	*398.13*	
		For Parallel Blade Damper, Add	*122.50*	
23 33 13 13-0133	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	518.01	62.20
		For Stainless Steel, Add	*430.42*	
		For Parallel Blade Damper, Add	*132.44*	
23 33 13 13-0134	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	556.29	63.97
		For Stainless Steel, Add	*473.45*	
		For Parallel Blade Damper, Add	*145.68*	
23 33 13 13-0135	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	593.96	69.16
		For Stainless Steel, Add	*502.15*	
		For Parallel Blade Damper, Add	*154.51*	
23 33 13 13-0136	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	212.44	29.39
		For Stainless Steel, Add	*161.42*	
		For Parallel Blade Damper, Add	*49.67*	
23 33 13 13-0137	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	228.65	31.15
		For Stainless Steel, Add	*175.76*	
		For Parallel Blade Damper, Add	*54.08*	
23 33 13 13-0138	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	250.07	34.58
		For Stainless Steel, Add	*190.10*	
		For Parallel Blade Damper, Add	*58.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0139	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	263.21	38.01
		For Stainless Steel, Add	*193.69*	
		For Parallel Blade Damper, Add	*59.60*	
23 33 13 13-0140	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	286.03	41.54
		For Stainless Steel, Add	*209.85*	
		For Parallel Blade Damper, Add	*64.57*	
23 33 13 13-0141	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	308.82	44.97
		For Stainless Steel, Add	*225.98*	
		For Parallel Blade Damper, Add	*69.53*	
23 33 13 13-0142	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	335.76	48.40
		For Stainless Steel, Add	*247.49*	
		For Parallel Blade Damper, Add	*76.15*	
23 33 13 13-0143	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	362.69	51.92
		For Stainless Steel, Add	*269.01*	
		For Parallel Blade Damper, Add	*82.77*	
23 33 13 13-0144	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	397.92	55.35
		For Stainless Steel, Add	*301.30*	
		For Parallel Blade Damper, Add	*92.71*	
23 33 13 13-0145	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	441.39	58.77
		For Stainless Steel, Add	*344.32*	
		For Parallel Blade Damper, Add	*105.94*	
23 33 13 13-0146	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	474.16	60.54
		For Stainless Steel, Add	*380.17*	
		For Parallel Blade Damper, Add	*116.98*	
23 33 13 13-0147	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	515.24	62.20
		For Stainless Steel, Add	*426.82*	
		For Parallel Blade Damper, Add	*131.33*	
23 33 13 13-0148	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	558.71	65.74
		For Stainless Steel, Add	*469.83*	
		For Parallel Blade Damper, Add	*144.56*	
23 33 13 13-0149	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	593.96	69.16
		For Stainless Steel, Add	*502.15*	
		For Parallel Blade Damper, Add	*154.51*	
23 33 13 13-0150	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	642.63	74.35
		For Stainless Steel, Add	*545.18*	
		For Parallel Blade Damper, Add	*167.75*	
23 33 13 13-0151	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	680.61	77.78
		For Stainless Steel, Add	*581.06*	
		For Parallel Blade Damper, Add	*178.79*	
23 33 13 13-0152	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	223.15	31.15
		For Stainless Steel, Add	*168.61*	
		For Parallel Blade Damper, Add	*51.88*	
23 33 13 13-0153	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	247.31	34.58
		For Stainless Steel, Add	*186.51*	
		For Parallel Blade Damper, Add	*57.39*	
23 33 13 13-0154	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	265.97	38.01
		For Stainless Steel, Add	*197.28*	
		For Parallel Blade Damper, Add	*60.70*	
23 33 13 13-0155	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	279.10	41.54
		For Stainless Steel, Add	*200.84*	
		For Parallel Blade Damper, Add	*61.80*	
23 33 13 13-0156	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	304.68	44.97
		For Stainless Steel, Add	*220.60*	
		For Parallel Blade Damper, Add	*67.88*	
23 33 13 13-0157	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	330.24	48.40
		For Stainless Steel, Add	*240.32*	
		For Parallel Blade Damper, Add	*73.94*	
23 33 13 13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	355.79	51.92
		For Stainless Steel, Add	*260.04*	
		For Parallel Blade Damper, Add	*80.01*	
23 33 13 13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	381.35	55.35
		For Stainless Steel, Add	*279.76*	
		For Parallel Blade Damper, Add	*86.08*	
23 33 13 13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	424.83	58.77
		For Stainless Steel, Add	*322.79*	
		For Parallel Blade Damper, Add	*99.32*	
23 33 13 13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	463.15	60.54
		For Stainless Steel, Add	*365.86*	
		For Parallel Blade Damper, Add	*112.57*	
23 33 13 13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	498.69	62.20
		For Stainless Steel, Add	*405.30*	
		For Parallel Blade Damper, Add	*124.71*	
23 33 13 13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	547.70	65.74
		For Stainless Steel, Add	*455.52*	
		For Parallel Blade Damper, Add	*140.16*	
23 33 13 13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	591.19	69.16
		For Stainless Steel, Add	*498.55*	
		For Parallel Blade Damper, Add	*153.40*	
23 33 13 13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	637.44	72.58
		For Stainless Steel, Add	*545.18*	
		For Parallel Blade Damper, Add	*167.75*	
23 33 13 13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	675.43	76.11
		For Stainless Steel, Add	*581.06*	
		For Parallel Blade Damper, Add	*178.79*	
23 33 13 13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	721.68	79.54
		For Stainless Steel, Add	*627.69*	
		For Parallel Blade Damper, Add	*193.14*	
23 33 13 13-0168	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	767.93	82.97
		For Stainless Steel, Add	*674.31*	
		For Parallel Blade Damper, Add	*207.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0169	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	241.80	34.58
		For Stainless Steel, Add	*179.35*	
		For Parallel Blade Damper, Add	*55.18*	
23 33 13 13-0170	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	265.97	38.01
		For Stainless Steel, Add	*197.28*	
		For Parallel Blade Damper, Add	*60.70*	
23 33 13 13-0171	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	281.87	41.54
		For Stainless Steel, Add	*204.44*	
		For Parallel Blade Damper, Add	*62.90*	
23 33 13 13-0172	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	295.03	44.97
		For Stainless Steel, Add	*208.05*	
		For Parallel Blade Damper, Add	*64.02*	
23 33 13 13-0173	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	321.97	48.40
		For Stainless Steel, Add	*229.57*	
		For Parallel Blade Damper, Add	*70.64*	
23 33 13 13-0174	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	348.88	51.92
		For Stainless Steel, Add	*251.06*	
		For Parallel Blade Damper, Add	*77.25*	
23 33 13 13-0175	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	377.21	55.35
		For Stainless Steel, Add	*274.38*	
		For Parallel Blade Damper, Add	*84.42*	
23 33 13 13-0176	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	405.52	58.77
		For Stainless Steel, Add	*297.69*	
		For Parallel Blade Damper, Add	*91.60*	
23 33 13 13-0177	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.58	60.54
		For Stainless Steel, Add	*344.32*	
		For Parallel Blade Damper, Add	*105.94*	
23 33 13 13-0178	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	484.88	62.20
		For Stainless Steel, Add	*387.35*	
		For Parallel Blade Damper, Add	*119.18*	
23 33 13 13-0179	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	531.15	65.74
		For Stainless Steel, Add	*434.01*	
		For Parallel Blade Damper, Add	*133.54*	
23 33 13 13-0180	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	577.40	69.16
		For Stainless Steel, Add	*480.62*	
		For Parallel Blade Damper, Add	*147.88*	
23 33 13 13-0181	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	615.36	72.58
		For Stainless Steel, Add	*516.48*	
		For Parallel Blade Damper, Add	*158.92*	
23 33 13 13-0182	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	669.89	76.11
		For Stainless Steel, Add	*573.86*	
		For Parallel Blade Damper, Add	*176.57*	
23 33 13 13-0183	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	718.90	79.54
		For Stainless Steel, Add	*624.08*	
		For Parallel Blade Damper, Add	*192.02*	
23 33 13 13-0184	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	767.93	82.97
		For Stainless Steel, Add	*674.31*	
		For Parallel Blade Damper, Add	*207.48*	
23 33 13 13-0185	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	811.37	86.50
		For Stainless Steel, Add	*717.30*	
		For Parallel Blade Damper, Add	*220.71*	
23 33 13 13-0186	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	854.90	89.92
		For Stainless Steel, Add	*760.38*	
		For Parallel Blade Damper, Add	*233.96*	

23 33 13 16 Fire Dampers *(23 33 13)*

23 33 13 16-0001 Fire Dampers *(23 33 13 16)*

23 33 13 16-0002	SF	Fire Damper, Vertical Curtain Type	59.22	11.22
		For Smoke Damper, Add	*21.65*	
		For Horizontal, Add	*3.82*	
		For Dynamic Damper, Add	*5.73*	
		For 3 Hour Rated, Add	*5.09*	
23 33 13 16-0003	SF	Fire Damper, Vertical Louver Type	73.12	11.22
		For Smoke Damper, Add	*33.46*	
		For Horizontal, Add	*5.91*	
		For Dynamic Damper, Add	*8.86*	
		For 3 Hour Rated, Add	*7.87*	

23 33 13 16-0004 Folding Curtain Fire Dampers *(23 33 13 16)*

Note: UL Listed. Air stream galvanized steel construction with fusible link 160 F spring actuated for horizontal mount gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

23 33 13 16-0005	EA	6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	50.98	11.53
		For Horizontal, Add	*2.46*	
		For Dynamic Damper, Add	*3.69*	
		For 3 Hour Rated, Add	*3.28*	
		For Damper Blades Outside Air Stream, Add	*4.92*	
23 33 13 16-0006	EA	8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	53.70	12.04
		For Horizontal, Add	*2.63*	
		For Dynamic Damper, Add	*3.95*	
		For 3 Hour Rated, Add	*3.51*	
		For Damper Blades Outside Air Stream, Add	*5.27*	
23 33 13 16-0007	EA	8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	55.08	12.15
		For Horizontal, Add	*2.81*	
		For Dynamic Damper, Add	*4.22*	
		For 3 Hour Rated, Add	*3.75*	
		For Damper Blades Outside Air Stream, Add	*5.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	55.08	12.15
		For Horizontal, Add	*2.81*	
		For Dynamic Damper, Add	*4.22*	
		For 3 Hour Rated, Add	*3.75*	
		For Damper Blades Outside Air Stream, Add	*5.62*	
23 33 13 16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	57.30	12.47
		For Horizontal, Add	*2.99*	
		For Dynamic Damper, Add	*4.48*	
		For 3 Hour Rated, Add	*3.98*	
		For Damper Blades Outside Air Stream, Add	*5.97*	
23 33 13 16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	63.79	13.81
		For Horizontal, Add	*3.34*	
		For Dynamic Damper, Add	*5.01*	
		For 3 Hour Rated, Add	*4.45*	
		For Damper Blades Outside Air Stream, Add	*6.68*	
23 33 13 16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	57.30	12.47
		For Horizontal, Add	*2.99*	
		For Dynamic Damper, Add	*4.48*	
		For 3 Hour Rated, Add	*3.98*	
		For Damper Blades Outside Air Stream, Add	*5.97*	
23 33 13 16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	61.71	13.19
		For Horizontal, Add	*3.34*	
		For Dynamic Damper, Add	*5.01*	
		For 3 Hour Rated, Add	*4.45*	
		For Damper Blades Outside Air Stream, Add	*6.68*	
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	64.96	13.81
		For Horizontal, Add	*3.51*	
		For Dynamic Damper, Add	*5.27*	
		For 3 Hour Rated, Add	*4.68*	
		For Damper Blades Outside Air Stream, Add	*7.03*	
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	71.33	15.57
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	61.13	13.19
		For Horizontal, Add	*3.25*	
		For Dynamic Damper, Add	*4.88*	
		For 3 Hour Rated, Add	*4.33*	
		For Damper Blades Outside Air Stream, Add	*6.50*	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	64.96	13.81
		For Horizontal, Add	*3.51*	
		For Dynamic Damper, Add	*5.27*	
		For 3 Hour Rated, Add	*4.68*	
		For Damper Blades Outside Air Stream, Add	*7.03*	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	68.21	14.54
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	72.50	15.57
		For Horizontal, Add	*3.87*	
		For Dynamic Damper, Add	*5.80*	
		For 3 Hour Rated, Add	*5.15*	
		For Damper Blades Outside Air Stream, Add	*7.73*	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.62	17.34
		For Horizontal, Add	*4.31*	
		For Dynamic Damper, Add	*6.46*	
		For 3 Hour Rated, Add	*5.74*	
		For Damper Blades Outside Air Stream, Add	*8.61*	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	64.96	13.81
		For Horizontal, Add	*3.51*	
		For Dynamic Damper, Add	*5.27*	
		For 3 Hour Rated, Add	*4.68*	
		For Damper Blades Outside Air Stream, Add	*7.03*	
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	69.26	14.85
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	74.58	16.31
		For Horizontal, Add	*3.87*	
		For Dynamic Damper, Add	*5.80*	
		For 3 Hour Rated, Add	*5.15*	
		For Damper Blades Outside Air Stream, Add	*7.73*	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	78.85	17.34
		For Horizontal, Add	*4.04*	
		For Dynamic Damper, Add	*6.06*	
		For 3 Hour Rated, Add	*5.39*	
		For Damper Blades Outside Air Stream, Add	*8.08*	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	86.98	19.00
		For Horizontal, Add	*4.48*	
		For Dynamic Damper, Add	*6.72*	
		For 3 Hour Rated, Add	*5.97*	
		For Damper Blades Outside Air Stream, Add	*8.96*	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	95.11	20.77
		For Horizontal, Add	*4.92*	
		For Dynamic Damper, Add	*7.38*	
		For 3 Hour Rated, Add	*6.56*	
		For Damper Blades Outside Air Stream, Add	*9.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	68.21	14.54
		For Horizontal, Add	*3.69*	
		For Dynamic Damper, Add	*5.54*	
		For 3 Hour Rated, Add	*4.92*	
		For Damper Blades Outside Air Stream, Add	*7.38*	
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	73.08	15.57
		For Horizontal, Add	*3.95*	
		For Dynamic Damper, Add	*5.93*	
		For 3 Hour Rated, Add	*5.27*	
		For Damper Blades Outside Air Stream, Add	*7.91*	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.04	17.34
		For Horizontal, Add	*4.22*	
		For Dynamic Damper, Add	*6.33*	
		For 3 Hour Rated, Add	*5.62*	
		For Damper Blades Outside Air Stream, Add	*8.44*	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	88.15	19.00
		For Horizontal, Add	*4.66*	
		For Dynamic Damper, Add	*6.98*	
		For 3 Hour Rated, Add	*6.21*	
		For Damper Blades Outside Air Stream, Add	*9.31*	
23 33 13 16-0030	EA	18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	95.69	20.77
		For Horizontal, Add	*5.01*	
		For Dynamic Damper, Add	*7.51*	
		For 3 Hour Rated, Add	*6.68*	
		For Damper Blades Outside Air Stream, Add	*10.01*	
23 33 13 16-0031	EA	18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.81	22.43
		For Horizontal, Add	*5.45*	
		For Dynamic Damper, Add	*8.17*	
		For 3 Hour Rated, Add	*7.26*	
		For Damper Blades Outside Air Stream, Add	*10.89*	
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.76	24.20
		For Horizontal, Add	*5.71*	
		For Dynamic Damper, Add	*8.57*	
		For 3 Hour Rated, Add	*7.61*	
		For Damper Blades Outside Air Stream, Add	*11.42*	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	72.50	15.57
		For Horizontal, Add	*3.87*	
		For Dynamic Damper, Add	*5.80*	
		For 3 Hour Rated, Add	*5.15*	
		For Damper Blades Outside Air Stream, Add	*7.73*	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.03	17.34
		For Horizontal, Add	*4.22*	
		For Dynamic Damper, Add	*6.32*	
		For 3 Hour Rated, Add	*5.62*	
		For Damper Blades Outside Air Stream, Add	*8.43*	
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	87.56	19.00
		For Horizontal, Add	*4.57*	
		For Dynamic Damper, Add	*6.85*	
		For 3 Hour Rated, Add	*6.09*	
		For Damper Blades Outside Air Stream, Add	*9.14*	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.46	20.77
		For Horizontal, Add	*5.27*	
		For Dynamic Damper, Add	*7.91*	
		For 3 Hour Rated, Add	*7.03*	
		For Damper Blades Outside Air Stream, Add	*10.55*	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	104.40	22.43
		For Horizontal, Add	*5.54*	
		For Dynamic Damper, Add	*8.30*	
		For 3 Hour Rated, Add	*7.38*	
		For Damper Blades Outside Air Stream, Add	*11.07*	
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.35	24.20
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.88	25.96
		For Horizontal, Add	*6.15*	
		For Dynamic Damper, Add	*9.23*	
		For 3 Hour Rated, Add	*8.20*	
		For Damper Blades Outside Air Stream, Add	*12.30*	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	126.41	27.63
		For Horizontal, Add	*6.50*	
		For Dynamic Damper, Add	*9.75*	
		For 3 Hour Rated, Add	*8.67*	
		For Damper Blades Outside Air Stream, Add	*13.00*	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	81.20	17.34
		For Horizontal, Add	*4.39*	
		For Dynamic Damper, Add	*6.59*	
		For 3 Hour Rated, Add	*5.86*	
		For Damper Blades Outside Air Stream, Add	*8.78*	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.91	19.00
		For Horizontal, Add	*4.92*	
		For Dynamic Damper, Add	*7.38*	
		For 3 Hour Rated, Add	*6.56*	
		For Damper Blades Outside Air Stream, Add	*9.84*	
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.46	20.77
		For Horizontal, Add	*5.27*	
		For Dynamic Damper, Add	*7.91*	
		For 3 Hour Rated, Add	*7.03*	
		For Damper Blades Outside Air Stream, Add	*10.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0044	EA	24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	106.16	22.43
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0045	EA	24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.10	24.20
		For Horizontal, Add	*6.06*	
		For Dynamic Damper, Add	*9.09*	
		For 3 Hour Rated, Add	*8.08*	
		For Damper Blades Outside Air Stream, Add	*12.12*	
23 33 13 16-0046	EA	24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.05	25.96
		For Horizontal, Add	*6.33*	
		For Dynamic Damper, Add	*9.49*	
		For 3 Hour Rated, Add	*8.43*	
		For Damper Blades Outside Air Stream, Add	*12.65*	
23 33 13 16-0047	EA	24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	128.76	27.63
		For Horizontal, Add	*6.85*	
		For Dynamic Damper, Add	*10.28*	
		For 3 Hour Rated, Add	*9.14*	
		For Damper Blades Outside Air Stream, Add	*13.70*	
23 33 13 16-0048	EA	24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.64	31.15
		For Horizontal, Add	*7.38*	
		For Dynamic Damper, Add	*11.07*	
		For 3 Hour Rated, Add	*9.84*	
		For Damper Blades Outside Air Stream, Add	*14.76*	
23 33 13 16-0049	EA	24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.73	34.58
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0050	EA	28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.91	19.00
		For Horizontal, Add	*4.92*	
		For Dynamic Damper, Add	*7.38*	
		For 3 Hour Rated, Add	*6.56*	
		For Damper Blades Outside Air Stream, Add	*9.84*	
23 33 13 16-0051	EA	28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.46	20.77
		For Horizontal, Add	*5.27*	
		For Dynamic Damper, Add	*7.91*	
		For 3 Hour Rated, Add	*7.03*	
		For Damper Blades Outside Air Stream, Add	*10.55*	
23 33 13 16-0052	EA	28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	106.16	22.43
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0053	EA	28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.69	24.20
		For Horizontal, Add	*6.15*	
		For Dynamic Damper, Add	*9.23*	
		For 3 Hour Rated, Add	*8.20*	
		For Damper Blades Outside Air Stream, Add	*12.30*	
23 33 13 16-0054	EA	28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.81	25.96
		For Horizontal, Add	*6.59*	
		For Dynamic Damper, Add	*9.88*	
		For 3 Hour Rated, Add	*8.79*	
		For Damper Blades Outside Air Stream, Add	*13.18*	
23 33 13 16-0055	EA	28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.93	27.63
		For Horizontal, Add	*7.03*	
		For Dynamic Damper, Add	*10.54*	
		For 3 Hour Rated, Add	*9.37*	
		For Damper Blades Outside Air Stream, Add	*14.06*	
23 33 13 16-0056	EA	28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.82	31.15
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0057	EA	28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.73	34.58
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0058	EA	28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.95	36.34
		For Horizontal, Add	*9.14*	
		For Dynamic Damper, Add	*13.70*	
		For 3 Hour Rated, Add	*12.18*	
		For Damper Blades Outside Air Stream, Add	*18.27*	
23 33 13 16-0059	EA	28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	186.19	39.77
		For Horizontal, Add	*10.02*	
		For Dynamic Damper, Add	*15.02*	
		For 3 Hour Rated, Add	*13.35*	
		For Damper Blades Outside Air Stream, Add	*20.03*	
23 33 13 16-0060	EA	32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	100.97	20.77
		For Horizontal, Add	*5.80*	
		For Dynamic Damper, Add	*8.70*	
		For 3 Hour Rated, Add	*7.73*	
		For Damper Blades Outside Air Stream, Add	*11.60*	
23 33 13 16-0061	EA	32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.32	22.43
		For Horizontal, Add	*5.97*	
		For Dynamic Damper, Add	*8.96*	
		For 3 Hour Rated, Add	*7.96*	
		For Damper Blades Outside Air Stream, Add	*11.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0062	EA	32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.69	24.20
		For Horizontal, Add	*6.15*	
		For Dynamic Damper, Add	*9.23*	
		For 3 Hour Rated, Add	*8.20*	
		For Damper Blades Outside Air Stream, Add	*12.30*	
23 33 13 16-0063	EA	32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.21	25.96
		For Horizontal, Add	*6.50*	
		For Dynamic Damper, Add	*9.75*	
		For 3 Hour Rated, Add	*8.67*	
		For Damper Blades Outside Air Stream, Add	*13.00*	
23 33 13 16-0064	EA	32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	130.15	27.63
		For Horizontal, Add	*7.06*	
		For Dynamic Damper, Add	*10.59*	
		For 3 Hour Rated, Add	*9.41*	
		For Damper Blades Outside Air Stream, Add	*14.12*	
23 33 13 16-0065	EA	32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.82	31.15
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0066	EA	32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.90	34.58
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0067	EA	32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.96	38.01
		For Horizontal, Add	*8.96*	
		For Dynamic Damper, Add	*13.44*	
		For 3 Hour Rated, Add	*11.95*	
		For Damper Blades Outside Air Stream, Add	*17.92*	
23 33 13 16-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	186.19	39.77
		For Horizontal, Add	*10.02*	
		For Dynamic Damper, Add	*15.02*	
		For 3 Hour Rated, Add	*13.35*	
		For Damper Blades Outside Air Stream, Add	*20.03*	
23 33 13 16-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.69	42.57
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.33	44.97
		For Horizontal, Add	*12.65*	
		For Dynamic Damper, Add	*18.98*	
		For 3 Hour Rated, Add	*16.87*	
		For Damper Blades Outside Air Stream, Add	*25.30*	
23 33 13 16-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.67	22.43
		For Horizontal, Add	*6.33*	
		For Dynamic Damper, Add	*9.49*	
		For 3 Hour Rated, Add	*8.43*	
		For Damper Blades Outside Air Stream, Add	*12.65*	
23 33 13 16-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	117.20	24.20
		For Horizontal, Add	*6.68*	
		For Dynamic Damper, Add	*10.01*	
		For 3 Hour Rated, Add	*8.90*	
		For Damper Blades Outside Air Stream, Add	*13.35*	
23 33 13 16-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.73	25.96
		For Horizontal, Add	*7.03*	
		For Dynamic Damper, Add	*10.54*	
		For 3 Hour Rated, Add	*9.37*	
		For Damper Blades Outside Air Stream, Add	*14.06*	
23 33 13 16-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.45	27.63
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.58	31.15
		For Horizontal, Add	*7.82*	
		For Dynamic Damper, Add	*11.73*	
		For 3 Hour Rated, Add	*10.43*	
		For Damper Blades Outside Air Stream, Add	*15.64*	
23 33 13 16-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.54	32.81
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.96	38.01
		For Horizontal, Add	*8.96*	
		For Dynamic Damper, Add	*13.44*	
		For 3 Hour Rated, Add	*11.95*	
		For Damper Blades Outside Air Stream, Add	*17.92*	
23 33 13 16-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.20	41.54
		For Horizontal, Add	*9.84*	
		For Dynamic Damper, Add	*14.76*	
		For 3 Hour Rated, Add	*13.12*	
		For Damper Blades Outside Air Stream, Add	*19.68*	
23 33 13 16-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.26	42.89
		For Horizontal, Add	*6.23*	
		For Dynamic Damper, Add	*9.34*	
		For 3 Hour Rated, Add	*8.30*	
		For Damper Blades Outside Air Stream, Add	*12.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.10	46.00
		For Horizontal, Add	*12.30*	
		For Dynamic Damper, Add	*18.45*	
		For 3 Hour Rated, Add	*16.40*	
		For Damper Blades Outside Air Stream, Add	*24.60*	
23 33 13 16-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	235.57	48.40
		For Horizontal, Add	*13.53*	
		For Dynamic Damper, Add	*20.29*	
		For 3 Hour Rated, Add	*18.04*	
		For Damper Blades Outside Air Stream, Add	*27.06*	
23 33 13 16-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.14	50.15
		For Horizontal, Add	*14.93*	
		For Dynamic Damper, Add	*22.40*	
		For 3 Hour Rated, Add	*19.91*	
		For Damper Blades Outside Air Stream, Add	*29.87*	
23 33 13 16-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	116.02	25.96
		For Horizontal, Add	*6.50*	
		For Dynamic Damper, Add	*9.75*	
		For 3 Hour Rated, Add	*8.67*	
		For Damper Blades Outside Air Stream, Add	*13.00*	
23 33 13 16-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.90	27.63
		For Horizontal, Add	*7.20*	
		For Dynamic Damper, Add	*10.80*	
		For 3 Hour Rated, Add	*9.60*	
		For Damper Blades Outside Air Stream, Add	*14.41*	
23 33 13 16-0085	EA	40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.27	29.39
		For Horizontal, Add	*7.38*	
		For Dynamic Damper, Add	*11.07*	
		For 3 Hour Rated, Add	*9.84*	
		For Damper Blades Outside Air Stream, Add	*14.76*	
23 33 13 16-0086	EA	40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.64	31.15
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	
23 33 13 16-0087	EA	40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.12	32.81
		For Horizontal, Add	*8.17*	
		For Dynamic Damper, Add	*12.26*	
		For 3 Hour Rated, Add	*10.89*	
		For Damper Blades Outside Air Stream, Add	*16.34*	
23 33 13 16-0088	EA	40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.41	34.58
		For Horizontal, Add	*8.79*	
		For Dynamic Damper, Add	*13.18*	
		For 3 Hour Rated, Add	*11.71*	
		For Damper Blades Outside Air Stream, Add	*17.57*	
23 33 13 16-0089	EA	40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.67	39.77
		For Horizontal, Add	*9.49*	
		For Dynamic Damper, Add	*14.23*	
		For 3 Hour Rated, Add	*12.65*	
		For Damper Blades Outside Air Stream, Add	*18.98*	
23 33 13 16-0090	EA	40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.75	43.20
		For Horizontal, Add	*10.19*	
		For Dynamic Damper, Add	*15.29*	
		For 3 Hour Rated, Add	*13.59*	
		For Damper Blades Outside Air Stream, Add	*20.38*	
23 33 13 16-0091	EA	40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	213.08	46.00
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0092	EA	40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	233.23	48.40
		For Horizontal, Add	*13.18*	
		For Dynamic Damper, Add	*19.77*	
		For 3 Hour Rated, Add	*17.57*	
		For Damper Blades Outside Air Stream, Add	*26.36*	
23 33 13 16-0093	EA	40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	248.56	51.19
		For Horizontal, Add	*14.23*	
		For Dynamic Damper, Add	*21.35*	
		For 3 Hour Rated, Add	*18.97*	
		For Damper Blades Outside Air Stream, Add	*28.46*	
23 33 13 16-0094	EA	40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.60	52.55
		For Horizontal, Add	*16.16*	
		For Dynamic Damper, Add	*24.25*	
		For 3 Hour Rated, Add	*21.55*	
		For Damper Blades Outside Air Stream, Add	*32.33*	
23 33 13 16-0095	EA	40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.63	55.35
		For Horizontal, Add	*17.92*	
		For Dynamic Damper, Add	*26.88*	
		For 3 Hour Rated, Add	*23.90*	
		For Damper Blades Outside Air Stream, Add	*35.84*	
23 33 13 16-0096	EA	44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.56	25.96
		For Horizontal, Add	*6.85*	
		For Dynamic Damper, Add	*10.28*	
		For 3 Hour Rated, Add	*9.14*	
		For Damper Blades Outside Air Stream, Add	*13.70*	
23 33 13 16-0097	EA	44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.45	27.63
		For Horizontal, Add	*7.56*	
		For Dynamic Damper, Add	*11.33*	
		For 3 Hour Rated, Add	*10.07*	
		For Damper Blades Outside Air Stream, Add	*15.11*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0098	EA	44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.16	29.39
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0099	EA	44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.51	31.15
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0100	EA	44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.39	32.81
		For Horizontal, Add	*8.96*	
		For Dynamic Damper, Add	*13.44*	
		For 3 Hour Rated, Add	*11.95*	
		For Damper Blades Outside Air Stream, Add	*17.92*	
23 33 13 16-0101	EA	44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.27	34.58
		For Horizontal, Add	*9.66*	
		For Dynamic Damper, Add	*14.50*	
		For 3 Hour Rated, Add	*12.89*	
		For Damper Blades Outside Air Stream, Add	*19.33*	
23 33 13 16-0102	EA	44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.90	41.54
		For Horizontal, Add	*10.54*	
		For Dynamic Damper, Add	*15.82*	
		For 3 Hour Rated, Add	*14.06*	
		For Damper Blades Outside Air Stream, Add	*21.09*	
23 33 13 16-0103	EA	44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.12	44.97
		For Horizontal, Add	*11.42*	
		For Dynamic Damper, Add	*17.13*	
		For 3 Hour Rated, Add	*15.23*	
		For Damper Blades Outside Air Stream, Add	*22.84*	
23 33 13 16-0104	EA	44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	233.23	48.40
		For Horizontal, Add	*13.18*	
		For Dynamic Damper, Add	*19.77*	
		For 3 Hour Rated, Add	*17.57*	
		For Damper Blades Outside Air Stream, Add	*26.36*	
23 33 13 16-0105	EA	44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	254.15	51.92
		For Horizontal, Add	*14.76*	
		For Dynamic Damper, Add	*22.14*	
		For 3 Hour Rated, Add	*19.68*	
		For Damper Blades Outside Air Stream, Add	*29.52*	
23 33 13 16-0106	EA	44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.25	55.35
		For Horizontal, Add	*16.52*	
		For Dynamic Damper, Add	*24.77*	
		For 3 Hour Rated, Add	*22.02*	
		For Damper Blades Outside Air Stream, Add	*33.03*	
23 33 13 16-0107	EA	44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	291.98	57.01
		For Horizontal, Add	*18.10*	
		For Dynamic Damper, Add	*27.14*	
		For 3 Hour Rated, Add	*24.13*	
		For Damper Blades Outside Air Stream, Add	*36.19*	
23 33 13 16-0108	EA	44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	307.71	58.77
		For Horizontal, Add	*19.68*	
		For Dynamic Damper, Add	*29.52*	
		For 3 Hour Rated, Add	*26.24*	
		For Damper Blades Outside Air Stream, Add	*39.35*	
23 33 13 16-0109	EA	44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.46	60.54
		For Horizontal, Add	*21.26*	
		For Dynamic Damper, Add	*31.89*	
		For 3 Hour Rated, Add	*28.35*	
		For Damper Blades Outside Air Stream, Add	*42.52*	
23 33 13 16-0110	EA	48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.27	27.63
		For Horizontal, Add	*7.38*	
		For Dynamic Damper, Add	*11.07*	
		For 3 Hour Rated, Add	*9.84*	
		For Damper Blades Outside Air Stream, Add	*14.76*	
23 33 13 16-0111	EA	48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.16	29.39
		For Horizontal, Add	*8.08*	
		For Dynamic Damper, Add	*12.13*	
		For 3 Hour Rated, Add	*10.78*	
		For Damper Blades Outside Air Stream, Add	*16.17*	
23 33 13 16-0112	EA	48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.51	31.15
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0113	EA	48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.41	34.58
		For Horizontal, Add	*8.79*	
		For Dynamic Damper, Add	*13.18*	
		For 3 Hour Rated, Add	*11.71*	
		For Damper Blades Outside Air Stream, Add	*17.57*	
23 33 13 16-0114	EA	48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.47	38.01
		For Horizontal, Add	*9.49*	
		For Dynamic Damper, Add	*14.23*	
		For 3 Hour Rated, Add	*12.65*	
		For Damper Blades Outside Air Stream, Add	*18.98*	
23 33 13 16-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.55	41.54
		For Horizontal, Add	*10.19*	
		For Dynamic Damper, Add	*15.29*	
		For 3 Hour Rated, Add	*13.59*	
		For Damper Blades Outside Air Stream, Add	*20.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.96	44.97
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.37	48.40
		For Horizontal, Add	*12.30*	
		For Dynamic Damper, Add	*18.45*	
		For 3 Hour Rated, Add	*16.40*	
		For Damper Blades Outside Air Stream, Add	*24.60*	
23 33 13 16-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	248.29	51.92
		For Horizontal, Add	*13.88*	
		For Dynamic Damper, Add	*20.82*	
		For 3 Hour Rated, Add	*18.51*	
		For Damper Blades Outside Air Stream, Add	*27.76*	
23 33 13 16-0119	EA	48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.56	55.35
		For Horizontal, Add	*15.81*	
		For Dynamic Damper, Add	*23.72*	
		For 3 Hour Rated, Add	*21.08*	
		For Damper Blades Outside Air Stream, Add	*31.62*	
23 33 13 16-0120	EA	48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.31	57.01
		For Horizontal, Add	*17.40*	
		For Dynamic Damper, Add	*26.09*	
		For 3 Hour Rated, Add	*23.19*	
		For Damper Blades Outside Air Stream, Add	*34.79*	
23 33 13 16-0121	EA	48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.54	58.77
		For Horizontal, Add	*19.50*	
		For Dynamic Damper, Add	*29.25*	
		For 3 Hour Rated, Add	*26.00*	
		For Damper Blades Outside Air Stream, Add	*39.00*	
23 33 13 16-0122	EA	48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.48	62.20
		For Horizontal, Add	*21.08*	
		For Dynamic Damper, Add	*31.63*	
		For 3 Hour Rated, Add	*28.11*	
		For Damper Blades Outside Air Stream, Add	*42.17*	
23 33 13 16-0123	EA	48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	346.72	63.97
		For Horizontal, Add	*23.19*	
		For Dynamic Damper, Add	*34.79*	
		For 3 Hour Rated, Add	*30.92*	
		For Damper Blades Outside Air Stream, Add	*46.39*	
23 33 13 16-0124	EA	48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.67	69.16
		For Horizontal, Add	*24.60*	
		For Dynamic Damper, Add	*36.90*	
		For 3 Hour Rated, Add	*32.80*	
		For Damper Blades Outside Air Stream, Add	*49.19*	
23 33 13 16-0125	EA	52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	140.98	29.39
		For Horizontal, Add	*7.91*	
		For Dynamic Damper, Add	*11.86*	
		For 3 Hour Rated, Add	*10.54*	
		For Damper Blades Outside Air Stream, Add	*15.81*	
23 33 13 16-0126	EA	52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.85	31.15
		For Horizontal, Add	*8.61*	
		For Dynamic Damper, Add	*12.92*	
		For 3 Hour Rated, Add	*11.48*	
		For Damper Blades Outside Air Stream, Add	*17.22*	
23 33 13 16-0127	EA	52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.92	34.58
		For Horizontal, Add	*9.31*	
		For Dynamic Damper, Add	*13.97*	
		For 3 Hour Rated, Add	*12.42*	
		For Damper Blades Outside Air Stream, Add	*18.62*	
23 33 13 16-0128	EA	52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.47	38.01
		For Horizontal, Add	*9.49*	
		For Dynamic Damper, Add	*14.23*	
		For 3 Hour Rated, Add	*12.65*	
		For Damper Blades Outside Air Stream, Add	*18.98*	
23 33 13 16-0129	EA	52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.14	41.54
		For Horizontal, Add	*10.28*	
		For Dynamic Damper, Add	*15.42*	
		For 3 Hour Rated, Add	*13.71*	
		For Damper Blades Outside Air Stream, Add	*20.56*	
23 33 13 16-0130	EA	52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.79	44.97
		For Horizontal, Add	*11.07*	
		For Dynamic Damper, Add	*16.61*	
		For 3 Hour Rated, Add	*14.76*	
		For Damper Blades Outside Air Stream, Add	*22.14*	
23 33 13 16-0131	EA	52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.21	48.40
		For Horizontal, Add	*12.12*	
		For Dynamic Damper, Add	*18.19*	
		For 3 Hour Rated, Add	*16.17*	
		For Damper Blades Outside Air Stream, Add	*24.25*	
23 33 13 16-0132	EA	52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	243.61	51.92
		For Horizontal, Add	*13.18*	
		For Dynamic Damper, Add	*19.77*	
		For 3 Hour Rated, Add	*17.57*	
		For Damper Blades Outside Air Stream, Add	*26.36*	
23 33 13 16-0133	EA	52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.54	55.35
		For Horizontal, Add	*14.76*	
		For Dynamic Damper, Add	*22.14*	
		For 3 Hour Rated, Add	*19.68*	
		For Damper Blades Outside Air Stream, Add	*29.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0134	EA	52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.98	58.77
		For Horizontal, Add	*16.87*	
		For Dynamic Damper, Add	*25.30*	
		For 3 Hour Rated, Add	*22.49*	
		For Damper Blades Outside Air Stream, Add	*33.74*	
23 33 13 16-0135	EA	52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.87	60.54
		For Horizontal, Add	*18.62*	
		For Dynamic Damper, Add	*27.93*	
		For 3 Hour Rated, Add	*24.83*	
		For Damper Blades Outside Air Stream, Add	*37.25*	
23 33 13 16-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	326.31	62.20
		For Horizontal, Add	*20.91*	
		For Dynamic Damper, Add	*31.36*	
		For 3 Hour Rated, Add	*27.88*	
		For Damper Blades Outside Air Stream, Add	*41.82*	
23 33 13 16-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.73	65.74
		For Horizontal, Add	*23.01*	
		For Dynamic Damper, Add	*34.52*	
		For 3 Hour Rated, Add	*30.69*	
		For Damper Blades Outside Air Stream, Add	*46.03*	
23 33 13 16-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.67	69.16
		For Horizontal, Add	*24.60*	
		For Dynamic Damper, Add	*36.90*	
		For 3 Hour Rated, Add	*32.80*	
		For Damper Blades Outside Air Stream, Add	*49.19*	
23 33 13 16-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	401.30	74.35
		For Horizontal, Add	*26.71*	
		For Dynamic Damper, Add	*40.06*	
		For 3 Hour Rated, Add	*35.61*	
		For Damper Blades Outside Air Stream, Add	*53.41*	
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	423.39	77.78
		For Horizontal, Add	*28.46*	
		For Dynamic Damper, Add	*42.69*	
		For 3 Hour Rated, Add	*37.95*	
		For Damper Blades Outside Air Stream, Add	*56.93*	
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.51	31.15
		For Horizontal, Add	*8.26*	
		For Dynamic Damper, Add	*12.39*	
		For 3 Hour Rated, Add	*11.01*	
		For Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.75	34.58
		For Horizontal, Add	*9.14*	
		For Dynamic Damper, Add	*13.70*	
		For 3 Hour Rated, Add	*12.18*	
		For Damper Blades Outside Air Stream, Add	*18.27*	
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.65	38.01
		For Horizontal, Add	*9.66*	
		For Dynamic Damper, Add	*14.50*	
		For 3 Hour Rated, Add	*12.89*	
		For Damper Blades Outside Air Stream, Add	*19.33*	
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.20	41.54
		For Horizontal, Add	*9.84*	
		For Dynamic Damper, Add	*14.76*	
		For 3 Hour Rated, Add	*13.12*	
		For Damper Blades Outside Air Stream, Add	*19.68*	
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	207.03	44.97
		For Horizontal, Add	*10.81*	
		For Dynamic Damper, Add	*16.21*	
		For 3 Hour Rated, Add	*14.41*	
		For Damper Blades Outside Air Stream, Add	*21.61*	
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	223.86	48.40
		For Horizontal, Add	*11.77*	
		For Dynamic Damper, Add	*17.66*	
		For 3 Hour Rated, Add	*15.70*	
		For Damper Blades Outside Air Stream, Add	*23.54*	
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.68	51.92
		For Horizontal, Add	*12.74*	
		For Dynamic Damper, Add	*19.11*	
		For 3 Hour Rated, Add	*16.98*	
		For Damper Blades Outside Air Stream, Add	*25.48*	
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	257.51	55.35
		For Horizontal, Add	*13.70*	
		For Dynamic Damper, Add	*20.56*	
		For 3 Hour Rated, Add	*18.27*	
		For Damper Blades Outside Air Stream, Add	*27.41*	
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.94	58.77
		For Horizontal, Add	*15.81*	
		For Dynamic Damper, Add	*23.72*	
		For 3 Hour Rated, Add	*21.08*	
		For Damper Blades Outside Air Stream, Add	*31.62*	
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.20	60.54
		For Horizontal, Add	*17.92*	
		For Dynamic Damper, Add	*26.88*	
		For 3 Hour Rated, Add	*23.90*	
		For Damper Blades Outside Air Stream, Add	*35.84*	
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	319.28	62.20
		For Horizontal, Add	*19.85*	
		For Dynamic Damper, Add	*29.78*	
		For 3 Hour Rated, Add	*26.47*	
		For Damper Blades Outside Air Stream, Add	*39.71*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	346.06	65.74
		For Horizontal, Add	*22.31*	
		For Dynamic Damper, Add	*33.47*	
		For 3 Hour Rated, Add	*29.75*	
		For Damper Blades Outside Air Stream, Add	*44.63*	
23 33 13 16-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.50	69.16
		For Horizontal, Add	*24.42*	
		For Dynamic Damper, Add	*36.63*	
		For 3 Hour Rated, Add	*32.56*	
		For Damper Blades Outside Air Stream, Add	*48.84*	
23 33 13 16-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.11	72.58
		For Horizontal, Add	*26.71*	
		For Dynamic Damper, Add	*40.06*	
		For 3 Hour Rated, Add	*35.61*	
		For Damper Blades Outside Air Stream, Add	*53.41*	
23 33 13 16-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.21	76.11
		For Horizontal, Add	*28.46*	
		For Dynamic Damper, Add	*42.69*	
		For 3 Hour Rated, Add	*37.95*	
		For Damper Blades Outside Air Stream, Add	*56.93*	
23 33 13 16-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.82	79.54
		For Horizontal, Add	*30.75*	
		For Dynamic Damper, Add	*46.12*	
		For 3 Hour Rated, Add	*41.00*	
		For Damper Blades Outside Air Stream, Add	*61.49*	
23 33 13 16-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	469.44	82.97
		For Horizontal, Add	*33.03*	
		For Dynamic Damper, Add	*49.55*	
		For 3 Hour Rated, Add	*44.04*	
		For Damper Blades Outside Air Stream, Add	*66.06*	
23 33 13 16-0158	EA	60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.41	34.58
		For Horizontal, Add	*8.79*	
		For Dynamic Damper, Add	*13.18*	
		For 3 Hour Rated, Add	*11.71*	
		For Damper Blades Outside Air Stream, Add	*17.57*	
23 33 13 16-0159	EA	60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.65	38.01
		For Horizontal, Add	*9.66*	
		For Dynamic Damper, Add	*14.50*	
		For 3 Hour Rated, Add	*12.89*	
		For Damper Blades Outside Air Stream, Add	*19.33*	
23 33 13 16-0160	EA	60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	191.38	41.54
		For Horizontal, Add	*10.02*	
		For Dynamic Damper, Add	*15.02*	
		For 3 Hour Rated, Add	*13.35*	
		For Damper Blades Outside Air Stream, Add	*20.03*	
23 33 13 16-0161	EA	60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.93	44.97
		For Horizontal, Add	*10.19*	
		For Dynamic Damper, Add	*15.29*	
		For 3 Hour Rated, Add	*13.59*	
		For Damper Blades Outside Air Stream, Add	*20.38*	
23 33 13 16-0162	EA	60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.35	48.40
		For Horizontal, Add	*11.25*	
		For Dynamic Damper, Add	*16.87*	
		For 3 Hour Rated, Add	*14.99*	
		For Damper Blades Outside Air Stream, Add	*22.49*	
23 33 13 16-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.75	51.92
		For Horizontal, Add	*12.30*	
		For Dynamic Damper, Add	*18.45*	
		For 3 Hour Rated, Add	*16.40*	
		For Damper Blades Outside Air Stream, Add	*24.60*	
23 33 13 16-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.76	55.35
		For Horizontal, Add	*13.44*	
		For Dynamic Damper, Add	*20.16*	
		For 3 Hour Rated, Add	*17.92*	
		For Damper Blades Outside Air Stream, Add	*26.88*	
23 33 13 16-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.75	58.77
		For Horizontal, Add	*14.58*	
		For Dynamic Damper, Add	*21.87*	
		For 3 Hour Rated, Add	*19.44*	
		For Damper Blades Outside Air Stream, Add	*29.17*	
23 33 13 16-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	294.17	60.54
		For Horizontal, Add	*16.87*	
		For Dynamic Damper, Add	*25.30*	
		For 3 Hour Rated, Add	*22.49*	
		For Damper Blades Outside Air Stream, Add	*33.74*	
23 33 13 16-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.42	62.20
		For Horizontal, Add	*18.98*	
		For Dynamic Damper, Add	*28.46*	
		For 3 Hour Rated, Add	*25.30*	
		For Damper Blades Outside Air Stream, Add	*37.95*	
23 33 13 16-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.04	65.74
		For Horizontal, Add	*21.26*	
		For Dynamic Damper, Add	*31.89*	
		For 3 Hour Rated, Add	*28.35*	
		For Damper Blades Outside Air Stream, Add	*42.52*	
23 33 13 16-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.65	69.16
		For Horizontal, Add	*23.54*	
		For Dynamic Damper, Add	*35.32*	
		For 3 Hour Rated, Add	*31.39*	
		For Damper Blades Outside Air Stream, Add	*47.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.74	72.58
		For Horizontal, Add	*25.30*	
		For Dynamic Damper, Add	*37.95*	
		For 3 Hour Rated, Add	*33.73*	
		For Damper Blades Outside Air Stream, Add	*50.60*	
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.87	76.11
		For Horizontal, Add	*28.11*	
		For Dynamic Damper, Add	*42.17*	
		For 3 Hour Rated, Add	*37.48*	
		For Damper Blades Outside Air Stream, Add	*56.22*	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	442.65	79.54
		For Horizontal, Add	*30.57*	
		For Dynamic Damper, Add	*45.86*	
		For 3 Hour Rated, Add	*40.76*	
		For Damper Blades Outside Air Stream, Add	*61.14*	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	469.44	82.97
		For Horizontal, Add	*33.03*	
		For Dynamic Damper, Add	*49.55*	
		For 3 Hour Rated, Add	*44.04*	
		For Damper Blades Outside Air Stream, Add	*66.06*	
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	493.85	86.50
		For Horizontal, Add	*35.14*	
		For Dynamic Damper, Add	*52.71*	
		For 3 Hour Rated, Add	*46.85*	
		For Damper Blades Outside Air Stream, Add	*70.28*	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	518.31	89.92
		For Horizontal, Add	*37.25*	
		For Dynamic Damper, Add	*55.87*	
		For 3 Hour Rated, Add	*49.66*	
		For Damper Blades Outside Air Stream, Add	*74.50*	

23 33 13 16-0176 Parallel Blade Louver Fire Damper *(23 33 13 16)*

Note: UL listed. Galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.

23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	68.52	11.53
		For Horizontal, Add	*5.09*	
		For Dynamic Damper, Add	*7.64*	
		For 3 Hour Rated, Add	*6.79*	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	71.53	12.04
		For Horizontal, Add	*5.31*	
		For Dynamic Damper, Add	*7.96*	
		For 3 Hour Rated, Add	*7.08*	
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	73.20	12.15
		For Horizontal, Add	*5.53*	
		For Dynamic Damper, Add	*8.29*	
		For 3 Hour Rated, Add	*7.37*	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	73.20	12.15
		For Horizontal, Add	*5.53*	
		For Dynamic Damper, Add	*8.29*	
		For 3 Hour Rated, Add	*7.37*	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	75.72	12.47
		For Horizontal, Add	*5.75*	
		For Dynamic Damper, Add	*8.62*	
		For 3 Hour Rated, Add	*7.67*	
23 33 13 16-0182	EA	10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	82.79	13.81
		For Horizontal, Add	*6.19*	
		For Dynamic Damper, Add	*9.28*	
		For 3 Hour Rated, Add	*8.25*	
23 33 13 16-0183	EA	12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	75.72	12.47
		For Horizontal, Add	*5.75*	
		For Dynamic Damper, Add	*8.62*	
		For 3 Hour Rated, Add	*7.67*	
23 33 13 16-0184	EA	12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.71	13.19
		For Horizontal, Add	*6.19*	
		For Dynamic Damper, Add	*9.28*	
		For 3 Hour Rated, Add	*8.25*	
23 33 13 16-0185	EA	12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.26	13.81
		For Horizontal, Add	*6.41*	
		For Dynamic Damper, Add	*9.61*	
		For 3 Hour Rated, Add	*8.54*	
23 33 13 16-0186	EA	12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	90.91	15.57
		For Horizontal, Add	*6.63*	
		For Dynamic Damper, Add	*9.94*	
		For 3 Hour Rated, Add	*8.84*	
23 33 13 16-0187	EA	14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	79.98	13.19
		For Horizontal, Add	*6.08*	
		For Dynamic Damper, Add	*9.12*	
		For 3 Hour Rated, Add	*8.10*	
23 33 13 16-0188	EA	14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.26	13.81
		For Horizontal, Add	*6.41*	
		For Dynamic Damper, Add	*9.61*	
		For 3 Hour Rated, Add	*8.54*	
23 33 13 16-0189	EA	14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	87.79	14.54
		For Horizontal, Add	*6.63*	
		For Dynamic Damper, Add	*9.94*	
		For 3 Hour Rated, Add	*8.84*	
23 33 13 16-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	92.37	15.57
		For Horizontal, Add	*6.85*	
		For Dynamic Damper, Add	*10.27*	
		For 3 Hour Rated, Add	*9.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0191	EA	14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.23	17.34
		For Horizontal, Add	*7.40*	
		For Dynamic Damper, Add	*11.09*	
		For 3 Hour Rated, Add	*9.86*	
23 33 13 16-0192	EA	16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.20	13.81
		For Horizontal, Add	*8.95*	
		For Dynamic Damper, Add	*13.42*	
		For 3 Hour Rated, Add	*11.93*	
23 33 13 16-0193	EA	16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.96	14.85
		For Horizontal, Add	*9.20*	
		For Dynamic Damper, Add	*13.79*	
		For 3 Hour Rated, Add	*12.26*	
23 33 13 16-0194	EA	16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.76	16.31
		For Horizontal, Add	*9.44*	
		For Dynamic Damper, Add	*14.16*	
		For 3 Hour Rated, Add	*12.59*	
23 33 13 16-0195	EA	16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	116.50	17.34
		For Horizontal, Add	*9.69*	
		For Dynamic Damper, Add	*14.53*	
		For 3 Hour Rated, Add	*12.92*	
23 33 13 16-0196	EA	16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.80	19.00
		For Horizontal, Add	*10.30*	
		For Dynamic Damper, Add	*15.46*	
		For 3 Hour Rated, Add	*13.74*	
23 33 13 16-0197	EA	16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.10	20.77
		For Horizontal, Add	*10.92*	
		For Dynamic Damper, Add	*16.38*	
		For 3 Hour Rated, Add	*14.56*	
23 33 13 16-0198	EA	18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	104.91	14.54
		For Horizontal, Add	*9.20*	
		For Dynamic Damper, Add	*13.79*	
		For 3 Hour Rated, Add	*12.26*	
23 33 13 16-0199	EA	18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.49	15.57
		For Horizontal, Add	*9.56*	
		For Dynamic Damper, Add	*14.35*	
		For 3 Hour Rated, Add	*12.75*	
23 33 13 16-0200	EA	18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.16	17.34
		For Horizontal, Add	*9.94*	
		For Dynamic Damper, Add	*14.90*	
		For 3 Hour Rated, Add	*13.25*	
23 33 13 16-0201	EA	18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.44	19.00
		For Horizontal, Add	*10.55*	
		For Dynamic Damper, Add	*15.82*	
		For 3 Hour Rated, Add	*14.07*	
23 33 13 16-0202	EA	18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.92	20.77
		For Horizontal, Add	*11.04*	
		For Dynamic Damper, Add	*16.56*	
		For 3 Hour Rated, Add	*14.72*	
23 33 13 16-0203	EA	18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.21	22.43
		For Horizontal, Add	*11.66*	
		For Dynamic Damper, Add	*17.48*	
		For 3 Hour Rated, Add	*15.54*	
23 33 13 16-0204	EA	18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.86	24.20
		For Horizontal, Add	*12.03*	
		For Dynamic Damper, Add	*18.04*	
		For 3 Hour Rated, Add	*16.03*	
23 33 13 16-0205	EA	20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.68	15.57
		For Horizontal, Add	*9.44*	
		For Dynamic Damper, Add	*14.16*	
		For 3 Hour Rated, Add	*12.59*	
23 33 13 16-0206	EA	20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.14	17.34
		For Horizontal, Add	*9.93*	
		For Dynamic Damper, Add	*14.90*	
		For 3 Hour Rated, Add	*13.24*	
23 33 13 16-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	126.62	19.00
		For Horizontal, Add	*10.43*	
		For Dynamic Damper, Add	*15.64*	
		For 3 Hour Rated, Add	*13.90*	
23 33 13 16-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.39	20.77
		For Horizontal, Add	*11.41*	
		For Dynamic Damper, Add	*17.12*	
		For 3 Hour Rated, Add	*15.22*	
23 33 13 16-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.04	22.43
		For Horizontal, Add	*11.78*	
		For Dynamic Damper, Add	*17.67*	
		For 3 Hour Rated, Add	*15.71*	
23 33 13 16-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.68	24.20
		For Horizontal, Add	*12.15*	
		For Dynamic Damper, Add	*18.22*	
		For 3 Hour Rated, Add	*16.20*	
23 33 13 16-0211	EA	20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.15	25.96
		For Horizontal, Add	*12.64*	
		For Dynamic Damper, Add	*18.96*	
		For 3 Hour Rated, Add	*16.85*	
23 33 13 16-0212	EA	20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.62	27.63
		For Horizontal, Add	*13.13*	
		For Dynamic Damper, Add	*19.70*	
		For 3 Hour Rated, Add	*17.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0213	EA	24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.22	17.34
		For Horizontal, Add	*12.20*	
		For Dynamic Damper, Add	*18.29*	
		For 3 Hour Rated, Add	*16.26*	
23 33 13 16-0214	EA	24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.34	19.00
		For Horizontal, Add	*12.93*	
		For Dynamic Damper, Add	*19.40*	
		For 3 Hour Rated, Add	*17.25*	
23 33 13 16-0215	EA	24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.83	20.77
		For Horizontal, Add	*13.43*	
		For Dynamic Damper, Add	*20.14*	
		For 3 Hour Rated, Add	*17.90*	
23 33 13 16-0216	EA	24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.92	22.43
		For Horizontal, Add	*14.16*	
		For Dynamic Damper, Add	*21.24*	
		For 3 Hour Rated, Add	*18.88*	
23 33 13 16-0217	EA	24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.58	24.20
		For Horizontal, Add	*14.53*	
		For Dynamic Damper, Add	*21.80*	
		For 3 Hour Rated, Add	*19.38*	
23 33 13 16-0218	EA	24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.22	25.96
		For Horizontal, Add	*14.90*	
		For Dynamic Damper, Add	*22.35*	
		For 3 Hour Rated, Add	*19.87*	
23 33 13 16-0219	EA	24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	187.34	27.63
		For Horizontal, Add	*15.64*	
		For Dynamic Damper, Add	*23.46*	
		For 3 Hour Rated, Add	*20.85*	
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.63	31.15
		For Horizontal, Add	*16.38*	
		For Dynamic Damper, Add	*24.57*	
		For 3 Hour Rated, Add	*21.84*	
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.58	34.58
		For Horizontal, Add	*17.36*	
		For Dynamic Damper, Add	*26.04*	
		For 3 Hour Rated, Add	*23.15*	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.34	19.00
		For Horizontal, Add	*12.93*	
		For Dynamic Damper, Add	*19.40*	
		For 3 Hour Rated, Add	*17.25*	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.83	20.77
		For Horizontal, Add	*13.43*	
		For Dynamic Damper, Add	*20.14*	
		For 3 Hour Rated, Add	*17.90*	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.92	22.43
		For Horizontal, Add	*14.16*	
		For Dynamic Damper, Add	*21.24*	
		For 3 Hour Rated, Add	*18.88*	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.39	24.20
		For Horizontal, Add	*14.66*	
		For Dynamic Damper, Add	*21.98*	
		For 3 Hour Rated, Add	*19.54*	
23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	179.69	25.96
		For Horizontal, Add	*15.27*	
		For Dynamic Damper, Add	*22.91*	
		For 3 Hour Rated, Add	*20.36*	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	188.97	27.63
		For Horizontal, Add	*15.88*	
		For Dynamic Damper, Add	*23.83*	
		For 3 Hour Rated, Add	*21.18*	
23 33 13 16-0228	EA	28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.27	31.15
		For Horizontal, Add	*16.62*	
		For Dynamic Damper, Add	*24.93*	
		For 3 Hour Rated, Add	*22.16*	
23 33 13 16-0229	EA	28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.58	34.58
		For Horizontal, Add	*17.36*	
		For Dynamic Damper, Add	*26.04*	
		For 3 Hour Rated, Add	*23.15*	
23 33 13 16-0230	EA	28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	234.62	36.34
		For Horizontal, Add	*18.84*	
		For Dynamic Damper, Add	*28.26*	
		For 3 Hour Rated, Add	*25.12*	
23 33 13 16-0231	EA	28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.20	39.77
		For Horizontal, Add	*20.07*	
		For Dynamic Damper, Add	*30.10*	
		For 3 Hour Rated, Add	*26.76*	
23 33 13 16-0232	EA	32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.73	20.77
		For Horizontal, Add	*14.16*	
		For Dynamic Damper, Add	*21.24*	
		For 3 Hour Rated, Add	*18.88*	
23 33 13 16-0233	EA	32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	163.55	22.43
		For Horizontal, Add	*14.41*	
		For Dynamic Damper, Add	*21.61*	
		For 3 Hour Rated, Add	*19.21*	
23 33 13 16-0234	EA	32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.39	24.20
		For Horizontal, Add	*14.66*	
		For Dynamic Damper, Add	*21.98*	
		For 3 Hour Rated, Add	*19.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0235	EA	32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.85	25.96
		For Horizontal, Add	*15.15*	
		For Dynamic Damper, Add	*22.72*	
		For 3 Hour Rated, Add	*20.19*	
23 33 13 16-0236	EA	32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.28	27.63
		For Horizontal, Add	*15.93*	
		For Dynamic Damper, Add	*23.90*	
		For 3 Hour Rated, Add	*21.24*	
23 33 13 16-0237	EA	32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.27	31.15
		For Horizontal, Add	*16.62*	
		For Dynamic Damper, Add	*24.93*	
		For 3 Hour Rated, Add	*22.16*	
23 33 13 16-0238	EA	32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.23	34.58
		For Horizontal, Add	*17.61*	
		For Dynamic Damper, Add	*26.41*	
		For 3 Hour Rated, Add	*23.48*	
23 33 13 16-0239	EA	32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.17	38.01
		For Horizontal, Add	*18.59*	
		For Dynamic Damper, Add	*27.89*	
		For 3 Hour Rated, Add	*24.79*	
23 33 13 16-0240	EA	32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	253.20	39.77
		For Horizontal, Add	*20.07*	
		For Dynamic Damper, Add	*30.10*	
		For 3 Hour Rated, Add	*26.76*	
23 33 13 16-0241	EA	32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.98	42.57
		For Horizontal, Add	*21.79*	
		For Dynamic Damper, Add	*32.68*	
		For 3 Hour Rated, Add	*29.05*	
23 33 13 16-0242	EA	32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.37	44.97
		For Horizontal, Add	*23.76*	
		For Dynamic Damper, Add	*35.64*	
		For 3 Hour Rated, Add	*31.68*	
23 33 13 16-0243	EA	36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.28	22.43
		For Horizontal, Add	*16.17*	
		For Dynamic Damper, Add	*24.25*	
		For 3 Hour Rated, Add	*21.56*	
23 33 13 16-0244	EA	36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.20	24.20
		For Horizontal, Add	*16.73*	
		For Dynamic Damper, Add	*25.09*	
		For 3 Hour Rated, Add	*22.30*	
23 33 13 16-0245	EA	36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.14	25.96
		For Horizontal, Add	*17.29*	
		For Dynamic Damper, Add	*25.93*	
		For 3 Hour Rated, Add	*23.05*	
23 33 13 16-0246	EA	36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	203.97	27.63
		For Horizontal, Add	*18.13*	
		For Dynamic Damper, Add	*27.20*	
		For 3 Hour Rated, Add	*24.18*	
23 33 13 16-0247	EA	36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.16	31.15
		For Horizontal, Add	*18.56*	
		For Dynamic Damper, Add	*27.83*	
		For 3 Hour Rated, Add	*24.74*	
23 33 13 16-0248	EA	36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	225.18	32.81
		For Horizontal, Add	*18.98*	
		For Dynamic Damper, Add	*28.47*	
		For 3 Hour Rated, Add	*25.31*	
23 33 13 16-0249	EA	36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.12	38.01
		For Horizontal, Add	*20.39*	
		For Dynamic Damper, Add	*30.58*	
		For 3 Hour Rated, Add	*27.18*	
23 33 13 16-0250	EA	36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.87	41.54
		For Horizontal, Add	*21.79*	
		For Dynamic Damper, Add	*32.68*	
		For 3 Hour Rated, Add	*29.05*	
23 33 13 16-0251	EA	36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.27	42.89
		For Horizontal, Add	*23.48*	
		For Dynamic Damper, Add	*35.21*	
		For 3 Hour Rated, Add	*31.30*	
23 33 13 16-0252	EA	36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	309.60	46.00
		For Horizontal, Add	*25.72*	
		For Dynamic Damper, Add	*38.59*	
		For 3 Hour Rated, Add	*34.30*	
23 33 13 16-0253	EA	36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.98	48.40
		For Horizontal, Add	*27.69*	
		For Dynamic Damper, Add	*41.54*	
		For 3 Hour Rated, Add	*36.92*	
23 33 13 16-0254	EA	36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.18	50.15
		For Horizontal, Add	*29.94*	
		For Dynamic Damper, Add	*44.91*	
		For 3 Hour Rated, Add	*39.92*	
23 33 13 16-0255	EA	40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.77	25.96
		For Horizontal, Add	*18.46*	
		For Dynamic Damper, Add	*27.69*	
		For 3 Hour Rated, Add	*24.62*	
23 33 13 16-0256	EA	40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.46	27.63
		For Horizontal, Add	*19.59*	
		For Dynamic Damper, Add	*29.38*	
		For 3 Hour Rated, Add	*26.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0257	EA	40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	215.53	29.39
		For Horizontal, Add	*19.87*	
		For Dynamic Damper, Add	*29.80*	
		For 3 Hour Rated, Add	*26.49*	
23 33 13 16-0258	EA	40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.60	31.15
		For Horizontal, Add	*20.15*	
		For Dynamic Damper, Add	*30.22*	
		For 3 Hour Rated, Add	*26.87*	
23 33 13 16-0259	EA	40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	239.54	32.81
		For Horizontal, Add	*21.13*	
		For Dynamic Damper, Add	*31.70*	
		For 3 Hour Rated, Add	*28.18*	
23 33 13 16-0260	EA	40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.29	34.58
		For Horizontal, Add	*22.12*	
		For Dynamic Damper, Add	*33.18*	
		For 3 Hour Rated, Add	*29.49*	
23 33 13 16-0261	EA	40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.37	39.77
		For Horizontal, Add	*23.24*	
		For Dynamic Damper, Add	*34.86*	
		For 3 Hour Rated, Add	*30.99*	
23 33 13 16-0262	EA	40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.25	43.20
		For Horizontal, Add	*24.37*	
		For Dynamic Damper, Add	*36.55*	
		For 3 Hour Rated, Add	*32.49*	
23 33 13 16-0263	EA	40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.80	46.00
		For Horizontal, Add	*26.05*	
		For Dynamic Damper, Add	*39.08*	
		For 3 Hour Rated, Add	*34.74*	
23 33 13 16-0264	EA	40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.68	48.40
		For Horizontal, Add	*29.15*	
		For Dynamic Damper, Add	*43.72*	
		For 3 Hour Rated, Add	*38.86*	
23 33 13 16-0265	EA	40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.23	51.19
		For Horizontal, Add	*30.83*	
		For Dynamic Damper, Add	*46.25*	
		For 3 Hour Rated, Add	*41.11*	
23 33 13 16-0266	EA	40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.00	52.55
		For Horizontal, Add	*33.92*	
		For Dynamic Damper, Add	*50.89*	
		For 3 Hour Rated, Add	*45.23*	
23 33 13 16-0267	EA	40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	411.05	55.35
		For Horizontal, Add	*36.74*	
		For Dynamic Damper, Add	*55.10*	
		For 3 Hour Rated, Add	*48.98*	
23 33 13 16-0268	EA	44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.71	25.96
		For Horizontal, Add	*19.02*	
		For Dynamic Damper, Add	*28.54*	
		For 3 Hour Rated, Add	*25.37*	
23 33 13 16-0269	EA	44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.41	27.63
		For Horizontal, Add	*20.15*	
		For Dynamic Damper, Add	*30.22*	
		For 3 Hour Rated, Add	*26.87*	
23 33 13 16-0270	EA	44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.23	29.39
		For Horizontal, Add	*20.99*	
		For Dynamic Damper, Add	*31.49*	
		For 3 Hour Rated, Add	*27.99*	
23 33 13 16-0271	EA	44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	235.28	31.15
		For Horizontal, Add	*21.27*	
		For Dynamic Damper, Add	*31.91*	
		For 3 Hour Rated, Add	*28.37*	
23 33 13 16-0272	EA	44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.98	32.81
		For Horizontal, Add	*22.40*	
		For Dynamic Damper, Add	*33.60*	
		For 3 Hour Rated, Add	*29.87*	
23 33 13 16-0273	EA	44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.67	34.58
		For Horizontal, Add	*23.52*	
		For Dynamic Damper, Add	*35.29*	
		For 3 Hour Rated, Add	*31.37*	
23 33 13 16-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.81	41.54
		For Horizontal, Add	*24.93*	
		For Dynamic Damper, Add	*37.40*	
		For 3 Hour Rated, Add	*33.24*	
23 33 13 16-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.55	44.97
		For Horizontal, Add	*26.33*	
		For Dynamic Damper, Add	*39.50*	
		For 3 Hour Rated, Add	*35.11*	
23 33 13 16-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.68	48.40
		For Horizontal, Add	*29.15*	
		For Dynamic Damper, Add	*43.72*	
		For 3 Hour Rated, Add	*38.86*	
23 33 13 16-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.93	51.92
		For Horizontal, Add	*31.68*	
		For Dynamic Damper, Add	*47.51*	
		For 3 Hour Rated, Add	*42.23*	
23 33 13 16-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.05	55.35
		For Horizontal, Add	*34.49*	
		For Dynamic Damper, Add	*51.73*	
		For 3 Hour Rated, Add	*45.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.11	57.01
		For Horizontal, Add	*37.02*	
		For Dynamic Damper, Add	*55.52*	
		For 3 Hour Rated, Add	*49.35*	
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	440.17	58.77
		For Horizontal, Add	*39.55*	
		For Dynamic Damper, Add	*59.32*	
		For 3 Hour Rated, Add	*52.73*	
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	462.24	60.54
		For Horizontal, Add	*42.08*	
		For Dynamic Damper, Add	*63.12*	
		For 3 Hour Rated, Add	*56.10*	
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	215.53	27.63
		For Horizontal, Add	*19.87*	
		For Dynamic Damper, Add	*29.80*	
		For 3 Hour Rated, Add	*26.49*	
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.23	29.39
		For Horizontal, Add	*20.99*	
		For Dynamic Damper, Add	*31.49*	
		For 3 Hour Rated, Add	*27.99*	
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	235.28	31.15
		For Horizontal, Add	*21.27*	
		For Dynamic Damper, Add	*31.91*	
		For 3 Hour Rated, Add	*28.37*	
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.29	34.58
		For Horizontal, Add	*22.12*	
		For Dynamic Damper, Add	*33.18*	
		For 3 Hour Rated, Add	*29.49*	
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.17	38.01
		For Horizontal, Add	*23.24*	
		For Dynamic Damper, Add	*34.86*	
		For 3 Hour Rated, Add	*30.99*	
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.05	41.54
		For Horizontal, Add	*24.37*	
		For Dynamic Damper, Add	*36.55*	
		For 3 Hour Rated, Add	*32.49*	
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.68	44.97
		For Horizontal, Add	*26.05*	
		For Dynamic Damper, Add	*39.08*	
		For 3 Hour Rated, Add	*34.74*	
23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.31	48.40
		For Horizontal, Add	*27.74*	
		For Dynamic Damper, Add	*41.61*	
		For 3 Hour Rated, Add	*36.99*	
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	357.56	51.92
		For Horizontal, Add	*30.27*	
		For Dynamic Damper, Add	*45.41*	
		For 3 Hour Rated, Add	*40.36*	
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.55	55.35
		For Horizontal, Add	*33.36*	
		For Dynamic Damper, Add	*50.04*	
		For 3 Hour Rated, Add	*44.48*	
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.63	57.01
		For Horizontal, Add	*35.89*	
		For Dynamic Damper, Add	*53.84*	
		For 3 Hour Rated, Add	*47.86*	
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.29	58.77
		For Horizontal, Add	*39.26*	
		For Dynamic Damper, Add	*58.90*	
		For 3 Hour Rated, Add	*52.35*	
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	465.56	62.20
		For Horizontal, Add	*41.80*	
		For Dynamic Damper, Add	*62.69*	
		For 3 Hour Rated, Add	*55.73*	
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	493.23	63.97
		For Horizontal, Add	*45.17*	
		For Dynamic Damper, Add	*67.75*	
		For 3 Hour Rated, Add	*60.23*	
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	523.81	69.16
		For Horizontal, Add	*47.42*	
		For Dynamic Damper, Add	*71.13*	
		For 3 Hour Rated, Add	*63.22*	
23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.35	29.39
		For Horizontal, Add	*20.71*	
		For Dynamic Damper, Add	*31.07*	
		For 3 Hour Rated, Add	*27.62*	
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	239.03	31.15
		For Horizontal, Add	*21.84*	
		For Dynamic Damper, Add	*32.76*	
		For 3 Hour Rated, Add	*29.12*	
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	256.92	34.58
		For Horizontal, Add	*22.96*	
		For Dynamic Damper, Add	*34.44*	
		For 3 Hour Rated, Add	*30.62*	
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.17	38.01
		For Horizontal, Add	*23.24*	
		For Dynamic Damper, Add	*34.86*	
		For 3 Hour Rated, Add	*30.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0301	EA	52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.00	41.54
		For Horizontal, Add	*24.51*	
		For Dynamic Damper, Add	*36.76*	
		For 3 Hour Rated, Add	*32.68*	
23 33 13 16-0302	EA	52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.80	44.97
		For Horizontal, Add	*25.77*	
		For Dynamic Damper, Add	*38.66*	
		For 3 Hour Rated, Add	*34.36*	
23 33 13 16-0303	EA	52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	328.44	48.40
		For Horizontal, Add	*27.46*	
		For Dynamic Damper, Add	*41.19*	
		For 3 Hour Rated, Add	*36.61*	
23 33 13 16-0304	EA	52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.06	51.92
		For Horizontal, Add	*29.15*	
		For Dynamic Damper, Add	*43.72*	
		For 3 Hour Rated, Add	*38.86*	
23 33 13 16-0305	EA	52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	377.32	55.35
		For Horizontal, Add	*31.68*	
		For Dynamic Damper, Add	*47.51*	
		For 3 Hour Rated, Add	*42.23*	
23 33 13 16-0306	EA	52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.18	58.77
		For Horizontal, Add	*35.05*	
		For Dynamic Damper, Add	*52.57*	
		For 3 Hour Rated, Add	*46.73*	
23 33 13 16-0307	EA	52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	434.11	60.54
		For Horizontal, Add	*37.86*	
		For Dynamic Damper, Add	*56.79*	
		For 3 Hour Rated, Add	*50.48*	
23 33 13 16-0308	EA	52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	463.68	62.20
		For Horizontal, Add	*41.51*	
		For Dynamic Damper, Add	*62.27*	
		For 3 Hour Rated, Add	*55.35*	
23 33 13 16-0309	EA	52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	496.54	65.74
		For Horizontal, Add	*44.89*	
		For Dynamic Damper, Add	*67.33*	
		For 3 Hour Rated, Add	*59.85*	
23 33 13 16-0310	EA	52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	523.81	69.16
		For Horizontal, Add	*47.42*	
		For Dynamic Damper, Add	*71.13*	
		For 3 Hour Rated, Add	*63.22*	
23 33 13 16-0311	EA	52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	561.86	74.35
		For Horizontal, Add	*50.79*	
		For Dynamic Damper, Add	*76.19*	
		For 3 Hour Rated, Add	*67.72*	
23 33 13 16-0312	EA	52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	590.99	77.78
		For Horizontal, Add	*53.60*	
		For Dynamic Damper, Add	*80.40*	
		For 3 Hour Rated, Add	*71.47*	
23 33 13 16-0313	EA	56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	235.28	31.15
		For Horizontal, Add	*21.27*	
		For Dynamic Damper, Add	*31.91*	
		For 3 Hour Rated, Add	*28.37*	
23 33 13 16-0314	EA	56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.03	34.58
		For Horizontal, Add	*22.68*	
		For Dynamic Damper, Add	*34.02*	
		For 3 Hour Rated, Add	*30.24*	
23 33 13 16-0315	EA	56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.05	38.01
		For Horizontal, Add	*23.52*	
		For Dynamic Damper, Add	*35.29*	
		For 3 Hour Rated, Add	*31.37*	
23 33 13 16-0316	EA	56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.30	41.54
		For Horizontal, Add	*23.80*	
		For Dynamic Damper, Add	*35.71*	
		For 3 Hour Rated, Add	*31.74*	
23 33 13 16-0317	EA	56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	304.00	44.97
		For Horizontal, Add	*25.35*	
		For Dynamic Damper, Add	*38.03*	
		For 3 Hour Rated, Add	*33.80*	
23 33 13 16-0318	EA	56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	324.69	48.40
		For Horizontal, Add	*26.90*	
		For Dynamic Damper, Add	*40.34*	
		For 3 Hour Rated, Add	*35.86*	
23 33 13 16-0319	EA	56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	345.38	51.92
		For Horizontal, Add	*28.44*	
		For Dynamic Damper, Add	*42.66*	
		For 3 Hour Rated, Add	*37.92*	
23 33 13 16-0320	EA	56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.07	55.35
		For Horizontal, Add	*29.99*	
		For Dynamic Damper, Add	*44.98*	
		For 3 Hour Rated, Add	*39.98*	
23 33 13 16-0321	EA	56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	398.93	58.77
		For Horizontal, Add	*33.36*	
		For Dynamic Damper, Add	*50.04*	
		For 3 Hour Rated, Add	*44.48*	
23 33 13 16-0322	EA	56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	426.62	60.54
		For Horizontal, Add	*36.74*	
		For Dynamic Damper, Add	*55.10*	
		For 3 Hour Rated, Add	*48.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	452.43	62.20
		For Horizontal, Add	*39.83*	
		For Dynamic Damper, Add	*59.74*	
		For 3 Hour Rated, Add	*53.10*	
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	489.06	65.74
		For Horizontal, Add	*43.76*	
		For Dynamic Damper, Add	*65.65*	
		For 3 Hour Rated, Add	*58.35*	
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	521.93	69.16
		For Horizontal, Add	*47.14*	
		For Dynamic Damper, Add	*70.70*	
		For 3 Hour Rated, Add	*62.85*	
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	556.67	72.58
		For Horizontal, Add	*50.79*	
		For Dynamic Damper, Add	*76.19*	
		For 3 Hour Rated, Add	*67.72*	
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	585.81	76.11
		For Horizontal, Add	*53.60*	
		For Dynamic Damper, Add	*80.40*	
		For 3 Hour Rated, Add	*71.47*	
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	620.55	79.54
		For Horizontal, Add	*57.26*	
		For Dynamic Damper, Add	*85.88*	
		For 3 Hour Rated, Add	*76.34*	
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	655.30	82.97
		For Horizontal, Add	*60.91*	
		For Dynamic Damper, Add	*91.37*	
		For 3 Hour Rated, Add	*81.21*	
23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.29	34.58
		For Horizontal, Add	*22.12*	
		For Dynamic Damper, Add	*33.18*	
		For 3 Hour Rated, Add	*29.49*	
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.05	38.01
		For Horizontal, Add	*23.52*	
		For Dynamic Damper, Add	*35.29*	
		For 3 Hour Rated, Add	*31.37*	
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.17	41.54
		For Horizontal, Add	*24.08*	
		For Dynamic Damper, Add	*36.13*	
		For 3 Hour Rated, Add	*32.11*	
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.43	44.97
		For Horizontal, Add	*24.37*	
		For Dynamic Damper, Add	*36.55*	
		For 3 Hour Rated, Add	*32.49*	
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	319.07	48.40
		For Horizontal, Add	*26.05*	
		For Dynamic Damper, Add	*39.08*	
		For 3 Hour Rated, Add	*34.74*	
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	340.69	51.92
		For Horizontal, Add	*27.74*	
		For Dynamic Damper, Add	*41.61*	
		For 3 Hour Rated, Add	*36.99*	
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.26	55.35
		For Horizontal, Add	*29.57*	
		For Dynamic Damper, Add	*44.35*	
		For 3 Hour Rated, Add	*39.42*	
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	385.82	58.77
		For Horizontal, Add	*31.39*	
		For Dynamic Damper, Add	*47.09*	
		For 3 Hour Rated, Add	*41.86*	
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.37	60.54
		For Horizontal, Add	*35.05*	
		For Dynamic Damper, Add	*52.57*	
		For 3 Hour Rated, Add	*46.73*	
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	443.06	62.20
		For Horizontal, Add	*38.42*	
		For Dynamic Damper, Add	*57.63*	
		For 3 Hour Rated, Add	*51.23*	
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	477.82	65.74
		For Horizontal, Add	*42.08*	
		For Dynamic Damper, Add	*63.12*	
		For 3 Hour Rated, Add	*56.10*	
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	512.57	69.16
		For Horizontal, Add	*45.73*	
		For Dynamic Damper, Add	*68.60*	
		For 3 Hour Rated, Add	*60.98*	
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	541.69	72.58
		For Horizontal, Add	*48.54*	
		For Dynamic Damper, Add	*72.81*	
		For 3 Hour Rated, Add	*64.72*	
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	582.06	76.11
		For Horizontal, Add	*53.04*	
		For Dynamic Damper, Add	*79.56*	
		For 3 Hour Rated, Add	*70.72*	
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	618.67	79.54
		For Horizontal, Add	*56.97*	
		For Dynamic Damper, Add	*85.46*	
		For 3 Hour Rated, Add	*75.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0345	EA	60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	655.30	82.97
		For Horizontal, Add	*60.91*	
		For Dynamic Damper, Add	*91.37*	
		For 3 Hour Rated, Add	*81.21*	
23 33 13 16-0346	EA	60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	688.15	86.50
		For Horizontal, Add	*64.28*	
		For Dynamic Damper, Add	*96.42*	
		For 3 Hour Rated, Add	*85.71*	
23 33 13 16-0347	EA	60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	721.05	89.92
		For Horizontal, Add	*67.66*	
		For Dynamic Damper, Add	*101.49*	
		For 3 Hour Rated, Add	*90.21*	

23 33 13 16-0348 Round 2 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0349	EA	4" Round 2 Hour Fire Damper	60.54	20.77
23 33 13 16-0350	EA	5" Round 2 Hour Fire Damper	61.90	20.77
23 33 13 16-0351	EA	6" Round 2 Hour Fire Damper	71.65	23.57
23 33 13 16-0352	EA	7" Round 2 Hour Fire Damper	73.12	23.57
23 33 13 16-0353	EA	8" Round 2 Hour Fire Damper	84.51	25.96
23 33 13 16-0354	EA	9" Round 2 Hour Fire Damper	88.58	25.96
23 33 13 16-0355	EA	10" Round 2 Hour Fire Damper	98.43	28.87
23 33 13 16-0356	EA	12" Round 2 Hour Fire Damper	110.63	32.50
23 33 13 16-0357	EA	14" Round 2 Hour Fire Damper	126.02	37.08

23 33 13 16-0358 Round 4 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0359	EA	4" Round 4 Hour Fire Damper	68.48	23.57
23 33 13 16-0360	EA	5" Round 4 Hour Fire Damper	72.19	23.57
23 33 13 16-0361	EA	6" Round 4 Hour Fire Damper	80.67	25.96
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	85.45	25.96
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	96.02	28.87
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	98.94	28.87
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	110.72	32.50
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	124.17	37.08
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	144.87	43.30

23 33 13 19 Smoke-Control Dampers *(23 33 13)*

23 33 13 19-0001 Combination Smoke/Fire Damper *(23 33 13 19)*

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	106.56	17.29
		For 3 Hour Rated, Add	*10.94*	
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.24	18.07
		For 3 Hour Rated, Add	*11.21*	
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.90	18.23
		For 3 Hour Rated, Add	*11.48*	
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.90	18.23
		For 3 Hour Rated, Add	*11.48*	
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.80	18.69
		For 3 Hour Rated, Add	*11.74*	
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.73	20.72
		For 3 Hour Rated, Add	*12.28*	
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	114.80	18.69
		For 3 Hour Rated, Add	*11.74*	
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.61	19.78
		For 3 Hour Rated, Add	*12.28*	
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.07	20.72
		For 3 Hour Rated, Add	*12.55*	
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	134.20	23.36
		For 3 Hour Rated, Add	*12.82*	
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	119.94	19.78
		For 3 Hour Rated, Add	*12.15*	
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	125.07	20.72
		For 3 Hour Rated, Add	*12.55*	
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.54	21.81
		For 3 Hour Rated, Add	*12.82*	
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.56	23.36
		For 3 Hour Rated, Add	*13.09*	
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.71	26.02
		For 3 Hour Rated, Add	*13.77*	
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.34	20.72
		For 3 Hour Rated, Add	*22.41*	
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	180.35	22.28
		For 3 Hour Rated, Add	*22.68*	
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	187.94	24.46
		For 3 Hour Rated, Add	*22.95*	
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.94	26.02
		For 3 Hour Rated, Add	*23.21*	
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	205.11	28.50
		For 3 Hour Rated, Add	*23.89*	
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.26	31.15
		For 3 Hour Rated, Add	*24.56*	
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.81	21.81
		For 3 Hour Rated, Add	*22.68*	
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	185.48	23.36
		For 3 Hour Rated, Add	*23.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.31	26.02
		For 3 Hour Rated, Add	*23.49*	
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.46	28.50
		For 3 Hour Rated, Add	*24.16*	
23 33 13 19-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.93	31.15
		For 3 Hour Rated, Add	*24.70*	
23 33 13 19-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.09	33.65
		For 3 Hour Rated, Add	*25.37*	
23 33 13 19-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.91	36.29
		For 3 Hour Rated, Add	*25.77*	
23 33 13 19-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.82	23.36
		For 3 Hour Rated, Add	*22.95*	
23 33 13 19-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.30	26.02
		For 3 Hour Rated, Add	*23.48*	
23 33 13 19-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	205.78	28.50
		For 3 Hour Rated, Add	*24.02*	
23 33 13 19-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.96	31.15
		For 3 Hour Rated, Add	*25.10*	
23 33 13 19-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.77	33.65
		For 3 Hour Rated, Add	*25.51*	
23 33 13 19-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	238.59	36.29
		For 3 Hour Rated, Add	*25.91*	
23 33 13 19-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.07	38.95
		For 3 Hour Rated, Add	*26.45*	
23 33 13 19-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.54	41.43
		For 3 Hour Rated, Add	*26.99*	
23 33 13 19-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.38	26.02
		For 3 Hour Rated, Add	*34.50*	
23 33 13 19-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	262.22	28.50
		For 3 Hour Rated, Add	*35.31*	
23 33 13 19-0040	EA	24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.71	31.15
		For 3 Hour Rated, Add	*35.85*	
23 33 13 19-0041	EA	24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.53	33.65
		For 3 Hour Rated, Add	*36.66*	
23 33 13 19-0042	EA	24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	294.35	36.29
		For 3 Hour Rated, Add	*37.06*	
23 33 13 19-0043	EA	24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	304.16	38.95
		For 3 Hour Rated, Add	*37.47*	
23 33 13 19-0044	EA	24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	315.98	41.43
		For 3 Hour Rated, Add	*38.27*	
23 33 13 19-0045	EA	24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	335.60	46.73
		For 3 Hour Rated, Add	*39.08*	
23 33 13 19-0046	EA	24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.56	51.87
		For 3 Hour Rated, Add	*40.16*	
23 33 13 19-0047	EA	28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	262.22	28.50
		For 3 Hour Rated, Add	*35.31*	
23 33 13 19-0048	EA	28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.71	31.15
		For 3 Hour Rated, Add	*35.85*	
23 33 13 19-0049	EA	28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.53	33.65
		For 3 Hour Rated, Add	*36.66*	
23 33 13 19-0050	EA	28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.02	36.29
		For 3 Hour Rated, Add	*37.20*	
23 33 13 19-0051	EA	28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.18	38.95
		For 3 Hour Rated, Add	*37.87*	
23 33 13 19-0052	EA	28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.32	41.43
		For 3 Hour Rated, Add	*38.54*	
23 33 13 19-0053	EA	28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	336.94	46.73
		For 3 Hour Rated, Add	*39.35*	
23 33 13 19-0054	EA	28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.56	51.87
		For 3 Hour Rated, Add	*40.16*	
23 33 13 19-0055	EA	28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	372.43	54.52
		For 3 Hour Rated, Add	*41.78*	
23 33 13 19-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	394.74	59.66
		For 3 Hour Rated, Add	*43.12*	
23 33 13 19-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.74	31.15
		For 3 Hour Rated, Add	*36.66*	
23 33 13 19-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.87	33.65
		For 3 Hour Rated, Add	*36.93*	
23 33 13 19-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.02	36.29
		For 3 Hour Rated, Add	*37.20*	
23 33 13 19-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.50	38.95
		For 3 Hour Rated, Add	*37.73*	
23 33 13 19-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.57	41.43
		For 3 Hour Rated, Add	*38.59*	
23 33 13 19-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	336.94	46.73
		For 3 Hour Rated, Add	*39.35*	
23 33 13 19-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	357.91	51.87
		For 3 Hour Rated, Add	*40.43*	
23 33 13 19-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.88	57.01
		For 3 Hour Rated, Add	*41.51*	
23 33 13 19-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	394.74	59.66
		For 3 Hour Rated, Add	*43.12*	
23 33 13 19-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	416.64	63.87
		For 3 Hour Rated, Add	*45.01*	
23 33 13 19-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.31	67.45
		For 3 Hour Rated, Add	*47.16*	
23 33 13 19-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.79	33.65
		For 3 Hour Rated, Add	*38.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	303.51	36.29
		For 3 Hour Rated, Add	*38.89*	
23 33 13 19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	314.22	38.95
		For 3 Hour Rated, Add	*39.48*	
23 33 13 19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	326.40	41.43
		For 3 Hour Rated, Add	*40.36*	
23 33 13 19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	344.19	46.73
		For 3 Hour Rated, Add	*40.80*	
23 33 13 19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	354.16	49.22
		For 3 Hour Rated, Add	*41.24*	
23 33 13 19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.86	57.01
		For 3 Hour Rated, Add	*42.70*	
23 33 13 19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.75	62.31
		For 3 Hour Rated, Add	*44.17*	
23 33 13 19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	422.76	64.33
		For 3 Hour Rated, Add	*45.92*	
23 33 13 19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	448.49	69.00
		For 3 Hour Rated, Add	*48.27*	
23 33 13 19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	469.64	72.58
		For 3 Hour Rated, Add	*50.31*	
23 33 13 19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	489.13	75.24
		For 3 Hour Rated, Add	*52.66*	
23 33 13 19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	351.31	38.95
		For 3 Hour Rated, Add	*48.45*	
23 33 13 19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.95	41.43
		For 3 Hour Rated, Add	*49.62*	
23 33 13 19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	374.20	44.08
		For 3 Hour Rated, Add	*49.92*	
23 33 13 19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	383.46	46.73
		For 3 Hour Rated, Add	*50.21*	
23 33 13 19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.15	49.22
		For 3 Hour Rated, Add	*51.24*	
23 33 13 19-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	417.07	51.87
		For 3 Hour Rated, Add	*52.26*	
23 33 13 19-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.30	59.66
		For 3 Hour Rated, Add	*53.43*	
23 33 13 19-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.73	64.80
		For 3 Hour Rated, Add	*54.60*	
23 33 13 19-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	488.97	69.00
		For 3 Hour Rated, Add	*56.36*	
23 33 13 19-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	515.98	72.58
		For 3 Hour Rated, Add	*59.58*	
23 33 13 19-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	537.22	76.80
		For 3 Hour Rated, Add	*61.34*	
23 33 13 19-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	559.56	78.82
		For 3 Hour Rated, Add	*64.56*	
23 33 13 19-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	586.68	83.02
		For 3 Hour Rated, Add	*67.49*	
23 33 13 19-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.03	38.95
		For 3 Hour Rated, Add	*49.04*	
23 33 13 19-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	375.67	41.43
		For 3 Hour Rated, Add	*50.21*	
23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	387.85	44.08
		For 3 Hour Rated, Add	*51.09*	
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.11	46.73
		For 3 Hour Rated, Add	*51.38*	
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.75	49.22
		For 3 Hour Rated, Add	*52.56*	
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	424.39	51.87
		For 3 Hour Rated, Add	*53.73*	
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	462.88	62.31
		For 3 Hour Rated, Add	*55.19*	
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	485.76	67.45
		For 3 Hour Rated, Add	*56.65*	
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	515.98	72.58
		For 3 Hour Rated, Add	*59.58*	
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	544.73	77.88
		For 3 Hour Rated, Add	*62.22*	
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	574.95	83.02
		For 3 Hour Rated, Add	*65.14*	
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	595.91	85.51
		For 3 Hour Rated, Add	*67.78*	
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	616.88	88.17
		For 3 Hour Rated, Add	*70.42*	
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	637.86	90.81
		For 3 Hour Rated, Add	*73.05*	
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	374.20	41.43
		For 3 Hour Rated, Add	*49.92*	
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	387.85	44.08
		For 3 Hour Rated, Add	*51.09*	
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.11	46.73
		For 3 Hour Rated, Add	*51.38*	
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	417.07	51.87
		For 3 Hour Rated, Add	*52.26*	
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.51	57.01
		For 3 Hour Rated, Add	*53.43*	
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	459.94	62.31
		For 3 Hour Rated, Add	*54.60*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	484.30	67.45
		For 3 Hour Rated, Add	*56.36*	
23 33 13 19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	508.66	72.58
		For 3 Hour Rated, Add	*58.12*	
23 33 13 19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	537.41	77.88
		For 3 Hour Rated, Add	*60.75*	
23 33 13 19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	569.09	83.02
		For 3 Hour Rated, Add	*63.97*	
23 33 13 19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	590.07	85.51
		For 3 Hour Rated, Add	*66.61*	
23 33 13 19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	615.41	88.17
		For 3 Hour Rated, Add	*70.12*	
23 33 13 19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	644.17	93.30
		For 3 Hour Rated, Add	*72.76*	
23 33 13 19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	669.53	95.95
		For 3 Hour Rated, Add	*76.27*	
23 33 13 19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	704.61	103.74
		For 3 Hour Rated, Add	*78.62*	
23 33 13 19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.38	44.08
		For 3 Hour Rated, Add	*50.80*	
23 33 13 19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	400.03	46.73
		For 3 Hour Rated, Add	*51.97*	
23 33 13 19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.46	51.87
		For 3 Hour Rated, Add	*53.14*	
23 33 13 19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.51	57.01
		For 3 Hour Rated, Add	*53.43*	
23 33 13 19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	460.68	62.31
		For 3 Hour Rated, Add	*54.75*	
23 33 13 19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	482.84	67.45
		For 3 Hour Rated, Add	*56.07*	
23 33 13 19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	507.20	72.58
		For 3 Hour Rated, Add	*57.83*	
23 33 13 19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	531.55	77.88
		For 3 Hour Rated, Add	*59.58*	
23 33 13 19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	560.32	83.02
		For 3 Hour Rated, Add	*62.22*	
23 33 13 19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	593.46	88.17
		For 3 Hour Rated, Add	*65.73*	
23 33 13 19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	615.88	90.81
		For 3 Hour Rated, Add	*68.66*	
23 33 13 19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	642.71	93.30
		For 3 Hour Rated, Add	*72.47*	
23 33 13 19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	675.84	98.60
		For 3 Hour Rated, Add	*75.98*	
23 33 13 19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	704.61	103.74
		For 3 Hour Rated, Add	*78.62*	
23 33 13 19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	745.53	111.53
		For 3 Hour Rated, Add	*82.13*	
23 33 13 19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	775.76	116.67
		For 3 Hour Rated, Add	*85.06*	
23 33 13 19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.11	46.73
		For 3 Hour Rated, Add	*51.38*	
23 33 13 19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	419.99	51.87
		For 3 Hour Rated, Add	*52.85*	
23 33 13 19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.97	57.01
		For 3 Hour Rated, Add	*53.73*	
23 33 13 19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	457.01	62.31
		For 3 Hour Rated, Add	*54.02*	
23 33 13 19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	480.64	67.45
		For 3 Hour Rated, Add	*55.63*	
23 33 13 19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	504.27	72.58
		For 3 Hour Rated, Add	*57.24*	
23 33 13 19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	527.89	77.88
		For 3 Hour Rated, Add	*58.85*	
23 33 13 19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	551.53	83.02
		For 3 Hour Rated, Add	*60.46*	
23 33 13 19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	584.66	88.17
		For 3 Hour Rated, Add	*63.97*	
23 33 13 19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	610.04	90.81
		For 3 Hour Rated, Add	*67.49*	
23 33 13 19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	633.91	93.30
		For 3 Hour Rated, Add	*70.71*	
23 33 13 19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	669.99	98.60
		For 3 Hour Rated, Add	*74.81*	
23 33 13 19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	703.14	103.74
		For 3 Hour Rated, Add	*78.32*	
23 33 13 19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	737.75	108.88
		For 3 Hour Rated, Add	*82.13*	
23 33 13 19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	767.97	114.17
		For 3 Hour Rated, Add	*85.06*	
23 33 13 19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	802.57	119.31
		For 3 Hour Rated, Add	*88.86*	
23 33 13 19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	837.18	124.46
		For 3 Hour Rated, Add	*92.67*	
23 33 13 19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	417.07	51.87
		For 3 Hour Rated, Add	*52.26*	
23 33 13 19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.97	57.01
		For 3 Hour Rated, Add	*53.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	458.48	62.31
		For 3 Hour Rated, Add	*54.31*	
23 33 13 19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	475.51	67.45
		For 3 Hour Rated, Add	*54.60*	
23 33 13 19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	499.88	72.58
		For 3 Hour Rated, Add	*56.36*	
23 33 13 19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	524.23	77.88
		For 3 Hour Rated, Add	*58.12*	
23 33 13 19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	549.33	83.02
		For 3 Hour Rated, Add	*60.02*	
23 33 13 19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	574.43	88.17
		For 3 Hour Rated, Add	*61.93*	
23 33 13 19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	601.25	90.81
		For 3 Hour Rated, Add	*65.73*	
23 33 13 19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	626.59	93.30
		For 3 Hour Rated, Add	*69.24*	
23 33 13 19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	661.22	98.60
		For 3 Hour Rated, Add	*73.05*	
23 33 13 19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	695.83	103.74
		For 3 Hour Rated, Add	*76.86*	
23 33 13 19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	726.05	108.88
		For 3 Hour Rated, Add	*79.79*	
23 33 13 19-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	765.04	114.17
		For 3 Hour Rated, Add	*84.47*	
23 33 13 19-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	801.11	119.31
		For 3 Hour Rated, Add	*88.57*	
23 33 13 19-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	837.18	124.46
		For 3 Hour Rated, Add	*92.67*	
23 33 13 19-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	870.32	129.76
		For 3 Hour Rated, Add	*96.18*	
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	903.49	134.89
		For 3 Hour Rated, Add	*99.70*	

23 33 13 19-0173 Smoke Damper *(23 33 13 19)*

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0174	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.15	11.53
		For Dynamic Damper, Add	*10.93*	
		For 3 Hour Rated, Add	*9.71*	
23 33 13 19-0175	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	85.93	12.04
		For Dynamic Damper, Add	*11.20*	
		For 3 Hour Rated, Add	*9.96*	
23 33 13 19-0176	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	87.37	12.15
		For Dynamic Damper, Add	*11.48*	
		For 3 Hour Rated, Add	*10.21*	
23 33 13 19-0177	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	87.37	12.15
		For Dynamic Damper, Add	*11.48*	
		For 3 Hour Rated, Add	*10.21*	
23 33 13 19-0178	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.65	12.47
		For Dynamic Damper, Add	*11.76*	
		For 3 Hour Rated, Add	*10.45*	
23 33 13 19-0179	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	96.25	13.81
		For Dynamic Damper, Add	*12.31*	
		For 3 Hour Rated, Add	*10.94*	
23 33 13 19-0180	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.65	12.47
		For Dynamic Damper, Add	*11.76*	
		For 3 Hour Rated, Add	*10.45*	
23 33 13 19-0181	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.17	13.19
		For Dynamic Damper, Add	*12.31*	
		For 3 Hour Rated, Add	*10.94*	
23 33 13 19-0182	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.49	13.81
		For Dynamic Damper, Add	*12.59*	
		For 3 Hour Rated, Add	*11.19*	
23 33 13 19-0183	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.90	15.57
		For Dynamic Damper, Add	*12.86*	
		For 3 Hour Rated, Add	*11.43*	
23 33 13 19-0184	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	93.56	13.19
		For Dynamic Damper, Add	*12.17*	
		For 3 Hour Rated, Add	*10.82*	
23 33 13 19-0185	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.49	13.81
		For Dynamic Damper, Add	*12.59*	
		For 3 Hour Rated, Add	*11.19*	
23 33 13 19-0186	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	100.78	14.54
		For Dynamic Damper, Add	*12.86*	
		For 3 Hour Rated, Add	*11.43*	
23 33 13 19-0187	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	105.14	15.57
		For Dynamic Damper, Add	*13.14*	
		For 3 Hour Rated, Add	*11.68*	
23 33 13 19-0188	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	113.40	17.34
		For Dynamic Damper, Add	*13.83*	
		For 3 Hour Rated, Add	*12.30*	
23 33 13 19-0189	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.27	13.81
		For Dynamic Damper, Add	*22.66*	
		For 3 Hour Rated, Add	*20.15*	
23 33 13 19-0190	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.62	14.85
		For Dynamic Damper, Add	*22.94*	
		For 3 Hour Rated, Add	*20.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0191	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.00	16.31
		For Dynamic Damper, Add	*23.22*	
		For 3 Hour Rated, Add	*20.64*	
23 33 13 19-0192	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.33	17.34
		For Dynamic Damper, Add	*23.49*	
		For 3 Hour Rated, Add	*20.88*	
23 33 13 19-0193	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.61	19.00
		For Dynamic Damper, Add	*24.19*	
		For 3 Hour Rated, Add	*21.50*	
23 33 13 19-0194	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	172.88	20.77
		For Dynamic Damper, Add	*24.88*	
		For 3 Hour Rated, Add	*22.11*	
23 33 13 19-0195	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	145.57	14.54
		For Dynamic Damper, Add	*22.94*	
		For 3 Hour Rated, Add	*20.39*	
23 33 13 19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.53	15.57
		For Dynamic Damper, Add	*23.36*	
		For 3 Hour Rated, Add	*20.76*	
23 33 13 19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.58	17.34
		For Dynamic Damper, Add	*23.77*	
		For 3 Hour Rated, Add	*21.13*	
23 33 13 19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.84	19.00
		For Dynamic Damper, Add	*24.46*	
		For 3 Hour Rated, Add	*21.75*	
23 33 13 19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	173.49	20.77
		For Dynamic Damper, Add	*25.02*	
		For 3 Hour Rated, Add	*22.24*	
23 33 13 19-0200	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	181.76	22.43
		For Dynamic Damper, Add	*25.71*	
		For 3 Hour Rated, Add	*22.85*	
23 33 13 19-0201	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	188.80	24.20
		For Dynamic Damper, Add	*26.12*	
		For 3 Hour Rated, Add	*23.22*	
23 33 13 19-0202	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	149.92	15.57
		For Dynamic Damper, Add	*23.22*	
		For 3 Hour Rated, Add	*20.64*	
23 33 13 19-0203	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.57	17.34
		For Dynamic Damper, Add	*23.77*	
		For 3 Hour Rated, Add	*21.13*	
23 33 13 19-0204	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.22	19.00
		For Dynamic Damper, Add	*24.32*	
		For 3 Hour Rated, Add	*21.62*	
23 33 13 19-0205	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.35	20.77
		For Dynamic Damper, Add	*25.43*	
		For 3 Hour Rated, Add	*22.61*	
23 33 13 19-0206	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.38	22.43
		For Dynamic Damper, Add	*25.85*	
		For 3 Hour Rated, Add	*22.98*	
23 33 13 19-0207	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.42	24.20
		For Dynamic Damper, Add	*26.26*	
		For 3 Hour Rated, Add	*23.35*	
23 33 13 19-0208	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.06	25.96
		For Dynamic Damper, Add	*26.82*	
		For 3 Hour Rated, Add	*23.84*	
23 33 13 19-0209	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.72	27.63
		For Dynamic Damper, Add	*27.37*	
		For 3 Hour Rated, Add	*24.33*	
23 33 13 19-0210	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.62	17.34
		For Dynamic Damper, Add	*32.11*	
		For 3 Hour Rated, Add	*28.54*	
23 33 13 19-0211	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	203.51	19.00
		For Dynamic Damper, Add	*32.94*	
		For 3 Hour Rated, Add	*29.28*	
23 33 13 19-0212	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.18	20.77
		For Dynamic Damper, Add	*33.50*	
		For 3 Hour Rated, Add	*29.77*	
23 33 13 19-0213	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.06	22.43
		For Dynamic Damper, Add	*34.33*	
		For 3 Hour Rated, Add	*30.51*	
23 33 13 19-0214	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.09	24.20
		For Dynamic Damper, Add	*34.74*	
		For 3 Hour Rated, Add	*30.88*	
23 33 13 19-0215	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	234.12	25.96
		For Dynamic Damper, Add	*35.15*	
		For 3 Hour Rated, Add	*31.25*	
23 33 13 19-0216	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	243.01	27.63
		For Dynamic Damper, Add	*35.98*	
		For 3 Hour Rated, Add	*31.99*	
23 33 13 19-0217	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	257.07	31.15
		For Dynamic Damper, Add	*36.81*	
		For 3 Hour Rated, Add	*32.72*	
23 33 13 19-0218	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.38	34.58
		For Dynamic Damper, Add	*37.92*	
		For 3 Hour Rated, Add	*33.71*	
23 33 13 19-0219	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	203.51	19.00
		For Dynamic Damper, Add	*32.94*	
		For 3 Hour Rated, Add	*29.28*	
23 33 13 19-0220	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	211.18	20.77
		For Dynamic Damper, Add	*33.50*	
		For 3 Hour Rated, Add	*29.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0221	EA	28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.06	22.43
		For Dynamic Damper, Add	*34.33*	
		For 3 Hour Rated, Add	*30.51*	
23 33 13 19-0222	EA	28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.70	24.20
		For Dynamic Damper, Add	*34.88*	
		For 3 Hour Rated, Add	*31.00*	
23 33 13 19-0223	EA	28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	235.96	25.96
		For Dynamic Damper, Add	*35.57*	
		For 3 Hour Rated, Add	*31.62*	
23 33 13 19-0224	EA	28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.23	27.63
		For Dynamic Damper, Add	*36.26*	
		For 3 Hour Rated, Add	*32.23*	
23 33 13 19-0225	EA	28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.29	31.15
		For Dynamic Damper, Add	*37.09*	
		For 3 Hour Rated, Add	*32.97*	
23 33 13 19-0226	EA	28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.38	34.58
		For Dynamic Damper, Add	*37.92*	
		For 3 Hour Rated, Add	*33.71*	
23 33 13 19-0227	EA	28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.96	36.34
		For Dynamic Damper, Add	*39.58*	
		For 3 Hour Rated, Add	*35.18*	
23 33 13 19-0228	EA	28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.49	39.77
		For Dynamic Damper, Add	*40.97*	
		For 3 Hour Rated, Add	*36.41*	
23 33 13 19-0229	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	214.87	20.77
		For Dynamic Damper, Add	*34.33*	
		For 3 Hour Rated, Add	*30.51*	
23 33 13 19-0230	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.27	22.43
		For Dynamic Damper, Add	*34.60*	
		For 3 Hour Rated, Add	*30.75*	
23 33 13 19-0231	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.70	24.20
		For Dynamic Damper, Add	*34.88*	
		For 3 Hour Rated, Add	*31.00*	
23 33 13 19-0232	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	235.34	25.96
		For Dynamic Damper, Add	*35.43*	
		For 3 Hour Rated, Add	*31.49*	
23 33 13 19-0233	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.47	27.63
		For Dynamic Damper, Add	*36.31*	
		For 3 Hour Rated, Add	*32.28*	
23 33 13 19-0234	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	258.29	31.15
		For Dynamic Damper, Add	*37.09*	
		For 3 Hour Rated, Add	*32.97*	
23 33 13 19-0235	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.61	34.58
		For Dynamic Damper, Add	*38.20*	
		For 3 Hour Rated, Add	*33.95*	
23 33 13 19-0236	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.92	38.01
		For Dynamic Damper, Add	*39.31*	
		For 3 Hour Rated, Add	*34.94*	
23 33 13 19-0237	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.49	39.77
		For Dynamic Damper, Add	*40.97*	
		For 3 Hour Rated, Add	*36.41*	
23 33 13 19-0238	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	318.41	42.57
		For Dynamic Damper, Add	*42.91*	
		For 3 Hour Rated, Add	*38.14*	
23 33 13 19-0239	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	335.51	44.97
		For Dynamic Damper, Add	*45.12*	
		For 3 Hour Rated, Add	*40.10*	
23 33 13 19-0240	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	225.85	22.43
		For Dynamic Damper, Add	*35.63*	
		For 3 Hour Rated, Add	*31.67*	
23 33 13 19-0241	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	233.61	24.20
		For Dynamic Damper, Add	*36.21*	
		For 3 Hour Rated, Add	*32.18*	
23 33 13 19-0242	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	241.37	25.96
		For Dynamic Damper, Add	*36.79*	
		For 3 Hour Rated, Add	*32.70*	
23 33 13 19-0243	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.44	27.63
		For Dynamic Damper, Add	*37.66*	
		For 3 Hour Rated, Add	*33.47*	
23 33 13 19-0244	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	262.76	31.15
		For Dynamic Damper, Add	*38.09*	
		For 3 Hour Rated, Add	*33.86*	
23 33 13 19-0245	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.89	32.81
		For Dynamic Damper, Add	*38.53*	
		For 3 Hour Rated, Add	*34.25*	
23 33 13 19-0246	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	291.90	38.01
		For Dynamic Damper, Add	*39.98*	
		For 3 Hour Rated, Add	*35.54*	
23 33 13 19-0247	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.72	41.54
		For Dynamic Damper, Add	*41.42*	
		For 3 Hour Rated, Add	*36.82*	
23 33 13 19-0248	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	320.61	42.89
		For Dynamic Damper, Add	*43.17*	
		For 3 Hour Rated, Add	*38.37*	
23 33 13 19-0249	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	340.26	46.00
		For Dynamic Damper, Add	*45.48*	
		For 3 Hour Rated, Add	*40.43*	
23 33 13 19-0250	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.55	48.40
		For Dynamic Damper, Add	*47.51*	
		For 3 Hour Rated, Add	*42.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0251	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	372.06	50.15
		For Dynamic Damper, Add	*49.83*	
		For 3 Hour Rated, Add	*44.30*	
23 33 13 19-0252	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.19	25.96
		For Dynamic Damper, Add	*41.96*	
		For 3 Hour Rated, Add	*37.30*	
23 33 13 19-0253	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.53	27.63
		For Dynamic Damper, Add	*43.12*	
		For 3 Hour Rated, Add	*38.33*	
23 33 13 19-0254	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.02	29.39
		For Dynamic Damper, Add	*43.41*	
		For 3 Hour Rated, Add	*38.59*	
23 33 13 19-0255	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	282.50	31.15
		For Dynamic Damper, Add	*43.70*	
		For 3 Hour Rated, Add	*38.85*	
23 33 13 19-0256	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.40	32.81
		For Dynamic Damper, Add	*44.72*	
		For 3 Hour Rated, Add	*39.75*	
23 33 13 19-0257	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	307.10	34.58
		For Dynamic Damper, Add	*45.73*	
		For 3 Hour Rated, Add	*40.65*	
23 33 13 19-0258	EA	40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.83	39.77
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*41.68*	
23 33 13 19-0259	EA	40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.38	43.20
		For Dynamic Damper, Add	*48.05*	
		For 3 Hour Rated, Add	*42.71*	
23 33 13 19-0260	EA	40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	359.41	46.00
		For Dynamic Damper, Add	*49.79*	
		For 3 Hour Rated, Add	*44.26*	
23 33 13 19-0261	EA	40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	380.85	48.40
		For Dynamic Damper, Add	*52.98*	
		For 3 Hour Rated, Add	*47.09*	
23 33 13 19-0262	EA	40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.88	51.19
		For Dynamic Damper, Add	*54.72*	
		For 3 Hour Rated, Add	*48.64*	
23 33 13 19-0263	EA	40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.21	52.55
		For Dynamic Damper, Add	*57.91*	
		For 3 Hour Rated, Add	*51.47*	
23 33 13 19-0264	EA	40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	436.41	55.35
		For Dynamic Damper, Add	*60.81*	
		For 3 Hour Rated, Add	*54.05*	
23 33 13 19-0265	EA	44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	266.96	25.96
		For Dynamic Damper, Add	*42.54*	
		For 3 Hour Rated, Add	*37.82*	
23 33 13 19-0266	EA	44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	277.31	27.63
		For Dynamic Damper, Add	*43.70*	
		For 3 Hour Rated, Add	*38.85*	
23 33 13 19-0267	EA	44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	286.38	29.39
		For Dynamic Damper, Add	*44.57*	
		For 3 Hour Rated, Add	*39.62*	
23 33 13 19-0268	EA	44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.85	31.15
		For Dynamic Damper, Add	*44.87*	
		For 3 Hour Rated, Add	*39.88*	
23 33 13 19-0269	EA	44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	303.20	32.81
		For Dynamic Damper, Add	*46.02*	
		For 3 Hour Rated, Add	*40.91*	
23 33 13 19-0270	EA	44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.54	34.58
		For Dynamic Damper, Add	*47.18*	
		For 3 Hour Rated, Add	*41.94*	
23 33 13 19-0271	EA	44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	340.76	41.54
		For Dynamic Damper, Add	*48.63*	
		For 3 Hour Rated, Add	*43.23*	
23 33 13 19-0272	EA	44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	357.57	44.97
		For Dynamic Damper, Add	*50.08*	
		For 3 Hour Rated, Add	*44.52*	
23 33 13 19-0273	EA	44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	380.85	48.40
		For Dynamic Damper, Add	*52.98*	
		For 3 Hour Rated, Add	*47.09*	
23 33 13 19-0274	EA	44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	402.83	51.92
		For Dynamic Damper, Add	*55.59*	
		For 3 Hour Rated, Add	*49.41*	
23 33 13 19-0275	EA	44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	426.09	55.35
		For Dynamic Damper, Add	*58.49*	
		For 3 Hour Rated, Add	*51.99*	
23 33 13 19-0276	EA	44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	442.88	57.01
		For Dynamic Damper, Add	*61.10*	
		For 3 Hour Rated, Add	*54.31*	
23 33 13 19-0277	EA	44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	459.67	58.77
		For Dynamic Damper, Add	*63.71*	
		For 3 Hour Rated, Add	*56.63*	
23 33 13 19-0278	EA	44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	476.46	60.54
		For Dynamic Damper, Add	*66.32*	
		For 3 Hour Rated, Add	*58.95*	
23 33 13 19-0279	EA	48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.02	27.63
		For Dynamic Damper, Add	*43.41*	
		For 3 Hour Rated, Add	*38.59*	
23 33 13 19-0280	EA	48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	286.38	29.39
		For Dynamic Damper, Add	*44.57*	
		For 3 Hour Rated, Add	*39.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0281	EA	48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.85	31.15
		For Dynamic Damper, Add	*44.87*	
		For 3 Hour Rated, Add	*39.88*	
23 33 13 19-0282	EA	48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	307.10	34.58
		For Dynamic Damper, Add	*45.73*	
		For 3 Hour Rated, Add	*40.65*	
23 33 13 19-0283	EA	48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	322.63	38.01
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*41.68*	
23 33 13 19-0284	EA	48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.18	41.54
		For Dynamic Damper, Add	*48.05*	
		For 3 Hour Rated, Add	*42.71*	
23 33 13 19-0285	EA	48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	356.29	44.97
		For Dynamic Damper, Add	*49.79*	
		For 3 Hour Rated, Add	*44.26*	
23 33 13 19-0286	EA	48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	374.40	48.40
		For Dynamic Damper, Add	*51.53*	
		For 3 Hour Rated, Add	*45.80*	
23 33 13 19-0287	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	396.38	51.92
		For Dynamic Damper, Add	*54.14*	
		For 3 Hour Rated, Add	*48.12*	
23 33 13 19-0288	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	420.94	55.35
		For Dynamic Damper, Add	*57.33*	
		For 3 Hour Rated, Add	*50.96*	
23 33 13 19-0289	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	437.74	57.01
		For Dynamic Damper, Add	*59.94*	
		For 3 Hour Rated, Add	*53.28*	
23 33 13 19-0290	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	458.38	58.77
		For Dynamic Damper, Add	*63.42*	
		For 3 Hour Rated, Add	*56.37*	
23 33 13 19-0291	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	480.37	62.20
		For Dynamic Damper, Add	*66.03*	
		For 3 Hour Rated, Add	*58.69*	
23 33 13 19-0292	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	501.01	63.97
		For Dynamic Damper, Add	*69.50*	
		For 3 Hour Rated, Add	*61.78*	
23 33 13 19-0293	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	526.91	69.16
		For Dynamic Damper, Add	*71.82*	
		For 3 Hour Rated, Add	*63.84*	
23 33 13 19-0294	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.09	29.39
		For Dynamic Damper, Add	*44.28*	
		For 3 Hour Rated, Add	*39.36*	
23 33 13 19-0295	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	295.42	31.15
		For Dynamic Damper, Add	*45.44*	
		For 3 Hour Rated, Add	*40.39*	
23 33 13 19-0296	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.96	34.58
		For Dynamic Damper, Add	*46.60*	
		For 3 Hour Rated, Add	*41.42*	
23 33 13 19-0297	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	322.63	38.01
		For Dynamic Damper, Add	*46.89*	
		For 3 Hour Rated, Add	*41.68*	
23 33 13 19-0298	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.83	41.54
		For Dynamic Damper, Add	*48.20*	
		For 3 Hour Rated, Add	*42.84*	
23 33 13 19-0299	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.00	44.97
		For Dynamic Damper, Add	*49.50*	
		For 3 Hour Rated, Add	*44.00*	
23 33 13 19-0300	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	373.12	48.40
		For Dynamic Damper, Add	*51.24*	
		For 3 Hour Rated, Add	*45.55*	
23 33 13 19-0301	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.23	51.92
		For Dynamic Damper, Add	*52.98*	
		For 3 Hour Rated, Add	*47.09*	
23 33 13 19-0302	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	413.22	55.35
		For Dynamic Damper, Add	*55.59*	
		For 3 Hour Rated, Add	*49.41*	
23 33 13 19-0303	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.05	58.77
		For Dynamic Damper, Add	*59.07*	
		For 3 Hour Rated, Add	*52.50*	
23 33 13 19-0304	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	457.12	60.54
		For Dynamic Damper, Add	*61.97*	
		For 3 Hour Rated, Add	*55.08*	
23 33 13 19-0305	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	479.08	62.20
		For Dynamic Damper, Add	*65.74*	
		For 3 Hour Rated, Add	*58.43*	
23 33 13 19-0306	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	504.91	65.74
		For Dynamic Damper, Add	*69.21*	
		For 3 Hour Rated, Add	*61.52*	
23 33 13 19-0307	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	526.91	69.16
		For Dynamic Damper, Add	*71.82*	
		For 3 Hour Rated, Add	*63.84*	
23 33 13 19-0308	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	557.94	74.35
		For Dynamic Damper, Add	*75.30*	
		For 3 Hour Rated, Add	*66.94*	
23 33 13 19-0309	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	581.21	77.78
		For Dynamic Damper, Add	*78.20*	
		For 3 Hour Rated, Add	*69.51*	
23 33 13 19-0310	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.85	31.15
		For Dynamic Damper, Add	*44.87*	
		For 3 Hour Rated, Add	*39.88*	

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23 33 13 19-0311	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	309.67	34.58
		For Dynamic Damper, Add	*46.31*	
		For 3 Hour Rated, Add	*41.17*	
23 33 13 19-0312	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.92	38.01
		For Dynamic Damper, Add	*47.18*	
		For 3 Hour Rated, Add	*41.94*	
23 33 13 19-0313	EA	56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	335.59	41.54
		For Dynamic Damper, Add	*47.47*	
		For 3 Hour Rated, Add	*42.20*	
23 33 13 19-0314	EA	56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.07	44.97
		For Dynamic Damper, Add	*49.07*	
		For 3 Hour Rated, Add	*43.62*	
23 33 13 19-0315	EA	56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	370.54	48.40
		For Dynamic Damper, Add	*50.66*	
		For 3 Hour Rated, Add	*45.03*	
23 33 13 19-0316	EA	56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.01	51.92
		For Dynamic Damper, Add	*52.26*	
		For 3 Hour Rated, Add	*46.45*	
23 33 13 19-0317	EA	56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	405.48	55.35
		For Dynamic Damper, Add	*53.85*	
		For 3 Hour Rated, Add	*47.87*	
23 33 13 19-0318	EA	56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	431.32	58.77
		For Dynamic Damper, Add	*57.33*	
		For 3 Hour Rated, Add	*50.96*	
23 33 13 19-0319	EA	56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	451.98	60.54
		For Dynamic Damper, Add	*60.81*	
		For 3 Hour Rated, Add	*54.05*	
23 33 13 19-0320	EA	56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	471.35	62.20
		For Dynamic Damper, Add	*64.00*	
		For 3 Hour Rated, Add	*56.89*	
23 33 13 19-0321	EA	56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	499.77	65.74
		For Dynamic Damper, Add	*68.06*	
		For 3 Hour Rated, Add	*60.49*	
23 33 13 19-0322	EA	56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	525.62	69.16
		For Dynamic Damper, Add	*71.53*	
		For 3 Hour Rated, Add	*63.59*	
23 33 13 19-0323	EA	56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	552.75	72.58
		For Dynamic Damper, Add	*75.30*	
		For 3 Hour Rated, Add	*66.94*	
23 33 13 19-0324	EA	56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	576.03	76.11
		For Dynamic Damper, Add	*78.20*	
		For 3 Hour Rated, Add	*69.51*	
23 33 13 19-0325	EA	56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	603.16	79.54
		For Dynamic Damper, Add	*81.97*	
		For 3 Hour Rated, Add	*72.86*	
23 33 13 19-0326	EA	56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	630.30	82.97
		For Dynamic Damper, Add	*85.74*	
		For 3 Hour Rated, Add	*76.21*	
23 33 13 19-0327	EA	60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	307.10	34.58
		For Dynamic Damper, Add	*45.73*	
		For 3 Hour Rated, Add	*40.65*	
23 33 13 19-0328	EA	60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.92	38.01
		For Dynamic Damper, Add	*47.18*	
		For 3 Hour Rated, Add	*41.94*	
23 33 13 19-0329	EA	60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	336.88	41.54
		For Dynamic Damper, Add	*47.76*	
		For 3 Hour Rated, Add	*42.45*	
23 33 13 19-0330	EA	60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	348.56	44.97
		For Dynamic Damper, Add	*48.05*	
		For 3 Hour Rated, Add	*42.71*	
23 33 13 19-0331	EA	60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.68	48.40
		For Dynamic Damper, Add	*49.79*	
		For 3 Hour Rated, Add	*44.26*	
23 33 13 19-0332	EA	60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.78	51.92
		For Dynamic Damper, Add	*51.53*	
		For 3 Hour Rated, Add	*45.80*	
23 33 13 19-0333	EA	60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	403.55	55.35
		For Dynamic Damper, Add	*53.42*	
		For 3 Hour Rated, Add	*47.48*	
23 33 13 19-0334	EA	60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	422.30	58.77
		For Dynamic Damper, Add	*55.30*	
		For 3 Hour Rated, Add	*49.15*	
23 33 13 19-0335	EA	60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.24	60.54
		For Dynamic Damper, Add	*59.07*	
		For 3 Hour Rated, Add	*52.50*	
23 33 13 19-0336	EA	60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	464.90	62.20
		For Dynamic Damper, Add	*62.55*	
		For 3 Hour Rated, Add	*55.60*	
23 33 13 19-0337	EA	60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	492.04	65.74
		For Dynamic Damper, Add	*66.32*	
		For 3 Hour Rated, Add	*58.95*	
23 33 13 19-0338	EA	60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	519.18	69.16
		For Dynamic Damper, Add	*70.09*	
		For 3 Hour Rated, Add	*62.30*	
23 33 13 19-0339	EA	60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	542.44	72.58
		For Dynamic Damper, Add	*72.98*	
		For 3 Hour Rated, Add	*64.87*	
23 33 13 19-0340	EA	60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	573.44	76.11
		For Dynamic Damper, Add	*77.62*	
		For 3 Hour Rated, Add	*69.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0341		EA	60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	601.86	79.54
			For Dynamic Damper, Add	*81.68*	
			For 3 Hour Rated, Add	*72.60*	
23 33 13 19-0342		EA	60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	630.30	82.97
			For Dynamic Damper, Add	*85.74*	
			For 3 Hour Rated, Add	*76.21*	
23 33 13 19-0343		EA	60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	656.11	86.50
			For Dynamic Damper, Add	*89.21*	
			For 3 Hour Rated, Add	*79.30*	
23 33 13 19-0344		EA	60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	681.98	89.92
			For Dynamic Damper, Add	*92.70*	
			For 3 Hour Rated, Add	*82.40*	

23 33 13 23 Backdraft Dampers *(23 33 13)*

23 33 13 23-0001 Horizontally Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002		EA	6" x 6" Horizontally Mounted Backdraft Damper	57.03	11.53
23 33 13 23-0003		EA	8" x 6" Horizontally Mounted Backdraft Damper	66.06	12.04
23 33 13 23-0004		EA	8" x 8" Horizontally Mounted Backdraft Damper	76.24	12.15
23 33 13 23-0005		EA	10" x 6" Horizontally Mounted Backdraft Damper	73.75	12.15
23 33 13 23-0006		EA	10" x 8" Horizontally Mounted Backdraft Damper	71.83	12.47
23 33 13 23-0007		EA	10" x 10" Horizontally Mounted Backdraft Damper	84.59	13.81
23 33 13 23-0008		EA	12" x 6" Horizontally Mounted Backdraft Damper	68.39	12.47
23 33 13 23-0009		EA	12" x 8" Horizontally Mounted Backdraft Damper	82.87	13.81
23 33 13 23-0010		EA	12" x 10" Horizontally Mounted Backdraft Damper	81.23	14.54
23 33 13 23-0011		EA	12" x 12" Horizontally Mounted Backdraft Damper	91.88	15.57
23 33 13 23-0012		EA	14" x 6" Horizontally Mounted Backdraft Damper	75.62	13.19
23 33 13 23-0013		EA	14" x 8" Horizontally Mounted Backdraft Damper	78.72	14.54
23 33 13 23-0014		EA	14" x 10" Horizontally Mounted Backdraft Damper	90.63	15.57
23 33 13 23-0015		EA	14" x 12" Horizontally Mounted Backdraft Damper	85.69	17.34
23 33 13 23-0016		EA	14" x 14" Horizontally Mounted Backdraft Damper	96.51	19.00
23 33 13 23-0017		EA	16" x 6" Horizontally Mounted Backdraft Damper	82.87	13.81
23 33 13 23-0018		EA	16" x 8" Horizontally Mounted Backdraft Damper	86.86	15.57
23 33 13 23-0019		EA	16" x 10" Horizontally Mounted Backdraft Damper	84.08	17.34
23 33 13 23-0020		EA	16" x 12" Horizontally Mounted Backdraft Damper	90.51	17.34
23 33 13 23-0021		EA	16" x 14" Horizontally Mounted Backdraft Damper	102.13	19.00
23 33 13 23-0022		EA	16" x 16" Horizontally Mounted Backdraft Damper	113.76	20.77
23 33 13 23-0023		EA	18" x 6" Horizontally Mounted Backdraft Damper	77.47	14.54
23 33 13 23-0024		EA	18" x 8" Horizontally Mounted Backdraft Damper	75.67	15.57
23 33 13 23-0025		EA	18" x 10" Horizontally Mounted Backdraft Damper	88.09	17.34
23 33 13 23-0026		EA	18" x 12" Horizontally Mounted Backdraft Damper	100.52	19.00
23 33 13 23-0027		EA	18" x 14" Horizontally Mounted Backdraft Damper	112.95	20.77
23 33 13 23-0028		EA	18" x 16" Horizontally Mounted Backdraft Damper	127.23	22.43
23 33 13 23-0029		EA	18" x 18" Horizontally Mounted Backdraft Damper	145.08	25.96
23 33 13 23-0030		EA	18" x 20" Horizontally Mounted Backdraft Damper	128.37	27.63
23 33 13 23-0031		EA	18" x 24" Horizontally Mounted Backdraft Damper	147.79	31.15
23 33 13 23-0032		EA	20" x 6" Horizontally Mounted Backdraft Damper	84.35	15.57
23 33 13 23-0033		EA	20" x 8" Horizontally Mounted Backdraft Damper	84.08	17.34
23 33 13 23-0034		EA	20" x 10" Horizontally Mounted Backdraft Damper	97.30	19.00
23 33 13 23-0035		EA	20" x 12" Horizontally Mounted Backdraft Damper	110.55	20.77
23 33 13 23-0036		EA	20" x 14" Horizontally Mounted Backdraft Damper	125.58	22.43
23 33 13 23-0037		EA	20" x 16" Horizontally Mounted Backdraft Damper	139.06	24.20
23 33 13 23-0038		EA	20" x 18" Horizontally Mounted Backdraft Damper	128.37	27.63
23 33 13 23-0039		EA	20" x 20" Horizontally Mounted Backdraft Damper	133.40	27.63
23 33 13 23-0040		EA	20" x 24" Horizontally Mounted Backdraft Damper	153.83	31.15
23 33 13 23-0041		EA	20" x 28" Horizontally Mounted Backdraft Damper	174.27	34.58
23 33 13 23-0042		EA	20" x 32" Horizontally Mounted Backdraft Damper	171.72	38.01
23 33 13 23-0043		EA	20" x 36" Horizontally Mounted Backdraft Damper	189.29	41.54
23 33 13 23-0044		EA	24" x 6" Horizontally Mounted Backdraft Damper	80.86	17.34
23 33 13 23-0045		EA	24" x 8" Horizontally Mounted Backdraft Damper	95.70	19.00
23 33 13 23-0046		EA	24" x 10" Horizontally Mounted Backdraft Damper	110.55	20.77
23 33 13 23-0047		EA	24" x 12" Horizontally Mounted Backdraft Damper	127.23	22.43
23 33 13 23-0048		EA	24" x 14" Horizontally Mounted Backdraft Damper	120.14	25.96
23 33 13 23-0049		EA	24" x 16" Horizontally Mounted Backdraft Damper	131.38	27.63
23 33 13 23-0050		EA	24" x 18" Horizontally Mounted Backdraft Damper	147.79	31.15
23 33 13 23-0051		EA	24" x 20" Horizontally Mounted Backdraft Damper	153.83	31.15
23 33 13 23-0052		EA	24" x 24" Horizontally Mounted Backdraft Damper	176.29	34.58
23 33 13 23-0053		EA	24" x 28" Horizontally Mounted Backdraft Damper	174.58	38.01
23 33 13 23-0054		EA	24" x 32" Horizontally Mounted Backdraft Damper	193.61	41.54
23 33 13 23-0055		EA	24" x 36" Horizontally Mounted Backdraft Damper	212.61	44.97
23 33 13 23-0056		EA	24" x 40" Horizontally Mounted Backdraft Damper	214.38	48.40
23 33 13 23-0057		EA	24" x 44" Horizontally Mounted Backdraft Damper	231.65	51.92
23 33 13 23-0058		EA	24" x 48" Horizontally Mounted Backdraft Damper	238.55	51.92
23 33 13 23-0059		EA	28" x 6" Horizontally Mounted Backdraft Damper	85.69	17.34
23 33 13 23-0060		EA	28" x 8" Horizontally Mounted Backdraft Damper	102.13	19.00
23 33 13 23-0061		EA	28" x 10" Horizontally Mounted Backdraft Damper	125.58	22.43
23 33 13 23-0062		EA	28" x 12" Horizontally Mounted Backdraft Damper	120.14	25.96
23 33 13 23-0063		EA	28" x 14" Horizontally Mounted Backdraft Damper	132.39	27.63
23 33 13 23-0064		EA	28" x 16" Horizontally Mounted Backdraft Damper	149.80	31.15
23 33 13 23-0065		EA	28" x 18" Horizontally Mounted Backdraft Damper	167.24	34.58
23 33 13 23-0066		EA	28" x 20" Horizontally Mounted Backdraft Damper	174.27	34.58
23 33 13 23-0067		EA	28" x 24" Horizontally Mounted Backdraft Damper	174.58	38.01
23 33 13 23-0068		EA	28" x 28" Horizontally Mounted Backdraft Damper	195.04	41.54
23 33 13 23-0069		EA	28" x 32" Horizontally Mounted Backdraft Damper	215.48	44.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0070	EA	28" x 36" Horizontally Mounted Backdraft Damper	228.20	51.92
23 33 13 23-0071	EA	28" x 40" Horizontally Mounted Backdraft Damper	236.25	51.92
23 33 13 23-0072	EA	28" x 44" Horizontally Mounted Backdraft Damper	254.69	55.35
23 33 13 23-0073	EA	28" x 48" Horizontally Mounted Backdraft Damper	273.12	58.77
23 33 13 23-0074	EA	28" x 52" Horizontally Mounted Backdraft Damper	281.17	58.77
23 33 13 23-0075	EA	28" x 56" Horizontally Mounted Backdraft Damper	285.53	62.20
23 33 13 23-0076	EA	28" x 60" Horizontally Mounted Backdraft Damper	292.56	62.20
23 33 13 23-0077	EA	32" x 6" Horizontally Mounted Backdraft Damper	95.70	19.00
23 33 13 23-0078	EA	32" x 8" Horizontally Mounted Backdraft Damper	120.60	22.43
23 33 13 23-0079	EA	32" x 10" Horizontally Mounted Backdraft Damper	139.06	24.20
23 33 13 23-0080	EA	32" x 12" Horizontally Mounted Backdraft Damper	131.38	27.63
23 33 13 23-0081	EA	32" x 14" Horizontally Mounted Backdraft Damper	149.80	31.15
23 33 13 23-0082	EA	32" x 16" Horizontally Mounted Backdraft Damper	168.24	34.58
23 33 13 23-0083	EA	32" x 18" Horizontally Mounted Backdraft Damper	155.58	34.58
23 33 13 23-0084	EA	32" x 20" Horizontally Mounted Backdraft Damper	171.72	38.01
23 33 13 23-0085	EA	32" x 24" Horizontally Mounted Backdraft Damper	193.61	41.54
23 33 13 23-0086	EA	32" x 28" Horizontally Mounted Backdraft Damper	215.48	44.97
23 33 13 23-0087	EA	32" x 32" Horizontally Mounted Backdraft Damper	229.35	51.92
23 33 13 23-0088	EA	32" x 36" Horizontally Mounted Backdraft Damper	238.55	51.92
23 33 13 23-0089	EA	32" x 40" Horizontally Mounted Backdraft Damper	258.14	55.35
23 33 13 23-0090	EA	32" x 44" Horizontally Mounted Backdraft Damper	277.72	58.77
23 33 13 23-0091	EA	32" x 48" Horizontally Mounted Backdraft Damper	283.51	62.20
23 33 13 23-0092	EA	32" x 52" Horizontally Mounted Backdraft Damper	291.56	62.20
23 33 13 23-0093	EA	32" x 56" Horizontally Mounted Backdraft Damper	309.99	65.74
23 33 13 23-0094	EA	32" x 60" Horizontally Mounted Backdraft Damper	318.04	65.74
23 33 13 23-0095	EA	32" x 64" Horizontally Mounted Backdraft Damper	318.08	69.16
23 33 13 23-0096	EA	32" x 68" Horizontally Mounted Backdraft Damper	324.97	69.16
23 33 13 23-0097	EA	32" x 72" Horizontally Mounted Backdraft Damper	342.25	72.58
23 33 13 23-0098	EA	36" x 6" Horizontally Mounted Backdraft Damper	100.52	19.00
23 33 13 23-0099	EA	36" x 8" Horizontally Mounted Backdraft Damper	132.42	24.20
23 33 13 23-0100	EA	36" x 10" Horizontally Mounted Backdraft Damper	128.37	27.63
23 33 13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	147.79	31.15
23 33 13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	167.24	34.58
23 33 13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	155.58	34.58
23 33 13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	172.43	38.01
23 33 13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	189.29	41.54
23 33 13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	212.61	44.97
23 33 13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	228.20	51.92
23 33 13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	238.55	51.92
23 33 13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	259.29	55.35
23 33 13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	280.02	58.77
23 33 13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	286.52	62.20
23 33 13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	305.96	65.74
23 33 13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	315.02	65.74
23 33 13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	316.35	69.16
23 33 13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	324.11	69.16
23 33 13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	342.25	72.58
23 33 13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	350.01	72.58
23 33 13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	357.78	72.58
23 33 13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	110.55	20.77
23 33 13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	144.25	25.96
23 33 13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	133.40	27.63
23 33 13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	153.83	31.15
23 33 13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	174.27	34.58
23 33 13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	171.72	38.01
23 33 13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	189.29	41.54
23 33 13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	206.85	44.97
23 33 13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	214.38	48.40
23 33 13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	236.25	51.92
23 33 13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	258.14	55.35
23 33 13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	280.02	58.77
23 33 13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	287.53	62.20
23 33 13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	307.97	65.74
23 33 13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	318.04	65.74
23 33 13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	315.49	69.16
23 33 13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	122.26	22.43
23 33 13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	127.36	27.63
23 33 13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	148.80	31.15
23 33 13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	170.25	34.58
23 33 13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	169.56	38.01
23 33 13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	187.85	41.54
23 33 13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	195.76	41.54
23 33 13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	214.04	44.97
23 33 13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	231.65	51.92
23 33 13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	254.69	55.35
23 33 13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	277.72	58.77
23 33 13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	286.52	62.20
23 33 13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	307.97	65.74
23 33 13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	319.04	65.74
23 33 13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	321.53	69.16
23 33 13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	326.27	69.16
23 33 13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	132.42	24.20
23 33 13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	131.38	27.63
23 33 13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	153.83	31.15
23 33 13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	155.58	34.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0155	EA	48" x 14" Horizontally Mounted Backdraft Damper	174.58	38.01
23 33 13 23-0156	EA	48" x 16" Horizontally Mounted Backdraft Damper	193.61	41.54
23 33 13 23-0157	EA	48" x 18" Horizontally Mounted Backdraft Damper	212.61	44.97
23 33 13 23-0158	EA	48" x 20" Horizontally Mounted Backdraft Damper	214.38	48.40
23 33 13 23-0159	EA	48" x 24" Horizontally Mounted Backdraft Damper	238.55	51.92
23 33 13 23-0160	EA	48" x 28" Horizontally Mounted Backdraft Damper	273.12	58.77
23 33 13 23-0161	EA	48" x 32" Horizontally Mounted Backdraft Damper	283.51	62.20
23 33 13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	305.96	65.74
23 33 13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	318.04	65.74
23 33 13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	321.53	69.16
23 33 13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	342.25	72.58
23 33 13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	347.43	72.58
23 33 13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	134.91	24.20
23 33 13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	143.77	31.15
23 33 13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	166.74	34.58
23 33 13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	168.12	38.01
23 33 13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	187.49	41.54
23 33 13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	206.85	44.97
23 33 13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	226.23	48.40
23 33 13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	227.62	51.92
23 33 13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	252.39	55.35
23 33 13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	277.14	58.77
23 33 13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	287.53	62.20
23 33 13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	310.49	65.74
23 33 13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	315.49	69.16
23 33 13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	326.27	69.16
23 33 13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	347.43	72.58
23 33 13 23-0182	EA	50" x 50" Horizontally Mounted Backdraft Damper	352.82	72.58

23 33 13 23-0183 Vertically Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

23 33 13 23-0184	EA	6" x 6" Vertically Mounted Backdraft Damper	60.43	11.53
23 33 13 23-0185	EA	8" x 6" Vertically Mounted Backdraft Damper	70.61	12.04
23 33 13 23-0186	EA	10" x 6" Vertically Mounted Backdraft Damper	72.25	12.15
23 33 13 23-0187	EA	8" x 8" Vertically Mounted Backdraft Damper	74.64	12.15
23 33 13 23-0188	EA	12" x 6" Vertically Mounted Backdraft Damper	80.48	12.47
23 33 13 23-0189	EA	10" x 8" Vertically Mounted Backdraft Damper	89.42	13.81
23 33 13 23-0190	EA	14" x 6" Vertically Mounted Backdraft Damper	87.66	12.47
23 33 13 23-0191	EA	12" x 8" Vertically Mounted Backdraft Damper	99.00	13.81
23 33 13 23-0192	EA	16" x 6" Vertically Mounted Backdraft Damper	101.07	14.54
23 33 13 23-0193	EA	10" x 10" Vertically Mounted Backdraft Damper	106.58	15.57
23 33 13 23-0194	EA	18" x 6" Vertically Mounted Backdraft Damper	86.71	13.19
23 33 13 23-0195	EA	14" x 8" Vertically Mounted Backdraft Damper	92.61	14.54
23 33 13 23-0196	EA	12" x 10" Vertically Mounted Backdraft Damper	99.23	15.57
23 33 13 23-0197	EA	20" x 6" Vertically Mounted Backdraft Damper	104.42	17.34
23 33 13 23-0198	EA	16" x 8" Vertically Mounted Backdraft Damper	113.11	19.00
23 33 13 23-0199	EA	14" x 10" Vertically Mounted Backdraft Damper	102.79	13.81
23 33 13 23-0200	EA	12" x 12" Vertically Mounted Backdraft Damper	109.73	15.57
23 33 13 23-0201	EA	18" x 8" Vertically Mounted Backdraft Damper	102.07	17.34
23 33 13 23-0202	EA	24" x 6" Vertically Mounted Backdraft Damper	102.07	17.34
23 33 13 23-0203	EA	16" x 10" Vertically Mounted Backdraft Damper	112.82	19.00
23 33 13 23-0204	EA	20" x 8" Vertically Mounted Backdraft Damper	118.02	20.77
23 33 13 23-0205	EA	14" x 12" Vertically Mounted Backdraft Damper	102.11	14.54
23 33 13 23-0206	EA	28" x 6" Vertically Mounted Backdraft Damper	105.23	15.57
23 33 13 23-0207	EA	18" x 10" Vertically Mounted Backdraft Damper	114.59	17.34
23 33 13 23-0208	EA	16" x 12" Vertically Mounted Backdraft Damper	123.96	19.00
23 33 13 23-0209	EA	24" x 8" Vertically Mounted Backdraft Damper	129.16	20.77
23 33 13 23-0210	EA	32" x 6" Vertically Mounted Backdraft Damper	134.35	22.43
23 33 13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	146.13	25.96
23 33 13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	147.89	27.63
23 33 13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	163.44	31.15
23 33 13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	116.72	15.57
23 33 13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	124.51	17.34
23 33 13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	129.70	19.00
23 33 13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	140.07	20.77
23 33 13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	145.26	22.43
23 33 13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	150.45	24.20
23 33 13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	164.74	27.63
23 33 13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	166.03	27.63
23 33 13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	176.40	31.15
23 33 13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	189.38	34.58
23 33 13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	204.95	38.01
23 33 13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	215.34	41.54
23 33 13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	145.24	17.34
23 33 13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	150.43	19.00
23 33 13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	155.63	20.77
23 33 13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	160.82	22.43
23 33 13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	175.09	25.96
23 33 13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	186.77	27.63
23 33 13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	197.14	31.15
23 33 13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	197.14	31.15
23 33 13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	186.79	34.58
23 33 13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	185.65	38.01
23 33 13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	196.04	41.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	209.82	44.97
23 33 13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	221.91	48.40
23 33 13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	232.29	51.92
23 33 13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	232.29	51.92
23 33 13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	133.56	17.34
23 33 13 23-0242	EA	32" x 12" Vertically Mounted Backdraft Damper	138.75	19.00
23 33 13 23-0243	EA	48" x 8" Vertically Mounted Backdraft Damper	149.14	22.43
23 33 13 23-0244	EA	28" x 14" Vertically Mounted Backdraft Damper	161.22	25.96
23 33 13 23-0245	EA	20" x 20" Vertically Mounted Backdraft Damper	168.12	27.63
23 33 13 23-0246	EA	40" x 10" Vertically Mounted Backdraft Damper	178.49	31.15
23 33 13 23-0247	EA	50" x 8" Vertically Mounted Backdraft Damper	188.88	34.58
23 33 13 23-0248	EA	18" x 24" Vertically Mounted Backdraft Damper	195.68	34.58
23 33 13 23-0249	EA	24" x 18" Vertically Mounted Backdraft Damper	206.06	38.01
23 33 13 23-0250	EA	36" x 12" Vertically Mounted Backdraft Damper	216.45	41.54
23 33 13 23-0251	EA	44" x 10" Vertically Mounted Backdraft Damper	228.53	44.97
23 33 13 23-0252	EA	28" x 16" Vertically Mounted Backdraft Damper	251.01	51.92
23 33 13 23-0253	EA	32" x 14" Vertically Mounted Backdraft Damper	251.01	51.92
23 33 13 23-0254	EA	20" x 24" Vertically Mounted Backdraft Damper	269.05	55.35
23 33 13 23-0255	EA	24" x 20" Vertically Mounted Backdraft Damper	263.76	58.77
23 33 13 23-0256	EA	40" x 12" Vertically Mounted Backdraft Damper	263.76	58.77
23 33 13 23-0257	EA	48" x 10" Vertically Mounted Backdraft Damper	274.15	62.20
23 33 13 23-0258	EA	50" x 10" Vertically Mounted Backdraft Damper	277.79	62.20
23 33 13 23-0259	EA	28" x 18" Vertically Mounted Backdraft Damper	148.70	19.00
23 33 13 23-0260	EA	36" x 14" Vertically Mounted Backdraft Damper	159.09	22.43
23 33 13 23-0261	EA	32" x 16" Vertically Mounted Backdraft Damper	165.74	24.20
23 33 13 23-0262	EA	44" x 12" Vertically Mounted Backdraft Damper	179.03	27.63
23 33 13 23-0263	EA	20" x 28" Vertically Mounted Backdraft Damper	195.22	31.15
23 33 13 23-0264	EA	28" x 20" Vertically Mounted Backdraft Damper	205.61	34.58
23 33 13 23-0265	EA	40" x 14" Vertically Mounted Backdraft Damper	205.61	34.58
23 33 13 23-0266	EA	24" x 24" Vertically Mounted Backdraft Damper	218.89	38.01
23 33 13 23-0267	EA	32" x 18" Vertically Mounted Backdraft Damper	229.28	41.54
23 33 13 23-0268	EA	36" x 16" Vertically Mounted Backdraft Damper	239.66	44.97
23 33 13 23-0269	EA	48" x 12" Vertically Mounted Backdraft Damper	260.43	51.92
23 33 13 23-0270	EA	50" x 12" Vertically Mounted Backdraft Damper	264.80	51.92
23 33 13 23-0271	EA	44" x 14" Vertically Mounted Backdraft Damper	278.10	55.35
23 33 13 23-0272	EA	20" x 32" Vertically Mounted Backdraft Damper	292.84	58.77
23 33 13 23-0273	EA	32" x 20" Vertically Mounted Backdraft Damper	303.23	62.20
23 33 13 23-0274	EA	40" x 16" Vertically Mounted Backdraft Damper	303.23	62.20
23 33 13 23-0275	EA	36" x 18" Vertically Mounted Backdraft Damper	315.06	65.74
23 33 13 23-0276	EA	24" x 28" Vertically Mounted Backdraft Damper	320.15	65.74
23 33 13 23-0277	EA	28" x 24" Vertically Mounted Backdraft Damper	320.01	69.16
23 33 13 23-0278	EA	48" x 14" Vertically Mounted Backdraft Damper	320.01	69.16
23 33 13 23-0279	EA	50" x 14" Vertically Mounted Backdraft Damper	335.07	72.58
23 33 13 23-0280	EA	44" x 16" Vertically Mounted Backdraft Damper	174.77	19.00
23 33 13 23-0281	EA	20" x 36" Vertically Mounted Backdraft Damper	193.03	24.20
23 33 13 23-0282	EA	36" x 20" Vertically Mounted Backdraft Damper	203.42	27.63
23 33 13 23-0283	EA	40" x 18" Vertically Mounted Backdraft Damper	213.79	31.15
23 33 13 23-0284	EA	24" x 32" Vertically Mounted Backdraft Damper	232.20	34.58
23 33 13 23-0285	EA	32" x 24" Vertically Mounted Backdraft Damper	232.20	34.58
23 33 13 23-0286	EA	48" x 16" Vertically Mounted Backdraft Damper	242.58	38.01
23 33 13 23-0287	EA	28" x 28" Vertically Mounted Backdraft Damper	255.65	41.54
23 33 13 23-0288	EA	44" x 18" Vertically Mounted Backdraft Damper	267.36	44.97
23 33 13 23-0289	EA	40" x 20" Vertically Mounted Backdraft Damper	289.47	51.92
23 33 13 23-0290	EA	50" x 16" Vertically Mounted Backdraft Damper	289.47	51.92
23 33 13 23-0291	EA	24" x 36" Vertically Mounted Backdraft Damper	310.56	55.35
23 33 13 23-0292	EA	36" x 24" Vertically Mounted Backdraft Damper	320.94	58.77
23 33 13 23-0293	EA	48" x 18" Vertically Mounted Backdraft Damper	331.33	62.20
23 33 13 23-0294	EA	44" x 20" Vertically Mounted Backdraft Damper	344.38	65.74
23 33 13 23-0295	EA	28" x 32" Vertically Mounted Backdraft Damper	347.06	65.74
23 33 13 23-0296	EA	32" x 28" Vertically Mounted Backdraft Damper	357.45	69.16
23 33 13 23-0297	EA	50" x 18" Vertically Mounted Backdraft Damper	358.11	69.16
23 33 13 23-0298	EA	24" x 40" Vertically Mounted Backdraft Damper	378.52	72.58
23 33 13 23-0299	EA	40" x 24" Vertically Mounted Backdraft Damper	378.52	72.58
23 33 13 23-0300	EA	48" x 20" Vertically Mounted Backdraft Damper	378.52	72.58
23 33 13 23-0301	EA	50" x 20" Vertically Mounted Backdraft Damper	229.45	20.77
23 33 13 23-0302	EA	28" x 36" Vertically Mounted Backdraft Damper	246.35	25.96
23 33 13 23-0303	EA	36" x 28" Vertically Mounted Backdraft Damper	251.55	27.63
23 33 13 23-0304	EA	32" x 32" Vertically Mounted Backdraft Damper	264.60	31.15
23 33 13 23-0305	EA	24" x 44" Vertically Mounted Backdraft Damper	261.26	34.58
23 33 13 23-0306	EA	44" x 24" Vertically Mounted Backdraft Damper	271.64	38.01
23 33 13 23-0307	EA	28" x 40" Vertically Mounted Backdraft Damper	291.56	41.54
23 33 13 23-0308	EA	40" x 28" Vertically Mounted Backdraft Damper	301.94	44.97
23 33 13 23-0309	EA	24" x 48" Vertically Mounted Backdraft Damper	317.11	48.40
23 33 13 23-0310	EA	32" x 36" Vertically Mounted Backdraft Damper	327.49	51.92
23 33 13 23-0311	EA	36" x 32" Vertically Mounted Backdraft Damper	337.88	55.35
23 33 13 23-0312	EA	48" x 24" Vertically Mounted Backdraft Damper	348.26	58.77
23 33 13 23-0313	EA	50" x 24" Vertically Mounted Backdraft Damper	365.80	62.20
23 33 13 23-0314	EA	28" x 44" Vertically Mounted Backdraft Damper	380.94	65.74
23 33 13 23-0315	EA	44" x 28" Vertically Mounted Backdraft Damper	380.94	65.74
23 33 13 23-0316	EA	32" x 40" Vertically Mounted Backdraft Damper	398.50	69.16
23 33 13 23-0317	EA	40" x 32" Vertically Mounted Backdraft Damper	258.31	22.43
23 33 13 23-0318	EA	36" x 36" Vertically Mounted Backdraft Damper	276.27	27.63
23 33 13 23-0319	EA	28" x 48" Vertically Mounted Backdraft Damper	293.79	31.15
23 33 13 23-0320	EA	48" x 28" Vertically Mounted Backdraft Damper	304.18	34.58
23 33 13 23-0321	EA	50" x 28" Vertically Mounted Backdraft Damper	322.91	38.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0322	EA	32" x 44" Vertically Mounted Backdraft Damper	334.49	41.54
23 33 13 23-0323	EA	44" x 32" Vertically Mounted Backdraft Damper	334.49	41.54
23 33 13 23-0324	EA	36" x 40" Vertically Mounted Backdraft Damper	350.24	44.97
23 33 13 23-0325	EA	40" x 36" Vertically Mounted Backdraft Damper	348.95	51.92
23 33 13 23-0326	EA	28" x 52" Vertically Mounted Backdraft Damper	361.48	55.35
23 33 13 23-0327	EA	32" x 48" Vertically Mounted Backdraft Damper	382.59	58.77
23 33 13 23-0328	EA	48" x 32" Vertically Mounted Backdraft Damper	392.98	62.20
23 33 13 23-0329	EA	28" x 56" Vertically Mounted Backdraft Damper	407.66	65.74
23 33 13 23-0330	EA	36" x 44" Vertically Mounted Backdraft Damper	409.81	65.74
23 33 13 23-0331	EA	44" x 36" Vertically Mounted Backdraft Damper	420.20	69.16
23 33 13 23-0332	EA	40" x 40" Vertically Mounted Backdraft Damper	422.34	69.16
23 33 13 23-0333	EA	50" x 32" Vertically Mounted Backdraft Damper	287.34	24.20
23 33 13 23-0334	EA	32" x 52" Vertically Mounted Backdraft Damper	306.32	27.63
23 33 13 23-0335	EA	28" x 60" Vertically Mounted Backdraft Damper	318.83	31.15
23 33 13 23-0336	EA	36" x 48" Vertically Mounted Backdraft Damper	335.67	34.58
23 33 13 23-0337	EA	48" x 36" Vertically Mounted Backdraft Damper	346.05	38.01
23 33 13 23-0338	EA	40" x 44" Vertically Mounted Backdraft Damper	360.73	41.54
23 33 13 23-0339	EA	44" x 40" Vertically Mounted Backdraft Damper	371.11	44.97
23 33 13 23-0340	EA	32" x 56" Vertically Mounted Backdraft Damper	385.79	48.40
23 33 13 23-0341	EA	50" x 36" Vertically Mounted Backdraft Damper	370.41	51.92
23 33 13 23-0342	EA	36" x 52" Vertically Mounted Backdraft Damper	399.77	58.77
23 33 13 23-0343	EA	32" x 60" Vertically Mounted Backdraft Damper	415.88	62.20
23 33 13 23-0344	EA	40" x 48" Vertically Mounted Backdraft Damper	426.26	65.74
23 33 13 23-0345	EA	48" x 40" Vertically Mounted Backdraft Damper	426.26	65.74
23 33 13 23-0346	EA	44" x 44" Vertically Mounted Backdraft Damper	438.56	69.16
23 33 13 23-0347	EA	40" x 50" Vertically Mounted Backdraft Damper	456.58	72.58
23 33 13 23-0348	EA	50" x 40" Vertically Mounted Backdraft Damper	456.58	72.58
23 33 13 23-0349	EA	36" x 56" Vertically Mounted Backdraft Damper	313.10	24.20
23 33 13 23-0350	EA	32" x 64" Vertically Mounted Backdraft Damper	337.68	31.15
23 33 13 23-0351	EA	44" x 48" Vertically Mounted Backdraft Damper	355.70	34.58
23 33 13 23-0352	EA	48" x 44" Vertically Mounted Backdraft Damper	366.08	38.01
23 33 13 23-0353	EA	36" x 60" Vertically Mounted Backdraft Damper	382.20	41.54
23 33 13 23-0354	EA	32" x 68" Vertically Mounted Backdraft Damper	394.49	44.97
23 33 13 23-0355	EA	44" x 50" Vertically Mounted Backdraft Damper	374.94	48.40
23 33 13 23-0356	EA	50" x 44" Vertically Mounted Backdraft Damper	385.32	51.92
23 33 13 23-0357	EA	32" x 72" Vertically Mounted Backdraft Damper	406.56	55.35
23 33 13 23-0358	EA	36" x 64" Vertically Mounted Backdraft Damper	416.94	58.77
23 33 13 23-0359	EA	48" x 48" Vertically Mounted Backdraft Damper	427.33	62.20
23 33 13 23-0360	EA	48" x 50" Vertically Mounted Backdraft Damper	447.72	65.74
23 33 13 23-0361	EA	50" x 48" Vertically Mounted Backdraft Damper	458.11	69.16
23 33 13 23-0362	EA	36" x 68" Vertically Mounted Backdraft Damper	463.12	69.16
23 33 13 23-0363	EA	50" x 50" Vertically Mounted Backdraft Damper	478.93	72.58
23 33 13 23-0364	EA	36" x 72" Vertically Mounted Backdraft Damper	488.53	72.58

23 33 13 23-0365 Backdraft Damper Accessories *(23 33 13 23)*

23 33 13 23-0366	EA	For Motor Pack For Horizontally Mounted Backdraft Damper	126.59	24.97
23 33 13 23-0367	EA	For Motor Pack For Vertically Mounted Backdraft Damper	196.94	24.97

23 33 13 33 Splitter Damper Hardware *(23 33 13)*

23 33 13 33-0001	EA	Splitter Damper, Hardware	31.55	7.27

23 33 13 43 Blower Check Valve *(23 33 13)*

23 33 13 43-0001 Blower Check Valves With Silicone Seals *(23 33 13 43)*

23 33 13 43-0002	EA	2-1/2" Blower Check Valves, Silicone Seals	170.78	26.79
23 33 13 43-0003	EA	3" Blower Check Valves, Silicone Seals	191.02	30.53
23 33 13 43-0004	EA	4" Blower Check Valves, Silicone Seals	246.10	40.49
23 33 13 43-0005	EA	5" Blower Check Valves, Silicone Seals	334.79	46.73
23 33 13 43-0006	EA	6" Blower Check Valves, Silicone Seals	377.23	56.08
23 33 13 43-0007	EA	8" Blower Check Valves, Silicone Seals	555.14	71.03

23 33 13 43-0008 Blower Check Valves With Viton Seats *(23 33 13 43)*

23 33 13 43-0009	EA	2-1/2" Blower Check Valves, Viton Seats	230.33	26.79
23 33 13 43-0010	EA	3" Blower Check Valves, Viton Seats	261.80	30.53
23 33 13 43-0011	EA	4" Blower Check Valves, Viton Seats	295.38	40.49
23 33 13 43-0012	EA	5" Blower Check Valves, Viton Seats	408.57	46.73
23 33 13 43-0013	EA	6" Blower Check Valves, Viton Seats	458.67	56.08
23 33 13 43-0014	EA	8" Blower Check Valves, Viton Seats	699.21	71.03

23 33 19 Duct Silencers *(23 33)*

23 33 19 00-0001 36" Long Packaged Duct Sound Trap *(23 33 19)*

23 33 19 00-0002	EA	12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	297.35	42.57
23 33 19 00-0003	EA	12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	356.62	48.80
23 33 19 00-0004	EA	12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	459.23	56.06
23 33 19 00-0005	EA	12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	556.14	63.33
23 33 19 00-0006	EA	24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	516.76	63.33
23 33 19 00-0007	EA	24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	653.99	66.45
23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	721.16	70.60
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	790.42	74.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,030.41	85.13
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	651.63	70.60
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	875.14	85.13
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,533.45	114.20
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,693.57	120.44
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,888.77	129.78
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,119.04	141.20

23 33 19 00-0017 60" Long Packaged Duct Sound Trap *(23 33 19)*

23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	331.72	93.44
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	399.01	107.98
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	515.17	124.59
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	623.92	140.16
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	579.15	140.16
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	736.44	148.47
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	809.21	155.73
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	883.54	164.04
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,158.55	186.88
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	730.20	155.73
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	982.11	186.88
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,716.40	246.06
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,913.92	266.82
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,122.73	283.44
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,387.41	311.47

23 33 19 00-0033 84" Long Packaged Duct Sound Trap *(23 33 19)*

23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	284.77	77.87
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	483.79	116.28
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	676.88	170.27
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	381.76	93.44
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	472.75	107.98
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	636.31	124.59
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	748.91	133.93
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	816.85	144.32
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,022.53	155.73
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,206.22	170.27
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	706.24	144.32
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	994.04	150.54
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,083.10	155.73
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,178.49	164.04
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,471.86	176.50
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,595.72	186.88

23 33 23 Turning Vanes *(23 33)*

23 33 23 00-0001 Duct Turning Vane Components *(23 33 23)*

23 33 23 00-0002	LF	Duct Turning Vane Rail	7.16	2.59
		For Stainless Steel, Add	*2.30*	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane	4.82	1.04
		For Stainless Steel, Add	*3.47*	

23 33 23 00-0004 Duct Turning Vane Sets *(23 33 23)*

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets	17.11	3.89
		For Stainless Steel, Add	*15.91*	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets	20.68	4.15
		For Stainless Steel, Add	*20.14*	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets	27.18	4.36
		For Stainless Steel, Add	*28.18*	
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets	33.72	4.68
		For Stainless Steel, Add	*36.24*	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets	37.21	4.99
		For Stainless Steel, Add	*40.27*	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets	46.10	4.68
		For Stainless Steel, Add	*52.35*	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets	56.49	5.50
		For Stainless Steel, Add	*64.44*	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets	60.49	5.75
		For Stainless Steel, Add	*69.29*	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets	67.16	5.98
		For Stainless Steel, Add	*77.60*	

23 33 33 Duct-Mounting Access Doors *(23 33)*

23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication *(23 33 33)*

23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication	87.96	14.53
		For Stainless Steel, Add	*59.12*	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication	94.17	14.53
		For Stainless Steel, Add	*71.54*	
23 33 33 00-0004	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication	97.21	14.53
		For Stainless Steel, Add	*77.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 33 00-0005	EA	12" x 18" Duct Access Doors Insulated Factory Fabrication	126.60	17.65
		For Stainless Steel, Add	*109.44*	
23 33 33 00-0006	EA	16" x 12" Duct Access Doors Insulated Factory Fabrication	127.83	17.65
		For Stainless Steel, Add	*111.90*	
23 33 33 00-0007	EA	18" x 18" Duct Access Doors Insulated Factory Fabrication	157.83	23.88
		For Stainless Steel, Add	*128.78*	
23 33 33 00-0008	EA	24" x 18" Duct Access Doors Insulated Factory Fabrication	186.15	29.07
		For Stainless Steel, Add	*138.68*	
23 33 33 00-0009	EA	24" x 24" Duct Access Doors Insulated Factory Fabrication	240.87	39.45
		For Stainless Steel, Add	*170.28*	

23 33 43 Flexible Connectors *(23 33)*

23 33 43 00-0001	LF	Flex Duct Connector, Fabric/Sheet Metal	11.87	3.12
23 33 43 00-0002	LF	Flex Duct Connector, Rubber Vinyl	11.80	2.81

23 33 46 Flexible Ducts *(23 33)*

23 33 46 00-0001 Flexible Duct, R8.0 Insulated With Metallized Outer Jacket *(23 33 46)*

Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.

23 33 46 00-0002	LF	4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	5.87	1.04
23 33 46 00-0003	LF	5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	6.55	2.07
23 33 46 00-0004	LF	6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	7.51	2.07
23 33 46 00-0005	LF	7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	8.78	2.07
23 33 46 00-0006	LF	8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	10.55	3.12
23 33 46 00-0007	LF	10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	13.56	3.12
23 33 46 00-0008	LF	12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	18.54	4.15
23 33 46 00-0009	LF	14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	23.12	4.15
23 33 46 00-0010	LF	16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner And Metallized Outer Jacket	30.54	5.19

23 33 46 00-0011 Collars, Sheet Metal Spin-In Type With Damper *(23 33 46)*

23 33 46 00-0012	EA	Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	38.56	6.23
		For Stainless Steel, Add	*19.76*	
23 33 46 00-0013	EA	5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	42.10	7.27
		For Stainless Steel, Add	*20.02*	
23 33 46 00-0014	EA	6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	48.12	7.27
		For Stainless Steel, Add	*22.07*	
23 33 46 00-0015	EA	7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	54.90	9.34
		For Stainless Steel, Add	*22.78*	
23 33 46 00-0016	EA	8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	66.51	11.42
		For Stainless Steel, Add	*25.73*	
23 33 46 00-0017	EA	10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	77.79	13.49
		For Stainless Steel, Add	*31.72*	
23 33 46 00-0018	EA	12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	88.58	15.58
		For Stainless Steel, Add	*34.18*	
23 33 46 00-0019	EA	14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	104.56	17.65
		For Stainless Steel, Add	*42.80*	
23 33 46 00-0020	EA	16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	113.89	19.73
		For Stainless Steel, Add	*46.83*	

23 33 53 Duct Liners *(23 33)*

23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation *(23 33 53)*

23 33 53 00-0002	SF	1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	10.60	2.89
23 33 53 00-0003	SF	3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	11.59	2.89
23 33 53 00-0004	SF	1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	12.86	3.84
23 33 53 00-0005	SF	1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	15.74	3.84
23 33 53 00-0006	SF	2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	19.00	4.32
23 33 53 00-0007	SF	1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	10.07	3.12
23 33 53 00-0008	SF	3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	11.02	3.12
23 33 53 00-0009	SF	1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	12.27	4.15
23 33 53 00-0010	SF	1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	14.92	4.15
23 33 53 00-0011	SF	2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	18.07	4.68

23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation *(23 33 53)*

23 33 53 00-0013	SF	1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	2.05	2.49
23 33 53 00-0014	SF	1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket	3.02	2.81
23 33 53 00-0015	SF	1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	2.97	2.81
23 33 53 00-0016	SF	1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket	3.84	2.81
23 33 53 00-0017	SF	1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket	3.19	3.12
23 33 53 00-0018	SF	2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket	3.39	3.43
23 33 53 00-0019	SF	2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket	5.26	3.43

23 33 56 Duct Air Extractors *(23 33)*

23 33 56 00-0001	EA	12" x 4" Duct Air Extractor	45.65	17.13
		For Stainless Steel, Add	*14.81*	
23 33 56 00-0002	EA	8" x 6" Duct Air Extractor	48.77	18.68
		For Stainless Steel, Add	*14.81*	
23 33 56 00-0003	EA	12" x 6" Duct Air Extractor	55.22	19.73
		For Stainless Steel, Add	*20.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 56 00-0004	EA	16" x 6" Duct Air Extractor	61.53	20.76
		For Stainless Steel, Add	*26.00*	
23 33 56 00-0005	EA	24" x 6" Duct Air Extractor	78.70	22.84
		For Stainless Steel, Add	*42.93*	
23 33 56 00-0006	EA	12" x 8" Duct Air Extractor	59.20	20.76
		For Stainless Steel, Add	*22.97*	
23 33 56 00-0007	EA	20" x 8" Duct Air Extractor	77.49	25.95
		For Stainless Steel, Add	*33.25*	
23 33 56 00-0008	EA	18" x 10" Duct Air Extractor	84.29	29.58
		For Stainless Steel, Add	*32.64*	
23 33 56 00-0009	EA	24" x 10" Duct Air Extractor	102.12	34.77
		For Stainless Steel, Add	*42.33*	
23 33 56 00-0010	EA	24" x 12" Duct Air Extractor	117.94	41.53
		For Stainless Steel, Add	*45.34*	
23 33 56 00-0011	EA	30" x 12" Duct Air Extractor	147.54	51.91
		For Stainless Steel, Add	*56.84*	

23 33 59 Duct Pressure Relief Doors *(23 33)*

23 33 59 00-0001 Duct Pressure Relief Doors *(23 33 59)*

23 33 59 00-0002	EA	18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	749.27	31.14
23 33 59 00-0003	EA	24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	616.05	25.95
23 33 59 00-0004	EA	24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	613.94	28.55

23 34 HVAC Fans *(23 30)*

23 34 13 Axial HVAC Fans *(23 34)*

23 34 13 00-0001 Tube-Axial Fans *(23 34 13)*

23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure	1,297.28	318.33
		For 1/4" Static Pressure, Add	*52.80*	
		For 3/8" Static Pressure, Add	*105.60*	
		For 1/2" Static Pressure, Add	*145.20*	
23 34 13 00-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure	1,344.42	319.29
		For 1/4" Static Pressure, Add	*56.57*	
		For 3/8" Static Pressure, Add	*113.14*	
		For 1/2" Static Pressure, Add	*155.57*	
23 34 13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure	1,438.70	318.33
		For 1/4" Static Pressure, Add	*64.11*	
		For 3/8" Static Pressure, Add	*128.22*	
		For 1/2" Static Pressure, Add	*176.31*	
23 34 13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure	1,532.98	319.29
		For 1/4" Static Pressure, Add	*71.65*	
		For 3/8" Static Pressure, Add	*143.31*	
		For 1/2" Static Pressure, Add	*197.05*	
23 34 13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure	1,801.87	382.38
		For 1/4" Static Pressure, Add	*82.97*	
		For 3/8" Static Pressure, Add	*165.94*	
		For 1/2" Static Pressure, Add	*228.16*	
23 34 13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure	2,056.93	415.84
		For 1/4" Static Pressure, Add	*98.05*	
		For 3/8" Static Pressure, Add	*196.11*	
		For 1/2" Static Pressure, Add	*269.65*	
23 34 13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure	2,183.24	455.03
		For 1/4" Static Pressure, Add	*101.82*	
		For 3/8" Static Pressure, Add	*203.65*	
		For 1/2" Static Pressure, Add	*280.02*	
23 34 13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure	2,464.46	477.97
		For 1/4" Static Pressure, Add	*120.68*	
		For 3/8" Static Pressure, Add	*241.36*	
		For 1/2" Static Pressure, Add	*331.87*	
23 34 13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure	2,986.30	597.47
		For 1/4" Static Pressure, Add	*143.31*	
		For 3/8" Static Pressure, Add	*286.62*	
		For 1/2" Static Pressure, Add	*394.10*	
23 34 13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure	3,348.81	637.62
		For 1/4" Static Pressure, Add	*165.94*	
		For 3/8" Static Pressure, Add	*331.87*	
		For 1/2" Static Pressure, Add	*456.33*	
23 34 13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure	3,922.03	735.13
		For 1/4" Static Pressure, Add	*196.11*	
		For 3/8" Static Pressure, Add	*392.21*	
		For 1/2" Static Pressure, Add	*539.29*	

23 34 13 00-0014 Belt Drive Tube-Axial Duct Fans *(23 34 13 00-0001)*

23 34 13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure	1,234.17	308.77
		For 1/4" Static Pressure, Add	*49.39*	
		For 3/8" Static Pressure, Add	*98.79*	
		For 1/2" Static Pressure, Add	*135.83*	
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure	1,303.48	319.29
		For 1/4" Static Pressure, Add	*53.29*	
		For 3/8" Static Pressure, Add	*106.59*	
		For 1/2" Static Pressure, Add	*146.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure	1,347.12	329.80
		For 1/4" Static Pressure, Add	*55.03*	
		For 3/8" Static Pressure, Add	*110.05*	
		For 1/2" Static Pressure, Add	*151.32*	
23 34 13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure	1,421.21	341.28
		For 1/4" Static Pressure, Add	*59.07*	
		For 3/8" Static Pressure, Add	*118.14*	
		For 1/2" Static Pressure, Add	*162.45*	
23 34 13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure	1,583.71	354.65
		For 1/4" Static Pressure, Add	*70.05*	
		For 3/8" Static Pressure, Add	*140.10*	
		For 1/2" Static Pressure, Add	*192.63*	
23 34 13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure	1,666.90	368.04
		For 1/4" Static Pressure, Add	*74.52*	
		For 3/8" Static Pressure, Add	*149.05*	
		For 1/2" Static Pressure, Add	*204.94*	
23 34 13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure	1,847.97	382.38
		For 1/4" Static Pressure, Add	*86.66*	
		For 3/8" Static Pressure, Add	*173.31*	
		For 1/2" Static Pressure, Add	*238.31*	
23 34 13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure	2,054.15	382.38
		For 1/4" Static Pressure, Add	*103.25*	
		For 3/8" Static Pressure, Add	*206.50*	
		For 1/2" Static Pressure, Add	*283.94*	
23 34 13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure	2,364.37	415.84
		For 1/4" Static Pressure, Add	*122.76*	
		For 3/8" Static Pressure, Add	*245.53*	
		For 1/2" Static Pressure, Add	*337.60*	
23 34 13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure	2,809.51	503.78
		For 1/4" Static Pressure, Add	*144.43*	
		For 3/8" Static Pressure, Add	*288.86*	
		For 1/2" Static Pressure, Add	*397.18*	
23 34 13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure	3,159.41	503.78
		For 1/4" Static Pressure, Add	*172.08*	
		For 3/8" Static Pressure, Add	*344.16*	
		For 1/2" Static Pressure, Add	*473.23*	
23 34 13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure	3,463.94	531.50
		For 1/4" Static Pressure, Add	*192.14*	
		For 3/8" Static Pressure, Add	*384.28*	
		For 1/2" Static Pressure, Add	*528.39*	
23 34 13 00-0027	EA	36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	3,772.24	562.10
		For 1/4" Static Pressure, Add	*212.02*	
		For 3/8" Static Pressure, Add	*424.04*	
		For 1/2" Static Pressure, Add	*583.05*	
23 34 13 00-0028	EA	36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	4,354.75	735.13
		For 1/4" Static Pressure, Add	*231.09*	
		For 3/8" Static Pressure, Add	*462.17*	
		For 1/2" Static Pressure, Add	*635.49*	
23 34 13 00-0029	EA	36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure	4,907.82	736.08
		For 1/4" Static Pressure, Add	*275.33*	
		For 3/8" Static Pressure, Add	*550.66*	
		For 1/2" Static Pressure, Add	*757.16*	
23 34 13 00-0030	EA	42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure	5,566.49	868.77
		For 1/4" Static Pressure, Add	*306.78*	
		For 3/8" Static Pressure, Add	*613.55*	
		For 1/2" Static Pressure, Add	*843.63*	

23 34 16 Centrifugal HVAC Fans *(23 34)*

23 34 16 00-0001 Centrifugal Fans *(23 34 16)*

Note: All belt fans to be supplied with belt guard.

23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans *(23 34 16 00-0001)*

Note: V-belt driven.

23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*

Note: Under 30" diameter wheel.

23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0005	EA	1/6 HP Centrifugal Fan, 12-1/4" Wheel, 450 - 1,750 CFM At 1/8" Static Pressure	1,013.60	210.02
23 34 16 00-0006	EA	1/4 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,442.71	217.96
23 34 16 00-0007	EA	1/3 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,485.23	173.69
23 34 16 00-0008	EA	1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,550.85	238.04
23 34 16 00-0009	EA	3/4 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,590.02	252.37
23 34 16 00-0010	EA	1 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,641.21	262.89
23 34 16 00-0011	EA	1-1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,693.64	280.09

23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,660.54	229.43
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,691.17	238.04
23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,747.82	252.37
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,781.26	262.89
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,842.83	280.09
23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	1,903.44	293.48

23 34 16 00-0019 15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	1,673.67	238.04
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	1,712.81	252.37
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	1,763.75	262.89
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	1,807.81	280.09
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	1,862.60	293.48
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	1,939.69	315.47
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	1,999.86	331.71
23 34 16 00-0027		16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	1,914.13	252.37
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	1,983.25	262.89
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,060.57	280.09
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,101.77	293.48
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,156.53	315.47
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,203.11	331.71
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,445.63	360.39
23 34 16 00-0035		18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	1,978.20	262.89
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,026.62	280.09
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,090.17	293.48
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,141.02	315.47
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,209.93	331.71
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,314.34	360.39
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,382.45	382.38
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,484.65	420.62
23 34 16 00-0044		20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,000.37	280.09
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,063.90	293.48
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,141.02	315.47
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,209.93	331.71
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,340.59	360.39
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,521.23	382.38
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,650.46	420.62
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,783.51	450.25
23 34 16 00-0053		22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,399.43	293.48
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,446.17	315.47
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,508.98	331.71
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,588.59	360.39
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,692.43	382.38
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,730.68	420.62
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,801.02	450.25
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,926.71	504.74
23 34 16 00-0062		24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	2,882.09	315.47
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	2,979.55	360.39
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,073.92	382.38
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,175.63	420.62
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,264.91	450.25
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,346.85	504.74
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,457.12	548.71
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,713.09	630.92
23 34 16 00-0071		27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*		
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,191.71	331.71
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,292.75	382.38
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,394.45	420.62
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,483.74	450.25
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,609.44	504.74
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,719.44	548.71
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,994.01	630.92
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,038.14	700.71
23 34 16 00-0080		Large Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)* Note: Over 30" diameter wheel.		
23 34 16 00-0081		30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	4,466.68	420.62
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	4,552.53	450.25
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	4,686.05	504.74
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	4,804.79	548.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	4,982.26	630.92
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,140.99	700.71
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,405.96	841.24
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,650.05	970.29
23 34 16 00-0090		33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	5,234.32	450.25
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	5,403.78	504.74
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	5,557.81	548.71
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	5,770.03	630.92
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	5,963.78	700.71
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,263.74	841.24
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,595.71	970.29
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,076.10	1,261.86
23 34 16 00-0099		36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure *(23 34 16 00-0080)*		
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	4,351.23	504.74
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	4,417.73	548.71
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	4,542.41	630.92
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	4,666.27	700.71
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,308.43	841.24
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,578.87	970.29
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,096.96	1,261.86
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,651.80	1,577.31
23 34 16 00-0108		Kitchen System Fans *(23 34 16 00-0001)*		
23 34 16 00-0109		Upblast Kitchen Exhaust Fans *(23 34 16 00-0108)*		
23 34 16 00-0110		Direct Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*		
		Note: Greenheck CUE.		
23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan	745.30	124.27
		Note: 115V. For roof or wall installations. Includes disconnect switch.		
		For Bird Screen, Add	*28.15*	
		For Backdraft Damper, Add	*81.24*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan	857.13	124.27
		Note: 115V. For roof or wall installations. Includes disconnect switch.		
		For Bird Screen, Add	*28.15*	
		For Backdraft Damper, Add	*81.24*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0113		Belt Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*		
		Note: Greenheck CUBE.		
23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,210.51	124.27
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*28.15*	
		For Wall Mounted Fan, Add	*48.42*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*81.24*	
		For Damper Motor, Add	*124.45*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*81.77*	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,259.05	124.27
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*28.15*	
		For Wall Mounted Fan, Add	*50.36*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*81.24*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,109.94	143.39
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*32.03*	
		For Wall Mounted Fan, Add	*44.40*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*92.02*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0117	EA	14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,179.83	143.39
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	*32.03*	
		For Wall Mounted Fan, Add	*47.19*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*92.02*	
		For Damper Motor, Add	*124.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0118	EA	16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,487.77	167.29
		For Bird Screen, Add	*32.03*	
		For Wall Mounted Fan, Add	*59.51*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*92.02*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0119	EA	16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,562.52	167.29
		For Bird Screen, Add	*32.03*	
		For Wall Mounted Fan, Add	*62.50*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*92.02*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0120	EA	18" Diameter Wheel, 1/2 HP , 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,699.99	179.24
		For Bird Screen, Add	*53.39*	
		For Wall Mounted Fan, Add	*68.00*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*111.80*	
		For Damper Motor, Add	*124.45*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*114.03*	
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP , 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,816.47	179.24
		For Bird Screen, Add	*53.39*	
		For Wall Mounted Fan, Add	*72.66*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*111.80*	
		For Damper Motor, Add	*124.45*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*123.93*	
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	1,853.96	191.19
		For Bird Screen, Add	*53.39*	
		For Wall Mounted Fan, Add	*74.16*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*111.80*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,018.01	191.19
		For Bird Screen, Add	*53.39*	
		For Wall Mounted Fan, Add	*80.72*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*111.80*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,320.12	215.09
		For Bird Screen, Add	*63.10*	
		For Wall Mounted Fan, Add	*92.80*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*121.58*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,470.58	215.09
		For Bird Screen, Add	*63.10*	
		For Wall Mounted Fan, Add	*98.82*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*121.58*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	2,915.40	238.99
		For Bird Screen, Add	*67.95*	
		For Wall Mounted Fan, Add	*116.62*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*134.35*	
		For Damper Motor, Add	*124.45*	
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	2,964.90	238.99
		For Bird Screen, Add	*67.95*	
		For Wall Mounted Fan, Add	*118.60*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*134.35*	
		For Damper Motor, Add	*124.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0128	EA	30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	3,216.31	238.99
		For Bird Screen, Add	*67.95*	
		For Wall Mounted Fan, Add	*128.65*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*134.35*	
		For Damper Motor, Add	*124.45*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*232.76*	
23 34 16 00-0129	EA	30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	3,337.65	238.99
		For Bird Screen, Add	*67.95*	
		For Wall Mounted Fan, Add	*133.51*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Backdraft Damper, Add	*134.35*	
		For Damper Motor, Add	*124.45*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*243.07*	
23 34 16 00-0130	EA	36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	3,674.87	262.89
		For Bird Screen, Add	*77.66*	
		For Wall Mounted Fan, Add	*146.99*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Damper Motor, Add	*124.45*	
		For Backdraft Damper, Add	*155.28*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*267.67*	
23 34 16 00-0131	EA	36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	3,814.40	262.89
		For Bird Screen, Add	*77.66*	
		For Wall Mounted Fan, Add	*152.58*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Damper Motor, Add	*124.45*	
		For Backdraft Damper, Add	*155.28*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*279.53*	
23 34 16 00-0132	EA	42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	3,866.10	286.79
		For Bird Screen, Add	*77.66*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Damper Motor, Add	*124.45*	
		For Backdraft Damper, Add	*177.59*	
23 34 16 00-0133	EA	42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	4,172.45	286.79
		For Bird Screen, Add	*77.66*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Damper Motor, Add	*124.45*	
		For Backdraft Damper, Add	*177.59*	

23 34 16 00-0134 Untempered Kitchen Make-Up Air Fans *(23 34 16 00-0108)*

Note: Roof mounted with downblast discharge, weatherhood and filter.

23 34 16 00-0135 Direct Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*

23 34 16 00-0136	EA	7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	848.53	124.27
23 34 16 00-0137	EA	8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	886.53	124.27
23 34 16 00-0138	EA	9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	933.15	124.27

23 34 16 00-0139 Belt Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*

23 34 16 00-0140	EA	9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	951.23	124.27
23 34 16 00-0141	EA	10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,089.18	167.29
23 34 16 00-0142	EA	12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,304.54	191.19
23 34 16 00-0143	EA	15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,526.33	238.99
23 34 16 00-0144	EA	18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,845.14	286.79

23 34 16 00-0145 Replacement Parts *(23 34 16 00-0001)*

23 34 16 00-0146 Replace Belts And Accessories *(23 34 16 00-0145)*

23 34 16 00-0147	EA	Fan Shaft Bearing, Replacement	694.42	319.79
23 34 16 00-0148	EA	Fan Belt, Replacement	108.77	43.39

23 34 16 00-0149 Corrosive Fume Resistant Plastic *(23 34 16 00-0001)*

23 34 16 00-0150 Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure *(23 34 16 00-0149)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0151	EA	250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	3,704.87	172.86
		For Explosion Proof Motor, Add	*503.87*	
23 34 16 00-0152	EA	895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	4,036.19	207.65
		For Explosion Proof Motor, Add	*543.14*	
23 34 16 00-0153	EA	1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	4,794.40	259.55
		For Explosion Proof Motor, Add	*641.29*	
23 34 16 00-0154	EA	2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	5,185.98	346.25
		For Explosion Proof Motor, Add	*674.01*	
23 34 16 00-0155	EA	3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	6,011.52	519.12
		For Explosion Proof Motor, Add	*745.99*	
23 34 16 00-0156	EA	11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	10,452.52	1,038.23
		For Explosion Proof Motor, Add	*1,256.41*	
23 34 16 00-0157	EA	18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	15,226.98	1,484.15
		For Explosion Proof Motor, Add	*1,838.81*	

23 34 16 00-0158 Utility Set, Centrifugal, Belt Drive *(23 34 16 00-0149)*

23 34 16 00-0159	EA	1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,704.87	172.86
		For Explosion Proof Motor, Add	*503.87*	
23 34 16 00-0160	EA	1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,818.07	207.65
		For Explosion Proof Motor, Add	*510.42*	
23 34 16 00-0161	EA	1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	3,921.90	259.55
		For Explosion Proof Motor, Add	*510.42*	
23 34 16 00-0162	EA	2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	4,095.35	346.25
		For Explosion Proof Motor, Add	*510.42*	
23 34 16 00-0163	EA	3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	5,662.51	519.12
		For Explosion Proof Motor, Add	*693.64*	
23 34 16 00-0164	EA	4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	5,922.07	648.89
		For Explosion Proof Motor, Add	*693.64*	
23 34 16 00-0165	EA	4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,109.35	742.54
		For Explosion Proof Motor, Add	*693.64*	
23 34 16 00-0166	EA	6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,268.88	778.67
		For Explosion Proof Motor, Add	*706.73*	
23 34 16 00-0167	EA	7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,485.54	865.16
		For Explosion Proof Motor, Add	*713.27*	

23 34 16 00-0168 In-Line Duct Fans *(23 34 16 00-0001)*

23 34 16 00-0169 Direct Drive In-Line Duct Fans *(23 34 16 00-0168)*

Note: Greenheck SQ.

23 34 16 00-0170	EA	Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	952.92	124.27
23 34 16 00-0171	EA	13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,201.59	133.83
23 34 16 00-0172	EA	14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,315.42	143.39

23 34 16 00-0173 Belt Drive In-Line Duct Fans *(23 34 16 00-0168)*

Note: Greenheck BSQ.

23 34 16 00-0174	EA	Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,370.21	143.39
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0175	EA	13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,576.44	167.29
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0176	EA	13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,759.30	167.29
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0177	EA	13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,914.75	167.29
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0178	EA	16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	1,883.34	191.19
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0179	EA	16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,146.60	191.19
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0180	EA	24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,728.80	238.99
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0181	EA	24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	2,874.13	238.99
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0182	EA	24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch.	2,976.58	238.99
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0183	EA	30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	3,449.26	286.79
		For Totally Enclosed Motor, Add	*85.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0184	EA	30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	3,571.53	286.79
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0185	EA	30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	3,721.80	286.79
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0186		In-Line Cabinet Fans *(23 34 16 00-0001)*		
23 34 16 00-0187	EA	950 CFM, 80 Watts, Direct Drive In-Line Cabinet Fan	306.94	83.65
23 34 16 00-0188	EA	1,050 CFM, 129 Watts, Direct Drive In-Line Cabinet Fan	321.64	83.65
23 34 16 00-0189	EA	1,100 CFM, 173 Watts, Direct Drive In-Line Cabinet Fan	341.59	83.65
23 34 16 00-0190	EA	950 CFM, 48.7 Watts, Direct Drive In-Line Cabinet Fan	340.54	83.65
23 34 16 00-0191	EA	1,100 CFM, 52.5 Watts, Direct Drive In-Line Cabinet Fan	340.54	83.65
23 34 16 00-0192	EA	1,400 CFM, 100 Watts, Direct Drive In-Line Cabinet Fan	372.04	83.65
23 34 16 00-0193	EA	900 CFM, 48.2 Watts, Direct Drive In-Line Cabinet Fan	438.30	88.42
23 34 16 00-0194	EA	1,000 CFM, 82.7 Watts, Direct Drive In-Line Cabinet Fan	382.65	88.42
23 34 16 00-0195	EA	1,050 CFM, 80.7 Watts, Direct Drive In-Line Cabinet Fan	403.65	88.42
23 34 16 00-0196	EA	1,350 CFM, 140 Watts, Direct Drive In-Line Cabinet Fan	417.30	88.42
23 34 16 00-0197	EA	1,000 CFM, 135 Watts, Direct Drive In-Line Cabinet Fan	433.05	88.42
23 34 16 00-0198	EA	1,070 CFM, 217 Watts, Direct Drive In-Line Cabinet Fan	433.05	88.42
23 34 16 00-0199	EA	1,100 CFM, 350 Watts, Direct Drive In-Line Cabinet Fan	670.46	93.20
23 34 16 00-0200	EA	1,080 CFM, 325 Watts, Direct Drive In-Line Cabinet Fan	574.91	93.20
23 34 16 00-0201	EA	1,600 CFM, 405 Watts, Direct Drive In-Line Cabinet Fan	574.91	93.20
23 34 16 00-0202	EA	950 CFM, 328 Watts, Direct Drive In-Line Cabinet Fan	754.46	93.20
23 34 16 00-0203	EA	1,095 CFM, 455 Watts, Direct Drive In-Line Cabinet Fan	754.46	93.20
23 34 16 00-0204	EA	1,450 CFM, 822 Watts, Direct Drive In-Line Cabinet Fan	754.46	93.20
23 34 16 00-0205	EA	1,610 CFM, 830 Watts, Direct Drive In-Line Cabinet Fan	814.31	93.20
23 34 16 00-0206		Propeller And Ceiling Fans *(23 34 16)*		
23 34 16 00-0207		Direct Drive, Sidewall Propeller Exhaust Fan *(23 34 16 00-0206)* Note: Greenheck SE1.		
23 34 16 00-0208	EA	1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	425.91	102.29
		For Backdraft Damper, Add	*85.68*	
		For Wall Mount Collar, Add	*142.33*	
23 34 16 00-0209	EA	1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	455.65	113.76
		For Backdraft Damper, Add	*93.45*	
		For Wall Mount Collar, Add	*142.33*	
23 34 16 00-0210	EA	1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	504.76	126.18
		For Backdraft Damper, Add	*103.24*	
		For Wall Mount Collar, Add	*146.19*	
23 34 16 00-0211	EA	1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	701.38	139.57
		For Backdraft Damper, Add	*122.02*	
		For Wall Mount Collar, Add	*149.09*	
		For Motor Side Guard, Add	*118.28*	
23 34 16 00-0212	EA	1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	846.70	154.86
		For Backdraft Damper, Add	*122.02*	
		For Wall Mount Collar, Add	*152.96*	
		For Motor Side Guard, Add	*126.02*	
23 34 16 00-0213	EA	1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	950.80	172.07
		For Backdraft Damper, Add	*145.80*	
		For Wall Mount Collar, Add	*156.82*	
		For Motor Side Guard, Add	*133.78*	
23 34 16 00-0214	EA	1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,082.74	191.19
		For Backdraft Damper, Add	*145.80*	
		For Wall Mount Collar, Add	*159.72*	
		For Motor Side Guard, Add	*144.45*	
23 34 16 00-0215		Belt Drive Propeller Exhaust Fans *(23 34 16 00-0206)* Note: Wall shutter 1/8" static pressure, with birdscreen.		
23 34 16 00-0216	EA	24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter	1,595.41	273.40
23 34 16 00-0217	EA	30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter	1,830.65	318.33
23 34 16 00-0218	EA	36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter	2,088.94	382.38
23 34 16 00-0219	EA	42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter	2,876.59	477.97
23 34 16 00-0220	EA	48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter	3,471.13	637.62
23 34 16 00-0221	EA	54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter	4,862.92	955.94
23 34 16 00-0222	EA	60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter	5,882.86	1,225.52
23 34 16 00-0223		Propeller Exhaust Fan Accessories *(23 34 16 00-0206)*		
23 34 16 00-0224	SF	Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)	83.53	
23 34 16 00-0225	SF	Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)	189.49	
23 34 16 00-0226		Reversible Ceiling Fans *(23 34 16 00-0206)*		
23 34 16 00-0227		4 Blade Ceiling Fans *(23 34 16 00-0226)*		
23 34 16 00-0228	EA	42" 4-Blade Ceiling Fan, Three Speed	381.66	49.45
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.82*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0229		5 Blade Ceiling Fans *(23 34 16 00-0226)*		
23 34 16 00-0230	EA	42" 5-Blade Ceiling Fan, Three Speed	416.16	122.37
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.87*	
23 34 16 00-0231	EA	52" 5-Blade Ceiling Fan, Three Speed	473.87	122.37
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.97*	
23 34 16 00-0232		3 Blade Weatherproof Ceiling Fans *(23 34 16 00-0226)*		
23 34 16 00-0233	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed	392.17	47.32
23 34 16 00-0234		Ceiling Fan Down Rod *(23 34 16 00-0226)*		
23 34 16 00-0235	EA	1' Ceiling Fan Down Rod	16.25	
23 34 16 00-0236	EA	1-1/2' Ceiling Fan Down Rod	20.50	
23 34 16 00-0237	EA	2' Ceiling Fan Down Rod	22.62	
23 34 16 00-0238	EA	3' Ceiling Fan Down Rod	29.45	
23 34 16 00-0239	EA	4' Ceiling Fan Down Rod	34.24	
23 34 16 00-0240	EA	5' Ceiling Fan Down Rod	41.54	
23 34 16 00-0241	EA	6' Ceiling Fan Down Rod	51.31	
23 34 16 00-0242		Exhaust Fans *(23 34 16)*		
23 34 16 00-0243		Exhaust Fans *(23 34 16 00-0242)* Note: Excludes ducting.		
23 34 16 00-0244		Light Duty Exhaust Fans *(23 34 16 00-0243)*		
23 34 16 00-0245		Light Duty Exhaust Fans *(23 34 16 00-0244)*		
23 34 16 00-0246	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670)	110.35	39.96
23 34 16 00-0247	EA	70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671)	115.43	39.96
23 34 16 00-0248	EA	180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505)	176.46	39.96
23 34 16 00-0249	EA	350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504)	217.27	39.96
23 34 16 00-0250	EA	160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503)	196.55	39.96
23 34 16 00-0251	EA	270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502)	254.50	39.96
23 34 16 00-0252		Light Duty Exhaust Fans With Lights *(23 34 16 00-0244)*		
23 34 16 00-0253	EA	50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	137.54	39.96
23 34 16 00-0254	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	150.27	39.96
23 34 16 00-0255	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	262.28	39.96
23 34 16 00-0256		Light Duty Exhaust Fans With Heaters *(23 34 16 00-0244)*		
23 34 16 00-0257	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	140.30	39.96
23 34 16 00-0258	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	210.13	39.96
23 34 16 00-0259		Light Duty Exhaust Fans With Heaters And Lights *(23 34 16 00-0244)*		
23 34 16 00-0260	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	222.24	39.96
23 34 16 00-0261	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	326.18	39.96
23 34 16 00-0262		Heavy Duty/Continuous Operation Exhaust Fans *(23 34 16 00-0243)*		
23 34 16 00-0263		Heavy Duty/Continuous Operation Exhaust Fans *(23 34 16 00-0262)* Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0264	EA	50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50)	159.53	39.96
23 34 16 00-0265	EA	80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80)	174.12	39.96
23 34 16 00-0266	EA	109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	300.45	39.96
23 34 16 00-0267	EA	157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	307.22	39.96
23 34 16 00-0268	EA	210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	328.27	39.96
23 34 16 00-0269	EA	259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	341.73	39.96
23 34 16 00-0270	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	346.94	39.96
23 34 16 00-0271	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	393.94	39.96
23 34 16 00-0272	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	445.77	39.96
23 34 16 00-0273	EA	701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	475.30	39.96
23 34 16 00-0274	EA	901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	561.55	39.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0275	EA	1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	715.20	39.96
23 34 16 00-0276		Heavy Duty/Continuous Operation Kitchen Exhaust Fans *(23 34 16 00-0262)*		
		Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0277	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	311.16	39.96
23 34 16 00-0278	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	441.90	39.96
23 34 16 00-0279	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	466.11	39.96
23 34 16 00-0280		Heavy Duty/Continuous Operation Exhaust Fans With Lights *(23 34 16 00-0262)*		
23 34 16 00-0281	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	171.48	39.96
23 34 16 00-0282	EA	80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	185.19	39.96
23 34 16 00-0283		Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans *(23 34 16 00-0262)*		
23 34 16 00-0284	EA	50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	177.50	39.96
23 34 16 00-0285	EA	80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	186.58	39.96
23 34 16 00-0286	EA	110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	190.95	39.96
23 34 16 00-0287		Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans *(23 34 16 00-0243)*		
23 34 16 00-0288	EA	900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	766.84	39.96
23 34 16 00-0289	EA	1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	766.84	39.96
23 34 16 00-0290	EA	1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	766.84	39.96
23 34 16 00-0291	EA	1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	839.41	39.96
23 34 16 00-0292		Room-To-Room Exhaust Fans *(23 34 16 00-0243)*		
23 34 16 00-0293	EA	90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	134.11	39.96
23 34 16 00-0294	EA	180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	208.23	39.96
23 34 16 00-0295	EA	380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	235.24	39.96
23 34 16 00-0296		Through-Wall Exhaust Fans *(23 34 16 00-0243)*		
23 34 16 00-0297	EA	250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	221.12	39.96
23 34 16 00-0298	EA	470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	258.35	39.96
23 34 16 00-0299	EA	180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	195.52	39.96
23 34 16 00-0300	EA	270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	254.50	39.96
23 34 16 00-0301	EA	360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	429.08	39.96
23 34 16 00-0302		Exhaust Fan Accessories *(23 34 16 00-0243)*		
23 34 16 00-0303		Exhaust Fan Controls *(23 34 16 00-0302)*		
23 34 16 00-0304	EA	Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	123.11	24.97
23 34 16 00-0305	EA	60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	90.18	24.97
23 34 16 00-0306	EA	60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	90.97	24.97
23 34 16 00-0307		Roof And Wall Caps For Exhaust Fans *(23 34 16 00-0302)*		
23 34 16 00-0308		Wall Caps For Exhaust Fans *(23 34 16 00-0307)*		
23 34 16 00-0309	EA	Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	205.55	51.92
23 34 16 00-0310	EA	Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	208.14	51.92
23 34 16 00-0311		Roof Caps For Exhaust Fans *(23 34 16 00-0307)*		
		Note: Includes flashing and built in bird screen.		
23 34 16 00-0312	EA	Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	178.80	51.92
23 34 16 00-0313	EA	Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	246.12	51.92
23 34 16 00-0314	EA	CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	127.05	51.92
23 34 16 00-0315	EA	CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	147.24	51.92
23 34 16 00-0316		Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan *(23 34 16 00-0243)*		
		Note: Includes storage and cleaning.		
23 34 16 00-0317	EA	Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan	71.70	

23 34 23 HVAC Power Ventilators *(23 34)*

23 34 23 00-0001 Power Roof Ventilators *(23 34 23)*

23 34 23 00-0002 Direct Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)*
Note: Greenheck G.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0003	EA	1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	513.14	136.70
		For 12" Roof Curb, Add	*144.14*	
		For Backdraft Damper, Add	*74.45*	
		For Solid State Speed Control, Add	*70.27*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0004	EA	1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	561.13	154.86
		For 12" Roof Curb, Add	*144.14*	
		For Backdraft Damper, Add	*74.45*	
		For Solid State Speed Control, Add	*70.27*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0005	EA	1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	797.70	180.67
		For 12" Roof Curb, Add	*147.05*	
		For Backdraft Damper, Add	*81.24*	
		For Solid State Speed Control, Add	*70.27*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0006	EA	1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	822.82	203.62
		For 12" Roof Curb, Add	*147.05*	
		For Backdraft Damper, Add	*81.24*	
		For Solid State Speed Control, Add	*70.27*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0007	EA	1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,054.50	224.65
		For Solid State Speed Control, Add	*70.27*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0008	EA	1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,196.04	238.99
		For 12" Roof Curb, Add	*151.90*	
		For Backdraft Damper, Add	*92.02*	
		For Solid State Speed Control, Add	*100.36*	
		For Damper Motor, Add	*124.45*	

23 34 23 00-0009 Belt Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)*

Note: Greenheck GB.

23 34 23 00-0010	EA	1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,187.09	203.62
		For 12" Roof Curb, Add	*147.05*	
		For Backdraft Damper, Add	*81.24*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0011	EA	1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,293.97	259.06
		For 12" Roof Curb, Add	*151.90*	
		For Backdraft Damper, Add	*92.02*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0012	EA	1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,748.36	308.77
		For 12" Roof Curb, Add	*151.90*	
		For Backdraft Damper, Add	*92.02*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0013	EA	3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,229.14	382.38
		For 12" Roof Curb, Add	*175.20*	
		For Backdraft Damper, Add	*111.80*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0014	EA	1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,938.08	477.97
		For 12" Roof Curb, Add	*185.88*	
		For Backdraft Damper, Add	*121.58*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0015	EA	1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,253.79	597.47
		For 12" Roof Curb, Add	*202.38*	
		For Backdraft Damper, Add	*134.35*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0016	EA	2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,277.09	597.47
		For 12" Roof Curb, Add	*202.38*	
		For Backdraft Damper, Add	*134.35*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0017	EA	3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,528.50	597.47
		For 12" Roof Curb, Add	*202.38*	
		For Backdraft Damper, Add	*134.35*	
		For Damper Motor, Add	*124.45*	
23 34 23 00-0018	EA	5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	4,233.03	597.47
		For 12" Roof Curb, Add	*202.38*	
		For Backdraft Damper, Add	*134.35*	
		For Damper Motor, Add	*124.45*	

23 34 23 00-0019 Propeller Exhaust Fans, Roof Mounted Upblast *(23 34 23 00-0001)*

Note: Includes back draft damper and birdscreen and curb.

23 34 23 00-0020	EA	30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	5,307.34	735.13
23 34 23 00-0021	EA	36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	8,567.38	955.66

23 34 23 00-0022 Belt Drive Supply Fans *(23 34 23 00-0001)*

23 34 23 00-0023	EA	4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	2,144.68	381.71
23 34 23 00-0024	EA	10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	2,878.74	477.88

23 34 23 00-0025 Fan Thermostat *(23 34 23 00-0001)*

23 34 23 00-0026	EA	50 To 120 Degree Line Voltage Fan Thermostat	98.48	

23 34 23 00-0027 Power Wall Ventilators *(23 34 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 34 23 00-0028 Centrifugal Sidewall Exhausters *(23 34 23 00-0027)*

23 34 23 00-0029 Direct Drive, Aluminum, Centrifugal Sidewall Exhauster *(23 34 23 00-0028)*
Note: Greenheck CW.

23 34 23 00-0030	EA	1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	677.18	153.91
		For Solid State Speed Control, Add	*100.36*	
		For Backdraft Damper, Add	*90.90*	
		For Damper Motor, Add	*194.80*	
		For Interior Wall Grill, Add	*67.80*	
23 34 23 00-0031	EA	1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	777.59	180.67
		For Solid State Speed Control, Add	*100.36*	
		For Backdraft Damper, Add	*101.68*	
		For Damper Motor, Add	*194.80*	
		For Interior Wall Grill, Add	*80.40*	
23 34 23 00-0032	EA	1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,152.80	203.62
		For Solid State Speed Control, Add	*100.36*	
		For Backdraft Damper, Add	*115.45*	
		For Damper Motor, Add	*194.80*	
		For Interior Wall Grill, Add	*93.01*	

23 34 23 00-0033 Belt Drive, Aluminum, Centrifugal Sidewall Exhausters *(23 34 23 00-0028)*
Note: Greenheck CWB.

23 34 23 00-0034	EA	1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,293.41	115.25
		For Solid State Speed Control, Add	*100.36*	
		For Backdraft Damper, Add	*110.83*	
		For Damper Motor, Add	*194.80*	
		For Interior Wall Grill, Add	*139.59*	
23 34 23 00-0035	EA	1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,372.94	129.78
		For Solid State Speed Control, Add	*100.36*	
		For Backdraft Damper, Add	*110.83*	
		For Damper Motor, Add	*194.80*	
		For Interior Wall Grill, Add	*139.59*	
23 34 23 00-0036	EA	3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,677.28	148.47
		For Solid State Speed Control, Add	*100.36*	
		For Backdraft Damper, Add	*136.34*	
		For Damper Motor, Add	*194.80*	
		For Interior Wall Grill, Add	*161.91*	

23 34 33 Air Curtains *(23 34)*

23 34 33 00-0001 Unheated Air Curtains For Entrances *(23 34 33)*

23 34 33 00-0002 Unheated Air Curtains, Standard Velocity *(23 34 33 00-0001)*

23 34 33 00-0003	EA	Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	1,779.42	700.71
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*313.23*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*232.69*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*357.98*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0004	EA	Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	1,800.52	700.71
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*313.23*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*232.69*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*357.98*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0005	EA	Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	1,823.37	700.71
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*313.23*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*232.69*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*357.98*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0006	EA	Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated Note: Includes housing, mounting brackets and manual controls.	2,201.34	700.71
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*313.23*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*232.69*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*357.98*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated	2,515.75	841.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*313.23*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*232.69*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*357.98*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated	2,647.60	841.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*313.23*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*232.69*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*357.98*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated	2,949.17	970.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*313.23*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*232.69*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*357.98*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated	3,475.69	970.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*313.23*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*232.69*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*357.98*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated	3,542.49	970.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*313.23*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*232.69*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*357.98*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated	3,720.05	970.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*313.23*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*232.69*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*357.98*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	

23 34 33 00-0013 Unheated Air Curtains, High Velocity *(23 34 33 00-0001)*

23 34 33 00-0014	EA	High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated	2,129.27	700.71
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*204.89*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0015	EA	High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated	2,156.52	700.71
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*204.89*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0016	EA	High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated	2,167.94	700.71
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*204.89*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0017	EA	High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated	2,189.92	700.71
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*204.89*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0018	EA	High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated	3,317.40	841.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*204.89*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0019	EA	High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated	3,452.76	841.24
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*204.89*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0020	EA	High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated	3,704.23	970.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*204.89*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0021	EA	High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated	4,172.74	970.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*204.89*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0022	EA	High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated	4,221.96	970.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*204.89*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0023	EA	High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated	4,413.58	970.29
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*204.89*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	

23 34 33 00-0024 Service Window Unheated Air Curtains *(23 34 33 00-0001)*

Note: Normal window sizes.

23 34 33 00-0025	EA	Air Curtain For 2.5' x 5' Service Window, Unheated	1,514.71	552.54
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	

23 34 33 00-0026 Heated Air Curtains For Entrances *(23 34 33)*

Note: Includes housing, mounting brackets and manual controls.

23 34 33 00-0027	EA	60" Heated Air Curtain With 1- 300 MBH Heater	3,345.79	617.06
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0028	EA	60" Heated Air Curtain With 1- 400 MBH Heater	3,627.31	617.06
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0029	EA	72" Heated Air Curtain With 1- 350 MBH Heater	4,014.33	740.38
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	4,352.15	740.38
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heater	5,351.64	987.02
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	5,802.06	987.02
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	6,521.44	1,202.58
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	7,070.39	1,202.58
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	8,194.15	1,510.88
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	9,559.49	1,510.88
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	9,365.36	1,726.92
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	10,925.42	1,726.92
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0039	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	10,700.02	1,973.56
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	
23 34 33 00-0040	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	12,482.94	1,973.56
		For Door Limit Switch, Combination Roller And Plunger, Add	*115.06*	
		For Flat Side Extension Plates, Add	*102.45*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*204.89*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*245.87*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*259.53*	

23 35 Special Exhaust Systems *(23 30)*

See CSI section 23 31 13 16-0075 for spiral duct/piping.

23 35 13 Dust Collection Systems *(23 35)*

23 35 13 13 Sawdust Collection Systems *(23 35 13)*

23 35 13 13-0001 Dust Collector System *(23 35 13 13)*

23 35 13 13-0002	EA	1.5 HP Dust Collector Central Vacuum Unit	3,117.37	830.59
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0003	EA	2 HP Dust Collector Central Vacuum Unit	3,529.44	986.32
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit	4,213.57	1,142.05
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0005	EA	3 HP Dust Collector Central Vacuum Unit	4,835.50	1,349.70
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0006	EA	5 HP Dust Collector Central Vacuum Unit	9,299.73	1,502.02
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 13-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit	11,240.79	1,752.35
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 13-0008	EA	10 HP Dust Collector Central Vacuum Unit	12,873.16	2,002.69
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0009	EA	15 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	14,505.93	2,303.09
23 35 13 13-0010	EA	20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	16,206.70	2,603.50
23 35 13 13-0011		Vacuum Tubing And Accessories *(23 35 13 13)*		
23 35 13 13-0012		Vacuum Tubing *(23 35 13 13-0011)*		
23 35 13 13-0013		Flexible Hose *(23 35 13 13-0012)*		
23 35 13 13-0014	LF	2" Flexible Hose	8.43	1.72
23 35 13 13-0015	LF	3" Flexible Hose	10.00	1.91
23 35 13 13-0016	LF	4" Flexible Hose	10.87	2.10
23 35 13 13-0017		Galvanized Vacuum Tubing *(23 35 13 13-0012)*		
23 35 13 13-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized	7.97	1.72
23 35 13 13-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized	8.88	1.82
23 35 13 13-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized	10.47	1.91
23 35 13 13-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized	13.44	2.01
23 35 13 13-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized	13.82	2.10
23 35 13 13-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized	22.44	2.39
23 35 13 13-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized	25.31	2.78
23 35 13 13-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized	34.29	3.82
23 35 13 13-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized	40.29	4.78
23 35 13 13-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized	98.15	6.31
23 35 13 13-0028		Vacuum Fittings, Galvanized *(23 35 13 13-0011)*		
23 35 13 13-0029		90 Degree Elbow *(23 35 13 13-0028)*		
23 35 13 13-0030	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized	40.96	10.99
23 35 13 13-0031	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	49.94	11.76
23 35 13 13-0032	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized	61.46	12.81
23 35 13 13-0033	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	72.02	13.86
23 35 13 13-0034	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized	85.28	15.30
23 35 13 13-0035	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized	137.48	17.02
23 35 13 13-0036	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized	181.02	19.12
23 35 13 13-0037	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized	321.16	25.53
23 35 13 13-0038		45 Degree Elbow *(23 35 13 13-0028)*		
23 35 13 13-0039	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized	38.66	10.99
23 35 13 13-0040	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	48.05	11.76
23 35 13 13-0041	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized	55.10	12.81
23 35 13 13-0042	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	64.84	13.86
23 35 13 13-0043	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized	78.65	15.30
23 35 13 13-0044	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized	114.48	17.02
23 35 13 13-0045	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized	147.19	19.12
23 35 13 13-0046	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized	264.33	25.53
23 35 13 13-0047		Wye *(23 35 13 13-0028)*		
23 35 13 13-0048	EA	2-1/8" Wye, Vacuum Tubing, Galvanized	73.62	18.17
23 35 13 13-0049	EA	2-1/2" Wye, Vacuum Tubing, Galvanized	87.43	19.59
23 35 13 13-0050	EA	3" Wye, Vacuum Tubing, Galvanized	105.49	21.03
23 35 13 13-0051	EA	3-1/2" Wye, Vacuum Tubing, Galvanized	127.03	23.42
23 35 13 13-0052	EA	4" Wye, Vacuum Tubing, Galvanized	166.90	25.34
23 35 13 13-0053	EA	5" Wye, Vacuum Tubing, Galvanized	275.54	28.20
23 35 13 13-0054	EA	6" Wye, Vacuum Tubing, Galvanized	362.62	32.03
23 35 13 13-0055	EA	8" Wye, Vacuum Tubing, Galvanized	704.05	34.89
23 35 13 13-0056	EA	10" Wye, Vacuum Tubing, Galvanized	970.64	38.24
23 35 13 13-0057	EA	12" Wye, Vacuum Tubing, Galvanized	1,223.90	42.83
23 35 13 13-0058		Reducer *(23 35 13 13-0028)*		
23 35 13 13-0059	EA	3" Reducer, Vacuum Tubing, Galvanized	42.92	12.81
23 35 13 13-0060	EA	4" Reducer, Vacuum Tubing, Galvanized	47.59	13.86
23 35 13 13-0061	EA	5" Reducer, Vacuum Tubing, Galvanized	59.14	15.30
23 35 13 13-0062	EA	6" Reducer, Vacuum Tubing, Galvanized	64.02	17.02
23 35 13 13-0063	EA	8" Reducer, Vacuum Tubing, Galvanized	74.56	19.12
23 35 13 13-0064		Air Gate Valve, Galvanized *(23 35 13 13-0011)*		
23 35 13 13-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized	269.87	25.53
23 35 13 13-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	282.94	27.25
23 35 13 13-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized	324.32	29.35
23 35 13 13-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	368.31	31.35
23 35 13 13-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized	414.54	33.26
23 35 13 13-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized	488.90	37.95
23 35 13 13-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized	562.43	42.54

23 35 16 Engine Exhaust Systems *(23 35)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 16 16		**Mechanical Engine Exhaust Systems** *(23 35 16)*		
23 35 16 16-0001		Overhead Tailpipe Exhaust System *(23 35 16 16)*		
23 35 16 16-0002		Overhead Tailpipe Exhaust Blowers *(23 35 16 16-0001)*		
23 35 16 16-0003		Overhead Direct Drive Tailpipe Exhaust Blowers *(23 35 16 16-0002)*		
23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	2,258.95	203.62
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	2,716.62	415.84
23 35 16 16-0006	EA	1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	3,738.28	503.78
23 35 16 16-0007		Overhead Belt Drive Tailpipe Exhaust Blowers *(23 35 16 16-0002)*		
23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	2,647.86	415.84
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	2,854.98	503.78
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	3,527.76	797.26
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,347.09	1,028.60
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	5,452.39	1,225.52
23 35 16 16-0013		Spiral Exhaust Duct Accessories *(23 35 16 16-0001)*		
23 35 16 16-0014		Flex Hose x Length *(23 35 16 16-0013)* Note: Includes duct coupler, damper and tailpipe adapter.		
23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	133.25	50.66
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	118.35	50.66
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	205.90	80.30
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	181.01	80.30
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	300.79	127.14
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	291.88	127.14
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	464.16	201.70
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	445.42	201.70
23 35 16 16-0023		Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter *(23 35 16 16-0013)*		
23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	145.13	50.66
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	214.58	80.30
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	127.97	50.66
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	189.12	80.30
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	941.63	68.26
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	863.06	125.23
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	943.73	125.23
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.)	46.82	9.75
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.)	51.77	9.75
23 35 16 16-0033		Flexible Hose *(23 35 16 16-0013)*		
23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing	25.31	2.39
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing	32.00	2.68
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing	37.82	2.78
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing	44.46	2.97
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing	14.75	2.39
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing	17.23	2.68
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing	19.60	2.78
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing	21.78	2.97
23 35 16 16-0042		Accessories *(23 35 16 16-0001)*		
23 35 16 16-0043	EA	3" Tail Pipe Adapter	38.96	7.17
23 35 16 16-0044	EA	4" Tail Pipe Adapter	39.95	7.17
23 35 16 16-0045	EA	5" Tail Pipe Adapter	42.84	8.13
23 35 16 16-0046	EA	3" Bullnose (Guide)	22.14	4.78
23 35 16 16-0047	EA	4" Bullnose (Guide)	23.64	5.26
23 35 16 16-0048	EA	5" Bullnose (Guide)	25.31	5.73
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware	174.67	54.21
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope	0.08	
23 35 19		**Fume Exhaust Systems** *(23 35)*		
23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	1,729.73	382.09
23 35 19 00-0002	EA	Hose Extension Kit 5'	320.74	84.88
23 36		Air Terminal Units *(23 30)*		
23 36 13		**Constant-Air-Volume Units** *(23 36)*		
23 36 13 00-0001		Vertical Units, With Electric Heating Coils *(23 36 13)*		
23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils	1,492.85	126.52
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils	1,798.48	136.25
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils	1,919.42	141.12
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils	2,050.10	150.85
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils	2,314.96	155.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 36 13 00-0007 Horizontal Units, With Electric Heating Coils *(23 36 13)*

23 36 13 00-0008	EA	60 CFM Horizontal Induction Unit, With Electric Heating Coils	1,264.02	126.52
23 36 13 00-0009	EA	90 CFM Horizontal Induction Unit, With Electric Heating Coils	1,512.32	136.25
23 36 13 00-0010	EA	120 CFM Horizontal Induction Unit, With Electric Heating Coils	1,807.59	143.56

23 36 13 00-0011 Duct Boxes, Constant Volume Control *(23 36 13)*

23 36 13 00-0012 Single Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*

23 36 13 00-0013	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	521.90	39.45
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0014	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	576.08	42.57
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0015	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	605.08	46.72
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0016	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	618.87	48.80
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0017	EA	12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control	639.01	53.99
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0018	EA	14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control	728.93	60.21
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0019	EA	16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control	775.09	67.48
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0020	EA	20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control	844.63	80.98
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0021	EA	24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control	914.02	93.44
		For Boxes With Motor, Add	*20.00*	

23 36 13 00-0022 Dual Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*

23 36 13 00-0023	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	694.16	39.45
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0024	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	744.67	42.57
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0025	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	783.25	46.72
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0026	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	816.03	48.80
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0027	EA	12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control	836.17	53.99
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0028	EA	14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control	958.34	61.26
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0029	EA	16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control	1,051.08	67.48
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0030	EA	20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control	1,151.44	80.98
		For Boxes With Motor, Add	*20.00*	
23 36 13 00-0031	EA	24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control	1,225.71	93.44
		For Boxes With Motor, Add	*20.00*	

23 36 16 Variable-Air-Volume Units *(23 36)*

23 36 16 00-0001 Variable Volume Terminal Unit *(23 36 16)*

Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.

23 36 16 00-0002 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: Enclosure only. For mounting DDC controls.

23 36 16 00-0003	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	463.91	47.75
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0004	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	519.55	53.99
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0005	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	578.77	60.21
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0006	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	619.08	67.48
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0007	EA	14" Diameter Inlet, 450 - 3,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	852.36	145.25
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0008	EA	16" Diameter Inlet, 580 - 4,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls	1,038.22	172.34
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0009 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With pneumatic controls.

23 36 16 00-0010	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	946.43	47.75
		For Fan Powered Variable Air Volume Box, Add	*980.48*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller	1,024.71	53.99
		For Fan Powered Variable Air Volume Box, Add	*1,050.40*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0012	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller	1,075.22	60.21
		For Fan Powered Variable Air Volume Box, Add	*1,083.62*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0013	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller	1,124.24	67.48
		For Fan Powered Variable Air Volume Box, Add	*1,114.71*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0014	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller	1,310.48	145.25
		For Fan Powered Variable Air Volume Box, Add	*1,252.29*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0015	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller	1,534.67	172.34
		For Fan Powered Variable Air Volume Box, Add	*1,361.06*	
		For Hot Water Coils, Add	*40.55*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0016 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With analog electronic controls.

23 36 16 00-0017	EA	6" Diameter Inlet, 60 - 500 CFM, Variable Air Volume Box With analog electronic controls	1,547.40	47.75
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0018	EA	8" Diameter Inlet, 105 - 900 CFM, Variable Air Volume Box With analog electronic controls	1,611.74	53.99
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0019	EA	10" Diameter Inlet, 165 - 1,400 CFM, Variable Air Volume Box With analog electronic controls	1,670.96	60.21
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0020	EA	12" Diameter Inlet, 235 - 2,000 CFM, Variable Air Volume Box With analog electronic controls	1,753.07	67.48
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0021	EA	14" Diameter Inlet, 320 - 3,000 CFM, Variable Air Volume Box With analog electronic controls	1,941.06	145.25
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0022	EA	16" Diameter Inlet, 420 - 4,000 CFM, Variable Air Volume Box With analog electronic controls	1,975.90	145.25
		For Hot Water Coils, Add	*40.55*	
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0023 Dual Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With flow control installation, plenum system power box, thermostat.

23 36 16 00-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	1,068.44	94.37
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	1,169.44	107.45
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0026	EA	10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct	1,253.48	121.37
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0027	EA	12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct	1,375.22	135.39
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0028	EA	14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct	1,546.87	155.73
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0029	EA	16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct	1,702.75	186.88
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0030 Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) *(23 36 16 00-0001)*

23 36 16 00-0031	EA	0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A)	433.74	64.89
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0032	EA	0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B)	471.90	71.37
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0033	EA	0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C)	510.90	77.87
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0034	EA	0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D)	550.81	84.36
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0035	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E)	591.71	90.84
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0036	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F)	633.65	97.34
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0037	EA	0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G)	679.58	103.82
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0038	EA	0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H)	724.04	110.31
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0039	EA	0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J)	769.78	116.81
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0040	EA	0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K)	816.92	123.29
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0041	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L)	865.55	129.78
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0042	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)	915.74	136.26
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0043	EA	0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)	967.64	142.76
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0044	EA	0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)	1,017.44	149.24
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0045	EA	0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)	1,072.83	155.73
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 Air Outlets And Inlets *(23 30)*				
23 37 13 Diffusers, Registers, And Grilles *(23 37)*				
23 37 13 13 Diffusers, Registers, and Grilles *(23 37 13)*				
23 37 13 13-0001		Ceiling Diffusers *(23 37 13 13)*		
23 37 13 13-0002		Ceiling Diffusers With Perforated Face *(23 37 13 13-0001)*		
		Note: Flush mount, aluminum construction, includes damper.		
23 37 13 13-0003	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	89.71	13.49
		For Steel Construction, Deduct	*-5.45*	
		For Surface Mount, Deduct	*-4.36*	
		For Diffuser Without Damper, Deduct	*-7.26*	
		For Stainless Steel, Add	*90.80*	
23 37 13 13-0004	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	97.78	13.49
		For Steel Construction, Deduct	*-6.66*	
		For Surface Mount, Deduct	*-5.33*	
		For Diffuser Without Damper, Deduct	*-8.88*	
		For Stainless Steel, Add	*110.98*	
23 37 13 13-0005	EA	9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	97.78	13.49
		For Steel Construction, Deduct	*-6.66*	
		For Surface Mount, Deduct	*-5.33*	
		For Diffuser Without Damper, Deduct	*-8.88*	
		For Stainless Steel, Add	*110.98*	
23 37 13 13-0006	EA	10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	117.59	16.61
		For Steel Construction, Deduct	*-7.97*	
		For Surface Mount, Deduct	*-6.38*	
		For Diffuser Without Damper, Deduct	*-10.63*	
		For Stainless Steel, Add	*132.85*	
23 37 13 13-0007	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	117.59	15.58
		For Steel Construction, Deduct	*-7.97*	
		For Surface Mount, Deduct	*-6.38*	
		For Diffuser Without Damper, Deduct	*-10.63*	
		For Stainless Steel, Add	*132.85*	
23 37 13 13-0008	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	132.39	15.58
		For Steel Construction, Deduct	*-10.19*	
		For Surface Mount, Deduct	*-8.15*	
		For Diffuser Without Damper, Deduct	*-13.59*	
		For Stainless Steel, Add	*169.85*	
23 37 13 13-0009	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	153.95	20.76
		For Steel Construction, Deduct	*-10.96*	
		For Surface Mount, Deduct	*-8.77*	
		For Diffuser Without Damper, Deduct	*-14.61*	
		For Stainless Steel, Add	*182.63*	
23 37 13 13-0010	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	176.16	21.80
		For Steel Construction, Deduct	*-13.68*	
		For Surface Mount, Deduct	*-10.95*	
		For Diffuser Without Damper, Deduct	*-18.24*	
		For Stainless Steel, Add	*228.03*	
23 37 13 13-0011	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	200.32	24.92
		For Steel Construction, Deduct	*-15.22*	
		For Surface Mount, Deduct	*-12.17*	
		For Lay-In Mount, Deduct	*-12.17*	
		For Diffuser Without Damper, Deduct	*-20.29*	
		For Stainless Steel, Add	*253.60*	
23 37 13 13-0012		Ceiling Diffusers With Louver Face *(23 37 13 13-0001)*		
		Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.		
23 37 13 13-0013	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	92.40	13.49
		For Steel Construction, Deduct	*-5.85*	
		For Lay-In Mount, Add	*7.80*	
		For Stainless Steel, Add	*97.53*	
23 37 13 13-0014	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	102.90	13.49
		For Steel Construction, Deduct	*-7.43*	
		For Lay-In Mount, Add	*9.90*	
		For Stainless Steel, Add	*123.78*	
23 37 13 13-0015	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	102.90	13.49
		For Steel Construction, Deduct	*-7.43*	
		For Lay-In Mount, Add	*9.90*	
		For Stainless Steel, Add	*123.78*	
23 37 13 13-0016	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	123.64	15.58
		For Steel Construction, Deduct	*-8.88*	
		For Lay-In Mount, Add	*11.84*	
		For Stainless Steel, Add	*147.98*	
23 37 13 13-0017	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	123.64	16.61
		For Steel Construction, Deduct	*-8.88*	
		For Lay-In Mount, Add	*11.84*	
		For Stainless Steel, Add	*147.98*	
23 37 13 13-0018	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	158.74	20.76
		For Steel Construction, Deduct	*-11.62*	
		For Lay-In Mount, Add	*15.50*	
		For Stainless Steel, Add	*193.73*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0019	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	144.48	20.76
		For Steel Construction, Deduct	*-9.48*	
		For Lay-In Mount, Add	*12.65*	
		For Stainless Steel, Add	*158.08*	
23 37 13 13-0020	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	179.48	24.92
		For Steel Construction, Deduct	*-12.17*	
		For Lay-In Mount, Add	*16.22*	
		For Stainless Steel, Add	*202.80*	
23 37 13 13-0021	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	204.60	28.03
		For Steel Construction, Deduct	*-15.14*	
		For Lay-In Mount, Add	*20.18*	
		For Stainless Steel, Add	*252.25*	
23 37 13 13-0022	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	222.53	54.92
		For Steel Construction, Deduct	*-16.89*	
		For Lay-In Mount, Add	*22.52*	
		For Stainless Steel, Add	*281.50*	

23 37 13 13-0023 Round Ceiling Diffusers With Fixed Pattern *(23 37 13 13-0001)*

Note: Aluminum construction.

23 37 13 13-0024	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	140.71	13.49
		For Steel Construction, Deduct	*-26.20*	
		For Stainless Steel, Add	*218.30*	
23 37 13 13-0025	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	145.19	13.49
		For Steel Construction, Deduct	*-27.54*	
		For Stainless Steel, Add	*229.50*	
23 37 13 13-0026	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	165.21	16.61
		For Steel Construction, Deduct	*-30.23*	
		For Stainless Steel, Add	*251.90*	
23 37 13 13-0027	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	176.40	15.58
		For Steel Construction, Deduct	*-33.59*	
		For Stainless Steel, Add	*279.88*	
23 37 13 13-0028	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	247.16	18.68
		For Steel Construction, Deduct	*-51.72*	
		For Stainless Steel, Add	*431.03*	
23 37 13 13-0029	EA	16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	260.35	19.73
		For Steel Construction, Deduct	*-54.74*	
		For Stainless Steel, Add	*456.20*	
23 37 13 13-0030	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	273.81	20.76
		For Steel Construction, Deduct	*-57.77*	
		For Stainless Steel, Add	*481.40*	
23 37 13 13-0031	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	313.83	20.76
		For Steel Construction, Deduct	*-68.66*	
		For Stainless Steel, Add	*572.20*	
23 37 13 13-0032	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	372.08	23.88
		For Steel Construction, Deduct	*-83.59*	
		For Stainless Steel, Add	*696.60*	
23 37 13 13-0033	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	416.81	24.92
		For Steel Construction, Deduct	*-95.54*	
		For Stainless Steel, Add	*796.13*	
23 37 13 13-0034	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	495.55	28.03
		For Steel Construction, Deduct	*-115.69*	
		For Stainless Steel, Add	*964.05*	

23 37 13 13-0035 Round Ceiling Diffusers With Adjustable Pattern Dropped Style *(23 37 13 13-0001)*

Note: Aluminum construction.

23 37 13 13-0036	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	147.43	13.49
		For Steel Construction, Deduct	*-9.40*	
		For Flush Mount, Deduct	*-4.70*	
		For Stainless Steel, Add	*235.10*	
23 37 13 13-0037	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	159.00	13.49
		For Steel Construction, Deduct	*-10.56*	
		For Flush Mount, Deduct	*-5.28*	
		For Stainless Steel, Add	*264.03*	
23 37 13 13-0038	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	181.38	16.61
		For Steel Construction, Deduct	*-11.69*	
		For Flush Mount, Deduct	*-5.85*	
		For Stainless Steel, Add	*292.33*	
23 37 13 13-0039	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	194.32	16.61
		For Steel Construction, Deduct	*-12.99*	
		For Flush Mount, Deduct	*-6.49*	
		For Stainless Steel, Add	*324.68*	
23 37 13 13-0040	EA	14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	276.27	18.68
		For Steel Construction, Deduct	*-20.15*	
		For Flush Mount, Deduct	*-10.08*	
		For Stainless Steel, Add	*503.80*	
23 37 13 13-0041	EA	16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	223.10	19.73
		For Steel Construction, Deduct	*-21.53*	
		For Flush Mount, Deduct	*-10.77*	
		For Stainless Steel, Add	*538.30*	
23 37 13 13-0042	EA	18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	310.38	20.76
		For Steel Construction, Deduct	*-22.91*	
		For Flush Mount, Deduct	*-11.46*	
		For Stainless Steel, Add	*572.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0043	EA	20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	357.37	21.80
		For Steel Construction, Deduct	*-27.24*	
		For Flush Mount, Deduct	*-13.62*	
		For Stainless Steel, Add	*681.05*	
23 37 13 13-0044	EA	24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	402.93	23.88
		For Steel Construction, Deduct	*-30.95*	
		For Flush Mount, Deduct	*-15.47*	
		For Stainless Steel, Add	*773.73*	
23 37 13 13-0045	EA	28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	483.98	24.92
		For Steel Construction, Deduct	*-38.56*	
		For Flush Mount, Deduct	*-19.28*	
		For Stainless Steel, Add	*964.05*	
23 37 13 13-0046	EA	32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	580.38	28.03
		For Steel Construction, Deduct	*-47.05*	
		For Flush Mount, Deduct	*-23.52*	
		For Stainless Steel, Add	*1,176.13*	
23 37 13 13-0047	EA	36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	641.51	58.45
		For Stainless Steel, Add	*1,311.75*	

23 37 13 13-0048 Linear Type Ceiling Diffusers With 2-Way Air Deflection *(23 37 13 13-0001)*

23 37 13 13-0049	LF	4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection	118.80	15.58
		For Stainless Steel, Add	*141.28*	
23 37 13 13-0050	LF	6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	126.48	15.58
		For Stainless Steel, Add	*160.48*	
23 37 13 13-0051	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection	135.93	15.58
		For Stainless Steel, Add	*184.10*	
23 37 13 13-0052	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection	145.14	15.58
		For Stainless Steel, Add	*207.13*	

23 37 13 13-0053 Wall And Floor Diffusers *(23 37 13 13)*

23 37 13 13-0054 Slot Type Linear Diffusers *(23 37 13 13-0053)*

Note: For sidewall sill or ceiling 1/2" 3/4/" or 1" slot spacing 1-1/8" border.

23 37 13 13-0055	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling	40.47	5.19
		For 3/4" Border, Add	*4.67*	
		For Floor Mounted Diffusers, Add	*5.60*	
		For Stainless Steel, Add	*24.26*	
23 37 13 13-0056	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling	48.75	6.23
		For 3/4" Border, Add	*6.22*	
		For Floor Mounted Diffusers, Add	*7.46*	
		For Stainless Steel, Add	*32.34*	
23 37 13 13-0057	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling	66.19	7.27
		For 3/4" Border, Add	*9.80*	
		For Floor Mounted Diffusers, Add	*11.75*	
		For Stainless Steel, Add	*50.93*	
23 37 13 13-0058	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling	86.08	7.27
		For 3/4" Border, Add	*14.00*	
		For Floor Mounted Diffusers, Add	*16.79*	
		For Stainless Steel, Add	*72.77*	
23 37 13 13-0059	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling	107.06	8.31
		For 3/4" Border, Add	*18.19*	
		For Floor Mounted Diffusers, Add	*21.83*	
		For Stainless Steel, Add	*94.60*	
23 37 13 13-0060	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling	125.26	10.38
		For 3/4" Border, Add	*21.46*	
		For Floor Mounted Diffusers, Add	*25.75*	
		For Stainless Steel, Add	*111.58*	

23 37 13 13-0061 Linear Bar Grilles And Registers *(23 37 13 13-0053)*

Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.

23 37 13 13-0062	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling	114.05	6.23
		For Floor Mount, Add	*9.02*	
		For Opposed Blade Damper, Add	*18.04*	
		For Stainless Steel, Add	*117.23*	
23 37 13 13-0063	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling	135.85	7.27
		For Floor Mount, Add	*10.88*	
		For Opposed Blade Damper, Add	*21.77*	
		For Stainless Steel, Add	*141.49*	
23 37 13 13-0064	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling	148.27	7.27
		For Floor Mount, Add	*11.82*	
		For Opposed Blade Damper, Add	*23.63*	
		For Stainless Steel, Add	*153.62*	
23 37 13 13-0065	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling	182.48	10.38
		For Floor Mount, Add	*14.31*	
		For Opposed Blade Damper, Add	*28.61*	
		For Stainless Steel, Add	*185.97*	
23 37 13 13-0066	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling	251.97	13.49
		For Floor Mount, Add	*19.90*	
		For Opposed Blade Damper, Add	*39.81*	
		For Stainless Steel, Add	*258.74*	
23 37 13 13-0067	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling	291.47	15.58
		For Floor Mount, Add	*22.70*	
		For Opposed Blade Damper, Add	*45.40*	
		For Stainless Steel, Add	*295.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0068		Return/Exhaust Registers And Grilles *(23 37 13 13)*		
23 37 13 13-0069		Return/Exhaust Registers With Frame *(23 37 13 13-0068)*		
		Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.		
23 37 13 13-0070	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	82.29	8.31
		For Steel Construction, Deduct	*-10.01*	
		For Grilles (No Damper), Deduct	*-20.03*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*5.01*	
		For Cube Core Lay In, Add	*10.01*	
		For Stainless Steel, Add	*125.18*	
23 37 13 13-0071	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	93.17	8.31
		For Steel Construction, Deduct	*-12.19*	
		For Grilles (No Damper), Deduct	*-24.38*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*6.10*	
		For Cube Core Lay In, Add	*12.19*	
		For Stainless Steel, Add	*152.38*	
23 37 13 13-0072	EA	10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	104.86	9.34
		For Steel Construction, Deduct	*-13.50*	
		For Grilles (No Damper), Deduct	*-26.99*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*6.75*	
		For Cube Core Lay In, Add	*13.50*	
		For Stainless Steel, Add	*168.70*	
23 37 13 13-0073	EA	10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	110.94	10.38
		For Steel Construction, Deduct	*-13.50*	
		For Grilles (No Damper), Deduct	*-26.99*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*6.75*	
		For Cube Core Lay In, Add	*13.50*	
		For Stainless Steel, Add	*168.70*	
23 37 13 13-0074	EA	12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	106.59	10.38
		For Steel Construction, Deduct	*-12.63*	
		For Grilles (No Damper), Deduct	*-25.25*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*6.31*	
		For Cube Core Lay In, Add	*12.63*	
		For Stainless Steel, Add	*157.83*	
23 37 13 13-0075	EA	12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	136.11	13.49
		For Steel Construction, Deduct	*-16.54*	
		For Grilles (No Damper), Deduct	*-33.09*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*8.27*	
		For Cube Core Lay In, Add	*16.54*	
		For Stainless Steel, Add	*206.80*	
23 37 13 13-0076	EA	16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	163.22	15.58
		For Steel Construction, Deduct	*-19.75*	
		For Grilles (No Damper), Deduct	*-39.51*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*9.88*	
		For Cube Core Lay In, Add	*19.75*	
		For Stainless Steel, Add	*246.93*	
23 37 13 13-0077	EA	18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	198.83	18.68
		For Steel Construction, Deduct	*-24.82*	
		For Grilles (No Damper), Deduct	*-49.63*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.41*	
		For Cube Core Lay In, Add	*24.82*	
		For Stainless Steel, Add	*310.20*	
23 37 13 13-0078	EA	20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	231.51	20.76
		For Steel Construction, Deduct	*-30.05*	
		For Grilles (No Damper), Deduct	*-60.10*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*15.03*	
		For Cube Core Lay In, Add	*30.05*	
		For Stainless Steel, Add	*375.65*	
23 37 13 13-0079	EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	210.63	20.76
		For Steel Construction, Deduct	*-25.14*	
		For Grilles (No Damper), Deduct	*-50.27*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*12.57*	
		For Cube Core Lay In, Add	*25.14*	
		For Stainless Steel, Add	*314.20*	
23 37 13 13-0080	EA	24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	237.33	20.76
		For Steel Construction, Deduct	*-30.48*	
		For Grilles (No Damper), Deduct	*-60.95*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*15.24*	
		For Cube Core Lay In, Add	*30.48*	
		For Stainless Steel, Add	*380.95*	
23 37 13 13-0081	EA	24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	251.37	23.88
		For Steel Construction, Deduct	*-31.59*	
		For Grilles (No Damper), Deduct	*-63.17*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*15.79*	
		For Cube Core Lay In, Add	*31.59*	
		For Stainless Steel, Add	*394.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0082	EA	30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	266.21	24.92
		For Steel Construction, Deduct	*-33.57*	
		For Grilles (No Damper), Deduct	*-67.14*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*16.79*	
		For Cube Core Lay In, Add	*33.57*	
		For Stainless Steel, Add	*419.63*	
23 37 13 13-0083	EA	30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	305.84	28.03
		For Steel Construction, Deduct	*-39.18*	
		For Grilles (No Damper), Deduct	*-78.36*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*19.59*	
		For Cube Core Lay In, Add	*39.18*	
		For Stainless Steel, Add	*489.78*	
23 37 13 13-0084	EA	30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	345.50	33.22
		For Steel Construction, Deduct	*-42.40*	
		For Grilles (No Damper), Deduct	*-84.80*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*21.20*	
		For Cube Core Lay In, Add	*42.40*	
		For Stainless Steel, Add	*530.03*	
23 37 13 13-0085	EA	30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	437.68	33.22
		For Steel Construction, Deduct	*-60.84*	
		For Grilles (No Damper), Deduct	*-121.68*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*30.42*	
		For Cube Core Lay In, Add	*60.84*	
		For Stainless Steel, Add	*760.48*	
23 37 13 13-0086	EA	36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	372.79	36.34
		For Steel Construction, Deduct	*-45.81*	
		For Grilles (No Damper), Deduct	*-91.62*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*22.90*	
		For Cube Core Lay In, Add	*45.81*	
		For Stainless Steel, Add	*572.60*	
23 37 13 13-0087	EA	36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	364.03	35.30
		For Steel Construction, Deduct	*-44.06*	
		For Grilles (No Damper), Deduct	*-88.11*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*22.03*	
		For Cube Core Lay In, Add	*44.06*	
		For Stainless Steel, Add	*550.70*	
23 37 13 13-0088	EA	36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	412.27	39.45
		For Steel Construction, Deduct	*-51.31*	
		For Grilles (No Damper), Deduct	*-102.62*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*25.65*	
		For Cube Core Lay In, Add	*51.31*	
		For Stainless Steel, Add	*641.35*	
23 37 13 13-0089	EA	36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	547.44	42.57
		For Steel Construction, Deduct	*-75.51*	
		For Grilles (No Damper), Deduct	*-151.02*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*37.76*	
		For Cube Core Lay In, Add	*75.51*	
		For Stainless Steel, Add	*943.88*	
23 37 13 13-0090	EA	24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	248.58	23.98
		For Steel Construction, Deduct	*-30.55*	
		For Grilles (No Damper), Deduct	*-61.10*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*15.28*	
		For Cube Core Lay In, Add	*30.55*	
		For Stainless Steel, Add	*381.90*	
23 37 13 13-0091	EA	32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	448.93	42.46
		For Steel Construction, Deduct	*-55.81*	
		For Grilles (No Damper), Deduct	*-111.62*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*27.90*	
		For Cube Core Lay In, Add	*55.81*	
		For Stainless Steel, Add	*697.60*	
23 37 13 13-0092	EA	48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	475.93	41.53
		For Steel Construction, Deduct	*-64.04*	
		For Grilles (No Damper), Deduct	*-128.08*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*32.02*	
		For Cube Core Lay In, Add	*64.04*	
		For Stainless Steel, Add	*800.50*	

23 37 13 13-0093 Return/Exhaust Registers Removable-Reversible *(23 37 13 13-0068)*

Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.

23 37 13 13-0094	EA	8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	76.63	8.31
		For Steel Construction, Deduct	*-4.44*	
		For Flat Frame, Deduct	*-0.44*	
		For Grilles (No Damper), Deduct	*-8.88*	
		For Stainless Steel, Add	*111.03*	
23 37 13 13-0095	EA	8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	76.63	8.31
		For Steel Construction, Deduct	*-4.44*	
		For Flat Frame, Deduct	*-0.44*	
		For Grilles (No Damper), Deduct	*-8.88*	
		For Stainless Steel, Add	*111.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0096	EA	10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	93.54	9.34
		For Steel Construction, Deduct	*-5.62*	
		For Flat Frame, Deduct	*-0.56*	
		For Grilles (No Damper), Deduct	*-11.23*	
		For Stainless Steel, Add	*140.40*	
23 37 13 13-0097	EA	10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	107.46	11.42
		For Steel Construction, Deduct	*-6.40*	
		For Flat Frame, Deduct	*-0.64*	
		For Grilles (No Damper), Deduct	*-12.80*	
		For Stainless Steel, Add	*160.00*	
23 37 13 13-0098	EA	12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	106.15	10.38
		For Steel Construction, Deduct	*-6.27*	
		For Flat Frame, Deduct	*-0.63*	
		For Grilles (No Damper), Deduct	*-12.54*	
		For Stainless Steel, Add	*156.73*	
23 37 13 13-0099	EA	12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	136.98	13.49
		For Steel Construction, Deduct	*-8.36*	
		For Flat Frame, Deduct	*-0.84*	
		For Grilles (No Damper), Deduct	*-16.72*	
		For Stainless Steel, Add	*208.98*	
23 37 13 13-0100	EA	16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	215.53	16.61
		For Steel Construction, Deduct	*-15.11*	
		For Flat Frame, Deduct	*-1.51*	
		For Grilles (No Damper), Deduct	*-30.22*	
		For Stainless Steel, Add	*377.70*	
23 37 13 13-0101	EA	18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	258.91	18.68
		For Steel Construction, Deduct	*-18.42*	
		For Flat Frame, Deduct	*-1.84*	
		For Grilles (No Damper), Deduct	*-36.83*	
		For Stainless Steel, Add	*460.40*	
23 37 13 13-0102	EA	20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	291.54	20.76
		For Steel Construction, Deduct	*-21.03*	
		For Flat Frame, Deduct	*-2.10*	
		For Grilles (No Damper), Deduct	*-42.06*	
		For Stainless Steel, Add	*525.73*	
23 37 13 13-0103	EA	24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	246.91	20.76
		For Steel Construction, Deduct	*-16.20*	
		For Flat Frame, Deduct	*-1.62*	
		For Grilles (No Damper), Deduct	*-32.39*	
		For Stainless Steel, Add	*404.90*	
23 37 13 13-0104	EA	24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	325.28	21.80
		For Steel Construction, Deduct	*-24.03*	
		For Flat Frame, Deduct	*-2.40*	
		For Grilles (No Damper), Deduct	*-48.07*	
		For Stainless Steel, Add	*600.83*	
23 37 13 13-0105	EA	24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	378.18	23.88
		For Steel Construction, Deduct	*-28.47*	
		For Flat Frame, Deduct	*-2.85*	
		For Grilles (No Damper), Deduct	*-56.95*	
		For Stainless Steel, Add	*711.85*	
23 37 13 13-0106	EA	30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	296.89	24.92
		For Steel Construction, Deduct	*-19.85*	
		For Flat Frame, Deduct	*-1.99*	
		For Grilles (No Damper), Deduct	*-39.71*	
		For Stainless Steel, Add	*496.33*	
23 37 13 13-0107	EA	30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	402.50	28.03
		For Steel Construction, Deduct	*-29.26*	
		For Flat Frame, Deduct	*-2.93*	
		For Grilles (No Damper), Deduct	*-58.51*	
		For Stainless Steel, Add	*731.43*	
23 37 13 13-0108	EA	30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	484.84	33.22
		For Steel Construction, Deduct	*-35.14*	
		For Flat Frame, Deduct	*-3.51*	
		For Grilles (No Damper), Deduct	*-70.27*	
		For Stainless Steel, Add	*878.38*	
23 37 13 13-0109	EA	30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	550.80	33.22
		For Steel Construction, Deduct	*-41.73*	
		For Flat Frame, Deduct	*-4.17*	
		For Grilles (No Damper), Deduct	*-83.46*	
		For Stainless Steel, Add	*1,043.28*	
23 37 13 13-0110	EA	36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	388.00	35.30
		For Steel Construction, Deduct	*-24.43*	
		For Flat Frame, Deduct	*-2.44*	
		For Grilles (No Damper), Deduct	*-48.85*	
		For Stainless Steel, Add	*610.63*	
23 37 13 13-0111	EA	36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	513.38	35.30
		For Steel Construction, Deduct	*-36.96*	
		For Flat Frame, Deduct	*-3.70*	
		For Grilles (No Damper), Deduct	*-73.93*	
		For Stainless Steel, Add	*924.08*	
23 37 13 13-0112	EA	36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	591.98	39.45
		For Steel Construction, Deduct	*-43.63*	
		For Flat Frame, Deduct	*-4.36*	
		For Grilles (No Damper), Deduct	*-87.25*	
		For Stainless Steel, Add	*1,090.63*	
23 37 13 13-0113	EA	36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	689.08	42.57
		For Steel Construction, Deduct	*-51.92*	
		For Flat Frame, Deduct	*-5.19*	
		For Grilles (No Damper), Deduct	*-103.84*	
		For Stainless Steel, Add	*1,297.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0114	EA	36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	725.65	42.57
		For Steel Construction, Deduct	*-55.58*	
		For Flat Frame, Deduct	*-5.56*	
		For Grilles (No Damper), Deduct	*-111.15*	
		For Stainless Steel, Add	*1,389.40*	

23 37 13 13-0115 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0068)*

23 37 13 13-0116	EA	6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	43.80	10.13
23 37 13 13-0117	EA	8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	43.80	10.13
23 37 13 13-0118	EA	8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	46.81	10.13
23 37 13 13-0119	EA	8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	48.01	10.13
23 37 13 13-0120	EA	10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	46.81	10.13
23 37 13 13-0121	EA	10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	48.01	10.13
23 37 13 13-0122	EA	10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	58.77	13.29
23 37 13 13-0123	EA	10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	59.97	13.29
23 37 13 13-0124	EA	12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	57.57	13.29
23 37 13 13-0125	EA	12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	59.97	13.29
23 37 13 13-0126	EA	12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	61.17	13.29
23 37 13 13-0127	EA	12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	62.37	13.29
23 37 13 13-0128	EA	14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	60.57	13.29
23 37 13 13-0129	EA	14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	62.97	13.29
23 37 13 13-0130	EA	14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	64.18	13.29
23 37 13 13-0131	EA	14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	69.58	13.29
23 37 13 13-0132	EA	16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	62.97	13.29
23 37 13 13-0133	EA	16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	67.18	13.29
23 37 13 13-0134	EA	16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	69.58	13.29
23 37 13 13-0135	EA	16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	91.70	19.59
23 37 13 13-0136	EA	16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	92.90	19.59
23 37 13 13-0137	EA	18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	90.49	19.59
23 37 13 13-0138	EA	18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	109.67	22.75
23 37 13 13-0139	EA	20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	89.29	19.59
23 37 13 13-0140	EA	20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	115.68	22.75
23 37 13 13-0141	EA	22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	61.77	13.29
23 37 13 13-0142	EA	22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	90.49	19.59
23 37 13 13-0143	EA	22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	130.05	25.91
23 37 13 13-0144	EA	24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	89.29	19.59
23 37 13 13-0145	EA	24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	91.70	19.59
23 37 13 13-0146	EA	24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	106.07	22.75
		For Lay-In Installation, Deduct	*-48.04*	
23 37 13 13-0147	EA	24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	109.67	22.75
23 37 13 13-0148	EA	24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	122.84	25.91
23 37 13 13-0149	EA	24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	126.44	25.91
23 37 13 13-0150	EA	24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	130.65	25.91
23 37 13 13-0151	EA	24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	138.45	25.91
		For Lay-In Installation, Deduct	*-55.02*	
23 37 13 13-0152	EA	30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	107.87	22.75
23 37 13 13-0153	EA	48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	167.12	28.40
23 37 13 13-0154	EA	48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	273.33	34.70
		For Lay-In Installation, Deduct	*-79.16*	

23 37 13 13-0155 Supply Registers and Grilles *(23 37 13 13)*

23 37 13 13-0156 Adjustable Curved Blade Register *(23 37 13 13-0155)*

Note: Ceiling mount aluminum construction four way pattern flush frame.

23 37 13 13-0157	EA	6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	70.23	8.31
		For Steel Construction, Deduct	*-5.71*	
		For Lay In Frame, Deduct	*-9.52*	
		For Three Way Pattern, Deduct	*-3.81*	
		For Two Way Pattern, Deduct	*-3.04*	
		For One Way Pattern, Deduct	*-3.04*	
		For Grille (No Damper), Deduct	*-5.71*	
		For Stainless Steel, Add	*95.15*	
23 37 13 13-0158	EA	8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	72.47	8.31
		For Steel Construction, Deduct	*-6.05*	
		For Lay In Frame, Deduct	*-10.08*	
		For Three Way Pattern, Deduct	*-4.03*	
		For Two Way Pattern, Deduct	*-3.22*	
		For One Way Pattern, Deduct	*-3.22*	
		For Grille (No Damper), Deduct	*-6.05*	
		For Stainless Steel, Add	*100.75*	
23 37 13 13-0159	EA	12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	81.62	11.42
		For Steel Construction, Deduct	*-5.71*	
		For Lay In Frame, Deduct	*-9.52*	
		For Three Way Pattern, Deduct	*-3.81*	
		For Two Way Pattern, Deduct	*-3.04*	
		For One Way Pattern, Deduct	*-3.04*	
		For Grille (No Damper), Deduct	*-5.71*	
		For Stainless Steel, Add	*95.15*	
23 37 13 13-0160	EA	10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	89.83	10.38
		For Steel Construction, Deduct	*-6.94*	
		For Lay In Frame, Deduct	*-11.57*	
		For Three Way Pattern, Deduct	*-4.63*	
		For Two Way Pattern, Deduct	*-3.70*	
		For One Way Pattern, Deduct	*-3.70*	
		For Grille (No Damper), Deduct	*-6.94*	
		For Stainless Steel, Add	*115.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0161	EA	12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	108.17	13.49
		For Steel Construction, Deduct	*-8.28*	
		For Lay In Frame, Deduct	*-13.81*	
		For Three Way Pattern, Deduct	*-5.52*	
		For Two Way Pattern, Deduct	*-4.42*	
		For One Way Pattern, Deduct	*-4.42*	
		For Grille (No Damper), Deduct	*-8.28*	
		For Stainless Steel, Add	*138.08*	
23 37 13 13-0162	EA	14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	133.12	15.58
		For Steel Construction, Deduct	*-10.30*	
		For Lay In Frame, Deduct	*-17.17*	
		For Three Way Pattern, Deduct	*-6.87*	
		For Two Way Pattern, Deduct	*-5.49*	
		For One Way Pattern, Deduct	*-5.49*	
		For Grille (No Damper), Deduct	*-10.30*	
		For Stainless Steel, Add	*171.68*	
23 37 13 13-0163	EA	16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	133.12	15.58
		For Steel Construction, Deduct	*-10.30*	
		For Lay In Frame, Deduct	*-17.17*	
		For Three Way Pattern, Deduct	*-6.87*	
		For Two Way Pattern, Deduct	*-5.49*	
		For One Way Pattern, Deduct	*-5.49*	
		For Grille (No Damper), Deduct	*-10.30*	
		For Stainless Steel, Add	*171.68*	
23 37 13 13-0164	EA	18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	164.49	20.76
		For Steel Construction, Deduct	*-12.54*	
		For Lay In Frame, Deduct	*-20.90*	
		For Three Way Pattern, Deduct	*-8.36*	
		For Two Way Pattern, Deduct	*-6.69*	
		For One Way Pattern, Deduct	*-6.69*	
		For Grille (No Damper), Deduct	*-12.54*	
		For Stainless Steel, Add	*208.98*	
23 37 13 13-0165	EA	24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	211.08	21.80
		For Steel Construction, Deduct	*-18.92*	
		For Lay In Frame, Deduct	*-31.53*	
		For Three Way Pattern, Deduct	*-12.61*	
		For Two Way Pattern, Deduct	*-10.09*	
		For One Way Pattern, Deduct	*-10.09*	
		For Grille (No Damper), Deduct	*-18.92*	
		For Stainless Steel, Add	*315.33*	
23 37 13 13-0166	EA	30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	330.25	44.02
		For Steel Construction, Deduct	*-36.33*	
		For Lay In Frame, Deduct	*-60.55*	
		For Three Way Pattern, Deduct	*-24.22*	
		For Two Way Pattern, Deduct	*-19.38*	
		For One Way Pattern, Deduct	*-19.38*	
		For Grille (No Damper), Deduct	*-36.33*	
		For Stainless Steel, Add	*605.48*	

23 37 13 13-0167 Removable-Reversible Core Registers *(23 37 13 13-0155)*

Note: Double deflection radiused frame aluminum construction.

23 37 13 13-0168	EA	6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	79.94	8.31
		For Steel Construction, Deduct	*-4.78*	
		For Flat Frame, Deduct	*-4.78*	
		For Grille (No Damper), Deduct	*-14.33*	
		For Stainless Steel, Add	*119.43*	
23 37 13 13-0169	EA	8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	99.34	8.31
		For Steel Construction, Deduct	*-6.72*	
		For Flat Frame, Deduct	*-6.72*	
		For Grille (No Damper), Deduct	*-20.15*	
		For Stainless Steel, Add	*167.93*	
23 37 13 13-0170	EA	12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	127.15	11.42
		For Steel Construction, Deduct	*-8.36*	
		For Flat Frame, Deduct	*-8.36*	
		For Grille (No Damper), Deduct	*-25.08*	
		For Stainless Steel, Add	*208.98*	
23 37 13 13-0171	EA	10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	128.64	11.42
		For Steel Construction, Deduct	*-8.51*	
		For Flat Frame, Deduct	*-8.51*	
		For Grille (No Damper), Deduct	*-25.52*	
		For Stainless Steel, Add	*212.70*	
23 37 13 13-0172	EA	12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	163.40	13.49
		For Steel Construction, Deduct	*-11.05*	
		For Flat Frame, Deduct	*-11.05*	
		For Grille (No Damper), Deduct	*-33.14*	
		For Stainless Steel, Add	*276.15*	
23 37 13 13-0173	EA	14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	230.14	16.61
		For Steel Construction, Deduct	*-16.57*	
		For Flat Frame, Deduct	*-16.57*	
		For Grille (No Damper), Deduct	*-49.71*	
		For Stainless Steel, Add	*414.23*	
23 37 13 13-0174	EA	16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	257.01	15.58
		For Steel Construction, Deduct	*-19.26*	
		For Flat Frame, Deduct	*-19.26*	
		For Grille (No Damper), Deduct	*-57.77*	
		For Stainless Steel, Add	*481.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0175	EA	18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	310.78	20.76
		For Steel Construction, Deduct	*-22.99*	
		For Flat Frame, Deduct	*-22.99*	
		For Grille (No Damper), Deduct	*-68.96*	
		For Stainless Steel, Add	*574.70*	
23 37 13 13-0176	EA	24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	387.97	20.76
		For Steel Construction, Deduct	*-30.30*	
		For Flat Frame, Deduct	*-30.30*	
		For Grille (No Damper), Deduct	*-90.91*	
		For Stainless Steel, Add	*757.55*	

23 37 13 13-0177 Adjustable Shutter Blade Registers *(23 37 13 13-0155)*

Note: Double deflection flat frame aluminum construction.

23 37 13 13-0178	EA	6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	119.25	8.31
		For Steel Construction, Deduct	*-8.71*	
		For Single Deflection, Deduct	*-17.42*	
		For Grille (No Damper), Deduct	*-13.06*	
		For Stainless Steel, Add	*217.70*	
23 37 13 13-0179	EA	8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	136.66	8.31
		For Steel Construction, Deduct	*-10.45*	
		For Single Deflection, Deduct	*-20.90*	
		For Grille (No Damper), Deduct	*-15.67*	
		For Stainless Steel, Add	*261.23*	
23 37 13 13-0180	EA	12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	148.05	11.42
		For Steel Construction, Deduct	*-10.45*	
		For Single Deflection, Deduct	*-20.90*	
		For Grille (No Damper), Deduct	*-15.67*	
		For Stainless Steel, Add	*261.23*	
23 37 13 13-0181	EA	10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	153.03	10.38
		For Steel Construction, Deduct	*-10.95*	
		For Single Deflection, Deduct	*-21.89*	
		For Grille (No Damper), Deduct	*-16.42*	
		For Stainless Steel, Add	*273.68*	
23 37 13 13-0182	EA	12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	187.28	13.49
		For Steel Construction, Deduct	*-13.43*	
		For Single Deflection, Deduct	*-26.87*	
		For Grille (No Damper), Deduct	*-20.15*	
		For Stainless Steel, Add	*335.85*	
23 37 13 13-0183	EA	14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	248.55	15.58
		For Steel Construction, Deduct	*-18.41*	
		For Single Deflection, Deduct	*-36.82*	
		For Grille (No Damper), Deduct	*-27.62*	
		For Stainless Steel, Add	*460.25*	
23 37 13 13-0184	EA	16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	290.85	16.61
		For Steel Construction, Deduct	*-22.64*	
		For Single Deflection, Deduct	*-45.28*	
		For Grille (No Damper), Deduct	*-33.96*	
		For Stainless Steel, Add	*566.00*	
23 37 13 13-0185	EA	18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	359.54	20.76
		For Steel Construction, Deduct	*-27.86*	
		For Single Deflection, Deduct	*-55.73*	
		For Grille (No Damper), Deduct	*-41.80*	
		For Stainless Steel, Add	*696.60*	
23 37 13 13-0186	EA	24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	490.47	21.80
		For Steel Construction, Deduct	*-40.55*	
		For Single Deflection, Deduct	*-81.10*	
		For Grille (No Damper), Deduct	*-60.83*	
		For Stainless Steel, Add	*1,013.80*	

23 37 13 13-0187 Air Conditioning And Ventilation *(23 37 13 13-0155)*

23 37 13 13-0188	EA	10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	69.45	21.80
		For Stainless Steel, Add	*64.73*	
23 37 13 13-0189	EA	18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	116.66	32.45
		For Stainless Steel, Add	*129.43*	
23 37 13 13-0190	EA	30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	177.13	45.42
		For Stainless Steel, Add	*215.73*	
23 37 13 13-0191	EA	48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	409.34	62.29
		For Stainless Steel, Add	*711.88*	

23 37 13 13-0192 Square Wall Return Air And Exhaust Grilles *(23 37 13 13-0155)*

Note: Egg crate design aluminum construction.

23 37 13 13-0193	EA	8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	67.48	25.96
23 37 13 13-0194	EA	12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	72.26	25.96
23 37 13 13-0195	EA	18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	107.80	38.95
23 37 13 13-0196	EA	24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	131.73	38.95
23 37 13 13-0197	EA	28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	211.55	51.92
23 37 13 13-0198	EA	36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	356.21	51.91

23 37 13 13-0199 Rectangular Four-Way Adjustable Deflection Wall Supply Grilles *(23 37 13 13-0155)*

Note: Aluminum construction.

23 37 13 13-0200	EA	12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	177.62	18.69
23 37 13 13-0201	EA	14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	200.01	18.69
23 37 13 13-0202	EA	18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	239.82	20.77
23 37 13 13-0203	EA	24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	279.59	20.77
23 37 13 13-0204	EA	36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	365.25	64.90

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0205		**Square Ceiling Return Air And Exhaust Grilles** *(23 37 13 13-0155)*		
		Note: Egg crate design, plastic construction.		
23 37 13 13-0206	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	36.87	12.43
23 37 13 13-0207	EA	24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	51.66	12.52
23 37 13 13-0208		**Door Grilles Sight Proof Inverted Vee Cross Section** *(23 37 13 13-0155)*		
		Note: Painted steel louvers and frame.		
23 37 13 13-0209	EA	12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	101.01	18.69
23 37 13 13-0210	EA	12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	130.35	18.69
23 37 13 13-0211	EA	18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	157.72	19.73
23 37 13 13-0212	EA	24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	209.96	23.57
23 37 13 13-0213	EA	24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	234.53	43.30
23 37 13 13-0214		**Stainless Steel Devices** *(23 37 13 13-0155)*		
23 37 13 13-0215		**304 Stainless Steel, Louvered Partition/Door Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0216	SF	Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	169.33	16.20
		For 316 Stainless Steel, Add	*28.47*	
23 37 13 13-0217	SF	>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	143.36	16.20
		For 316 Stainless Steel, Add	*23.27*	
23 37 13 13-0218		**304 Stainless Steel, Single Deflection Supply Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0219	SF	Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	128.97	16.20
		For 316 Stainless Steel, Add	*20.39*	
23 37 13 13-0220	SF	>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	110.08	16.20
		For 316 Stainless Steel, Add	*16.62*	
23 37 13 13-0221		**304 Stainless Steel, Double Deflection Supply Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0222	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	187.39	16.20
		For 316 Stainless Steel, Add	*32.08*	
23 37 13 13-0223	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	160.13	16.20
		For 316 Stainless Steel, Add	*26.63*	
23 37 13 13-0224		**304 Stainless Steel Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0225	SF	Up To 4 SF, 304 Stainless Steel Return Grille	128.97	16.20
		For 316 Stainless Steel, Add	*20.39*	
23 37 13 13-0226	SF	>4 SF, 304 Stainless Steel Return Grille	110.08	16.20
		For 316 Stainless Steel, Add	*16.62*	
23 37 13 13-0227		**304 Stainless Steel, Louvered Supply/Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0228	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	128.97	16.20
		For 316 Stainless Steel, Add	*20.39*	
23 37 13 13-0229	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	110.08	16.20
		For 316 Stainless Steel, Add	*16.62*	
23 37 13 13-0230		**304 Stainless Steel, Perforated Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0231	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	128.97	16.20
		For 316 Stainless Steel, Add	*20.39*	
23 37 13 13-0232	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	104.89	16.20
		For 316 Stainless Steel, Add	*15.58*	
23 37 13 13-0233		**304 Stainless Steel, Perforated Supply Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0234	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	155.52	16.20
		For 316 Stainless Steel, Add	*25.70*	
23 37 13 13-0235	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	107.65	16.20
		For 316 Stainless Steel, Add	*16.13*	
23 37 13 13-0236		**304 Stainless Steel, Door Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0237	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	230.94	16.20
		For 316 Stainless Steel, Add	*40.79*	
23 37 13 13-0238	SF	>4 SF, 304 Stainless Steel, Door Grille	193.18	16.20
		For 316 Stainless Steel, Add	*33.24*	
23 37 13 13-0239		**304 Stainless Steel, Linear Bar Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0240	SF	Up To 4 SF, 304 Stainless Steel, Linear Bar Grille	294.32	16.20
		For 316 Stainless Steel, Add	*53.46*	
23 37 13 13-0241	SF	>4 SF, 304 Stainless Steel, Linear Bar Grille	252.41	16.20
		For 316 Stainless Steel, Add	*45.08*	
23 37 13 13-0242		**304 Stainless Steel, Hinged Filter Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0243	SF	Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille	217.13	16.20
		For 316 Stainless Steel, Add	*38.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0244	SF	>4 SF, 304 Stainless Steel, Hinged Filter Grille	151.04	16.20
		For 316 Stainless Steel, Add	*24.81*	

23 37 13 13-0245 304 Stainless Steel, Opposed Blade Dampers Grilles *(23 37 13 13-0214)*

23 37 13 13-0246	SF	Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille	118.35	16.20
		For 316 Stainless Steel, Add	*18.27*	
23 37 13 13-0247	SF	Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF	90.85	16.20
		For 316 Stainless Steel, Add	*12.77*	

23 37 13 13-0248 304 Stainless Steel, Plaster Frames Replacement *(23 37 13 13-0214)*

Note: For frequent replacement.

23 37 13 13-0249	SF	To 4 SF, 304 Stainless Steel, Plaster Frames Replacement	92.86	16.20
		For 316 Stainless Steel, Add	*13.17*	
23 37 13 13-0250	SF	>4 SF, 304 Stainless Steel, Plaster Frames Replacement	50.72	16.20
		For 316 Stainless Steel, Add	*4.74*	

23 37 13 13-0251 304 Stainless Steel, Modular Louvered Ceiling Diffusers *(23 37 13 13-0214)*

23 37 13 13-0252	SF	Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	213.94	16.20
		For 316 Stainless Steel, Add	*37.39*	
23 37 13 13-0253	SF	>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	168.04	16.20
		For 316 Stainless Steel, Add	*28.21*	

23 37 13 13-0254 304 Stainless Steel, Latticed Supply/Return Grilles *(23 37 13 13-0214)*

23 37 13 13-0255	SF	Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	76.92	16.20
		For 316 Stainless Steel, Add	*9.98*	
23 37 13 13-0256	SF	>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	76.92	16.20
		For 316 Stainless Steel, Add	*9.98*	

23 37 13 13-0257 Removal And Reinstallation Of Distribution Devices *(23 37 13 13)*

Note: Includes storage and cleaning. Excludes ductwork.

23 37 13 13-0258	EA	Removal And Reinstallation Of Variable Air Volume Terminal Unit	194.67
23 37 13 13-0259	EA	Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	214.71
23 37 13 13-0260	EA	Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	32.18
23 37 13 13-0261	EA	Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	43.58

23 37 13 43 Security Registers and Grilles *(23 37 13)*

23 37 13 43-0001 Security Supply Or Return Grille *(23 37 13 43)*

Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.

23 37 13 43-0002	EA	8" x 4" Steel Security Grille	165.81	15.57
		For Anchoring Tabs, Add	*13.47*	
		For Angle Iron Frame, Add	*23.31*	
		For Rear Operated Opposed Blade Damper, Add	*50.25*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*33.67*	
		For Stainless Steel, Add	*175.06*	
23 37 13 43-0003	EA	8" x 6" Steel Security Grille	183.18	16.09
		For Anchoring Tabs, Add	*15.10*	
		For Angle Iron Frame, Add	*25.87*	
		For Rear Operated Opposed Blade Damper, Add	*56.07*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*37.75*	
		For Stainless Steel, Add	*196.29*	
23 37 13 43-0004	EA	8" x 8" Steel Security Grille	209.77	18.18
		For Anchoring Tabs, Add	*17.34*	
		For Angle Iron Frame, Add	*29.65*	
		For Rear Operated Opposed Blade Damper, Add	*64.33*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*43.36*	
		For Stainless Steel, Add	*225.46*	
23 37 13 43-0005	EA	10" x 4" Steel Security Grille	184.26	17.65
		For Anchoring Tabs, Add	*14.90*	
		For Angle Iron Frame, Add	*25.87*	
		For Rear Operated Opposed Blade Damper, Add	*55.66*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*37.24*	
		For Stainless Steel, Add	*193.64*	
23 37 13 43-0006	EA	10" x 6" Steel Security Grille	196.53	18.69
		For Anchoring Tabs, Add	*15.92*	
		For Angle Iron Frame, Add	*27.61*	
		For Rear Operated Opposed Blade Damper, Add	*59.44*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*39.79*	
		For Stainless Steel, Add	*206.90*	
23 37 13 43-0007	EA	10" x 8" Steel Security Grille	224.12	20.25
		For Anchoring Tabs, Add	*18.36*	
		For Angle Iron Frame, Add	*31.59*	
		For Rear Operated Opposed Blade Damper, Add	*68.32*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*45.91*	
		For Stainless Steel, Add	*238.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0008	EA	10" x 10" Steel Security Grille	249.69	21.81
		For Anchoring Tabs, Add	*20.61*	
		For Angle Iron Frame, Add	*35.27*	
		For Rear Operated Opposed Blade Damper, Add	*76.49*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*51.52*	
		For Stainless Steel, Add	*267.90*	
23 37 13 43-0009	EA	12" x 4" Steel Security Grille	194.53	19.73
		For Anchoring Tabs, Add	*15.51*	
		For Angle Iron Frame, Add	*27.21*	
		For Rear Operated Opposed Blade Damper, Add	*58.22*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*38.77*	
		For Stainless Steel, Add	*201.59*	
23 37 13 43-0010	EA	12" x 6" Steel Security Grille	217.04	21.81
		For Anchoring Tabs, Add	*17.34*	
		For Angle Iron Frame, Add	*30.38*	
		For Rear Operated Opposed Blade Damper, Add	*65.06*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*43.36*	
		For Stainless Steel, Add	*225.46*	
23 37 13 43-0011	EA	12" x 8" Steel Security Grille	246.69	23.36
		For Anchoring Tabs, Add	*20.00*	
		For Angle Iron Frame, Add	*34.67*	
		For Rear Operated Opposed Blade Damper, Add	*74.66*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*49.99*	
		For Stainless Steel, Add	*259.95*	
23 37 13 43-0012	EA	12" x 10" Steel Security Grille	268.16	24.92
		For Anchoring Tabs, Add	*21.83*	
		For Angle Iron Frame, Add	*37.73*	
		For Rear Operated Opposed Blade Damper, Add	*81.40*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*54.58*	
		For Stainless Steel, Add	*283.82*	
23 37 13 43-0013	EA	12" x 12" Steel Security Grille	295.76	26.48
		For Anchoring Tabs, Add	*24.28*	
		For Angle Iron Frame, Add	*41.72*	
		For Rear Operated Opposed Blade Damper, Add	*90.28*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*60.70*	
		For Stainless Steel, Add	*315.64*	
23 37 13 43-0014	EA	14" x 4" Steel Security Grille	207.84	21.29
		For Anchoring Tabs, Add	*16.53*	
		For Angle Iron Frame, Add	*29.05*	
		For Rear Operated Opposed Blade Damper, Add	*62.10*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*41.32*	
		For Stainless Steel, Add	*214.85*	
23 37 13 43-0015	EA	14" x 6" Steel Security Grille	233.40	22.84
		For Anchoring Tabs, Add	*18.77*	
		For Angle Iron Frame, Add	*32.73*	
		For Rear Operated Opposed Blade Damper, Add	*70.27*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*46.93*	
		For Stainless Steel, Add	*244.02*	
23 37 13 43-0016	EA	14" x 8" Steel Security Grille	260.00	24.92
		For Anchoring Tabs, Add	*21.02*	
		For Angle Iron Frame, Add	*36.51*	
		For Rear Operated Opposed Blade Damper, Add	*78.54*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*52.54*	
		For Stainless Steel, Add	*273.21*	
23 37 13 43-0017	EA	14" x 10" Steel Security Grille	292.72	27.00
		For Anchoring Tabs, Add	*23.87*	
		For Angle Iron Frame, Add	*41.21*	
		For Rear Operated Opposed Blade Damper, Add	*88.95*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*59.68*	
		For Stainless Steel, Add	*310.34*	
23 37 13 43-0018	EA	14" x 12" Steel Security Grille	322.39	29.60
		For Anchoring Tabs, Add	*26.32*	
		For Angle Iron Frame, Add	*45.40*	
		For Rear Operated Opposed Blade Damper, Add	*98.04*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*65.80*	
		For Stainless Steel, Add	*342.17*	
23 37 13 43-0019	EA	14" x 14" Steel Security Grille	346.95	31.67
		For Anchoring Tabs, Add	*28.36*	
		For Angle Iron Frame, Add	*48.88*	
		For Rear Operated Opposed Blade Damper, Add	*105.60*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*70.90*	
		For Stainless Steel, Add	*368.69*	
23 37 13 43-0020	EA	16" x 6" Steel Security Grille	249.80	24.92
		For Anchoring Tabs, Add	*20.00*	
		For Angle Iron Frame, Add	*34.98*	
		For Rear Operated Opposed Blade Damper, Add	*74.97*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*49.99*	
		For Stainless Steel, Add	*259.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0021	EA	16" x 8" Steel Security Grille	284.56	27.00
		For Anchoring Tabs, Add	*23.06*	
		For Angle Iron Frame, Add	*39.98*	
		For Rear Operated Opposed Blade Damper, Add	*86.10*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*57.64*	
		For Stainless Steel, Add	*299.73*	
23 37 13 43-0022	EA	16" x 10" Steel Security Grille	307.07	29.07
		For Anchoring Tabs, Add	*24.89*	
		For Angle Iron Frame, Add	*43.15*	
		For Rear Operated Opposed Blade Damper, Add	*92.94*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*62.23*	
		For Stainless Steel, Add	*323.60*	
23 37 13 43-0023	EA	16" x 12" Steel Security Grille	344.87	30.63
		For Anchoring Tabs, Add	*28.36*	
		For Angle Iron Frame, Add	*48.67*	
		For Rear Operated Opposed Blade Damper, Add	*105.39*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*70.90*	
		For Stainless Steel, Add	*368.69*	
23 37 13 43-0024	EA	16" x 14" Steel Security Grille	365.35	32.71
		For Anchoring Tabs, Add	*29.99*	
		For Angle Iron Frame, Add	*51.53*	
		For Rear Operated Opposed Blade Damper, Add	*111.52*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*74.98*	
		For Stainless Steel, Add	*389.91*	
23 37 13 43-0025	EA	16" x 16" Steel Security Grille	396.03	34.78
		For Anchoring Tabs, Add	*32.65*	
		For Angle Iron Frame, Add	*55.93*	
		For Rear Operated Opposed Blade Damper, Add	*121.22*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*81.62*	
		For Stainless Steel, Add	*424.40*	
23 37 13 43-0026	EA	18" x 6" Steel Security Grille	266.23	28.04
		For Anchoring Tabs, Add	*21.02*	
		For Angle Iron Frame, Add	*37.13*	
		For Rear Operated Opposed Blade Damper, Add	*79.16*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*52.54*	
		For Stainless Steel, Add	*273.21*	
23 37 13 43-0027	EA	18" x 8" Steel Security Grille	303.03	30.12
		For Anchoring Tabs, Add	*24.28*	
		For Angle Iron Frame, Add	*42.44*	
		For Rear Operated Opposed Blade Damper, Add	*91.00*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*60.70*	
		For Stainless Steel, Add	*315.64*	
23 37 13 43-0028	EA	18" x 10" Steel Security Grille	331.67	32.19
		For Anchoring Tabs, Add	*26.73*	
		For Angle Iron Frame, Add	*46.53*	
		For Rear Operated Opposed Blade Damper, Add	*99.99*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*66.82*	
		For Stainless Steel, Add	*347.48*	
23 37 13 43-0029	EA	18" x 12" Steel Security Grille	364.38	34.27
		For Anchoring Tabs, Add	*29.59*	
		For Angle Iron Frame, Add	*51.23*	
		For Rear Operated Opposed Blade Damper, Add	*110.40*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*73.96*	
		For Stainless Steel, Add	*384.61*	
23 37 13 43-0030	EA	18" x 14" Steel Security Grille	387.84	33.75
		For Anchoring Tabs, Add	*32.03*	
		For Angle Iron Frame, Add	*54.80*	
		For Rear Operated Opposed Blade Damper, Add	*118.87*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*80.09*	
		For Stainless Steel, Add	*416.44*	
23 37 13 43-0031	EA	18" x 16" Steel Security Grille	423.59	35.31
		For Anchoring Tabs, Add	*35.30*	
		For Angle Iron Frame, Add	*60.01*	
		For Rear Operated Opposed Blade Damper, Add	*130.60*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*88.25*	
		For Stainless Steel, Add	*458.87*	
23 37 13 43-0032	EA	18" x 18" Steel Security Grille	453.24	36.86
		For Anchoring Tabs, Add	*37.95*	
		For Angle Iron Frame, Add	*64.30*	
		For Rear Operated Opposed Blade Damper, Add	*140.20*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*94.88*	
		For Stainless Steel, Add	*493.36*	
23 37 13 43-0033	EA	20" x 6" Steel Security Grille	285.70	30.63
		For Anchoring Tabs, Add	*22.44*	
		For Angle Iron Frame, Add	*39.79*	
		For Rear Operated Opposed Blade Damper, Add	*84.68*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*56.11*	
		For Stainless Steel, Add	*291.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0034	EA	20" x 8" Steel Security Grille	322.55	33.75
		For Anchoring Tabs, Add	*25.51*	
		For Angle Iron Frame, Add	*45.01*	
		For Rear Operated Opposed Blade Damper, Add	*96.02*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*63.76*	
		For Stainless Steel, Add	*331.57*	
23 37 13 43-0035	EA	20" x 10" Steel Security Grille	354.22	35.31
		For Anchoring Tabs, Add	*28.36*	
		For Angle Iron Frame, Add	*49.60*	
		For Rear Operated Opposed Blade Damper, Add	*106.32*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*70.90*	
		For Stainless Steel, Add	*368.69*	
23 37 13 43-0036	EA	20" x 12" Steel Security Grille	388.98	37.39
		For Anchoring Tabs, Add	*31.42*	
		For Angle Iron Frame, Add	*54.61*	
		For Rear Operated Opposed Blade Damper, Add	*117.45*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*78.56*	
		For Stainless Steel, Add	*408.49*	
23 37 13 43-0037	EA	20" x 14" Steel Security Grille	426.77	38.95
		For Anchoring Tabs, Add	*34.89*	
		For Angle Iron Frame, Add	*60.12*	
		For Rear Operated Opposed Blade Damper, Add	*129.90*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*87.23*	
		For Stainless Steel, Add	*453.57*	
23 37 13 43-0038	EA	20" x 16" Steel Security Grille	460.50	40.49
		For Anchoring Tabs, Add	*37.95*	
		For Angle Iron Frame, Add	*65.03*	
		For Rear Operated Opposed Blade Damper, Add	*140.93*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*94.88*	
		For Stainless Steel, Add	*493.36*	
23 37 13 43-0039	EA	20" x 18" Steel Security Grille	492.17	42.05
		For Anchoring Tabs, Add	*40.81*	
		For Angle Iron Frame, Add	*69.62*	
		For Rear Operated Opposed Blade Damper, Add	*151.23*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*102.02*	
		For Stainless Steel, Add	*530.49*	
23 37 13 43-0040	EA	20" x 20" Steel Security Grille	529.98	43.61
		For Anchoring Tabs, Add	*44.28*	
		For Angle Iron Frame, Add	*75.14*	
		For Rear Operated Opposed Blade Damper, Add	*163.69*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*110.69*	
		For Stainless Steel, Add	*575.59*	
23 37 13 43-0041	EA	24" x 6" Steel Security Grille	317.45	34.27
		For Anchoring Tabs, Add	*24.89*	
		For Angle Iron Frame, Add	*44.19*	
		For Rear Operated Opposed Blade Damper, Add	*93.98*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*62.23*	
		For Stainless Steel, Add	*323.60*	
23 37 13 43-0042	EA	24" x 8" Steel Security Grille	358.36	37.39
		For Anchoring Tabs, Add	*28.36*	
		For Angle Iron Frame, Add	*50.02*	
		For Rear Operated Opposed Blade Damper, Add	*106.74*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*70.90*	
		For Stainless Steel, Add	*368.69*	
23 37 13 43-0043	EA	24" x 10" Steel Security Grille	391.06	38.42
		For Anchoring Tabs, Add	*31.42*	
		For Angle Iron Frame, Add	*54.82*	
		For Rear Operated Opposed Blade Damper, Add	*117.66*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*78.56*	
		For Stainless Steel, Add	*408.49*	
23 37 13 43-0044	EA	24" x 12" Steel Security Grille	438.12	42.57
		For Anchoring Tabs, Add	*35.30*	
		For Angle Iron Frame, Add	*61.46*	
		For Rear Operated Opposed Blade Damper, Add	*132.06*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*88.25*	
		For Stainless Steel, Add	*458.87*	
23 37 13 43-0045	EA	24" x 14" Steel Security Grille	471.85	44.13
		For Anchoring Tabs, Add	*38.36*	
		For Angle Iron Frame, Add	*66.36*	
		For Rear Operated Opposed Blade Damper, Add	*143.08*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*95.90*	
		For Stainless Steel, Add	*498.67*	
23 37 13 43-0046	EA	24" x 16" Steel Security Grille	513.72	45.69
		For Anchoring Tabs, Add	*42.24*	
		For Angle Iron Frame, Add	*72.49*	
		For Rear Operated Opposed Blade Damper, Add	*156.96*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*105.59*	
		For Stainless Steel, Add	*549.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0047	EA	24" x 18" Steel Security Grille	561.72	47.25
		For Anchoring Tabs, Add	*46.72*	
		For Angle Iron Frame, Add	*79.53*	
		For Rear Operated Opposed Blade Damper, Add	*172.98*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*116.81*	
		For Stainless Steel, Add	*607.41*	
23 37 13 43-0048	EA	24" x 20" Steel Security Grille	595.44	48.81
		For Anchoring Tabs, Add	*49.79*	
		For Angle Iron Frame, Add	*84.44*	
		For Rear Operated Opposed Blade Damper, Add	*184.01*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*124.46*	
		For Stainless Steel, Add	*647.21*	
23 37 13 43-0049	EA	24" x 24" Steel Security Grille	666.96	51.92
		For Anchoring Tabs, Add	*56.31*	
		For Angle Iron Frame, Add	*94.85*	
		For Rear Operated Opposed Blade Damper, Add	*207.48*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*140.79*	
		For Stainless Steel, Add	*732.08*	

23 37 23 HVAC Gravity Ventilators *(23 37)*

23 37 23 13 HVAC Gravity Dome Ventilators *(23 37 23)*

23 37 23 13-0001 Rectangular Gravity Intake/Refilf Ventilator Hood *(23 37 23 13)*

Note: Includes flange base and bird screen. Excludes curb.

23 37 23 13-0002	EA	8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	565.49	60.21
23 37 23 13-0003	EA	8" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	603.70	68.94
23 37 23 13-0004	EA	8" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	754.27	85.75
23 37 23 13-0005	EA	8" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	803.40	91.26
23 37 23 13-0006	EA	8" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	937.59	106.21
23 37 23 13-0007	EA	10" x 10" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	664.49	68.52
23 37 23 13-0008	EA	12" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	732.30	77.25
23 37 23 13-0009	EA	12" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	842.91	83.06
23 37 23 13-0010	EA	12" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	928.38	100.67
23 37 23 13-0011	EA	12" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,059.83	107.98
23 37 23 13-0012	EA	12" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,191.14	114.62
23 37 23 13-0013	EA	14" x 14" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	789.34	78.18
23 37 23 13-0014	EA	14" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	899.51	89.08
23 37 23 13-0015	EA	14" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,009.68	99.98
23 37 23 13-0016	EA	14" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,138.12	112.75
23 37 23 13-0017	EA	14" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,285.05	127.28
23 37 23 13-0018	EA	16" x 16" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	954.53	94.58
23 37 23 13-0019	EA	16" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	991.28	98.21
23 37 23 13-0020	EA	16" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,101.45	109.12
23 37 23 13-0021	EA	16" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,248.27	123.65
23 37 23 13-0022	EA	16" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,395.08	138.18
23 37 23 13-0023	EA	16" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,597.04	158.22
23 37 23 13-0024	EA	18" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	947.97	93.24
23 37 23 13-0025	EA	18" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,103.05	108.50
23 37 23 13-0026	EA	18" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,258.23	123.75
23 37 23 13-0027	EA	18" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,430.56	140.68
23 37 23 13-0028	EA	18" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,585.65	155.94
23 37 23 13-0029	EA	20" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,001.84	103.41
23 37 23 13-0030	EA	20" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,133.17	117.01
23 37 23 13-0031	EA	20" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,264.60	130.50
23 37 23 13-0032	EA	20" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,461.71	150.85
23 37 23 13-0033	EA	20" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,609.48	166.12
23 37 23 13-0034	EA	24" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,273.32	139.02
23 37 23 13-0035	EA	24" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,413.04	154.28
23 37 23 13-0036	EA	24" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,614.93	176.29
23 37 23 13-0037	EA	24" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,770.21	193.22
23 37 23 13-0038	EA	24" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,941.02	211.90
23 37 23 13-0039	EA	30" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,521.04	158.22
23 37 23 13-0040	EA	30" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,675.97	174.32
23 37 23 13-0041	EA	30" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,845.05	191.86
23 37 23 13-0042	EA	30" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,014.03	209.52
23 37 23 13-0043	EA	30" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,450.59	254.89
23 37 23 13-0044	EA	30" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,619.67	272.43
23 37 23 13-0045	EA	36" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,770.94	196.32
23 37 23 13-0046	EA	36" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,942.68	215.33
23 37 23 13-0047	EA	36" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,325.95	257.79
23 37 23 13-0048	EA	36" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,590.21	287.07
23 37 23 13-0049	EA	36" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,748.88	304.72
23 37 23 13-0050	EA	36" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,960.28	328.08
23 37 23 13-0051	EA	36" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,330.36	369.09
23 37 23 13-0052	EA	42" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,095.37	219.79
23 37 23 13-0053	EA	42" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,601.50	272.85
23 37 23 13-0054	EA	42" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,966.46	311.16
23 37 23 13-0055	EA	42" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,072.34	322.27
23 37 23 13-0056	EA	42" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,425.51	359.22
23 37 23 13-0057	EA	42" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,766.87	395.04
23 37 23 13-0058	EA	48" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,799.44	317.28
23 37 23 13-0059	EA	48" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,028.26	343.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 23 13-0060	EA	48" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,256.97	369.20
23 37 23 13-0061	EA	48" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,616.43	409.89
23 37 23 13-0062	EA	48" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,806.57	415.29
23 37 23 13-0063	EA	54" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,236.63	357.67
23 37 23 13-0064	EA	54" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,630.55	401.18
23 37 23 13-0065	EA	54" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,939.35	435.32
23 37 23 13-0066	EA	54" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,194.79	463.57
23 37 23 13-0067	EA	60" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,033.63	445.30
23 37 23 13-0068	EA	60" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,244.43	474.68
23 37 23 13-0069	EA	60" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,552.82	511.12
23 37 23 13-0070	EA	66" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,290.62	513.51
23 37 23 13-0071	EA	66" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,017.41	600.51
23 37 23 13-0072	EA	72" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,093.50	553.69

23 38 Ventilation Hoods *(23 30)*

23 38 13 Commercial-Kitchen Hoods *(23 38)*

23 38 13 13 Listed Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 13-0001 Universal Ventless Hood *(23 38 13 13)*

23 38 13 13-0002	EA	109" Wide x 50" Deep x 102" High, Ventless Exhaust Hood With Stand, (Wells WVU-96)	30,356.75	413.76

23 38 13 16 Standard Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 16-0001 Commercial Kitchen Hood Ventilation System *(23 38 13 16)*

Note: Excludes fire suppression. See CSI section 21 24 16 00-0000 for fire suppression system, 23 31 13 23-0000 for duct, 23 34 16 00-0108 for exhaust and supply fans.

23 38 13 16-0002 Dry Filter Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.

23 38 13 16-0003	EA	8' Long x 60" Deep Dry Filter Exhaust Hood	7,578.08	776.29
23 38 13 16-0004	EA	8'-6" Long x 60" Deep Dry Filter Exhaust Hood	7,903.30	824.81
23 38 13 16-0005	EA	9' Long x 60" Deep Dry Filter Exhaust Hood	8,790.14	873.32
23 38 13 16-0006	EA	9'-6" Long x 60" Deep Dry Filter Exhaust Hood	9,068.22	921.84
23 38 13 16-0007	EA	10' Long x 60" Deep Dry Filter Exhaust Hood	9,401.41	970.36
23 38 13 16-0008	EA	10'-6" Long x 60" Deep Dry Filter Exhaust Hood	9,751.83	1,018.88
23 38 13 16-0009	EA	11' Long x 60" Deep Dry Filter Exhaust Hood	10,085.59	1,067.40
23 38 13 16-0010	EA	11'-6" Long x 60" Deep Dry Filter Exhaust Hood	10,428.89	1,115.92
23 38 13 16-0011	EA	12' Long x 60" Deep Dry Filter Exhaust Hood	10,807.78	1,164.43
23 38 13 16-0012	EA	12'-6" Long x 60" Deep Dry Filter Exhaust Hood	11,139.11	1,212.95
23 38 13 16-0013	EA	13' Long x 60" Deep Dry Filter Exhaust Hood	11,418.12	1,261.47
23 38 13 16-0014	EA	13'-6" Long x 60" Deep Dry Filter Exhaust Hood	11,871.29	1,309.99
23 38 13 16-0015	EA	14' Long x 60" Deep Dry Filter Exhaust Hood	13,226.32	1,358.51
23 38 13 16-0016	EA	14'-6" Long x 60" Deep Dry Filter Exhaust Hood	13,589.86	1,407.02
23 38 13 16-0017	EA	15" Long x 60" Deep Dry Filter Exhaust Hood	14,072.23	1,455.54
23 38 13 16-0018	EA	15"-6" Long x 60" Deep Dry Filter Exhaust Hood	14,442.83	1,504.06
23 38 13 16-0019	EA	16' Long x 60" Deep Dry Filter Exhaust Hood	14,983.71	1,552.58

23 38 13 16-0020 Dry Extractor Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.

23 38 13 16-0021	EA	8' Long x 60" Deep Dry Extractor Exhaust Hood	10,446.17	776.29
23 38 13 16-0022	EA	8'-6" Long x 60" Deep Dry Extractor Exhaust Hood	10,789.54	824.81
23 38 13 16-0023	EA	9' Long x 60" Deep Dry Extractor Exhaust Hood	11,730.85	873.32
23 38 13 16-0024	EA	9'-6" Long x 60" Deep Dry Extractor Exhaust Hood	12,081.53	921.84
23 38 13 16-0025	EA	10' Long x 60" Deep Dry Extractor Exhaust Hood	12,432.87	970.36
23 38 13 16-0026	EA	10'-6" Long x 60" Deep Dry Extractor Exhaust Hood	12,765.15	1,018.88
23 38 13 16-0027	EA	11' Long x 60" Deep Dry Extractor Exhaust Hood	13,117.05	1,067.40
23 38 13 16-0028	EA	11'-6" Long x 60" Deep Dry Extractor Exhaust Hood	13,451.28	1,115.92
23 38 13 16-0029	EA	12' Long x 60" Deep Dry Extractor Exhaust Hood	13,766.64	1,164.43
23 38 13 16-0030	EA	12'-6" Long x 60" Deep Dry Extractor Exhaust Hood	14,206.88	1,212.95
23 38 13 16-0031	EA	13' Long x 60" Deep Dry Extractor Exhaust Hood	14,712.80	1,261.47
23 38 13 16-0032	EA	13'-6" Long x 60" Deep Dry Extractor Exhaust Hood	15,247.65	1,309.99
23 38 13 16-0033	EA	14' Long x 60" Deep Dry Extractor Exhaust Hood	16,339.47	1,358.51
23 38 13 16-0034	EA	14'-6" Long x 60" Deep Dry Extractor Exhaust Hood	16,884.54	1,407.02
23 38 13 16-0035	EA	15" Long x 60" Deep Dry Extractor Exhaust Hood	17,920.56	1,455.54
23 38 13 16-0036	EA	15"-6" Long x 60" Deep Dry Extractor Exhaust Hood	18,971.87	1,504.06
23 38 13 16-0037	EA	16' Long x 60" Deep Dry Extractor Exhaust Hood	20,011.95	1,552.58

23 38 13 16-0038 Single Manifold Water Wash Exhaust Hoods *(23 38 13 16-0001)*

Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.

23 38 13 16-0039	EA	8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	11,172.27	776.29
23 38 13 16-0040	EA	8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	11,533.80	824.81
23 38 13 16-0041	EA	9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	12,493.25	873.32
23 38 13 16-0042	EA	9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	12,853.01	921.84
23 38 13 16-0043	EA	10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	13,231.59	970.36
23 38 13 16-0044	EA	10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	13,582.01	1,018.88
23 38 13 16-0045	EA	11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	13,942.99	1,067.40
23 38 13 16-0046	EA	11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	14,304.45	1,115.92
23 38 13 16-0047	EA	12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	14,628.88	1,164.43
23 38 13 16-0048	EA	12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	15,105.43	1,212.95
23 38 13 16-0049	EA	13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	15,647.66	1,261.47

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0050	EA	13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	16,218.81	1,309.99
23 38 13 16-0051	EA	14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	17,346.94	1,358.51
23 38 13 16-0052	EA	14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	17,928.31	1,407.02
23 38 13 16-0053	EA	15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	19,064.16	1,455.54
23 38 13 16-0054	EA	15"-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood	19,643.52	1,504.06
23 38 13 16-0055	EA	16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	20,220.71	1,552.58
23 38 13 16-0056	EA	Fan Wash Control Panel Note: Includes time clock and backflow preventer.	7,925.98	388.14

23 38 13 16-0057 Utility Distribution System (UDS) *(23 38 13 16-0001)*

Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.

23 38 13 16-0058	EA	8' Long UDS	26,106.53	394.75
23 38 13 16-0059	EA	8'-6" Long UDS	26,876.70	404.35
23 38 13 16-0060	EA	9' Long UDS	27,638.47	413.76
23 38 13 16-0061	EA	9'-6" Long UDS	28,407.89	426.96
23 38 13 16-0062	EA	10' Long UDS	29,171.86	437.44
23 38 13 16-0063	EA	10'-6" Long UDS	29,928.79	448.50
23 38 13 16-0064	EA	11' Long UDS	30,695.15	456.17
23 38 13 16-0065	EA	11'-6" Long UDS	31,462.12	468.20
23 38 13 16-0066	EA	12' Long UDS	32,239.12	485.18
23 38 13 16-0067	EA	12'-6" Long UDS	33,028.29	508.27
23 38 13 16-0068	EA	13' Long UDS	33,801.14	523.22
23 38 13 16-0069	EA	13'-6" Long UDS	34,586.81	544.56
23 38 13 16-0070	EA	14' Long UDS	35,364.16	561.75
23 38 13 16-0071	EA	14'-6" Long UDS	36,143.75	580.08
23 38 13 16-0072	EA	15' Long UDS	36,925.82	599.68
23 38 13 16-0073	EA	15'-6" Long UDS	37,710.60	620.55
23 38 13 16-0074	EA	16' Long UDS	38,483.12	635.39

23 38 13 16-0075 Stainless Steel Exhaust Hood Material *(23 38 13 16)*

Note: Welded seams.

23 38 13 16-0076	SF	16 Gauge, Type 304, Stainless Steel Exhaust Hood Material	36.08	13.29
		For Type 316 Stainless Steel, Add	*0.85*	
23 38 13 16-0077	SF	14 Gauge, Type 304, Stainless Steel Exhaust Hood Material	45.11	17.71
		For Type 316 Stainless Steel, Add	*1.07*	
23 38 13 16-0078	SF	12 Gauge, Type 304, Stainless Steel Exhaust Hood Material	62.61	23.91
		For Type 316 Stainless Steel, Add	*1.49*	
23 38 13 16-0079	SF	10 Gauge, Type 304, Stainless Steel Exhaust Hood Material	78.24	29.23
		For Type 316 Stainless Steel, Add	*1.92*	

23 40 HVAC Air Cleaning Devices *(23)*

23 41 Particulate Air Filtration *(23 40)*

23 41 13 Panel Air Filters *(23 41)*

23 41 13 00-0001 Disposable Air Filters *(23 41 13)*

23 41 13 00-0002	EA	Throwaway Glass Or Paper Media Filter, Residential	10.99	

23 41 13 00-0003 Disposable Fiberglass Air Filters *(23 41 13)*

23 41 13 00-0004	EA	8" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.07	4.99
23 41 13 00-0005	EA	8" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.07	4.99
23 41 13 00-0006	EA	8" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	10.85	4.99
23 41 13 00-0007	EA	10" x 10" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	10.79	5.22
23 41 13 00-0008	EA	10" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	10.79	5.22
23 41 13 00-0009	EA	10" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	10.79	5.22
23 41 13 00-0010	EA	10" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	10.79	5.22
23 41 13 00-0011	EA	10" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	10.97	5.22
23 41 13 00-0012	EA	12" x 12" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.39	5.45
23 41 13 00-0013	EA	12" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.37	5.45
23 41 13 00-0014	EA	12" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	10.86	5.45
23 41 13 00-0015	EA	12" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	10.86	5.45
23 41 13 00-0016	EA	12" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	10.86	5.45
23 41 13 00-0017	EA	12" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.87	5.45
23 41 13 00-0018	EA	12" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.17	5.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0019	EA	14" x 14" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.25	5.76
23 41 13 00-0020	EA	14" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.18	5.76
23 41 13 00-0021	EA	14" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.51	5.76
23 41 13 00-0022	EA	14" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.25	5.76
23 41 13 00-0023	EA	14" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.51	5.76
23 41 13 00-0024	EA	14" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.95	5.76
23 41 13 00-0025	EA	15" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.66	5.92
23 41 13 00-0026	EA	15" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.66	5.92
23 41 13 00-0027	EA	15" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.02	5.92
23 41 13 00-0028	EA	16" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.78	6.00
23 41 13 00-0029	EA	16" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.03	6.00
23 41 13 00-0030	EA	16" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.82	6.00
23 41 13 00-0031	EA	16" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.56	6.00
23 41 13 00-0032	EA	16" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.34	6.00
23 41 13 00-0033	EA	16" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.13	6.00
23 41 13 00-0034	EA	16" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.92	6.00
23 41 13 00-0035	EA	16" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	17.70	6.00
23 41 13 00-0036	EA	18" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.87	6.23
23 41 13 00-0037	EA	18" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.58	6.23
23 41 13 00-0038	EA	18" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.87	6.23
23 41 13 00-0039	EA	18" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.84	6.23
23 41 13 00-0040	EA	18" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.26	6.23
23 41 13 00-0041	EA	18" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.88	6.23
23 41 13 00-0042	EA	19" x 27" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.33	6.54
23 41 13 00-0043	EA	20" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.07	6.54
23 41 13 00-0044	EA	20" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.62	6.54
23 41 13 00-0045	EA	20" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.02	6.54
23 41 13 00-0046	EA	20" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.23	6.54
23 41 13 00-0047	EA	20" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	18.66	6.54
23 41 13 00-0048	EA	20" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	16.85	6.54
23 41 13 00-0049	EA	21" x 21" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.36	6.62
23 41 13 00-0050	EA	22" x 22" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.71	6.70
23 41 13 00-0051	EA	24" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.82	6.78
23 41 13 00-0052	EA	24" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.31	6.78
23 41 13 00-0053	EA	24" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.33	6.78
23 41 13 00-0054	EA	25" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.92	6.86
23 41 13 00-0055	EA	25" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	20.73	6.86
23 41 13 00-0056	EA	10" x 10" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	12.31	5.22
23 41 13 00-0057	EA	10" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	11.48	5.22
23 41 13 00-0058	EA	12" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.34	5.45
23 41 13 00-0059	EA	14" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.75	5.76
23 41 13 00-0060	EA	14" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.75	5.76
23 41 13 00-0061	EA	15" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.04	5.92
23 41 13 00-0062	EA	16" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.96	6.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0063	EA	16" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	13.83	6.00
23 41 13 00-0064	EA	16" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.14	6.00
23 41 13 00-0065	EA	18" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	14.99	6.23
23 41 13 00-0066	EA	20" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.51	6.54
23 41 13 00-0067	EA	20" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.29	6.54
23 41 13 00-0068	EA	20" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.29	6.54
23 41 13 00-0069	EA	24" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.83	6.78
23 41 13 00-0070	EA	25" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5 Note: One-piece kraft fiberboard frame with two metal grids.	15.93	6.86

23 41 13 00-0071 Disposable Pleated Air Filters *(23 41 13)*

23 41 13 00-0072	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 8	11.64	5.22
23 41 13 00-0073	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 8	17.16	5.22
23 41 13 00-0074	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 8	21.52	5.22
23 41 13 00-0075	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 8	14.92	5.45
23 41 13 00-0076	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 8	13.90	5.45
23 41 13 00-0077	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 8	13.74	5.45
23 41 13 00-0078	EA	12" x 25" x 1" Disposable Pleated Air Filter, MERV 8	13.74	5.45
23 41 13 00-0079	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 8	21.83	5.45
23 41 13 00-0080	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 8	16.86	5.76
23 41 13 00-0081	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 8	14.31	5.76
23 41 13 00-0082	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 8	18.17	5.76
23 41 13 00-0083	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 8	14.78	5.76
23 41 13 00-0084	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 8	21.07	5.76
23 41 13 00-0085	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 8	14.61	5.92
23 41 13 00-0086	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 8	17.17	6.00
23 41 13 00-0087	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 8	14.40	6.00
23 41 13 00-0088	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 8	16.74	6.00
23 41 13 00-0089	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 8	14.93	6.00
23 41 13 00-0090	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 8	21.38	6.00
23 41 13 00-0091	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 8	22.86	6.23
23 41 13 00-0092	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 8	17.01	6.23
23 41 13 00-0093	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 8	16.72	6.23
23 41 13 00-0094	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 8	16.52	6.23
23 41 13 00-0095	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 8	23.00	6.23
23 41 13 00-0096	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 8	15.75	6.54
23 41 13 00-0097	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 8	16.81	6.54
23 41 13 00-0098	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 8	16.63	6.54
23 41 13 00-0099	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 8	18.75	6.54
23 41 13 00-0100	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 8	22.71	6.70
23 41 13 00-0101	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 8	17.89	6.78
23 41 13 00-0102	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 8	27.91	6.78
23 41 13 00-0103	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 8	18.91	6.86
23 41 13 00-0104	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 8	13.69	5.22
23 41 13 00-0105	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 8	17.79	5.45
23 41 13 00-0106	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 8	14.35	5.45
23 41 13 00-0107	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 8	14.13	5.45
23 41 13 00-0108	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 8	14.94	5.76
23 41 13 00-0109	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 8	15.58	5.76
23 41 13 00-0110	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 8	15.15	5.92
23 41 13 00-0111	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 8	18.96	6.00
23 41 13 00-0112	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 8	14.85	6.00
23 41 13 00-0113	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 8	16.90	6.00
23 41 13 00-0114	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 8	15.68	6.00
23 41 13 00-0115	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 8	21.85	6.23
23 41 13 00-0116	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 8	18.69	6.23
23 41 13 00-0117	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 8	17.01	6.23
23 41 13 00-0118	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 8	17.66	6.23
23 41 13 00-0119	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 8	16.58	6.54
23 41 13 00-0120	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 8	17.74	6.54
23 41 13 00-0121	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 8	17.54	6.54
23 41 13 00-0122	EA	20" x 30" x 2" Disposable Pleated Air Filter, MERV 8	25.15	6.54
23 41 13 00-0123	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 8	18.79	6.78
23 41 13 00-0124	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 8	20.72	6.86
23 41 13 00-0125	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 8	21.51	5.45
23 41 13 00-0126	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 8	23.24	6.00
23 41 13 00-0127	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 8	24.83	6.00
23 41 13 00-0128	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 8	26.76	6.23
23 41 13 00-0129	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 8	25.48	6.54
23 41 13 00-0130	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 8	27.70	6.54
23 41 13 00-0131	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 8	27.90	6.54
23 41 13 00-0132	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 8	30.44	6.78
23 41 13 00-0133	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 11	19.58	5.22
23 41 13 00-0134	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 11	19.58	5.22
23 41 13 00-0135	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 11	25.31	5.22
23 41 13 00-0136	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 11	20.75	5.45
23 41 13 00-0137	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 11	20.23	5.45
23 41 13 00-0138	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 11	20.15	5.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0139	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 11	28.68	5.45
23 41 13 00-0140	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 11	23.54	5.76
23 41 13 00-0141	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 11	20.77	5.76
23 41 13 00-0142	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 11	26.73	5.76
23 41 13 00-0143	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 11	26.16	5.76
23 41 13 00-0144	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 11	30.65	5.76
23 41 13 00-0145	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 11	19.96	5.92
23 41 13 00-0146	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 11	28.15	6.00
23 41 13 00-0147	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 11	18.67	6.00
23 41 13 00-0148	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 11	23.98	6.00
23 41 13 00-0149	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 11	22.07	6.00
23 41 13 00-0150	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 11	29.03	6.00
23 41 13 00-0151	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 11	29.71	6.23
23 41 13 00-0152	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 11	25.27	6.23
23 41 13 00-0153	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 11	22.81	6.23
23 41 13 00-0154	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 11	24.29	6.23
23 41 13 00-0155	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 11	33.53	6.23
23 41 13 00-0156	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 11	22.94	6.54
23 41 13 00-0157	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 11	25.14	6.54
23 41 13 00-0158	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 11	25.37	6.54
23 41 13 00-0159	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 11	29.46	6.54
23 41 13 00-0160	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 11	32.58	6.70
23 41 13 00-0161	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 11	27.52	6.78
23 41 13 00-0162	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 11	35.53	6.78
23 41 13 00-0163	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 11	30.91	6.86
23 41 13 00-0164	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 11	19.92	5.22
23 41 13 00-0165	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 11	20.97	5.45
23 41 13 00-0166	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 11	19.95	5.45
23 41 13 00-0167	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 11	23.37	5.45
23 41 13 00-0168	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 11	21.01	5.76
23 41 13 00-0169	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 11	21.99	5.76
23 41 13 00-0170	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 11	21.58	5.92
23 41 13 00-0171	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 11	28.72	6.00
23 41 13 00-0172	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 11	25.06	6.00
23 41 13 00-0173	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 11	24.44	6.00
23 41 13 00-0174	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 11	27.62	6.00
23 41 13 00-0175	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 11	33.05	6.23
23 41 13 00-0176	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 11	26.30	6.23
23 41 13 00-0177	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 11	29.95	6.23
23 41 13 00-0178	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 11	26.02	6.23
23 41 13 00-0179	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 11	28.83	6.54
23 41 13 00-0180	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 11	30.87	6.54
23 41 13 00-0181	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 11	31.17	6.54
23 41 13 00-0182	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 11	31.18	6.78
23 41 13 00-0183	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 11	31.58	6.86
23 41 13 00-0184	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 11	37.73	5.45
23 41 13 00-0185	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 11	38.68	6.00
23 41 13 00-0186	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 11	45.97	6.00
23 41 13 00-0187	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 11	45.92	6.23
23 41 13 00-0188	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 11	45.79	6.54
23 41 13 00-0189	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 11	50.37	6.54
23 41 13 00-0190	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 11	50.37	6.54
23 41 13 00-0191	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 11	56.17	6.78
23 41 13 00-0192	EA	8" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.85	4.99
23 41 13 00-0193	EA	8" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.85	4.99
23 41 13 00-0194	EA	8" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.85	4.99
23 41 13 00-0195	EA	10" x 10" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.16	5.22
23 41 13 00-0196	EA	10" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.09	5.22
23 41 13 00-0197	EA	10" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.16	5.22
23 41 13 00-0198	EA	10" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.16	5.22
23 41 13 00-0199	EA	10" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.16	5.22
23 41 13 00-0200	EA	12" x 12" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.40	5.45
23 41 13 00-0201	EA	12" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.47	5.45
23 41 13 00-0202	EA	12" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.40	5.45
23 41 13 00-0203	EA	12" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.40	5.45
23 41 13 00-0204	EA	12" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.47	5.45
23 41 13 00-0205	EA	12" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.47	5.45
23 41 13 00-0206	EA	12" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.54	5.45
23 41 13 00-0207	EA	14" x 14" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.81	5.76
23 41 13 00-0208	EA	14" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.88	5.76
23 41 13 00-0209	EA	14" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.81	5.76
23 41 13 00-0210	EA	14" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.81	5.76
23 41 13 00-0211	EA	14" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	24.81	5.76
23 41 13 00-0212	EA	14" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.88	5.76
23 41 13 00-0213	EA	15" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.02	5.92
23 41 13 00-0214	EA	15" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.09	5.92
23 41 13 00-0215	EA	15" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.09	5.92
23 41 13 00-0216	EA	16" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.12	6.00
23 41 13 00-0217	EA	16" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.19	6.00
23 41 13 00-0218	EA	16" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.12	6.00
23 41 13 00-0219	EA	16" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.12	6.00
23 41 13 00-0220	EA	16" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.12	6.00
23 41 13 00-0221	EA	16" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.19	6.00
23 41 13 00-0222	EA	16" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.19	6.00
23 41 13 00-0223	EA	16" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.67	6.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0224	EA	18" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.43	6.23
23 41 13 00-0225	EA	18" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	27.57	6.23
23 41 13 00-0226	EA	18" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.43	6.23
23 41 13 00-0227	EA	18" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	27.57	6.23
23 41 13 00-0228	EA	18" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	27.57	6.23
23 41 13 00-0229	EA	18" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.98	6.23
23 41 13 00-0230	EA	19" x 27" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.00	6.54
23 41 13 00-0231	EA	20" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.86	6.54
23 41 13 00-0232	EA	20" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.86	6.54
23 41 13 00-0233	EA	20" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	25.86	6.54
23 41 13 00-0234	EA	20" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	26.93	6.54
23 41 13 00-0235	EA	20" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.41	6.54
23 41 13 00-0236	EA	20" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	30.41	6.54
23 41 13 00-0237	EA	21" x 21" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	28.10	6.62
23 41 13 00-0238	EA	22" x 22" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	27.13	6.70
23 41 13 00-0239	EA	24" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.38	6.78
23 41 13 00-0240	EA	24" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.38	6.78
23 41 13 00-0241	EA	24" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.86	6.78
23 41 13 00-0242	EA	25" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	29.48	6.86
23 41 13 00-0243	EA	25" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.96	6.86
23 41 13 00-0244	EA	30" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.17	7.01

23 41 13 00-0245 Carbon Vapor Trap, Disposable V-Bank Filter *(23 41 13)*

23 41 13 00-0246	EA	24" x 24" x 12" Thick Carbon Vapor, Disposable V-Bank Filter	546.31	15.57

23 41 13 00-0247 Electrostatic Air Filters With Frame, Element And Busbar *(23 41 13)*

23 41 13 00-0248	MF3	Electrostatic Air Filter, High Efficiency Non Supported With Frame, Element And Busbar	55.71	
23 41 13 00-0249	MF3	Electrostatic Air Filter, Medium Efficiency Non Supported With Frame, Element And Busbar	53.81	
23 41 13 00-0250	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	2.32	

23 41 16 Renewable-Media Air Filters *(23 41)*

23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar *(23 41 16)*

23 41 16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	95.87	

23 41 19 Washable Air Filters *(23 41)*

23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar *(23 41 19)*

23 41 19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	36.61	

23 41 33 High-Efficiency Particulate Filtration *(23 41)*

23 41 33 00-0001 HEPA Filters *(23 41 33)*

Note: Includes particle board and kraft paper frame and separator material. See CSI section 23 41 13 00-0000 for prefilters.

23 41 33 00-0002 HEPA Filters DOP Efficiency-95% *(23 41 33 00-0001)*

23 41 33 00-0003	EA	12" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 150 CFM, Complete	101.68	14.54
		For Removal And Replacement In Existing Equipment, Add	*2.91*	
		For >10 To 25, Deduct	*-2.54*	
		For >25 To 50, Deduct	*-5.08*	
		For >50 To 100, Deduct	*-7.63*	
		For >100, Deduct	*-10.17*	
23 41 33 00-0004	EA	24" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 375 CFM, Complete	134.58	16.62
		For Removal And Replacement In Existing Equipment, Add	*3.32*	
		For >10 To 25, Deduct	*-3.36*	
		For >25 To 50, Deduct	*-6.73*	
		For >50 To 100, Deduct	*-10.09*	
		For >100, Deduct	*-13.46*	
23 41 33 00-0005	EA	24" x 18" x 6" HEPA Filter, 95% DOP Efficiency, 450 CFM, Complete	157.45	19.21
		For Removal And Replacement In Existing Equipment, Add	*3.84*	
		For >10 To 25, Deduct	*-3.94*	
		For >25 To 50, Deduct	*-7.87*	
		For >50 To 100, Deduct	*-11.81*	
		For >100, Deduct	*-15.75*	
23 41 33 00-0006	EA	24" x 24" x 6" HEPA Filter, 95% DOP Efficiency, 700 CFM, Complete	180.34	21.81
		For Removal And Replacement In Existing Equipment, Add	*4.36*	
		For >10 To 25, Deduct	*-4.51*	
		For >25 To 50, Deduct	*-9.02*	
		For >50 To 100, Deduct	*-13.53*	
		For >100, Deduct	*-18.03*	
23 41 33 00-0007	EA	12" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 250 CFM, Complete	123.40	15.57
		For Removal And Replacement In Existing Equipment, Add	*3.12*	
		For >10 To 25, Deduct	*-3.09*	
		For >25 To 50, Deduct	*-6.17*	
		For >50 To 100, Deduct	*-9.26*	
		For >100, Deduct	*-12.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0008	EA	24" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 500 CFM, Complete	165.09	18.18
		For Removal And Replacement In Existing Equipment, Add	*3.63*	
		For >10 To 25, Deduct	*-4.13*	
		For >25 To 50, Deduct	*-8.25*	
		For >50 To 100, Deduct	*-12.38*	
		For >100, Deduct	*-16.51*	
23 41 33 00-0009	EA	24" x 18" x 12" HEPA Filter, 95% DOP Efficiency, 875 CFM, Complete	197.12	20.77
		For Removal And Replacement In Existing Equipment, Add	*4.15*	
		For >10 To 25, Deduct	*-4.93*	
		For >25 To 50, Deduct	*-9.86*	
		For >50 To 100, Deduct	*-14.78*	
		For >100, Deduct	*-19.71*	
23 41 33 00-0010	EA	24" x 24" x 12" HEPA Filter, 95% DOP Efficiency, 1,000 CFM, Complete	234.34	25.96
		For Removal And Replacement In Existing Equipment, Add	*5.19*	
		For >10 To 25, Deduct	*-5.86*	
		For >25 To 50, Deduct	*-11.72*	
		For >50 To 100, Deduct	*-17.58*	
		For >100, Deduct	*-23.43*	

23 41 33 00-0011 HEPA Filters DOP Efficiency-99.99% *(23 41 33 00-0001)*

23 41 33 00-0012	EA	12" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	87.23	12.98
		For Removal And Replacement In Existing Equipment, Add	*2.60*	
		For >10 To 25, Deduct	*-2.18*	
		For >25 To 50, Deduct	*-4.36*	
		For >50 To 100, Deduct	*-6.54*	
		For >100, Deduct	*-8.72*	
23 41 33 00-0013	EA	24" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	120.19	15.57
		For Removal And Replacement In Existing Equipment, Add	*3.12*	
		For >10 To 25, Deduct	*-3.00*	
		For >25 To 50, Deduct	*-6.01*	
		For >50 To 100, Deduct	*-9.01*	
		For >100, Deduct	*-12.02*	
23 41 33 00-0014	EA	24" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	182.63	18.18
		For Removal And Replacement In Existing Equipment, Add	*3.63*	
		For >10 To 25, Deduct	*-4.57*	
		For >25 To 50, Deduct	*-9.13*	
		For >50 To 100, Deduct	*-13.70*	
		For >100, Deduct	*-18.26*	
23 41 33 00-0015	EA	36" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	234.23	20.77
		For Removal And Replacement In Existing Equipment, Add	*4.15*	
		For >10 To 25, Deduct	*-5.86*	
		For >25 To 50, Deduct	*-11.71*	
		For >50 To 100, Deduct	*-17.57*	
		For >100, Deduct	*-23.42*	
23 41 33 00-0016	EA	8" x 8" x 6" HEPA Filter, 99.99% DOP Efficiency, Complete	81.99	10.38
		For Removal And Replacement In Existing Equipment, Add	*2.08*	
		For >10 To 25, Deduct	*-2.05*	
		For >25 To 50, Deduct	*-4.10*	
		For >50 To 100, Deduct	*-6.15*	
		For >100, Deduct	*-8.20*	
23 41 33 00-0017	EA	12" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 150 CFM, Complete	108.72	14.01
		For Removal And Replacement In Existing Equipment, Add	*2.80*	
		For >10 To 25, Deduct	*-2.72*	
		For >25 To 50, Deduct	*-5.44*	
		For >50 To 100, Deduct	*-8.15*	
		For >100, Deduct	*-10.87*	
23 41 33 00-0018	EA	24" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 325 CFM, Complete	145.84	16.62
		For Removal And Replacement In Existing Equipment, Add	*3.32*	
		For >10 To 25, Deduct	*-3.65*	
		For >25 To 50, Deduct	*-7.29*	
		For >50 To 100, Deduct	*-10.94*	
		For >100, Deduct	*-14.58*	
23 41 33 00-0019	EA	24" x 18" x 6" HEPA Filter, 99.99% DOP Efficiency, 550 CFM, Complete	171.21	19.47
		For Removal And Replacement In Existing Equipment, Add	*3.90*	
		For >10 To 25, Deduct	*-4.28*	
		For >25 To 50, Deduct	*-8.56*	
		For >50 To 100, Deduct	*-12.84*	
		For >100, Deduct	*-17.12*	
23 41 33 00-0020	EA	24" x 24" x 6" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete	195.53	21.81
		For Removal And Replacement In Existing Equipment, Add	*4.36*	
		For >10 To 25, Deduct	*-4.89*	
		For >25 To 50, Deduct	*-9.78*	
		For >50 To 100, Deduct	*-14.66*	
		For >100, Deduct	*-19.55*	
23 41 33 00-0021	EA	12" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 250 CFM, Complete	133.64	15.57
		For Removal And Replacement In Existing Equipment, Add	*3.12*	
		For >10 To 25, Deduct	*-3.34*	
		For >25 To 50, Deduct	*-6.68*	
		For >50 To 100, Deduct	*-10.02*	
		For >100, Deduct	*-13.36*	
23 41 33 00-0022	EA	24" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 500 CFM, Complete	179.40	18.18
		For Removal And Replacement In Existing Equipment, Add	*3.63*	
		For >10 To 25, Deduct	*-4.49*	
		For >25 To 50, Deduct	*-8.97*	
		For >50 To 100, Deduct	*-13.46*	
		For >100, Deduct	*-17.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0023	EA	24" x 18" x 12" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete	214.41	20.77
		For Removal And Replacement In Existing Equipment, Add	*4.15*	
		For >10 To 25, Deduct	*-5.36*	
		For >25 To 50, Deduct	*-10.72*	
		For >50 To 100, Deduct	*-16.08*	
		For >100, Deduct	*-21.44*	
23 41 33 00-0024	EA	24" x 24" x 12" HEPA Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	264.24	25.96
		For Removal And Replacement In Existing Equipment, Add	*5.19*	
		For >10 To 25, Deduct	*-6.61*	
		For >25 To 50, Deduct	*-13.21*	
		For >50 To 100, Deduct	*-19.82*	
		For >100, Deduct	*-26.42*	

23 41 33 00-0025 HEPA Filter Housings, 14 Gauge Galvanized Sheet Metal *(23 41 33)*

Note: Nominal sizes.

23 41 33 00-0026	EA	12" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	257.95	77.43
23 41 33 00-0027	EA	24" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	483.24	153.91
23 41 33 00-0028	EA	24" x 18" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	490.24	153.91
23 41 33 00-0029	EA	24" x 24" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	494.90	153.91
23 41 33 00-0030	EA	24" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	527.57	153.91
23 41 33 00-0031	EA	24" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	568.40	153.91
23 41 33 00-0032	EA	48" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	938.48	308.77
23 41 33 00-0033	EA	48" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,037.65	308.77
23 41 33 00-0034	EA	48" x 96" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,163.65	308.77
23 41 33 00-0035	EA	12" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	277.79	77.43
23 41 33 00-0036	EA	24" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	517.07	153.91
23 41 33 00-0037	EA	24" x 18" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	525.24	153.91
23 41 33 00-0038	EA	24" x 24" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	531.07	153.91
23 41 33 00-0039	EA	24" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	569.57	153.91
23 41 33 00-0040	EA	24" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	620.91	153.91
23 41 33 00-0041	EA	48" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,020.15	308.77
23 41 33 00-0042	EA	48" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,143.82	308.77
23 41 33 00-0043	EA	48" x 96" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,300.16	308.77

23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency *(23 41 33)*

23 41 33 00-0045	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	235.54	100.37
23 41 33 00-0046	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	268.19	100.37

23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency *(23 41 33)*

23 41 33 00-0048	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	231.79	100.37
23 41 33 00-0049	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	255.88	100.37

23 42 Gas-Phase Air Filtration *(23 40)*

23 42 13 Activated-Carbon Air Filtration *(23 42)*

23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	36.65	7.79
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	37.05	7.79
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	37.30	7.79
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	37.30	7.79
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	40.36	7.79
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	45.39	7.79
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	46.18	8.83
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	46.52	8.83
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	46.81	8.83
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	46.81	8.83
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	50.20	8.83
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	59.63	8.83
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	22.65	7.79
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	24.10	7.79
23 42 13 00-0015	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	24.16	7.79
23 42 13 00-0016	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	26.06	7.79
23 42 13 00-0017	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	27.75	7.79
23 42 13 00-0018	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	26.21	8.83
23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	28.74	8.83
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	29.28	8.83
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	32.43	8.83
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter	34.43	8.83
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter	56.17	9.35

23 50 Central Heating Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 51 Breechings, Chimneys, And Stacks *(23 50)*

23 51 13 Draft Control Devices *(23 51)*

23 51 13 13 Draft-Induction Fans *(23 51 13)*

23 51 13 13-0001 Vertical Discharge Fans *(23 51 13 13)*

Note: Includes chimney adapter. Excludes wiring.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 13-0002		**Axial Vane Vertical Discharge Fans** *(23 51 13 13-0001)*		
23 51 13 13-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane	2,134.72	210.30
23 51 13 13-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane	2,414.91	229.43
23 51 13 13-0005	EA	1,400 CFM Vertical Discharge Chimney Fan, Axial Vane	2,886.12	253.32
23 51 13 13-0006	EA	1,800 CFM Vertical Discharge Chimney Fan, Axial Vane	3,750.60	293.95
23 51 13 13-0007		**Centrifugal Impeller Vertical Discharge Fans** *(23 51 13 13-0001)*		
23 51 13 13-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	2,552.77	229.43
23 51 13 13-0009	EA	1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	3,097.97	253.32
23 51 13 13-0010	EA	2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	4,004.13	296.35
23 51 13 13-0011	EA	3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	4,731.20	332.19
23 51 13 13-0012		**Accessories For Vertical Discharge Fans** *(23 51 13 13-0001)*		
23 51 13 13-0013	EA	Modulating Fan Controller And Sensor	324.87	71.70
23 51 13 16		**Vent Dampers** *(23 51 13)*		
23 51 13 16-0001		**Flue Shutter Draft Control Damper, Parallel Blade** *(23 51 13 16)*		
23 51 13 16-0002	EA	3" Round Flue Shutter Draft Control Damper	370.38	42.45
23 51 13 16-0003	EA	4" Round Flue Shutter Draft Control Damper	402.04	45.02
23 51 13 16-0004	EA	5" Round Flue Shutter Draft Control Damper	438.73	47.80
23 51 13 16-0005	EA	6" Round Flue Shutter Draft Control Damper	468.49	50.97
23 51 13 16-0006	EA	7" Round Flue Shutter Draft Control Damper	508.67	54.61
23 51 13 16-0007	EA	8" Round Flue Shutter Draft Control Damper	542.48	58.79
23 51 13 16-0008	EA	10" Round Flue Shutter Draft Control Damper	596.40	63.74
23 51 13 16-0009	EA	12" Round Flue Shutter Draft Control Damper	653.61	69.51
23 51 13 16-0010	EA	14" Round Flue Shutter Draft Control Damper	718.44	72.89
23 51 13 16-0011	EA	16" Round Flue Shutter Draft Control Damper	766.88	76.48
23 51 13 16-0012	EA	18" Round Flue Shutter Draft Control Damper	829.12	80.30
23 51 13 16-0013	EA	20" Round Flue Shutter Draft Control Damper	1,067.64	127.14
23 51 13 16-0014	EA	22" Round Flue Shutter Draft Control Damper	1,158.97	135.03
23 51 13 16-0015	EA	24" Round Flue Shutter Draft Control Damper	1,247.98	143.39
23 51 13 16-0016	EA	26" Round Flue Shutter Draft Control Damper	1,275.55	148.17
23 51 13 16-0017	EA	28" Round Flue Shutter Draft Control Damper	1,316.03	152.95
23 51 13 16-0018	EA	30" Round Flue Shutter Draft Control Damper	1,367.07	162.52
23 51 13 16-0019	EA	32" Round Flue Shutter Draft Control Damper	1,420.41	167.18
23 51 13 16-0020	EA	34" Round Flue Shutter Draft Control Damper	1,488.27	176.74
23 51 13 16-0021	EA	36" Round Flue Shutter Draft Control Damper	1,575.69	191.19
23 51 13 16-0022	EA	38" Round Flue Shutter Draft Control Damper	1,646.96	197.75
23 51 13 16-0023	EA	40" Round Flue Shutter Draft Control Damper	1,704.48	200.75
23 51 13 16-0024	EA	42" Round Flue Shutter Draft Control Damper	1,787.39	210.30
23 51 13 16-0025	EA	44" Round Flue Shutter Draft Control Damper	1,870.62	219.87
23 51 13 16-0026	EA	46" Round Flue Shutter Draft Control Damper	1,954.01	229.43
23 51 13 16-0027	EA	48" Round Flue Shutter Draft Control Damper	2,037.16	238.99
23 51 13 19		**Barometric Dampers** *(23 51 13)*		
23 51 13 19-0001		**Barometric Dampers** *(23 51 13 19)*		
23 51 13 19-0002	EA	6" x 6" Barometric Damper	139.24	8.31
23 51 13 19-0003	EA	12" x 12" Barometric Damper	199.39	11.42
23 51 13 19-0004	EA	18" x 18" Barometric Damper	274.91	17.65
23 51 13 19-0005	EA	24" x 24" Barometric Damper	364.06	33.22
23 51 13 19-0006	EA	6" Diameter Barometric Damper	79.73	8.31
		For Stainless Steel, Add	*61.76*	
23 51 13 19-0007	EA	7" Diameter Barometric Damper	93.82	9.34
		For Stainless Steel, Add	*73.37*	
23 51 13 19-0008	EA	8" Diameter Barometric Damper	108.92	10.38
		For Stainless Steel, Add	*85.10*	
23 51 13 19-0009	EA	9" Diameter Barometric Damper	128.60	10.38
		For Stainless Steel, Add	*107.80*	
23 51 13 19-0010	EA	10" Diameter Barometric Damper	160.88	12.46
		For Stainless Steel, Add	*146.86*	
23 51 13 19-0011	EA	12" Diameter Barometric Damper	199.09	13.49
		For Stainless Steel, Add	*189.41*	
23 51 13 19-0012	EA	14" Diameter Barometric Damper	244.22	14.53
		For Stainless Steel, Add	*241.57*	
23 51 13 19-0013	EA	15" Diameter Barometric Damper	287.79	15.58
		For Stainless Steel, Add	*290.34*	
23 51 13 19-0014	EA	16" Diameter Barometric Damper	329.99	17.65
		For Stainless Steel, Add	*339.01*	
23 51 13 19-0015	EA	18" Diameter Barometric Damper	423.16	18.68
		For Stainless Steel, Add	*452.93*	
23 51 13 19-0016	EA	20" Diameter Barometric Damper	498.29	20.76
		For Stainless Steel, Add	*542.15*	
23 51 13 19-0017	EA	24" Diameter Barometric Damper	591.73	20.76
		For Stainless Steel, Add	*658.81*	
23 51 13 19-0018	EA	30" Diameter Barometric Damper	721.64	23.88
		For Stainless Steel, Add	*816.66*	
23 51 13 19-0019	EA	36" Diameter Barometric Damper	906.04	24.92
		For Stainless Steel, Add	*1,049.98*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16		**Fabricated Breechings And Accessories** *(23 51)*		
23 51 16 00-0001		Round Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*		
23 51 16 00-0002		Round Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0001)*		
23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	25.42	8.51
		For Aluminum Liner, Add	*0.23*	
		For Stainless Steel Liner, Add	*0.32*	
		For 2" Wall Instead Of 1", Add	*3.38*	
		For 3" To 4" Wall Instead Of 1", Add	*6.13*	
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	27.08	8.98
		For Aluminum Liner, Add	*0.28*	
		For Stainless Steel Liner, Add	*0.39*	
		For 2" Wall Instead Of 1", Add	*3.74*	
		For 3" To 4" Wall Instead Of 1", Add	*6.70*	
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	29.75	9.56
		For Aluminum Liner, Add	*0.34*	
		For Stainless Steel Liner, Add	*0.46*	
		For 2" Wall Instead Of 1", Add	*4.20*	
		For 3" To 4" Wall Instead Of 1", Add	*7.48*	
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	32.30	10.23
		For Aluminum Liner, Add	*0.39*	
		For Stainless Steel Liner, Add	*0.53*	
		For 2" Wall Instead Of 1", Add	*4.65*	
		For 3" To 4" Wall Instead Of 1", Add	*8.23*	
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	37.17	10.89
		For Aluminum Liner, Add	*0.57*	
		For Stainless Steel Liner, Add	*0.78*	
		For 2" Wall Instead Of 1", Add	*5.81*	
		For 3" To 4" Wall Instead Of 1", Add	*10.04*	
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	41.30	11.76
		For Aluminum Liner, Add	*0.64*	
		For Stainless Steel Liner, Add	*0.87*	
		For 2" Wall Instead Of 1", Add	*6.45*	
		For 3" To 4" Wall Instead Of 1", Add	*11.17*	
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	56.64	12.62
		For Aluminum Liner, Add	*1.35*	
		For Stainless Steel Liner, Add	*1.84*	
		For 2" Wall Instead Of 1", Add	*10.57*	
		For 3" To 4" Wall Instead Of 1", Add	*17.47*	
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	67.73	13.96
		For Aluminum Liner, Add	*1.81*	
		For Stainless Steel Liner, Add	*2.47*	
		For 2" Wall Instead Of 1", Add	*13.36*	
		For 3" To 4" Wall Instead Of 1", Add	*21.78*	
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	91.74	14.53
		For Aluminum Liner, Add	*3.04*	
		For Stainless Steel Liner, Add	*4.15*	
		For 2" Wall Instead Of 1", Add	*20.24*	
		For 3" To 4" Wall Instead Of 1", Add	*32.18*	
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	112.65	15.30
		For Aluminum Liner, Add	*4.10*	
		For Stainless Steel Liner, Add	*5.59*	
		For 2" Wall Instead Of 1", Add	*26.18*	
		For 3" To 4" Wall Instead Of 1", Add	*41.18*	
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	136.91	16.06
		For Aluminum Liner, Add	*5.30*	
		For Stainless Steel Liner, Add	*7.23*	
		For 2" Wall Instead Of 1", Add	*32.96*	
		For 3" To 4" Wall Instead Of 1", Add	*51.47*	
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	177.34	25.53
		For Aluminum Liner, Add	*6.29*	
		For Stainless Steel Liner, Add	*8.58*	
		For 2" Wall Instead Of 1", Add	*40.61*	
		For 3" To 4" Wall Instead Of 1", Add	*64.06*	
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	212.22	26.96
		For Aluminum Liner, Add	*7.93*	
		For Stainless Steel Liner, Add	*10.81*	
		For 2" Wall Instead Of 1", Add	*50.06*	
		For 3" To 4" Wall Instead Of 1", Add	*78.49*	
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	250.02	28.68
		For Aluminum Liner, Add	*9.78*	
		For Stainless Steel Liner, Add	*13.33*	
		For 2" Wall Instead Of 1", Add	*60.55*	
		For 3" To 4" Wall Instead Of 1", Add	*94.44*	
23 51 16 00-0017	LF	26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	287.79	29.63
		For Aluminum Liner, Add	*11.76*	
		For Stainless Steel Liner, Add	*16.04*	
		For 2" Wall Instead Of 1", Add	*71.54*	
		For 3" To 4" Wall Instead Of 1", Add	*111.01*	
23 51 16 00-0018	LF	28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	301.44	30.59
		For Aluminum Liner, Add	*12.37*	
		For Stainless Steel Liner, Add	*16.87*	
		For 2" Wall Instead Of 1", Add	*75.14*	
		For 3" To 4" Wall Instead Of 1", Add	*116.54*	
23 51 16 00-0019	LF	30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	320.51	32.79
		For Aluminum Liner, Add	*13.13*	
		For Stainless Steel Liner, Add	*17.90*	
		For 2" Wall Instead Of 1", Add	*79.78*	
		For 3" To 4" Wall Instead Of 1", Add	*123.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0020	LF	32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	360.84	34.03
		For Aluminum Liner, Add	*15.18*	
		For Stainless Steel Liner, Add	*20.70*	
		For 2" Wall Instead Of 1", Add	*91.27*	
		For 3" To 4" Wall Instead Of 1", Add	*141.16*	
23 51 16 00-0021	LF	34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	402.64	35.28
		For Aluminum Liner, Add	*17.30*	
		For Stainless Steel Liner, Add	*23.59*	
		For 2" Wall Instead Of 1", Add	*103.16*	
		For 3" To 4" Wall Instead Of 1", Add	*159.15*	
23 51 16 00-0022	LF	36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	423.56	36.70
		For Aluminum Liner, Add	*18.25*	
		For Stainless Steel Liner, Add	*24.89*	
		For 2" Wall Instead Of 1", Add	*108.73*	
		For 3" To 4" Wall Instead Of 1", Add	*167.68*	
23 51 16 00-0023	LF	38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	458.45	38.24
		For Aluminum Liner, Add	*19.96*	
		For Stainless Steel Liner, Add	*27.22*	
		For 2" Wall Instead Of 1", Add	*118.44*	
		For 3" To 4" Wall Instead Of 1", Add	*182.43*	
23 51 16 00-0024	LF	40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	503.69	39.86
		For Aluminum Liner, Add	*22.22*	
		For Stainless Steel Liner, Add	*30.30*	
		For 2" Wall Instead Of 1", Add	*131.17*	
		For 3" To 4" Wall Instead Of 1", Add	*201.74*	
23 51 16 00-0025	LF	42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	526.95	41.68
		For Aluminum Liner, Add	*23.24*	
		For Stainless Steel Liner, Add	*31.70*	
		For 2" Wall Instead Of 1", Add	*137.22*	
		For 3" To 4" Wall Instead Of 1", Add	*211.05*	
23 51 16 00-0026	LF	44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	581.63	43.68
		For Aluminum Liner, Add	*25.98*	
		For Stainless Steel Liner, Add	*35.43*	
		For 2" Wall Instead Of 1", Add	*152.63*	
		For 3" To 4" Wall Instead Of 1", Add	*234.41*	
23 51 16 00-0027	LF	46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	630.59	45.89
		For Aluminum Liner, Add	*28.37*	
		For Stainless Steel Liner, Add	*38.69*	
		For 2" Wall Instead Of 1", Add	*166.23*	
		For 3" To 4" Wall Instead Of 1", Add	*255.08*	
23 51 16 00-0028	LF	48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	692.32	48.27
		For Aluminum Liner, Add	*31.45*	
		For Stainless Steel Liner, Add	*42.89*	
		For 2" Wall Instead Of 1", Add	*183.59*	
		For 3" To 4" Wall Instead Of 1", Add	*281.41*	

23 51 16 00-0029 90 Degree Elbows *(23 51 16 00-0001)*

23 51 16 00-0030	EA	3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	61.41	17.02
		For Aluminum Liner, Add	*1.06*	
		For Stainless Steel Liner, Add	*1.44*	
		For 2" Wall Instead Of 1", Add	*9.99*	
		For 3" To 4" Wall Instead Of 1", Add	*17.10*	
23 51 16 00-0031	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	67.55	17.97
		For Aluminum Liner, Add	*1.25*	
		For Stainless Steel Liner, Add	*1.70*	
		For 2" Wall Instead Of 1", Add	*11.30*	
		For 3" To 4" Wall Instead Of 1", Add	*19.19*	
23 51 16 00-0032	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	74.72	19.12
		For Aluminum Liner, Add	*1.49*	
		For Stainless Steel Liner, Add	*2.04*	
		For 2" Wall Instead Of 1", Add	*12.90*	
		For 3" To 4" Wall Instead Of 1", Add	*21.73*	
23 51 16 00-0033	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	82.10	20.36
		For Aluminum Liner, Add	*1.73*	
		For Stainless Steel Liner, Add	*2.37*	
		For 2" Wall Instead Of 1", Add	*14.52*	
		For 3" To 4" Wall Instead Of 1", Add	*24.31*	
23 51 16 00-0034	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	96.36	21.80
		For Aluminum Liner, Add	*2.32*	
		For Stainless Steel Liner, Add	*3.16*	
		For 2" Wall Instead Of 1", Add	*18.07*	
		For 3" To 4" Wall Instead Of 1", Add	*29.82*	
23 51 16 00-0035	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	111.62	23.52
		For Aluminum Liner, Add	*2.91*	
		For Stainless Steel Liner, Add	*3.96*	
		For 2" Wall Instead Of 1", Add	*21.73*	
		For 3" To 4" Wall Instead Of 1", Add	*35.53*	
23 51 16 00-0036	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	185.43	25.53
		For Aluminum Liner, Add	*6.68*	
		For Stainless Steel Liner, Add	*9.11*	
		For 2" Wall Instead Of 1", Add	*42.85*	
		For 3" To 4" Wall Instead Of 1", Add	*67.46*	
23 51 16 00-0037	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	222.69	27.82
		For Aluminum Liner, Add	*8.43*	
		For Stainless Steel Liner, Add	*11.49*	
		For 2" Wall Instead Of 1", Add	*52.91*	
		For 3" To 4" Wall Instead Of 1", Add	*82.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0038	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	284.68	29.16
		For Aluminum Liner, Add	*11.65*	
		For Stainless Steel Liner, Add	*15.89*	
		For 2" Wall Instead Of 1", Add	*70.84*	
		For 3" To 4" Wall Instead Of 1", Add	*109.90*	
23 51 16 00-0039	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	346.81	30.59
		For Aluminum Liner, Add	*14.88*	
		For Stainless Steel Liner, Add	*20.29*	
		For 2" Wall Instead Of 1", Add	*88.78*	
		For 3" To 4" Wall Instead Of 1", Add	*136.98*	
23 51 16 00-0040	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	444.04	32.22
		For Aluminum Liner, Add	*19.99*	
		For Stainless Steel Liner, Add	*27.26*	
		For 2" Wall Instead Of 1", Add	*117.10*	
		For 3" To 4" Wall Instead Of 1", Add	*179.67*	
23 51 16 00-0041	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	629.41	50.96
		For Aluminum Liner, Add	*27.60*	
		For Stainless Steel Liner, Add	*37.64*	
		For 2" Wall Instead Of 1", Add	*163.32*	
		For 3" To 4" Wall Instead Of 1", Add	*251.35*	
23 51 16 00-0042	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	821.81	54.01
		For Aluminum Liner, Add	*37.77*	
		For Stainless Steel Liner, Add	*51.51*	
		For 2" Wall Instead Of 1", Add	*219.54*	
		For 3" To 4" Wall Instead Of 1", Add	*336.06*	
23 51 16 00-0043	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	925.41	57.35
		For Aluminum Liner, Add	*43.00*	
		For Stainless Steel Liner, Add	*58.64*	
		For 2" Wall Instead Of 1", Add	*248.92*	
		For 3" To 4" Wall Instead Of 1", Add	*380.55*	

23 51 16 00-0044 45 Degree Elbows *(23 51 16 00-0001)*

23 51 16 00-0045	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	53.53	17.02
		For Aluminum Liner, Add	*0.61*	
		For Stainless Steel Liner, Add	*0.83*	
		For 2" Wall Instead Of 1", Add	*7.57*	
		For 3" To 4" Wall Instead Of 1", Add	*13.48*	
23 51 16 00-0046	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	58.10	17.97
		For Aluminum Liner, Add	*0.72*	
		For Stainless Steel Liner, Add	*0.98*	
		For 2" Wall Instead Of 1", Add	*8.43*	
		For 3" To 4" Wall Instead Of 1", Add	*14.89*	
23 51 16 00-0047	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	63.20	19.12
		For Aluminum Liner, Add	*0.85*	
		For Stainless Steel Liner, Add	*1.15*	
		For 2" Wall Instead Of 1", Add	*9.40*	
		For 3" To 4" Wall Instead Of 1", Add	*16.49*	
23 51 16 00-0048	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	69.39	20.36
		For Aluminum Liner, Add	*1.01*	
		For Stainless Steel Liner, Add	*1.38*	
		For 2" Wall Instead Of 1", Add	*10.62*	
		For 3" To 4" Wall Instead Of 1", Add	*18.48*	
23 51 16 00-0049	EA	7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	81.01	21.80
		For Aluminum Liner, Add	*1.45*	
		For Stainless Steel Liner, Add	*1.98*	
		For 2" Wall Instead Of 1", Add	*13.38*	
		For 3" To 4" Wall Instead Of 1", Add	*22.80*	
23 51 16 00-0050	EA	8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	89.17	23.52
		For Aluminum Liner, Add	*1.67*	
		For Stainless Steel Liner, Add	*2.28*	
		For 2" Wall Instead Of 1", Add	*14.99*	
		For 3" To 4" Wall Instead Of 1", Add	*25.43*	
23 51 16 00-0051	EA	10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	139.69	25.53
		For Aluminum Liner, Add	*4.18*	
		For Stainless Steel Liner, Add	*5.70*	
		For 2" Wall Instead Of 1", Add	*29.16*	
		For 3" To 4" Wall Instead Of 1", Add	*46.92*	
23 51 16 00-0052	EA	12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	165.26	27.82
		For Aluminum Liner, Add	*5.27*	
		For Stainless Steel Liner, Add	*7.18*	
		For 2" Wall Instead Of 1", Add	*35.68*	
		For 3" To 4" Wall Instead Of 1", Add	*56.99*	
23 51 16 00-0053	EA	14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	207.57	29.16
		For Aluminum Liner, Add	*7.41*	
		For Stainless Steel Liner, Add	*10.10*	
		For 2" Wall Instead Of 1", Add	*47.70*	
		For 3" To 4" Wall Instead Of 1", Add	*75.19*	
23 51 16 00-0054	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	245.50	30.59
		For Aluminum Liner, Add	*9.30*	
		For Stainless Steel Liner, Add	*12.68*	
		For 2" Wall Instead Of 1", Add	*58.36*	
		For 3" To 4" Wall Instead Of 1", Add	*91.36*	
23 51 16 00-0055	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	307.67	32.22
		For Aluminum Liner, Add	*12.49*	
		For Stainless Steel Liner, Add	*17.04*	
		For 2" Wall Instead Of 1", Add	*76.20*	
		For 3" To 4" Wall Instead Of 1", Add	*118.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0056	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	383.34	50.86
		For Aluminum Liner, Add	*14.09*	
		For Stainless Steel Liner, Add	*19.22*	
		For 2" Wall Instead Of 1", Add	*89.58*	
		For 3" To 4" Wall Instead Of 1", Add	*140.72*	
23 51 16 00-0057	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	520.68	54.01
		For Aluminum Liner, Add	*21.21*	
		For Stainless Steel Liner, Add	*28.92*	
		For 2" Wall Instead Of 1", Add	*129.20*	
		For 3" To 4" Wall Instead Of 1", Add	*200.55*	
23 51 16 00-0058	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	631.97	57.35
		For Aluminum Liner, Add	*26.88*	
		For Stainless Steel Liner, Add	*36.65*	
		For 2" Wall Instead Of 1", Add	*160.93*	
		For 3" To 4" Wall Instead Of 1", Add	*248.56*	
23 51 16 00-0059	EA	26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,112.21	59.26
		For Aluminum Liner, Add	*53.03*	
		For Stainless Steel Liner, Add	*72.31*	
		For 2" Wall Instead Of 1", Add	*304.05*	
		For 3" To 4" Wall Instead Of 1", Add	*463.47*	
23 51 16 00-0060	EA	28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,143.40	61.18
		For Aluminum Liner, Add	*54.48*	
		For Stainless Steel Liner, Add	*74.29*	
		For 2" Wall Instead Of 1", Add	*312.45*	
		For 3" To 4" Wall Instead Of 1", Add	*476.32*	
23 51 16 00-0061	EA	30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,205.80	65.01
		For Aluminum Liner, Add	*57.39*	
		For Stainless Steel Liner, Add	*78.25*	
		For 2" Wall Instead Of 1", Add	*329.26*	
		For 3" To 4" Wall Instead Of 1", Add	*502.01*	
23 51 16 00-0062	EA	32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,342.63	66.92
		For Aluminum Liner, Add	*64.65*	
		For Stainless Steel Liner, Add	*88.16*	
		For 2" Wall Instead Of 1", Add	*369.35*	
		For 3" To 4" Wall Instead Of 1", Add	*562.39*	
23 51 16 00-0063	EA	34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,464.45	70.74
		For Aluminum Liner, Add	*70.82*	
		For Stainless Steel Liner, Add	*96.58*	
		For 2" Wall Instead Of 1", Add	*403.99*	
		For 3" To 4" Wall Instead Of 1", Add	*614.82*	
23 51 16 00-0064	EA	36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,511.80	76.48
		For Aluminum Liner, Add	*72.64*	
		For Stainless Steel Liner, Add	*99.05*	
		For 2" Wall Instead Of 1", Add	*415.33*	
		For 3" To 4" Wall Instead Of 1", Add	*632.54*	
23 51 16 00-0065	EA	38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,617.53	79.15
		For Aluminum Liner, Add	*78.09*	
		For Stainless Steel Liner, Add	*106.48*	
		For 2" Wall Instead Of 1", Add	*445.71*	
		For 3" To 4" Wall Instead Of 1", Add	*678.45*	
23 51 16 00-0066	EA	40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,719.47	80.30
		For Aluminum Liner, Add	*83.54*	
		For Stainless Steel Liner, Add	*113.91*	
		For 2" Wall Instead Of 1", Add	*475.72*	
		For 3" To 4" Wall Instead Of 1", Add	*723.60*	
23 51 16 00-0067	EA	42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,795.04	84.12
		For Aluminum Liner, Add	*87.17*	
		For Stainless Steel Liner, Add	*118.87*	
		For 2" Wall Instead Of 1", Add	*496.48*	
		For 3" To 4" Wall Instead Of 1", Add	*755.23*	
23 51 16 00-0068	EA	44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,903.65	87.95
		For Aluminum Liner, Add	*92.62*	
		For Stainless Steel Liner, Add	*126.29*	
		For 2" Wall Instead Of 1", Add	*527.15*	
		For 3" To 4" Wall Instead Of 1", Add	*801.71*	
23 51 16 00-0069	EA	46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,045.26	91.77
		For Aluminum Liner, Add	*99.88*	
		For Stainless Steel Liner, Add	*136.20*	
		For 2" Wall Instead Of 1", Add	*567.73*	
		For 3" To 4" Wall Instead Of 1", Add	*863.05*	
23 51 16 00-0070	EA	48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,120.86	95.60
		For Aluminum Liner, Add	*103.51*	
		For Stainless Steel Liner, Add	*141.15*	
		For 2" Wall Instead Of 1", Add	*588.49*	
		For 3" To 4" Wall Instead Of 1", Add	*894.68*	
23 51 16 00-0071		**Tees** *(23 51 16 00-0001)*		
23 51 16 00-0072	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	83.81	22.65
		For Aluminum Liner, Add	*1.49*	
		For Stainless Steel Liner, Add	*2.03*	
		For 2" Wall Instead Of 1", Add	*13.80*	
		For 3" To 4" Wall Instead Of 1", Add	*23.53*	
23 51 16 00-0073	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	87.19	23.52
		For Aluminum Liner, Add	*1.56*	
		For Stainless Steel Liner, Add	*2.13*	
		For 2" Wall Instead Of 1", Add	*14.40*	
		For 3" To 4" Wall Instead Of 1", Add	*24.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0074	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	90.91	24.47
		For Aluminum Liner, Add	*1.63*	
		For Stainless Steel Liner, Add	*2.23*	
		For 2" Wall Instead Of 1", Add	*15.04*	
		For 3" To 4" Wall Instead Of 1", Add	*25.61*	
23 51 16 00-0075	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	96.78	25.53
		For Aluminum Liner, Add	*1.82*	
		For Stainless Steel Liner, Add	*2.48*	
		For 2" Wall Instead Of 1", Add	*16.28*	
		For 3" To 4" Wall Instead Of 1", Add	*27.61*	
23 51 16 00-0076	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	112.11	26.57
		For Aluminum Liner, Add	*2.51*	
		For Stainless Steel Liner, Add	*3.42*	
		For 2" Wall Instead Of 1", Add	*20.33*	
		For 3" To 4" Wall Instead Of 1", Add	*33.81*	
23 51 16 00-0077	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	119.68	27.82
		For Aluminum Liner, Add	*2.76*	
		For Stainless Steel Liner, Add	*3.76*	
		For 2" Wall Instead Of 1", Add	*22.01*	
		For 3" To 4" Wall Instead Of 1", Add	*36.48*	
23 51 16 00-0078	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	208.88	29.16
		For Aluminum Liner, Add	*7.48*	
		For Stainless Steel Liner, Add	*10.20*	
		For 2" Wall Instead Of 1", Add	*48.10*	
		For 3" To 4" Wall Instead Of 1", Add	*75.79*	
23 51 16 00-0079	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	240.22	30.59
		For Aluminum Liner, Add	*9.01*	
		For Stainless Steel Liner, Add	*12.28*	
		For 2" Wall Instead Of 1", Add	*56.78*	
		For 3" To 4" Wall Instead Of 1", Add	*88.99*	
23 51 16 00-0080	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	351.74	34.03
		For Aluminum Liner, Add	*14.67*	
		For Stainless Steel Liner, Add	*20.01*	
		For 2" Wall Instead Of 1", Add	*88.53*	
		For 3" To 4" Wall Instead Of 1", Add	*137.05*	
23 51 16 00-0081	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	473.29	38.24
		For Aluminum Liner, Add	*20.78*	
		For Stainless Steel Liner, Add	*28.33*	
		For 2" Wall Instead Of 1", Add	*122.88*	
		For 3" To 4" Wall Instead Of 1", Add	*189.09*	
23 51 16 00-0082	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	584.69	43.68
		For Aluminum Liner, Add	*26.15*	
		For Stainless Steel Liner, Add	*35.66*	
		For 2" Wall Instead Of 1", Add	*153.56*	
		For 3" To 4" Wall Instead Of 1", Add	*235.80*	
23 51 16 00-0083	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	775.42	54.01
		For Aluminum Liner, Add	*35.23*	
		For Stainless Steel Liner, Add	*48.04*	
		For 2" Wall Instead Of 1", Add	*205.65*	
		For 3" To 4" Wall Instead Of 1", Add	*315.22*	
23 51 16 00-0084	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	975.42	70.55
		For Aluminum Liner, Add	*43.95*	
		For Stainless Steel Liner, Add	*59.93*	
		For 2" Wall Instead Of 1", Add	*257.35*	
		For 3" To 4" Wall Instead Of 1", Add	*394.84*	
23 51 16 00-0085	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,117.53	74.56
		For Aluminum Liner, Add	*51.21*	
		For Stainless Steel Liner, Add	*69.83*	
		For 2" Wall Instead Of 1", Add	*297.98*	
		For 3" To 4" Wall Instead Of 1", Add	*456.28*	
23 51 16 00-0086	EA	26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,521.56	80.30
		For Aluminum Liner, Add	*72.64*	
		For Stainless Steel Liner, Add	*99.05*	
		For 2" Wall Instead Of 1", Add	*416.30*	
		For 3" To 4" Wall Instead Of 1", Add	*634.49*	
23 51 16 00-0087	EA	28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,694.36	83.46
		For Aluminum Liner, Add	*81.72*	
		For Stainless Steel Liner, Add	*111.44*	
		For 2" Wall Instead Of 1", Add	*466.60*	
		For 3" To 4" Wall Instead Of 1", Add	*710.33*	
23 51 16 00-0088	EA	30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,837.75	87.95
		For Aluminum Liner, Add	*88.98*	
		For Stainless Steel Liner, Add	*121.34*	
		For 2" Wall Instead Of 1", Add	*507.35*	
		For 3" To 4" Wall Instead Of 1", Add	*772.02*	
23 51 16 00-0089	EA	32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,111.40	91.77
		For Aluminum Liner, Add	*103.51*	
		For Stainless Steel Liner, Add	*141.15*	
		For 2" Wall Instead Of 1", Add	*587.55*	
		For 3" To 4" Wall Instead Of 1", Add	*892.79*	
23 51 16 00-0090	EA	34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,154.05	95.60
		For Aluminum Liner, Add	*105.33*	
		For Stainless Steel Liner, Add	*143.63*	
		For 2" Wall Instead Of 1", Add	*598.42*	
		For 3" To 4" Wall Instead Of 1", Add	*909.58*	
23 51 16 00-0091	EA	36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,500.29	102.00
		For Aluminum Liner, Add	*123.49*	
		For Stainless Steel Liner, Add	*168.39*	
		For 2" Wall Instead Of 1", Add	*699.08*	
		For 3" To 4" Wall Instead Of 1", Add	*1,061.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0092	EA	38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,565.16	114.72
		For Aluminum Liner, Add	*125.30*	
		For Stainless Steel Liner, Add	*170.87*	
		For 2" Wall Instead Of 1", Add	*712.17*	
		For 3" To 4" Wall Instead Of 1", Add	*1,082.60*	
23 51 16 00-0093	EA	40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,804.20	131.15
		For Aluminum Liner, Add	*136.20*	
		For Stainless Steel Liner, Add	*185.73*	
		For 2" Wall Instead Of 1", Add	*775.69*	
		For 3" To 4" Wall Instead Of 1", Add	*1,179.93*	
23 51 16 00-0094	EA	42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,089.87	152.95
		For Aluminum Liner, Add	*148.91*	
		For Stainless Steel Liner, Add	*203.06*	
		For 2" Wall Instead Of 1", Add	*850.49*	
		For 3" To 4" Wall Instead Of 1", Add	*1,294.85*	
23 51 16 00-0095	EA	44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,368.45	172.07
		For Aluminum Liner, Add	*161.62*	
		For Stainless Steel Liner, Add	*220.40*	
		For 2" Wall Instead Of 1", Add	*924.57*	
		For 3" To 4" Wall Instead Of 1", Add	*1,408.35*	
23 51 16 00-0096	EA	46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,680.01	177.81
		For Aluminum Liner, Add	*177.97*	
		For Stainless Steel Liner, Add	*242.68*	
		For 2" Wall Instead Of 1", Add	*1,015.16*	
		For 3" To 4" Wall Instead Of 1", Add	*1,544.95*	
23 51 16 00-0097	EA	48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,892.61	183.54
		For Aluminum Liner, Add	*188.86*	
		For Stainless Steel Liner, Add	*257.54*	
		For 2" Wall Instead Of 1", Add	*1,076.04*	
		For 3" To 4" Wall Instead Of 1", Add	*1,637.00*	

23 51 16 00-0098 Vent Top Caps *(23 51 16 00-0001)*

23 51 16 00-0099	EA	3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	43.49	13.29
		For Aluminum Liner, Add	*0.56*	
		For Stainless Steel Liner, Add	*0.77*	
		For 2" Wall Instead Of 1", Add	*6.40*	
		For 3" To 4" Wall Instead Of 1", Add	*11.26*	
23 51 16 00-0100	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	45.55	13.96
		For Aluminum Liner, Add	*0.59*	
		For Stainless Steel Liner, Add	*0.81*	
		For 2" Wall Instead Of 1", Add	*6.71*	
		For 3" To 4" Wall Instead Of 1", Add	*11.80*	
23 51 16 00-0101	EA	6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	56.93	15.30
		For Aluminum Liner, Add	*1.03*	
		For Stainless Steel Liner, Add	*1.40*	
		For 2" Wall Instead Of 1", Add	*9.43*	
		For 3" To 4" Wall Instead Of 1", Add	*16.06*	
23 51 16 00-0102	EA	8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	61.13	17.02
		For Aluminum Liner, Add	*1.03*	
		For Stainless Steel Liner, Add	*1.40*	
		For 2" Wall Instead Of 1", Add	*9.85*	
		For 3" To 4" Wall Instead Of 1", Add	*16.90*	
23 51 16 00-0103	EA	10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	72.47	17.97
		For Aluminum Liner, Add	*1.51*	
		For Stainless Steel Liner, Add	*2.07*	
		For 2" Wall Instead Of 1", Add	*12.76*	
		For 3" To 4" Wall Instead Of 1", Add	*21.38*	
23 51 16 00-0104	EA	12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	84.12	19.12
		For Aluminum Liner, Add	*2.00*	
		For Stainless Steel Liner, Add	*2.72*	
		For 2" Wall Instead Of 1", Add	*15.68*	
		For 3" To 4" Wall Instead Of 1", Add	*25.90*	
23 51 16 00-0105	EA	16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	182.04	21.80
		For Aluminum Liner, Add	*7.01*	
		For Stainless Steel Liner, Add	*9.56*	
		For 2" Wall Instead Of 1", Add	*43.69*	
		For 3" To 4" Wall Instead Of 1", Add	*68.27*	
23 51 16 00-0106	EA	18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	329.77	27.34
		For Aluminum Liner, Add	*14.38*	
		For Stainless Steel Liner, Add	*19.61*	
		For 2" Wall Instead Of 1", Add	*85.28*	
		For 3" To 4" Wall Instead Of 1", Add	*131.33*	
23 51 16 00-0107	EA	20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	597.01	32.79
		For Aluminum Liner, Add	*28.33*	
		For Stainless Steel Liner, Add	*38.63*	
		For 2" Wall Instead Of 1", Add	*162.72*	
		For 3" To 4" Wall Instead Of 1", Add	*248.17*	
23 51 16 00-0108	EA	24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	986.41	45.89
		For Aluminum Liner, Add	*47.94*	
		For Stainless Steel Liner, Add	*65.38*	
		For 2" Wall Instead Of 1", Add	*272.98*	
		For 3" To 4" Wall Instead Of 1", Add	*415.20*	
23 51 16 00-0109	EA	26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,441.43	48.27
		For Aluminum Liner, Add	*72.64*	
		For Stainless Steel Liner, Add	*99.05*	
		For 2" Wall Instead Of 1", Add	*408.29*	
		For 3" To 4" Wall Instead Of 1", Add	*618.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0110	EA	28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,613.28	50.96
		For Aluminum Liner, Add	*81.72*	
		For Stainless Steel Liner, Add	*111.44*	
		For 2" Wall Instead Of 1", Add	*458.49*	
		For 3" To 4" Wall Instead Of 1", Add	*694.11*	
23 51 16 00-0111	EA	30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,818.96	54.01
		For Aluminum Liner, Add	*92.62*	
		For Stainless Steel Liner, Add	*126.29*	
		For 2" Wall Instead Of 1", Add	*518.68*	
		For 3" To 4" Wall Instead Of 1", Add	*784.77*	
23 51 16 00-0112	EA	32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,926.43	57.35
		For Aluminum Liner, Add	*98.06*	
		For Stainless Steel Liner, Add	*133.72*	
		For 2" Wall Instead Of 1", Add	*549.24*	
		For 3" To 4" Wall Instead Of 1", Add	*831.03*	
23 51 16 00-0113	EA	34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,035.04	61.18
		For Aluminum Liner, Add	*103.51*	
		For Stainless Steel Liner, Add	*141.15*	
		For 2" Wall Instead Of 1", Add	*579.91*	
		For 3" To 4" Wall Instead Of 1", Add	*877.52*	
23 51 16 00-0114	EA	36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,177.91	65.58
		For Aluminum Liner, Add	*110.78*	
		For Stainless Steel Liner, Add	*151.06*	
		For 2" Wall Instead Of 1", Add	*620.61*	
		For 3" To 4" Wall Instead Of 1", Add	*939.11*	

23 51 16 00-0115 Wall Thimbles *(23 51 16 00-0001)*

23 51 16 00-0116	EA	3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	19.03	7.17
		For Aluminum Liner, Add	*0.06*	
		For Stainless Steel Liner, Add	*0.09*	
		For 2" Wall Instead Of 1", Add	*2.14*	
		For 3" To 4" Wall Instead Of 1", Add	*4.10*	
23 51 16 00-0117	EA	4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	24.24	9.17
		For Aluminum Liner, Add	*0.07*	
		For Stainless Steel Liner, Add	*0.09*	
		For 2" Wall Instead Of 1", Add	*2.67*	
		For 3" To 4" Wall Instead Of 1", Add	*5.15*	
23 51 16 00-0118	EA	5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	32.32	12.33
		For Aluminum Liner, Add	*0.08*	
		For Stainless Steel Liner, Add	*0.11*	
		For 2" Wall Instead Of 1", Add	*3.53*	
		For 3" To 4" Wall Instead Of 1", Add	*6.83*	
23 51 16 00-0119	EA	7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	40.34	15.30
		For Aluminum Liner, Add	*0.12*	
		For Stainless Steel Liner, Add	*0.16*	
		For 2" Wall Instead Of 1", Add	*4.45*	
		For 3" To 4" Wall Instead Of 1", Add	*8.59*	
23 51 16 00-0120	EA	10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	57.03	20.65
		For Aluminum Liner, Add	*0.30*	
		For Stainless Steel Liner, Add	*0.41*	
		For 2" Wall Instead Of 1", Add	*6.79*	
		For 3" To 4" Wall Instead Of 1", Add	*12.76*	
23 51 16 00-0121	EA	12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	71.71	25.62
		For Aluminum Liner, Add	*0.42*	
		For Stainless Steel Liner, Add	*0.57*	
		For 2" Wall Instead Of 1", Add	*8.70*	
		For 3" To 4" Wall Instead Of 1", Add	*16.26*	
23 51 16 00-0122	EA	14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	89.46	30.59
		For Aluminum Liner, Add	*0.71*	
		For Stainless Steel Liner, Add	*0.97*	
		For 2" Wall Instead Of 1", Add	*11.54*	
		For 3" To 4" Wall Instead Of 1", Add	*21.14*	
23 51 16 00-0123	EA	18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	114.06	36.32
		For Aluminum Liner, Add	*1.28*	
		For Stainless Steel Liner, Add	*1.74*	
		For 2" Wall Instead Of 1", Add	*16.05*	
		For 3" To 4" Wall Instead Of 1", Add	*28.62*	
23 51 16 00-0124	EA	22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	147.09	40.15
		For Aluminum Liner, Add	*2.57*	
		For Stainless Steel Liner, Add	*3.50*	
		For 2" Wall Instead Of 1", Add	*24.05*	
		For 3" To 4" Wall Instead Of 1", Add	*41.10*	

23 51 16 00-0125 Adjustable Roof Flashing *(23 51 16 00-0001)*

23 51 16 00-0126	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	50.04	17.02
		For Aluminum Liner, Add	*0.42*	
		For Stainless Steel Liner, Add	*0.57*	
		For 2" Wall Instead Of 1", Add	*6.52*	
		For 3" To 4" Wall Instead Of 1", Add	*11.91*	
23 51 16 00-0127	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	54.78	17.97
		For Aluminum Liner, Add	*0.54*	
		For Stainless Steel Liner, Add	*0.73*	
		For 2" Wall Instead Of 1", Add	*7.43*	
		For 3" To 4" Wall Instead Of 1", Add	*13.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0128	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	67.33	20.36
		For Aluminum Liner, Add	*0.90*	
		For Stainless Steel Liner, Add	*1.23*	
		For 2" Wall Instead Of 1", Add	*10.01*	
		For 3" To 4" Wall Instead Of 1", Add	*17.56*	
23 51 16 00-0129	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	81.18	23.52
		For Aluminum Liner, Add	*1.23*	
		For Stainless Steel Liner, Add	*1.68*	
		For 2" Wall Instead Of 1", Add	*12.60*	
		For 3" To 4" Wall Instead Of 1", Add	*21.83*	
23 51 16 00-0130	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	125.17	25.53
		For Aluminum Liner, Add	*3.38*	
		For Stainless Steel Liner, Add	*4.61*	
		For 2" Wall Instead Of 1", Add	*24.80*	
		For 3" To 4" Wall Instead Of 1", Add	*40.39*	
23 51 16 00-0131	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	147.41	27.82
		For Aluminum Liner, Add	*4.29*	
		For Stainless Steel Liner, Add	*5.84*	
		For 2" Wall Instead Of 1", Add	*30.33*	
		For 3" To 4" Wall Instead Of 1", Add	*48.96*	
23 51 16 00-0132	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	172.23	30.59
		For Aluminum Liner, Add	*5.27*	
		For Stainless Steel Liner, Add	*7.18*	
		For 2" Wall Instead Of 1", Add	*36.37*	
		For 3" To 4" Wall Instead Of 1", Add	*58.38*	
23 51 16 00-0133	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	203.95	34.03
		For Aluminum Liner, Add	*6.54*	
		For Stainless Steel Liner, Add	*8.92*	
		For 2" Wall Instead Of 1", Add	*44.17*	
		For 3" To 4" Wall Instead Of 1", Add	*70.51*	
23 51 16 00-0134	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	300.35	38.24
		For Aluminum Liner, Add	*11.26*	
		For Stainless Steel Liner, Add	*15.35*	
		For 2" Wall Instead Of 1", Add	*70.98*	
		For 3" To 4" Wall Instead Of 1", Add	*111.25*	
23 51 16 00-0135	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	336.14	50.96
		For Aluminum Liner, Add	*11.48*	
		For Stainless Steel Liner, Add	*15.65*	
		For 2" Wall Instead Of 1", Add	*75.35*	
		For 3" To 4" Wall Instead Of 1", Add	*119.40*	
23 51 16 00-0136	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	428.06	65.58
		For Aluminum Liner, Add	*14.53*	
		For Stainless Steel Liner, Add	*19.81*	
		For 2" Wall Instead Of 1", Add	*95.64*	
		For 3" To 4" Wall Instead Of 1", Add	*151.65*	
23 51 16 00-0137	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	508.16	76.48
		For Aluminum Liner, Add	*17.43*	
		For Stainless Steel Liner, Add	*23.77*	
		For 2" Wall Instead Of 1", Add	*114.21*	
		For 3" To 4" Wall Instead Of 1", Add	*180.87*	

23 51 16 00-0138 Galvanized Storm Collars *(23 51 16 00-0001)*

23 51 16 00-0139	EA	3" Round Galvanized Storm Collar, Double Wall	20.05	7.17
		For Aluminum Liner, Add	*0.12*	
		For Stainless Steel Liner, Add	*0.16*	
		For 2" Wall Instead Of 1", Add	*2.44*	
		For 3" To 4" Wall Instead Of 1", Add	*4.56*	
23 51 16 00-0140	EA	4" Round Galvanized Storm Collar, Double Wall	25.46	9.17
		For Aluminum Liner, Add	*0.14*	
		For Stainless Steel Liner, Add	*0.19*	
		For 2" Wall Instead Of 1", Add	*3.05*	
		For 3" To 4" Wall Instead Of 1", Add	*5.72*	
23 51 16 00-0141	EA	5" Round Galvanized Storm Collar, Double Wall	29.90	10.70
		For Aluminum Liner, Add	*0.17*	
		For Stainless Steel Liner, Add	*0.23*	
		For 2" Wall Instead Of 1", Add	*3.62*	
		For 3" To 4" Wall Instead Of 1", Add	*6.76*	
23 51 16 00-0142	EA	6" Round Galvanized Storm Collar, Double Wall	34.35	12.23
		For Aluminum Liner, Add	*0.21*	
		For Stainless Steel Liner, Add	*0.28*	
		For 2" Wall Instead Of 1", Add	*4.19*	
		For 3" To 4" Wall Instead Of 1", Add	*7.81*	
23 51 16 00-0143	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	43.24	15.30
		For Aluminum Liner, Add	*0.28*	
		For Stainless Steel Liner, Add	*0.38*	
		For 2" Wall Instead Of 1", Add	*5.32*	
		For 3" To 4" Wall Instead Of 1", Add	*9.90*	
23 51 16 00-0144	EA	10" Round Galvanized Storm Collar, Double Wall	59.47	20.65
		For Aluminum Liner, Add	*0.43*	
		For Stainless Steel Liner, Add	*0.59*	
		For 2" Wall Instead Of 1", Add	*7.52*	
		For 3" To 4" Wall Instead Of 1", Add	*13.85*	
23 51 16 00-0145	EA	12" Round Galvanized Storm Collar, Double Wall	73.47	25.62
		For Aluminum Liner, Add	*0.52*	
		For Stainless Steel Liner, Add	*0.71*	
		For 2" Wall Instead Of 1", Add	*9.23*	
		For 3" To 4" Wall Instead Of 1", Add	*17.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0146	EA	14" Or 16" Round Galvanized Storm Collar, Double Wall	92.46	30.59
		For Aluminum Liner, Add	*0.88*	
		For Stainless Steel Liner, Add	*1.20*	
		For 2" Wall Instead Of 1", Add	*12.44*	
		For 3" To 4" Wall Instead Of 1", Add	*22.49*	
23 51 16 00-0147	EA	18" Or 20" Round Galvanized Storm Collar, Double Wall	119.74	36.32
		For Aluminum Liner, Add	*1.59*	
		For Stainless Steel Liner, Add	*2.17*	
		For 2" Wall Instead Of 1", Add	*17.76*	
		For 3" To 4" Wall Instead Of 1", Add	*31.18*	
23 51 16 00-0148	EA	22" Or 24" Round Galvanized Storm Collar, Double Wall	161.33	40.15
		For Aluminum Liner, Add	*3.35*	
		For Stainless Steel Liner, Add	*4.57*	
		For 2" Wall Instead Of 1", Add	*28.33*	
		For 3" To 4" Wall Instead Of 1", Add	*47.51*	

23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0149)*

23 51 16 00-0151	LF	4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	31.93	8.98
		For 2" Wall Instead Of 1", Add	*5.09*	
		For 3" To 4" Wall Instead Of 1", Add	*8.75*	
23 51 16 00-0152	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	34.96	9.56
		For 2" Wall Instead Of 1", Add	*5.74*	
		For 3" To 4" Wall Instead Of 1", Add	*9.80*	
23 51 16 00-0153	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	38.56	10.23
		For 2" Wall Instead Of 1", Add	*6.46*	
		For 3" To 4" Wall Instead Of 1", Add	*10.97*	

23 51 16 00-0154 45 Degree Elbows *(23 51 16 00-0149)*

23 51 16 00-0155	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	69.32	18.64
		For 2" Wall Instead Of 1", Add	*11.47*	
		For 3" To 4" Wall Instead Of 1", Add	*19.54*	
23 51 16 00-0156	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	80.90	21.80
		For 2" Wall Instead Of 1", Add	*13.37*	
		For 3" To 4" Wall Instead Of 1", Add	*22.78*	
23 51 16 00-0157	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	95.55	24.66
		For 2" Wall Instead Of 1", Add	*16.33*	
		For 3" To 4" Wall Instead Of 1", Add	*27.58*	
23 51 16 00-0158	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	70.45	18.64
		For 2" Wall Instead Of 1", Add	*11.81*	
		For 3" To 4" Wall Instead Of 1", Add	*20.05*	
23 51 16 00-0159	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	83.66	21.80
		For 2" Wall Instead Of 1", Add	*14.20*	
		For 3" To 4" Wall Instead Of 1", Add	*24.02*	
23 51 16 00-0160	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	97.33	24.66
		For 2" Wall Instead Of 1", Add	*16.86*	
		For 3" To 4" Wall Instead Of 1", Add	*28.38*	

23 51 16 00-0161 Tees *(23 51 16 00-0149)*

23 51 16 00-0162	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	114.08	28.29
		For 2" Wall Instead Of 1", Add	*20.06*	
		For 3" To 4" Wall Instead Of 1", Add	*33.63*	
23 51 16 00-0163	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	115.86	28.29
		For 2" Wall Instead Of 1", Add	*20.60*	
		For 3" To 4" Wall Instead Of 1", Add	*34.43*	
23 51 16 00-0164	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	133.12	32.50
		For 2" Wall Instead Of 1", Add	*23.68*	
		For 3" To 4" Wall Instead Of 1", Add	*39.59*	
23 51 16 00-0165	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	151.81	36.42
		For 2" Wall Instead Of 1", Add	*27.34*	
		For 3" To 4" Wall Instead Of 1", Add	*45.55*	

23 51 16 00-0166 Tops/Caps And Adjustable Flashing *(23 51 16 00-0149)*

23 51 16 00-0167	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	42.64	9.17
		For 2" Wall Instead Of 1", Add	*8.19*	
		For 3" To 4" Wall Instead Of 1", Add	*13.43*	
23 51 16 00-0168	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	65.28	12.33
		For 2" Wall Instead Of 1", Add	*13.42*	
		For 3" To 4" Wall Instead Of 1", Add	*21.67*	
23 51 16 00-0169	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	35.67	9.17
		For 2" Wall Instead Of 1", Add	*6.10*	
		For 3" To 4" Wall Instead Of 1", Add	*10.29*	
23 51 16 00-0170	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	58.71	12.33
		For 2" Wall Instead Of 1", Add	*11.45*	
		For 3" To 4" Wall Instead Of 1", Add	*18.71*	

23 51 16 00-0171 Storm Collars *(23 51 16 00-0149)*

23 51 16 00-0172	EA	4" Oval Galvanized Storm Collar, Double Wall	25.46	9.17
		For 2" Wall Instead Of 1", Add	*3.05*	
		For 3" To 4" Wall Instead Of 1", Add	*5.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0173	EA	5" Oval Galvanized Storm Collar, Double Wall	29.90	10.70
		For 2" Wall Instead Of 1", Add	*3.62*	
		For 3" To 4" Wall Instead Of 1", Add	*6.76*	
23 51 16 00-0174	EA	6" Oval Galvanized Storm Collar, Double Wall	34.35	12.23
		For 2" Wall Instead Of 1", Add	*4.19*	
		For 3" To 4" Wall Instead Of 1", Add	*7.81*	

23 51 16 00-0175 Round Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0176 Round Double Wall Flue/Vent Pipe *(23 51 16 00-0175)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0177	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	86.29	10.23
		For 316 Stainless Steel, Add	*9.72*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*6.08*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*12.15*	
23 51 16 00-0178	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	103.60	11.76
		For 316 Stainless Steel, Add	*11.86*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*7.42*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*14.83*	
23 51 16 00-0179	LF	10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	114.91	12.71
		For 316 Stainless Steel, Add	*13.29*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*8.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*16.62*	
23 51 16 00-0180	LF	12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	129.45	13.86
		For 316 Stainless Steel, Add	*15.15*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.47*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*18.94*	
23 51 16 00-0181	LF	14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	145.42	14.53
		For 316 Stainless Steel, Add	*17.44*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.90*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*21.80*	
23 51 16 00-0182	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	153.55	15.30
		For 316 Stainless Steel, Add	*18.44*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.53*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*23.05*	
23 51 16 00-0183	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	169.83	16.15
		For 316 Stainless Steel, Add	*20.73*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.95*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*25.91*	
23 51 16 00-0184	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	212.07	25.53
		For 316 Stainless Steel, Add	*23.73*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.83*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*29.66*	
23 51 16 00-0185	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	262.91	28.68
		For 316 Stainless Steel, Add	*30.59*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*19.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*38.24*	
23 51 16 00-0186	LF	28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	296.22	30.59
		For 316 Stainless Steel, Add	*35.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*43.96*	
23 51 16 00-0187	LF	32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	331.46	33.94
		For 316 Stainless Steel, Add	*39.45*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*24.66*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*49.32*	
23 51 16 00-0188	LF	36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	368.61	36.70
		For 316 Stainless Steel, Add	*44.31*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*27.70*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*55.39*	
23 51 16 00-0189	LF	42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	420.79	41.77
		For 316 Stainless Steel, Add	*50.60*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.63*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*63.25*	
23 51 16 00-0190	LF	48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	492.59	48.37
		For 316 Stainless Steel, Add	*59.47*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*37.17*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*74.33*	

23 51 16 00-0191 90 Degree Elbows *(23 51 16 00-0175)*

23 51 16 00-0192	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	397.64	21.12
		For 316 Stainless Steel, Add	*68.97*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0193	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	439.37	23.52
		For 316 Stainless Steel, Add	*76.12*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*38.06*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*76.12*	
23 51 16 00-0194	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	499.77	25.53
		For 316 Stainless Steel, Add	*87.20*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*43.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*87.20*	
23 51 16 00-0195	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	564.45	27.82
		For 316 Stainless Steel, Add	*98.99*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*49.50*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*98.99*	
23 51 16 00-0196	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	653.56	29.16
		For 316 Stainless Steel, Add	*116.14*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*58.07*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*116.14*	
23 51 16 00-0197	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	719.72	30.59
		For 316 Stainless Steel, Add	*128.65*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*64.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*128.65*	
23 51 16 00-0198	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	830.94	32.22
		For 316 Stainless Steel, Add	*150.09*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*75.05*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*150.09*	
23 51 16 00-0199	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	967.26	50.96
		For 316 Stainless Steel, Add	*167.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*83.98*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*167.96*	
23 51 16 00-0200	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,188.66	57.35
		For 316 Stainless Steel, Add	*209.06*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*104.53*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*209.06*	
23 51 16 00-0201	EA	28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,439.45	61.18
		For 316 Stainless Steel, Add	*257.30*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*128.65*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*257.30*	
23 51 16 00-0202	EA	32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,897.02	65.48
		For 316 Stainless Steel, Add	*346.64*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*173.32*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*346.64*	
23 51 16 00-0203	EA	36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,156.68	76.48
		For 316 Stainless Steel, Add	*393.10*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*196.55*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*393.10*	
23 51 16 00-0204	EA	42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,156.76	83.46
		For 316 Stainless Steel, Add	*589.65*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*294.82*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*589.65*	
23 51 16 00-0205	EA	48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,937.05	91.77
		For 316 Stainless Steel, Add	*741.53*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*370.76*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*741.53*	

23 51 16 00-0206 45 Degree Elbows *(23 51 16 00-0175)*

23 51 16 00-0207	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	267.16	20.36
		For 316 Stainless Steel, Add	*43.24*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.62*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*43.24*	
23 51 16 00-0208	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	305.36	23.52
		For 316 Stainless Steel, Add	*49.32*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*24.66*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*49.32*	
23 51 16 00-0209	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	338.94	25.53
		For 316 Stainless Steel, Add	*55.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*27.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*55.03*	
23 51 16 00-0210	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	385.78	27.82
		For 316 Stainless Steel, Add	*63.25*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.63*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*63.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0211	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	433.79	29.16
		For 316 Stainless Steel, Add	*72.19*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*36.09*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*72.19*	
23 51 16 00-0212	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	485.65	30.59
		For 316 Stainless Steel, Add	*81.84*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*40.92*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*81.84*	
23 51 16 00-0213	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	543.26	32.22
		For 316 Stainless Steel, Add	*92.56*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*46.28*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*92.56*	
23 51 16 00-0214	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	656.37	50.96
		For 316 Stainless Steel, Add	*105.78*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*52.89*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*105.78*	
23 51 16 00-0215	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	822.38	57.35
		For 316 Stainless Steel, Add	*135.80*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*67.90*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*135.80*	
23 51 16 00-0216	EA	28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	921.28	61.18
		For 316 Stainless Steel, Add	*153.67*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*76.83*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*153.67*	
23 51 16 00-0217	EA	32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,191.23	65.48
		For 316 Stainless Steel, Add	*205.48*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*102.74*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*205.48*	
23 51 16 00-0218	EA	36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,575.97	76.48
		For 316 Stainless Steel, Add	*276.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*138.48*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*276.96*	
23 51 16 00-0219	EA	42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,084.67	83.46
		For 316 Stainless Steel, Add	*375.23*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*187.62*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*375.23*	
23 51 16 00-0220	EA	48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,775.66	91.77
		For 316 Stainless Steel, Add	*509.24*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*254.62*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*509.24*	

23 51 16 00-0221 Tees *(23 51 16 00-0175)*

23 51 16 00-0222	EA	6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	290.72	25.53
		For 316 Stainless Steel, Add	*49.92*	
		For Tee Cap, Add	*67.71*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.69*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*45.39*	
23 51 16 00-0223	EA	8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	330.37	27.82
		For 316 Stainless Steel, Add	*57.39*	
		For Tee Cap, Add	*76.50*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*26.09*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*52.17*	
23 51 16 00-0224	EA	10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	378.36	29.16
		For 316 Stainless Steel, Add	*67.22*	
		For Tee Cap, Add	*86.60*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*30.55*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*61.11*	
23 51 16 00-0225	EA	12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	433.82	30.59
		For 316 Stainless Steel, Add	*78.62*	
		For Tee Cap, Add	*98.23*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*35.74*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*71.47*	
23 51 16 00-0226	EA	14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	506.66	34.03
		For 316 Stainless Steel, Add	*92.77*	
		For Tee Cap, Add	*114.08*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*42.17*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*84.34*	
23 51 16 00-0227	EA	16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	569.05	38.24
		For 316 Stainless Steel, Add	*104.17*	
		For Tee Cap, Add	*128.14*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*47.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*94.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0228	EA	18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	663.08	43.68
		For 316 Stainless Steel, Add	*121.86*	
		For Tee Cap, Add	*148.99*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*55.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*110.78*	
23 51 16 00-0229	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	760.34	54.01
		For 316 Stainless Steel, Add	*137.58*	
		For Tee Cap, Add	*172.31*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*62.54*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*125.08*	
23 51 16 00-0230	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	968.45	76.48
		For 316 Stainless Steel, Add	*171.00*	
		For Tee Cap, Add	*222.37*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*77.73*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*155.45*	
23 51 16 00-0231	EA	28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,173.40	83.46
		For 316 Stainless Steel, Add	*212.27*	
		For Tee Cap, Add	*265.96*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*96.49*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*192.98*	
23 51 16 00-0232	EA	32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,551.66	91.77
		For 316 Stainless Steel, Add	*290.89*	
		For Tee Cap, Add	*344.75*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*132.22*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*264.45*	
23 51 16 00-0233	EA	36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,729.17	102.00
		For 316 Stainless Steel, Add	*324.31*	
		For Tee Cap, Add	*384.09*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*147.41*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*294.82*	
23 51 16 00-0234	EA	42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,749.91	152.95
		For 316 Stainless Steel, Add	*520.86*	
		For Tee Cap, Add	*607.34*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*236.75*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*473.51*	
23 51 16 00-0235	EA	48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,451.79	183.54
		For 316 Stainless Steel, Add	*658.44*	
		For Tee Cap, Add	*759.19*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*299.29*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*598.58*	

23 51 16 00-0236 Bellows *(23 51 16 00-0175)*

23 51 16 00-0237	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	540.55	20.36
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*48.96*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*97.92*	
23 51 16 00-0238	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	589.46	23.52
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*53.07*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*106.14*	
23 51 16 00-0239	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	644.50	25.53
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*58.07*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*116.14*	
23 51 16 00-0240	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	712.75	27.82
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*64.33*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*128.65*	
23 51 16 00-0241	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	796.51	29.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*72.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*144.73*	
23 51 16 00-0242	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	880.54	30.59
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*80.41*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*160.81*	
23 51 16 00-0243	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	982.82	32.22
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*90.23*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*180.47*	
23 51 16 00-0244	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,145.93	50.96
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*101.85*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*203.70*	
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,412.04	57.35
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*126.86*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*253.73*	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,582.42	61.18
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*142.95*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*285.89*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0247	EA	32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,807.78	65.58
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*164.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*328.77*	
23 51 16 00-0248	EA	36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,067.35	76.48
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*187.62*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*375.23*	
23 51 16 00-0249	EA	42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,620.74	83.46
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*241.22*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*482.44*	
23 51 16 00-0250	EA	48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,177.69	91.77
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*294.82*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*589.65*	

23 51 16 00-0251 Ventilated Roof Thimbles *(23 51 16 00-0175)*

23 51 16 00-0252	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	362.58	23.52
		For 316 Stainless Steel, Add	*30.38*	
23 51 16 00-0253	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	394.70	27.82
		For 316 Stainless Steel, Add	*32.52*	
23 51 16 00-0254	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	432.02	30.59
		For 316 Stainless Steel, Add	*35.56*	
23 51 16 00-0255	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	467.41	34.03
		For 316 Stainless Steel, Add	*38.24*	
23 51 16 00-0256	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	592.08	36.04
		For 316 Stainless Steel, Add	*50.21*	
23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	531.56	38.24
		For 316 Stainless Steel, Add	*43.60*	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	571.94	40.82
		For 316 Stainless Steel, Add	*46.99*	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	647.28	57.35
		For 316 Stainless Steel, Add	*50.39*	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	726.55	65.48
		For 316 Stainless Steel, Add	*56.29*	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	828.57	70.55
		For 316 Stainless Steel, Add	*65.22*	
23 51 16 00-0262	EA	32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	923.66	76.38
		For 316 Stainless Steel, Add	*73.26*	
23 51 16 00-0263	EA	36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,033.35	91.67
		For 316 Stainless Steel, Add	*80.41*	
23 51 16 00-0264	EA	42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,317.96	101.90
		For 316 Stainless Steel, Add	*106.32*	
23 51 16 00-0265	EA	48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,626.70	114.62
		For 316 Stainless Steel, Add	*134.01*	

23 51 16 00-0266 Exit Cones *(23 51 16 00-0175)*

23 51 16 00-0267	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	249.48	13.29
23 51 16 00-0268	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	263.35	14.53
23 51 16 00-0269	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	283.02	15.30
23 51 16 00-0270	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	295.75	16.06
23 51 16 00-0271	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	325.42	16.54
23 51 16 00-0272	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	355.10	16.92
23 51 16 00-0273	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	429.61	17.49
23 51 16 00-0274	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	541.16	32.79
23 51 16 00-0275	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	677.87	35.28
23 51 16 00-0276	EA	28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	806.50	36.70
23 51 16 00-0277	EA	32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	989.02	38.24
23 51 16 00-0278	EA	36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,122.80	41.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0279	EA	42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,413.66	43.68
23 51 16 00-0280	EA	48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,803.27	45.89

23 51 16 00-0281 Vent Top Caps *(23 51 16 00-0175)*

23 51 16 00-0282	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	272.64	13.29
23 51 16 00-0283	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	315.16	14.53
23 51 16 00-0284	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	365.19	15.30
23 51 16 00-0285	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	419.02	16.06
23 51 16 00-0286	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	487.98	16.54
23 51 16 00-0287	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	553.50	17.02
23 51 16 00-0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	615.47	17.49
23 51 16 00-0289	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	742.98	32.79
23 51 16 00-0290	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	883.35	35.28
23 51 16 00-0291	EA	28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	958.32	36.70
23 51 16 00-0292	EA	32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,087.23	38.24
23 51 16 00-0293	EA	36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,265.64	41.68
23 51 16 00-0294	EA	42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,538.67	43.68
23 51 16 00-0295	EA	48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,785.33	45.89

23 51 16 00-0296 Roof Support Assemblies *(23 51 16 00-0175)*

23 51 16 00-0297	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	413.11	24.47
		For 316 Stainless Steel, Add	*70.40*	
23 51 16 00-0298	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	457.01	29.16
		For 316 Stainless Steel, Add	*76.83*	
23 51 16 00-0299	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	502.13	32.22
		For 316 Stainless Steel, Add	*84.34*	
23 51 16 00-0300	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	536.61	35.94
		For 316 Stainless Steel, Add	*89.34*	
23 51 16 00-0301	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	597.68	38.24
		For 316 Stainless Steel, Add	*100.42*	
23 51 16 00-0302	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	634.45	40.82
		For 316 Stainless Steel, Add	*106.49*	
23 51 16 00-0303	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	681.13	43.78
		For 316 Stainless Steel, Add	*114.36*	
23 51 16 00-0304	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	760.47	61.18
		For 316 Stainless Steel, Add	*121.50*	
23 51 16 00-0305	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	855.50	70.64
		For 316 Stainless Steel, Add	*135.80*	
23 51 16 00-0306	EA	28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	986.32	76.48
		For 316 Stainless Steel, Add	*159.03*	
23 51 16 00-0307	EA	32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,173.42	83.46
		For 316 Stainless Steel, Add	*192.98*	
23 51 16 00-0308	EA	36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,362.87	102.00
		For 316 Stainless Steel, Add	*221.56*	
23 51 16 00-0309	EA	42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,019.97	114.72
		For 316 Stainless Steel, Add	*346.64*	
23 51 16 00-0310	EA	48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,470.21	130.39
		For 316 Stainless Steel, Add	*428.83*	

23 51 16 00-0311 Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: With 1" insulation.

23 51 16 00-0312 Round Stainless Steel Double Wall Flue/Vent Pipe *(23 51 16 00-0311)*

Note: With 1" insulation.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0313	LF	6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	75.57	10.23
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*5.00*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*10.01*	
23 51 16 00-0314	LF	7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	91.66	10.89
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*6.43*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*12.87*	
23 51 16 00-0315	LF	8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	104.50	11.76
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*7.51*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*15.01*	
23 51 16 00-0316	LF	10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	140.77	12.71
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.90*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*21.80*	
23 51 16 00-0317	LF	12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	181.31	13.96
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.65*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*29.30*	
23 51 16 00-0318	LF	14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	229.48	14.63
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*19.30*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*38.60*	

23 51 16 00-0319 90 Degree Elbows *(23 51 16 00-0311)*

23 51 16 00-0320	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	162.67	20.36
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.17*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*22.34*	
23 51 16 00-0321	EA	7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	179.66	21.80
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.51*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*25.02*	
23 51 16 00-0322	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	201.76	23.52
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.29*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*28.59*	
23 51 16 00-0323	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	249.59	25.53
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*18.58*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*37.17*	
23 51 16 00-0324	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	296.44	27.82
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*22.69*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*45.39*	
23 51 16 00-0325	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	344.40	29.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*27.16*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*54.32*	

23 51 16 00-0326 45 Degree Elbows *(23 51 16 00-0311)*

23 51 16 00-0327	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	134.76	20.36
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*8.38*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*16.75*	
23 51 16 00-0328	EA	7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	148.39	21.80
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*9.38*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*18.76*	
23 51 16 00-0329	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	166.04	23.52
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.72*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*21.44*	
23 51 16 00-0330	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	203.13	25.53
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*13.94*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*27.87*	
23 51 16 00-0331	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	239.68	27.82
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*17.02*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*34.04*	
23 51 16 00-0332	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	276.54	29.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*20.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*40.74*	

23 51 16 00-0333 Tees With Tee Caps *(23 51 16 00-0311)*

23 51 16 00-0334	EA	6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	261.79	20.36
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*21.08*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*42.17*	
23 51 16 00-0335	EA	7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	329.76	21.80
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*27.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*55.03*	
23 51 16 00-0336	EA	8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	369.70	23.52
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.09*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*62.18*	
23 51 16 00-0337	EA	10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	501.47	25.53
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*43.78*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*87.55*	
23 51 16 00-0338	EA	12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	685.92	27.82
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*61.65*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*123.29*	
23 51 16 00-0339	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	876.84	29.16
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*80.41*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*160.81*	

23 51 16 00-0340 Joist Shields *(23 51 16 00-0311)*

23 51 16 00-0341	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	115.29	20.36
23 51 16 00-0342	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	124.28	21.80
23 51 16 00-0343	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	144.56	23.52
23 51 16 00-0344	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	179.05	25.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0345	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	213.34	27.82
23 51 16 00-0346	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	251.48	29.16
23 51 16 00-0347		**Adjustable Roof Flashing** *(23 51 16 00-0311)*		
23 51 16 00-0348	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	135.82	20.36
23 51 16 00-0349	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	151.07	21.80
23 51 16 00-0350	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	164.20	23.52
23 51 16 00-0351	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	198.67	25.53
23 51 16 00-0352	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	243.77	27.82
23 51 16 00-0353	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	290.76	29.06
23 51 16 00-0354		**Vent Top Caps** *(23 51 16 00-0311)*		
23 51 16 00-0355	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	122.43	20.36
23 51 16 00-0356	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	151.96	21.80
23 51 16 00-0357	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	189.23	23.52
23 51 16 00-0358	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	297.88	25.53
23 51 16 00-0359	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	403.68	27.82
23 51 16 00-0360	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	512.38	29.16
23 51 16 00-0361		**Roof Support Assemblies** *(23 51 16 00-0311)*		
23 51 16 00-0362	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	178.64	20.36
23 51 16 00-0363	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	198.42	21.80
23 51 16 00-0364	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	215.12	23.52
23 51 16 00-0365	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	269.20	25.53
23 51 16 00-0366	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	317.87	27.82
23 51 16 00-0367	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	387.30	29.16
23 51 16 00-0368		**Polyvinyl Chloride (PVC) Flue/Vent Accessories** *(23 51 16)*		
23 51 16 00-0369		**Concentric Polyvinyl Chloride (PVC) Vent Termination** *(23 51 16 00-0368)*		
23 51 16 00-0370	EA	2" Concentric Polyvinyl Chloride (PVC) Vent Termination	162.01	38.95
23 51 16 00-0371	EA	3" Concentric Polyvinyl Chloride (PVC) Vent Termination	174.03	38.95
23 51 16 00-0372		**Polypropylene (PP) Flue/Vent Pipe And Fittings** *(23 51 16)* Note: Centrotherm InnoFlue® Vent System		
23 51 16 00-0373		**Polypropylene Flue/Vent Rigid Pipe Sections** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0374	EA	2" x 12" Polypropylene Flue/Vent Rigid Pipe Section	34.33	11.83
23 51 16 00-0375	EA	2" x 24" Polypropylene Flue/Vent Rigid Pipe Section	38.40	12.44
23 51 16 00-0376	EA	2" x 36" Polypropylene Flue/Vent Rigid Pipe Section	43.74	13.83
23 51 16 00-0377	EA	2" x 72" Polypropylene Flue/Vent Rigid Pipe Section	53.74	16.27
23 51 16 00-0378	EA	3" x 12" Polypropylene Flue/Vent Rigid Pipe Section	40.85	13.56
23 51 16 00-0379	EA	3" x 24" Polypropylene Flue/Vent Rigid Pipe Section	48.00	14.27
23 51 16 00-0380	EA	3" x 36" Polypropylene Flue/Vent Rigid Pipe Section	57.84	15.86
23 51 16 00-0381	EA	3" x 72" Polypropylene Flue/Vent Rigid Pipe Section	70.93	18.65
23 51 16 00-0382	EA	4" x 12" Polypropylene Flue/Vent Rigid Pipe Section	64.70	17.93
23 51 16 00-0383	EA	4" x 24" Polypropylene Flue/Vent Rigid Pipe Section	74.96	18.87
23 51 16 00-0384	EA	4" x 36" Polypropylene Flue/Vent Rigid Pipe Section	91.65	20.97
23 51 16 00-0385	EA	4" x 72" Polypropylene Flue/Vent Rigid Pipe Section	117.17	24.67
23 51 16 00-0386	EA	5" x 12" Polypropylene Flue/Vent Rigid Pipe Section	95.90	26.47
23 51 16 00-0387	EA	5" x 24" Polypropylene Flue/Vent Rigid Pipe Section	108.14	27.85
23 51 16 00-0388	EA	5" x 36" Polypropylene Flue/Vent Rigid Pipe Section	137.29	30.95
23 51 16 00-0389	EA	5" x 72" Polypropylene Flue/Vent Rigid Pipe Section	176.05	36.42
23 51 16 00-0390		**Polypropylene Flue/Vent Elbows** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0391	EA	2" Polypropylene Flue/Vent 15 Degree Elbow	42.29	14.36
23 51 16 00-0392	EA	3" Polypropylene Flue/Vent 15 Degree Elbow	48.40	15.13
23 51 16 00-0393	EA	4" Polypropylene Flue/Vent 15 Degree Elbow	58.41	15.68
23 51 16 00-0394	EA	5" Polypropylene Flue/Vent 15 Degree Elbow	66.63	16.32
23 51 16 00-0395	EA	2" Polypropylene Flue/Vent 30 Degree Elbow	42.29	14.36
23 51 16 00-0396	EA	3" Polypropylene Flue/Vent 30 Degree Elbow	48.40	15.13
23 51 16 00-0397	EA	4" Polypropylene Flue/Vent 30 Degree Elbow	58.41	15.68
23 51 16 00-0398	EA	5" Polypropylene Flue/Vent 30 Degree Elbow	66.63	16.32
23 51 16 00-0399	EA	2" Polypropylene Flue/Vent 45 Degree Elbow	42.29	14.36
23 51 16 00-0400	EA	3" Polypropylene Flue/Vent 45 Degree Elbow	48.40	15.13
23 51 16 00-0401	EA	4" Polypropylene Flue/Vent 45 Degree Elbow	58.41	15.68
23 51 16 00-0402	EA	5" Polypropylene Flue/Vent 45 Degree Elbow	66.63	16.32
23 51 16 00-0403	EA	2" Polypropylene Flue/Vent 87 Degree Elbow	42.29	14.36
23 51 16 00-0404	EA	3" Polypropylene Flue/Vent 87 Degree Elbow	48.40	15.13
23 51 16 00-0405	EA	4" Polypropylene Flue/Vent 87 Degree Elbow	57.81	15.68
23 51 16 00-0406	EA	5" Polypropylene Flue/Vent 87 Degree Elbow	68.10	16.32
23 51 16 00-0407		**Polypropylene Flue/Vent Tees** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0408	EA	2" Polypropylene Flue/Vent Tee	116.79	21.56
23 51 16 00-0409	EA	3" Polypropylene Flue/Vent Tee	143.96	22.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0410	EA	4" Polypropylene Flue/Vent Tee	166.96	23.52
23 51 16 00-0411	EA	5" Polypropylene Flue/Vent Tee	181.87	24.47
23 51 16 00-0412		**Polypropylene Flue/Vent Adaptors** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0413	EA	2" Polypropylene Flue/Vent Adaptor With Gasket	48.11	14.36
23 51 16 00-0414	EA	3" Polypropylene Flue/Vent Adaptor With Gasket	65.36	15.13
23 51 16 00-0415	EA	4" Polypropylene Flue/Vent Adaptor With Gasket	74.84	15.68
23 51 16 00-0416	EA	5" Polypropylene Flue/Vent Adaptor With Gasket	98.74	16.32
23 51 16 00-0417		**Polypropylene Flue/Vent Increases** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0418	EA	2" to 3" Polypropylene Flue/Vent Centric Increaser	52.54	14.75
23 51 16 00-0419	EA	3" to 4" Polypropylene Flue/Vent Centric Increaser	57.04	15.40
23 51 16 00-0420	EA	4" to 5" Polypropylene Flue/Vent Centric Increaser	94.95	15.99
23 51 16 00-0421	EA	2" to 3" Polypropylene Flue/Vent Eccentric Increaser	67.49	14.75
23 51 16 00-0422	EA	3" to 4" Polypropylene Flue/Vent Eccentric Increaser	55.82	15.40
23 51 16 00-0423	EA	4" to 5" Polypropylene Flue/Vent Eccentric Increaser	126.88	15.99
23 51 16 00-0424		**Polypropylene Flue/Vent Reducers** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0425	EA	3" to 2" Polypropylene Flue/Vent Reducer	52.54	14.75
23 51 16 00-0426	EA	4" to 3" Polypropylene Flue/Vent Reducer	57.04	15.40
23 51 16 00-0427	EA	5" to 4" Polypropylene Flue/Vent Reducer	114.86	15.99
23 51 16 00-0428		**Polypropylene Flue/Vent Test Ports** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0429	EA	2" Polypropylene Flue/Vent Test Port	68.50	21.56
23 51 16 00-0430	EA	3" Polypropylene Flue/Vent Test Port	75.87	22.69
23 51 16 00-0431	EA	4" Polypropylene Flue/Vent Test Port	108.79	23.52
23 51 16 00-0432	EA	5" Polypropylene Flue/Vent Test Port	115.74	24.47
23 51 16 00-0433		**Polypropylene Flue/Vent Cascade Components** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0434	EA	4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	169.64	23.52
23 51 16 00-0435	EA	4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	221.25	29.39
23 51 16 00-0436	EA	5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	142.89	24.47
23 51 16 00-0437	EA	5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	207.96	30.59
23 51 16 00-0438	EA	3" to 4" Polypropylene Flue/Vent Non-Return Valve	206.95	15.40
23 51 16 00-0439	EA	4" to 4" Polypropylene Flue/Vent Non-Return Valve	238.39	15.99
23 51 16 00-0440		**Polypropylene Flue/Vent Condensate Management** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0441	EA	2" Polypropylene Flue/Vent Horizontal Drain Tee	88.69	21.56
23 51 16 00-0442	EA	3" Polypropylene Flue/Vent Horizontal Drain Tee	104.99	22.69
23 51 16 00-0443	EA	4" Polypropylene Flue/Vent Horizontal Drain Tee	118.63	23.52
23 51 16 00-0444	EA	5" Polypropylene Flue/Vent Horizontal Drain Tee	133.81	24.47
23 51 16 00-0445	EA	4" Polypropylene Flue/Vent Horizontal Drain Fittings	145.94	23.52
23 51 16 00-0446	EA	5" Polypropylene Flue/Vent Horizontal Drain Fittings	159.94	24.47
23 51 16 00-0447	EA	2" Polypropylene Flue/Vent Tee Cap	47.67	7.19
23 51 16 00-0448	EA	3" Polypropylene Flue/Vent Tee Cap	60.12	7.56
23 51 16 00-0449	EA	4" Polypropylene Flue/Vent Tee Cap	70.69	7.84
23 51 16 00-0450	EA	5" Polypropylene Flue/Vent Tee Cap	90.96	8.16
23 51 16 00-0451	EA	2" Polypropylene Flue/Vent Tee Cap With Drain	97.42	21.56
23 51 16 00-0452	EA	3" Polypropylene Flue/Vent Tee Cap With Drain	117.10	22.69
23 51 16 00-0453	EA	4" Polypropylene Flue/Vent Tee Cap With Drain	133.66	23.52
23 51 16 00-0454	EA	5" Polypropylene Flue/Vent Tee Cap With Drain	158.51	24.47
23 51 16 00-0455		**Polypropylene Flue/Vent Terminations** *(23 51 16 00-0372)*		
23 51 16 00-0456	EA	2" Polypropylene-UV Black Flue/Vent Chimney Cover	117.68	14.36
23 51 16 00-0457	EA	3" Polypropylene-UV Black Flue/Vent Chimney Cover	105.42	15.13
23 51 16 00-0458	EA	4" Polypropylene-UV Black Flue/Vent Chimney Cover	129.80	15.68
23 51 16 00-0459	EA	3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	254.03	15.13
23 51 16 00-0460	EA	4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	270.94	15.68
23 51 16 00-0461	EA	5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	314.97	16.32
23 51 16 00-0462	EA	2"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	73.36	14.36
23 51 16 00-0463	EA	2"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	77.11	14.36
23 51 16 00-0464	EA	2"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	80.85	14.36
23 51 16 00-0465	EA	2"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	84.59	14.36
23 51 16 00-0466	EA	3"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	79.00	15.13
23 51 16 00-0467	EA	3"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	82.74	15.13
23 51 16 00-0468	EA	3"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	86.48	15.13
23 51 16 00-0469	EA	3"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	90.23	15.13
23 51 16 00-0470	EA	4"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	87.86	15.68
23 51 16 00-0471	EA	4"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	91.61	15.68
23 51 16 00-0472	EA	4"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	95.35	15.68
23 51 16 00-0473	EA	2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	77.07	14.36
23 51 16 00-0474	EA	3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	96.59	15.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0475	EA	2" Polypropylene-UV Black Flue/Vent Termination Tee	92.74	21.56
23 51 16 00-0476	EA	3" Polypropylene-UV Black Flue/Vent Termination Tee	118.42	22.69
23 51 16 00-0477	EA	4" Polypropylene-UV Black Flue/Vent Termination Tee	137.84	23.52
23 51 16 00-0478	EA	5" Polypropylene-UV Black Flue/Vent Termination Tee	150.93	24.47
23 51 16 00-0479	EA	2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	36.13	12.44
23 51 16 00-0480	EA	2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	42.54	13.83
23 51 16 00-0481	EA	3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	43.01	14.27
23 51 16 00-0482	EA	3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	52.45	15.86
23 51 16 00-0483	EA	4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	63.18	18.87
23 51 16 00-0484	EA	5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	88.38	27.85
23 51 16 00-0485	EA	5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	105.29	30.95
23 51 16 00-0486	EA	2" x 24" Polypropylene-UV Black Flue/Vent Vent Length	39.13	12.44
23 51 16 00-0487	EA	3" x 24" Polypropylene-UV Black Flue/Vent Vent Length	49.23	14.27
23 51 16 00-0488	EA	4" x 24" Polypropylene-UV Black Flue/Vent Vent Length	77.73	18.87
23 51 16 00-0489	EA	2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	43.48	14.36
23 51 16 00-0490	EA	3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	49.90	15.13
23 51 16 00-0491	EA	4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	60.33	15.68
23 51 16 00-0492	EA	2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	42.92	14.36
23 51 16 00-0493	EA	3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	49.52	15.13
23 51 16 00-0494	EA	4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	59.67	15.68
23 51 16 00-0495	EA	2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	26.59	7.19
23 51 16 00-0496	EA	3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	30.48	7.56
23 51 16 00-0497	EA	4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	33.74	7.84
23 51 16 00-0498	EA	3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	61.15	7.56
23 51 16 00-0499	EA	5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	69.93	8.16

23 51 16 00-0500 Polypropylene Flue/Vent Accessories *(23 51 16 00-0372)*

23 51 16 00-0501	EA	2" Spacer For Polypropylene Flue/Vent	13.50	3.59
23 51 16 00-0502	EA	3" Spacer For Polypropylene Flue/Vent	13.10	3.78
23 51 16 00-0503	EA	4" Spacer For Polypropylene Flue/Vent	13.51	3.92
23 51 16 00-0504	EA	5" Spacer For Polypropylene Flue/Vent	19.99	4.08
23 51 16 00-0505	EA	2" Flue Clamp For Polypropylene Flue/Vent	24.63	5.39
23 51 16 00-0506	EA	3" Flue Clamp For Polypropylene Flue/Vent	28.52	5.67
23 51 16 00-0507	EA	4" Flue Clamp For Polypropylene Flue/Vent	32.67	5.87
23 51 16 00-0508	EA	2" Support Clamp For Polypropylene Flue/Vent	23.59	5.39
23 51 16 00-0509	EA	4" Support Clamp For Polypropylene Flue/Vent	23.86	5.87
23 51 16 00-0510	EA	5" Support Clamp For Polypropylene Flue/Vent	28.42	6.12
23 51 16 00-0511	EA	3" Plastic Support Clamp For Polypropylene Flue/Vent	18.97	5.67
23 51 16 00-0512	EA	2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	39.70	14.36
23 51 16 00-0513	EA	3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	43.32	15.13
23 51 16 00-0514	EA	4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	46.27	15.68
23 51 16 00-0515	EA	5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	50.93	16.32
23 51 16 00-0516	EA	2" Single Wall EDPM Gasket For Polypropylene Flue/Vent	2.40	
23 51 16 00-0517	EA	3" Single Wall EDPM Gasket For Polypropylene Flue/Vent	2.69	
23 51 16 00-0518	EA	4" Single Wall EDPM Gasket For Polypropylene Flue/Vent	3.64	
23 51 16 00-0519	EA	5" Single Wall EDPM Gasket For Polypropylene Flue/Vent	6.01	
23 51 16 00-0520	EA	2" Connector Ring For Polypropylene Flue/Vent	11.56	3.59
23 51 16 00-0521	EA	3" Connector Ring For Polypropylene Flue/Vent	12.92	3.78
23 51 16 00-0522	EA	4" Connector Ring For Polypropylene Flue/Vent	13.81	3.92
23 51 16 00-0523	EA	5" Connector Ring For Polypropylene Flue/Vent	15.11	4.08
23 51 16 00-0524	EA	2"/4" Polypropylene Flue/Vent Air Intake, White	51.43	7.19
23 51 16 00-0525	EA	3"/5" Polypropylene Flue/Vent Air Intake, White	52.85	7.56
23 51 16 00-0526	EA	4"/6" Polypropylene Flue/Vent Air Intake, White	40.61	7.84
23 51 16 00-0527	EA	2" Base Support For Polypropylene Flue/Vent	44.19	5.39
23 51 16 00-0528	EA	3" Base Support For Polypropylene Flue/Vent	45.64	5.67
23 51 16 00-0529	EA	4" Base Support For Polypropylene Flue/Vent	60.23	5.87
23 51 16 00-0530	EA	5" Base Support For Polypropylene Flue/Vent	99.71	6.12

23 51 16 00-0531 Polypropylene Flue/Vent Flex Pipe *(23 51 16 00-0372)*

23 51 16 00-0532	LF	2", Up To 50', Polypropylene Flue/Vent Flex Pipe	8.15	1.26
23 51 16 00-0533	LF	2", > 50', Polypropylene Flue/Vent Flex Pipe	7.16	1.26
23 51 16 00-0534	LF	3", Up To 50', Polypropylene Flue/Vent Flex Pipe	9.98	1.49
23 51 16 00-0535	LF	3", > 50', Polypropylene Flue/Vent Flex Pipe	8.73	1.49
23 51 16 00-0536	LF	4", Up To 50', Polypropylene Flue/Vent Flex Pipe	14.20	1.83
23 51 16 00-0537	LF	4", > 50', Polypropylene Flue/Vent Flex Pipe	12.28	1.83

23 51 16 00-0538 Polypropylene Flue/Vent Couplers *(23 51 16 00-0372)*

Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.

23 51 16 00-0539	EA	2" Polypropylene Flue/Vent Coupler, Single Wall to Flex	60.73	14.36
23 51 16 00-0540	EA	2" Polypropylene Flue/Vent Coupler, Flex to Single Wall	66.98	14.36
23 51 16 00-0541	EA	3" Polypropylene Flue/Vent Coupler, Flex to Single Wall	127.85	15.13
23 51 16 00-0542	EA	4" Polypropylene Flue/Vent Coupler, Flex to Single Wall	226.37	15.68
23 51 16 00-0543	EA	2" Polypropylene Flue/Vent Coupler, Flex to Flex	68.83	14.36
23 51 16 00-0544	EA	3" Polypropylene Flue/Vent Coupler, Flex to Flex	150.68	15.13
23 51 16 00-0545	EA	4" Polypropylene Flue/Vent Coupler, Flex to Flex	376.10	15.68

23 51 16 00-0546 Polypropylene Flue/Vent Flex End Terminations *(23 51 16 00-0372)*

23 51 16 00-0547	EA	2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	77.12	14.36
23 51 16 00-0548	EA	3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	72.36	15.13
23 51 16 00-0549	EA	4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	87.66	15.68

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0550		Aluminum Flue/Vent Fittings *(23 51 16)*		
23 51 16 00-0551		Aluminum Vent Top Caps *(23 51 16 00-0550)*		
23 51 16 00-0552	EA	3" Aluminum Vent Cap (Star-Kap® 3-SK)	73.37	14.24
23 51 16 00-0553	EA	4" Aluminum Vent Cap (Star-Kap® 4-SK)	77.91	13.96
23 51 16 00-0554	EA	5" Aluminum Vent Cap (Star-Kap® 5-SK)	84.22	14.63
23 51 16 00-0555	EA	6" Aluminum Vent Cap (Star-Kap® 6-SK)	114.62	15.30
23 51 16 00-0556	EA	8" Aluminum Vent Cap (Star-Kap® 8-SK)	128.12	17.02
23 51 16 00-0557	EA	10" Aluminum Vent Cap (Star-Kap® 10-SK)	348.52	17.97
23 51 16 00-0558	EA	12" Aluminum Vent Cap (Star-Kap® 12-SK)	357.59	19.12
23 52		Heating Boilers *(23 50)*		
23 52 13		**Electric Boilers** *(23 52)*		
23 52 13 00-0001		Packaged Electric Steam Boiler *(23 52 13)* Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH output.		
23 52 13 00-0002	EA	12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls	7,124.99	537.55
23 52 13 00-0003	EA	24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls	7,762.51	627.14
23 52 13 00-0004	EA	36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls	8,493.74	671.94
23 52 13 00-0005	EA	48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls	9,536.66	716.74
23 52 13 00-0006	EA	60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls	10,552.06	761.53
23 52 13 00-0007	EA	80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls	12,381.21	851.12
23 52 13 00-0008	EA	100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls	14,210.36	940.72
23 52 13 00-0009	EA	120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls	14,648.29	985.51
23 52 13 00-0010	EA	140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls	15,077.04	1,030.31
23 52 13 00-0011	EA	160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls	20,114.48	1,119.90
23 52 13 00-0012	EA	180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls	21,029.04	1,164.69
23 52 13 00-0013	EA	200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls	22,024.37	1,249.87
23 52 13 00-0014	EA	220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls	23,034.53	1,342.45
23 52 13 00-0015	EA	240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls	24,942.99	1,435.03
23 52 13 00-0016	EA	260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls	26,980.71	1,573.91
23 52 13 00-0017	EA	280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls	28,448.28	1,620.20
23 52 13 00-0018	EA	300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls	29,915.83	1,666.49
23 52 13 00-0019	EA	320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls	30,925.06	1,712.78
23 52 13 00-0020	EA	360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls	31,934.29	1,759.07
23 52 13 00-0021	EA	400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls	34,136.09	1,851.65
23 52 13 00-0022	EA	460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls	36,337.88	1,944.24
23 52 13 00-0023	EA	500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls	38,447.10	1,990.53
23 52 13 00-0024	EA	600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls	43,122.93	2,036.82
23 52 13 00-0025	EA	700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls	46,333.06	2,129.40
23 52 13 00-0026	EA	756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls	47,526.52	2,221.99
23 52 13 00-0027	EA	828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls	52,937.51	2,360.86
23 52 13 00-0028	EA	936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls	54,498.57	2,499.73
23 52 13 00-0029	EA	1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls	56,059.63	2,638.61
23 52 13 00-0030	EA	1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls	60,187.30	2,777.48
23 52 13 00-0031	EA	1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls	62,022.44	2,870.06
23 52 13 00-0032	EA	1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls	64,592.73	3,055.23
23 52 13 00-0033	EA	1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls	66,979.69	3,240.40
23 52 13 00-0034	EA	1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls	73,766.57	3,425.56
23 52 13 00-0035	EA	1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls	77,986.83	3,610.73
23 52 13 00-0036		Packaged Electric Hot Water Boiler *(23 52 13)* Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH output.		
23 52 13 00-0037	EA	9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls	5,568.66	492.75
23 52 13 00-0038	EA	12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	5,991.57	537.55
23 52 13 00-0039	EA	18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	6,414.48	582.34
23 52 13 00-0040	EA	24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	6,779.07	627.14
23 52 13 00-0041	EA	36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	7,151.97	671.94
23 52 13 00-0042	EA	48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	7,516.56	716.74
23 52 13 00-0043	EA	60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	7,939.47	761.53
23 52 13 00-0044	EA	72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	8,529.04	806.33
23 52 13 00-0045	EA	84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	8,893.62	851.12
23 52 13 00-0046	EA	90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	9,249.87	895.92
23 52 13 00-0047	EA	105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	9,839.44	940.72
23 52 13 00-0048	EA	120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	10,345.68	985.51
23 52 13 00-0049	EA	135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	11,143.58	1,030.31
23 52 13 00-0050	EA	150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	11,566.49	1,075.10
23 52 13 00-0051	EA	165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	12,031.08	1,119.90
23 52 13 00-0052	EA	180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls	13,220.61	1,164.69
23 52 13 00-0053	EA	195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls	14,499.25	1,249.87
23 52 13 00-0054	EA	225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls	15,784.38	1,342.45
23 52 13 00-0055	EA	240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls	17,077.82	1,435.03
23 52 13 00-0056	EA	270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls	18,455.53	1,573.91
23 52 13 00-0057	EA	300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls	19,748.99	1,666.49
23 52 13 00-0058	EA	330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls	20,809.12	1,759.07
23 52 13 00-0059	EA	360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls	21,776.67	1,805.36
23 52 13 00-0060	EA	390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls	23,152.53	1,851.65
23 52 13 00-0061	EA	420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls	24,554.31	1,944.24
23 52 13 00-0062	EA	450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls	25,887.59	1,944.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 13 00-0063	EA	504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls	28,313.42	1,990.53
23 52 13 00-0064	EA	612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls	29,697.62	2,036.82
23 52 13 00-0065	EA	684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls	31,174.41	2,129.40
23 52 13 00-0066	EA	720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls	32,558.59	2,175.69
23 52 13 00-0067	EA	750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls	33,942.79	2,221.99
23 52 13 00-0068	EA	810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls	35,053.84	2,360.86
23 52 13 00-0069	EA	900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls	36,998.19	2,499.73
23 52 13 00-0070	EA	1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls	43,442.36	2,638.61
23 52 13 00-0071	EA	1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls	47,719.94	2,777.48
23 52 13 00-0072	EA	1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls	49,905.03	2,870.06
23 52 13 00-0073	EA	1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls	52,358.61	3,055.23
23 52 13 00-0074	EA	1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls	54,812.19	3,240.40
23 52 13 00-0075	EA	1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls	61,182.28	3,425.56
23 52 13 00-0076	EA	1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls	65,219.13	3,610.73
23 52 13 00-0077	EA	1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls	66,987.57	3,703.31
23 52 13 00-0078	EA	1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls	68,756.00	3,795.89
23 52 13 00-0079	EA	1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls	69,033.75	3,934.77
23 52 13 00-0080	EA	2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls	74,052.06	4,027.35
23 52 13 00-0081	EA	2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls	77,496.35	4,166.22
23 52 13 00-0082	EA	2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls	83,051.64	4,443.97
23 52 13 00-0083	EA	2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls	88,893.91	4,906.88
23 52 13 00-0084	EA	3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls	95,254.73	5,462.38
23 52 13 00-0085	EA	3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls	101,365.52	6,017.88

23 52 16 Condensing Boilers *(23 52)*

23 52 16 13 Stainless-Steel Condensing Boilers *(23 52 16)*

23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code).

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	11,181.90	358.36
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	10,498.43	473.05
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	11,198.53	532.18
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	11,960.43	591.30
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	15,480.72	591.30
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	18,122.04	716.74
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	24,289.88	768.69
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798) Note: Includes vent manifold.	33,995.81	946.09
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998) Note: Includes vent manifold.	41,562.48	1,034.79
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	59,980.21	1,212.18
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	66,095.11	1,300.87

23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes Riello burners. Capacity given is IBR rating.

23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	29,623.38	768.69
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	30,928.83	768.69
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	34,547.10	946.09
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	37,516.36	1,064.35
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	41,756.94	1,123.48
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	47,781.88	1,212.18
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	56,824.88	1,300.87

23 52 16 13-0021 Buderus SB735 Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes Riello burners.

23 52 16 13-0022	EA	2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790)	61,814.94	1,419.13
23 52 16 13-0023	EA	3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970)	71,579.87	1,478.26
23 52 16 13-0024	EA	4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200)	82,948.96	1,566.96

23 52 16 13-0025 Lochinvar Knight Stainless Steel Condensing Boilers *(23 52 16 13)*

23 52 16 13-0026	EA	165 MBH 95.7% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	9,210.92	532.18
23 52 16 13-0027	EA	226 MBH 96% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN286)	12,061.26	591.30

23 52 16 13-0028 Lochinvar Knight XL Stainless Steel Condensing Boilers *(23 52 16 13)*

23 52 16 13-0029	EA	324 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN400)	14,450.78	709.57
23 52 16 13-0030	EA	406 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN501)	17,859.34	716.74
23 52 16 13-0031	EA	493 MBH 94.6% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN601)	20,974.70	768.69
23 52 16 13-0032	EA	574 MBH 94.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN701)	24,039.03	768.69
23 52 16 13-0033	EA	654 MBH 94% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN801)	27,672.50	857.40

23 52 16 13-0034 Lochinvar SYNC Stainless Steel Condensing Boilers *(23 52 16 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0035	EA	941 MBH 94.1% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1000)	37,895.12	1,034.79
23 52 16 13-0036	EA	1,240 MBH 95.4% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1300)	43,151.49	1,123.48
23 52 16 13-0037	EA	1,443 MBH 96.2% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1500)	46,344.13	1,212.18
23 52 16 13-0038		Lochinvar Crest Stainless Steel Condensing Boilers *(23 52 16 13)*		
23 52 16 13-0039	EA	1,380 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1500)	45,950.29	1,123.48
23 52 16 13-0040	EA	1,840 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2000)	55,022.84	1,241.74
23 52 16 13-0041	EA	2,300 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2500)	71,784.42	1,360.00
23 52 16 13-0042	EA	2,760 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3000)	79,140.03	1,431.68
23 52 16 13-0043	EA	3,220 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3500)	94,184.58	1,491.70
23 52 16 13-0044		Laars Neotherm Stainless Steel Condensing Boiler *(23 52 16 13)* Note: Compliant with SCAQMD.		
23 52 16 13-0045	EA	80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080)	6,703.19	354.78
23 52 16 13-0046	EA	105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105)	7,574.83	384.35
23 52 16 13-0047	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150)	8,687.11	532.18
23 52 16 13-0048	EA	210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210)	9,674.76	591.30
23 52 16 13-0049	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285)	12,232.33	591.30
23 52 16 13-0050	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399)	15,413.75	709.57
23 52 16 13-0051	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500)	19,810.71	768.69
23 52 16 13-0052	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600)	21,105.71	768.69
23 52 16 13-0053	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750)	22,995.73	886.96
23 52 16 13-0054	EA	850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850)	24,846.10	1,005.22
23 52 16 13-0055	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000)	35,668.81	1,064.35
23 52 16 13-0056	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700)	47,422.90	1,241.74
23 52 16 13-0057	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV150)	9,310.58	532.18
23 52 16 13-0058	EA	199 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV199)	10,974.57	591.30
23 52 16 13-0059	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV285)	13,928.56	591.30
23 52 16 13-0060	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV399)	16,981.45	709.57
23 52 16 13-0061	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV500)	21,201.81	768.69
23 52 16 13-0062	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV600)	21,922.59	768.69
23 52 16 13-0063	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV750)	24,227.06	886.96
23 52 16 13-0064	EA	800 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV800)	25,995.56	946.09
23 52 16 13-0065	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV1000)	35,668.81	1,064.35
23 52 16 13-0066	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV1700)	47,422.90	1,241.74
23 52 16 13-0067		AERCO Benchmark Stainless-Steel Condensing Boilers *(23 52 16 13)*		
23 52 16 13-0068	EA	1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN) Note: Includes gas PRV and pump delay relay.	38,482.27	1,212.18
23 52 16 13-0069	EA	2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN) Note: Includes gas PRV and pump delay relay.	45,654.21	1,300.87
23 52 16 13-0070	EA	3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) Note: Includes gas PRV and pump delay relay.	65,517.08	1,431.68
23 52 16 13-0071	EA	3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) Note: Includes gas PRV and pump delay relay.	69,804.50	1,431.68
23 52 16 16		**Aluminum Condensing Boilers** *(23 52 16)*		
23 52 16 16-0001		Weil McLain Aluminum Condensing Boilers *(23 52 16 16)*		
23 52 16 16-0002	EA	80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	5,408.02	358.36
23 52 16 16-0003	EA	105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	5,892.11	384.35
23 52 16 16-0004	EA	155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	6,866.07	532.18
23 52 16 16-0005	EA	230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	7,702.75	591.30
23 52 16 16-0006	EA	310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	9,854.44	709.57
23 52 16 16-0007		Patterson Kelly Mach Series Aluminum Condensing Boilers *(23 52 16 16)*		
23 52 16 16-0008	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C300)	15,521.49	591.30
23 52 16 16-0009	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C450)	17,662.59	716.74
23 52 16 16-0010	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C750)	20,006.89	895.92
23 52 16 16-0011	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C900)	29,635.68	1,005.22
23 52 16 16-0012	EA	1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1050)	30,958.51	1,064.35
23 52 16 16-0013	EA	1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1500)	48,024.05	1,212.18
23 52 16 16-0014	EA	2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2000)	52,003.64	1,300.87
23 52 16 16-0015	EA	2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2500)	60,199.29	1,419.13
23 52 16 16-0016	EA	3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C3000)	74,438.30	1,419.13
23 52 16 16-0017	EA	4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C4000)	91,062.97	1,566.96
23 52 16 16-0018		Buderus GB142 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0019	EA	75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) Note: Includes an aluminum heat exchanger and three speed circulating pump.	6,531.86	358.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0020	EA	95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) Note: Includes an aluminum heat exchanger and three speed circulating pump.	7,494.65	384.35
23 52 16 16-0021	EA	143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) Note: Includes an aluminum heat exchanger and three speed circulating pump.	8,633.73	473.05
23 52 16 16-0022	EA	193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) Note: Includes an aluminum heat exchanger and three speed circulating pump.	9,628.85	591.30
23 52 16 16-0023	EA	Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46)	299.57	89.59
23 52 16 16-0024	EA	Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3)	399.66	89.59
23 52 16 16-0025	EA	Optional GB Floor Stand For GB142 (Buderus 7098265)	881.22	89.59
23 52 16 16-0026		Buderus GB162 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0027	EA	290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	8,831.34	591.30
23 52 16 16-0028	EA	333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	11,033.38	709.57
23 52 16 16-0029	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	21,641.90	842.61
23 52 16 16-0030	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	20,230.67	842.61
23 52 16 16-0031	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	25,732.40	857.40
23 52 16 16-0032	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	24,321.16	857.40
23 52 16 16-0033	EA	870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	29,916.67	1,005.22
23 52 16 16-0034	EA	999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	36,164.40	1,064.35
23 52 16 16-0035	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	37,170.58	1,123.48
23 52 16 16-0036	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	37,735.79	1,123.48
23 52 16 16-0037	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	45,261.97	1,123.48
23 52 16 16-0038	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	45,827.18	1,123.48
23 52 16 16-0039	EA	EMS Control Module For Condensing Boiler (Buderus RC35)	606.01	89.59
23 52 16 16-0040		Buderus GB312 Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0041	EA	305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90) Note: Includes an aluminum heat exchanger.	17,428.17	591.30
23 52 16 16-0042	EA	409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120) Note: Includes an aluminum heat exchanger.	19,367.58	716.74
23 52 16 16-0043	EA	544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160) Note: Includes an aluminum heat exchanger.	22,955.43	768.69
23 52 16 16-0044	EA	676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200) Note: Includes an aluminum heat exchanger.	26,473.31	857.40
23 52 16 16-0045	EA	810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240) Note: Includes an aluminum heat exchanger.	31,731.78	946.09
23 52 16 16-0046	EA	944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280) Note: Includes an aluminum heat exchanger.	35,046.60	1,034.79
23 52 16 16-0047	EA	Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985)	524.74	44.80
23 52 16 16-0048	EA	Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125)	249.14	44.80
23 52 16 16-0049	EA	Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550)	360.83	44.80
23 52 16 16-0050	EA	Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	775.67	44.80

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 52 16 19 Copper Water-Tube Condensing Boilers *(23 52 16)*

23 52 16 19-0001 Laars Rheos+ Copper Fin Tube Condensing Boilers *(23 52 16 19)*

23 52 16 19-0002	EA	1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	36,181.89	1,123.48
23 52 16 19-0003	EA	1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	40,794.62	1,241.74
23 52 16 19-0004	EA	2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	44,637.87	1,300.87
23 52 16 19-0005	EA	2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	48,347.52	1,419.13

23 52 16 23 Cast Iron Condensing Boilers *(23 52 16)*

23 52 16 23-0001 Hydrotherm KN Cast Iron Condensing Boilers *(23 52 16 23)*

23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2)	12,309.21	591.30
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4)	17,864.41	716.74
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6)	29,123.19	768.69
23 52 16 23-0005	EA	1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10)	38,458.23	1,064.35
23 52 16 23-0006	EA	1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16)	51,232.22	1,241.74
23 52 16 23-0007	EA	1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20)	55,874.23	1,300.87
23 52 16 23-0008	EA	2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26)	71,065.05	1,419.13
23 52 16 23-0009	EA	3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30)	77,566.49	1,419.13

23 52 23 Cast-Iron Boilers *(23 52)*

23 52 23 00-0001 Weil-McLain Model 80 Cast Iron Boiler *(23 52 23)*

Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.

23 52 23 00-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0003	EA	209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	14,344.49	3,051.63
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480) Note: Includes field assembly of individual sections and testing.	15,587.07	3,255.08
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580) Note: Includes field assembly of individual sections and testing.	16,939.07	3,458.52
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680) Note: Includes field assembly of individual sections and testing.	18,202.35	3,661.96
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780) Note: Includes field assembly of individual sections and testing.	19,375.50	3,865.40
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880) Note: Includes field assembly of individual sections and testing.	20,949.98	4,068.85
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980) Note: Includes field assembly of individual sections and testing.	22,186.16	4,272.30
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080) Note: Includes field assembly of individual sections and testing.	23,185.29	4,475.74
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180) Note: Includes field assembly of individual sections and testing.	24,180.99	4,679.18
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280) Note: Includes field assembly of individual sections and testing.	25,317.51	4,882.63

23 52 23 00-0013 Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package unit.	8,982.00	370.33
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package unit.	9,968.82	370.33
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package unit.	11,437.21	462.91
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package unit.	12,443.42	462.91
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package unit.	13,733.23	555.50
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package unit.	15,063.96	555.50
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package unit.	16,415.00	648.08
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package unit.	17,529.27	740.66
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package unit.	18,271.17	740.66
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package unit.	19,521.17	833.24

23 52 23 00-0024 Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	14,921.08	3,051.63
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	16,266.73	3,255.08
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	17,556.47	3,458.52
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	18,987.11	3,661.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	20,181.70	3,865.40
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,886.80	4,068.85
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,990.31	4,272.30
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,065.98	4,475.74
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	25,062.70	4,679.18
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	26,226.78	4,882.63
23 52 23 00-0035		Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler *(23 52 23 00-0001)*		
23 52 23 00-0036	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package cast iron unit.	9,558.58	370.33
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package cast iron unit.	10,648.47	370.33
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package cast iron unit.	12,054.61	462.91
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package cast iron unit.	13,228.18	462.91
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package cast iron unit.	14,539.43	555.50
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package cast iron unit.	16,000.78	555.50
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package cast iron unit.	17,219.16	648.08
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package cast iron unit.	18,409.96	740.66
23 52 23 00-0044	EA	922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package cast iron unit.	19,152.88	740.66
23 52 23 00-0045	EA	1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package cast iron unit.	20,430.44	833.24
23 52 23 00-0046		Weil-McLain Model 88 Cast Iron Boiler *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		Gas Fired Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA	629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	22,749.59	4,577.46
23 52 23 00-0049	EA	845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	24,971.46	4,857.19
23 52 23 00-0050	EA	1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	27,693.47	5,136.93
23 52 23 00-0051	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	30,105.81	5,416.66
23 52 23 00-0052	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	32,218.93	5,696.39
23 52 23 00-0053	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	35,227.87	5,976.12
23 52 23 00-0054	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	37,359.58	6,255.85
23 52 23 00-0055	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	39,259.29	6,535.59
23 52 23 00-0056	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	41,755.58	6,815.32
23 52 23 00-0057	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	43,786.66	7,095.06
23 52 23 00-0058	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	47,383.22	7,374.79
23 52 23 00-0059	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	49,321.56	7,654.53
23 52 23 00-0060	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	51,370.06	7,934.26
23 52 23 00-0061	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	53,639.34	8,213.99
23 52 23 00-0062	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	55,507.62	8,493.73
23 52 23 00-0063		Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*		
23 52 23 00-0064	EA	629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package unit.	16,429.29	648.08
23 52 23 00-0065	EA	845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package unit.	18,636.51	740.66
23 52 23 00-0066	EA	1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package unit.	21,356.03	833.24
23 52 23 00-0067	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package unit.	23,743.89	925.83
23 52 23 00-0068	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package unit.	25,470.57	925.83
23 52 23 00-0069	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Fire tested factory assembled package unit.	28,467.66	1,018.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0070	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package unit.	30,215.78	1,018.41
23 52 23 00-0071	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package unit.	32,100.54	1,110.99
23 52 23 00-0072	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package unit.	34,214.00	1,110.99
23 52 23 00-0073	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package unit.	36,230.42	1,203.58
23 52 23 00-0074	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package unit.	38,184.55	1,296.16
23 52 23 00-0075	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package unit.	39,739.79	1,296.16
23 52 23 00-0076	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package unit.	41,774.55	1,388.74
23 52 23 00-0077	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package unit.	43,659.41	1,388.74
23 52 23 00-0078	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package unit.	45,534.94	1,481.32
23 52 23 00-0079		**Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0080	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	23,459.85	4,577.46
23 52 23 00-0081	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	25,677.65	4,857.19
23 52 23 00-0082	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	28,583.35	5,136.93
23 52 23 00-0083	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	31,085.49	5,416.66
23 52 23 00-0084	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	33,098.60	5,696.39
23 52 23 00-0085	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	36,052.43	5,976.12
23 52 23 00-0086	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	38,597.45	6,255.85
23 52 23 00-0087	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	40,497.15	6,535.59
23 52 23 00-0088	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	42,968.96	6,815.32
23 52 23 00-0089	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	45,521.51	7,095.06
23 52 23 00-0090	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	49,205.83	7,374.79
23 52 23 00-0091	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	51,757.50	7,654.53
23 52 23 00-0092	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	53,191.65	7,934.26
23 52 23 00-0093	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	55,405.82	8,213.99
23 52 23 00-0094	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	57,293.50	8,493.73
23 52 23 00-0095		**Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*		
23 52 23 00-0096	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package cast iron unit.	17,139.56	648.08
23 52 23 00-0097	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package cast iron unit.	19,342.70	740.66
23 52 23 00-0098	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package cast iron unit.	22,235.70	833.24
23 52 23 00-0099	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package cast iron unit.	24,723.57	925.83
23 52 23 00-0100	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package cast iron unit.	26,352.29	925.83
23 52 23 00-0101	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	29,292.23	1,018.41
23 52 23 00-0102	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package cast iron unit.	31,453.65	1,018.41
23 52 23 00-0103	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package cast iron unit.	33,338.41	1,110.99
23 52 23 00-0104	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package cast iron unit.	35,427.37	1,110.99
23 52 23 00-0105	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package cast iron unit.	37,970.37	1,203.58
23 52 23 00-0106	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package cast iron unit.	40,007.16	1,296.16
23 52 23 00-0107	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package cast iron unit.	41,155.22	1,296.16
23 52 23 00-0108	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package cast iron unit.	43,596.14	1,388.74
23 52 23 00-0109	EA	3,548 MBh Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package cast iron unit.	45,425.90	1,388.74
23 52 23 00-0110	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package cast iron unit.	47,300.40	1,481.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0111		**Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		**Gas Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	59,470.48	8,900.61
23 52 23 00-0114	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	64,325.79	9,409.21
23 52 23 00-0115	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	68,777.94	9,917.83
23 52 23 00-0116	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	73,140.85	10,426.43
23 52 23 00-0117	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	77,543.25	10,935.04
23 52 23 00-0118	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	83,436.70	11,443.65
23 52 23 00-0119	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	87,596.24	11,952.25
23 52 23 00-0120	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	91,627.70	12,460.86
23 52 23 00-0121	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	98,061.63	12,969.46
23 52 23 00-0122	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	102,090.86	13,478.07
23 52 23 00-0123	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	105,575.52	13,986.67
23 52 23 00-0124	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	111,792.26	14,495.28
23 52 23 00-0125	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	115,853.05	15,003.89
23 52 23 00-0126	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	122,209.01	15,512.49
23 52 23 00-0127	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	126,472.96	16,021.11
23 52 23 00-0128	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	131,120.11	16,529.71
23 52 23 00-0129	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	135,139.77	17,038.32
23 52 23 00-0130	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	139,269.06	17,546.92
23 52 23 00-0131		**Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0132	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	50,037.79	1,203.58
23 52 23 00-0133	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	54,568.68	1,296.16
23 52 23 00-0134	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	58,693.42	1,388.74
23 52 23 00-0135	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	62,732.40	1,481.32
23 52 23 00-0136	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	66,436.82	1,481.32
23 52 23 00-0137	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	70,380.01	1,573.91
23 52 23 00-0138	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	73,842.57	1,573.91
23 52 23 00-0139	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	77,547.85	1,666.49
23 52 23 00-0140	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	83,286.12	1,666.49
23 52 23 00-0141	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	86,990.36	1,759.07
23 52 23 00-0142	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	89,778.37	1,759.07
23 52 23 00-0143	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	95,671.71	1,851.65
23 52 23 00-0144	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	99,035.27	1,851.65
23 52 23 00-0145	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	105,083.73	1,944.24
23 52 23 00-0146	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	108,632.00	1,944.24
23 52 23 00-0147	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	112,951.67	2,036.82
23 52 23 00-0148	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	116,275.44	2,036.82
23 52 23 00-0149	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	120,078.68	2,129.40
23 52 23 00-0150		**Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	56,425.31	8,900.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0152	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	61,280.62	9,409.21
23 52 23 00-0153	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	67,143.10	9,917.83
23 52 23 00-0154	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	71,137.61	10,426.43
23 52 23 00-0155	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	75,288.97	10,935.04
23 52 23 00-0156	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	80,901.77	11,443.65
23 52 23 00-0157	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	85,251.13	11,952.25
23 52 23 00-0158	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	89,284.63	12,460.86
23 52 23 00-0159	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	96,447.20	12,969.46
23 52 23 00-0160	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	100,477.45	13,478.07
23 52 23 00-0161	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	104,506.04	13,986.67
23 52 23 00-0162	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	111,799.40	14,495.28
23 52 23 00-0163	EA	4,285 MBH Steam, 4970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	115,860.19	15,003.89
23 52 23 00-0164	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	122,380.46	15,512.49
23 52 23 00-0165	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	126,643.39	16,021.11
23 52 23 00-0166	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	131,202.77	16,529.71
23 52 23 00-0167	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	135,222.43	17,038.32
23 52 23 00-0168	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	139,357.84	17,546.92
23 52 23 00-0169		**Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0170	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	46,827.29	1,203.58
23 52 23 00-0171	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	51,358.18	1,296.16
23 52 23 00-0172	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	56,893.25	1,388.74
23 52 23 00-0173	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	60,563.84	1,481.32
23 52 23 00-0174	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	64,017.21	1,481.32
23 52 23 00-0175	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	67,679.77	1,573.91
23 52 23 00-0176	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	71,332.13	1,573.91
23 52 23 00-0177	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	75,037.42	1,666.49
23 52 23 00-0178	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	81,506.37	1,666.49
23 52 23 00-0179	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	85,209.59	1,759.07
23 52 23 00-0180	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	88,543.57	1,759.07
23 52 23 00-0181	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	95,513.53	1,851.65
23 52 23 00-0182	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	98,877.10	1,851.65
23 52 23 00-0183	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	105,069.44	1,944.24
23 52 23 00-0184	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	108,637.11	1,944.24
23 52 23 00-0185	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	112,869.01	2,036.82
23 52 23 00-0186	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	116,192.78	2,036.82
23 52 23 00-0187	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	120,002.14	2,129.40
23 52 23 00-0188		**Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	60,427.71	8,900.61
23 52 23 00-0190	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	65,284.04	9,409.21
23 52 23 00-0191	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	69,997.44	9,917.83
23 52 23 00-0192	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	74,463.42	10,426.43
23 52 23 00-0193	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	78,842.35	10,935.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0194	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	83,916.33	11,443.65
23 52 23 00-0195	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	89,189.24	11,952.25
23 52 23 00-0196	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	93,471.74	12,460.86
23 52 23 00-0197	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	100,065.90	12,969.46
23 52 23 00-0198	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	104,095.12	13,478.07
23 52 23 00-0199	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	107,651.22	13,986.67
23 52 23 00-0200	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	113,937.35	14,495.28
23 52 23 00-0201	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	119,018.64	15,003.89
23 52 23 00-0202	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	125,921.59	15,512.49
23 52 23 00-0203	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	130,154.93	16,021.11
23 52 23 00-0204	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	134,991.89	16,529.71
23 52 23 00-0205	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	139,012.57	17,038.32
23 52 23 00-0206	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	143,144.92	17,546.92

23 52 23 00-0207 Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler *(23 52 23 00-0111)*

23 52 23 00-0208	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	51,069.51	1,203.58
23 52 23 00-0209	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	55,601.42	1,296.16
23 52 23 00-0210	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	59,990.47	1,388.74
23 52 23 00-0211	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	64,130.49	1,481.32
23 52 23 00-0212	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	67,811.43	1,481.32
23 52 23 00-0213	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	70,934.14	1,573.91
23 52 23 00-0214	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	75,510.06	1,573.91
23 52 23 00-0215	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	79,465.37	1,666.49
23 52 23 00-0216	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	85,365.90	1,666.49
23 52 23 00-0217	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	89,068.10	1,759.07
23 52 23 00-0218	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	91,928.56	1,759.07
23 52 23 00-0219	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	97,891.29	1,851.65
23 52 23 00-0220	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	102,276.38	1,851.65
23 52 23 00-0221	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	108,851.41	1,944.24
23 52 23 00-0222	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	112,389.49	1,944.24
23 52 23 00-0223	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	116,897.94	2,036.82
23 52 23 00-0224	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	120,222.73	2,036.82
23 52 23 00-0225	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	124,030.06	2,129.40

23 52 33 Water-Tube Boilers *(23 52)*

23 52 33 13 Finned Water-Tube Boilers *(23 52 33)*

23 52 33 13-0001 Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler *(23 52 33 13)*

23 52 33 13-0002	EA	200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	7,180.03	532.18
23 52 33 13-0003	EA	300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	7,902.83	591.30
23 52 33 13-0004	EA	400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	9,086.09	709.57
23 52 33 13-0005	EA	500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	11,564.59	739.13
23 52 33 13-0006	EA	750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	13,590.43	886.96
23 52 33 13-0007	EA	1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	16,693.46	1,064.35
23 52 33 13-0008	EA	1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	18,942.44	1,123.48
23 52 33 13-0009	EA	1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	20,974.51	1,212.18
23 52 33 13-0010	EA	1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	22,858.97	1,271.31
23 52 33 13-0011	EA	2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant)	24,513.83	1,300.87

23 52 33 13-0012 Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler *(23 52 33 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 13-0013	EA	1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	24,867.95	1,064.35
23 52 33 13-0014	EA	1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	31,030.86	1,212.18
23 52 33 13-0015	EA	2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	33,067.97	1,300.87
23 52 33 13-0016	EA	2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	46,700.34	1,478.26
23 52 33 13-0017	EA	3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	49,008.76	1,655.65

23 52 33 13-0018 Lochinvar Copper-Fin II Finned Tube Boiler *(23 52 33 13)*

23 52 33 13-0019	EA	340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402)	8,395.54	477.53
		For High And Low Gas Pressure Switch With Manual Reset, Add	*296.95*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*263.05*	
23 52 33 13-0020	EA	425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502)	10,098.22	596.68
		For High And Low Gas Pressure Switch With Manual Reset, Add	*296.95*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*263.05*	
23 52 33 13-0021	EA	552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652)	10,898.78	716.74
		For High And Low Gas Pressure Switch With Manual Reset, Add	*296.95*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*263.05*	
23 52 33 13-0022	EA	637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752)	11,182.01	716.74
		For High And Low Gas Pressure Switch With Manual Reset, Add	*296.95*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*263.05*	
23 52 33 13-0023	EA	841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992)	13,876.45	895.92
		For High And Low Gas Pressure Switch With Manual Reset, Add	*296.95*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*263.05*	
23 52 33 13-0024	EA	1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262)	15,955.06	895.92
		For High And Low Gas Pressure Switch With Manual Reset, Add	*296.95*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*263.05*	
23 52 33 13-0025	EA	1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442)	17,330.05	895.92
		For High And Low Gas Pressure Switch With Manual Reset, Add	*296.95*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*263.05*	
23 52 33 13-0026	EA	1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802)	18,769.73	1,075.10
		For High And Low Gas Pressure Switch With Manual Reset, Add	*296.95*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*263.05*	
23 52 33 13-0027	EA	1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072)	22,185.55	1,254.28
		For High And Low Gas Pressure Switch With Manual Reset, Add	*296.95*	
		For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	*263.05*	

23 52 33 13-0028 Raypak Cupro-Nickel Finned-Tube Boiler With Pump *(23 52 33 13)*

23 52 33 13-0029	EA	385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B)	8,252.74	656.34
23 52 33 13-0030	EA	420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B)	8,892.84	591.30
23 52 33 13-0031	EA	546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B)	9,850.48	709.57
23 52 33 13-0032	EA	630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B)	10,466.13	805.52
23 52 33 13-0033	EA	756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B)	11,626.18	886.96
23 52 33 13-0034	EA	832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B)	12,498.57	954.69
23 52 33 13-0035	EA	1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B)	14,267.82	1,064.35
23 52 33 13-0036	EA	1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B)	16,494.87	1,123.48
23 52 33 13-0037	EA	1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B)	17,516.76	1,212.18
23 52 33 13-0038	EA	1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B)	20,786.33	1,241.74
23 52 33 13-0039	EA	1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B)	20,875.92	1,271.31
23 52 33 13-0040	EA	1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B)	24,288.54	1,300.87

23 52 33 16 Steel Water-Tube Boilers *(23 52 33)*

23 52 33 16-0001 Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with BAAQMD.

23 52 33 16-0002	EA	1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100)	50,798.80	1,433.47
23 52 33 16-0003	EA	1,750 MBH Input/1.488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150)	54,759.77	1,791.83
23 52 33 16-0004	EA	2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200)	55,838.37	1,971.02
23 52 33 16-0005	EA	2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250)	60,161.21	2,150.20
23 52 33 16-0006	EA	3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300)	62,320.88	2,418.98
23 52 33 16-0007	EA	3,750 MBH Output/3,188 MBH Input, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350)	68,804.50	2,687.75
23 52 33 16-0008	EA	4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400)	71,686.79	2,777.34

23 52 33 16-0009 Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with BAAQMD.

23 52 33 16-0010	EA	1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100LS)	59,266.49	1,612.65
23 52 33 16-0011	EA	1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150LS)	62,326.77	1,881.42
23 52 33 16-0012	EA	2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200LS)	64,126.88	2,060.61
23 52 33 16-0013	EA	2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250LS)	71,692.68	2,239.80
23 52 33 16-0014	EA	3,000 MBH, 74 HP,83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300LS)	74,393.40	2,418.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0015	EA	3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350LS)	79,615.66	2,687.75
23 52 33 16-0016	EA	4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400LS)	84,303.02	2,866.93
23 52 33 16-0017	EA	5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500LS)	139,977.31	3,046.11
23 52 33 16-0018	EA	6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600LS)	151,507.58	3,225.30
23 52 33 16-0019	EA	7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700LS)	159,434.13	3,404.49
23 52 33 16-0020	EA	8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800LS)	163,576.59	3,583.67

23 52 33 16-0021 Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler *(23 52 33 16)*

Note: Compliant with BAAQMD.

23 52 33 16-0022	EA	1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS)	63,770.82	1,612.65
23 52 33 16-0023	EA	1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS)	67,732.98	1,881.42
23 52 33 16-0024	EA	2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS)	70,253.33	2,060.61
23 52 33 16-0025	EA	2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS)	77,999.50	2,239.80
23 52 33 16-0026	EA	3,000 MBH, 74 HP,81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS)	80,700.23	2,418.98
23 52 33 16-0027	EA	3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS)	85,021.87	2,687.75
23 52 33 16-0028	EA	4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS)	89,885.83	2,866.93
23 52 33 16-0029	EA	5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS)	145,203.14	3,046.11
23 52 33 16-0030	EA	6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS)	157,635.29	3,225.30
23 52 33 16-0031	EA	7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS)	162,678.37	3,404.49
23 52 33 16-0032	EA	8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS)	169,704.30	3,583.67
23 52 33 16-0033	EA	9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS)	188,622.40	3,762.85
23 52 33 16-0034	EA	10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS)	272,140.04	3,942.03
23 52 33 16-0035	EA	12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS)	285,923.11	4,121.22

23 52 36 Fire-Box Boiler *(23 52)*

23 52 36 00-0001 Package Oil Fired Firebox Boilers *(23 52 36)*

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP). boiler sizes are based on HP rating and gross output.

23 52 36 00-0002	EA	40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	74,625.53	2,221.99
23 52 36 00-0003	EA	46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	77,999.77	2,407.15
23 52 36 00-0004	EA	53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	81,647.04	2,592.32
23 52 36 00-0005	EA	61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	88,298.20	2,777.48
23 52 36 00-0006	EA	69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	92,218.53	2,962.65
23 52 36 00-0007	EA	80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	96,070.72	3,147.81
23 52 36 00-0008	EA	100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	106,899.97	3,332.98
23 52 36 00-0009	EA	127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	123,738.70	3,703.31
23 52 36 00-0010	EA	151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	140,864.22	4,073.64
23 52 36 00-0011	EA	183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	154,532.12	4,490.26
23 52 36 00-0012	EA	220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	168,200.14	4,906.88
23 52 36 00-0013	EA	257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	176,693.77	5,740.13
23 52 36 00-0014	EA	294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	215,430.82	6,573.37
23 52 36 00-0015	EA	368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	255,123.65	7,406.62
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	295,206.50	8,332.45
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	334,416.76	9,026.82

23 52 39 Fire-Tube Boilers *(23 52)*

23 52 39 13 Scotch Marine Boilers *(23 52 39)*

23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers *(23 52 39 13)*

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.

23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*

23 52 39 13-0003	EA	30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	59,415.02	1,018.41
23 52 39 13-0004	EA	40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	63,948.47	1,110.99
23 52 39 13-0005	EA	50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	69,457.21	1,203.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0006	EA	60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	72,514.18	1,388.74
23 52 39 13-0007	EA	70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	75,971.37	1,481.32
23 52 39 13-0008	EA	80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	79,517.06	1,573.91
23 52 39 13-0009	EA	90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,972.32	1,620.20
23 52 39 13-0010	EA	100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	86,552.78	1,666.49
23 52 39 13-0011	EA	125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,876.91	1,851.65
23 52 39 13-0012	EA	150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	111,248.98	2,036.82
23 52 39 13-0013	EA	175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	122,020.40	2,245.13
23 52 39 13-0014	EA	200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	132,789.92	2,453.44
23 52 39 13-0015	EA	250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	139,936.77	2,870.06
23 52 39 13-0016	EA	300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	170,278.35	3,286.69
23 52 39 13-0017	EA	350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	184,272.57	3,703.31
23 52 39 13-0018	EA	400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	217,077.32	4,119.93
23 52 39 13-0019	EA	500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	263,864.17	4,536.55
23 52 39 13-0020	EA	600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	308,839.73	4,953.18
23 52 39 13-0021	EA	700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	351,899.46	5,369.80
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	393,220.98	5,786.42
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	598,652.89	6,203.04
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	651,396.22	6,619.67
23 52 39 13-0025		15 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		
23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	55,034.14	1,018.41
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	59,237.84	1,110.99
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	64,336.96	1,203.58
23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	70,064.65	1,388.74
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,082.18	1,481.32
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	76,095.37	1,573.91
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	78,930.20	1,620.20
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,605.72	1,666.49
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,969.75	1,851.65
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	111,350.02	2,036.82
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	122,132.36	2,245.13
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	132,912.81	2,453.44
23 52 39 13-0038	EA	250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	140,065.12	2,870.06
23 52 39 13-0039	EA	300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	170,436.74	3,286.69
23 52 39 13-0040	EA	350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	184,441.88	3,703.31
23 52 39 13-0041	EA	400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	217,279.40	4,119.93
23 52 39 13-0042	EA	500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	264,109.95	4,536.55
23 52 39 13-0043	EA	600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	309,129.20	4,953.18
23 52 39 13-0044	EA	700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	352,229.89	5,369.80
23 52 39 13-0045	EA	800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	393,592.36	5,786.42
23 52 39 13-0046	EA	900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	599,225.17	6,203.04
23 52 39 13-0047	EA	1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	652,022.27	6,619.67
23 52 39 13-0048		15 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0049	EA	30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	61,332.45	1,018.41
23 52 39 13-0050	EA	40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	66,010.23	1,110.99
23 52 39 13-0051	EA	50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	71,693.73	1,203.58
23 52 39 13-0052	EA	60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	75,294.13	1,388.74
23 52 39 13-0053	EA	70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	78,527.40	1,481.32
23 52 39 13-0054	EA	80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,756.32	1,573.91
23 52 39 13-0055	EA	90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,804.16	1,620.20
23 52 39 13-0056	EA	100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	87,852.64	1,666.49
23 52 39 13-0057	EA	125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	101,743.72	1,851.65
23 52 39 13-0058	EA	150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	115,651.03	2,036.82
23 52 39 13-0059	EA	175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	126,848.45	2,245.13
23 52 39 13-0060	EA	200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	138,041.25	2,453.44
23 52 39 13-0061	EA	250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	145,422.95	2,870.06
23 52 39 13-0062	EA	300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	176,990.66	3,286.69
23 52 39 13-0063	EA	350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	191,509.19	3,703.31
23 52 39 13-0064	EA	400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	225,646.57	4,119.93
23 52 39 13-0065	EA	500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	274,358.64	4,536.55
23 52 39 13-0066	EA	600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	321,182.95	4,953.18
23 52 39 13-0067	EA	700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	366,012.23	5,369.80
23 52 39 13-0068	EA	800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	409,026.85	5,786.42
23 52 39 13-0069	EA	900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	623,161.03	6,203.04
23 52 39 13-0070	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	678,085.94	6,619.67

23 52 39 13-0071 150 PSI Steam Scotch Marine Boilers *(23 52 39 13)*

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.

23 52 39 13-0072 150 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0071)*

23 52 39 13-0073	EA	40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,799.71	1,110.99
23 52 39 13-0074	EA	50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,848.62	1,203.58
23 52 39 13-0075	EA	60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,601.94	1,388.74
23 52 39 13-0076	EA	70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	96,984.88	1,481.32
23 52 39 13-0077	EA	80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	101,483.62	1,573.91
23 52 39 13-0078	EA	90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,621.57	1,620.20
23 52 39 13-0079	EA	100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	110,521.01	1,666.49
23 52 39 13-0080	EA	125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	125,021.06	1,851.65
23 52 39 13-0081	EA	150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	142,178.02	2,036.82
23 52 39 13-0082	EA	175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	155,931.47	2,245.13
23 52 39 13-0083	EA	200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	169,683.03	2,453.44
23 52 39 13-0084	EA	250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	178,473.82	2,870.06
23 52 39 13-0085	EA	300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	217,420.15	3,286.69
23 52 39 13-0086	EA	350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	235,093.23	3,703.31
23 52 39 13-0087	EA	400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	277,261.42	4,119.93
23 52 39 13-0088	EA	500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	337,587.58	4,536.55
23 52 39 13-0089	EA	600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	395,539.90	4,953.18
23 52 39 13-0090	EA	700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	451,027.50	5,369.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0091	EA	800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	504,244.38	5,786.42
23 52 39 13-0092	EA	900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	770,809.07	6,203.04
23 52 39 13-0093	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	838,854.15	6,619.67
23 52 39 13-0094		150 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0095	EA	40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	75,674.53	1,110.99
23 52 39 13-0096	EA	50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	82,193.66	1,203.58
23 52 39 13-0097	EA	60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,415.10	1,388.74
23 52 39 13-0098	EA	70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	93,230.03	1,481.32
23 52 39 13-0099	EA	80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,037.87	1,573.91
23 52 39 13-0100	EA	90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	100,664.64	1,620.20
23 52 39 13-0101	EA	100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	107,986.83	1,666.49
23 52 39 13-0102	EA	125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	125,138.48	1,851.65
23 52 39 13-0103	EA	150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	142,311.83	2,036.82
23 52 39 13-0104	EA	175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	156,078.93	2,245.13
23 52 39 13-0105	EA	200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	169,844.14	2,453.44
23 52 39 13-0106	EA	250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	178,640.40	2,870.06
23 52 39 13-0107	EA	300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	217,624.96	3,286.69
23 52 39 13-0108	EA	350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	235,314.43	3,703.31
23 52 39 13-0109	EA	400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	277,523.58	4,119.93
23 52 39 13-0110	EA	500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	337,907.08	4,536.55
23 52 39 13-0111	EA	600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	395,916.75	4,953.18
23 52 39 13-0112	EA	700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	451,456.23	5,369.80
23 52 39 13-0113	EA	800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	504,725.00	5,786.42
23 52 39 13-0114	EA	900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	771,554.18	6,203.04
23 52 39 13-0115	EA	1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	839,668.40	6,619.67
23 52 39 13-0116		150 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0117	EA	40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,478.63	1,110.99
23 52 39 13-0118	EA	50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	91,756.92	1,203.58
23 52 39 13-0119	EA	60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	96,214.79	1,388.74
23 52 39 13-0120	EA	70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	100,308.26	1,481.32
23 52 39 13-0121	EA	80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,394.65	1,573.91
23 52 39 13-0122	EA	90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	108,302.69	1,620.20
23 52 39 13-0123	EA	100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	112,208.65	1,666.49
23 52 39 13-0124	EA	125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	130,045.73	1,851.65
23 52 39 13-0125	EA	150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	147,901.78	2,036.82
23 52 39 13-0126	EA	175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	162,206.85	2,245.13
23 52 39 13-0127	EA	200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	176,512.76	2,453.44
23 52 39 13-0128	EA	250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	185,606.67	2,870.06
23 52 39 13-0129	EA	300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	226,145.06	3,286.69
23 52 39 13-0130	EA	350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	244,500.84	3,703.31
23 52 39 13-0131	EA	400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	288,400.35	4,119.93
23 52 39 13-0132	EA	500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	351,233.39	4,536.55
23 52 39 13-0133	EA	600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	411,586.08	4,953.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0134	EA	700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	469,373.01	5,369.80
23 52 39 13-0135	EA	800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	524,790.92	5,786.42
23 52 39 13-0136	EA	900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	802,668.50	6,203.04
23 52 39 13-0137	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	873,548.09	6,619.67
23 52 39 13-0138		125 PSI Water Scotch Marine Boilers *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.		
23 52 39 13-0139		125 PSI Gas Fired Water Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0140	EA	40 HP, 1,339 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	70,379.51	1,110.99
23 52 39 13-0141	EA	50 HP, 1,674 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	78,998.62	1,203.58
23 52 39 13-0142	EA	60 HP, 2,009 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	84,827.35	1,388.74
23 52 39 13-0143	EA	70 HP, 2,343 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	91,190.12	1,481.32
23 52 39 13-0144	EA	80 HP, 2,678 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	97,687.80	1,573.91
23 52 39 13-0145	EA	90 HP, 3,013 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	102,868.40	1,620.20
23 52 39 13-0146	EA	100 HP, 3,348 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	110,791.36	1,666.49
23 52 39 13-0147	EA	125 HP, 4,184 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	118,835.80	1,851.65
23 52 39 13-0148	EA	150 HP, 5,021 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	129,542.61	2,036.82
23 52 39 13-0149	EA	175 HP, 5,858 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	137,766.19	2,245.13
23 52 39 13-0150	EA	200 HP, 6,695 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	142,582.57	2,453.44
23 52 39 13-0151	EA	250 HP, 8,369 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	172,646.30	2,870.06
23 52 39 13-0152	EA	300 HP, 10,043 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	201,038.08	3,286.69
23 52 39 13-0153	EA	350 HP, 11,716 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	216,616.17	3,703.31
23 52 39 13-0154	EA	400 HP, 13,390 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	241,695.48	4,119.93
23 52 39 13-0155	EA	500 HP, 16,738 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	293,072.81	4,536.55
23 52 39 13-0156	EA	600 HP, 20,085 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	343,190.47	4,953.18
23 52 39 13-0157	EA	700 HP, 23,433 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	391,173.82	5,369.80
23 52 39 13-0158	EA	800 HP, 26,780 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	437,208.70	5,786.42
23 52 39 13-0159	EA	900 HP, 30,128 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	666,861.66	6,203.04
23 52 39 13-0160	EA	1,000 HP, 33,476 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	725,673.45	6,619.67
23 52 39 13-0161		125 PSI Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0162	EA	40 HP, 1,339 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	65,158.22	1,110.99
23 52 39 13-0163	EA	50 HP, 1,674 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	73,121.94	1,203.58
23 52 39 13-0164	EA	60 HP, 2,009 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	81,924.51	1,388.74
23 52 39 13-0165	EA	70 HP, 2,343 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	87,675.58	1,481.32
23 52 39 13-0166	EA	80 HP, 2,678 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	93,419.56	1,573.91
23 52 39 13-0167	EA	90 HP, 3,013 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	98,982.47	1,620.20
23 52 39 13-0168	EA	100 HP, 3,348 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	108,251.72	1,666.49
23 52 39 13-0169	EA	125 HP, 4,184 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	118,947.76	1,851.65
23 52 39 13-0170	EA	150 HP, 5,021 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	129,662.77	2,036.82
23 52 39 13-0171	EA	175 HP, 5,858 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	137,894.54	2,245.13
23 52 39 13-0172	EA	200 HP, 6,695 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	142,716.38	2,453.44
23 52 39 13-0173	EA	250 HP, 8,369 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	172,807.41	2,870.06
23 52 39 13-0174	EA	300 HP, 10,043 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	201,226.51	3,286.69
23 52 39 13-0175	EA	350 HP, 11,716 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	216,818.24	3,703.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0176	EA	400 HP, 13,390 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	241,922.14	4,119.93
23 52 39 13-0177	EA	500 HP, 16,738 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	293,348.62	4,536.55
23 52 39 13-0178	EA	600 HP, 20,085 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	343,515.43	4,953.18
23 52 39 13-0179	EA	700 HP, 23,433 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	391,545.21	5,369.80
23 52 39 13-0180	EA	800 HP, 26,780 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	437,623.78	5,786.42
23 52 39 13-0181	EA	900 HP, 30,128 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	667,503.07	6,203.04
23 52 39 13-0182	EA	1,000 HP, 33,476 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	726,372.48	6,619.67

23 52 39 13-0183 125 PSI Gas/Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0138)*

23 52 39 13-0184	EA	40 HP, 1,339 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	72,662.46	1,110.99
23 52 39 13-0185	EA	50 HP, 1,674 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	81,565.57	1,203.58
23 52 39 13-0186	EA	60 HP, 2,009 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	88,117.97	1,388.74
23 52 39 13-0187	EA	70 HP, 2,343 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	94,303.23	1,481.32
23 52 39 13-0188	EA	80 HP, 2,678 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	100,484.14	1,573.91
23 52 39 13-0189	EA	90 HP, 3,013 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	106,483.98	1,620.20
23 52 39 13-0190	EA	100 HP, 3,348 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	112,484.46	1,666.49
23 52 39 13-0191	EA	125 HP, 4,184 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	123,595.58	1,851.65
23 52 39 13-0192	EA	150 HP, 5,021 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	134,725.67	2,036.82
23 52 39 13-0193	EA	175 HP, 5,858 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	143,266.02	2,245.13
23 52 39 13-0194	EA	200 HP, 6,695 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	148,254.44	2,453.44
23 52 39 13-0195	EA	250 HP, 8,369 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	179,530.64	2,870.06
23 52 39 13-0196	EA	300 HP, 10,043 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	209,063.91	3,286.69
23 52 39 13-0197	EA	350 HP, 11,716 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	225,234.57	3,703.31
23 52 39 13-0198	EA	400 HP, 13,390 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	251,316.09	4,119.93
23 52 39 13-0199	EA	500 HP, 16,738 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	304,817.98	4,536.55
23 52 39 13-0200	EA	600 HP, 20,085 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	357,002.85	4,953.18
23 52 39 13-0201	EA	700 HP, 23,433 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	406,966.04	5,369.80
23 52 39 13-0202	EA	800 HP, 26,780 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	454,893.36	5,786.42
23 52 39 13-0203	EA	900 HP, 30,128 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	694,284.97	6,203.04
23 52 39 13-0204	EA	1,000 HP, 33,476 MBH Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	755,531.83	6,619.67

23 53 Heating Boiler Feedwater Equipment *(23 50)*

23 53 13 Boiler Feedwater Pumps *(23 53)*

See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators *(23 53)*

23 53 16 00-0001 Boiler Feed System *(23 53 16)*

23 53 16 00-0002 Low Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	4,635.00	1,120.18
23 53 16 00-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,077.05	1,319.70
23 53 16 00-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,419.19	1,365.93
23 53 16 00-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,597.12	1,416.05
23 53 16 00-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	5,932.38	1,513.37
23 53 16 00-0008	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,971.67	1,639.89
23 53 16 00-0009	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	10,058.36	1,751.81
23 53 16 00-0010	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	11,520.73	1,995.12
23 53 16 00-0011	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	12,642.89	2,141.11
23 53 16 00-0012	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	13,607.60	2,287.10

23 53 16 00-0013 High Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	6,035.02	955.03
23 53 16 00-0015	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	6,368.29	1,120.18
23 53 16 00-0016	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	7,139.95	1,319.70

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0017	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	7,675.36	1,365.93
23 53 16 00-0018	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	7,825.15	1,416.05
23 53 16 00-0019	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	9,321.71	1,513.37
23 53 16 00-0020	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	11,908.47	1,639.89
23 53 16 00-0021	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	12,266.46	1,751.81
23 53 16 00-0022	EA	183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	13,452.85	1,876.00
23 53 16 00-0023	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	14,459.55	1,995.12
23 53 16 00-0024	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	15,468.72	2,141.11
23 53 16 00-0025	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	16,683.40	2,287.10
23 53 16 00-0026		Boiler Feedwater System *(23 53 16)*		
		Note: With deaerator includes pumps and accessories.		
23 53 16 00-0027	EA	1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	7,624.03	1,319.70
23 53 16 00-0028	EA	2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	9,803.50	1,511.91
23 53 16 00-0029	EA	4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	12,767.25	1,730.40
23 53 16 00-0030	EA	6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	15,304.21	1,996.10
23 53 16 00-0031	EA	8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	16,256.55	2,141.11
23 53 16 00-0032	EA	11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	17,173.20	2,287.10
23 53 16 00-0033	EA	13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	19,165.42	2,627.82
23 53 16 00-0034	EA	17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	24,541.08	3,017.21
23 53 16 00-0035	EA	20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	31,581.45	3,486.31
23 53 16 00-0036	EA	27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	39,751.53	4,001.93
23 53 16 00-0037	EA	34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	50,566.45	4,604.35
23 53 16 00-0038		Duplex Vacuum Condensate Pumps *(23 53 16)*		
23 53 16 00-0039	EA	7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	19,326.07	778.59
23 53 16 00-0040	EA	9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	19,780.07	827.25
23 53 16 00-0041	EA	12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	20,298.91	875.91
23 53 16 00-0042	EA	18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	22,276.89	924.57
23 53 16 00-0043	EA	28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	26,524.61	973.23
23 53 16 00-0044	EA	42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	27,918.93	1,021.90

23 54 Furnaces *(23 50)*

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces *(23 54)*

23 54 13 00-0001		Down Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,062.88	95.60
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,406.06	119.50
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,822.17	143.39
23 54 13 00-0005		Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace Note: Excludes cooling equipment.	1,062.88	95.60
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,273.20	107.55
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,390.87	119.50
23 54 13 00-0009	EA	>3 to 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,453.86	131.45
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace Note: Excludes cooling equipment.	1,822.17	143.39
23 54 13 00-0011		Heating Coil For Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace	183.42	24.97
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace	210.11	27.47
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace	227.70	29.97
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace	313.64	32.46
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace	338.81	34.96

23 54 16 Fuel-Fired Furnaces *(23 54)*

23 54 16 13 Gas-Fired Furnaces *(23 54 16)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0001		Natural Gas Fired Forced Air Furnaces *(23 54 16 13)* Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 13-0002		Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,689.53	83.65
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,798.07	95.60
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,075.23	107.55
23 54 16 13-0006	EA	100 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,424.50	131.45
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,586.23	143.39
23 54 16 13-0008		Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,883.94	83.65
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,062.38	95.60
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,185.77	107.55
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3.5 tons.	1,900.00	119.50
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,577.92	131.45
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,716.86	143.39
23 54 16 13-0015		Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,656.03	83.65
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,901.30	95.60
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,057.65	119.50
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,196.59	131.45
23 54 16 13-0020		Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0021	EA	40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,181.67	83.65
23 54 16 13-0022	EA	60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,296.30	95.60
23 54 16 13-0023	EA	80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,556.75	107.55
23 54 16 13-0024	EA	100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,789.06	131.45
23 54 16 13-0025	EA	120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,988.76	143.39
23 54 16 13-0026		Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0027	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,504.19	83.65
23 54 16 13-0028	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,583.89	95.60
23 54 16 13-0029	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,766.87	107.55
23 54 16 13-0030	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,782.06	107.55
23 54 16 13-0031	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,943.79	119.50
23 54 16 13-0032	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,047.79	131.45
23 54 16 13-0033	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,170.02	143.39
23 54 16 13-0034		Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0035	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,037.86	83.65
23 54 16 13-0036	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,134.27	95.60
23 54 16 13-0037	EA	60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,297.50	107.55
23 54 16 13-0038	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,299.02	107.55
23 54 16 13-0039	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,425.81	119.50
23 54 16 13-0040	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,461.46	131.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0041	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,624.70	143.39
23 54 16 13-0042		Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0043	EA	40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,053.05	83.65
23 54 16 13-0044	EA	60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,138.83	95.60
23 54 16 13-0045	EA	80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,365.86	107.55
23 54 16 13-0046	EA	100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,503.28	119.50
23 54 16 13-0047		75% AFUE Gas Wall/Recessed Furnace *(23 54 16 13-0001)*		
23 54 16 13-0048	EA	35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,807.23	71.70
23 54 16 13-0049	EA	55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,083.99	89.67
23 54 16 13-0050	EA	35 MBH 75% AFUE Gas Wall/Recessed Furnace	1,632.55	71.70
23 54 16 13-0051	EA	40 MBH 75% AFUE Gas Wall/Recessed Furnace	1,744.54	77.72
23 54 16 13-0052	EA	50 MBH 75% AFUE Gas Wall/Recessed Furnace	1,727.43	83.65
23 54 16 13-0053	EA	65 MBH 75% AFUE Gas Wall/Recessed Furnace	1,778.74	89.67
23 54 16 13-0054	EA	75 MBH 75% AFUE Gas Wall/Recessed Furnace	1,842.66	89.67
23 54 16 13-0055		Gas Fired Indoor Duct Furnace *(23 54 16 13-0001)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056		Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)*		
23 54 16 13-0057	EA	100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,036.24	186.41
23 54 16 13-0058	EA	150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,268.37	229.43
23 54 16 13-0059	EA	200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,575.39	329.80
23 54 16 13-0060	EA	250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,904.75	372.82
23 54 16 13-0061	EA	300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,385.61	430.17
23 54 16 13-0062	EA	350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,720.87	516.21
23 54 16 13-0063	EA	400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,245.54	688.29
23 54 16 13-0064		Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace *(23 54 16 13-0055)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA	100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,280.50	186.41
23 54 16 13-0066	EA	150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,508.98	229.43
23 54 16 13-0067	EA	200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,905.92	329.80
23 54 16 13-0068	EA	250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,294.83	372.82
23 54 16 13-0069	EA	300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,058.83	430.17
23 54 16 13-0070	EA	350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,451.21	516.21
23 54 16 13-0071	EA	400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,935.77	688.29
23 54 16 16		**Oil-Fired Furnaces** *(23 54 16)*		
23 54 16 16-0001		Oil Fired Forced Air Furnaces *(23 54 16 16)* Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 16-0002		Up Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0003	EA	72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	2,922.13	95.60
23 54 16 16-0004	EA	95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	3,098.94	131.45
23 54 16 16-0005	EA	126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	3,575.81	155.34
23 54 16 16-0006		Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0007	EA	95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	3,381.47	131.45
23 54 16 16-0008	EA	126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	3,404.16	155.34
23 54 16 16-0009		Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace *(23 54 16 16-0001)*		
23 54 16 16-0010	EA	95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	2,919.70	131.45
23 54 16 16-0011	EA	127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	3,466.44	155.34
23 54 19		**Furnace Accessories** *(23 54)*		
23 54 19 00-0001	EA	LP Gas Furnace Conversion Kit	146.99	23.90
23 54 19 00-0002	EA	1" Furnace External Filter Rack	43.31	
23 54 19 00-0003	EA	Removal And Reinstallation Of Forced Air Furnace Note: Includes storage and cleaning. Excludes ductwork.	442.57	

23 55 Fuel-Fired Heaters *(23 50)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 55 23 Gas-Fired Radiant Heaters *(23 55)*

23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters *(23 55 23)*

23 55 23 13-0001 Infrared Heaters-Radiant Energy *(23 55 23 13)*
Note: For spot localized or total heating, ceiling hung units, no fan required.

23 55 23 13-0002 Gas Fired Electric Ignition Infrared Gas Heater *(23 55 23 13-0001)*
Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.

23 55 23 13-0003	EA	15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	811.09	97.32
23 55 23 13-0004	EA	37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	896.74	107.06
23 55 23 13-0005	EA	50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	958.68	107.06
23 55 23 13-0006	EA	75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,202.03	128.47
23 55 23 13-0007	EA	100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,212.47	128.47

23 55 23 13-0008 Rolled Steel Or Aluminum Housing Infrared Electric Heater *(23 55 23 13-0001)*
Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.

23 55 23 13-0009	EA	1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	909.72	105.15
		For Stainless Steel Housing, Add	*147.77*	
23 55 23 13-0010	EA	3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	973.37	105.15
		For Stainless Steel Housing, Add	*163.68*	
23 55 23 13-0011	EA	5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,046.12	105.15
		For Stainless Steel Housing, Add	*181.87*	
23 55 23 13-0012	EA	7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,133.58	105.15
		For Stainless Steel Housing, Add	*203.74*	
23 55 23 13-0013	EA	10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,237.90	114.72
		For Stainless Steel Housing, Add	*227.02*	
23 55 23 13-0014	EA	13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,322.40	124.27
		For Stainless Steel Housing, Add	*244.48*	
23 55 23 13-0015	EA	24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	2,129.05	133.83
		For Stainless Steel Housing, Add	*436.58*	

23 55 23 13-0016 Gas Fired Tubular Infrared Heater *(23 55 23 13-0001)*
Note: Includes controls and supports.

23 55 23 13-0017 "U" Package *(23 55 23 13-0016)*

23 55 23 13-0018	LF	Up To 75 MBH Input Radiant Heater	66.83	4.87
23 55 23 13-0019	LF	76 To 105 MBH Input Radiant Heater	77.20	5.83
23 55 23 13-0020	LF	106 To 130 MBH Input Radiant Heater	94.08	6.81

23 55 23 13-0021 "S" Straight Package *(23 55 23 13-0016)*

23 55 23 13-0022	LF	Up To 75 MBH Input Radiant Heater	54.44	3.89
23 55 23 13-0023	LF	76 To 105 MBH Input Radiant Heater	69.07	4.87
23 55 23 13-0024	LF	106 To 130 MBH Input Radiant Heater	83.70	5.83

23 55 33 Fuel-Fired Unit Heaters *(23 55)*

23 55 33 13 Oil-Fired Unit Heaters *(23 55 33)*

23 55 33 13-0001 Oil Fired Unit Heater *(23 55 33 13)*

23 55 33 13-0002 Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt *(23 55 33 13-0001)*

23 55 33 13-0003	EA	97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,818.28	447.96
23 55 33 13-0004	EA	142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,245.31	492.75
23 55 33 13-0005	EA	188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,710.90	537.55

23 55 33 16 Gas-Fired Unit Heaters *(23 55 33)*

23 55 33 16-0001 Gas Fired Unit Heaters *(23 55 33 16)*

23 55 33 16-0002 Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt *(23 55 33 16-0001)*

23 55 33 16-0003	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,473.58	167.99
23 55 33 16-0004	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,618.95	201.58
23 55 33 16-0005	EA	48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,642.78	201.58
23 55 33 16-0006	EA	60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,799.63	235.17
23 55 33 16-0007	EA	72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,983.12	268.77
23 55 33 16-0008	EA	81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,127.32	285.57
23 55 33 16-0009	EA	101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,187.40	285.57
23 55 33 16-0010	EA	121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,135.91	285.57
23 55 33 16-0011	EA	141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,527.11	302.37
23 55 33 16-0012	EA	162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,761.69	302.37
23 55 33 16-0013	EA	202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,956.22	302.37
23 55 33 16-0014	EA	243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,525.11	335.97
23 55 33 16-0015	EA	283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,965.66	335.97
23 55 33 16-0016	EA	324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,257.82	369.57

23 55 33 16-0017 Removal And Reinstallation Of Unit Heaters *(23 55 33 16)*
Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 55 33 16-0018	EA	Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater	559.61	
23 55 33 16-0019	EA	Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater	754.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 57 Heat Exchangers for HVAC *(23 50)*

23 57 13 Steam-To-Steam Heat Exchangers *(23 57)*

23 57 13 00-0001 Steam Generator Heat Exchanger *(23 57 13)*

Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.

23 57 13 00-0002	EA	75 LB/Hour Steam Generator Heat Exchanger, 35 PSI	13,458.24	1,557.17
23 57 13 00-0003	EA	300 LB/Hour Steam Generator Heat Exchanger, 35 PSI	17,913.65	1,654.49
23 57 13 00-0004	EA	525 LB/Hour Steam Generator Heat Exchanger, 35 PSI	24,026.84	2,027.67

23 57 16 Steam-To-Water Heat Exchangers *(23 57)*

23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI *(23 57 16)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.

23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	1,556.36	243.31
		For Bronze Head And Tube Sheet, Add	*554.38*	
		For Copper Nickel Tubes, Add	*123.20*	
		For Double Wall Tube Bundles, Add	*184.79*	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,254.81	243.31
		For Bronze Head And Tube Sheet, Add	*839.48*	
		For Copper Nickel Tubes, Add	*186.55*	
		For Double Wall Tube Bundles, Add	*279.83*	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,372.89	340.63
		For Bronze Head And Tube Sheet, Add	*1,298.83*	
		For Copper Nickel Tubes, Add	*288.63*	
		For Double Wall Tube Bundles, Add	*432.94*	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,373.04	340.63
		For Bronze Head And Tube Sheet, Add	*1,979.91*	
		For Copper Nickel Tubes, Add	*439.98*	
		For Double Wall Tube Bundles, Add	*659.97*	
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	7,059.49	400.97
		For Bronze Head And Tube Sheet, Add	*2,629.33*	
		For Copper Nickel Tubes, Add	*584.30*	
		For Double Wall Tube Bundles, Add	*876.44*	
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,269.28	502.67
		For Bronze Head And Tube Sheet, Add	*3,452.97*	
		For Copper Nickel Tubes, Add	*767.33*	
		For Double Wall Tube Bundles, Add	*1,150.99*	
23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	11,472.83	754.48
		For Bronze Head And Tube Sheet, Add	*4,229.10*	
		For Copper Nickel Tubes, Add	*939.80*	
		For Double Wall Tube Bundles, Add	*1,409.70*	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	17,236.11	754.48
		For Bronze Head And Tube Sheet, Add	*6,589.16*	
		For Copper Nickel Tubes, Add	*1,464.26*	
		For Double Wall Tube Bundles, Add	*2,196.39*	

23 57 19 Liquid-To-Liquid Heat Exchangers *(23 57)*

23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers *(23 57 19)*

23 57 19 13-0001 Plate And Frame Heat Exchanger *(23 57 19 13)*

23 57 19 13-0002	EA	8" W x 18-7/8"H Plate And Frame Heat Exchanger	2,447.58	243.31
23 57 19 13-0003	EA	8" W x 24-9/16"H Plate And Frame Heat Exchanger	3,212.84	243.31
23 57 19 13-0004	EA	11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger	4,266.69	291.97
23 57 19 13-0005	EA	16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger	5,750.27	316.30
23 57 19 13-0006	EA	16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger	6,276.39	316.30
23 57 19 13-0007	EA	24" W x 57-11/16"H Plate And Frame Heat Exchanger	8,142.60	340.63
23 57 19 13-0008	EA	26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger	8,573.06	340.63
23 57 19 13-0009	EA	24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger	10,583.44	389.29
23 57 19 13-0010	EA	24" W x 69-11/16"H Plate And Frame Heat Exchanger	12,928.63	437.95
23 57 19 13-0011	EA	26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger	13,406.92	437.95
23 57 19 13-0012	EA	24" W x 89-13/16"H Plate And Frame Heat Exchanger	16,581.69	509.28
23 57 19 13-0013	EA	26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger	19,985.46	560.11
23 57 19 13-0014	EA	40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger	23,054.32	610.94

23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger *(23 57 19)*

23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F *(23 57 19 19)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	1,837.95	243.31
		For Copper Nickel Tubes, Add	*151.35*	
		For Double Wall Tube Bundles, Add	*227.03*	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,536.40	243.31
		For Copper Nickel Tubes, Add	*214.71*	
		For Double Wall Tube Bundles, Add	*322.07*	
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,760.07	340.63
		For Copper Nickel Tubes, Add	*327.35*	
		For Double Wall Tube Bundles, Add	*491.02*	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,365.42	340.63
		For Copper Nickel Tubes, Add	*471.66*	
		For Double Wall Tube Bundles, Add	*707.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	6,654.04	389.29
		For Copper Nickel Tubes, Add	*580.78*	
		For Double Wall Tube Bundles, Add	*871.16*	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	8,838.52	389.29
		For Copper Nickel Tubes, Add	*781.41*	
		For Double Wall Tube Bundles, Add	*1,172.11*	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	10,935.28	377.24
		For Copper Nickel Tubes, Add	*971.48*	
		For Double Wall Tube Bundles, Add	*1,457.22*	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	13,590.30	377.24
		For Copper Nickel Tubes, Add	*1,210.83*	
		For Double Wall Tube Bundles, Add	*1,816.24*	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	17,373.54	377.24
		For Copper Nickel Tubes, Add	*1,548.73*	
		For Double Wall Tube Bundles, Add	*2,323.10*	

23 57 19 23 Refrigerant-To-Water Heat Exchanger *(23 57 19)*

23 57 19 23-0001 Heat Exchanger Refrigerant To Water *(23 57 19 23)*

23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	2,083.53	194.64
		For Copper Nickel Tubes, Add	*169.42*	
		For Double Wall Tube Bundles, Add	*254.14*	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	5,440.41	324.38
		For Copper Nickel Tubes, Add	*479.16*	
		For Double Wall Tube Bundles, Add	*718.74*	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	7,322.41	423.16
		For Copper Nickel Tubes, Add	*647.76*	
		For Double Wall Tube Bundles, Add	*971.64*	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	7,888.09	512.22
		For Copper Nickel Tubes, Add	*686.58*	
		For Double Wall Tube Bundles, Add	*1,029.87*	
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	9,501.40	599.16
		For Copper Nickel Tubes, Add	*828.38*	
		For Double Wall Tube Bundles, Add	*1,242.57*	

23 60 Central Cooling Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors *(23 60)*

23 61 16 Reciprocating Refrigerant Compressors *(23 61)*

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors *(23 61 16)*

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	367.90	90.17
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	419.64	90.17
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	559.59	112.68
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	666.30	112.68
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	730.97	112.68
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	743.75	117.23
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	747.53	117.23
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	818.39	126.24
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	879.54	135.26
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	955.77	144.28
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	1,066.80	144.28
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,188.29	153.30
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	1,219.28	162.32
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,241.21	166.78
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	2,254.10	873.10
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	3,159.74	997.78
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	4,065.49	1,122.55
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	5,171.60	1,216.01
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	6,277.99	1,309.64
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	7,533.59	1,571.57
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	8,914.12	1,689.14
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	10,226.72	1,785.88
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	13,157.44	2,014.86
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	15,285.05	2,067.70
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	18,778.12	2,120.45
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	19,660.40	2,146.92
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	20,506.96	2,173.30
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	22,093.61	2,226.05
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	23,539.60	2,278.98
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	25,364.33	2,560.74
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	26,528.56	2,618.05
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	27,515.47	2,651.39
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	28,433.35	2,733.42
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	29,170.50	2,790.73
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	29,935.76	2,867.19
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	30,631.72	2,898.03
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	31,354.34	2,945.98
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	32,314.09	3,144.66
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	33,226.45	3,314.19

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16)*

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons *(23 61 16 00-0041)*

23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,233.96	90.17
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,278.81	90.17
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,368.74	112.68
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,413.55	112.68
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,435.97	112.68
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,480.85	117.23
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,530.18	117.23
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,642.36	126.24
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,750.07	135.26
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,902.60	144.28
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,992.28	144.28
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,144.79	153.30
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,566.35	162.32
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,821.95	166.78

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16 00-0041)*

23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	3,423.38	449.02
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	6,733.85	561.28
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	11,434.82	683.30
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,629.58	785.78
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	16,153.00	873.10
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	17,898.29	982.23
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	23,260.92	1,122.55
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	30,157.94	1,122.55
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	37,305.51	1,309.64
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	42,052.77	1,403.19
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	44,441.35	1,470.53
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	45,663.45	1,543.17
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	46,988.20	1,549.16
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	49,361.86	1,622.05
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	51,764.42	1,689.14

23 61 19 Scroll Refrigerant Compressors *(23 61)*

23 61 19 00-0001 Scroll Refrigerant Compressors *(23 61 19)*

23 61 19 00-0002	EA	Up To 3 Ton Scroll Refrigerant Compressor	1,087.54	144.11
23 61 19 00-0003	EA	3.5 Ton Scroll Refrigerant Compressor	1,140.68	153.38
23 61 19 00-0004	EA	4 Ton Scroll Refrigerant Compressor	1,169.45	162.23
23 61 19 00-0005	EA	4.5 Ton Scroll Refrigerant Compressor	1,192.56	166.87
23 61 19 00-0006	EA	5 Ton Scroll Refrigerant Compressor	1,478.13	210.69
23 61 19 00-0007	EA	7.5 Ton Scroll Refrigerant Compressor	2,800.53	316.03
23 61 19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor	3,205.44	368.70
23 61 19 00-0009	EA	10 Ton Scroll Refrigerant Compressor	3,592.72	421.37
23 61 19 00-0010	EA	12 Ton Scroll Refrigerant Compressor	4,341.37	505.65
23 61 19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor	5,114.35	568.86
23 61 19 00-0012	EA	15 Ton Scroll Refrigerant Compressor	5,992.91	632.07
23 61 19 00-0013	EA	20 Ton Scroll Refrigerant Compressor	8,438.06	842.76
23 61 19 00-0014	EA	25 Ton Scroll Refrigerant Compressor	9,530.04	1,053.44
23 61 19 00-0015	EA	30 Ton Scroll Refrigerant Compressor	10,212.43	1,264.13

23 61 23 Rotary-Screw Refrigerant Compressors *(23 61)*

23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors *(23 61 23)*

23 61 23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type	53,099.47	2,146.92
23 61 23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type	54,747.56	2,173.30
23 61 23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type	58,324.51	2,226.05
23 61 23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type	61,861.61	2,278.98
23 61 23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type	66,530.98	2,560.74
23 61 23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type	70,680.86	2,618.05
23 61 23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type	74,756.55	2,651.39
23 61 23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type	78,938.60	2,733.42
23 61 23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type	83,090.65	2,790.73
23 61 23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type	88,946.87	2,867.19
23 61 23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type	93,042.57	2,898.03
23 61 23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type	94,927.98	2,945.98
23 61 23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type	106,682.29	3,144.66
23 61 23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type	118,316.96	3,314.19

23 62 Packaged Compressor and Condenser Units *(23 60)*

23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 13 00-0001		**Combination Direct-Expansion Liquid Cooler And Compressors** *(23 62 13)* Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.		
23 62 13 00-0002	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	5,807.60	778.70
23 62 13 00-0003	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	12,876.74	834.33
23 62 13 00-0004	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	22,610.93	889.95
23 62 13 00-0005	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	26,784.15	945.57
23 62 13 00-0006	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	31,775.16	1,001.19
23 62 13 00-0007	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	35,214.87	1,112.44
23 62 13 00-0008	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	36,254.51	1,258.86
23 62 13 00-0009	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	39,043.54	1,466.30
23 62 13 00-0010	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	41,660.69	1,588.49
23 62 13 00-0011	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	47,747.50	1,710.68
23 62 13 00-0012	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	53,981.48	1,893.97
23 62 13 00-0013	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	57,053.72	1,968.75
23 62 13 00-0014	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	64,416.50	2,091.79
23 62 13 00-0015	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	70,408.89	2,214.83
23 62 13 00-0016		**Direct-Expansion Liquid Cooler Shell And Tube Type** *(23 62 13)* Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.		
23 62 13 00-0017	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	5,543.50	778.70
23 62 13 00-0018	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	11,373.57	834.33
23 62 13 00-0019	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	17,747.96	889.95
23 62 13 00-0020	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	19,168.49	945.57
23 62 13 00-0021	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	20,589.03	1,001.19
23 62 13 00-0022	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	24,401.93	1,112.44
23 62 13 00-0023	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	27,660.73	1,258.86
23 62 13 00-0024	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	35,506.68	1,466.30
23 62 13 00-0025	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	39,822.08	1,588.49
23 62 13 00-0026	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	43,101.99	1,710.68
23 62 13 00-0027	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	49,564.23	1,893.97
23 62 13 00-0028	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	52,496.36	1,968.75
23 62 13 00-0029	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	57,586.16	2,091.79
23 62 13 00-0030	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	65,668.67	2,214.83
23 62 13 00-0031		**Packaged Chiller With Remote Air Cooled Condenser** *(23 62 13)* Note: With remote air cooled condenser rated by cooling capacity, Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.		
23 62 13 00-0032	EA	15 Ton Packaged Chiller With Remote Air Cooled Condensers	40,521.87	7,124.32
		For Gas Fired Engine Driven, Add	*7,036.27*	
23 62 13 00-0033	EA	20 Ton Packaged Chiller With Remote Air Cooled Condensers	45,856.45	7,509.41
		For Gas Fired Engine Driven, Add	*8,045.45*	
23 62 13 00-0034	EA	25 Ton Packaged Chiller With Remote Air Cooled Condensers	53,336.96	8,171.93
		For Gas Fired Engine Driven, Add	*9,442.21*	
23 62 13 00-0035	EA	30 Ton Packaged Chiller With Remote Air Cooled Condensers	59,724.88	8,682.72
		For Gas Fired Engine Driven, Add	*10,643.22*	
23 62 13 00-0036	EA	40 Ton Packaged Chiller With Remote Air Cooled Condensers	74,910.74	9,580.92
		For Gas Fired Engine Driven, Add	*13,545.73*	
23 62 13 00-0037	EA	50 Ton Packaged Chiller With Remote Air Cooled Condensers	82,775.82	9,923.06
		For Gas Fired Engine Driven, Add	*15,067.44*	
23 62 13 00-0038	EA	60 Ton Packaged Chiller With Remote Air Cooled Condensers	89,974.87	10,686.39
		For Gas Fired Engine Driven, Add	*16,392.81*	
23 62 13 00-0039	EA	70 Ton Packaged Chiller With Remote Air Cooled Condensers	109,690.21	11,434.07
		For Gas Fired Engine Driven, Add	*20,202.37*	
23 62 13 00-0040	EA	75 Ton Packaged Chiller With Remote Air Cooled Condensers	111,000.95	11,657.90
		For Gas Fired Engine Driven, Add	*20,452.37*	
23 62 13 00-0041	EA	80 Ton Packaged Chiller With Remote Air Cooled Condensers	112,950.17	12,164.82
		For Gas Fired Engine Driven, Add	*20,766.22*	
23 62 13 00-0042	EA	90 Ton Packaged Chiller With Remote Air Cooled Condensers	125,504.06	12,717.78
		For Gas Fired Engine Driven, Add	*23,194.10*	
23 62 13 00-0043	EA	100 Ton Packaged Chiller With Remote Air Cooled Condensers	139,025.89	13,323.41
		For Gas Fired Engine Driven, Add	*25,807.67*	
23 62 13 00-0044	EA	110 Ton Packaged Chiller With Remote Air Cooled Condensers	154,320.35	13,989.55
		For Gas Fired Engine Driven, Add	*28,766.69*	
23 62 13 00-0045	EA	120 Ton Packaged Chiller With Remote Air Cooled Condensers	166,956.90	14,725.86
		For Gas Fired Engine Driven, Add	*31,183.61*	
23 62 13 00-0046	EA	140 Ton Packaged Chiller With Remote Air Cooled Condensers	184,401.26	15,543.94
		For Gas Fired Engine Driven, Add	*34,549.83*	

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 23 00-0001		**Water Cooled Condensing Units** *(23 62 23)* Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 23 00-0002	EA	5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	4,921.97	622.67
23 62 23 00-0003	EA	10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	7,451.39	909.35
23 62 23 00-0004	EA	15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	8,508.63	985.51
23 62 23 00-0005	EA	20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	10,534.94	1,182.61
23 62 23 00-0006	EA	30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	11,426.05	1,391.36
23 62 23 00-0007	EA	60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	23,832.16	2,037.26
23 62 23 00-0008	EA	80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	29,550.06	2,458.80
23 62 23 00-0009	EA	120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	40,584.86	2,690.31

23 63 Refrigerant Condensers *(23 60)*

23 63 13 Air-Cooled Refrigerant Condensers *(23 63)*

23 63 13 00-0001 Air Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

23 63 13 00-0002	EA	6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	3,640.32	622.67
		For >10 To 25, Deduct	*-80.92*	
		For >25 To 50, Deduct	*-134.86*	
		For >50, Deduct	*-215.78*	
		For Low Ambient Protection, 0 Degree F, Add	*586.41*	
		For Winter Start Control, Add	*202.20*	
23 63 13 00-0003	EA	7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	4,356.60	739.13
		For >10 To 25, Deduct	*-97.10*	
		For >25 To 50, Deduct	*-161.84*	
		For >50, Deduct	*-258.94*	
		For Low Ambient Protection, 0 Degree F, Add	*538.91*	
		For Winter Start Control, Add	*176.72*	
23 63 13 00-0004	EA	10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	5,636.00	909.35
		For >10 To 25, Deduct	*-127.73*	
		For >25 To 50, Deduct	*-212.88*	
		For >50, Deduct	*-340.61*	
		For Low Ambient Protection, 0 Degree F, Add	*642.62*	
		For Winter Start Control, Add	*222.99*	
23 63 13 00-0005	EA	12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	6,875.03	946.09
		For >10 To 25, Deduct	*-163.25*	
		For >25 To 50, Deduct	*-272.08*	
		For >50, Deduct	*-435.32*	
		For Low Ambient Protection, 0 Degree F, Add	*739.28*	
		For Winter Start Control, Add	*252.18*	
23 63 13 00-0006	EA	15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	8,118.65	985.51
		For >10 To 25, Deduct	*-198.76*	
		For >25 To 50, Deduct	*-331.27*	
		For >50, Deduct	*-530.04*	
		For Low Ambient Protection, 0 Degree F, Add	*770.83*	
		For Winter Start Control, Add	*215.57*	
23 63 13 00-0007	EA	20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	10,415.78	1,182.61
		For >10 To 25, Deduct	*-258.72*	
		For >25 To 50, Deduct	*-431.20*	
		For >50, Deduct	*-689.92*	
		For Low Ambient Protection, 0 Degree F, Add	*965.39*	
		For Winter Start Control, Add	*265.42*	
23 63 13 00-0008	EA	25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	11,809.74	1,272.21
		For >10 To 25, Deduct	*-296.52*	
		For >25 To 50, Deduct	*-494.19*	
		For >50, Deduct	*-790.71*	
		For Low Ambient Protection, 0 Degree F, Add	*1,025.08*	
		For Winter Start Control, Add	*291.43*	
23 63 13 00-0009	EA	30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	13,505.59	1,388.67
		For >10 To 25, Deduct	*-342.13*	
		For >25 To 50, Deduct	*-570.22*	
		For >50, Deduct	*-912.36*	
		For Low Ambient Protection, 0 Degree F, Add	*1,095.50*	
		For Winter Start Control, Add	*324.16*	
23 63 13 00-0010	EA	40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	18,411.17	1,620.55
		For >10 To 25, Deduct	*-477.36*	
		For >25 To 50, Deduct	*-795.60*	
		For >50, Deduct	*-1,272.96*	
		For Low Ambient Protection, 0 Degree F, Add	*1,420.40*	
		For Winter Start Control, Add	*409.04*	
23 63 13 00-0011	EA	50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	22,393.71	2,037.26
		For >10 To 25, Deduct	*-577.55*	
		For >25 To 50, Deduct	*-962.59*	
		For >50, Deduct	*-1,540.15*	
		For Low Ambient Protection, 0 Degree F, Add	*1,555.54*	
		For Winter Start Control, Add	*410.45*	
23 63 13 00-0012	EA	60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	25,715.86	2,248.51
		For >10 To 25, Deduct	*-670.19*	
		For >25 To 50, Deduct	*-1,116.99*	
		For >50, Deduct	*-1,787.18*	
		For Low Ambient Protection, 0 Degree F, Add	*1,737.62*	
		For Winter Start Control, Add	*449.31*	
23 63 13 00-0013	EA	80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	33,117.70	2,458.80
		For >10 To 25, Deduct	*-879.77*	
		For >25 To 50, Deduct	*-1,466.29*	
		For >50, Deduct	*-2,346.06*	
		For Low Ambient Protection, 0 Degree F, Add	*2,121.01*	
		For Winter Start Control, Add	*525.82*	

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0014	EA	100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	45,454.27	2,213.88
		For >10 To 25, Deduct	*-1,228.42*	
		For >25 To 50, Deduct	*-2,047.37*	
		For >50, Deduct	*-3,275.80*	
		For Low Ambient Protection, 0 Degree F, Add	*2,355.12*	
		For Winter Start Control, Add	*655.42*	
23 63 13 00-0015	EA	120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	55,708.15	2,288.93
		For >10 To 25, Deduct	*-1,531.46*	
		For >25 To 50, Deduct	*-2,552.43*	
		For >50, Deduct	*-4,083.89*	
		For Low Ambient Protection, 0 Degree F, Add	*2,696.35*	

23 63 13 00-0016 Air Cooled Condensing Units *(23 63 13)*

Note: Include compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Excludes piping and power wiring.

23 63 13 00-0017	EA	1.5 Ton, 14 SEER, Air Cooled Condensing Unit	1,472.97	311.47
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-30.17*	
		For >25 To 50, Deduct	*-50.29*	
		For >50, Deduct	*-80.46*	
		For 16 SEER, Add	*412.37*	
		For 18 SEER, Add	*864.96*	
23 63 13 00-0018	EA	2 Ton, 14 SEER, Air Cooled Condensing Unit	1,588.97	346.25
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-32.10*	
		For >25 To 50, Deduct	*-53.49*	
		For >50, Deduct	*-85.59*	
		For 16 SEER, Add	*438.64*	
		For 18 SEER, Add	*920.07*	
23 63 13 00-0019	EA	2.5 Ton, 14 SEER, Air Cooled Condensing Unit	1,691.92	380.87
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-33.63*	
		For >25 To 50, Deduct	*-56.05*	
		For >50, Deduct	*-89.67*	
		For 16 SEER, Add	*459.57*	
		For 18 SEER, Add	*963.97*	
23 63 13 00-0020	EA	3 Ton, 14 SEER, Air Cooled Condensing Unit	1,933.91	415.29
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-39.33*	
		For >25 To 50, Deduct	*-65.55*	
		For >50, Deduct	*-104.88*	
		For 16 SEER, Add	*537.50*	
		For 18 SEER, Add	*1,127.43*	
23 63 13 00-0021	EA	3.5 Ton, 14 SEER, Air Cooled Condensing Unit	2,052.08	450.13
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-41.32*	
		For >25 To 50, Deduct	*-68.86*	
		For >50, Deduct	*-110.18*	
		For 16 SEER, Add	*564.66*	
		For 18 SEER, Add	*1,184.42*	
23 63 13 00-0022	EA	4 Ton, 14 SEER, Air Cooled Condensing Unit	2,279.94	484.75
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-46.60*	
		For >25 To 50, Deduct	*-77.66*	
		For >50, Deduct	*-124.25*	
		For 16 SEER, Add	*636.80*	
		For 18 SEER, Add	*1,335.73*	
23 63 13 00-0023	EA	5 Ton, 14 SEER, Air Cooled Condensing Unit	2,561.52	519.12
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-53.49*	
		For >25 To 50, Deduct	*-89.14*	
		For >50, Deduct	*-142.63*	
		For 15 SEER, Add	*427.88*	
		For 16 SEER, Add	*730.97*	
		For 18 SEER, Add	*1,533.25*	

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit *(23 63 13)*

Note: Includes storage and cleaning.

23 63 13 00-0025	EA	Removal And Reinstallation Of Up To 5 Tons Air Cooled Condensing Unit	318.64	
23 63 13 00-0026	EA	Removal And Reinstallation Of 7.5 To 15 Tons Air Cooled Condensing Unit	1,194.94	
23 63 13 00-0027	EA	Removal And Reinstallation Of 20 To 40 Tons Air Cooled Condensing Unit	1,882.18	

23 63 23 Water-Cooled Refrigerant Condensers *(23 63)*

23 63 23 00-0001 Water Cooled Condensers *(23 63 23)*

Note: Steel shell and copper tube type. Includes equipment rigging.

23 63 23 00-0002	EA	15 Ton Water Cooled Condenser, Shell And Tube Type	5,961.83	331.20
		For Saddle Legs, Add	*434.05*	
23 63 23 00-0003	EA	20 Ton Water Cooled Condenser, Shell And Tube Type	7,757.15	444.97
		For Saddle Legs, Add	*563.09*	
23 63 23 00-0004	EA	25 Ton Water Cooled Condenser, Shell And Tube Type	10,139.11	556.22
		For Saddle Legs, Add	*739.06*	
		For Dual Compressor, Add	*464.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 23 00-0005	EA	30 Ton Water Cooled Condenser, Shell And Tube Type	10,685.73	676.73
		For Saddle Legs, Add	*767.95*	
		For Dual Compressor, Add	*482.99*	
23 63 23 00-0006	EA	40 Ton Water Cooled Condenser, Shell And Tube Type	12,790.66	865.51
		For Saddle Legs, Add	*912.64*	
		For Dual Compressor, Add	*573.99*	
23 63 23 00-0007	EA	50 Ton Water Cooled Condenser, Shell And Tube Type	14,604.65	973.38
		For Saddle Legs, Add	*1,043.82*	
		For Dual Compressor, Add	*656.49*	
23 63 23 00-0008	EA	60 Ton Water Cooled Condenser, Shell And Tube Type	17,739.63	1,112.44
		For Saddle Legs, Add	*1,276.30*	
		For Dual Compressor, Add	*802.71*	
23 63 23 00-0009	EA	75 Ton Water Cooled Condenser, Shell And Tube Type	21,865.37	1,297.84
		For Saddle Legs, Add	*1,581.97*	
		For Dual Compressor, Add	*994.95*	
23 63 23 00-0010	EA	100 Ton Water Cooled Condenser, Shell And Tube Type	24,143.06	1,674.55
		For Saddle Legs, Add	*1,717.74*	
		For Dual Compressor, Add	*1,080.34*	
23 63 23 00-0011	EA	150 Ton Water Cooled Condenser, Shell And Tube Type	34,720.91	1,996.49
		For Saddle Legs, Add	*2,519.80*	
		For Dual Compressor, Add	*1,584.78*	

23 64 Packaged Water Chillers *(23 60)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 64 13 Absorption Water Chillers *(23 64)*

23 64 13 16 Indirect-Fired Absorption Water Chillers *(23 64 13)*

23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers *(23 64 13 16)*

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64 13 16-0002	EA	50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	102,970.64	5,686.91
		For Two Stage Unit, Add	*68,457.17*	
23 64 13 16-0003	EA	100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	130,818.78	6,782.84
		For Two Stage Unit, Add	*87,214.95*	
23 64 13 16-0004	EA	150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	165,879.22	6,963.68
		For Two Stage Unit, Add	*111,641.04*	
23 64 13 16-0005	EA	200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	183,832.04	7,096.15
		For Two Stage Unit, Add	*124,122.90*	
23 64 13 16-0006	EA	250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	205,642.39	7,274.01
		For Two Stage Unit, Add	*139,275.84*	
23 64 13 16-0007	EA	300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	232,350.48	7,703.17
		For Two Stage Unit, Add	*157,695.76*	
23 64 13 16-0008	EA	350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	249,206.92	7,889.32
		For Two Stage Unit, Add	*169,375.64*	
23 64 13 16-0009	EA	400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	297,031.79	8,211.86
		For Two Stage Unit, Add	*202,645.82*	
23 64 13 16-0010	EA	500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	332,896.08	8,451.05
		For Two Stage Unit, Add	*227,597.14*	
23 64 13 16-0011	EA	650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	409,435.15	11,924.13
		For Two Stage Unit, Add	*278,942.93*	
23 64 13 16-0012	EA	750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	445,708.30	13,890.35
		For Two Stage Unit, Add	*303,070.78*	
23 64 13 16-0013	EA	850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	477,449.38	14,507.64
		For Two Stage Unit, Add	*324,892.87*	
23 64 13 16-0014	EA	950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	510,780.87	14,800.44
		For Two Stage Unit, Add	*348,138.21*	
23 64 13 16-0015	EA	1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	584,921.46	15,313.36
		For Two Stage Unit, Add	*399,710.59*	
23 64 13 16-0016	EA	1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	640,069.24	15,782.13
		For Two Stage Unit, Add	*438,016.05*	
23 64 13 16-0017	EA	1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	752,345.98	19,454.67
		For Two Stage Unit, Add	*514,275.18*	
23 64 13 16-0018	EA	1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	879,583.52	20,485.43
		For Two Stage Unit, Add	*602,686.24*	

23 64 16 Centrifugal Water Chillers *(23 64)*

23 64 16 13 Air-Cooled Centrifugal Water Chillers *(23 64 16)*

23 64 16 13-0001 Magnetic Bearing, Air Cooled Centrifugal Chillers *(23 64 16 13)*

Note: SMARDT air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

23 64 16 13-0002	EA	85 Ton, Single Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	138,342.84	5,164.45
		For 5 Year Parts Only Compressor Warranty, Add	*3,783.90*	
23 64 16 13-0003	EA	175 Ton, Two Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	196,180.14	6,925.56
		For 5 Year Parts Only Compressor Warranty, Add	*7,567.80*	
23 64 16 13-0004	EA	240 Ton, Three Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	244,761.75	7,324.34
		For 5 Year Parts Only Compressor Warranty, Add	*11,351.70*	

23 64 16 16 Water-Cooled Centrifugal Water Chillers *(23 64 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0001		**Packaged Water-Cooled Centrifugal Water Chillers** *(23 64 16 16)* Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.		
23 64 16 16-0002	EA	180 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	141,277.10	5,318.50
		For 208/230 Volt Motor, Add	*5,309.35*	
23 64 16 16-0003	EA	200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	154,507.88	5,453.19
		For 208/230 Volt Motor, Add	*5,829.82*	
23 64 16 16-0004	EA	225 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	170,504.48	5,591.81
		For 208/230 Volt Motor, Add	*6,460.88*	
23 64 16 16-0005	EA	250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	186,098.84	5,815.99
		For 208/230 Volt Motor, Add	*7,070.26*	
23 64 16 16-0006	EA	275 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	201,318.27	6,144.40
		For 208/230 Volt Motor, Add	*7,657.93*	
23 64 16 16-0007	EA	300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	215,980.75	6,463.86
		For 208/230 Volt Motor, Add	*8,223.91*	
23 64 16 16-0008	EA	325 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	230,155.47	6,818.26
		For 208/230 Volt Motor, Add	*8,768.12*	
23 64 16 16-0009	EA	350 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	243,760.19	7,154.50
		For 208/230 Volt Motor, Add	*9,290.71*	
23 64 16 16-0010	EA	375 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	256,773.30	7,461.09
		For 208/230 Volt Motor, Add	*9,791.53*	
23 64 16 16-0011	EA	400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	269,140.33	7,703.17
		For 208/230 Volt Motor, Add	*10,270.66*	
23 64 16 16-0012	EA	425 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	281,189.02	8,084.81
		For 208/230 Volt Motor, Add	*10,728.09*	
23 64 16 16-0013	EA	450 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	292,583.44	8,396.71
		For 208/230 Volt Motor, Add	*11,163.82*	
23 64 16 16-0014	EA	475 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	303,428.89	8,704.60
		For 208/230 Volt Motor, Add	*11,577.85*	
23 64 16 16-0015	EA	500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	313,620.45	8,943.05
		For 208/230 Volt Motor, Add	*11,970.19*	
23 64 16 16-0016	EA	550 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	332,117.96	9,260.18
		For 208/230 Volt Motor, Add	*12,689.72*	
23 64 16 16-0017	EA	600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	348,259.75	9,461.52
		For 208/230 Volt Motor, Add	*13,322.45*	
23 64 16 16-0018	EA	650 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	362,658.14	9,929.20
		For 208/230 Volt Motor, Add	*13,868.34*	
23 64 16 16-0019	EA	700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	374,898.13	10,403.95
		For 208/230 Volt Motor, Add	*14,327.44*	
23 64 16 16-0020	EA	750 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	385,048.23	10,926.25
		For 208/230 Volt Motor, Add	*14,699.88*	
23 64 16 16-0021	EA	800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	409,021.63	11,453.39
		For 208/230 Volt Motor, Add	*15,624.94*	
23 64 16 16-0022	EA	850 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	432,825.31	11,978.85
		For 208/230 Volt Motor, Add	*16,543.33*	
23 64 16 16-0023	EA	900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	456,540.03	12,554.75
		For 208/230 Volt Motor, Add	*17,454.92*	
23 64 16 16-0024	EA	950 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	480,176.48	13,188.80
		For 208/230 Volt Motor, Add	*18,359.63*	
23 64 16 16-0025	EA	1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	503,285.39	13,747.98
		For 208/230 Volt Motor, Add	*19,257.48*	
23 64 16 16-0026	EA	1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	545,846.89	15,863.10
		For 208/230 Volt Motor, Add	*20,825.49*	
23 64 16 16-0027	EA	1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	586,794.10	17,984.26
		For 208/230 Volt Motor, Add	*22,328.53*	
23 64 16 16-0028	EA	1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	625,473.64	19,702.50
		For 208/230 Volt Motor, Add	*23,766.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0029	EA	1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	661,476.44	20,760.44
		For 208/230 Volt Motor, Add	*25,139.36*	
23 64 16 16-0030	EA	1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	695,792.40	21,783.78
		For 208/230 Volt Motor, Add	*26,446.94*	
23 64 16 16-0031	EA	1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	727,874.20	22,415.24
		For 208/230 Volt Motor, Add	*27,690.07*	
23 64 16 16-0032	EA	1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	759,805.78	23,979.05
		For 208/230 Volt Motor, Add	*28,867.93*	
23 64 16 16-0033	EA	1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	789,483.73	25,148.75
		For 208/230 Volt Motor, Add	*29,980.69*	
23 64 16 16-0034	EA	1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	818,087.29	26,666.37
		For 208/230 Volt Motor, Add	*31,028.36*	
23 64 16 16-0035	EA	2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	844,168.53	27,618.75
		For 208/230 Volt Motor, Add	*32,011.07*	
23 64 16 16-0036	EA	2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	899,271.06	29,182.10
		For 208/230 Volt Motor, Add	*34,183.25*	
23 64 16 16-0037	EA	2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	947,881.39	30,932.99
		For 208/230 Volt Motor, Add	*35,948.90*	

23 64 16 16-0038 Magnetic Bearing, Water Cooled Centrifugal Water Chillers *(23 64 16 16)*

Note: SMARDT water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.

23 64 16 16-0039	EA	60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	87,636.63	4,474.41
		For 5 Year Parts Only Compressor Warranty, Add	*3,783.90*	
		For Marine Water Box Connections, Add	*3,531.64*	
23 64 16 16-0040	EA	130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	110,161.55	5,200.58
		For 5 Year Parts Only Compressor Warranty, Add	*3,783.90*	
		For Marine Water Box Connections, Add	*3,531.64*	
23 64 16 16-0041	EA	125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	137,627.27	5,318.50
		For 5 Year Parts Only Compressor Warranty, Add	*7,567.80*	
		For Marine Water Box Connections, Add	*3,531.64*	
23 64 16 16-0042	EA	240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	178,872.88	6,144.40
		For 5 Year Parts Only Compressor Warranty, Add	*7,567.80*	
		For Marine Water Box Connections, Add	*3,531.64*	
23 64 16 16-0043	EA	210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	180,082.12	5,815.99
		For 5 Year Parts Only Compressor Warranty, Add	*11,351.70*	
		For Marine Water Box Connections, Add	*3,531.64*	
23 64 16 16-0044	EA	355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	269,704.36	7,703.17
		For 5 Year Parts Only Compressor Warranty, Add	*11,351.70*	
		For Marine Water Box Connections, Add	*3,531.64*	
23 64 16 16-0045	EA	299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	239,096.62	7,154.50
		For 5 Year Parts Only Compressor Warranty, Add	*13,874.30*	
		For Marine Water Box Connections, Add	*4,919.07*	
23 64 16 16-0046	EA	540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	331,899.02	9,260.18
		For 5 Year Parts Only Compressor Warranty, Add	*13,874.30*	
		For Marine Water Box Connections, Add	*4,919.07*	
23 64 16 16-0047	EA	425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	297,212.02	8,084.81
		For 5 Year Parts Only Compressor Warranty, Add	*16,396.90*	
		For Marine Water Box Connections, Add	*4,919.07*	
23 64 16 16-0048	EA	650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	397,386.98	9,929.20
		For 5 Year Parts Only Compressor Warranty, Add	*16,396.90*	
		For Marine Water Box Connections, Add	*4,919.07*	
23 64 16 16-0049	EA	510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	353,584.70	8,943.05
		For 5 Year Parts Only Compressor Warranty, Add	*18,919.50*	
		For Marine Water Box Connections, Add	*5,171.33*	
23 64 16 16-0050	EA	800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	455,539.44	11,453.39
		For 5 Year Parts Only Compressor Warranty, Add	*18,919.50*	
		For Marine Water Box Connections, Add	*5,171.33*	

23 64 23 Scroll Water Chillers *(23 64)*

23 64 23 13 Air-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 13-0001 Packaged Air Cooled Scroll Water Chillers *(23 64 23 13)*

Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type and include scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 64 23 13-0002	EA	10 Ton Packaged Air Cooled Scroll Water Chiller	18,382.46	1,415.69
23 64 23 13-0003	EA	15 Ton Packaged Air Cooled Scroll Water Chiller	26,788.71	1,433.84
23 64 23 13-0004	EA	18 Ton Packaged Air Cooled Scroll Water Chiller	29,227.03	1,533.67
23 64 23 13-0005	EA	22 Ton Packaged Air Cooled Scroll Water Chiller	32,139.23	1,642.56
23 64 23 13-0006	EA	25 Ton Packaged Air Cooled Scroll Water Chiller	32,689.30	1,751.46
23 64 23 13-0007	EA	30 Ton Packaged Air Cooled Scroll Water Chiller	34,504.85	1,878.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 23 13-0008	EA	40 Ton Packaged Air Cooled Scroll Water Chiller	39,416.03	2,032.79
23 64 23 13-0009	EA	45 Ton Packaged Air Cooled Scroll Water Chiller	42,334.73	2,205.21
23 64 23 13-0010	EA	50 Ton Packaged Air Cooled Scroll Water Chiller	44,686.65	2,268.74
23 64 23 13-0011	EA	55 Ton Packaged Air Cooled Scroll Water Chiller	46,671.44	2,368.56
23 64 23 13-0012	EA	60 Ton Packaged Air Cooled Scroll Water Chiller	48,239.72	2,450.24
23 64 23 13-0013	EA	70 Ton Packaged Air Cooled Scroll Water Chiller	55,631.68	2,758.78
23 64 23 13-0014	EA	80 Ton Packaged Air Cooled Scroll Water Chiller	59,901.37	3,021.96
23 64 23 13-0015	EA	90 Ton Packaged Air Cooled Scroll Water Chiller	60,975.99	3,031.03
23 64 23 13-0016	EA	100 Ton Packaged Air Cooled Scroll Water Chiller	64,461.55	3,040.11
23 64 23 13-0017	EA	110 Ton Packaged Air Cooled Scroll Water Chiller	67,853.21	3,049.18
23 64 23 13-0018	EA	120 Ton Packaged Air Cooled Scroll Water Chiller	71,287.01	3,058.25
23 64 23 13-0019	EA	130 Ton Packaged Air Cooled Scroll Water Chiller	74,898.91	3,067.33

23 64 23 16 Water-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 16-0001 Packaged Water Cooled Scroll Water Chillers *(23 64 23 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 16-0002	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	39,274.42	1,739.16
23 64 23 16-0003	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	45,337.05	1,791.70
23 64 23 16-0004	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	50,310.56	1,966.93
23 64 23 16-0005	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	61,775.32	2,480.76
23 64 23 16-0006	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	68,357.71	2,718.67
23 64 23 16-0007	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	71,726.13	3,003.78

23 64 26 Rotary-Screw Water Chillers *(23 64)*

23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 13-0001 Packaged Air Cooled Rotary-Screw Water Chillers *(23 64 26 13)*

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 V motor, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 64 26 13-0002	EA	70 Ton Packaged Air Cooled Rotary-Screw Water Chiller	95,198.91	3,475.70
		For Aluminum Fins Instead Of Copper, Deduct	*-1,349.85*	
		For 208/230 Volt Motor, Add	*3,599.60*	
23 64 26 13-0003	EA	80 Ton Packaged Air Cooled Rotary-Screw Water Chiller	102,307.00	3,775.18
		For Aluminum Fins Instead Of Copper, Deduct	*-1,449.80*	
		For 208/230 Volt Motor, Add	*3,866.13*	
23 64 26 13-0004	EA	90 Ton Packaged Air Cooled Rotary-Screw Water Chiller	107,624.07	3,938.53
		For Aluminum Fins Instead Of Copper, Deduct	*-1,525.74*	
		For 208/230 Volt Motor, Add	*4,068.65*	
23 64 26 13-0005	EA	100 Ton Packaged Air Cooled Rotary-Screw Water Chiller	111,571.42	4,237.99
		For Aluminum Fins Instead Of Copper, Deduct	*-1,578.28*	
		For 208/230 Volt Motor, Add	*4,208.76*	
23 64 26 13-0006	EA	110 Ton Packaged Air Cooled Rotary-Screw Water Chiller	119,761.70	4,446.72
		For Aluminum Fins Instead Of Copper, Deduct	*-1,696.51*	
		For 208/230 Volt Motor, Add	*4,524.03*	
23 64 26 13-0007	EA	120 Ton Packaged Air Cooled Rotary-Screw Water Chiller	127,304.07	4,537.47
		For Aluminum Fins Instead Of Copper, Deduct	*-1,807.47*	
		For 208/230 Volt Motor, Add	*4,819.91*	
23 64 26 13-0008	EA	130 Ton Packaged Air Cooled Rotary-Screw Water Chiller	134,403.40	4,691.75
		For Aluminum Fins Instead Of Copper, Deduct	*-1,910.55*	
		For 208/230 Volt Motor, Add	*5,094.81*	
23 64 26 13-0009	EA	140 Ton Packaged Air Cooled Rotary-Screw Water Chiller	138,711.05	4,791.57
		For Aluminum Fins Instead Of Copper, Deduct	*-1,972.86*	
		For 208/230 Volt Motor, Add	*5,260.95*	
23 64 26 13-0010	EA	160 Ton Packaged Air Cooled Rotary-Screw Water Chiller	146,504.09	4,891.39
		For Aluminum Fins Instead Of Copper, Deduct	*-2,087.44*	
		For 208/230 Volt Motor, Add	*5,566.50*	
23 64 26 13-0011	EA	170 Ton Packaged Air Cooled Rotary-Screw Water Chiller	152,936.80	5,045.67
		For Aluminum Fins Instead Of Copper, Deduct	*-2,180.52*	
		For 208/230 Volt Motor, Add	*5,814.73*	
23 64 26 13-0012	EA	180 Ton Packaged Air Cooled Rotary-Screw Water Chiller	161,286.90	5,245.32
		For Aluminum Fins Instead Of Copper, Deduct	*-2,301.28*	
		For 208/230 Volt Motor, Add	*6,136.76*	
23 64 26 13-0013	EA	200 Ton Packaged Air Cooled Rotary-Screw Water Chiller	168,619.60	5,354.22
		For Aluminum Fins Instead Of Copper, Deduct	*-2,408.96*	
		For 208/230 Volt Motor, Add	*6,423.89*	
23 64 26 13-0014	EA	215 Ton Packaged Air Cooled Rotary-Screw Water Chiller	180,809.61	5,444.96
		For Aluminum Fins Instead Of Copper, Deduct	*-2,589.63*	
		For 208/230 Volt Motor, Add	*6,905.69*	
23 64 26 13-0015	EA	225 Ton Packaged Air Cooled Rotary-Screw Water Chiller	188,912.08	5,499.42
		For Aluminum Fins Instead Of Copper, Deduct	*-2,710.08*	
		For 208/230 Volt Motor, Add	*7,226.88*	
23 64 26 13-0016	EA	240 Ton Packaged Air Cooled Rotary-Screw Water Chiller	197,014.55	5,544.79
		For Aluminum Fins Instead Of Copper, Deduct	*-2,830.53*	
		For 208/230 Volt Motor, Add	*7,548.08*	
23 64 26 13-0017	EA	260 Ton Packaged Air Cooled Rotary-Screw Water Chiller	221,267.50	5,653.69
		For Aluminum Fins Instead Of Copper, Deduct	*-3,191.87*	
		For 208/230 Volt Motor, Add	*8,511.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 13-0018	EA	280 Ton Packaged Air Cooled Rotary-Screw Water Chiller	233,466.57	5,762.59
		For Aluminum Fins Instead Of Copper, Deduct	*-3,372.54*	
		For 208/230 Volt Motor, Add	*8,993.45*	
23 64 26 13-0019	EA	300 Ton Packaged Air Cooled Rotary-Screw Water Chiller	249,671.51	5,853.34
		For Aluminum Fins Instead Of Copper, Deduct	*-3,613.44*	
		For 208/230 Volt Motor, Add	*9,635.84*	
23 64 26 13-0020	EA	325 Ton Packaged Air Cooled Rotary-Screw Water Chiller	273,906.30	5,953.16
		For Aluminum Fins Instead Of Copper, Deduct	*-3,974.78*	
		For 208/230 Volt Motor, Add	*10,599.43*	
23 64 26 13-0021	EA	350 Ton Packaged Air Cooled Rotary-Screw Water Chiller	298,697.88	6,025.76
		For Aluminum Fins Instead Of Copper, Deduct	*-4,344.89*	
		For 208/230 Volt Motor, Add	*11,586.37*	

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers *(23 64 26 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002	EA	70 Ton Packaged Water Cooled Helical Rotary Water Chiller	76,617.14	4,194.76
23 64 26 16-0003	EA	80 Ton Packaged Water Cooled Helical Rotary Water Chiller	83,292.02	4,357.89
23 64 26 16-0004	EA	90 Ton Packaged Water Cooled Helical Rotary Water Chiller	89,080.89	4,474.41
23 64 26 16-0005	EA	100 Ton Packaged Water Cooled Helical Rotary Water Chiller	94,075.30	4,663.19
23 64 26 16-0006	EA	110 Ton Packaged Water Cooled Helical Rotary Water Chiller	99,071.16	4,791.35
23 64 26 16-0007	EA	125 Ton Packaged Water Cooled Helical Rotary Water Chiller	105,163.71	4,925.86
23 64 26 16-0008	EA	130 Ton Packaged Water Cooled Helical Rotary Water Chiller	107,861.35	5,063.55
23 64 26 16-0009	EA	150 Ton Packaged Water Cooled Helical Rotary Water Chiller	116,940.75	5,200.58
23 64 26 16-0010	EA	175 Ton Packaged Water Cooled Helical Rotary Water Chiller	125,768.89	5,329.31
23 64 26 16-0011	EA	190 Ton Packaged Water Cooled Helical Rotary Water Chiller	130,038.28	5,595.82
23 64 26 16-0012	EA	200 Ton Packaged Water Cooled Helical Rotary Water Chiller	167,339.56	5,865.68
23 64 26 16-0013	EA	210 Ton Packaged Water Cooled Helical Rotary Water Chiller	169,576.41	5,991.25
23 64 26 16-0014	EA	235 Ton Packaged Water Cooled Helical Rotary Water Chiller	184,568.96	6,122.30
23 64 26 16-0015	EA	255 Ton Packaged Water Cooled Helical Rotary Water Chiller	196,163.92	6,402.52
23 64 26 16-0016	EA	275 Ton Packaged Water Cooled Helical Rotary Water Chiller	207,137.82	6,661.66
23 64 26 16-0017	EA	300 Ton Packaged Water Cooled Helical Rotary Water Chiller	219,938.12	6,925.56
23 64 26 16-0018	EA	350 Ton Packaged Water Cooled Helical Rotary Water Chiller	241,431.70	7,539.39
23 64 26 16-0019	EA	400 Ton Packaged Water Cooled Helical Rotary Water Chiller	258,892.28	8,292.59
23 64 26 16-0020	EA	450 Ton Packaged Water Cooled Helical Rotary Water Chiller	272,335.38	9,122.22

23 65 Cooling Towers *(23 60)*

23 65 13 Forced-Draft Cooling Towers *(23 65)*

23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13)*

23 65 13 16-0001 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13 16)*

23 65 13 16-0002 Blow-Thru Centrifugal Fan Type Cooling Towers *(23 65 13 16-0001)*

Note: Including 2-speed motor internal piping, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.

23 65 13 16-0003	EA	50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	15,615.92	1,506.44
		For Stainless Steel Cooling Tower, Add	*8,013.76*	
23 65 13 16-0004	EA	75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	21,508.50	1,842.21
		For Stainless Steel Cooling Tower, Add	*11,255.28*	
23 65 13 16-0005	EA	100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	26,981.63	2,314.11
		For Stainless Steel Cooling Tower, Add	*13,956.55*	
23 65 13 16-0006	EA	125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	31,111.82	2,586.35
		For Stainless Steel Cooling Tower, Add	*16,173.30*	
23 65 13 16-0007	EA	150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	35,554.29	2,913.05
		For Stainless Steel Cooling Tower, Add	*18,522.97*	
23 65 13 16-0008	EA	175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	39,975.89	3,266.98
		For Stainless Steel Cooling Tower, Add	*20,838.34*	
23 65 13 16-0009	EA	200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	44,862.56	3,639.05
		For Stainless Steel Cooling Tower, Add	*23,410.98*	
23 65 13 16-0010	EA	225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	49,036.89	4,101.88
		For Stainless Steel Cooling Tower, Add	*25,469.09*	
23 65 13 16-0011	EA	250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	53,430.81	4,555.62
		For Stainless Steel Cooling Tower, Add	*27,664.40*	
23 65 13 16-0012	EA	275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	58,538.02	5,390.51
		For Stainless Steel Cooling Tower, Add	*29,928.32*	
23 65 13 16-0013	EA	300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	63,626.61	5,971.31
		For Stainless Steel Cooling Tower, Add	*32,415.20*	
23 65 13 16-0014	EA	325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	67,047.75	6,352.46
		For Stainless Steel Cooling Tower, Add	*34,130.29*	
23 65 13 16-0015	EA	350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	71,050.78	6,724.54
		For Stainless Steel Cooling Tower, Add	*36,145.52*	
23 65 13 16-0016	EA	375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	74,935.86	7,051.23
		For Stainless Steel Cooling Tower, Add	*38,160.75*	
23 65 13 16-0017	EA	400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	79,383.55	7,377.92
		For Stainless Steel Cooling Tower, Add	*40,519.00*	
23 65 13 16-0018	EA	425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	84,101.19	7,777.22
		For Stainless Steel Cooling Tower, Add	*42,963.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 13 16-0019	EA	450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	89,452.94	8,176.52
		For Stainless Steel Cooling Tower, Add	*45,792.90*	
23 65 13 16-0020	EA	475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	94,651.55	8,521.37
		For Stainless Steel Cooling Tower, Add	*48,579.92*	
23 65 13 16-0021	EA	500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	99,859.22	8,866.21
		For Stainless Steel Cooling Tower, Add	*51,366.94*	
23 65 13 16-0022	EA	550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	109,739.17	9,238.29
		For Stainless Steel Cooling Tower, Add	*56,940.98*	
23 65 13 16-0023	EA	600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	120,476.66	9,601.28
		For Stainless Steel Cooling Tower, Add	*63,029.56*	
23 65 13 16-0024	EA	650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	124,836.98	9,800.94
		For Stainless Steel Cooling Tower, Add	*65,602.19*	
23 65 13 16-0025	EA	700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	130,054.84	9,927.98
		For Stainless Steel Cooling Tower, Add	*68,689.35*	
23 65 13 16-0026	EA	750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	136,141.65	10,436.19
		For Stainless Steel Cooling Tower, Add	*71,862.27*	
23 65 13 16-0027	EA	800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	143,228.90	10,944.37
		For Stainless Steel Cooling Tower, Add	*75,635.47*	
23 65 13 16-0028	EA	850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	150,388.75	11,497.95
		For Stainless Steel Cooling Tower, Add	*79,408.66*	
23 65 13 16-0029	EA	900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	158,692.00	12,051.52
		For Stainless Steel Cooling Tower, Add	*83,867.90*	
23 65 13 16-0030	EA	950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	167,265.24	12,686.77
		For Stainless Steel Cooling Tower, Add	*88,412.89*	
23 65 13 16-0031	EA	1,000 Ton Centrifugal Type Cooling Tower	176,972.76	13,322.02
		For Stainless Steel Cooling Tower, Add	*93,643.91*	

23 65 14 Induced-Draft Cooling Towers *(23 65)*

23 65 14 13 Open-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

23 65 14 13-0001 Induced Draft Axial Single Flow Propeller Type Cooling Towers *(23 65 14 13)*

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0002	EA	10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	7,977.62	1,016.39
		For Polymer Coating Over Galvanized Components, Add	*967.95*	
		For Stainless Steel Support Structure, Add	*1,935.91*	
23 65 14 13-0003	EA	20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	9,455.30	1,098.06
		For Polymer Coating Over Galvanized Components, Add	*1,170.55*	
		For Stainless Steel Support Structure, Add	*2,341.10*	
23 65 14 13-0004	EA	30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	11,305.71	1,234.19
		For Polymer Coating Over Galvanized Components, Add	*1,418.16*	
		For Stainless Steel Support Structure, Add	*2,836.33*	
23 65 14 13-0005	EA	40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	12,546.79	1,361.24
		For Polymer Coating Over Galvanized Components, Add	*1,575.74*	
		For Stainless Steel Support Structure, Add	*3,151.48*	
23 65 14 13-0006	EA	50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	14,865.57	1,506.44
		For Polymer Coating Over Galvanized Components, Add	*1,890.89*	
		For Stainless Steel Support Structure, Add	*3,781.77*	
23 65 14 13-0007	EA	60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	17,295.89	1,624.42
		For Polymer Coating Over Galvanized Components, Add	*2,229.57*	
		For Stainless Steel Support Structure, Add	*4,459.14*	
23 65 14 13-0008	EA	75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	19,857.72	1,842.21
		For Polymer Coating Over Galvanized Components, Add	*2,566.20*	
		For Stainless Steel Support Structure, Add	*5,132.41*	
23 65 14 13-0009	EA	100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	24,730.57	2,314.11
		For Polymer Coating Over Galvanized Components, Add	*3,151.48*	
		For Stainless Steel Support Structure, Add	*6,302.96*	
23 65 14 13-0010	EA	125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	26,967.02	2,586.35
		For Polymer Coating Over Galvanized Components, Add	*3,421.61*	
		For Stainless Steel Support Structure, Add	*6,843.21*	
23 65 14 13-0011	EA	150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	41,181.44	2,913.05
		For Polymer Coating Over Galvanized Components, Add	*5,474.82*	
		For Stainless Steel Support Structure, Add	*10,949.63*	
23 65 14 13-0012	EA	200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	49,832.75	3,639.05
		For Polymer Coating Over Galvanized Components, Add	*6,598.27*	
		For Stainless Steel Support Structure, Add	*13,196.55*	
23 65 14 13-0013	EA	300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	64,475.30	5,971.31
		For Polymer Coating Over Galvanized Components, Add	*8,231.10*	
		For Stainless Steel Support Structure, Add	*16,462.21*	

23 65 14 13-0014 Induced Draft Double Flow Propeller Type Packaged Cooling Towers *(23 65 14 13)*

Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

23 65 14 13-0015	EA	100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	24,730.57	2,314.11
		For Polymer Coating Over Galvanized Components, Add	*3,151.48*	
		For Stainless Steel Support Structure, Add	*6,302.96*	
23 65 14 13-0016	EA	150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	32,945.92	2,913.05
		For Polymer Coating Over Galvanized Components, Add	*4,239.49*	
		For Stainless Steel Support Structure, Add	*8,478.98*	
23 65 14 13-0017	EA	200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	41,861.15	3,639.05
		For Polymer Coating Over Galvanized Components, Add	*5,402.53*	
		For Stainless Steel Support Structure, Add	*10,805.07*	
23 65 14 13-0018	EA	250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	49,671.91	4,555.62
		For Polymer Coating Over Galvanized Components, Add	*6,352.26*	
		For Stainless Steel Support Structure, Add	*12,704.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 13-0019	EA	300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	59,031.60	5,971.31
		For Polymer Coating Over Galvanized Components, Add	*7,414.55*	
		For Stainless Steel Support Structure, Add	*14,829.10*	
23 65 14 13-0020	EA	350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	65,798.32	6,724.54
		For Polymer Coating Over Galvanized Components, Add	*8,248.51*	
		For Stainless Steel Support Structure, Add	*16,497.02*	
23 65 14 13-0021	EA	400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	73,380.73	7,377.92
		For Polymer Coating Over Galvanized Components, Add	*9,229.33*	
		For Stainless Steel Support Structure, Add	*18,458.66*	
23 65 14 13-0022	EA	450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	83,164.28	8,176.52
		For Polymer Coating Over Galvanized Components, Add	*10,504.93*	
		For Stainless Steel Support Structure, Add	*21,009.85*	
23 65 14 13-0023	EA	500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	93,784.95	8,866.21
		For Polymer Coating Over Galvanized Components, Add	*11,930.60*	
		For Stainless Steel Support Structure, Add	*23,861.19*	
23 65 14 13-0024	EA	550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	100,449.10	9,347.19
		For Polymer Coating Over Galvanized Components, Add	*12,841.74*	
		For Stainless Steel Support Structure, Add	*25,683.47*	
23 65 14 13-0025	EA	600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	107,652.07	9,601.28
		For Polymer Coating Over Galvanized Components, Add	*13,833.70*	
		For Stainless Steel Support Structure, Add	*27,667.40*	
23 65 14 13-0026	EA	700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	122,122.55	9,927.98
		For Polymer Coating Over Galvanized Components, Add	*15,982.49*	
		For Stainless Steel Support Structure, Add	*31,964.99*	
23 65 14 13-0027	EA	800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	133,938.83	10,944.37
		For Polymer Coating Over Galvanized Components, Add	*17,515.36*	
		For Stainless Steel Support Structure, Add	*35,030.71*	
23 65 14 13-0028	EA	900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	147,972.69	12,051.52
		For Polymer Coating Over Galvanized Components, Add	*19,359.08*	
		For Stainless Steel Support Structure, Add	*38,718.16*	

23 65 14 13-0029 Draw-Thru Fiberglass Packaged Propeller Type Cooling Towers *(23 65 14 13)*

Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0030	EA	5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	2,852.72	562.65
23 65 14 13-0031	EA	8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	3,177.94	698.77
23 65 14 13-0032	EA	10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	3,840.43	789.52
23 65 14 13-0033	EA	15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,454.20	862.11
23 65 14 13-0034	EA	20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,830.65	934.72
23 65 14 13-0035	EA	25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	6,235.33	1,025.46
23 65 14 13-0036	EA	30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,121.73	1,334.01
23 65 14 13-0037	EA	40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	8,170.92	1,216.04
23 65 14 13-0038	EA	50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	9,204.18	1,397.54
23 65 14 13-0039	EA	60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	10,403.58	1,560.89
23 65 14 13-0040	EA	70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	12,045.07	1,724.24
23 65 14 13-0041	EA	80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	13,717.64	2,187.07
23 65 14 13-0042	EA	100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	16,212.87	2,468.38
23 65 14 13-0043	EA	125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	19,933.35	2,740.63
23 65 14 13-0044	EA	150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	22,041.74	2,876.76
23 65 14 13-0045	EA	175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	26,364.65	3,003.80
23 65 14 13-0046	EA	200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	29,072.93	3,139.93
23 65 14 13-0047	EA	225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	31,696.94	3,276.06
23 65 14 13-0048	EA	250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	34,400.76	3,539.23
23 65 14 13-0049	EA	300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	40,002.88	3,947.60
23 65 14 13-0050	EA	350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	45,347.20	4,365.05
23 65 14 13-0051	EA	400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	51,076.36	5,172.72
23 65 14 13-0052	EA	500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	61,764.99	6,007.61
23 65 14 13-0053	EA	600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	70,745.65	6,515.81
23 65 14 13-0054	EA	700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	79,605.55	7,377.92
23 65 14 13-0055	EA	800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	87,704.44	8,249.12
23 65 14 13-0056	EA	1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	103,987.05	9,120.32

23 65 14 13-0057 Stainless Steel Packaged Propeller Type Cooling Towers *(23 65 14 13)*

Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

23 65 14 13-0058 Draw-Thru Stainless Steel Propeller Type Cooling Towers *(23 65 14 13-0057)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 65 14 13-0059	EA	50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	27,803.72	1,506.44
23 65 14 13-0060	EA	75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	39,489.28	1,842.21
23 65 14 13-0061	EA	100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	46,570.51	2,314.11
23 65 14 13-0062	EA	125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	52,789.92	2,586.35
23 65 14 13-0063	EA	150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	57,918.51	2,913.05
23 65 14 13-0064	EA	200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	69,466.15	3,639.05
23 65 14 13-0065	EA	250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	81,781.85	4,555.62
23 65 14 13-0066	EA	300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	97,004.67	5,971.31
23 65 14 13-0067	EA	350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	106,214.97	6,724.54
23 65 14 13-0068	EA	400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	120,396.20	7,377.92
23 65 14 13-0069	EA	500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	139,595.04	8,866.21
23 65 14 13-0070	EA	600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	157,548.49	9,601.28
23 65 14 13-0071	EA	750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	194,748.49	10,436.19
23 65 14 13-0072	EA	1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	247,992.38	13,176.82

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 13-0073		**Belt Driven Stainless Steel Propeller Type Cooling Towers** *(23 65 14 13-0057)* Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.		
23 65 14 13-0074	EA	100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	48,499.54	2,314.11
23 65 14 13-0075	EA	125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	52,489.63	2,586.35
23 65 14 13-0076	EA	150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	56,573.74	2,913.05
23 65 14 13-0077	EA	200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	66,923.49	3,639.05
23 65 14 13-0078	EA	250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	73,820.95	4,555.62
23 65 14 14		**Open-Circuit, Induced-Draft Crossflow Cooling Towers** *(23 65 14)*		
23 65 14 14-0001		**Induced Draft Crossflow Film Filled Propeller Type Cooling Towers** *(23 65 14 14)* Note: Galvanized Steel. Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.		
23 65 14 14-0002	EA	10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	6,780.65	1,016.39
		For Polymer Coating Over Galvanized Components, Add	*788.41*	
		For Stainless Steel Support Structure, Add	*1,576.82*	
23 65 14 14-0003	EA	15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	7,317.64	1,034.55
		For Polymer Coating Over Galvanized Components, Add	*866.24*	
		For Stainless Steel Support Structure, Add	*1,732.47*	
23 65 14 14-0004	EA	20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	7,959.11	1,125.30
		For Polymer Coating Over Galvanized Components, Add	*940.68*	
		For Stainless Steel Support Structure, Add	*1,881.35*	
23 65 14 14-0005	EA	25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,304.05	1,179.74
		For Polymer Coating Over Galvanized Components, Add	*1,130.17*	
		For Stainless Steel Support Structure, Add	*2,260.33*	
23 65 14 14-0006	EA	30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	10,536.19	1,234.19
		For Polymer Coating Over Galvanized Components, Add	*1,302.74*	
		For Stainless Steel Support Structure, Add	*2,605.47*	
23 65 14 14-0007	EA	35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	11,741.38	1,297.72
		For Polymer Coating Over Galvanized Components, Add	*1,468.54*	
		For Stainless Steel Support Structure, Add	*2,937.08*	
23 65 14 14-0008	EA	40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	12,847.24	1,361.24
		For Polymer Coating Over Galvanized Components, Add	*1,620.81*	
		For Stainless Steel Support Structure, Add	*3,241.61*	
23 65 14 14-0009	EA	45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	14,074.98	1,433.84
		For Polymer Coating Over Galvanized Components, Add	*1,789.99*	
		For Stainless Steel Support Structure, Add	*3,579.99*	
23 65 14 14-0010	EA	50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	15,275.74	1,506.44
		For Polymer Coating Over Galvanized Components, Add	*1,952.41*	
		For Stainless Steel Support Structure, Add	*3,904.82*	
23 65 14 14-0011	EA	60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	17,636.31	1,624.42
		For Polymer Coating Over Galvanized Components, Add	*2,280.63*	
		For Stainless Steel Support Structure, Add	*4,561.27*	
23 65 14 14-0012	EA	70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	20,195.50	1,751.46
		For Polymer Coating Over Galvanized Components, Add	*2,635.93*	
		For Stainless Steel Support Structure, Add	*5,271.85*	
23 65 14 14-0013	EA	75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	21,382.77	1,842.21
		For Polymer Coating Over Galvanized Components, Add	*2,794.96*	
		For Stainless Steel Support Structure, Add	*5,589.92*	
23 65 14 14-0014	EA	80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	22,678.96	1,996.48
		For Polymer Coating Over Galvanized Components, Add	*2,954.00*	
		For Stainless Steel Support Structure, Add	*5,907.99*	
23 65 14 14-0015	EA	90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	23,636.77	2,150.76
		For Polymer Coating Over Galvanized Components, Add	*3,062.28*	
		For Stainless Steel Support Structure, Add	*6,124.55*	
23 65 14 14-0016	EA	100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	25,421.71	2,314.11
		For Polymer Coating Over Galvanized Components, Add	*3,255.15*	
		For Stainless Steel Support Structure, Add	*6,510.30*	
23 65 14 14-0017	EA	125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	26,466.38	2,586.35
		For Polymer Coating Over Galvanized Components, Add	*3,346.51*	
		For Stainless Steel Support Structure, Add	*6,693.02*	
23 65 14 14-0018	EA	150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	30,737.39	2,913.05
		For Polymer Coating Over Galvanized Components, Add	*3,908.21*	
		For Stainless Steel Support Structure, Add	*7,816.42*	
23 65 14 14-0019	EA	175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	33,961.91	3,266.98
		For Polymer Coating Over Galvanized Components, Add	*4,307.49*	
		For Stainless Steel Support Structure, Add	*8,614.98*	
23 65 14 14-0020	EA	200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	35,756.43	3,639.05
		For Polymer Coating Over Galvanized Components, Add	*4,486.83*	
		For Stainless Steel Support Structure, Add	*8,973.65*	
23 65 14 14-0021	EA	225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	41,328.04	4,101.88
		For Polymer Coating Over Galvanized Components, Add	*5,210.94*	
		For Stainless Steel Support Structure, Add	*10,421.89*	
23 65 14 14-0022	EA	250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	45,311.49	4,555.62
		For Polymer Coating Over Galvanized Components, Add	*5,698.20*	
		For Stainless Steel Support Structure, Add	*11,396.40*	
23 65 14 14-0023	EA	275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	48,472.71	5,390.51
		For Polymer Coating Over Galvanized Components, Add	*5,972.28*	
		For Stainless Steel Support Structure, Add	*11,944.57*	
23 65 14 14-0024	EA	300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	52,303.95	5,971.31
		For Polymer Coating Over Galvanized Components, Add	*6,405.40*	
		For Stainless Steel Support Structure, Add	*12,810.80*	
23 65 14 14-0025	EA	350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	59,782.10	6,724.54
		For Polymer Coating Over Galvanized Components, Add	*7,346.08*	
		For Stainless Steel Support Structure, Add	*14,692.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0026	EA	400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	65,901.33	7,377.92
		For Polymer Coating Over Galvanized Components, Add	*8,107.42*	
		For Stainless Steel Support Structure, Add	*16,214.84*	
23 65 14 14-0027	EA	450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	72,843.00	8,176.52
		For Polymer Coating Over Galvanized Components, Add	*8,956.73*	
		For Stainless Steel Support Structure, Add	*17,913.47*	
23 65 14 14-0028	EA	500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	79,373.17	8,866.21
		For Polymer Coating Over Galvanized Components, Add	*9,768.83*	
		For Stainless Steel Support Structure, Add	*19,537.66*	
23 65 14 14-0029	EA	600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	90,704.11	9,601.28
		For Polymer Coating Over Galvanized Components, Add	*11,291.51*	
		For Stainless Steel Support Structure, Add	*22,583.01*	
23 65 14 14-0030	EA	700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	101,699.80	9,927.98
		For Polymer Coating Over Galvanized Components, Add	*12,919.08*	
		For Stainless Steel Support Structure, Add	*25,838.16*	
23 65 14 14-0031	EA	800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	113,673.77	10,944.37
		For Polymer Coating Over Galvanized Components, Add	*14,475.60*	
		For Stainless Steel Support Structure, Add	*28,951.19*	
23 65 14 14-0032	EA	900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	125,296.64	12,051.52
		For Polymer Coating Over Galvanized Components, Add	*15,957.67*	
		For Stainless Steel Support Structure, Add	*31,915.34*	
23 65 14 14-0033	EA	1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	136,690.82	13,322.02
		For Polymer Coating Over Galvanized Components, Add	*17,368.69*	
		For Stainless Steel Support Structure, Add	*34,737.37*	
23 65 14 14-0034	EA	1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	149,586.31	13,966.34
		For Polymer Coating Over Galvanized Components, Add	*19,151.91*	
		For Stainless Steel Support Structure, Add	*38,303.82*	
23 65 14 14-0035	EA	1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	162,021.32	14,565.28
		For Polymer Coating Over Galvanized Components, Add	*20,874.23*	
		For Stainless Steel Support Structure, Add	*41,748.46*	
23 65 14 14-0036	EA	1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	172,350.58	15,817.61
		For Polymer Coating Over Galvanized Components, Add	*22,129.59*	
		For Stainless Steel Support Structure, Add	*44,259.19*	
23 65 14 14-0037	EA	1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	182,351.34	17,160.71
		For Polymer Coating Over Galvanized Components, Add	*23,313.90*	
		For Stainless Steel Support Structure, Add	*46,627.80*	
23 65 14 14-0038	EA	1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	191,996.36	18,576.39
		For Polymer Coating Over Galvanized Components, Add	*24,427.15*	
		For Stainless Steel Support Structure, Add	*48,854.30*	
23 65 14 14-0039	EA	1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	200,895.66	19,855.97
		For Polymer Coating Over Galvanized Components, Add	*25,462.57*	
		For Stainless Steel Support Structure, Add	*50,925.14*	
23 65 14 14-0040	EA	1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	209,598.14	21,317.03
		For Polymer Coating Over Galvanized Components, Add	*26,423.55*	
		For Stainless Steel Support Structure, Add	*52,847.09*	
23 65 14 14-0041	EA	1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	218,189.88	23,004.98
		For Polymer Coating Over Galvanized Components, Add	*27,313.47*	
		For Stainless Steel Support Structure, Add	*54,626.94*	
23 65 14 14-0042	EA	1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	226,253.76	24,692.91
		For Polymer Coating Over Galvanized Components, Add	*28,125.56*	
		For Stainless Steel Support Structure, Add	*56,251.13*	
23 65 14 14-0043	EA	2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	234,805.85	26,997.95
		For Polymer Coating Over Galvanized Components, Add	*28,866.60*	
		For Stainless Steel Support Structure, Add	*57,733.20*	

23 65 14 14-0044 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers *(23 65 14 14)*

Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 65 14 14-0045	EA	100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	66,063.12	2,314.11
		For Induced Draft Counter Flow Type, Add	*3,117.12*	
23 65 14 14-0046	EA	125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	74,874.14	2,568.21
		For Induced Draft Counter Flow Type, Add	*3,535.89*	
23 65 14 14-0047	EA	150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	81,837.10	2,913.05
		For Induced Draft Counter Flow Type, Add	*3,857.72*	
23 65 14 14-0048	EA	200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	91,011.81	3,639.05
		For Induced Draft Counter Flow Type, Add	*4,258.38*	
23 65 14 14-0049	EA	250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	103,128.41	4,555.62
		For Induced Draft Counter Flow Type, Add	*4,790.25*	
23 65 14 14-0050	EA	300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	118,472.00	5,971.31
		For Induced Draft Counter Flow Type, Add	*5,443.54*	
23 65 14 14-0051	EA	350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	129,092.35	6,724.54
		For Induced Draft Counter Flow Type, Add	*5,914.21*	
23 65 14 14-0052	EA	400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	139,549.35	7,377.92
		For Induced Draft Counter Flow Type, Add	*6,384.87*	
23 65 14 14-0053	EA	500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	161,101.54	8,866.21
		For Induced Draft Counter Flow Type, Add	*7,342.69*	
23 65 14 14-0054	EA	600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	181,930.29	9,601.28
		For Induced Draft Counter Flow Type, Add	*8,325.14*	
23 65 14 14-0055	EA	750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	225,202.47	10,436.19
		For Induced Draft Counter Flow Type, Add	*10,398.00*	
23 65 14 14-0056	EA	1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	292,225.15	13,322.02
		For Induced Draft Counter Flow Type, Add	*13,566.28*	

23 65 43 Cooling Tower Basins And Accessories *(23 65)*

23 65 43 00-0001 Fiberglass Cooling Tower Sump Basins *(23 65 43)*

Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 43 00-0002	EA	30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	949.97	
		For Anti-Flotation Flanges, Add	*115.00*	
		For Perforated Basins, Add	*80.00*	
23 65 43 00-0003	EA	30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,077.16	
		For Anti-Flotation Flanges, Add	*115.00*	
		For Perforated Basins, Add	*80.00*	
23 65 43 00-0004	EA	36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,048.34	
		For Anti-Flotation Flanges, Add	*253.00*	
		For Perforated Basins, Add	*80.00*	
23 65 43 00-0005	EA	36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,234.16	
		For Anti-Flotation Flanges, Add	*253.00*	
		For Perforated Basins, Add	*80.00*	
23 65 43 00-0006	EA	42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,344.78	
		For Anti-Flotation Flanges, Add	*276.00*	
		For Perforated Basins, Add	*100.00*	
23 65 43 00-0007	EA	42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,490.19	
		For Anti-Flotation Flanges, Add	*276.00*	
		For Perforated Basins, Add	*100.00*	
23 65 43 00-0008	EA	42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,635.60	
		For Anti-Flotation Flanges, Add	*276.00*	
		For Perforated Basins, Add	*100.00*	
23 65 43 00-0009	EA	48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,638.27	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 43 00-0010	EA	48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,805.21	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 43 00-0011	EA	48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,064.56	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 43 00-0012	EA	48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,325.56	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	
23 65 43 00-0013	EA	48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,489.19	
		For Anti-Flotation Flanges, Add	*294.00*	
		For Perforated Basins, Add	*140.00*	

23 70 Central HVAC Equipment *(23)*

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 71 Thermal Storage *(23 70)*

23 71 13 Thermal Heat Storage *(23 71)*

23 71 13 23 Pressurized-Water Thermal Storage Tanks *(23 71 13)*

23 71 13 23-0001 Nickelshield Storage Tanks *(23 71 13 23)*

23 71 13 23-0002	EA	325 Gallon Nickelshield Storage Tank	17,163.33	168.38
23 71 13 23-0003	EA	490 Gallon Nickelshield Storage Tank	23,946.52	223.25
23 71 13 23-0004	EA	605 Gallon Nickelshield Storage Tank	27,421.15	270.02
23 71 13 23-0005	EA	740 Gallon Nickelshield Storage Tank	32,474.35	337.53
23 71 13 23-0006	EA	940 Gallon Nickelshield Storage Tank	37,804.67	448.68
23 71 13 23-0007	EA	1,505 Gallon Nickelshield Storage Tank	48,884.25	675.13
23 71 13 23-0008	EA	1,615 Gallon Nickelshield Storage Tank	55,202.15	760.42
23 71 13 23-0009	EA	2,275 Gallon Nickelshield Storage Tank	75,793.47	1,010.04
23 71 13 23-0010	EA	3,815 Gallon Nickelshield Storage Tank	98,016.52	1,174.21

23 72 Air-To-Air Energy Recovery Equipment *(23 70)*

23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment *(23 72)*

23 72 13 00-0001 Enthalpy Recovery Wheel *(23 72 13)*

23 72 13 00-0002	EA	Up To 1,000 CFM Enthalpy Recovery Wheel	6,440.76	648.66
23 72 13 00-0003	EA	>1,000 To 2,000 CFM Enthalpy Recovery Wheel	7,185.28	778.59
23 72 13 00-0004	EA	>2,000 To 4,000 CFM Enthalpy Recovery Wheel	8,990.30	973.23
23 72 13 00-0005	EA	>4,000 To 6,000 CFM Enthalpy Recovery Wheel	10,497.74	1,111.91
23 72 13 00-0006	EA	>6,000 To 8,000 CFM Enthalpy Recovery Wheel	11,577.71	1,167.88
23 72 13 00-0007	EA	>8,000 To 10,000 CFM Enthalpy Recovery Wheel	13,998.21	1,297.80
23 72 13 00-0008	EA	>10,000 To 15,000 CFM Enthalpy Recovery Wheel	18,377.59	1,362.52
23 72 13 00-0009	EA	>15,000 To 20,000 CFM Enthalpy Recovery Wheel	22,747.97	1,459.85
23 72 13 00-0010	EA	>20,000 To 25,000 CFM Enthalpy Recovery Wheel	27,487.86	1,668.11
23 72 13 00-0011	EA	>25,000 To 30,000 CFM Enthalpy Recovery Wheel	30,968.19	2,141.11
23 72 13 00-0012	EA	>30,000 To 40,000 CFM Enthalpy Recovery Wheel	41,240.69	2,433.08
23 72 13 00-0013	EA	>40,000 To 50,000 CFM Enthalpy Recovery Wheel	49,066.75	2,919.69

23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment *(23 72)*

23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient *(23 72 16)*

23 72 16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit	11,200.76	486.61
23 72 16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit	17,541.37	648.85
23 72 16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit	26,011.25	973.23

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 73 Indoor Central-Station Air-Handling Units *(23 70)*

23 73 13 Modular Indoor Central-Station Air-Handling Units *(23 73)*

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001 Single Zone Units *(23 73 13)*

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,053.50	507.40
		For Flat Filter Box And Throwaway Filters, Add	*169.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*316.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*471.08*	
		For Manual Roll Filter, Add	*803.24*	
		For Automatic Roll Filter, Add	*869.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*404.65*	
		For Electric Heating Coil, Add	*670.37*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*670.37*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*603.94*	
		For Steam Heating Coil, Aluminum Fins, Add	*537.51*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*434.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*803.24*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*736.81*	
		For Hot Water Heating Coil, Copper Fins, Add	*537.51*	
		For Variable Air Volume, Add	*186.01*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,147.40*	
		For 2 Coils, Independent Circuits, Add	*231.92*	
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,219.81	608.89
		For Flat Filter Box And Throwaway Filters, Add	*278.52*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*530.97*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*792.12*	
		For Manual Roll Filter, Add	*1,379.78*	
		For Automatic Roll Filter, Add	*1,497.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*674.58*	
		For Electric Heating Coil, Add	*1,144.72*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,144.72*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,027.18*	
		For Steam Heating Coil, Aluminum Fins, Add	*909.65*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*748.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,379.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,262.25*	
		For Hot Water Heating Coil, Copper Fins, Add	*909.65*	
		For Variable Air Volume, Add	*329.09*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,248.40*	
		For 2 Coils, Independent Circuits, Add	*368.99*	
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,635.57	653.92
		For Flat Filter Box And Throwaway Filters, Add	*316.85*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*605.68*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*903.85*	
		For Manual Roll Filter, Add	*1,579.22*	
		For Automatic Roll Filter, Add	*1,714.29*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*768.78*	
		For Electric Heating Coil, Add	*1,309.07*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,309.07*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,174.00*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,038.92*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*857.15*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,579.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,444.15*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,038.92*	
		For Variable Air Volume, Add	*378.21*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,293.87*	
		For 2 Coils, Independent Circuits, Add	*417.59*	
23 73 13 00-0005	EA	1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,097.68	702.66
		For Flat Filter Box And Throwaway Filters, Add	*359.57*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*689.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,028.51*	
		For Manual Roll Filter, Add	*1,801.94*	
		For Automatic Roll Filter, Add	*1,956.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*873.82*	
		For Electric Heating Coil, Add	*1,492.57*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,492.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,337.88*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,183.20*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*978.31*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,801.94*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,647.25*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,183.20*	
		For Variable Air Volume, Add	*433.12*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,342.78*	
		For 2 Coils, Independent Circuits, Add	*471.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0006	EA	1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,641.95	755.94
		For Flat Filter Box And Throwaway Filters, Add	*410.26*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*788.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,176.85*	
		For Manual Roll Filter, Add	*2,067.68*	
		For Automatic Roll Filter, Add	*2,245.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*998.69*	
		For Electric Heating Coil, Add	*1,711.35*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,711.35*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,533.18*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,355.02*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,122.92*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,067.68*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,889.51*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,355.02*	
		For Variable Air Volume, Add	*498.86*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,395.06*	
		For 2 Coils, Independent Circuits, Add	*535.46*	
23 73 13 00-0007	EA	1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,276.26	812.39
		For Flat Filter Box And Throwaway Filters, Add	*469.60*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*904.38*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,350.77*	
		For Manual Roll Filter, Add	*2,379.71*	
		For Automatic Roll Filter, Add	*2,585.50*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,144.99*	
		For Electric Heating Coil, Add	*1,968.14*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,968.14*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,762.35*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,556.56*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,292.75*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,379.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,173.92*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,556.56*	
		For Variable Air Volume, Add	*576.20*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,452.36*	
		For 2 Coils, Independent Circuits, Add	*609.94*	
23 73 13 00-0008	EA	1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,775.12	873.37
		For Flat Filter Box And Throwaway Filters, Add	*515.26*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*993.17*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,483.53*	
		For Manual Roll Filter, Add	*2,616.05*	
		For Automatic Roll Filter, Add	*2,842.55*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,257.02*	
		For Electric Heating Coil, Add	*2,163.04*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,163.04*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,936.54*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,710.03*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,421.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,616.05*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,389.54*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,710.03*	
		For Variable Air Volume, Add	*634.21*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,511.53*	
		For 2 Coils, Independent Circuits, Add	*668.11*	
23 73 13 00-0009	EA	1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,316.37	941.23
		For Flat Filter Box And Throwaway Filters, Add	*564.42*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,088.51*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,626.05*	
		For Manual Roll Filter, Add	*2,869.06*	
		For Automatic Roll Filter, Add	*3,117.66*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,377.44*	
		For Electric Heating Coil, Add	*2,371.85*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,371.85*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,123.25*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,874.65*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,558.83*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,869.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,620.45*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,874.65*	
		For Variable Air Volume, Add	*696.09*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,489.38*	
		For 2 Coils, Independent Circuits, Add	*731.08*	
23 73 13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,910.89	1,009.10
		For Flat Filter Box And Throwaway Filters, Add	*619.01*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,194.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,784.94*	
		For Manual Roll Filter, Add	*3,152.25*	
		For Automatic Roll Filter, Add	*3,425.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,511.48*	
		For Electric Heating Coil, Add	*2,605.32*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,605.32*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,331.86*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,058.40*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,712.85*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,152.25*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,878.79*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,058.40*	
		For Variable Air Volume, Add	*765.69*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,542.91*	
		For 2 Coils, Independent Circuits, Add	*800.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,460.72	1,084.67
		For Flat Filter Box And Throwaway Filters, Add	*668.60*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,290.71*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,928.31*	
		For Manual Roll Filter, Add	*3,406.11*	
		For Automatic Roll Filter, Add	*3,701.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,632.75*	
		For Electric Heating Coil, Add	*2,814.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,814.99*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,519.43*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,223.87*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,850.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,406.11*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,110.55*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,223.87*	
		For Variable Air Volume, Add	*827.57*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,602.24*	
		For 2 Coils, Independent Circuits, Add	*864.30*	
23 73 13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,047.90	1,167.12
		For Flat Filter Box And Throwaway Filters, Add	*721.43*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,392.85*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,080.95*	
		For Manual Roll Filter, Add	*3,676.14*	
		For Automatic Roll Filter, Add	*3,995.18*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,761.91*	
		For Electric Heating Coil, Add	*3,038.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,038.06*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,719.02*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,399.99*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,997.59*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,676.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,357.10*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,399.99*	
		For Variable Air Volume, Add	*893.31*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,666.92*	
		For 2 Coils, Independent Circuits, Add	*932.41*	
23 73 13 00-0013	EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,360.31	1,350.96
		For Flat Filter Box And Throwaway Filters, Add	*839.54*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,621.18*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,422.12*	
		For Manual Roll Filter, Add	*4,279.72*	
		For Automatic Roll Filter, Add	*4,651.25*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,050.60*	
		For Electric Heating Coil, Add	*3,536.68*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,536.68*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,165.16*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,793.64*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,325.62*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,279.72*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,908.20*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,793.64*	
		For Variable Air Volume, Add	*1,040.26*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,811.43*	
		For 2 Coils, Independent Circuits, Add	*1,084.64*	
23 73 13 00-0014	EA	3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,808.87	1,451.81
		For Flat Filter Box And Throwaway Filters, Add	*877.16*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,692.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,527.74*	
		For Manual Roll Filter, Add	*4,461.31*	
		For Automatic Roll Filter, Add	*4,848.03*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,141.03*	
		For Electric Heating Coil, Add	*3,687.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,687.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,301.17*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,914.46*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,424.01*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,461.31*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,074.60*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,914.46*	
		For Variable Air Volume, Add	*1,082.80*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,891.02*	
		For 2 Coils, Independent Circuits, Add	*1,135.57*	
23 73 13 00-0015	EA	3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,267.11	1,560.26
		For Flat Filter Box And Throwaway Filters, Add	*915.26*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,763.65*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,634.34*	
		For Manual Roll Filter, Add	*4,643.87*	
		For Automatic Roll Filter, Add	*5,045.78*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,232.43*	
		For Electric Heating Coil, Add	*3,840.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,840.06*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,438.15*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,036.24*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,522.89*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,643.87*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,241.96*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,036.24*	
		For Variable Air Volume, Add	*1,125.34*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,975.94*	
		For 2 Coils, Independent Circuits, Add	*1,187.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0016	EA	4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,275.15	1,801.28
		For Flat Filter Box And Throwaway Filters, Add	*998.81*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,920.40*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,867.73*	
		For Manual Roll Filter, Add	*5,042.99*	
		For Automatic Roll Filter, Add	*5,478.05*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,432.67*	
		For Electric Heating Coil, Add	*4,172.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,172.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,737.83*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,302.78*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,739.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,042.99*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,607.94*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,302.78*	
		For Variable Air Volume, Add	*1,218.15*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,969.64*	
		For 2 Coils, Independent Circuits, Add	*1,301.54*	
23 73 13 00-0017	EA	4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,275.15	1,801.28
		For Flat Filter Box And Throwaway Filters, Add	*998.81*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,920.40*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,867.73*	
		For Manual Roll Filter, Add	*5,042.99*	
		For Automatic Roll Filter, Add	*5,478.05*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,432.67*	
		For Electric Heating Coil, Add	*4,172.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,172.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,737.83*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,302.78*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,739.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,042.99*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,607.94*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,302.78*	
		For Variable Air Volume, Add	*1,218.15*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,969.64*	
		For 2 Coils, Independent Circuits, Add	*1,301.54*	
23 73 13 00-0018	EA	5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,375.46	2,068.94
		For Flat Filter Box And Throwaway Filters, Add	*1,089.74*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,090.78*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,121.40*	
		For Manual Roll Filter, Add	*5,476.21*	
		For Automatic Roll Filter, Add	*5,947.17*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,650.43*	
		For Electric Heating Coil, Add	*4,534.28*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,534.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,063.32*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,592.36*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,973.59*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,476.21*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,005.25*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,592.36*	
		For Variable Air Volume, Add	*1,318.70*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,122.48*	
		For 2 Coils, Independent Circuits, Add	*1,425.93*	
23 73 13 00-0019	EA	5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,013.31	2,244.63
		For Flat Filter Box And Throwaway Filters, Add	*1,140.96*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,185.71*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,262.52*	
		For Manual Roll Filter, Add	*5,714.01*	
		For Automatic Roll Filter, Add	*6,204.31*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,772.23*	
		For Electric Heating Coil, Add	*4,733.42*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,733.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,243.12*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,752.82*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,102.16*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,714.01*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,223.72*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,752.82*	
		For Variable Air Volume, Add	*1,372.83*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,222.94*	
		For 2 Coils, Independent Circuits, Add	*1,497.45*	
23 73 13 00-0020	EA	6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,637.85	2,411.44
		For Flat Filter Box And Throwaway Filters, Add	*1,191.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,279.70*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,402.32*	
		For Manual Roll Filter, Add	*5,950.49*	
		For Automatic Roll Filter, Add	*6,460.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,892.69*	
		For Electric Heating Coil, Add	*4,931.22*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,931.22*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,421.59*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,911.96*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,230.06*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,950.49*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,440.86*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,911.96*	
		For Variable Air Volume, Add	*1,426.98*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,318.07*	
		For 2 Coils, Independent Circuits, Add	*1,567.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0021	EA	6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,266.38	2,581.42
		For Flat Filter Box And Throwaway Filters, Add	*1,242.29*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,373.97*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,542.52*	
		For Manual Roll Filter, Add	*6,187.36*	
		For Automatic Roll Filter, Add	*6,716.33*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,013.55*	
		For Electric Heating Coil, Add	*5,129.42*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,129.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,600.46*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,071.49*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,358.17*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,187.36*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,658.39*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,071.49*	
		For Variable Air Volume, Add	*1,481.11*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,414.80*	
		For 2 Coils, Independent Circuits, Add	*1,638.23*	
23 73 13 00-0022	EA	7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,991.02	2,778.67
		For Flat Filter Box And Throwaway Filters, Add	*1,300.62*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,482.15*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,703.37*	
		For Manual Roll Filter, Add	*6,458.71*	
		For Automatic Roll Filter, Add	*7,009.78*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,152.30*	
		For Electric Heating Coil, Add	*5,356.57*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,356.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,805.51*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,254.44*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,504.89*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,458.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,907.64*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,254.44*	
		For Variable Air Volume, Add	*1,542.99*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,527.87*	
		For 2 Coils, Independent Circuits, Add	*1,719.53*	
23 73 13 00-0023	EA	7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,727.20	2,977.19
		For Flat Filter Box And Throwaway Filters, Add	*1,359.53*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,591.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,865.38*	
		For Manual Roll Filter, Add	*6,731.21*	
		For Automatic Roll Filter, Add	*7,304.38*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,292.22*	
		For Electric Heating Coil, Add	*5,584.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,584.88*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,011.71*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,438.55*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,652.19*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,731.21*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,158.04*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,438.55*	
		For Variable Air Volume, Add	*1,604.86*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,459.17*	
		For 2 Coils, Independent Circuits, Add	*1,801.99*	
23 73 13 00-0024	EA	8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,487.21	3,206.06
		For Flat Filter Box And Throwaway Filters, Add	*1,419.62*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,701.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,029.78*	
		For Manual Roll Filter, Add	*7,006.09*	
		For Automatic Roll Filter, Add	*7,601.36*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,434.51*	
		For Electric Heating Coil, Add	*5,815.57*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,815.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,220.30*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,625.04*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,800.68*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,006.09*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,410.83*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,625.04*	
		For Variable Air Volume, Add	*1,666.74*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,554.58*	
		For 2 Coils, Independent Circuits, Add	*1,886.83*	
23 73 13 00-0025	EA	9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,353.72	3,473.18
		For Flat Filter Box And Throwaway Filters, Add	*1,487.81*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,827.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,215.87*	
		For Manual Roll Filter, Add	*7,316.48*	
		For Automatic Roll Filter, Add	*7,936.61*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,595.74*	
		For Electric Heating Coil, Add	*6,076.24*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,076.24*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,456.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,835.99*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,968.30*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,316.48*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,696.36*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,835.99*	
		For Variable Air Volume, Add	*1,736.35*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,665.38*	
		For 2 Coils, Independent Circuits, Add	*1,983.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,198.37	3,708.22
		For Flat Filter Box And Throwaway Filters, Add	*1,554.90*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,950.84*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,399.77*	
		For Manual Roll Filter, Add	*7,624.69*	
		For Automatic Roll Filter, Add	*8,269.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,754.79*	
		For Electric Heating Coil, Add	*6,334.72*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,334.72*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,689.74*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,044.75*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,134.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,624.69*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,979.71*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,044.75*	
		For Variable Air Volume, Add	*1,805.95*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,769.61*	
		For 2 Coils, Independent Circuits, Add	*2,077.83*	
23 73 13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,260.13	3,590.52
		For Flat Filter Box And Throwaway Filters, Add	*1,570.42*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,987.48*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,455.67*	
		For Manual Roll Filter, Add	*7,742.73*	
		For Automatic Roll Filter, Add	*8,400.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,798.25*	
		For Electric Heating Coil, Add	*6,427.91*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,427.91*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,770.49*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,113.08*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,200.07*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,742.73*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,085.32*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,113.08*	
		For Variable Air Volume, Add	*1,840.76*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,713.56*	
		For 2 Coils, Independent Circuits, Add	*2,088.98*	
23 73 13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,086.54	3,983.57
		For Flat Filter Box And Throwaway Filters, Add	*1,624.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,077.65*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,588.03*	
		For Manual Roll Filter, Add	*7,937.25*	
		For Automatic Roll Filter, Add	*8,607.09*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,918.19*	
		For Electric Heating Coil, Add	*6,597.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,597.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,927.72*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,257.87*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,303.55*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,937.25*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,267.41*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,257.87*	
		For Variable Air Volume, Add	*1,875.56*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,886.90*	
		For 2 Coils, Independent Circuits, Add	*2,176.59*	
23 73 13 00-0029	EA	13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	20,091.12	4,143.59
		For Flat Filter Box And Throwaway Filters, Add	*1,714.45*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,252.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,848.70*	
		For Manual Roll Filter, Add	*8,398.18*	
		For Automatic Roll Filter, Add	*9,108.08*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,138.80*	
		For Electric Heating Coil, Add	*6,978.39*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,978.39*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,268.49*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,558.59*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,554.04*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,398.18*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,688.28*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,558.59*	
		For Variable Air Volume, Add	*1,987.71*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,578.64*	
		For 2 Coils, Independent Circuits, Add	*2,293.07*	
23 73 13 00-0030	EA	15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,152.31	4,304.05
		For Flat Filter Box And Throwaway Filters, Add	*1,807.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,430.53*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,115.03*	
		For Manual Roll Filter, Add	*8,864.77*	
		For Automatic Roll Filter, Add	*9,614.72*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,365.08*	
		For Electric Heating Coil, Add	*7,364.87*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,364.87*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,614.93*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,864.98*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,807.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,864.77*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,114.82*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,864.98*	
		For Variable Air Volume, Add	*2,099.86*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,630.67*	
		For 2 Coils, Independent Circuits, Add	*2,415.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0031	EA	16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	22,271.44	4,469.59
		For Flat Filter Box And Throwaway Filters, Add	*1,909.10*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,627.37*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,409.25*	
		For Manual Roll Filter, Add	*9,386.88*	
		For Automatic Roll Filter, Add	*10,182.40*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,613.72*	
		For Electric Heating Coil, Add	*7,795.83*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,795.83*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,000.30*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,204.77*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,091.20*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,386.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,591.35*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,204.77*	
		For Variable Air Volume, Add	*2,227.47*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,672.18*	
		For 2 Coils, Independent Circuits, Add	*2,545.35*	
23 73 13 00-0032	EA	17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	23,441.13	4,635.32
		For Flat Filter Box And Throwaway Filters, Add	*2,013.16*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,827.75*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,708.53*	
		For Manual Roll Filter, Add	*9,914.04*	
		For Automatic Roll Filter, Add	*10,755.14*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,867.42*	
		For Electric Heating Coil, Add	*8,231.83*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,231.83*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,390.73*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,549.63*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,377.57*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,914.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,072.94*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,549.63*	
		For Variable Air Volume, Add	*2,355.09*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,723.81*	
		For 2 Coils, Independent Circuits, Add	*2,680.55*	
23 73 13 00-0033	EA	20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	26,107.63	4,969.39
		For Flat Filter Box And Throwaway Filters, Add	*2,255.59*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,298.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,361.82*	
		For Manual Roll Filter, Add	*10,592.54*	
		For Automatic Roll Filter, Add	*11,162.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,511.19*	
		For Electric Heating Coil, Add	*4,891.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,312.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,361.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,411.61*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*5,106.23*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,212.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,262.24*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,361.82*	
		For Variable Air Volume, Add	*2,660.59*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,978.10*	
		For 2 Coils, Independent Circuits, Add	*2,990.85*	
23 73 13 00-0034	EA	22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	28,947.90	5,355.64
		For Flat Filter Box And Throwaway Filters, Add	*2,510.86*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,791.36*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,212.11*	
		For Manual Roll Filter, Add	*11,827.88*	
		For Automatic Roll Filter, Add	*12,465.96*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,021.72*	
		For Electric Heating Coil, Add	*5,447.10*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,275.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,212.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,148.64*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*5,701.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,402.50*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,339.03*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,212.11*	
		For Variable Air Volume, Add	*2,977.70*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,078.76*	
		For 2 Coils, Independent Circuits, Add	*3,320.18*	
23 73 13 00-0035	EA	25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	32,042.08	5,738.46
		For Flat Filter Box And Throwaway Filters, Add	*2,794.01*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,341.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,163.75*	
		For Manual Roll Filter, Add	*13,216.23*	
		For Automatic Roll Filter, Add	*13,931.38*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,588.02*	
		For Electric Heating Coil, Add	*6,064.79*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,355.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,163.75*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,971.84*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*6,369.73*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,739.47*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,547.56*	
		For Hot Water Heating Coil, Copper Fins, Add	*9,163.75*	
		For Variable Air Volume, Add	*3,337.34*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,170.69*	
		For 2 Coils, Independent Circuits, Add	*3,680.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0036	EA	27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	39,320.59	6,180.18
		For Flat Filter Box And Throwaway Filters, Add	*3,490.79*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,716.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,555.85*	
		For Manual Roll Filter, Add	*16,740.03*	
		For Automatic Roll Filter, Add	*17,654.88*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,981.58*	
		For Electric Heating Coil, Add	*7,591.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,080.61*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,555.85*	
		For Steam Heating Coil, Aluminum Fins, Add	*10,031.09*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*8,065.06*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,130.12*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,605.37*	
		For Hot Water Heating Coil, Copper Fins, Add	*11,555.85*	
		For Variable Air Volume, Add	*4,269.32*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,279.45*	
		For 2 Coils, Independent Circuits, Add	*4,541.96*	
23 73 13 00-0037	EA	30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	43,889.30	6,596.43
		For Flat Filter Box And Throwaway Filters, Add	*3,918.10*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,553.71*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*13,007.13*	
		For Manual Roll Filter, Add	*18,867.50*	
		For Automatic Roll Filter, Add	*19,901.69*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,836.21*	
		For Electric Heating Coil, Add	*8,525.66*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,730.77*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,007.13*	
		For Steam Heating Coil, Aluminum Fins, Add	*11,283.49*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*9,089.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,178.05*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,454.41*	
		For Hot Water Heating Coil, Copper Fins, Add	*13,007.13*	
		For Variable Air Volume, Add	*4,826.19*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,177.48*	
		For 2 Coils, Independent Circuits, Add	*5,078.39*	
23 73 13 00-0038	EA	32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	48,068.22	7,103.38
		For Flat Filter Box And Throwaway Filters, Add	*4,299.69*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,295.10*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*14,288.22*	
		For Manual Roll Filter, Add	*20,735.57*	
		For Automatic Roll Filter, Add	*21,873.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,599.38*	
		For Electric Heating Coil, Add	*9,357.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,184.50*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,288.22*	
		For Steam Heating Coil, Aluminum Fins, Add	*12,391.94*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*9,988.53*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,977.06*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,080.78*	
		For Hot Water Heating Coil, Copper Fins, Add	*14,288.22*	
		For Variable Air Volume, Add	*5,309.58*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,286.39*	
		For 2 Coils, Independent Circuits, Add	*5,565.33*	
23 73 13 00-0039	EA	35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	52,729.76	7,843.66
		For Flat Filter Box And Throwaway Filters, Add	*4,721.98*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,113.37*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*15,700.44*	
		For Manual Roll Filter, Add	*22,791.12*	
		For Automatic Roll Filter, Add	*24,042.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,443.96*	
		For Electric Heating Coil, Add	*10,278.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*17,785.93*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,700.44*	
		For Steam Heating Coil, Aluminum Fins, Add	*13,614.95*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*10,978.46*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*21,956.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,871.43*	
		For Hot Water Heating Coil, Copper Fins, Add	*15,700.44*	
		For Variable Air Volume, Add	*5,839.38*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,417.99*	
		For 2 Coils, Independent Circuits, Add	*6,107.17*	
23 73 13 00-0040	EA	37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	56,735.15	8,181.98
		For Flat Filter Box And Throwaway Filters, Add	*5,089.37*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,828.24*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,936.56*	
		For Manual Roll Filter, Add	*24,595.43*	
		For Automatic Roll Filter, Add	*25,947.00*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,178.73*	
		For Electric Heating Coil, Add	*11,079.78*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*19,189.17*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,936.56*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,683.95*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*11,847.19*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*23,694.39*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*21,441.78*	
		For Hot Water Heating Coil, Copper Fins, Add	*16,936.56*	
		For Variable Air Volume, Add	*6,307.31*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,517.45*	
		For 2 Coils, Independent Circuits, Add	*6,574.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	61,188.83	8,752.71
		For Flat Filter Box And Throwaway Filters, Add	*5,491.60*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,606.82*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,279.66*	
		For Manual Roll Filter, Add	*26,548.98*	
		For Automatic Roll Filter, Add	*28,008.27*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,983.19*	
		For Electric Heating Coil, Add	*11,956.05*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,711.81*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*18,279.66*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,847.50*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*12,788.06*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,576.12*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*23,143.96*	
		For Hot Water Heating Coil, Copper Fins, Add	*18,279.66*	
		For Variable Air Volume, Add	*6,810.03*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,398.22*	
		For 2 Coils, Independent Circuits, Add	*7,091.74*	
23 73 13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	66,039.05	9,450.49
		For Flat Filter Box And Throwaway Filters, Add	*5,928.85*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,452.65*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*19,738.37*	
		For Manual Roll Filter, Add	*28,669.80*	
		For Automatic Roll Filter, Add	*30,245.94*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,857.69*	
		For Electric Heating Coil, Add	*12,908.45*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,365.26*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,738.37*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,111.48*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*13,809.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*27,619.05*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*24,992.15*	
		For Hot Water Heating Coil, Copper Fins, Add	*19,738.37*	
		For Variable Air Volume, Add	*7,355.30*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,517.65*	
		For 2 Coils, Independent Circuits, Add	*7,654.66*	
23 73 13 00-0043	EA	47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	68,800.84	9,894.37
		For Flat Filter Box And Throwaway Filters, Add	*6,174.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,926.07*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*20,553.18*	
		For Manual Roll Filter, Add	*29,850.89*	
		For Automatic Roll Filter, Add	*31,491.66*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,349.32*	
		For Electric Heating Coil, Add	*13,443.17*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*23,287.80*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*20,553.18*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,818.56*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*14,378.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*28,757.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*26,022.42*	
		For Hot Water Heating Coil, Copper Fins, Add	*20,553.18*	
		For Variable Air Volume, Add	*7,656.94*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,593.56*	
		For 2 Coils, Independent Circuits, Add	*7,973.93*	
23 73 13 00-0044	EA	50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	71,403.24	10,274.92
		For Flat Filter Box And Throwaway Filters, Add	*6,406.99*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,373.97*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,324.44*	
		For Manual Roll Filter, Add	*30,969.64*	
		For Automatic Roll Filter, Add	*32,671.73*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,813.97*	
		For Electric Heating Coil, Add	*13,948.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*24,161.26*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,324.44*	
		For Steam Heating Coil, Aluminum Fins, Add	*18,487.62*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*14,917.45*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*29,834.91*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*26,998.09*	
		For Hot Water Heating Coil, Copper Fins, Add	*21,324.44*	
		For Variable Air Volume, Add	*7,943.10*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,663.35*	
		For 2 Coils, Independent Circuits, Add	*8,275.05*	
23 73 13 00-0045	EA	55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	76,976.29	10,972.61
		For Flat Filter Box And Throwaway Filters, Add	*6,913.52*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,356.58*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*23,021.17*	
		For Manual Roll Filter, Add	*33,441.18*	
		For Automatic Roll Filter, Add	*35,280.00*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,827.05*	
		For Electric Heating Coil, Add	*15,052.93*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*26,085.88*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*23,021.17*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,956.46*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*16,107.65*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*32,215.29*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*29,150.59*	
		For Hot Water Heating Coil, Copper Fins, Add	*23,021.17*	
		For Variable Air Volume, Add	*8,581.18*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,790.27*	
		For 2 Coils, Independent Circuits, Add	*8,923.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0046	EA	60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	84,177.93	11,733.71
		For Flat Filter Box And Throwaway Filters, Add	*7,578.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,654.29*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,267.47*	
		For Manual Roll Filter, Add	*36,725.26*	
		For Automatic Roll Filter, Add	*38,747.22*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,157.67*	
		For Electric Heating Coil, Add	*16,505.64*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*28,637.41*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*25,267.47*	
		For Steam Heating Coil, Aluminum Fins, Add	*21,897.54*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*17,688.64*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*35,377.28*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*32,007.35*	
		For Hot Water Heating Coil, Copper Fins, Add	*25,267.47*	
		For Variable Air Volume, Add	*9,435.82*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,577.92*	
		For 2 Coils, Independent Circuits, Add	*9,765.77*	
23 73 13 00-0047	EA	65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	92,260.15	12,685.09
		For Flat Filter Box And Throwaway Filters, Add	*8,319.94*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,096.23*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,760.66*	
		For Manual Roll Filter, Add	*40,364.22*	
		For Automatic Roll Filter, Add	*42,588.38*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,639.87*	
		For Electric Heating Coil, Add	*18,122.65*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*31,467.59*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*27,760.66*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,053.73*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*19,440.73*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*38,881.45*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*35,174.52*	
		For Hot Water Heating Coil, Copper Fins, Add	*27,760.66*	
		For Variable Air Volume, Add	*10,379.40*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,712.16*	
		For 2 Coils, Independent Circuits, Add	*10,708.79*	
23 73 13 00-0048	EA	70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	101,266.33	13,763.32
		For Flat Filter Box And Throwaway Filters, Add	*9,141.77*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*17,692.62*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,518.89*	
		For Manual Roll Filter, Add	*44,385.62*	
		For Automatic Roll Filter, Add	*46,832.69*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*18,283.54*	
		For Electric Heating Coil, Add	*19,914.92*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*34,597.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*30,518.89*	
		For Steam Heating Coil, Aluminum Fins, Add	*26,440.44*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*21,377.12*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*42,754.24*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*38,675.79*	
		For Hot Water Heating Coil, Copper Fins, Add	*30,518.89*	
		For Variable Air Volume, Add	*11,419.66*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,869.73*	
		For 2 Coils, Independent Circuits, Add	*11,758.01*	

23 73 13 00-0049 Multi-Zone Units *(23 73 13)*

Note: Horizontal/vertical blow-thru fan, motor and cabinet.

23 73 13 00-0050	EA	1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	6,049.95	1,141.48
		For Economizer, Panel, Controls And Damper(s), Add	*1,781.25*	
		For Flat Filter Box And Throwaway Filters, Add	*523.48*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*998.04*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,267.93*	
		For Manual Roll Filter, Add	*2,593.81*	
		For Automatic Roll Filter, Add	*2,593.81*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*605.00*	
		For Electric Heating Coil, Add	*693.39*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,151.85*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,151.85*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,593.81*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,593.81*	
		For 2 Coils, Independent Circuits, Add	*693.39*	
23 73 13 00-0051	EA	1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	7,539.88	1,430.06
		For Economizer, Panel, Controls And Damper(s), Add	*2,070.11*	
		For Flat Filter Box And Throwaway Filters, Add	*651.84*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,242.38*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,578.52*	
		For Manual Roll Filter, Add	*3,227.58*	
		For Automatic Roll Filter, Add	*3,227.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*753.99*	
		For Electric Heating Coil, Add	*863.93*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,677.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,677.89*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,227.58*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,227.58*	
		For 2 Coils, Independent Circuits, Add	*863.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0052	EA	1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	9,300.74	1,522.03
		For Economizer, Panel, Controls And Damper(s), Add	*2,161.91*	
		For Flat Filter Box And Throwaway Filters, Add	*821.37*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,577.51*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,999.06*	
		For Manual Roll Filter, Add	*4,137.04*	
		For Automatic Roll Filter, Add	*4,137.04*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*930.07*	
		For Electric Heating Coil, Add	*1,072.61*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,424.38*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,424.38*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,137.04*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,137.04*	
		For 2 Coils, Independent Circuits, Add	*1,072.61*	
23 73 13 00-0053	EA	2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	9,675.32	1,629.85
		For Economizer, Panel, Controls And Damper(s), Add	*2,269.43*	
		For Flat Filter Box And Throwaway Filters, Add	*851.14*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,632.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,069.67*	
		For Manual Roll Filter, Add	*4,273.94*	
		For Automatic Roll Filter, Add	*4,273.94*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*967.53*	
		For Electric Heating Coil, Add	*1,114.48*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,539.18*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,539.18*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,273.94*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,273.94*	
		For 2 Coils, Independent Circuits, Add	*1,114.48*	
23 73 13 00-0054	EA	2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,307.64	1,747.19
		For Economizer, Panel, Controls And Damper(s), Add	*2,387.26*	
		For Flat Filter Box And Throwaway Filters, Add	*1,005.96*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,937.04*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,452.50*	
		For Manual Roll Filter, Add	*5,095.96*	
		For Automatic Roll Filter, Add	*5,095.96*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,130.76*	
		For Electric Heating Coil, Add	*1,307.00*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,214.81*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,214.81*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,095.96*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,095.96*	
		For 2 Coils, Independent Circuits, Add	*1,307.00*	
23 73 13 00-0055	EA	3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,926.31	1,871.05
		For Economizer, Panel, Controls And Damper(s), Add	*2,510.96*	
		For Flat Filter Box And Throwaway Filters, Add	*1,058.99*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,037.80*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,580.66*	
		For Manual Roll Filter, Add	*5,356.71*	
		For Automatic Roll Filter, Add	*5,356.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,192.63*	
		For Electric Heating Coil, Add	*1,377.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,431.36*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,431.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,356.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,356.71*	
		For 2 Coils, Independent Circuits, Add	*1,377.70*	
23 73 13 00-0056	EA	3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,576.88	1,997.81
		For Economizer, Panel, Controls And Damper(s), Add	*2,637.65*	
		For Flat Filter Box And Throwaway Filters, Add	*1,115.00*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,144.38*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,716.15*	
		For Manual Roll Filter, Add	*5,633.08*	
		For Automatic Roll Filter, Add	*5,633.08*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,257.69*	
		For Electric Heating Coil, Add	*1,452.15*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,660.77*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,660.77*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,633.08*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,633.08*	
		For 2 Coils, Independent Circuits, Add	*1,452.15*	
23 73 13 00-0057	EA	4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	14,022.01	2,143.78
		For Economizer, Panel, Controls And Damper(s), Add	*2,430.75*	
		For Flat Filter Box And Throwaway Filters, Add	*1,249.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,407.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,047.12*	
		For Manual Roll Filter, Add	*6,336.95*	
		For Automatic Roll Filter, Add	*6,336.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,402.20*	
		For Electric Heating Coil, Add	*1,621.52*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,240.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,240.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,336.95*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,336.95*	
		For 2 Coils, Independent Circuits, Add	*1,621.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0058	EA	4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,323.30	2,295.82
		For Economizer, Panel, Controls And Damper(s), Add	*2,553.96*	
		For Flat Filter Box And Throwaway Filters, Add	*1,368.33*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,638.27*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,338.84*	
		For Manual Roll Filter, Add	*6,951.85*	
		For Automatic Roll Filter, Add	*6,951.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,532.33*	
		For Electric Heating Coil, Add	*1,773.20*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,747.51*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,747.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,951.85*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,951.85*	
		For 2 Coils, Independent Circuits, Add	*1,773.20*	
23 73 13 00-0059	EA	5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,201.32	2,452.03
		For Economizer, Panel, Controls And Damper(s), Add	*2,672.25*	
		For Flat Filter Box And Throwaway Filters, Add	*1,445.38*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,785.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,526.08*	
		For Manual Roll Filter, Add	*7,337.98*	
		For Automatic Roll Filter, Add	*7,337.98*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,620.13*	
		For Electric Heating Coil, Add	*1,874.26*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,067.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,067.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,337.98*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,337.98*	
		For 2 Coils, Independent Circuits, Add	*1,874.26*	
23 73 13 00-0060	EA	5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	17,859.19	2,619.65
		For Economizer, Panel, Controls And Damper(s), Add	*2,809.27*	
		For Flat Filter Box And Throwaway Filters, Add	*1,598.71*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,085.10*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,903.18*	
		For Manual Roll Filter, Add	*8,137.70*	
		For Automatic Roll Filter, Add	*8,137.70*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,785.92*	
		For Electric Heating Coil, Add	*2,068.22*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,726.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,726.19*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,137.70*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,137.70*	
		For 2 Coils, Independent Circuits, Add	*2,068.22*	
23 73 13 00-0061	EA	6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,003.75	2,803.59
		For Economizer, Panel, Controls And Damper(s), Add	*2,952.62*	
		For Flat Filter Box And Throwaway Filters, Add	*1,700.14*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,280.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,150.22*	
		For Manual Roll Filter, Add	*8,649.92*	
		For Automatic Roll Filter, Add	*8,649.92*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,900.38*	
		For Electric Heating Coil, Add	*2,200.35*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,150.02*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,150.02*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,649.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,649.92*	
		For 2 Coils, Independent Circuits, Add	*2,200.35*	
23 73 13 00-0062	EA	6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	20,836.29	3,044.43
		For Economizer, Panel, Controls And Damper(s), Add	*3,140.14*	
		For Flat Filter Box And Throwaway Filters, Add	*1,866.34*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,602.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,557.22*	
		For Manual Roll Filter, Add	*9,504.39*	
		For Automatic Roll Filter, Add	*9,504.39*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,083.63*	
		For Electric Heating Coil, Add	*2,413.44*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,855.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,855.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,504.39*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,504.39*	
		For 2 Coils, Independent Circuits, Add	*2,413.44*	
23 73 13 00-0063	EA	7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,388.55	3,279.19
		For Economizer, Panel, Controls And Damper(s), Add	*3,325.42*	
		For Flat Filter Box And Throwaway Filters, Add	*2,004.73*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,868.97*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,894.75*	
		For Manual Roll Filter, Add	*10,206.54*	
		For Automatic Roll Filter, Add	*10,206.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,238.86*	
		For Electric Heating Coil, Add	*2,592.97*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,435.94*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,435.94*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,206.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,206.54*	
		For 2 Coils, Independent Circuits, Add	*2,592.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,506.61	3,545.48
		For Economizer, Panel, Controls And Damper(s), Add	*2,961.93*	
		For Flat Filter Box And Throwaway Filters, Add	*2,097.92*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,044.19*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,118.43*	
		For Manual Roll Filter, Add	*10,653.96*	
		For Automatic Roll Filter, Add	*10,653.96*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,350.66*	
		For Electric Heating Coil, Add	*2,719.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,808.78*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,808.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,653.96*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,653.96*	
		For 2 Coils, Independent Circuits, Add	*2,719.70*	
23 73 13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	26,072.86	3,824.37
		For Economizer, Panel, Controls And Damper(s), Add	*3,126.61*	
		For Flat Filter Box And Throwaway Filters, Add	*2,333.96*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,503.92*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,698.24*	
		For Manual Roll Filter, Add	*11,880.13*	
		For Automatic Roll Filter, Add	*11,880.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,607.29*	
		For Electric Heating Coil, Add	*3,019.41*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,819.50*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,819.50*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,880.13*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,880.13*	
		For 2 Coils, Independent Circuits, Add	*3,019.41*	
23 73 13 00-0066	EA	8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	27,466.30	4,122.47
		For Economizer, Panel, Controls And Damper(s), Add	*3,297.28*	
		For Flat Filter Box And Throwaway Filters, Add	*2,451.97*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,727.15*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,982.60*	
		For Manual Roll Filter, Add	*12,454.53*	
		For Automatic Roll Filter, Add	*12,454.53*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,746.63*	
		For Electric Heating Coil, Add	*3,178.09*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,297.22*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,297.22*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,454.53*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,454.53*	
		For 2 Coils, Independent Circuits, Add	*3,178.09*	
23 73 13 00-0067	EA	9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	29,008.83	4,465.15
		For Economizer, Panel, Controls And Damper(s), Add	*3,483.38*	
		For Flat Filter Box And Throwaway Filters, Add	*2,582.96*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,975.17*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,298.44*	
		For Manual Roll Filter, Add	*13,093.56*	
		For Automatic Roll Filter, Add	*13,093.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,900.88*	
		For Electric Heating Coil, Add	*3,353.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,828.52*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,828.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,093.56*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,093.56*	
		For 2 Coils, Independent Circuits, Add	*3,353.89*	
23 73 13 00-0068	EA	10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	30,673.24	4,820.07
		For Economizer, Panel, Controls And Damper(s), Add	*3,247.10*	
		For Flat Filter Box And Throwaway Filters, Add	*2,722.81*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,238.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,634.76*	
		For Manual Roll Filter, Add	*13,769.63*	
		For Automatic Roll Filter, Add	*13,769.63*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,067.32*	
		For Electric Heating Coil, Add	*3,542.98*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,391.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,391.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,769.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,769.63*	
		For 2 Coils, Independent Circuits, Add	*3,542.98*	
23 73 13 00-0069	EA	11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	31,542.61	5,004.26
		For Economizer, Panel, Controls And Damper(s), Add	*3,329.75*	
		For Flat Filter Box And Throwaway Filters, Add	*2,795.97*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,376.97*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,810.78*	
		For Manual Roll Filter, Add	*14,123.82*	
		For Automatic Roll Filter, Add	*14,123.82*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,154.26*	
		For Electric Heating Coil, Add	*3,641.80*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,686.14*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,686.14*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,123.82*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,123.82*	
		For 2 Coils, Independent Circuits, Add	*3,641.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0070	EA	12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,370.59	5,182.86
		For Economizer, Panel, Controls And Damper(s), Add	*3,399.98*	
		For Flat Filter Box And Throwaway Filters, Add	*2,867.06*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,512.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,982.66*	
		For Manual Roll Filter, Add	*14,473.86*	
		For Automatic Roll Filter, Add	*14,473.86*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,237.06*	
		For Electric Heating Coil, Add	*3,736.47*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,976.79*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,976.79*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,473.86*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,473.86*	
		For 2 Coils, Independent Circuits, Add	*3,736.47*	
23 73 13 00-0071	EA	13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	36,560.07	5,391.16
		For Economizer, Panel, Controls And Damper(s), Add	*2,944.45*	
		For Flat Filter Box And Throwaway Filters, Add	*3,269.89*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,308.12*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,981.68*	
		For Manual Roll Filter, Add	*16,633.02*	
		For Automatic Roll Filter, Add	*16,633.02*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,656.01*	
		For Electric Heating Coil, Add	*4,232.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,749.24*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,749.24*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,633.02*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,633.02*	
		For 2 Coils, Independent Circuits, Add	*4,232.76*	
23 73 13 00-0072	EA	15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	40,715.46	5,604.73
		For Economizer, Panel, Controls And Damper(s), Add	*3,136.84*	
		For Flat Filter Box And Throwaway Filters, Add	*3,671.02*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,101.73*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,977.29*	
		For Manual Roll Filter, Add	*18,788.77*	
		For Automatic Roll Filter, Add	*18,788.77*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,071.55*	
		For Electric Heating Coil, Add	*4,725.65*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,518.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,518.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,788.77*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,788.77*	
		For 2 Coils, Independent Circuits, Add	*4,725.65*	
23 73 13 00-0073	EA	16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	46,768.40	5,816.12
		For Economizer, Panel, Controls And Damper(s), Add	*3,188.23*	
		For Flat Filter Box And Throwaway Filters, Add	*4,261.63*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,274.14*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,446.47*	
		For Manual Roll Filter, Add	*21,985.74*	
		For Automatic Roll Filter, Add	*21,985.74*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,676.84*	
		For Electric Heating Coil, Add	*5,446.12*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*18,139.32*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*18,139.32*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*21,985.74*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*21,985.74*	
		For 2 Coils, Independent Circuits, Add	*5,446.12*	
23 73 13 00-0074	EA	17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	52,825.50	6,025.42
		For Economizer, Panel, Controls And Damper(s), Add	*3,240.35*	
		For Flat Filter Box And Throwaway Filters, Add	*4,852.45*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,446.84*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,916.08*	
		For Manual Roll Filter, Add	*25,183.13*	
		For Automatic Roll Filter, Add	*25,183.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,282.55*	
		For Electric Heating Coil, Add	*6,167.02*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,760.78*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*20,760.78*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,183.13*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*25,183.13*	
		For 2 Coils, Independent Circuits, Add	*6,167.02*	
23 73 13 00-0075	EA	20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	59,299.31	6,532.82
		For Economizer, Panel, Controls And Damper(s), Add	*3,367.81*	
		For Flat Filter Box And Throwaway Filters, Add	*5,463.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,148.47*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*13,425.28*	
		For Manual Roll Filter, Add	*20,920.62*	
		For Automatic Roll Filter, Add	*25,917.52*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,929.93*	
		For Electric Heating Coil, Add	*6,929.31*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,920.62*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*20,920.62*	
		For Steam Heating Coil, Aluminum Fins, Add	*10,926.83*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,917.52*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*25,917.52*	
		For 2 Coils, Independent Circuits, Add	*6,929.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0076	EA	22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	63,956.17	7,103.65
		For Economizer, Panel, Controls And Damper(s), Add	*3,278.87*	
		For Flat Filter Box And Throwaway Filters, Add	*5,891.00*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,786.03*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*14,475.18*	
		For Manual Roll Filter, Add	*22,554.74*	
		For Automatic Roll Filter, Add	*27,941.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,395.62*	
		For Electric Heating Coil, Add	*7,472.89*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,554.74*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*22,554.74*	
		For Steam Heating Coil, Aluminum Fins, Add	*11,781.99*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*27,941.11*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*27,941.11*	
		For 2 Coils, Independent Circuits, Add	*7,472.89*	
23 73 13 00-0077	EA	25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	76,260.05	7,674.21
		For Economizer, Panel, Controls And Damper(s), Add	*3,409.10*	
		For Flat Filter Box And Throwaway Filters, Add	*7,077.97*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,562.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*17,420.92*	
		For Manual Roll Filter, Add	*27,215.83*	
		For Automatic Roll Filter, Add	*33,745.77*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,626.01*	
		For Electric Heating Coil, Add	*8,931.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*27,215.83*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*27,215.83*	
		For Steam Heating Coil, Aluminum Fins, Add	*14,155.95*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*33,745.77*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*33,745.77*	
		For 2 Coils, Independent Circuits, Add	*8,931.99*	
23 73 13 00-0078	EA	27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	86,184.72	8,308.74
		For Economizer, Panel, Controls And Damper(s), Add	*3,542.92*	
		For Flat Filter Box And Throwaway Filters, Add	*8,025.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,979.49*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*19,768.26*	
		For Manual Roll Filter, Add	*30,918.06*	
		For Automatic Roll Filter, Add	*38,351.25*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,618.47*	
		For Electric Heating Coil, Add	*10,105.11*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*30,918.06*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*30,918.06*	
		For Steam Heating Coil, Aluminum Fins, Add	*16,051.67*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*38,351.25*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*38,351.25*	
		For 2 Coils, Independent Circuits, Add	*10,105.11*	
23 73 13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	93,411.54	8,943.27
		For Economizer, Panel, Controls And Damper(s), Add	*3,682.25*	
		For Flat Filter Box And Throwaway Filters, Add	*8,702.07*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,989.20*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,435.63*	
		For Manual Roll Filter, Add	*33,530.11*	
		For Automatic Roll Filter, Add	*41,593.10*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,341.15*	
		For Electric Heating Coil, Add	*10,953.75*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*33,530.11*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*33,530.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,404.14*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*41,593.10*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*41,593.10*	
		For 2 Coils, Independent Circuits, Add	*10,953.75*	
23 73 13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	104,432.00	10,464.93
		For Economizer, Panel, Controls And Damper(s), Add	*3,696.92*	
		For Flat Filter Box And Throwaway Filters, Add	*9,696.43*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,469.97*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*23,867.70*	
		For Manual Roll Filter, Add	*37,292.20*	
		For Automatic Roll Filter, Add	*46,241.86*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,443.20*	
		For Electric Heating Coil, Add	*12,233.13*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*37,292.20*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*37,292.20*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,392.87*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*46,241.86*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*46,241.86*	
		For 2 Coils, Independent Circuits, Add	*12,233.13*	
23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	104,990.59	10,845.75
		For Economizer, Panel, Controls And Damper(s), Add	*3,766.74*	
		For Flat Filter Box And Throwaway Filters, Add	*9,724.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,509.07*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*23,923.56*	
		For Manual Roll Filter, Add	*37,348.06*	
		For Automatic Roll Filter, Add	*46,297.72*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,499.06*	
		For Electric Heating Coil, Add	*12,288.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*37,348.06*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*37,348.06*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,448.73*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*46,297.72*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*46,297.72*	
		For 2 Coils, Independent Circuits, Add	*12,288.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0082	EA	37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	109,803.05	11,225.94
		For Economizer, Panel, Controls And Damper(s), Add	*3,836.57*	
		For Flat Filter Box And Throwaway Filters, Add	*10,177.68*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,186.25*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,042.88*	
		For Manual Roll Filter, Add	*39,105.46*	
		For Automatic Roll Filter, Add	*48,480.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,980.31*	
		For Electric Heating Coil, Add	*12,855.32*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*39,105.46*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*39,105.46*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,355.36*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*48,480.51*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*48,480.51*	
		For 2 Coils, Independent Circuits, Add	*12,855.32*	
23 73 13 00-0083	EA	40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	114,904.50	12,050.84
		For Economizer, Panel, Controls And Damper(s), Add	*3,980.50*	
		For Flat Filter Box And Throwaway Filters, Add	*10,630.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,859.36*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*26,145.53*	
		For Manual Roll Filter, Add	*40,800.61*	
		For Automatic Roll Filter, Add	*50,570.66*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,490.45*	
		For Electric Heating Coil, Add	*13,444.46*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*40,800.61*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*40,800.61*	
		For Steam Heating Coil, Aluminum Fins, Add	*21,260.50*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*50,570.66*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*50,570.66*	
		For 2 Coils, Independent Circuits, Add	*13,444.46*	
23 73 13 00-0084	EA	45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	123,807.65	12,685.09
		For Economizer, Panel, Controls And Damper(s), Add	*4,085.17*	
		For Flat Filter Box And Throwaway Filters, Add	*11,478.70*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*17,127.84*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*28,245.71*	
		For Manual Roll Filter, Add	*44,110.65*	
		For Automatic Roll Filter, Add	*54,687.27*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,380.77*	
		For Electric Heating Coil, Add	*14,496.09*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*44,110.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*44,110.65*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,957.39*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*54,687.27*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*54,687.27*	
		For 2 Coils, Independent Circuits, Add	*14,496.09*	
23 73 13 00-0085	EA	50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	133,085.04	13,382.77
		For Economizer, Panel, Controls And Damper(s), Add	*3,814.25*	
		For Flat Filter Box And Throwaway Filters, Add	*12,351.38*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,431.35*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,399.88*	
		For Manual Roll Filter, Add	*47,491.26*	
		For Automatic Roll Filter, Add	*58,885.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,308.50*	
		For Electric Heating Coil, Add	*15,587.35*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*47,491.26*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*47,491.26*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,702.76*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*58,885.51*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*58,885.51*	
		For 2 Coils, Independent Circuits, Add	*15,587.35*	
23 73 13 00-0086	EA	55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	143,343.27	14,207.31
		For Economizer, Panel, Controls And Damper(s), Add	*3,928.54*	
		For Flat Filter Box And Throwaway Filters, Add	*13,320.06*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*19,878.66*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*32,793.01*	
		For Manual Roll Filter, Add	*51,251.70*	
		For Automatic Roll Filter, Add	*63,557.49*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,334.33*	
		For Electric Heating Coil, Add	*16,795.49*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*51,251.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*51,251.70*	
		For Steam Heating Coil, Aluminum Fins, Add	*26,640.12*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*63,557.49*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*63,557.49*	
		For 2 Coils, Independent Circuits, Add	*16,795.49*	
23 73 13 00-0087	EA	60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	153,721.94	14,587.86
		For Economizer, Panel, Controls And Damper(s), Add	*3,980.28*	
		For Flat Filter Box And Throwaway Filters, Add	*14,332.05*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*21,394.06*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,310.06*	
		For Manual Roll Filter, Add	*55,247.93*	
		For Automatic Roll Filter, Add	*68,539.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,372.19*	
		For Electric Heating Coil, Add	*18,030.58*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*55,247.93*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*55,247.93*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,664.11*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*68,539.84*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*68,539.84*	
		For 2 Coils, Independent Circuits, Add	*18,030.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0088		Return/Supply Air Fan *(23 73 13)* Note: Includes vibration mounts.		
23 73 13 00-0089	EA	300 CFM Return Air Fan	2,616.23	507.31
23 73 13 00-0090	EA	500 CFM Return Air Fan	3,389.85	608.80
23 73 13 00-0091	EA	750 CFM Return Air Fan	3,540.72	634.16
23 73 13 00-0092	EA	1,000 CFM Return Air Fan	4,038.70	672.22
23 73 13 00-0093	EA	1,250 CFM Return Air Fan	4,162.27	703.93
23 73 13 00-0094	EA	1,500 CFM Return Air Fan	4,259.64	735.65
23 73 13 00-0095	EA	1,750 CFM Return Air Fan	4,470.64	773.70
23 73 13 00-0096	EA	2,000 CFM Return Air Fan	4,968.61	811.75
23 73 13 00-0097	EA	2,250 CFM Return Air Fan	5,205.62	849.81
23 73 13 00-0098	EA	2,500 CFM Return Air Fan	5,338.27	887.87
23 73 13 00-0099	EA	3,000 CFM Return Air Fan	5,656.55	983.00
23 73 13 00-0100	EA	3,500 CFM Return Air Fan	5,807.48	1,033.75
23 73 13 00-0101	EA	4,000 CFM Return Air Fan	5,949.15	1,078.14
23 73 13 00-0102	EA	4,500 CFM Return Air Fan	6,126.16	1,128.98
23 73 13 00-0103	EA	5,000 CFM Return Air Fan	6,285.86	1,186.06
23 73 13 00-0104	EA	5,500 CFM Return Air Fan	6,589.39	1,325.59
23 73 13 00-0105	EA	6,000 CFM Return Air Fan	7,490.60	1,572.95
23 73 13 00-0106	EA	6,500 CFM Return Air Fan	7,683.93	1,598.32
23 73 13 00-0107	EA	7,000 CFM Return Air Fan	7,770.87	1,604.66
23 73 13 00-0108	EA	8,000 CFM Return Air Fan	8,172.93	1,630.03
23 73 13 00-0109	EA	9,000 CFM Return Air Fan	8,353.65	1,649.06
23 73 13 00-0110	EA	10,000 CFM Return Air Fan	8,786.55	1,712.76
23 73 13 00-0111	EA	12,500 CFM Return Air Fan	9,352.04	1,744.11
23 73 13 00-0112	EA	15,000 CFM Return Air Fan	10,546.04	1,793.68
23 73 13 00-0113	EA	17,500 CFM Return Air Fan	11,492.28	1,889.99
23 73 13 00-0114	EA	20,000 CFM Return Air Fan	13,644.75	1,972.26
23 73 13 00-0115	EA	22,500 CFM Return Air Fan	14,297.13	2,041.03
23 73 13 00-0116	EA	25,000 CFM Return Air Fan	14,943.53	2,099.38
23 73 13 00-0117	EA	27,500 CFM Return Air Fan	15,846.07	2,308.69
23 73 13 00-0118	EA	30,000 CFM Return Air Fan	16,939.55	2,435.36
23 73 13 00-0119	EA	35,000 CFM Return Air Fan	19,094.40	2,536.75
23 73 13 00-0120	EA	40,000 CFM Return Air Fan	22,483.42	2,790.45
23 73 13 00-0121	EA	45,000 CFM Return Air Fan	27,644.22	3,171.00
23 73 13 00-0122	EA	50,000 CFM Return Air Fan	33,600.04	3,285.44
23 73 13 00-0123	EA	55,000 CFM Return Air Fan	35,166.15	3,380.31
23 73 13 00-0124	EA	60,000 CFM Return Air Fan	35,976.47	3,469.11
23 73 13 00-0125	EA	65,000 CFM Return Air Fan	37,727.84	3,621.23
23 73 13 00-0126	EA	70,000 CFM Return Air Fan	39,626.79	3,799.55
23 73 13 00-0127	EA	75,000 CFM Return Air Fan	42,612.91	3,985.93
23 73 13 00-0128	EA	80,000 CFM Return Air Fan	44,506.17	4,197.23
23 73 13 00-0129	EA	90,000 CFM Return Air Fan	45,963.65	4,436.25
23 73 13 00-0130	EA	100,000 CFM Return Air Fan	49,409.87	4,639.30
23 73 13 00-0131	EA	115,000 CFM Return Air Fan	53,144.71	4,861.20
23 73 13 00-0132	EA	130,000 CFM Return Air Fan	57,198.43	5,106.11
23 73 13 00-0133	EA	150,000 CFM Return Air Fan	62,567.45	5,378.12
23 73 13 00-0134		Removal And Reinstallation Of Air Handling Unit *(23 73 13)* Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.		
23 73 13 00-0135	EA	Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit	2,323.28	
23 73 13 00-0136	EA	Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit	3,151.58	
23 73 13 00-0137	EA	Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit	3,920.52	
23 73 13 00-0138	EA	Removal And Reinstallation Of >22,000 CFM Air Handling Unit	7,153.25	

23 74 Packaged Outdoor HVAC Equipment *(23 70)*

23 74 16 Packaged Rooftop Air-Conditioning Units *(23 74)*

23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units *(23 74 16)*

23 74 16 13-0001		Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)* Note: Units up to 5 tons have 13 SEER. Units >5 to 11 tons have 11.7 EER, >11 to 20 tons have 11.7 EER, >20 to 63 tons have 10.5 EER and >63 tons have 9.2 EER. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0002	EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	3,099.99	252.28
		For Unit Without Heat, Deduct	*-414.63*	
		For Unit Economizer, Add	*420.57*	
		For Equipment Base Roof Curb, Add	*379.10*	
23 74 16 13-0003	EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	4,527.47	285.86
		For Unit Without Heat, Deduct	*-621.95*	
		For Unit Economizer, Add	*618.60*	
		For Equipment Base Roof Curb, Add	*556.41*	
23 74 16 13-0004	EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	5,614.90	293.13
		For Unit Without Heat, Deduct	*-783.70*	
		For Unit Economizer, Add	*770.48*	
		For Equipment Base Roof Curb, Add	*692.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0005	EA	5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	7,020.89	367.53
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-979.63*	
		For Unit Economizer, Add	*963.32*	
		For Equipment Base Roof Curb, Add	*865.36*	
23 74 16 13-0006	EA	6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	8,405.12	394.76
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-1,181.82*	
		For Unit Economizer, Add	*1,155.66*	
		For Equipment Base Roof Curb, Add	*1,037.48*	
23 74 16 13-0007	EA	7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	9,789.36	421.98
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-1,384.01*	
		For Unit Economizer, Add	*1,348.00*	
		For Equipment Base Roof Curb, Add	*1,209.60*	
23 74 16 13-0008	EA	8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	11,346.05	435.59
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-1,614.79*	
		For Unit Economizer, Add	*1,565.22*	
		For Equipment Base Roof Curb, Add	*1,403.74*	
23 74 16 13-0009	EA	10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	12,892.15	442.85
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-1,845.34*	
		For Unit Economizer, Add	*1,781.31*	
		For Equipment Base Roof Curb, Add	*1,596.77*	
23 74 16 13-0010	EA	12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	16,121.99	558.11
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-2,306.68*	
		For Unit Economizer, Add	*2,227.31*	
		For Equipment Base Roof Curb, Add	*1,996.65*	
23 74 16 13-0011	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	19,342.77	667.01
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-2,768.01*	
		For Unit Economizer, Add	*2,672.41*	
		For Equipment Base Roof Curb, Add	*2,395.61*	
23 74 16 13-0012	EA	17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	21,795.05	769.55
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-3,115.44*	
		For Unit Economizer, Add	*3,010.29*	
		For Equipment Base Roof Curb, Add	*2,698.74*	
23 74 16 13-0013	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	24,256.43	878.46
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-3,462.86*	
		For Unit Economizer, Add	*3,349.07*	
		For Equipment Base Roof Curb, Add	*3,002.79*	
23 74 16 13-0014	EA	22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	27,142.15	878.46
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-3,895.72*	
		For Unit Economizer, Add	*3,753.07*	
		For Equipment Base Roof Curb, Add	*3,363.50*	
23 74 16 13-0015	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	30,345.49	1,116.22
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-4,328.58*	
		For Unit Economizer, Add	*4,188.84*	
		For Equipment Base Roof Curb, Add	*3,755.98*	
23 74 16 13-0016	EA	27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	33,394.56	1,238.73
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-4,761.44*	
		For Unit Economizer, Add	*4,609.17*	
		For Equipment Base Roof Curb, Add	*4,133.03*	
23 74 16 13-0017	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	36,443.63	1,361.24
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-5,194.30*	
		For Unit Economizer, Add	*5,029.51*	
		For Equipment Base Roof Curb, Add	*4,510.08*	
23 74 16 13-0018	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	42,396.56	1,497.36
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-6,060.01*	
		For Unit Economizer, Add	*5,855.66*	
		For Equipment Base Roof Curb, Add	*5,249.66*	
23 74 16 13-0019	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	45,302.83	1,627.14
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-6,470.09*	
		For Unit Economizer, Add	*6,255.64*	
		For Equipment Base Roof Curb, Add	*5,608.63*	
23 74 16 13-0020	EA	45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	50,975.90	1,837.67
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-7,278.85*	
		For Unit Economizer, Add	*7,038.62*	
		For Equipment Base Roof Curb, Add	*6,310.73*	
23 74 16 13-0021	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	56,639.88	2,041.86
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-8,087.61*	
		For Unit Economizer, Add	*7,820.68*	
		For Equipment Base Roof Curb, Add	*7,011.92*	
23 74 16 13-0022	EA	55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	60,345.19	2,144.41
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	*-8,622.99*	
		For Unit Economizer, Add	*8,333.98*	
		For Equipment Base Roof Curb, Add	*7,471.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0023	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	64,014.19	2,218.82
		For Unit Without Heat, Deduct	*-9,158.36*	
		For Unit Economizer, Add	*8,843.65*	
		For Equipment Base Roof Curb, Add	*7,927.81*	
23 74 16 13-0024	EA	65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	69,247.37	2,327.72
		For Unit Without Heat, Deduct	*-9,921.56*	
		For Unit Economizer, Add	*9,570.49*	
		For Equipment Base Roof Curb, Add	*8,578.33*	
23 74 16 13-0025	EA	70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	74,480.54	2,436.63
		For Unit Without Heat, Deduct	*-10,684.76*	
		For Unit Economizer, Add	*10,297.32*	
		For Equipment Base Roof Curb, Add	*9,228.85*	
23 74 16 13-0026	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity.	79,334.03	2,545.52
		For Unit Without Heat, Deduct	*-11,391.00*	
		For Unit Economizer, Add	*10,971.00*	
		For Equipment Base Roof Curb, Add	*9,831.90*	

23 74 16 13-0027 Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units up to 5 tons have 13 SEER. Units >5 to 11 tons have 11.2 EER, >11 to 20 tons have 11 EER, >20 to 63 tons have 10 EER and >63 tons have 9.7 EER. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 74 16 13-0028	EA	2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit	4,323.56	252.28
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-199.39*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-79.76*	
		For Unit Economizer, Add	*591.87*	
		For Equipment Base Roof Curb, Add	*532.05*	
23 74 16 13-0029	EA	3 Ton Electric Cooling, 60 MBH Gas Heating, Self Contained Package Rooftop Unit	4,415.12	285.86
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-201.70*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-80.68*	
		For Unit Economizer, Add	*602.87*	
		For Equipment Base Roof Curb, Add	*542.36*	
23 74 16 13-0030	EA	4 Ton Electric Cooling, 80 MBH Gas Heating, Self Contained Package Rooftop Unit	5,170.93	293.13
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-239.04*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-95.61*	
		For Unit Economizer, Add	*708.32*	
		For Equipment Base Roof Curb, Add	*636.61*	
23 74 16 13-0031	EA	5 Ton Electric Cooling, 100 MBH Gas Heating, Self Contained Package Rooftop Unit	5,828.46	367.53
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-266.92*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-106.77*	
		For Unit Economizer, Add	*796.38*	
		For Equipment Base Roof Curb, Add	*716.31*	
23 74 16 13-0032	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit	6,728.12	394.76
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-310.09*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-124.04*	
		For Unit Economizer, Add	*920.88*	
		For Equipment Base Roof Curb, Add	*827.86*	
23 74 16 13-0033	EA	7.5 Ton Electric Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit	8,587.70	421.98
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-401.25*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-160.50*	
		For Unit Economizer, Add	*1,179.77*	
		For Equipment Base Roof Curb, Add	*1,059.40*	
23 74 16 13-0034	EA	8.5 Ton Electric Cooling, 170 MBH Gas Heating, Self Contained Package Rooftop Unit	9,568.42	435.59
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-449.38*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-179.75*	
		For Unit Economizer, Add	*1,316.35*	
		For Equipment Base Roof Curb, Add	*1,181.53*	
23 74 16 13-0035	EA	10 Ton Electric Cooling, 200 MBH Gas Heating, Self Contained Package Rooftop Unit	11,247.85	442.85
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-532.90*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-213.16*	
		For Unit Economizer, Add	*1,551.10*	
		For Equipment Base Roof Curb, Add	*1,391.23*	
23 74 16 13-0036	EA	12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit	13,522.70	558.11
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-638.93*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-255.57*	
		For Unit Economizer, Add	*1,863.41*	
		For Equipment Base Roof Curb, Add	*1,671.73*	
23 74 16 13-0037	EA	15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	16,807.47	667.01
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-795.91*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-318.36*	
		For Unit Economizer, Add	*2,317.47*	
		For Equipment Base Roof Curb, Add	*2,078.70*	
23 74 16 13-0038	EA	17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit	20,028.06	769.55
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-950.13*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-380.05*	
		For Unit Economizer, Add	*2,762.91*	
		For Equipment Base Roof Curb, Add	*2,477.87*	
23 74 16 13-0039	EA	20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit	23,268.77	878.46
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,104.91*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-441.96*	
		For Unit Economizer, Add	*3,210.80*	
		For Equipment Base Roof Curb, Add	*2,879.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0040	EA	22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit	26,132.00	997.33
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,240.13*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-496.05*	
		For Unit Economizer, Add	*3,605.30*	
		For Equipment Base Roof Curb, Add	*3,233.26*	
23 74 16 13-0041	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	23,867.29	1,116.22
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,118.95*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-447.58*	
		For Unit Economizer, Add	*3,281.89*	
		For Equipment Base Roof Curb, Add	*2,946.20*	
23 74 16 13-0042	EA	27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit	26,977.29	1,238.73
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,266.28*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-506.51*	
		For Unit Economizer, Add	*3,710.76*	
		For Equipment Base Roof Curb, Add	*3,330.87*	
23 74 16 13-0043	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit	24,849.45	1,361.24
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,151.72*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-460.69*	
		For Unit Economizer, Add	*3,406.32*	
		For Equipment Base Roof Curb, Add	*3,060.81*	
23 74 16 13-0044	EA	35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit	32,648.50	1,497.36
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,532.60*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-613.04*	
		For Unit Economizer, Add	*4,490.93*	
		For Equipment Base Roof Curb, Add	*4,031.15*	
23 74 16 13-0045	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit	34,098.79	1,627.14
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,596.49*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-638.60*	
		For Unit Economizer, Add	*4,687.07*	
		For Equipment Base Roof Curb, Add	*4,208.13*	
23 74 16 13-0046	EA	45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit	42,135.38	1,837.67
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,984.26*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-793.70*	
		For Unit Economizer, Add	*5,800.94*	
		For Equipment Base Roof Curb, Add	*5,205.67*	
23 74 16 13-0047	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit	41,955.96	2,041.86
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-1,961.67*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-784.67*	
		For Unit Economizer, Add	*5,764.94*	
		For Equipment Base Roof Curb, Add	*5,176.43*	
23 74 16 13-0048	EA	55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit	53,091.57	2,144.41
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-2,511.65*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,004.66*	
		For Unit Economizer, Add	*7,318.48*	
		For Equipment Base Roof Curb, Add	*6,564.98*	
23 74 16 13-0049	EA	60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit	53,797.27	2,218.82
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-2,541.94*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,016.78*	
		For Unit Economizer, Add	*7,413.28*	
		For Equipment Base Roof Curb, Add	*6,650.70*	
23 74 16 13-0050	EA	65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit	63,041.69	2,327.72
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-2,996.90*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,198.76*	
		For Unit Economizer, Add	*8,701.69*	
		For Equipment Base Roof Curb, Add	*7,802.62*	
23 74 16 13-0051	EA	70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit	68,584.72	2,436.63
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-3,266.80*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,306.72*	
		For Unit Economizer, Add	*9,471.91*	
		For Equipment Base Roof Curb, Add	*8,491.87*	
23 74 16 13-0052	EA	75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit	73,042.69	2,545.52
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-3,482.43*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,392.97*	
		For Unit Economizer, Add	*10,090.22*	
		For Equipment Base Roof Curb, Add	*9,045.49*	
23 74 16 13-0053	EA	80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit	69,863.30	2,661.68
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-3,315.75*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,326.30*	
		For Unit Economizer, Add	*9,638.93*	
		For Equipment Base Roof Curb, Add	*8,644.21*	
23 74 16 13-0054	EA	90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit	81,993.26	2,784.19
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-3,914.08*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,565.63*	
		For Unit Economizer, Add	*11,330.59*	
		For Equipment Base Roof Curb, Add	*10,156.37*	
23 74 16 13-0055	EA	100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit	88,248.92	3,062.79
		For Hot Water Heating Coil Instead Of Gas, Deduct	*-4,208.26*	
		For Steam Heating Coil Instead Of Gas, Deduct	*-1,683.30*	
		For Unit Economizer, Add	*12,191.50*	
		For Equipment Base Roof Curb, Add	*10,929.02*	

23 74 16 13-0056 Gas Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units up to 5 tons have 13 SEER. Units > 5 to 11 tons have 10.1 EER, >11 to 19 tons have 9.5 EER, >19 to 63 tons have 9.3 EER and >63 tons have 9.0 EER. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 74 16 13-0057	EA	2 Ton Gas Cooling, 80 MBH Gas Heating, Self Contained Package Rooftop Unit	4,553.83	252.28
		For Unit Economizer, Add	*624.11*	
		For Equipment Base Roof Curb, Add	*560.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0058	EA	3 Ton Gas Cooling, 90 MBH Gas Heating, Self Contained Package Rooftop Unit	5,034.83	285.86
		For Unit Economizer, Add	*689.63*	
		For Equipment Base Roof Curb, Add	*619.83*	
23 74 16 13-0059	EA	4 Ton Gas Cooling, 110 MBH Gas Heating, Self Contained Package Rooftop Unit	5,879.37	293.13
		For Unit Economizer, Add	*807.50*	
		For Equipment Base Roof Curb, Add	*725.17*	
23 74 16 13-0060	EA	5 Ton Gas Cooling, 112 MBH Gas Heating, Self Contained Package Rooftop Unit	6,738.72	367.53
		For Unit Economizer, Add	*923.82*	
		For Equipment Base Roof Curb, Add	*830.09*	
23 74 16 13-0061	EA	6 Ton Gas Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit	7,832.53	394.76
		For Unit Economizer, Add	*1,075.50*	
		For Equipment Base Roof Curb, Add	*965.91*	
23 74 16 13-0062	EA	7.5 Ton Gas Cooling, 200 MBH Gas Heating, Self Contained Package Rooftop Unit	10,140.62	421.98
		For Unit Economizer, Add	*1,397.18*	
		For Equipment Base Roof Curb, Add	*1,253.51*	
23 74 16 13-0063	EA	8.5 Ton Gas Cooling, 240 MBH Gas Heating, Self Contained Package Rooftop Unit	13,212.51	435.59
		For Unit Economizer, Add	*1,826.52*	
		For Equipment Base Roof Curb, Add	*1,637.04*	
23 74 16 13-0064	EA	10 Ton Gas Cooling, 270 MBH Gas Heating, Self Contained Package Rooftop Unit	14,175.98	442.85
		For Unit Economizer, Add	*1,961.04*	
		For Equipment Base Roof Curb, Add	*1,757.25*	
23 74 16 13-0065	EA	12.5 Ton Gas Cooling, 335 MBH Gas Heating, Self Contained Package Rooftop Unit	16,286.64	558.11
		For Unit Economizer, Add	*2,250.36*	
		For Equipment Base Roof Curb, Add	*2,017.23*	
23 74 16 13-0066	EA	15 Ton Gas Cooling, 375 MBH Gas Heating, Self Contained Package Rooftop Unit	18,385.29	667.01
		For Unit Economizer, Add	*2,538.37*	
		For Equipment Base Roof Curb, Add	*2,275.93*	
23 74 16 13-0067	EA	17.5 Ton Gas Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	23,962.38	769.55
		For Unit Economizer, Add	*3,313.71*	
		For Equipment Base Roof Curb, Add	*2,969.66*	
23 74 16 13-0068	EA	20 Ton Gas Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit	29,544.89	878.46
		For Unit Economizer, Add	*4,089.46*	
		For Equipment Base Roof Curb, Add	*3,663.84*	
23 74 16 13-0069	EA	22.5 Ton Gas Cooling, 490 MBH Gas Heating, Self Contained Package Rooftop Unit	35,222.74	997.33
		For Unit Economizer, Add	*4,878.00*	
		For Equipment Base Roof Curb, Add	*4,369.61*	
23 74 16 13-0070	EA	25 Ton Gas Cooling, 525 MBH Gas Heating, Self Contained Package Rooftop Unit	35,269.25	1,116.22
		For Unit Economizer, Add	*4,878.16*	
		For Equipment Base Roof Curb, Add	*4,371.45*	
23 74 16 13-0071	EA	30 Ton Gas Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit	41,762.31	1,361.24
		For Unit Economizer, Add	*5,774.12*	
		For Equipment Base Roof Curb, Add	*5,174.91*	
23 74 16 13-0072	EA	35 Ton Gas Cooling, 725 MBH Gas Heating, Self Contained Package Rooftop Unit	52,142.33	1,497.36
		For Unit Economizer, Add	*7,220.07*	
		For Equipment Base Roof Curb, Add	*6,467.88*	
23 74 16 13-0073	EA	40 Ton Gas Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit	54,180.86	1,627.14
		For Unit Economizer, Add	*7,498.56*	
		For Equipment Base Roof Curb, Add	*6,718.38*	
23 74 16 13-0074	EA	45 Ton Gas Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit	65,265.90	1,837.67
		For Unit Economizer, Add	*9,039.22*	
		For Equipment Base Roof Curb, Add	*8,096.98*	
23 74 16 13-0075	EA	50 Ton Gas Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit	65,905.38	2,041.86
		For Unit Economizer, Add	*9,117.85*	
		For Equipment Base Roof Curb, Add	*8,170.11*	
23 74 16 13-0076	EA	55 Ton Gas Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit	76,298.42	2,144.41
		For Unit Economizer, Add	*10,567.43*	
		For Equipment Base Roof Curb, Add	*9,465.84*	
23 74 16 13-0077	EA	60 Ton Gas Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit	74,452.52	2,218.82
		For Unit Economizer, Add	*10,305.02*	
		For Equipment Base Roof Curb, Add	*9,232.60*	
23 74 16 13-0078	EA	65 Ton Gas Cooling, 1,250 MBH Gas Heating, Self Contained Package Rooftop Unit	89,847.64	2,327.72
		For Unit Economizer, Add	*12,454.52*	
		For Equipment Base Roof Curb, Add	*11,153.36*	
23 74 16 13-0079	EA	70 Ton Gas Cooling, 1,300 MBH Gas Heating, Self Contained Package Rooftop Unit	98,765.13	2,436.63
		For Unit Economizer, Add	*13,697.17*	
		For Equipment Base Roof Curb, Add	*12,264.42*	
23 74 16 13-0080	EA	75 Ton Gas Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit	107,689.26	2,545.52
		For Unit Economizer, Add	*14,940.74*	
		For Equipment Base Roof Curb, Add	*13,376.31*	
23 74 16 13-0081	EA	80 Ton Gas Cooling, 1,400 MBH Gas Heating, Self Contained Package Rooftop Unit	107,219.22	2,661.68
		For Unit Economizer, Add	*14,868.76*	
		For Equipment Base Roof Curb, Add	*13,313.70*	
23 74 16 13-0082	EA	90 Ton Gas Cooling, 1,500 MBH Gas Heating, Self Contained Package Rooftop Unit	124,274.39	2,784.19
		For Unit Economizer, Add	*17,249.95*	
		For Equipment Base Roof Curb, Add	*15,441.51*	
23 74 16 13-0083	EA	100 Ton Gas Cooling, 1,700 MBH Gas Heating, Self Contained Package Rooftop Unit	139,748.24	3,062.79
		For Unit Economizer, Add	*19,401.40*	
		For Equipment Base Roof Curb, Add	*17,366.44*	

23 74 16 13-0084 AAON Rooftop Units *(23 74 16 13)*

Note: The minimum EER for units 5 to 10 tons is 11.2, >10 to 20 tons is 11.0, and >20 is 10.0. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0085 AAON RQ Rooftop Units *(23 74 16 13-0084)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0086	EA	2 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-002)	6,185.64	181.50
		For Factory Installed And Wired Dry Bulb Economizer, Add	*736.13*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*798.66*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*628.78*	
		For Factory Installed Non-Fused Disconnect, Add	*719.62*	
		For Factory Installed Exhaust Fan, Add	*3,668.87*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*856.46*	
23 74 16 13-0087	EA	3 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-003)	6,663.87	190.57
		For Factory Installed And Wired Dry Bulb Economizer, Add	*789.22*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*856.46*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*673.61*	
		For Factory Installed Non-Fused Disconnect, Add	*771.52*	
		For Factory Installed Exhaust Fan, Add	*3,668.87*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*856.46*	
23 74 16 13-0088	EA	4 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-004)	6,787.01	199.64
		For Factory Installed And Wired Dry Bulb Economizer, Add	*789.22*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*856.46*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*673.61*	
		For Factory Installed Non-Fused Disconnect, Add	*771.52*	
		For Factory Installed Exhaust Fan, Add	*3,668.87*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*856.46*	
23 74 16 13-0089	EA	5 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-005)	6,898.35	217.80
		For Factory Installed And Wired Dry Bulb Economizer, Add	*789.22*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*856.46*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*673.61*	
		For Factory Installed Non-Fused Disconnect, Add	*771.52*	
		For Factory Installed Exhaust Fan, Add	*3,668.87*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*856.46*	
23 74 16 13-0090	EA	6 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-006)	7,547.64	226.88
		For Factory Installed And Wired Dry Bulb Economizer, Add	*789.22*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*856.46*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*673.61*	
		For Factory Installed Non-Fused Disconnect, Add	*771.52*	
		For Factory Installed Exhaust Fan, Add	*3,668.87*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*856.46*	

23 74 16 13-0091 AAON RNA Rooftop Units *(23 74 16 13-0084)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 74 16 13-0092	EA	6 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-006)	9,407.32	235.95
		For Factory Installed And Wired Dry Bulb Economizer, Add	*767.98*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,179.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*786.86*	
		For Factory Installed Non-Fused Disconnect, Add	*726.70*	
		For Factory Installed Exhaust Fan, Add	*1,959.48*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*667.71*	
23 74 16 13-0093	EA	7 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-007)	10,079.46	254.10
		For Factory Installed And Wired Dry Bulb Economizer, Add	*767.98*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,179.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*786.86*	
		For Factory Installed Non-Fused Disconnect, Add	*726.70*	
		For Factory Installed Exhaust Fan, Add	*1,959.48*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*667.71*	
23 74 16 13-0094	EA	8 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-008)	11,658.81	272.25
		For Factory Installed And Wired Dry Bulb Economizer, Add	*767.98*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,179.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*786.86*	
		For Factory Installed Non-Fused Disconnect, Add	*726.70*	
		For Factory Installed Exhaust Fan, Add	*1,959.48*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*667.71*	
23 74 16 13-0095	EA	10 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-010)	11,775.79	299.48
		For Factory Installed And Wired Dry Bulb Economizer, Add	*767.98*	
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,179.70*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*786.86*	
		For Factory Installed Non-Fused Disconnect, Add	*726.70*	
		For Factory Installed Exhaust Fan, Add	*1,959.48*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*667.71*	

23 74 16 13-0096 AAON RNB Rooftop Units *(23 74 16 13-0084)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 74 16 13-0097	EA	9 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-009)	14,223.66	299.48
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,131.33*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*884.78*	
		For Factory Installed Non-Fused Disconnect, Add	*701.92*	
		For Factory Installed Exhaust Fan, Add	*1,868.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*671.25*	
23 74 16 13-0098	EA	11 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-011)	14,478.75	335.77
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,131.33*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*884.78*	
		For Factory Installed Non-Fused Disconnect, Add	*701.92*	
		For Factory Installed Exhaust Fan, Add	*1,868.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*671.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0099	EA	13 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-013)	15,752.28	372.08
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,131.33*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*884.78*	
		For Factory Installed Non-Fused Disconnect, Add	*701.92*	
		For Factory Installed Exhaust Fan, Add	*1,868.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*671.25*	
23 74 16 13-0100	EA	15 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-015)	16,098.58	408.37
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,131.33*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*884.78*	
		For Factory Installed Non-Fused Disconnect, Add	*701.92*	
		For Factory Installed Exhaust Fan, Add	*1,868.64*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*671.25*	

23 74 16 13-0101 AAON RNC Rooftop Units *(23 74 16 13-0084)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0102	EA	16 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-016)	21,234.46	444.67
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,670.46*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,179.70*	
		For Factory Installed Non-Fused Disconnect, Add	*701.92*	
		For Factory Installed Exhaust Fan, Add	*3,427.03*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*305.54*	
23 74 16 13-0103	EA	18 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-018)	22,961.00	480.97
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,670.46*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,179.70*	
		For Factory Installed Non-Fused Disconnect, Add	*701.92*	
		For Factory Installed Exhaust Fan, Add	*3,427.03*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*305.54*	
23 74 16 13-0104	EA	20 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-020)	24,336.80	517.27
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,670.46*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,179.70*	
		For Factory Installed Non-Fused Disconnect, Add	*701.92*	
		For Factory Installed Exhaust Fan, Add	*3,427.03*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*305.54*	
23 74 16 13-0105	EA	25 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-025)	26,059.25	589.87
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,670.46*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,179.70*	
		For Factory Installed Non-Fused Disconnect, Add	*701.92*	
		For Factory Installed Exhaust Fan, Add	*3,427.03*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*305.54*	
23 74 16 13-0106	EA	30 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-030)	29,419.13	671.54
		For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add	*1,670.46*	
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,179.70*	
		For Factory Installed Non-Fused Disconnect, Add	*701.92*	
		For Factory Installed Exhaust Fan, Add	*3,427.03*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*305.54*	

23 74 16 13-0107 AAON RND Rooftop Units *(23 74 16 13-0084)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect, freight and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

23 74 16 13-0108	EA	26 Ton, Air Cooled Packaged Rooftop Units (AAON RND-026)	40,900.89	744.14
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,474.62*	
		For Factory Installed Non-Fused Disconnect, Add	*1,597.31*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,241.43*	
23 74 16 13-0109	EA	31 Ton, Air Cooled Packaged Rooftop Units (AAON RND-031)	46,438.50	816.75
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,474.62*	
		For Factory Installed Non-Fused Disconnect, Add	*1,597.31*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,241.43*	
23 74 16 13-0110	EA	40 Ton, Air Cooled Packaged Rooftop Units (AAON RND-040)	54,060.92	925.64
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,474.62*	
		For Factory Installed Non-Fused Disconnect, Add	*1,597.31*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,241.43*	
23 74 16 13-0111	EA	50 Ton, Air Cooled Packaged Rooftop Units (AAON RND-050)	62,902.31	1,043.62
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,474.62*	
		For Factory Installed Non-Fused Disconnect, Add	*1,597.31*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,241.43*	
23 74 16 13-0112	EA	60 Ton, Air Cooled Packaged Rooftop Units (AAON RND-060)	68,479.13	1,152.52
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,474.62*	
		For Factory Installed Non-Fused Disconnect, Add	*1,597.31*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,241.43*	
23 74 16 13-0113	EA	70 Ton, Air Cooled Packaged Rooftop Units (AAON RND-070)	71,937.57	1,261.41
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,474.62*	
		For Factory Installed Non-Fused Disconnect, Add	*1,597.31*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*2,241.43*	

23 74 16 13-0114 AAON RNE Rooftop Units *(23 74 16 13-0084)*

Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non fused disconnect, freight and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0115	EA	55 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-055)	67,538.28	1,406.62
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,665.74*	
		For Factory Installed Non-Fused Disconnect, Add	*2,392.43*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,185.19*	
23 74 16 13-0116	EA	65 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-065)	74,166.85	1,560.89
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,665.74*	
		For Factory Installed Non-Fused Disconnect, Add	*2,392.43*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,185.19*	
23 74 16 13-0117	EA	75 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-075)	78,832.75	1,706.09
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,665.74*	
		For Factory Installed Non-Fused Disconnect, Add	*2,392.43*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,185.19*	
23 74 16 13-0118	EA	95 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-090)	93,800.62	1,860.37
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,665.74*	
		For Factory Installed Non-Fused Disconnect, Add	*2,392.43*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,185.19*	
23 74 16 13-0119	EA	105 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-105)	101,011.41	2,041.86
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,665.74*	
		For Factory Installed Non-Fused Disconnect, Add	*2,392.43*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,185.19*	
23 74 16 13-0120	EA	120 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-120)	118,316.90	2,223.36
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,665.74*	
		For Factory Installed Non-Fused Disconnect, Add	*2,392.43*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,185.19*	
23 74 16 13-0121	EA	130 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-130)	120,962.26	2,413.93
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,665.74*	
		For Factory Installed Non-Fused Disconnect, Add	*2,392.43*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,185.19*	
23 74 16 13-0122	EA	140 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-140)	125,863.20	2,595.43
		For Factory Authorized Start Up, 4 Hour, One Trip, Add	*1,665.74*	
		For Factory Installed Non-Fused Disconnect, Add	*2,392.43*	
		For Hot Water Coil In Lieu Of Gas Heat, Add	*3,185.19*	

23 74 16 13-0123 Heating Only Packaged Rooftop Units *(23 74 16 13)*

Note: Includes throwaway filters and filter rack. Manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 74 16 13-0124	EA	24 MBH Electric Heating Only Self Contained Package Rooftop Unit	3,068.67	281.32
		For Gas Heat, Add	*203.55*	
23 74 16 13-0125	EA	32 MBH Electric Heating Only Self Contained Package Rooftop Unit	3,622.65	326.70
		For Gas Heat, Add	*240.52*	
23 74 16 13-0126	EA	45 MBH Electric Heating Only Self Contained Package Rooftop Unit	4,984.93	335.77
		For Gas Heat, Add	*335.51*	
23 74 16 13-0127	EA	60 MBH Electric Heating Only Self Contained Package Rooftop Unit	5,780.07	426.52
		For Gas Heat, Add	*387.73*	
23 74 16 13-0128	EA	95 MBH Electric Heating Only Self Contained Package Rooftop Unit	6,842.66	490.05
		For Gas Heat, Add	*459.38*	
23 74 16 13-0129	EA	112 MBH Electric Heating Only Self Contained Package Rooftop Unit	7,744.49	526.34
		For Gas Heat, Add	*520.88*	
23 74 16 13-0130	EA	140 MBH Electric Heating Only Self Contained Package Rooftop Unit	9,281.29	571.72
		For Gas Heat, Add	*627.37*	
23 74 16 13-0131	EA	170 MBH Electric Heating Only Self Contained Package Rooftop Unit	12,033.04	589.87
		For Gas Heat, Add	*818.54*	
23 74 16 13-0132	EA	200 MBH Electric Heating Only Self Contained Package Rooftop Unit	16,180.28	671.54
		For Gas Heat, Add	*1,105.94*	
23 74 16 13-0133	EA	230 MBH Electric Heating Only Self Contained Package Rooftop Unit	19,045.62	744.14
		For Gas Heat, Add	*1,303.43*	
23 74 16 13-0134	EA	270 MBH Electric Heating Only Self Contained Package Rooftop Unit	25,116.42	907.49
		For Gas Heat, Add	*1,721.85*	
23 74 16 13-0135	EA	330 MBH Electric Heating Only Self Contained Package Rooftop Unit	31,474.16	1,088.99
		For Gas Heat, Add	*2,159.81*	
23 74 16 13-0136	EA	360 MBH Electric Heating Only Self Contained Package Rooftop Unit	39,257.21	1,361.24
		For Gas Heat, Add	*2,693.56*	
23 74 16 13-0137	EA	450 MBH Electric Heating Only Self Contained Package Rooftop Unit	47,626.34	1,488.29
		For Gas Heat, Add	*3,274.68*	
23 74 16 13-0138	EA	540 MBH Electric Heating Only Self Contained Package Rooftop Unit	61,513.30	1,778.69
		For Gas Heat, Add	*4,234.97*	

23 74 16 13-0139 Heat Pump, Packaged Rooftop Heat Pump Units *(23 74 16 13)*

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 74 16 13-0140 Packaged Rooftop Heat Pump Units *(23 74 16 13-0139)*

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.

23 74 16 13-0141	EA	2 Ton Packaged Rooftop Heat Pump	5,117.35	372.08
		For Economizer With Outside Air Control, Add	*1,290.44*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*218.66*	
23 74 16 13-0142	EA	2.5 Ton Packaged Rooftop Heat Pump	5,354.96	390.23
		For Economizer With Outside Air Control, Add	*1,353.50*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*228.27*	
23 74 16 13-0143	EA	3 Ton Packaged Rooftop Heat Pump	5,649.70	426.52
		For Economizer With Outside Air Control, Add	*1,431.19*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*240.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0144	EA	3.5 Ton Packaged Rooftop Heat Pump	6,067.63	453.75
		For Economizer With Outside Air Control, Add	*1,333.97*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*257.55*	
23 74 16 13-0145	EA	4 Ton Packaged Rooftop Heat Pump	6,476.48	490.05
		For Economizer With Outside Air Control, Add	*1,424.43*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*274.82*	
23 74 16 13-0146	EA	5 Ton Packaged Rooftop Heat Pump	6,944.19	526.34
		For Economizer With Outside Air Control, Add	*1,530.90*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*235.30*	
23 74 16 13-0147	EA	6 Ton Packaged Rooftop Heat Pump	7,859.95	562.65
		For Economizer With Outside Air Control, Add	*1,707.54*	
		For Economizer With Outside Air Control, Add	*1,303.46*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*202.04*	
23 74 16 13-0148	EA	7.5 Ton Packaged Rooftop Heat Pump	10,495.86	589.87
		For Economizer With Outside Air Control, Add	*1,711.25*	
		For Economizer With Outside Air Control, Add	*1,618.18*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*279.21*	
23 74 16 13-0149	EA	8.5 Ton Packaged Rooftop Heat Pump	11,788.83	635.25
		For Economizer With Outside Air Control, Add	*1,788.72*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*315.82*	
23 74 16 13-0150	EA	10 Ton Packaged Rooftop Heat Pump	12,773.87	671.54
		For Economizer With Outside Air Control, Add	*1,810.99*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*228.80*	
23 74 16 13-0151	EA	12.5 Ton Packaged Rooftop Heat Pump	15,004.40	744.14
		For Economizer With Outside Air Control, Add	*2,095.76*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*270.32*	
23 74 16 13-0152	EA	15 Ton Packaged Rooftop Heat Pump	17,225.84	816.75
		For Economizer With Outside Air Control, Add	*2,375.98*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*311.85*	
23 74 16 13-0153	EA	17.5 Ton Packaged Rooftop Heat Pump	19,277.47	853.04
		For Economizer With Outside Air Control, Add	*2,581.14*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*352.88*	
23 74 16 13-0154	EA	20 Ton Packaged Rooftop Heat Pump	21,474.29	889.35
		For Economizer With Outside Air Control, Add	*2,858.91*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*393.91*	

23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units *(23 74)*

23 74 23 13 Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units *(23 74 23)*

23 74 23 13-0001 Make-Up Air Units *(23 74 23 13)*

Note: Including throwaway filters. Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant, and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0793 for crane lifting equipment.

23 74 23 13-0002 Gas-Fired Electric Spark Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0794 for crane lifting equipment.

23 74 23 13-0003	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark	4,409.21	408.37
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,118.58*	
		For Equipment Base Roof Curb, Add	*530.73*	
23 74 23 13-0004	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	5,661.14	462.83
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,464.66*	
		For Equipment Base Roof Curb, Add	*684.27*	
23 74 23 13-0005	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	7,811.04	544.50
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,071.06*	
		For Equipment Base Roof Curb, Add	*949.16*	
23 74 23 13-0006	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	7,898.23	580.80
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,076.80*	
		For Equipment Base Roof Curb, Add	*958.01*	
23 74 23 13-0007	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	10,701.96	653.40
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,883.89*	
		For Equipment Base Roof Curb, Add	*1,305.08*	
23 74 23 13-0008	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	16,118.20	816.75
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,427.09*	
		For Equipment Base Roof Curb, Add	*1,973.94*	

23 74 23 13-0009 Electric Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0794 for crane lifting equipment.

23 74 23 13-0010	EA	33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric	8,832.76	408.37
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,445.64*	
		For Equipment Base Roof Curb, Add	*1,083.68*	
23 74 23 13-0011	EA	100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric	12,564.82	462.83
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,535.77*	
		For Equipment Base Roof Curb, Add	*1,547.23*	
23 74 23 13-0012	EA	150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric	15,548.02	544.50
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,392.16*	
		For Equipment Base Roof Curb, Add	*1,916.28*	
23 74 23 13-0013	EA	250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric	20,085.76	653.40
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,699.03*	
		For Equipment Base Roof Curb, Add	*2,478.05*	
23 74 23 13-0014	EA	400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric	32,342.97	816.75
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*9,294.52*	
		For Equipment Base Roof Curb, Add	*4,002.03*	

23 76 Evaporative Air-Cooling Equipment *(23 70)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 76 13 Direct Evaporative Air Coolers *(23 76)*

23 76 13 00-0001 Residential Side Or Down Draft Evaporative Cooling Unit *(23 76 13)*

Note: Includes motor, belt and pads.

23 76 13 00-0002	EA	3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,163.89	286.79
23 76 13 00-0003	EA	4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,374.27	334.58
23 76 13 00-0004	EA	4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,772.59	382.38
23 76 13 00-0005	EA	5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,931.26	430.17
23 76 13 00-0006	EA	6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,216.04	477.97
23 76 13 00-0007	EA	7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,387.33	525.77

23 76 13 00-0008 Industrial Side Draft/Side Discharge Evaporative Coolers *(23 76 13)*

Note: Excludes motor starter, piping, power wiring and equipment rigging.

23 76 13 00-0009	EA	7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,166.97	271.20
23 76 13 00-0010	EA	8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,236.30	279.97
23 76 13 00-0011	EA	9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,668.49	388.83
23 76 13 00-0012	EA	11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	5,674.56	458.97
23 76 13 00-0013	EA	13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,158.50	671.94
23 76 13 00-0014	EA	16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,050.33	716.74
23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,490.35	806.33
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,703.31	1,007.90
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,762.50	1,317.54
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	8,628.78	1,343.87
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit	9,095.18	1,493.23
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	12,234.42	2,333.14
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	13,698.67	2,434.56

23 80 Decentralized Unitary HVAC Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment *(23 80)*

23 81 13 Packaged Terminal Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13)*

23 81 13 11-0001 Packaged Terminal Air-Conditioners *(23 81 13 11)*

23 81 13 11-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,273.54	179.24
		For >35 To 70, Deduct	*-27.45*	
		For >70 To 100, Deduct	*-45.75*	
		For >100, Deduct	*-64.05*	
23 81 13 11-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,344.79	207.30
		For >35 To 70, Deduct	*-27.92*	
		For >70 To 100, Deduct	*-46.53*	
		For >100, Deduct	*-65.15*	
23 81 13 11-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,424.60	220.93
		For >35 To 70, Deduct	*-29.47*	
		For >70 To 100, Deduct	*-49.11*	
		For >100, Deduct	*-68.76*	
23 81 13 11-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,538.52	237.47
		For >35 To 70, Deduct	*-31.91*	
		For >70 To 100, Deduct	*-53.19*	
		For >100, Deduct	*-74.46*	

23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,345.78	183.94
		For >35 To 70, Deduct	*-29.36*	
		For >70 To 100, Deduct	*-48.93*	
		For >100, Deduct	*-68.50*	
23 81 13 11-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,427.54	207.30
		For >35 To 70, Deduct	*-30.40*	
		For >70 To 100, Deduct	*-50.67*	
		For >100, Deduct	*-70.94*	
23 81 13 11-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,484.57	220.93
		For >35 To 70, Deduct	*-31.27*	
		For >70 To 100, Deduct	*-52.11*	
		For >100, Deduct	*-72.95*	
23 81 13 11-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,617.67	237.47
		For >35 To 70, Deduct	*-34.29*	
		For >70 To 100, Deduct	*-57.15*	
		For >100, Deduct	*-80.01*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 13 11-0012		Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve *(23 81 13 11)* Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.		
23 81 13 11-0013	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	76.67	
23 81 13 11-0014	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve	86.26	
23 81 13 11-0015	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve	95.84	
23 81 13 11-0016		Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13 11)* Note: Includes storage and cleaning.		
23 81 13 11-0017	EA	Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units	191.19	
23 81 13 13		**Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units** *(23 81 13)*		
23 81 13 13-0001		Single Package Vertical Wall Cooling Unit *(23 81 13 13)* Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0794 for crane lifting equipment.		
23 81 13 13-0002	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	3,004.81	218.02
23 81 13 13-0003	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	5,694.58	228.41
23 81 13 13-0004	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	7,433.11	238.79
23 81 13 13-0005	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	8,544.72	259.55
23 81 13 13-0006	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	10,711.62	301.08
23 81 13 13-0007	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	11,504.65	373.76
23 81 13 13-0008	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	12,738.57	415.29
23 81 13 13-0009	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	14,028.81	467.20
23 81 13 13-0010	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	15,792.64	560.65
23 81 13 13-0011	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	20,409.61	695.61
23 81 13 13-0012	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	24,368.65	934.41
23 81 13 13-0013	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	34,129.36	1,142.05
23 81 13 13-0014	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	39,328.17	1,360.08
23 81 13 13-0015	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	46,981.99	1,526.20
23 81 16		**Room Air-Conditioners** *(23 81)* Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.		
23 81 16 00-0001		Window Unit, Room Air-Conditioners *(23 81 16)*		
23 81 16 00-0002		Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*		
23 81 16 00-0003		Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0002)*		
23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	403.37	100.37
		For >10 To 50, Deduct	*-10.13*	
		For >50 To 75, Deduct	*-14.18*	
		For >75 To 100, Deduct	*-20.26*	
		For >100, Deduct	*-24.31*	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	423.74	100.37
		For >10 To 50, Deduct	*-11.15*	
		For >50 To 75, Deduct	*-15.61*	
		For >75 To 100, Deduct	*-22.30*	
		For >100, Deduct	*-26.76*	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1)	474.65	100.37
		For >10 To 50, Deduct	*-13.70*	
		For >50 To 75, Deduct	*-19.17*	
		For >75 To 100, Deduct	*-27.39*	
		For >100, Deduct	*-32.87*	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1)	545.92	100.37
		For >10 To 50, Deduct	*-17.26*	
		For >50 To 75, Deduct	*-24.16*	
		For >75 To 100, Deduct	*-34.52*	
		For >100, Deduct	*-41.42*	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	637.56	100.37
		For >10 To 50, Deduct	*-21.84*	
		For >50 To 75, Deduct	*-30.58*	
		For >75 To 100, Deduct	*-43.68*	
		For >100, Deduct	*-52.42*	
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	739.38	100.37
		For >10 To 50, Deduct	*-26.93*	
		For >50 To 75, Deduct	*-37.70*	
		For >75 To 100, Deduct	*-53.86*	
		For >100, Deduct	*-64.64*	
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	698.65	100.37
		For >10 To 50, Deduct	*-24.90*	
		For >50 To 75, Deduct	*-34.85*	
		For >75 To 100, Deduct	*-49.79*	
		For >100, Deduct	*-59.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	749.56	100.37
		For >10 To 50, Deduct	*-27.44*	
		For >50 To 75, Deduct	*-38.42*	
		For >75 To 100, Deduct	*-54.88*	
		For >100, Deduct	*-65.86*	
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	790.29	100.37
		For >10 To 50, Deduct	*-29.48*	
		For >50 To 75, Deduct	*-41.27*	
		For >75 To 100, Deduct	*-58.95*	
		For >100, Deduct	*-70.74*	
23 81 16 00-0013	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	831.02	100.37
		For >10 To 50, Deduct	*-31.51*	
		For >50 To 75, Deduct	*-44.12*	
		For >75 To 100, Deduct	*-63.03*	
		For >100, Deduct	*-75.63*	
23 81 16 00-0014	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	912.47	100.37
		For >10 To 50, Deduct	*-35.59*	
		For >50 To 75, Deduct	*-49.82*	
		For >75 To 100, Deduct	*-71.17*	
		For >100, Deduct	*-85.41*	
23 81 16 00-0015	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	922.65	100.37
		For >10 To 50, Deduct	*-36.10*	
		For >50 To 75, Deduct	*-50.53*	
		For >75 To 100, Deduct	*-72.19*	
		For >100, Deduct	*-86.63*	
23 81 16 00-0016	EA	28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	1,155.59	100.37
		For >10 To 50, Deduct	*-47.74*	
		For >50 To 75, Deduct	*-66.84*	
		For >75 To 100, Deduct	*-95.48*	
		For >100, Deduct	*-114.58*	

23 81 16 00-0017 Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) *(23 81 16 00-0002)*

23 81 16 00-0018	EA	8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C)	1,222.19	100.37
23 81 16 00-0019	EA	10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C)	1,335.80	100.37
23 81 16 00-0020	EA	11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C)	1,387.44	100.37
23 81 16 00-0021	EA	12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C)	1,408.09	100.37
23 81 16 00-0022	EA	20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C)	1,594.00	100.37
23 81 16 00-0023	EA	24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C)	2,058.76	100.37
23 81 16 00-0024	EA	28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C)	2,213.68	100.37
23 81 16 00-0025	EA	36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	2,420.24	100.37

23 81 16 00-0026 Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0027 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0026)*

23 81 16 00-0028	EA	8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1)	790.29	100.37
		For >10 To 50, Deduct	*-29.48*	
		For >50 To 75, Deduct	*-41.27*	
		For >75 To 100, Deduct	*-58.95*	
		For >100, Deduct	*-70.74*	
23 81 16 00-0029	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2)	902.29	100.37
		For >10 To 50, Deduct	*-35.08*	
		For >50 To 75, Deduct	*-49.11*	
		For >75 To 100, Deduct	*-70.15*	
		For >100, Deduct	*-84.18*	
23 81 16 00-0030	EA	18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2)	963.38	100.37
		For >10 To 50, Deduct	*-38.13*	
		For >50 To 75, Deduct	*-53.38*	
		For >75 To 100, Deduct	*-76.26*	
		For >100, Deduct	*-91.52*	
23 81 16 00-0031	EA	25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2)	1,187.39	100.37
		For >10 To 50, Deduct	*-49.33*	
		For >50 To 75, Deduct	*-69.06*	
		For >75 To 100, Deduct	*-98.66*	
		For >100, Deduct	*-118.40*	

23 81 16 00-0032 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 16 00-0026)*

23 81 16 00-0033	EA	12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B)	1,459.73	100.37

23 81 16 00-0034 Accessories *(23 81 16 00-0001)*

23 81 16 00-0035	SET	Aluminum Air Conditioner Unit Frame And Bracket Assembly	379.01	53.53

23 81 16 00-0036 Removal And Reinstallation Of Room Air-Conditioners *(23 81 16)*

Note: Includes storage and cleaning.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0037	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash	119.50	
23 81 16 00-0038	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash	255.12	
23 81 16 00-0039		Through-The-Wall, Room Air-Conditioners *(23 81 16)* Note: Base unit excludes wall sleeve.		
23 81 16 00-0040		Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*		
23 81 16 00-0041		Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0040)*		
23 81 16 00-0042	EA	8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A)	916.96	71.70
		For >10 To 50, Deduct	*-38.68*	
		For >50 To 75, Deduct	*-54.15*	
		For >75 To 100, Deduct	*-77.36*	
		For >100, Deduct	*-92.83*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*219.82*	
23 81 16 00-0043	EA	9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B)	989.25	71.70
		For >10 To 50, Deduct	*-42.29*	
		For >50 To 75, Deduct	*-59.21*	
		For >75 To 100, Deduct	*-84.59*	
		For >100, Deduct	*-101.50*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*219.82*	
23 81 16 00-0044	EA	12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A)	1,123.52	71.70
		For >10 To 50, Deduct	*-49.01*	
		For >50 To 75, Deduct	*-68.61*	
		For >75 To 100, Deduct	*-98.01*	
		For >100, Deduct	*-117.62*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*219.82*	
23 81 16 00-0045	EA	10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A)	989.25	71.70
		For >10 To 50, Deduct	*-42.29*	
		For >50 To 75, Deduct	*-59.21*	
		For >75 To 100, Deduct	*-84.59*	
		For >100, Deduct	*-101.50*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*219.82*	
23 81 16 00-0046	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A)	1,123.52	71.70
		For >10 To 50, Deduct	*-49.01*	
		For >50 To 75, Deduct	*-68.61*	
		For >75 To 100, Deduct	*-98.01*	
		For >100, Deduct	*-117.62*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*219.82*	
23 81 16 00-0047		Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*		
23 81 16 00-0048		Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0047)*		
23 81 16 00-0049	EA	10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33)	1,154.50	71.70
		For >10 To 50, Deduct	*-50.56*	
		For >50 To 75, Deduct	*-70.78*	
		For >75 To 100, Deduct	*-101.11*	
		For >100, Deduct	*-121.33*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*219.82*	
23 81 16 00-0050	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33)	1,237.13	71.70
		For >10 To 50, Deduct	*-54.69*	
		For >50 To 75, Deduct	*-76.56*	
		For >75 To 100, Deduct	*-109.37*	
		For >100, Deduct	*-131.25*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*219.82*	
23 81 23		**Computer-Room Air-Conditioners** *(23 81)* Note: Includes equipment rigging. Indoor units include filters.		
23 81 23 12		**Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units** *(23 81 23)*		
23 81 23 12-0001		Floor Mounted Air Cooled Direct Expansion Type *(23 81 23 12)* Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.		
23 81 23 12-0002	EA	3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	29,663.00	2,040.38
		For Liebert Unit, Add	*3,324.88*	
23 81 23 12-0003	EA	5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	32,739.09	2,231.66
		For Liebert Unit, Add	*3,671.64*	
23 81 23 12-0004	EA	6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	45,307.26	2,550.47
		For Liebert Unit, Add	*5,189.23*	
23 81 23 12-0005	EA	8 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	49,591.32	2,709.87
		For Liebert Unit, Add	*5,695.10*	
23 81 23 12-0006	EA	10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	53,875.39	2,869.28
		For Liebert Unit, Add	*6,200.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0007	EA	16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	60,367.46	3,443.13
		For Liebert Unit, Add	*6,896.51*	
23 81 23 12-0008	EA	20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	68,205.72	3,825.71
		For Liebert Unit, Add	*7,814.44*	
23 81 23 12-0009	EA	22 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	71,359.77	3,951.89
		For Liebert Unit, Add	*8,181.50*	
23 81 23 12-0010	EA	24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	77,689.45	4,080.76
		For Liebert Unit, Add	*8,945.20*	
23 81 23 12-0011	EA	30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	84,030.68	4,590.84
		For Liebert Unit, Add	*9,650.31*	

23 81 23 12-0012 Floor Mounted Chilled Water Type *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.

23 81 23 12-0013	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	20,044.22	1,398.08
		For Liebert Unit, Add	*2,272.52*	
23 81 23 12-0014	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	21,539.58	1,548.64
		For Liebert Unit, Add	*2,434.34*	
23 81 23 12-0015	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	26,637.46	2,358.80
		For Liebert Unit, Add	*2,936.55*	
23 81 23 12-0016	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	27,850.19	2,389.87
		For Liebert Unit, Add	*3,083.00*	
23 81 23 12-0017	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	28,920.62	2,485.47
		For Liebert Unit, Add	*3,199.24*	
23 81 23 12-0018	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	29,598.48	2,724.45
		For Liebert Unit, Add	*3,245.73*	
23 81 23 12-0019	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	31,396.93	2,963.44
		For Liebert Unit, Add	*3,431.71*	

23 81 23 12-0020 Floor Mounted Water Source *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes water source.

23 81 23 12-0021	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	15,519.33	1,275.23
		For Liebert Unit, Add	*1,701.69*	
23 81 23 12-0022	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	17,081.18	1,338.99
		For Liebert Unit, Add	*1,884.95*	
23 81 23 12-0023	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	22,150.16	1,402.76
		For Liebert Unit, Add	*2,506.72*	
23 81 23 12-0024	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	23,870.18	1,530.28
		For Liebert Unit, Add	*2,696.53*	
23 81 23 12-0025	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	26,365.50	1,657.81
		For Liebert Unit, Add	*2,984.51*	
23 81 23 12-0026	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	27,399.05	1,785.33
		For Liebert Unit, Add	*3,089.23*	
23 81 23 12-0027	EA	15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	28,606.08	1,912.86
		For Liebert Unit, Add	*3,220.13*	
23 81 23 12-0028	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	29,414.46	2,040.38
		For Liebert Unit, Add	*3,298.66*	
23 81 23 12-0029	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	33,640.61	2,422.94
		For Liebert Unit, Add	*3,752.45*	

23 81 23 12-0030 Floor Mounted Glycol System Type *(23 81 23 12)*

Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.

23 81 23 12-0031	EA	3 Ton Computer Room Air Conditioner, Glycol System Type	28,916.64	1,398.08
		For Liebert Unit, Add	*3,381.57*	
23 81 23 12-0032	EA	5 Ton Computer Room Air Conditioner, Glycol System Type	31,130.32	1,548.64
		For Liebert Unit, Add	*3,633.19*	
23 81 23 12-0033	EA	6 Ton Computer Room Air Conditioner, Glycol System Type	47,971.09	1,735.05
		For Liebert Unit, Add	*5,707.21*	
23 81 23 12-0034	EA	9 Ton Computer Room Air Conditioner, Glycol System Type	49,511.17	1,921.46
		For Liebert Unit, Add	*5,868.66*	
23 81 23 12-0035	EA	10 Ton Computer Room Air Conditioner, Glycol System Type	52,994.40	2,107.87
		For Liebert Unit, Add	*6,272.99*	
23 81 23 12-0036	EA	16 Ton Computer Room Air Conditioner, Glycol System Type	63,416.13	2,389.87
		For Liebert Unit, Add	*7,526.71*	
23 81 23 12-0037	EA	20 Ton Computer Room Air Conditioner, Glycol System Type	69,521.07	2,485.47
		For Liebert Unit, Add	*8,274.30*	
23 81 23 12-0038	EA	22 Ton Computer Room Air Conditioner, Glycol System Type	72,107.56	2,724.45
		For Liebert Unit, Add	*8,559.37*	
23 81 23 12-0039	EA	30 Ton Computer Room Air Conditioner, Glycol System Type	87,800.34	2,963.44
		For Liebert Unit, Add	*10,482.13*	

23 81 23 12-0040 Removal And Reinstallation Of Computer Room Unit *(23 81 23 12)*

Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.

23 81 23 12-0041	EA	Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit	1,911.90	
23 81 23 12-0042	EA	Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit	1,593.24	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 81 23 13 Computer-Room Air-Conditioners, Ceiling Mounted Units *(23 81 23)*

23 81 23 13-0001 Ceiling Mounted Packaged Computer Room Air Conditioner *(23 81 23 13)*

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control.

23 81 23 13-0002	EA	1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	11,746.42	606.07
		For Liebert Unit, Add	*1,354.72*	
23 81 23 13-0003	EA	1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	12,993.84	727.86
		For Liebert Unit, Add	*1,487.82*	
23 81 23 13-0004	EA	2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	14,849.15	910.92
		For Liebert Unit, Add	*1,685.44*	
23 81 23 13-0005	EA	3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	18,238.65	1,062.73
		For Liebert Unit, Add	*2,080.68*	
23 81 23 13-0006	EA	5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	24,700.98	1,155.07
		For Liebert Unit, Add	*2,871.15*	

23 81 26 Split-System Air-Conditioners *(23 81)*

23 81 26 13 Small-Capacity Split-System Air-Conditioners *(23 81 26)*

23 81 26 13-0001 Split System A/C Unit *(23 81 26 13)*

See CSI section 22 07 19 00-0540 for insulation, 23 23 16 00-0001 for piping, 23 54 00 00-0000 for furnaces.

23 81 26 13-0002 Ductless Split System Air Conditioners *(23 81 26 13-0001)*

Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0024 for ductless heat pumps.

23 81 26 13-0003 Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*

23 81 26 13-0004	EA	9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,078.05	315.47
23 81 26 13-0005	EA	11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,247.59	344.14
23 81 26 13-0006	EA	17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,819.89	382.38
23 81 26 13-0007	EA	24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,131.83	420.62
23 81 26 13-0008	EA	25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,872.67	458.85
23 81 26 13-0009	EA	29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,687.43	477.97
23 81 26 13-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,243.91	509.52

23 81 26 13-0011 Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*

Note: Use this section only when matching indoor and outdoor capacity units are not used.

23 81 26 13-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	891.51	152.95
23 81 26 13-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	941.45	162.52
23 81 26 13-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	992.28	172.07
23 81 26 13-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,124.81	181.63
23 81 26 13-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,203.46	191.19
23 81 26 13-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,512.79	229.43
23 81 26 13-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,780.54	248.55
23 81 26 13-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	4,430.79	267.67

23 81 26 13-0020 Suspended Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*

Note: Excludes hangers.

23 81 26 13-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,225.78	458.85
23 81 26 13-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,368.22	547.76
23 81 26 13-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,797.30	573.57

23 81 26 13-0024 Recessed Ceiling Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*

Note: Excludes hangers.

23 81 26 13-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,183.47	382.38
23 81 26 13-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,716.26	420.62
23 81 26 13-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,186.72	497.09
23 81 26 13-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,009.13	547.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,617.75	573.57
23 81 26 13-0030		**Ductless Split System Accessories** *(23 81 26 13-0002)*		
23 81 26 13-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	9.28	1.37
23 81 26 13-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	11.75	1.51
23 81 26 13-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	14.48	1.66
23 81 26 13-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	15.79	2.57
23 81 26 13-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	25.92	2.82
23 81 26 13-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	29.45	3.11
23 81 26 13-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	38.26	5.14
23 81 26 13-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	61.19	5.65
23 81 26 13-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	68.25	6.22
23 81 26 13-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	50.00	5.48
23 81 26 13-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	58.33	6.03
23 81 26 13-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	88.21	6.64
23 81 26 13-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	38.26	5.14
23 81 26 13-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	61.19	5.65
23 81 26 13-0045	EA	6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	68.25	6.22
23 81 26 13-0046	EA	3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	51.32	8.57
23 81 26 13-0047	EA	4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	72.62	9.42
23 81 26 13-0048	EA	6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	86.17	10.36
23 81 26 13-0049	EA	2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers	26.55	1.71
23 81 26 13-0050	EA	3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	31.58	5.14
23 81 26 13-0051	EA	4" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	49.17	5.65
23 81 26 13-0052	EA	3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	28.91	5.14
23 81 26 13-0053	EA	4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	38.49	5.65
23 81 26 13-0054	EA	6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	41.54	6.22
23 81 26 13-0055	EA	4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	126.27	6.86
23 81 26 13-0056	EA	6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	143.03	7.54
23 81 26 13-0057	EA	14" Condensing Unit Mounting Blocks With End Caps	96.56	25.71
23 81 26 13-0058	EA	17" Condensing Unit Mounting Blocks With End Caps	105.77	27.41
23 81 26 13-0059	EA	36" Condensing Unit Mounting Blocks With End Caps	137.67	29.12
23 81 26 13-0060	EA	End Cap, Set of 4	13.34	
23 81 26 13-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity	202.58	51.40
23 81 26 13-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity	215.25	54.83
23 81 26 13-0063	LF	5/8" ID Condensate Drain Line	1.89	0.14
23 81 26 13-0064	LF	3/4" ID Condensate Drain Line	1.96	0.14
23 81 26 13-0065		**Cased A/C Evaporator Coils** *(23 81 26 13-0001)*		
23 81 26 13-0066		**Vertical Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0067	EA	1-1/2 Ton Vertical Cased A/C Evaporator Coil	455.08	97.32
23 81 26 13-0068	EA	2 Ton Vertical Cased A/C Evaporator Coil	476.97	104.62
23 81 26 13-0069	EA	2-1/2 Ton Vertical Cased A/C Evaporator Coil	558.25	111.92
23 81 26 13-0070	EA	3 Ton Vertical Cased A/C Evaporator Coil	630.15	119.22
23 81 26 13-0071	EA	3-1/2 Ton Vertical Cased A/C Evaporator Coil	719.05	124.09
23 81 26 13-0072	EA	4 Ton Vertical Cased A/C Evaporator Coil	795.47	128.95
23 81 26 13-0073	EA	4-1/2 Ton Vertical Cased A/C Evaporator Coil	854.51	138.69
23 81 26 13-0074	EA	5 Ton Vertical Cased A/C Evaporator Coil	864.96	145.98
23 81 26 13-0075		**"A" Style Horizontal Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0076	EA	2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	543.29	99.76
23 81 26 13-0077	EA	2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	617.99	105.35
23 81 26 13-0078	EA	3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	701.05	111.92
23 81 26 13-0079	EA	3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	726.76	115.96
23 81 26 13-0080	EA	4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	761.07	121.66
23 81 26 13-0081	EA	4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	773.85	127.98
23 81 26 13-0082	EA	5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	786.37	134.30
23 81 26 13-0083		**Slab Style Horizontal Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0084	EA	2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	483.91	99.76
23 81 26 13-0085	EA	3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	574.99	111.92
23 81 26 13-0086	EA	4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	658.98	121.66
23 81 26 13-0087	EA	5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	785.33	134.30
23 81 26 16		**Large-Capacity Split-System Air-Conditioners** *(23 81 26)*		
23 81 26 16-0001		**Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi)** *(23 81 26 16)*		
23 81 26 16-0002		**Outdoor Units** *(23 81 26 16-0001)*		
23 81 26 16-0003	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	11,452.34	501.87
23 81 26 16-0004	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	12,436.84	597.47
23 81 26 16-0005	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	14,018.35	716.96
23 81 26 16-0006	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	17,205.48	740.86
23 81 26 16-0007	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	22,806.41	764.76
23 81 26 16-0008	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	23,647.51	788.66
23 81 26 16-0009	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	24,488.62	812.56
23 81 26 16-0010	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	25,926.74	860.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0011	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	27,364.85	908.15
23 81 26 16-0012	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	30,599.77	955.94
23 81 26 16-0013	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	33,834.70	1,003.74
23 81 26 16-0014		**Indoor Units** *(23 81 26 16-0001)*		
23 81 26 16-0015	EA	6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,226.03	155.34
23 81 26 16-0016	EA	8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,290.62	167.29
23 81 26 16-0017	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,348.42	179.24
23 81 26 16-0018	EA	15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	1,416.39	191.19
23 81 26 16-0019	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	1,542.32	227.04
23 81 26 16-0020	EA	24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	1,730.82	274.84
23 81 26 16-0021	EA	30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	1,875.58	298.74
23 81 26 16-0022	EA	6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3)	1,755.46	170.87
23 81 26 16-0023	EA	8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3)	1,819.05	184.02
23 81 26 16-0024	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3)	1,919.92	197.17
23 81 26 16-0025	EA	15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3)	2,081.82	210.30
23 81 26 16-0026	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3)	2,208.15	249.74
23 81 26 16-0027	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3)	2,435.35	302.32
23 81 26 16-0028	EA	27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3)	2,559.94	315.47
23 81 26 16-0029	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3)	2,698.12	328.60
23 81 26 16-0030	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3)	2,990.98	361.46
23 81 26 16-0031	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3)	3,314.15	397.61
23 81 26 16-0032	EA	54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3)	3,590.30	437.38
23 81 26 16-0033	EA	72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	4,521.94	481.11
23 81 26 16-0034	EA	96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	5,126.69	529.22
23 81 26 16-0035	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E)	1,996.54	197.17
23 81 26 16-0036	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E)	2,106.23	210.30
23 81 26 16-0037	EA	18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E)	2,234.59	249.74
23 81 26 16-0038	EA	24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E)	2,514.00	302.32
23 81 26 16-0039	EA	30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E)	2,709.65	328.60
23 81 26 16-0040	EA	36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E)	3,299.49	361.47
23 81 26 16-0041	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5)	1,792.76	170.87
23 81 26 16-0042	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5)	1,886.85	184.02
23 81 26 16-0043	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5)	2,028.41	197.17
23 81 26 16-0044	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5)	2,136.06	210.30
23 81 26 16-0045	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4)	1,669.88	184.02
23 81 26 16-0046	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4)	1,757.19	197.17
23 81 26 16-0047	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4)	1,847.89	210.30
23 81 26 16-0048		**Controllers For Outdoor Units** *(23 81 26 16-0001)*		
23 81 26 16-0049	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1)	6,151.84	143.39
23 81 26 16-0050	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1)	7,114.98	167.29
23 81 26 16-0051	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA)	7,864.55	191.19
23 81 26 16-0052	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA)	9,329.45	215.09
23 81 26 16-0053	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB)	3,435.61	95.60
23 81 26 16-0054	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB)	5,290.73	143.39
23 81 26 16-0055	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB)	8,085.24	215.09
23 81 26 16-0056		**Energy Recovery Units** *(23 81 26 16-0001)*		
23 81 26 16-0057	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E2-AU)	4,368.59	143.39
23 81 26 16-0058	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU)	8,219.86	143.39
23 81 26 16-0059	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR)	8,345.62	167.29
23 81 26 16-0060	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E)	1,764.58	119.50
23 81 26 16-0061	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E)	2,238.60	124.27
23 81 26 16-0062	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E)	2,661.75	129.05
23 81 26 16-0063	EA	Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1)	4,819.49	143.39
23 81 26 16-0064		**Piping Specialties** *(23 81 26 16-0001)*		
23 81 26 16-0065	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E)	603.46	
23 81 26 16-0066	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2)	174.68	36.97
23 81 26 16-0067	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2)	174.68	36.97
23 81 26 16-0068	EA	Branch Joint (Mitsubishi CMY-Y202S-G2)	193.10	38.92
23 81 26 16-0069	EA	Branch Joint (Mitsubishi CMY-Y302S-G2)	240.12	43.78
23 81 26 16-0070	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E)	316.33	63.24
23 81 26 16-0071	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E)	544.52	126.48
23 81 26 16-0072	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI)	95.55	15.57
23 81 26 16-0073	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI)	109.26	21.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0074		Split System Air Conditioners (Daikin VRV) *(23 81 26 16)*		
23 81 26 16-0075		Heat Pump Outdoor Units *(23 81 26 16-0074)*		
23 81 26 16-0076	EA	6 Ton Heat Pump Outdoor Unit (Daikin RXYQ72PBTJ)	14,794.42	501.87
23 81 26 16-0077	EA	8 Ton Heat Pump Outdoor Unit (Daikin RXYQ96PBTJ)	16,558.25	597.47
23 81 26 16-0078	EA	10 Ton Heat Pump Outdoor Unit (Daikin RXYQ120PBTJ)	18,490.83	716.96
23 81 26 16-0079	EA	12 Ton Heat Pump Outdoor Unit (Daikin RXYQ144PBTJ)	23,014.55	740.86
23 81 26 16-0080	EA	14 Ton Heat Pump Outdoor Unit (Daikin RXYQ168PBTJ)	30,731.30	788.66
23 81 26 16-0081	EA	16 Ton Heat Pump Outdoor Unit (Daikin RXYQ192PBTJ)	32,472.69	812.56
23 81 26 16-0082	EA	18 Ton Heat Pump Outdoor Unit (Daikin RXYQ216PBTJ)	34,140.91	860.36
23 81 26 16-0083	EA	20 Ton Heat Pump Outdoor Unit (Daikin RXYQ240PBTJ)	35,930.10	908.15
23 81 26 16-0084	EA	22 Ton Heat Pump Outdoor Unit (Daikin RXYQ264PBTJ)	46,429.19	955.94
23 81 26 16-0085	EA	24 Ton Heat Pump Outdoor Unit (Daikin RXYQ288PBTJ)	48,218.39	1,003.74
23 81 26 16-0086	EA	26 Ton Heat Pump Outdoor Unit (Daikin RXYQ312PBTJ)	50,007.56	1,051.54
23 81 26 16-0087	EA	28 Ton Heat Pump Outdoor Unit (Daikin RXYQ336PBTJ)	51,675.78	1,099.34
23 81 26 16-0088	EA	30 Ton Heat Pump Outdoor Unit (Daikin RXYQ360PBTJ)	53,464.97	1,147.14
23 81 26 16-0089		Heat Recovery Heat Pump Outdoor Units *(23 81 26 16-0074)*		
23 81 26 16-0090	EA	6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ72PBTJ)	18,951.79	652.44
23 81 26 16-0091	EA	8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ96PBTJ)	20,705.62	776.71
23 81 26 16-0092	EA	10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ120PBTJ)	22,792.07	932.05
23 81 26 16-0093	EA	12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ144PBTJ)	28,539.83	963.12
23 81 26 16-0094	EA	14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ168PBTJ)	38,462.75	1,025.26
23 81 26 16-0095	EA	16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ192PBTJ)	41,428.20	1,056.32
23 81 26 16-0096	EA	18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ216PBTJ)	43,004.12	1,118.46
23 81 26 16-0097	EA	20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ240PBTJ)	44,580.05	1,180.59
23 81 26 16-0098	EA	22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ264PBTJ)	58,555.49	1,242.73
23 81 26 16-0099	EA	24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ288PBTJ)	60,131.41	1,304.87
23 81 26 16-0100	EA	26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ312PBTJ)	63,158.99	1,367.01
23 81 26 16-0101	EA	28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ336PBTJ)	64,734.91	1,429.14
23 81 26 16-0102		Indoor Units *(23 81 26 16-0074)*		
23 81 26 16-0103	EA	7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ07PVJU)	1,749.71	167.29
23 81 26 16-0104	EA	9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ09PVJU)	1,826.60	172.07
23 81 26 16-0105	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ12PVJU)	2,058.92	179.24
23 81 26 16-0106	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ18PVJU)	2,321.13	227.04
23 81 26 16-0107	EA	24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ24PVJU)	2,560.53	274.84
23 81 26 16-0108	EA	7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ07PVJU)	2,531.82	184.02
23 81 26 16-0109	EA	9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ09PVJU)	2,616.51	189.28
23 81 26 16-0110	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ12PVJU)	2,747.56	105.15
23 81 26 16-0111	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ18PVJU)	2,938.31	249.74
23 81 26 16-0112	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ24PVJU)	3,485.12	302.32
23 81 26 16-0113	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ30PVJU)	3,977.07	328.60
23 81 26 16-0114	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ36PVJU)	4,255.06	361.46
23 81 26 16-0115	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ48PVJU)	4,412.95	397.61
23 81 26 16-0116	EA	7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ07M7VJU)	2,821.70	184.02
23 81 26 16-0117	EA	9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ09M7VJU)	2,889.27	189.28
23 81 26 16-0118	EA	12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ12M7VJU)	3,070.53	197.17
23 81 26 16-0119	EA	18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ18M7VJU)	3,295.52	249.74
23 81 26 16-0120		Branch Selector Boxes *(23 81 26 16-0074)*		
23 81 26 16-0121	EA	144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin BSV4Q36PVJU)	8,414.25	215.09
23 81 26 16-0122	EA	216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin BSV6Q36PVJU)	12,428.72	286.79
23 81 26 16-0123	EA	36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin BSVQ36PVJU)	1,686.21	95.60
23 81 26 16-0124	EA	60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ60PVJU)	2,280.53	143.39
23 81 26 16-0125	EA	96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ96PVJU)	2,849.59	215.09
23 81 26 16-0126		Controllers *(23 81 26 16-0074)*		
23 81 26 16-0127	EA	Up To 16 Units, Navigation Controller (Daikin BRC1E71)	562.09	19.12
23 81 26 16-0128	EA	Individual Zone Controller (Daikin BRC2A71)	420.58	19.12
23 81 26 16-0129	EA	Up To 16 Groups, Unified ON/OFF Controller (Daikin DCS301C71)	766.37	19.12
23 81 26 16-0130	EA	Up To 64 Units, Multizone Controller (Daikin DCS302C71)	1,052.82	19.12
23 81 26 16-0131	EA	I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin DCM601A71)	9,940.55	229.43
23 81 26 16-0132	EA	I-Touch Manager D3net Plus Adapter (Daikin DCM601A72)	1,788.92	19.12
23 81 26 16-0133	EA	24 Volt AC, Wired Thermostat For Split A/C Systems (Daikin DACA-TS1-1)	400.89	33.75
23 81 26 16-0134		Energy Recovery Units *(23 81 26 16-0074)*		
23 81 26 16-0135	EA	300 CFM Energy Recovery Unit (Daikin VAM300GVJU)	2,931.16	119.50
23 81 26 16-0136	EA	470 CFM Energy Recovery Unit (Daikin VAM470GVJU)	3,787.52	124.27
23 81 26 16-0137	EA	600 CFM Energy Recovery Unit (Daikin VAM600GVJU)	4,522.90	129.05
23 81 26 16-0138	EA	1,200 CFM Energy Recovery Unit (Daikin VAM1200GVJU)	8,391.84	143.39

23 81 43 Air-Source Unitary Heat Pumps *(23 81)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0001		**Single Package Thru-Wall Heat Pumps** *(23 81 43)* Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 V, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel. See CSI section 01 22 23 00-0794 for crane lifting equipment.		
23 81 43 00-0002	EA	1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	1,771.35	155.73
		For Unit Economizer, Add	*235.95*	
		For >35 To 70, Deduct	*-44.11*	
		For >70 To 100, Deduct	*-73.51*	
		For >100, Deduct	*-102.92*	
		For Low Ambient Protection, 0 Degree F, Add	*207.59*	
23 81 43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	1,955.48	166.12
		For Unit Economizer, Add	*260.89*	
		For >35 To 70, Deduct	*-49.01*	
		For >70 To 100, Deduct	*-81.68*	
		For >100, Deduct	*-114.35*	
		For Low Ambient Protection, 0 Degree F, Add	*227.49*	
23 81 43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	3,327.73	166.12
		For Unit Economizer, Add	*453.01*	
		For >35 To 70, Deduct	*-90.18*	
		For >70 To 100, Deduct	*-150.29*	
		For >100, Deduct	*-210.41*	
		For Low Ambient Protection, 0 Degree F, Add	*350.99*	
23 81 43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	3,642.54	166.12
		For Unit Economizer, Add	*496.25*	
		For >35 To 70, Deduct	*-99.00*	
		For >70 To 100, Deduct	*-165.00*	
		For >100, Deduct	*-231.00*	
		For Low Ambient Protection, 0 Degree F, Add	*184.65*	
23 81 43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,120.73	176.50
		For Unit Economizer, Add	*562.37*	
		For >35 To 70, Deduct	*-112.72*	
		For >70 To 100, Deduct	*-187.87*	
		For >100, Deduct	*-263.01*	
		For Low Ambient Protection, 0 Degree F, Add	*203.57*	
23 81 43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,316.77	186.88
		For Unit Economizer, Add	*589.81*	
		For >35 To 70, Deduct	*-118.60*	
		For >70 To 100, Deduct	*-197.67*	
		For >100, Deduct	*-276.74*	
		For Low Ambient Protection, 0 Degree F, Add	*604.79*	
23 81 43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,860.29	186.88
		For Unit Economizer, Add	*665.08*	
		For >35 To 70, Deduct	*-134.28*	
		For >70 To 100, Deduct	*-223.81*	
		For >100, Deduct	*-313.33*	
		For Low Ambient Protection, 0 Degree F, Add	*677.93*	
23 81 43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,360.77	197.26
		For Unit Economizer, Add	*734.73*	
		For >35 To 70, Deduct	*-148.99*	
		For >70 To 100, Deduct	*-248.31*	
		For >100, Deduct	*-347.64*	
		For Low Ambient Protection, 0 Degree F, Add	*744.24*	
23 81 43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,174.53	228.41
		For Unit Economizer, Add	*846.16*	
		For >35 To 70, Deduct	*-171.53*	
		For >70 To 100, Deduct	*-285.89*	
		For >100, Deduct	*-400.24*	
		For Low Ambient Protection, 0 Degree F, Add	*857.51*	
23 81 43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	11,299.55	269.94
		For Unit Economizer, Add	*1,559.93*	
		For >35 To 70, Deduct	*-322.48*	
		For >70 To 100, Deduct	*-537.46*	
		For >100, Deduct	*-752.45*	
		For Low Ambient Protection, 0 Degree F, Add	*1,534.97*	
23 81 43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	14,548.79	342.61
		For Unit Economizer, Add	*2,009.01*	
		For >35 To 70, Deduct	*-415.60*	
		For >70 To 100, Deduct	*-692.66*	
		For >100, Deduct	*-969.72*	
		For Low Ambient Protection, 0 Degree F, Add	*312.43*	
23 81 43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	17,758.04	384.14
		For Unit Economizer, Add	*2,455.39*	
		For >35 To 70, Deduct	*-509.69*	
		For >70 To 100, Deduct	*-849.49*	
		For >100, Deduct	*-1,189.28*	
		For Low Ambient Protection, 0 Degree F, Add	*361.97*	
23 81 43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	21,902.89	436.06
		For Unit Economizer, Add	*3,031.94*	
		For >35 To 70, Deduct	*-631.23*	
		For >70 To 100, Deduct	*-1,052.06*	
		For >100, Deduct	*-1,472.88*	
		For Low Ambient Protection, 0 Degree F, Add	*425.84*	
23 81 43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	29,163.54	467.20
		For Unit Economizer, Add	*4,045.52*	
		For >35 To 70, Deduct	*-846.87*	
		For >70 To 100, Deduct	*-1,411.46*	
		For >100, Deduct	*-1,976.04*	
		For Low Ambient Protection, 0 Degree F, Add	*515.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	35,127.66	508.73
		For Unit Economizer, Add	*4,877.17*	
		For >35 To 70, Deduct	*-1,023.31*	
		For >70 To 100, Deduct	*-1,705.51*	
		For >100, Deduct	*-2,387.71*	
		For Low Ambient Protection, 0 Degree F, Add	*595.47*	

23 81 43 00-0017 Single Package Vertical Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0794 for crane lifting equipment.

23 81 43 00-0018	EA	1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	2,720.27	207.65
23 81 43 00-0019	EA	1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,296.65	228.41
23 81 43 00-0020	EA	1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,255.80	238.79
23 81 43 00-0021	EA	2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,877.65	259.55
23 81 43 00-0022	EA	2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,096.64	301.08
23 81 43 00-0023	EA	3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,515.03	342.61
23 81 43 00-0024	EA	3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,077.66	384.14
23 81 43 00-0025	EA	4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,963.28	425.67
23 81 43 00-0026	EA	5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,981.34	508.73

23 81 43 00-0027 Heat Pump, Room Air-Conditioners *(23 81 43)*

Note: Includes throwaway filters and supplemental heat.

23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0027)*

23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 43 00-0028)*

23 81 43 00-0030	EA	10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C)	1,490.72	100.37
		For >10 To 50, Deduct	*-64.50*	
		For >50 To 75, Deduct	*-90.30*	
		For >75 To 100, Deduct	*-129.00*	
		For >100, Deduct	*-154.80*	
23 81 43 00-0031	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C)	1,676.62	100.37
		For >10 To 50, Deduct	*-73.79*	
		For >50 To 75, Deduct	*-103.31*	
		For >75 To 100, Deduct	*-147.59*	
		For >100, Deduct	*-177.10*	
23 81 43 00-0032	EA	17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A)	1,955.48	100.37
		For >10 To 50, Deduct	*-87.74*	
		For >50 To 75, Deduct	*-122.83*	
		For >75 To 100, Deduct	*-175.47*	
		For >100, Deduct	*-210.57*	
23 81 43 00-0033	EA	24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D)	2,265.32	100.37
		For >10 To 50, Deduct	*-103.23*	
		For >50 To 75, Deduct	*-144.52*	
		For >75 To 100, Deduct	*-206.46*	
		For >100, Deduct	*-247.75*	

23 81 43 00-0034 Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0027)*

Note: Base unit excludes wall sleeve.

23 81 43 00-0035 Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 43 00-0034)*

23 81 43 00-0036	EA	9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D)	1,485.00	71.70
		For >10 To 50, Deduct	*-67.08*	
		For >50 To 75, Deduct	*-93.91*	
		For >75 To 100, Deduct	*-134.16*	
		For >100, Deduct	*-160.99*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*219.82*	
23 81 43 00-0037	EA	11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A)	1,485.00	71.70
		For >10 To 50, Deduct	*-67.08*	
		For >50 To 75, Deduct	*-93.91*	
		For >75 To 100, Deduct	*-134.16*	
		For >100, Deduct	*-160.99*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*219.82*	

23 81 49 Split System Heat Pumps *(23 81)*

23 81 49 00-0001 Air Cooled, Outdoor Section *(23 81 49)*

23 81 49 00-0002	EA	1.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	3,576.21	308.35
		For Low Ambient Protection, 0 Degree F, Add	*645.33*	
		For Winterstart Control, Add	*171.08*	
		For 16 SEER, Add	*901.61*	
		For 18 SEER, Add	*1,367.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0003	EA	2 Ton, 14 SEER, Outdoor Heat Pump Unit	3,688.72	342.61
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*668.61*	
		For Winterstart Control, Add	*178.70*	
		For 16 SEER, Add	*919.18*	
		For 18 SEER, Add	*1,394.62*	
23 81 49 00-0004	EA	2.5 Ton, 14 SEER, Outdoor Heat Pump Unit	4,030.86	397.65
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*733.42*	
		For Winterstart Control, Add	*197.37*	
		For 16 SEER, Add	*994.32*	
		For 18 SEER, Add	*1,508.62*	
23 81 49 00-0005	EA	3 Ton, 14 SEER, Outdoor Heat Pump Unit	4,400.84	456.82
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*618.08*	
		For Winterstart Control, Add	*217.56*	
		For 16 SEER, Add	*1,075.51*	
		For 18 SEER, Add	*1,631.81*	
23 81 49 00-0006	EA	3.5 Ton, 14 SEER, Outdoor Heat Pump Unit	4,540.25	474.47
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*638.27*	
		For Winterstart Control, Add	*224.74*	
		For 16 SEER, Add	*1,108.23*	
		For 18 SEER, Add	*1,681.46*	
23 81 49 00-0007	EA	4 Ton, 14 SEER, Outdoor Heat Pump Unit	5,043.11	545.07
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*706.40*	
		For Winterstart Control, Add	*248.44*	
		For 16 SEER, Add	*1,236.69*	
		For 18 SEER, Add	*1,876.35*	
23 81 49 00-0008	EA	5 Ton, 14 SEER, Outdoor Heat Pump Unit	5,741.54	599.58
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*458.39*	
		For Winterstart Control, Add	*134.50*	
		For 16 SEER, Add	*1,416.65*	
		For 18 SEER, Add	*2,149.40*	
23 81 49 00-0009	EA	7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit	6,012.34	669.17
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*491.81*	
		For Winterstart Control, Add	*146.16*	
23 81 49 00-0010	EA	10 Ton, 11.1 EER, Outdoor Heat Pump Unit	8,307.12	802.99
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*367.85*	
		For Winterstart Control, Add	*186.48*	
23 81 49 00-0011	EA	15 Ton, 10.9 EER, Outdoor Heat Pump Unit	10,916.70	936.83
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*414.38*	
		For Winterstart Control, Add	*229.33*	
23 81 49 00-0012	EA	20 Ton, 10.3 EER, Outdoor Heat Pump Unit	19,562.09	1,003.74
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*439.01*	
		For Winterstart Control, Add	*324.65*	

23 81 49 00-0013 Indoor Section, Horizontal Upflow *(23 81 49)*

Note: Electric heat. Includes throwaway filters.

23 81 49 00-0014	EA	2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,042.32	102.29
		For Additional 5 KW Electric Heat, Add	*93.95*	
23 81 49 00-0015	EA	2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,150.80	127.43
		For Additional 5 KW Electric Heat, Add	*102.33*	
23 81 49 00-0016	EA	3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,204.26	153.91
		For Additional 5 KW Electric Heat, Add	*105.01*	
23 81 49 00-0017	EA	3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,619.64	180.20
		For Additional 5 KW Electric Heat, Add	*143.93*	
23 81 49 00-0018	EA	4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,665.69	203.14
		For Additional 5 KW Electric Heat, Add	*146.23*	
23 81 49 00-0019	EA	5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,848.59	233.25
		For Additional 5 KW Electric Heat, Add	*161.54*	
23 81 49 00-0020	EA	7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	3,929.93	382.38
		For Additional 5 KW Electric Heat, Add	*354.76*	
23 81 49 00-0021	EA	10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat	5,776.99	430.17
		For Additional 5 KW Electric Heat, Add	*534.68*	
23 81 49 00-0022	EA	15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	8,088.49	477.97
		For Additional 5 KW Electric Heat, Add	*761.05*	
23 81 49 00-0023	EA	20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	9,197.01	573.57
		For Additional 5 KW Electric Heat, Add	*862.34*	

23 81 49 00-0024 Ductless Split System Heat Pumps *(23 81 49)*

Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.

23 81 49 00-0025 Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0024)*

23 81 49 00-0026	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps	2,257.60	315.47
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0027	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	2,493.57	344.14
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0028	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps	3,049.71	382.38
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0029	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,513.37	420.62
23 81 49 00-0030	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,015.71	458.85
23 81 49 00-0031	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,823.89	477.97
23 81 49 00-0032	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,392.04	509.52
23 81 49 00-0033		Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0024)* Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 49 00-0034	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	931.01	152.95
23 81 49 00-0035	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	981.85	162.52
23 81 49 00-0036	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,033.58	172.07
23 81 49 00-0037	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,179.57	181.63
23 81 49 00-0038	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,257.32	191.19
23 81 49 00-0039	EA	19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	2,844.95	229.43
23 81 49 00-0040	EA	23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	3,377.53	248.55
23 81 49 00-0041	EA	30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	5,514.35	267.67
23 81 49 00-0042		Suspended Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0024)* Note: Excludes hangers.		
23 81 49 00-0043	EA	24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,369.42	458.85
23 81 49 00-0044	EA	31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,516.35	547.76
23 81 49 00-0045	EA	39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,887.07	573.57
23 81 49 00-0046		Recessed Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0024)* Note: Excludes hangers.		
23 81 49 00-0047	EA	11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,542.57	382.38
23 81 49 00-0048	EA	17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,018.79	420.62
23 81 49 00-0049	EA	24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,330.36	497.09
23 81 49 00-0050	EA	32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,157.26	547.76
23 81 49 00-0051	EA	39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,707.53	573.57

23 82 Convection Heating And Cooling Units *(23 80)*

23 82 16 Air Coils *(23 82)*

23 82 16 11 Hydronic Air Coils *(23 82 16)*

23 82 16 11-0001 Chilled Water Cooling Coils *(23 82 16 11)*
Note: Flanged construction, 16 gauge galvanized steel casing.

23 82 16 11-0002 2 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*

23 82 16 11-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	979.34	48.66
23 82 16 11-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,611.66	66.17
23 82 16 11-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,183.93	104.13
23 82 16 11-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,662.65	148.91
23 82 16 11-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,851.35	182.97
23 82 16 11-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,207.26	221.89
23 82 16 11-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,456.34	256.93
23 82 16 11-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,761.31	453.92
23 82 16 11-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,254.17	172.55
23 82 16 11-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,944.84	293.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,302.43	364.96
23 82 16 11-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,670.49	440.78
23 82 16 11-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,030.83	513.28
23 82 16 11-0016		4 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0017	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,222.75	101.21
23 82 16 11-0018	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,956.50	145.98
23 82 16 11-0019	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,696.60	243.31
23 82 16 11-0020	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,338.89	361.06
23 82 16 11-0021	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,876.74	442.82
23 82 16 11-0022	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,617.35	541.12
23 82 16 11-0023	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,173.61	649.14
23 82 16 11-0024	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,136.67	755.62
23 82 16 11-0025	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,134.07	326.13
23 82 16 11-0026	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,045.38	490.51
23 82 16 11-0027	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,511.71	608.27
23 82 16 11-0028	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,091.35	732.84
23 82 16 11-0029	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,618.91	856.73
23 82 16 11-0030		6 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0031	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,718.11	128.47
23 82 16 11-0032	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,047.65	190.76
23 82 16 11-0033	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,824.81	325.06
23 82 16 11-0034	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,863.21	486.61
23 82 16 11-0035	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,058.51	608.27
23 82 16 11-0036	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,781.24	748.42
23 82 16 11-0037	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,733.48	884.67
23 82 16 11-0038	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,524.03	1,030.94
23 82 16 11-0039	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,945.71	445.64
23 82 16 11-0040	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,108.28	668.42
23 82 16 11-0041	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,802.03	836.97
23 82 16 11-0042	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,473.11	1,005.45
23 82 16 11-0043	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,146.21	1,169.73
23 82 16 11-0044		8 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0045	EA	12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,144.95	154.74
23 82 16 11-0046	EA	12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,650.73	237.47
23 82 16 11-0047	EA	24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,991.27	423.36
23 82 16 11-0048	EA	24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,343.61	649.14
23 82 16 11-0049	EA	30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,433.02	811.67
23 82 16 11-0050	EA	30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,488.42	973.23
23 82 16 11-0051	EA	30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,588.69	1,081.26
23 82 16 11-0052	EA	30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,528.19	1,254.20
23 82 16 11-0053	EA	34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,522.49	543.06
23 82 16 11-0054	EA	34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,875.78	816.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0055	EA	34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,681.45	1,017.03
23 82 16 11-0056	EA	34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,453.17	1,216.54
23 82 16 11-0057	EA	34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,270.03	1,431.23

23 82 16 11-0058 Hot Water Heating Coils *(23 82 16 11)*

Note: Flanged construction.

23 82 16 11-0059 1 Row Hot Water Heating Coils *(23 82 16 11-0058)*

23 82 16 11-0060	EA	12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction	1,011.04	131.38
		For 10 Fins Per Inch, Add	*14.96*	
		For 12 Fins Per Inch, Add	*37.40*	
		For 230 PSIG Heavy Duty, Add	*228.51*	
23 82 16 11-0061	EA	12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction	1,491.58	168.36
		For 10 Fins Per Inch, Add	*23.12*	
		For 12 Fins Per Inch, Add	*57.80*	
		For 230 PSIG Heavy Duty, Add	*331.88*	
23 82 16 11-0062	EA	24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction	1,823.44	231.63
		For 10 Fins Per Inch, Add	*27.20*	
		For 12 Fins Per Inch, Add	*68.00*	
		For 230 PSIG Heavy Duty, Add	*411.03*	
23 82 16 11-0063	EA	24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	2,178.81	325.06
		For 10 Fins Per Inch, Add	*30.60*	
		For 12 Fins Per Inch, Add	*76.50*	
		For 230 PSIG Heavy Duty, Add	*500.64*	
23 82 16 11-0064	EA	30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	2,478.58	389.29
		For 10 Fins Per Inch, Add	*34.00*	
		For 12 Fins Per Inch, Add	*85.00*	
		For 230 PSIG Heavy Duty, Add	*573.58*	
23 82 16 11-0065	EA	30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction	2,911.22	486.61
		For 10 Fins Per Inch, Add	*38.76*	
		For 12 Fins Per Inch, Add	*96.90*	
		For 230 PSIG Heavy Duty, Add	*679.57*	
23 82 16 11-0066	EA	30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	3,257.36	540.14
		For 10 Fins Per Inch, Add	*43.52*	
		For 12 Fins Per Inch, Add	*108.80*	
		For 230 PSIG Heavy Duty, Add	*759.61*	
23 82 16 11-0067	EA	30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	4,018.82	628.03
		For 10 Fins Per Inch, Add	*55.16*	
		For 12 Fins Per Inch, Add	*137.91*	
		For 230 PSIG Heavy Duty, Add	*929.83*	
23 82 16 11-0068	EA	34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction	1,735.15	272.11
		For 10 Fins Per Inch, Add	*23.82*	
		For 12 Fins Per Inch, Add	*59.54*	
		For 230 PSIG Heavy Duty, Add	*401.46*	
23 82 16 11-0069	EA	34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	2,602.71	408.27
		For 10 Fins Per Inch, Add	*35.72*	
		For 12 Fins Per Inch, Add	*89.31*	
		For 230 PSIG Heavy Duty, Add	*602.19*	
23 82 16 11-0070	EA	34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	3,914.45	617.51
		For 10 Fins Per Inch, Add	*53.59*	
		For 12 Fins Per Inch, Add	*133.97*	
		For 230 PSIG Heavy Duty, Add	*906.40*	
23 82 16 11-0071	EA	34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	4,557.13	715.62
		For 10 Fins Per Inch, Add	*62.52*	
		For 12 Fins Per Inch, Add	*156.30*	
		For 230 PSIG Heavy Duty, Add	*1,054.55*	
23 82 16 11-0072	SF	>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction	208.91	36.00
		For 10 Fins Per Inch, Add	*2.74*	
		For 12 Fins Per Inch, Add	*6.84*	
		For 230 PSIG Heavy Duty, Add	*48.99*	

23 82 16 11-0073 2 Row Hot Water Heating Coils *(23 82 16 11-0058)*

23 82 16 11-0074	EA	12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction	1,616.40	162.53
		For 10 Fins Per Inch, Add	*25.84*	
		For 12 Fins Per Inch, Add	*64.60*	
		For 230 PSIG Heavy Duty, Add	*355.72*	
23 82 16 11-0075	EA	12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction	1,758.54	216.06
		For 10 Fins Per Inch, Add	*26.52*	
		For 12 Fins Per Inch, Add	*66.30*	
		For 230 PSIG Heavy Duty, Add	*394.96*	
23 82 16 11-0076	EA	24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction	2,382.81	325.06
		For 10 Fins Per Inch, Add	*34.68*	
		For 12 Fins Per Inch, Add	*86.70*	
		For 230 PSIG Heavy Duty, Add	*541.44*	
23 82 16 11-0077	EA	24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	2,898.88	463.25
		For 10 Fins Per Inch, Add	*39.44*	
		For 12 Fins Per Inch, Add	*98.60*	
		For 230 PSIG Heavy Duty, Add	*672.47*	
23 82 16 11-0078	EA	30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	3,354.97	572.26
		For 10 Fins Per Inch, Add	*44.20*	
		For 12 Fins Per Inch, Add	*110.50*	
		For 230 PSIG Heavy Duty, Add	*785.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0079	EA	30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction	3,600.32	694.89
		For 10 Fins Per Inch, Add	*44.20*	
		For 12 Fins Per Inch, Add	*110.50*	
		For 230 PSIG Heavy Duty, Add	*859.10*	
23 82 16 11-0080	EA	30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	4,070.03	811.67
		For 10 Fins Per Inch, Add	*48.96*	
		For 12 Fins Per Inch, Add	*122.40*	
		For 230 PSIG Heavy Duty, Add	*976.21*	
23 82 16 11-0081	EA	30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	4,989.04	943.06
		For 10 Fins Per Inch, Add	*62.06*	
		For 12 Fins Per Inch, Add	*155.15*	
		For 230 PSIG Heavy Duty, Add	*1,186.42*	
23 82 16 11-0082	EA	34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction	2,153.41	406.91
		For 10 Fins Per Inch, Add	*26.79*	
		For 12 Fins Per Inch, Add	*66.98*	
		For 230 PSIG Heavy Duty, Add	*512.06*	
23 82 16 11-0083	EA	34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	3,232.17	611.29
		For 10 Fins Per Inch, Add	*40.19*	
		For 12 Fins Per Inch, Add	*100.48*	
		For 230 PSIG Heavy Duty, Add	*768.70*	
23 82 16 11-0084	EA	34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	4,857.50	921.65
		For 10 Fins Per Inch, Add	*60.29*	
		For 12 Fins Per Inch, Add	*150.71*	
		For 230 PSIG Heavy Duty, Add	*1,155.82*	
23 82 16 11-0085	EA	34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	5,669.84	1,076.58
		For 10 Fins Per Inch, Add	*70.33*	
		For 12 Fins Per Inch, Add	*175.83*	
		For 230 PSIG Heavy Duty, Add	*1,349.29*	

23 82 16 11-0086 Hot Water Preheat Coils For Multi-Zone Air Handling Units *(23 82 16 11)*

Note: 2 Row coils. Coils are sized by air handling unit capacity.

23 82 16 11-0087	EA	3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,310.58	123.60
23 82 16 11-0088	EA	4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,664.18	122.63
23 82 16 11-0089	EA	5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,034.43	131.38
23 82 16 11-0090	EA	6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,360.24	143.06
23 82 16 11-0091	EA	7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,373.45	149.87
23 82 16 11-0092	EA	9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,863.92	157.66
23 82 16 11-0093	EA	11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,971.88	177.13
23 82 16 11-0094	EA	13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,287.22	198.53
23 82 16 11-0095	EA	16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,704.72	237.47
23 82 16 11-0096	EA	19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,035.07	249.15
23 82 16 11-0097	EA	22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,150.04	263.74
23 82 16 11-0098	EA	27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	6,568.87	361.06
23 82 16 11-0099	EA	34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	8,249.11	442.82
23 82 16 11-0100	EA	40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	9,590.30	463.25
23 82 16 11-0101	EA	47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	11,264.30	540.14

23 82 16 12 Steam Air Coils *(23 82 16)*

23 82 16 12-0001 Steam Heating Coils *(23 82 16 12)*

Note: Flanged construction.

23 82 16 12-0002	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction	1,133.91	91.49
		For 2 Row Coil, Add	*376.56*	
		For 4 Row Coil, Add	*985.35*	
23 82 16 12-0003	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction	1,272.78	126.52
		For 2 Row Coil, Add	*432.39*	
		For 4 Row Coil, Add	*1,126.92*	
23 82 16 12-0004	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction	1,710.65	226.76
		For 2 Row Coil, Add	*603.73*	
		For 4 Row Coil, Add	*1,563.16*	
23 82 16 12-0005	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction	2,178.81	325.06
		For 2 Row Coil, Add	*783.41*	
		For 4 Row Coil, Add	*2,022.04*	
23 82 16 12-0006	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction	2,444.58	389.29
		For 2 Row Coil, Add	*889.09*	
		For 4 Row Coil, Add	*2,290.46*	
23 82 16 12-0007	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction	2,775.22	486.61
		For 2 Row Coil, Add	*1,027.21*	
		For 4 Row Coil, Add	*2,638.66*	
23 82 16 12-0008	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction	3,053.36	540.14
		For 2 Row Coil, Add	*1,132.28*	
		For 4 Row Coil, Add	*2,907.68*	
23 82 16 12-0009	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction	3,760.23	630.36
		For 2 Row Coil, Add	*1,380.20*	
		For 4 Row Coil, Add	*3,550.27*	
23 82 16 12-0010	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction	1,623.50	272.11
		For 2 Row Coil, Add	*595.91*	
		For 4 Row Coil, Add	*1,532.85*	
23 82 16 12-0011	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction	2,435.25	408.27
		For 2 Row Coil, Add	*893.87*	
		For 4 Row Coil, Add	*2,299.28*	
23 82 16 12-0012	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction	3,650.82	611.29
		For 2 Row Coil, Add	*1,339.78*	
		For 4 Row Coil, Add	*3,446.40*	
23 82 16 12-0013	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction	4,264.08	715.62
		For 2 Row Coil, Add	*1,565.47*	
		For 4 Row Coil, Add	*4,026.69*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 82 16 13 Refrigerant Air Coils *(23 82 16)*

23 82 16 13-0001 Direct Expansion Cooling Coils *(23 82 16 13)*

Note: Flanged construction 16 gauge galvanized steel casing.

23 82 16 13-0002 2 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0003	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	833.15	73.00
		For 10 Fins Per Inch, Add	*13.74*	
		For 12 Fins Per Inch, Add	*34.34*	
23 82 16 13-0004	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,574.26	100.24
		For 10 Fins Per Inch, Add	*27.47*	
		For 12 Fins Per Inch, Add	*68.68*	
23 82 16 13-0005	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,183.93	157.66
		For 10 Fins Per Inch, Add	*37.40*	
		For 12 Fins Per Inch, Add	*93.50*	
23 82 16 13-0006	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,662.65	226.76
		For 10 Fins Per Inch, Add	*44.20*	
		For 12 Fins Per Inch, Add	*110.50*	
23 82 16 13-0007	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,106.11	277.37
		For 10 Fins Per Inch, Add	*51.00*	
		For 12 Fins Per Inch, Add	*127.50*	
23 82 16 13-0008	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,493.17	335.76
		For 10 Fins Per Inch, Add	*56.44*	
		For 12 Fins Per Inch, Add	*141.10*	
23 82 16 13-0009	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,008.57	389.29
		For 10 Fins Per Inch, Add	*64.60*	
		For 12 Fins Per Inch, Add	*161.50*	
23 82 16 13-0010	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,002.02	453.92
		For 10 Fins Per Inch, Add	*81.88*	
		For 12 Fins Per Inch, Add	*204.71*	
23 82 16 13-0011	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,919.15	172.55
		For 10 Fins Per Inch, Add	*31.48*	
		For 12 Fins Per Inch, Add	*78.70*	
23 82 16 13-0012	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,531.18	293.82
		For 10 Fins Per Inch, Add	*38.87*	
		For 12 Fins Per Inch, Add	*97.17*	
23 82 16 13-0013	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,181.06	440.78
		For 10 Fins Per Inch, Add	*45.99*	
		For 12 Fins Per Inch, Add	*114.98*	
23 82 16 13-0014	EA	34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,503.55	513.28
		For 10 Fins Per Inch, Add	*49.54*	
		For 12 Fins Per Inch, Add	*123.85*	

23 82 16 13-0015 4 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0016	EA	12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,368.95	101.21
		For 10 Fins Per Inch, Add	*23.32*	
		For 12 Fins Per Inch, Add	*58.31*	
23 82 16 13-0017	EA	12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,956.50	145.98
		For 10 Fins Per Inch, Add	*33.32*	
		For 12 Fins Per Inch, Add	*83.30*	
23 82 16 13-0018	EA	24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,696.60	243.31
		For 10 Fins Per Inch, Add	*44.20*	
		For 12 Fins Per Inch, Add	*110.50*	
23 82 16 13-0019	EA	24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,338.89	361.06
		For 10 Fins Per Inch, Add	*52.36*	
		For 12 Fins Per Inch, Add	*130.90*	
23 82 16 13-0020	EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,876.74	442.82
		For 10 Fins Per Inch, Add	*59.84*	
		For 12 Fins Per Inch, Add	*149.60*	
23 82 16 13-0021	EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,617.35	541.12
		For 10 Fins Per Inch, Add	*70.72*	
		For 12 Fins Per Inch, Add	*176.80*	
23 82 16 13-0022	EA	30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,173.61	649.14
		For 10 Fins Per Inch, Add	*77.52*	
		For 12 Fins Per Inch, Add	*193.80*	
23 82 16 13-0023	EA	30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,136.67	755.62
		For 10 Fins Per Inch, Add	*72.51*	
		For 12 Fins Per Inch, Add	*181.27*	
23 82 16 13-0024	EA	34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,134.07	326.13
		For 10 Fins Per Inch, Add	*49.64*	
		For 12 Fins Per Inch, Add	*124.09*	
23 82 16 13-0025	EA	34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,045.38	490.51
		For 10 Fins Per Inch, Add	*61.29*	
		For 12 Fins Per Inch, Add	*153.22*	
23 82 16 13-0026	EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,190.88	862.77
		For 10 Fins Per Inch, Add	*89.31*	
		For 12 Fins Per Inch, Add	*223.26*	
23 82 16 13-0027	EA	34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,100.12	1,005.45
		For 10 Fins Per Inch, Add	*101.79*	
		For 12 Fins Per Inch, Add	*254.47*	

23 82 16 13-0028 6 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0029	EA	12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,752.11	127.49
		For 10 Fins Per Inch, Add	*29.92*	
		For 12 Fins Per Inch, Add	*74.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0030	EA	12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,047.65	190.76
		For 10 Fins Per Inch, Add	*33.32*	
		For 12 Fins Per Inch, Add	*83.30*	
23 82 16 13-0031	EA	24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,994.80	325.06
		For 10 Fins Per Inch, Add	*46.92*	
		For 12 Fins Per Inch, Add	*117.30*	
23 82 16 13-0032	EA	24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,863.21	486.61
		For 10 Fins Per Inch, Add	*57.80*	
		For 12 Fins Per Inch, Add	*144.50*	
23 82 16 13-0033	EA	30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,058.51	608.27
		For 10 Fins Per Inch, Add	*76.84*	
		For 12 Fins Per Inch, Add	*192.10*	
23 82 16 13-0034	EA	30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,781.24	748.42
		For 10 Fins Per Inch, Add	*85.68*	
		For 12 Fins Per Inch, Add	*214.20*	
23 82 16 13-0035	EA	30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,733.48	884.67
		For 10 Fins Per Inch, Add	*99.28*	
		For 12 Fins Per Inch, Add	*248.20*	
23 82 16 13-0036	EA	30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,524.03	1,030.94
		For 10 Fins Per Inch, Add	*89.24*	
		For 12 Fins Per Inch, Add	*223.11*	
23 82 16 13-0037	EA	34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,945.71	445.64
		For 10 Fins Per Inch, Add	*61.09*	
		For 12 Fins Per Inch, Add	*152.72*	
23 82 16 13-0038	EA	34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,108.28	668.42
		For 10 Fins Per Inch, Add	*75.43*	
		For 12 Fins Per Inch, Add	*188.57*	
23 82 16 13-0039	EA	34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,456.63	997.17
		For 10 Fins Per Inch, Add	*89.25*	
		For 12 Fins Per Inch, Add	*223.12*	
23 82 16 13-0040	EA	34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,146.21	1,169.73
		For 10 Fins Per Inch, Add	*96.13*	
		For 12 Fins Per Inch, Add	*240.34*	

23 82 16 13-0041 8 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0042	EA	12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,178.95	153.77
		For 10 Fins Per Inch, Add	*37.40*	
		For 12 Fins Per Inch, Add	*93.50*	
23 82 16 13-0043	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,650.73	237.47
		For 10 Fins Per Inch, Add	*43.52*	
		For 12 Fins Per Inch, Add	*108.80*	
23 82 16 13-0044	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,991.27	423.36
		For 10 Fins Per Inch, Add	*62.90*	
		For 12 Fins Per Inch, Add	*157.25*	
23 82 16 13-0045	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,343.61	649.14
		For 10 Fins Per Inch, Add	*80.92*	
		For 12 Fins Per Inch, Add	*202.30*	
23 82 16 13-0046	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,433.02	811.67
		For 10 Fins Per Inch, Add	*96.22*	
		For 12 Fins Per Inch, Add	*240.55*	
23 82 16 13-0047	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,488.42	973.23
		For 10 Fins Per Inch, Add	*110.84*	
		For 12 Fins Per Inch, Add	*277.10*	
23 82 16 13-0048	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,588.69	1,081.26
		For 10 Fins Per Inch, Add	*128.52*	
		For 12 Fins Per Inch, Add	*321.30*	
23 82 16 13-0049	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,528.19	1,254.20
		For 10 Fins Per Inch, Add	*100.40*	
		For 12 Fins Per Inch, Add	*250.99*	
23 82 16 13-0050	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,522.49	543.06
		For 10 Fins Per Inch, Add	*68.73*	
		For 12 Fins Per Inch, Add	*171.82*	
23 82 16 13-0051	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,875.78	816.44
		For 10 Fins Per Inch, Add	*84.86*	
		For 12 Fins Per Inch, Add	*212.14*	
23 82 16 13-0052	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,477.74	1,228.80
		For 10 Fins Per Inch, Add	*100.40*	
		For 12 Fins Per Inch, Add	*251.00*	
23 82 16 13-0053	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,270.03	1,431.23
		For 10 Fins Per Inch, Add	*108.15*	
		For 12 Fins Per Inch, Add	*270.38*	

23 82 16 14 Electric-Resistance Air Coils *(23 82 16)*

23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater *(23 82 16 14)*

23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element *(23 82 16 14-0001)*

23 82 16 14-0003	EA	1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	342.13	73.61
23 82 16 14-0004	EA	1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	354.39	79.34
23 82 16 14-0005	EA	2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	368.87	86.99
23 82 16 14-0006	EA	3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	373.74	89.86
23 82 16 14-0007	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	386.25	95.60
23 82 16 14-0008	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	400.64	103.24
23 82 16 14-0009	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	459.25	115.67
23 82 16 14-0010	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	470.91	121.41
23 82 16 14-0011	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	480.46	125.23
23 82 16 14-0012	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	494.45	132.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 14-0013	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	537.93	140.53
23 82 16 14-0014	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	565.15	153.91
23 82 16 14-0015	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	592.19	167.29
23 82 16 14-0016	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	619.50	180.67
23 82 16 14-0017	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	812.31	252.37
23 82 16 14-0018	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,360.21	268.62
23 82 16 14-0019	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,501.33	307.81
23 82 16 14-0020	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,762.74	341.28
23 82 16 14-0021	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,856.10	370.91
23 82 16 14-0022	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,033.93	407.23
23 82 16 14-0023	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,466.59	434.95
23 82 16 14-0024	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,704.51	467.46
23 82 16 14-0025	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,252.80	504.74
23 82 16 14-0026	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,653.69	548.71

23 82 16 14-0027 Electric Slip-In Blast Coil Heater With Finned Tubular Element *(23 82 16 14-0001)*

23 82 16 14-0028	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	852.00	105.15
23 82 16 14-0029	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	890.36	114.72
23 82 16 14-0030	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	910.27	114.72
23 82 16 14-0031	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	951.53	126.18
23 82 16 14-0032	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,283.94	126.18
23 82 16 14-0033	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,315.78	126.18
23 82 16 14-0034	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,337.03	140.53
23 82 16 14-0035	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,363.58	157.73
23 82 16 14-0036	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,381.50	157.73
23 82 16 14-0037	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,604.73	180.67
23 82 16 14-0038	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,915.23	180.67
23 82 16 14-0039	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,086.14	210.30
23 82 16 14-0040	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,820.61	210.30

23 82 19 Fan Coil Units *(23 82)*

23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.

23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0003	EA	200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,700.19	157.66
		For 2-Way Valve Instead Of 3-Way, Deduct	*-50.70*	
23 82 19 00-0004	EA	300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,871.04	183.94
		For 2-Way Valve Instead Of 3-Way, Deduct	*-53.36*	
23 82 19 00-0005	EA	400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,071.62	207.30
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.71*	
23 82 19 00-0006	EA	600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,403.44	237.47
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.74*	
23 82 19 00-0007	EA	800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,699.01	249.15
		For 2-Way Valve Instead Of 3-Way, Deduct	*-102.43*	
23 82 19 00-0008	EA	1,000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,690.34	263.74
		For 2-Way Valve Instead Of 3-Way, Deduct	*-104.46*	
23 82 19 00-0009	EA	1,200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,490.16	286.13
		For 2-Way Valve Instead Of 3-Way, Deduct	*-107.94*	

23 82 19 00-0010 Horizontal Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0011	EA	200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	924.19	157.66
		For 2-Way Valve Instead Of 3-Way, Deduct	*-50.70*	
23 82 19 00-0012	EA	300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,126.69	183.94
		For 2-Way Valve Instead Of 3-Way, Deduct	*-53.36*	
23 82 19 00-0013	EA	400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,339.31	207.30
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.71*	
23 82 19 00-0014	EA	600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,584.25	237.47
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.74*	
23 82 19 00-0015	EA	800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,909.96	250.12
		For 2-Way Valve Instead Of 3-Way, Deduct	*-102.43*	
23 82 19 00-0016	EA	1,000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,991.70	263.74
		For 2-Way Valve Instead Of 3-Way, Deduct	*-104.46*	
23 82 19 00-0017	EA	1,200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	5,062.74	286.13
		For 2-Way Valve Instead Of 3-Way, Deduct	*-107.94*	

23 82 19 00-0018 Floor Mounted Vertical Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0019 Vertical Fan Coil Units With Electric Heating Coil *(23 82 19 00-0018)*

23 82 19 00-0020	EA	200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,639.92	156.69
		For Fan Coil Units Without Cabinet, Deduct	*-214.59*	
		For Thru-Wall Sleeve, Add	*117.79*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-50.70*	
23 82 19 00-0021	EA	300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,874.06	183.94
		For Fan Coil Units Without Cabinet, Deduct	*-244.38*	
		For Thru-Wall Sleeve, Add	*128.45*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-53.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0022	EA	400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,222.30	207.30
		For Fan Coil Units Without Cabinet, Deduct	*-291.93*	
		For Thru-Wall Sleeve, Add	*137.83*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.71*	
23 82 19 00-0023	EA	600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,554.12	237.47
		For Fan Coil Units Without Cabinet, Deduct	*-335.64*	
		For Thru-Wall Sleeve, Add	*149.95*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.74*	
23 82 19 00-0024	EA	800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,879.83	250.12
		For Fan Coil Units Without Cabinet, Deduct	*-382.07*	
		For Thru-Wall Sleeve, Add	*154.82*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-102.43*	
23 82 19 00-0025	EA	1,000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,690.34	263.74
		For Fan Coil Units Without Cabinet, Deduct	*-500.94*	
		For Thru-Wall Sleeve, Add	*160.21*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-104.46*	
23 82 19 00-0026	EA	1,200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,339.48	286.13
		For Fan Coil Units Without Cabinet, Deduct	*-593.67*	
		For Thru-Wall Sleeve, Add	*169.50*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-107.94*	

23 82 19 00-0027 Vertical Fan Coil Units With Hot Water Heating Coil *(23 82 19 00-0018)*

23 82 19 00-0028	EA	200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,820.74	156.69
		For Fan Coil Units Without Cabinet, Deduct	*-241.72*	
		For Thru-Wall Sleeve, Add	*117.79*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-50.70*	
23 82 19 00-0029	EA	300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,054.87	183.94
		For Fan Coil Units Without Cabinet, Deduct	*-271.50*	
		For Thru-Wall Sleeve, Add	*128.45*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-53.36*	
23 82 19 00-0030	EA	400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,523.65	207.30
		For Fan Coil Units Without Cabinet, Deduct	*-337.13*	
		For Thru-Wall Sleeve, Add	*137.83*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-55.71*	
23 82 19 00-0031	EA	600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,885.61	237.47
		For Fan Coil Units Without Cabinet, Deduct	*-385.37*	
		For Thru-Wall Sleeve, Add	*149.95*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-58.74*	
23 82 19 00-0032	EA	800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,211.32	250.12
		For Fan Coil Units Without Cabinet, Deduct	*-431.79*	
		For Thru-Wall Sleeve, Add	*154.82*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-102.43*	
23 82 19 00-0033	EA	1,000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,841.02	263.74
		For Fan Coil Units Without Cabinet, Deduct	*-523.55*	
		For Thru-Wall Sleeve, Add	*160.21*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-104.46*	
23 82 19 00-0034	EA	1,200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,490.16	286.13
		For Fan Coil Units Without Cabinet, Deduct	*-616.28*	
		For Thru-Wall Sleeve, Add	*169.50*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-107.94*	

23 82 19 00-0035 Removal And Reinstallation Of Fan Coil Units *(23 82 19)*

Note: Includes storage and cleaning. Excludes supports.

23 82 19 00-0036	EA	Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	413.79

23 82 29 Radiators *(23 82)*

23 82 29 00-0001 Demolish Cast Iron Radiators *(23 82 29)*

23 82 29 00-0002	LF	Demolish Cast Iron Radiator	29.18
23 82 29 00-0003	EA	Cap Radiator	39.86

23 82 29 00-0004 Cast Iron Radiator *(23 82 29)*

23 82 29 00-0005	EA	19" High Cast Iron Radiator Section, Free Standing	46.73	
		For Wall Support Bracket, Add	*26.73*	
23 82 29 00-0006	EA	25" High Cast Iron Radiator Section, Free Standing	66.65	
		For Wall Support Bracket, Add	*27.99*	
23 82 29 00-0007	EA	30" High Cast Iron Radiator Section, Free Standing	77.68	
23 82 29 00-0008	EA	36" High Cast Iron Radiator Section, Free Standing	98.08	
23 82 29 00-0009	EA	20" High Cast Iron Radiator Section, Recessed With Grille	64.56	

23 82 29 00-0010 Radiator Covers *(23 82 29)*

Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.

23 82 29 00-0011	SF	14 Gauge Stainless Steel Radiator Cover	78.91	5.19
23 82 29 00-0012	SF	Primed And Painted, Galvanized Steel Radiator Cover	50.36	5.19

23 82 29 00-0013 Radiator Shields *(23 82 29)*

23 82 29 00-0014	SF	Stainless Steel Radiator Shield	49.39	5.19
23 82 29 00-0015	SF	Primed And Painted, Galvanized Steel Radiator Shield	30.08	5.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 29 00-0016		Remove And Reinstall Radiator *(23 82 29)*		
		Note: Includes storage and cleaning.		
23 82 29 00-0017	LF	Removal And Reinstallation Of Cast Iron Radiator	73.00	
23 82 29 00-0018	LF	Removal And Reinstallation Of Electric Radiator	48.66	
23 82 33		**Convectors** *(23 82)*		
23 82 33 00-0001		Multi-Fin Convectors For Two-Pipe System *(23 82 33)*		
		Note: Complete with 6-1/4" deep cabinet enclosure.		
23 82 33 00-0002		20" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*		
23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	430.83	107.06
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*54.66*	
		For Snap-On Inlet Grille, Add	*42.44*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*94.02*	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	505.27	116.79
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*59.09*	
		For Snap-On Inlet Grille, Add	*45.39*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*114.91*	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	582.29	138.19
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*68.76*	
		For Snap-On Inlet Grille, Add	*51.84*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*130.58*	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	696.03	160.58
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*78.98*	
		For Snap-On Inlet Grille, Add	*58.66*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*158.46*	
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	830.32	192.70
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*93.57*	
		For Snap-On Inlet Grille, Add	*68.38*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*188.44*	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	932.91	211.96
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*102.32*	
		For Snap-On Inlet Grille, Add	*74.22*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*214.14*	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,086.66	256.93
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*122.75*	
		For Snap-On Inlet Grille, Add	*87.83*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*244.12*	
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,184.42	272.99
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*130.05*	
		For Snap-On Inlet Grille, Add	*92.70*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*269.82*	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,294.22	305.11
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*144.64*	
		For Snap-On Inlet Grille, Add	*102.43*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*291.23*	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,428.57	337.22
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*159.25*	
		For Snap-On Inlet Grille, Add	*112.17*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*321.21*	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,538.39	369.34
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*173.84*	
		For Snap-On Inlet Grille, Add	*121.89*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*342.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 82 33 00-0014 26" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0015	EA	26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	509.67	140.83
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*69.36*	
		For Snap-On Inlet Grille, Add	*52.24*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*104.46*	
23 82 33 00-0016	EA	26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	598.01	163.60
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*79.58*	
		For Snap-On Inlet Grille, Add	*59.05*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*123.46*	
23 82 33 00-0017	EA	26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	722.08	192.12
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*92.38*	
		For Snap-On Inlet Grille, Add	*67.59*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*151.95*	
23 82 33 00-0018	EA	26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	843.72	214.21
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*102.30*	
		For Snap-On Inlet Grille, Add	*74.20*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*182.96*	
23 82 33 00-0019	EA	26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	982.62	240.88
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*114.30*	
		For Snap-On Inlet Grille, Add	*82.20*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*217.57*	
23 82 33 00-0020	EA	26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,097.56	260.93
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*123.35*	
		For Snap-On Inlet Grille, Add	*88.23*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*247.24*	
23 82 33 00-0021	EA	26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,251.72	297.32
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*139.93*	
		For Snap-On Inlet Grille, Add	*99.29*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*281.85*	
23 82 33 00-0022	EA	26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,363.41	315.52
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*148.01*	
		For Snap-On Inlet Grille, Add	*104.67*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*311.52*	
23 82 33 00-0023	EA	26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,476.18	344.03
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*160.65*	
		For Snap-On Inlet Grille, Add	*113.10*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*336.24*	
23 82 33 00-0024	EA	26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,617.64	371.97
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*173.42*	
		For Snap-On Inlet Grille, Add	*121.61*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*370.86*	
23 82 33 00-0025	EA	26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,726.57	397.56
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*184.90*	
		For Snap-On Inlet Grille, Add	*129.27*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*395.58*	

23 82 33 00-0026 32" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

23 82 33 00-0027	EA	32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	587.70	171.29
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*83.82*	
		For Snap-On Inlet Grille, Add	*61.88*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*114.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0028	EA	32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	701.95	207.30
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*100.18*	
		For Snap-On Inlet Grille, Add	*72.79*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*135.80*	
23 82 33 00-0029	EA	32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	844.53	242.34
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*116.09*	
		For Snap-On Inlet Grille, Add	*83.40*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*167.14*	
23 82 33 00-0030	EA	32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	974.00	263.35
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*125.70*	
		For Snap-On Inlet Grille, Add	*89.80*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*201.25*	
23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,114.57	284.57
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*135.24*	
		For Snap-On Inlet Grille, Add	*96.16*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*239.32*	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,239.15	305.11
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*144.64*	
		For Snap-On Inlet Grille, Add	*102.43*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*271.96*	
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,387.06	330.80
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*156.38*	
		For Snap-On Inlet Grille, Add	*110.25*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*310.03*	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,512.62	352.02
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*166.07*	
		For Snap-On Inlet Grille, Add	*116.71*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*342.67*	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,625.36	375.76
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*176.58*	
		For Snap-On Inlet Grille, Add	*123.72*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*369.86*	
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,769.13	398.25
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*187.08*	
		For Snap-On Inlet Grille, Add	*130.72*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*407.94*	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,875.53	417.51
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*195.69*	
		For Snap-On Inlet Grille, Add	*136.46*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*435.13*	

23 82 33 00-0038 Electric Convectors, Floor Standing Units *(23 82 33)*

23 82 33 00-0039 4" Deep Electric Convectors *(23 82 33 00-0038)*

23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	523.77	102.79
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	579.40	102.79

23 82 33 00-0042 6" Deep Electric Convectors *(23 82 33 00-0038)*

23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	605.08	102.79
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	690.67	102.79
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	765.56	102.79
23 82 33 00-0046	EA	74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	883.24	102.79

23 82 36 Finned-Tube Radiation Heaters *(23 82)*

23 82 36 00-0001 Electric Baseboard Heating *(23 82 36)*

Note: Includes 24 gauge steel enclosure and heating element

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0002		**Electric Wall Heating 10" Enclosure** *(23 82 36 00-0001)*		
23 82 36 00-0003	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	122.32	57.11
23 82 36 00-0004	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	124.89	57.11
23 82 36 00-0005		**Electric Wall Heating 16" Enclosure** *(23 82 36 00-0001)*		
23 82 36 00-0006	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	148.00	57.11
23 82 36 00-0007	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	154.42	57.11
23 82 36 00-0008		**Finned Tube Baseboard Units** *(23 82 36)*		
		Note: Complete with steel enclosure. Single heating element.		
23 82 36 00-0009		**3/4" IPS Steel Tube With Steel Fins** *(23 82 36 00-0008)*		
23 82 36 00-0010	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	288.09	37.96
		For 90 Degree Corner, Add	*46.73*	
		For Valve Enclosure, Add	*46.73*	
		For Filler Piece, Add	*39.73*	
		For End Cap, Add	*31.87*	
		For Copper Tube With Aluminum Fins, Add	*5.75*	
23 82 36 00-0011	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	377.88	57.42
		For 90 Degree Corner, Add	*54.24*	
		For Valve Enclosure, Add	*54.24*	
		For Filler Piece, Add	*47.24*	
		For End Cap, Add	*36.75*	
		For Copper Tube With Aluminum Fins, Add	*8.62*	
23 82 36 00-0012	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	452.23	75.91
		For 90 Degree Corner, Add	*58.66*	
		For Valve Enclosure, Add	*58.66*	
		For Filler Piece, Add	*51.66*	
		For End Cap, Add	*39.63*	
		For Copper Tube With Aluminum Fins, Add	*11.49*	
23 82 36 00-0013	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	563.42	106.27
		For 90 Degree Corner, Add	*70.73*	
		For Valve Enclosure, Add	*70.73*	
		For Filler Piece, Add	*63.73*	
		For End Cap, Add	*47.47*	
		For Copper Tube With Aluminum Fins, Add	*14.29*	
23 82 36 00-0014	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	674.21	127.69
		For 90 Degree Corner, Add	*82.99*	
		For Valve Enclosure, Add	*82.99*	
		For Filler Piece, Add	*75.99*	
		For End Cap, Add	*55.44*	
		For Copper Tube With Aluminum Fins, Add	*17.01*	
23 82 36 00-0015	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	760.40	136.25
		For 90 Degree Corner, Add	*87.86*	
		For Valve Enclosure, Add	*87.86*	
		For Filler Piece, Add	*80.86*	
		For End Cap, Add	*58.61*	
		For Copper Tube With Aluminum Fins, Add	*20.41*	
23 82 36 00-0016	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	838.40	150.56
		For 90 Degree Corner, Add	*96.04*	
		For Valve Enclosure, Add	*96.04*	
		For Filler Piece, Add	*89.04*	
		For End Cap, Add	*63.92*	
		For Copper Tube With Aluminum Fins, Add	*22.45*	
23 82 36 00-0017	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	956.68	170.32
		For 90 Degree Corner, Add	*107.32*	
		For Valve Enclosure, Add	*107.32*	
		For Filler Piece, Add	*100.32*	
		For End Cap, Add	*71.26*	
		For Copper Tube With Aluminum Fins, Add	*25.85*	
23 82 36 00-0018	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,054.88	187.35
		For 90 Degree Corner, Add	*117.07*	
		For Valve Enclosure, Add	*117.07*	
		For Filler Piece, Add	*110.07*	
		For End Cap, Add	*77.59*	
		For Copper Tube With Aluminum Fins, Add	*28.58*	
23 82 36 00-0019		**1" IPS Steel Tube With Steel Fins** *(23 82 36 00-0008)*		
23 82 36 00-0020	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	332.86	37.96
		For 90 Degree Corner, Add	*46.73*	
		For Valve Enclosure, Add	*46.73*	
		For Filler Piece, Add	*39.73*	
		For End Cap, Add	*31.87*	
		For Copper Tube With Aluminum Fins, Add	*8.21*	
23 82 36 00-0021	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	445.04	57.42
		For 90 Degree Corner, Add	*54.24*	
		For Valve Enclosure, Add	*54.24*	
		For Filler Piece, Add	*47.24*	
		For End Cap, Add	*36.75*	
		For Copper Tube With Aluminum Fins, Add	*12.31*	
23 82 36 00-0022	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	541.78	75.91
		For 90 Degree Corner, Add	*58.66*	
		For Valve Enclosure, Add	*58.66*	
		For Filler Piece, Add	*51.66*	
		For End Cap, Add	*39.63*	
		For Copper Tube With Aluminum Fins, Add	*16.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0023	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	674.87	106.27
		For 90 Degree Corner, Add	*70.75*	
		For Valve Enclosure, Add	*70.75*	
		For Filler Piece, Add	*63.75*	
		For End Cap, Add	*47.49*	
		For Copper Tube With Aluminum Fins, Add	*20.41*	
23 82 36 00-0024	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	806.59	127.69
		For 90 Degree Corner, Add	*82.96*	
		For Valve Enclosure, Add	*82.96*	
		For Filler Piece, Add	*75.96*	
		For End Cap, Add	*55.42*	
		For Copper Tube With Aluminum Fins, Add	*24.30*	
23 82 36 00-0025	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	919.46	136.25
		For 90 Degree Corner, Add	*87.86*	
		For Valve Enclosure, Add	*87.86*	
		For Filler Piece, Add	*80.86*	
		For End Cap, Add	*58.61*	
		For Copper Tube With Aluminum Fins, Add	*29.16*	
23 82 36 00-0026	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,013.05	150.56
		For 90 Degree Corner, Add	*95.97*	
		For Valve Enclosure, Add	*95.97*	
		For Filler Piece, Add	*88.97*	
		For End Cap, Add	*63.88*	
		For Copper Tube With Aluminum Fins, Add	*32.07*	
23 82 36 00-0027	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,158.16	170.32
		For 90 Degree Corner, Add	*107.32*	
		For Valve Enclosure, Add	*107.32*	
		For Filler Piece, Add	*100.32*	
		For End Cap, Add	*71.26*	
		For Copper Tube With Aluminum Fins, Add	*36.94*	
23 82 36 00-0028	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,276.97	187.35
		For 90 Degree Corner, Add	*116.95*	
		For Valve Enclosure, Add	*116.95*	
		For Filler Piece, Add	*109.95*	
		For End Cap, Add	*77.52*	
		For Copper Tube With Aluminum Fins, Add	*40.82*	

23 82 36 00-0029 1-1/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0008)*

23 82 36 00-0030	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	377.63	37.96
		For 90 Degree Corner, Add	*46.73*	
		For Valve Enclosure, Add	*46.73*	
		For Filler Piece, Add	*39.73*	
		For End Cap, Add	*31.87*	
		For Copper Tube With Aluminum Fins, Add	*10.67*	
23 82 36 00-0031	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	512.19	57.42
		For 90 Degree Corner, Add	*54.24*	
		For Valve Enclosure, Add	*54.24*	
		For Filler Piece, Add	*47.24*	
		For End Cap, Add	*36.75*	
		For Copper Tube With Aluminum Fins, Add	*16.01*	
23 82 36 00-0032	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	631.31	75.91
		For 90 Degree Corner, Add	*58.66*	
		For Valve Enclosure, Add	*58.66*	
		For Filler Piece, Add	*51.66*	
		For End Cap, Add	*39.63*	
		For Copper Tube With Aluminum Fins, Add	*21.34*	
23 82 36 00-0033	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	786.20	106.27
		For 90 Degree Corner, Add	*70.75*	
		For Valve Enclosure, Add	*70.75*	
		For Filler Piece, Add	*63.75*	
		For End Cap, Add	*47.49*	
		For Copper Tube With Aluminum Fins, Add	*26.53*	
23 82 36 00-0034	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	939.13	127.69
		For 90 Degree Corner, Add	*82.96*	
		For Valve Enclosure, Add	*82.96*	
		For Filler Piece, Add	*75.96*	
		For End Cap, Add	*55.42*	
		For Copper Tube With Aluminum Fins, Add	*31.59*	
23 82 36 00-0035	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,078.51	136.25
		For 90 Degree Corner, Add	*87.86*	
		For Valve Enclosure, Add	*87.86*	
		For Filler Piece, Add	*80.86*	
		For End Cap, Add	*58.61*	
		For Copper Tube With Aluminum Fins, Add	*37.91*	
23 82 36 00-0036	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,188.01	150.56
		For 90 Degree Corner, Add	*95.97*	
		For Valve Enclosure, Add	*95.97*	
		For Filler Piece, Add	*88.97*	
		For End Cap, Add	*63.88*	
		For Copper Tube With Aluminum Fins, Add	*41.70*	
23 82 36 00-0037	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,359.62	170.32
		For 90 Degree Corner, Add	*107.32*	
		For Valve Enclosure, Add	*107.32*	
		For Filler Piece, Add	*100.32*	
		For End Cap, Add	*71.26*	
		For Copper Tube With Aluminum Fins, Add	*48.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0038	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,499.64	187.35
		For 90 Degree Corner, Add	*116.95*	
		For Valve Enclosure, Add	*116.95*	
		For Filler Piece, Add	*109.95*	
		For End Cap, Add	*77.52*	
		For Copper Tube With Aluminum Fins, Add	*53.07*	

23 82 39 Unit Heaters *(23 82)*

23 82 39 13 Cabinet Unit Heaters *(23 82 39)*

23 82 39 13-0001 Electric Cabinet Unit Heaters *(23 82 39 13)*

Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.

23 82 39 13-0002 Electric Cabinet Unit Heaters, 35" Cabinet Length *(23 82 39 13-0001)*

23 82 39 13-0003	EA	2 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,598.38	129.78
23 82 39 13-0004	EA	3 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,618.90	129.78
23 82 39 13-0005	EA	4 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,639.43	129.78
23 82 39 13-0006	EA	5 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,659.94	129.78
23 82 39 13-0007	EA	6 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,680.47	129.78
23 82 39 13-0008	EA	7 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,701.00	129.78
23 82 39 13-0009	EA	8 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,722.34	129.78
23 82 39 13-0010	EA	For Ceiling Installation of 35" Cabinet Unit Heater, Add	173.39	86.18

23 82 39 13-0011 Electric Cabinet Unit Heaters, 45" Cabinet Length *(23 82 39 13-0001)*

23 82 39 13-0012	EA	4 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,761.12	155.73
23 82 39 13-0013	EA	6 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,802.17	155.73
23 82 39 13-0014	EA	8 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,843.21	155.73
23 82 39 13-0015	EA	10 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,884.27	155.73
23 82 39 13-0016	EA	12 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,925.30	155.73
23 82 39 13-0017	EA	14 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	2,966.36	155.73
23 82 39 13-0018	EA	16 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,007.40	155.73
23 82 39 13-0019	EA	For Ceiling Installation of 45" Cabinet Unit Heater, Add	207.65	103.82

23 82 39 13-0020 Electric Cabinet Unit Heaters, 58" Cabinet Length *(23 82 39 13-0001)*

23 82 39 13-0021	EA	6 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,466.69	207.65
23 82 39 13-0022	EA	8 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,507.73	207.65
23 82 39 13-0023	EA	10 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,548.78	207.65
23 82 39 13-0024	EA	12 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,589.82	207.65
23 82 39 13-0025	EA	14 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,630.87	207.65
23 82 39 13-0026	EA	16 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,671.91	207.65
23 82 39 13-0027	EA	For Ceiling Installation of 58" Cabinet Unit Heater, Add	259.55	129.78

23 82 39 13-0028 Electric Cabinet Unit Heaters, 68" Cabinet Length *(23 82 39 13-0001)*

23 82 39 13-0029	EA	6 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,090.17	259.55
23 82 39 13-0030	EA	9 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,151.74	259.55
23 82 39 13-0031	EA	12 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,213.31	259.55
23 82 39 13-0032	EA	15 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,274.87	259.55
23 82 39 13-0033	EA	18 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,336.45	259.55
23 82 39 13-0034	EA	21 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,398.02	259.55
23 82 39 13-0035	EA	24 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,459.58	259.55
23 82 39 13-0036	EA	For Ceiling Installation of 68" Cabinet Unit Heater, Add	346.77	173.39

23 82 39 13-0037 Electric Cabinet Unit Heaters, 78" Cabinet Length *(23 82 39 13-0001)*

23 82 39 13-0038	EA	8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,795.73	311.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0039	EA	12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,877.82	311.47
23 82 39 13-0040	EA	16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,959.91	311.47
23 82 39 13-0041	EA	20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,042.01	311.47
23 82 39 13-0042	EA	24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,124.10	311.47
23 82 39 13-0043	EA	28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,206.19	311.47
23 82 39 13-0044	EA	32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,288.29	311.47
23 82 39 13-0045	EA	For Ceiling Installation of 78" Cabinet Unit Heater, Add	415.29	207.65

23 82 39 13-0046 Removal and Reinstallation of Cabinet Unit Heaters *(23 82 39 13)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 13-0047	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall	267.64	
23 82 39 13-0048	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall	462.30	
23 82 39 13-0049	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling	551.82	
23 82 39 13-0050	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling	746.46	

23 82 39 16 Propeller Unit Heaters *(23 82 39)*

23 82 39 16-0001 Hydronic Unit Heaters Using Steam Or Hot Water *(23 82 39 16)*

Note: For use with either steam or heating hot water. Heating output capacities for both are listed.

23 82 39 16-0002 Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*

23 82 39 16-0003	EA	18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	717.68	97.32
23 82 39 16-0004	EA	24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	719.11	97.32
23 82 39 16-0005	EA	36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	801.11	97.32
23 82 39 16-0006	EA	48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	983.79	145.98
23 82 39 16-0007	EA	60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,025.75	145.98
23 82 39 16-0008	EA	72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,088.23	145.98
23 82 39 16-0009	EA	84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,308.54	194.64
23 82 39 16-0010	EA	96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,434.41	194.64
23 82 39 16-0011	EA	108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,514.51	194.64
23 82 39 16-0012	EA	120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,579.35	194.64
23 82 39 16-0013	EA	132 MBH Steam, 95.8 MBH Hot Water, 2,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,785.38	243.31
23 82 39 16-0014	EA	144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,807.32	243.31
23 82 39 16-0015	EA	156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,828.30	243.31
23 82 39 16-0016	EA	180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,951.32	291.97
23 82 39 16-0017	EA	204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,115.33	291.97
23 82 39 16-0018	EA	240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,414.01	340.63
23 82 39 16-0019	EA	280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,008.07	340.63
23 82 39 16-0020	EA	300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,202.58	389.29
23 82 39 16-0021	EA	360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,812.87	389.29
23 82 39 16-0022	EA	Fan Guard For Fan Propelled Steam Unit Heater, Horizontal Note: Required only for unit heaters located within 7' of a working surface.	194.07	24.34

23 82 39 16-0023 Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*

23 82 39 16-0024	EA	41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,040.06	97.32
23 82 39 16-0025	EA	65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,085.35	145.98
23 82 39 16-0026	EA	80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,167.84	145.98
23 82 39 16-0027	EA	101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,437.28	194.64
23 82 39 16-0028	EA	124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,518.32	194.64
23 82 39 16-0029	EA	152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,804.47	291.97
23 82 39 16-0030	EA	173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,928.43	291.97
23 82 39 16-0031	EA	210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,032.38	291.97
23 82 39 16-0032	EA	249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,271.91	340.63
23 82 39 16-0033	EA	283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,394.93	340.63
23 82 39 16-0034	EA	333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,643.81	340.63
23 82 39 16-0035	EA	386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,065.32	437.95
23 82 39 16-0036	EA	496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,893.02	437.95
23 82 39 16-0037	EA	585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,146.67	437.95
23 82 39 16-0038	EA	705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,718.87	486.61
23 82 39 16-0039	EA	Fan Guard For Fan Propelled Steam Unit Heater, Vertical Note: Required only for unit heaters located within 7' of a working surface.	264.63	24.34

23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters *(23 82 39 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 16-0041	EA	Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	583.93	
23 82 39 16-0042	EA	Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	778.59	

23 82 39 19 Wall and Ceiling Unit Heaters *(23 82 39)*

23 82 39 19-0001 Electric Unit Heaters *(23 82 39 19)*

Note: May be mounted both vertically and horizontally.

23 82 39 19-0002	EA	3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	755.51	103.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 19-0003	EA	5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	755.51	103.82
23 82 39 19-0004	EA	7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,013.66	129.78
23 82 39 19-0005	EA	10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,162.43	155.73
23 82 39 19-0006	EA	15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,696.69	207.65
23 82 39 19-0007	EA	20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	2,472.68	259.55
23 82 39 19-0008	EA	30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	3,414.22	311.47
23 82 39 19-0009	EA	50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	4,993.21	363.38
23 82 39 19-0010	EA	3 KW, 350 CFM Electric Unit Heater - 480 Volt	933.61	103.82
23 82 39 19-0011	EA	5 KW, 350 CFM Electric Unit Heater - 480 Volt	898.85	103.82
23 82 39 19-0012	EA	7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	1,064.56	129.78
23 82 39 19-0013	EA	10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,228.65	155.73
23 82 39 19-0014	EA	15 KW, 910 CFM Electric Unit Heater - 480 Volt	1,829.14	207.65

23 82 39 19-0015 Electric Ceiling and Wall Heaters *(23 82 39 19)*

Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.

23 82 39 19-0016	EA	1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	316.61	64.89
23 82 39 19-0017	EA	1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	369.62	72.67
23 82 39 19-0018	EA	3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	567.76	72.67
23 82 39 19-0019	EA	1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	357.30	64.89
23 82 39 19-0020	EA	1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	433.84	72.67
23 82 39 19-0021	EA	3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	643.20	72.67
23 82 39 19-0022	EA	1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater	470.00	85.65
23 82 39 19-0023	EA	3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	858.77	90.84
23 82 39 19-0024	EA	4,800/3,600 Watt Recessed Electric Ceiling Heater	963.49	90.84
23 82 39 19-0025	EA	4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,116.03	96.04
23 82 39 19-0026	EA	5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,207.97	96.04
23 82 39 19-0027	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	524.39	85.65
23 82 39 19-0028	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	944.45	90.84
23 82 39 19-0029	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	1,049.16	90.84
23 82 39 19-0030	EA	Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB)	417.27	64.89

23 82 39 19-0031 Removal And Reinstallation Of Electric Unit Heaters *(23 82 39 19)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 19-0032	EA	Removal And Reinstallation Of Up To 15KW Electric Unit Heater	350.38	
23 82 39 19-0033	EA	Removal And Reinstallation Of >15 KW Electric Unit Heater	720.27	

23 83 Radiant Heating Units *(23 80)*

23 83 13 Radiant-Heating Electric Cables *(23 83)*

23 83 13 13 Radiant-Heating Electric Cables *(23 83 13)*

23 83 13 13-0001 Self Regulating Heating Cable *(23 83 13 13)*

23 83 13 13-0002	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F.	5.44	0.70
		For TPE Covering, Add	*1.01*	
23 83 13 13-0003	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F.	5.93	0.70
		For TPE Covering, Add	*1.14*	
23 83 13 13-0004	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F.	6.37	0.70
		For TPE Covering, Add	*1.25*	
23 83 13 13-0005	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F.	5.59	0.70
		For TPE Covering, Add	*1.05*	
23 83 13 13-0006	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F	6.07	0.70
		For TPE Covering, Add	*1.17*	
23 83 13 13-0007	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, @ 50° F.	6.56	0.70
		For TPE Covering, Add	*1.29*	
23 83 13 13-0008	EA	Power Connection Kit With Pre-set Thermostat For Self Regulating Low Temperature Heating Cable	218.52	54.94
23 83 13 13-0009	EA	Splice And Tee Kit For Self Regulating Low Temperature Heating Cable	218.52	54.94
23 83 13 13-0010	EA	End Seal Kit For Self Regulating Low Temperature Heating Cable	128.62	9.99
23 83 13 13-0011	EA	Ambient Air Sensing Thermostat For Self Regulating Low Temperature Heating Cable	347.55	24.97
23 83 13 13-0012	EA	Mechanical Or Electrical Line Sensing Thermostat For Self Regulating Low Temperature Heating Cable	381.36	24.97

23 84 Humidity Control Equipment *(23 80)*

23 84 13 Humidifiers *(23 84)*

23 84 13 16 Wetted-Element Humidifiers *(23 84 13)*

23 84 13 16-0001 Electric Steam Humidifiers, Self-Steam Producing *(23 84 13 16)*

Note: Electronic modulating duct or air handling unit installation 208V-108V with 12"-72" manifolds included.

23 84 13 16-0002	EA	1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	7,595.03	400.97
23 84 13 16-0003	EA	20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	9,583.68	401.95

23 84 13 23 Direct-Steam-Injection Humidifiers *(23 84 13)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 84 13 23-0001		Steam Type Pneumatically Controlled *(23 84 13 23)* Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.		
23 84 13 23-0002	EA	3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	1,309.58	256.93
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*405.85*	
23 84 13 23-0003	EA	3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	1,309.58	256.93
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*405.85*	
23 84 13 23-0004	EA	65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	1,832.80	256.93
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*562.82*	
23 84 13 23-0005	EA	65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	1,930.12	321.17
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*595.26*	
23 84 13 23-0006	EA	100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,693.12	256.93
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*820.91*	
23 84 13 23-0007	EA	100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	2,790.44	321.17
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*853.35*	
23 84 13 23-0008	EA	220-2,000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	4,134.68	321.17
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,256.62*	
23 84 13 23-0009	EA	220-2,000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	4,256.34	401.95
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,297.18*	
23 84 13 29		**Self-Contained Steam Humidifiers** *(23 84 13)*		
23 84 13 29-0001		Residential Humidifiers *(23 84 13 29)* Note: Includes solenoid valve and flow through water supply.		
23 84 13 29-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type	401.45	48.66
23 84 16		**Mechanical Dehumidification Units** *(23 84)*		
23 84 16 16		**Indoor, Mechanical Dehumidification Units** *(23 84 16)*		
23 84 16 16-0001		Mechanical Dehumidification Units *(23 84 16 16)* Note: Sized by moisture removal per 24 hours.		
23 84 16 16-0002	EA	65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier	1,368.45	51.91
23 84 16 16-0003	EA	90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	1,717.65	60.56
23 84 16 16-0004	EA	120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	2,292.17	69.22
23 84 16 33		**Portable Dehumidifiers** *(23 84 16)*		
23 84 16 33-0001		Self Contained Free Standing Unit *(23 84 16 33)* Note: Sized by moisture removal per 24 hours.		
23 84 16 33-0002	EA	30 Pint/24 Hour Dehumidifier	352.36	112.15
23 84 16 33-0003	EA	50 Pint/24 Hour Dehumidifier	413.47	112.15
23 84 16 33-0004	EA	70 Pint/24 Hour Dehumidifier	450.14	112.15

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Book 3 of 3 CSI Divisions 26 - 40 December 2019

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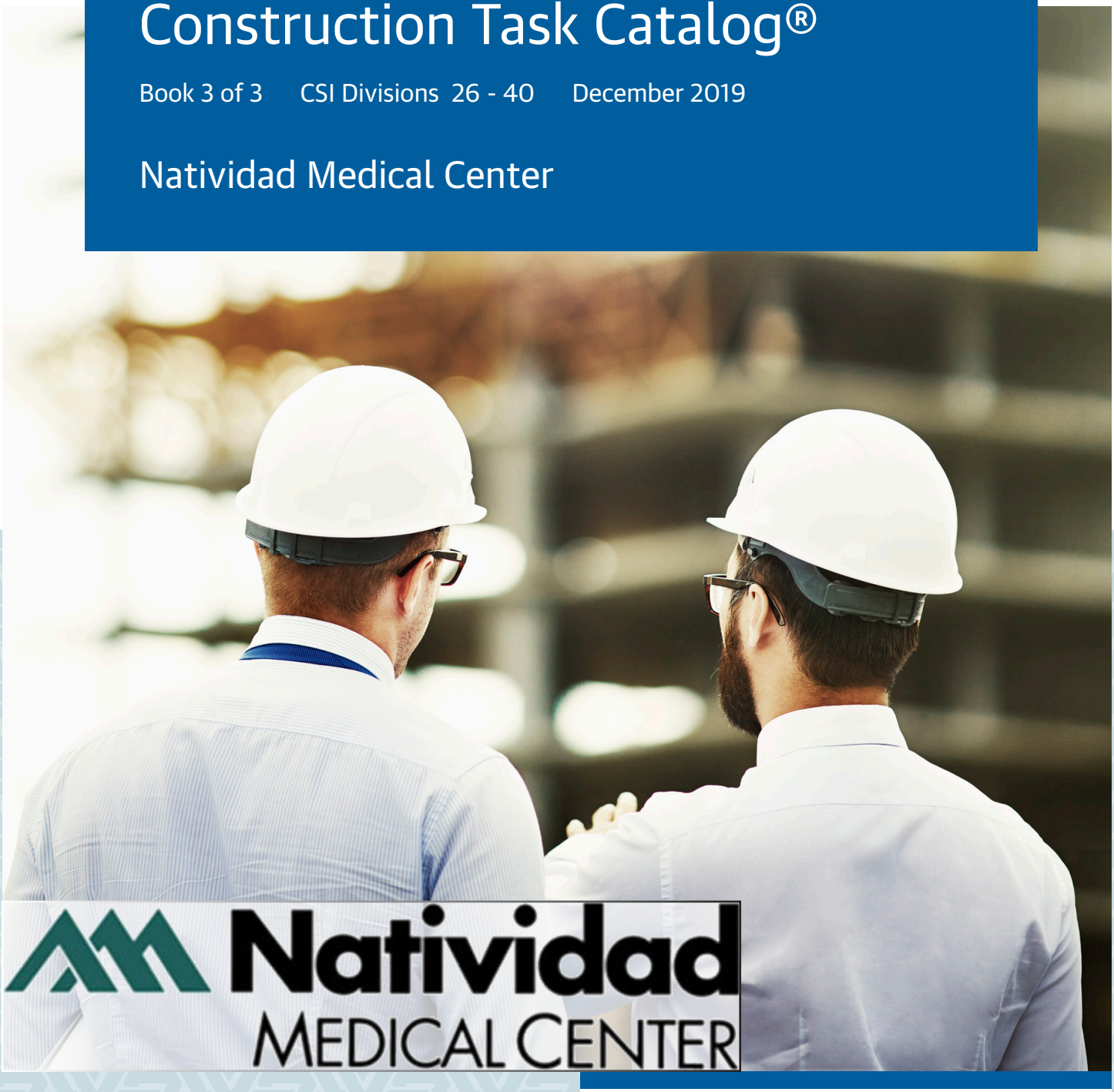

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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in December 2019.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

- ☑ The tasks in this Construction Task Catalog are organized using CSI's *MasterFormat*.

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The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.

EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

BUSINESS COSTS:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.
- ☑ Insurance and bonding.
- ☑ Profit.

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- ☑ Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- ☑ Subcontractor's overhead and profit.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

PROJECT RELATED COSTS:

- ☑ Project trailer, equipment and supplies, and portable toilets for Contractor's use.
- ☑ Project management and project supervision.
- ☑ Services required to complete project filings and obtain permits.
- ☑ Preparation and modification of sketches, drawings, submittals, as-built drawings, and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Gang boxes and storage containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner's security requirements.
- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- ☑ Sealing windows doors, and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow. Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Daily clean-up.
- ☑ Final professional clean-up.

PRICE VARIATIONS:

- ☑ Contractors may experience direct costs that are different than the unit prices set forth in the Construction Task Catalog. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.

SUMMARY:

- ☑ This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- ☑ The only compensation to be paid to the Contractor for unit price tasks will be:

Unit Price	X	Quantity	X	Adjustment Factor

- ☑ No additional payments of any kind whatsoever will be made.
- ☑ All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than

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2 stories, the contractor will be paid for such crane or lifting equipment as a separate task.

- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.
- ☑ Whenever there are alternative tasks that may be selected to complete work, the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

WORKING HEIGHT:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

FIELD ENGINEERING:

- ☑ Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying

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required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate tasks.

ASSEMBLIES:

- ☑ Assembly tasks take precedence over individual component tasks.

RESTRICTED AND CONFINED SPACES:

- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- ☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

TECHNICAL SPECIFICATIONS:

- ☑ Technical Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a Technical Specification shall be considered included in the unit price, unless the task description states otherwise.

Or Equals:

- ☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD**

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- Linear Feet Per Day, **LIT –** Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

☑ The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

	Material Weight (Lbs Per CY)		
Material	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

BULK FACTORS FOR DEMOLITION:

☑ The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

CONVERSIONS:

1 Acre = 43,560 Square Feet = 4046.8 Square Meters

1 Board Foot = 12” x 12” x 1” = 144 Cubic Inches

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

1 Square Foot = 144 Square Inches = .0929 Square Meters

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

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1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

STANDARD GEOMETRY:

Circle

- Circumference = 2 π radius = π diameter
- Area = π radius^2 = π (diameter^2 / 4)

Cylinder

- Volume = (π radius^2)height
- Surface Area = 2 π radius^2+(2 π radius)height

Sphere

- Volume = (4 π radius^3) / 3
- Surface Area = 4 π radius^2

π = 3.14159

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

TRADEMARKS

☑ Gordian JOC Solution, JOC Complete Solution, JOC Complete Solution Plus, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, DMAP, The Standard for Job Order Contracting and 6 Phase Development and Implementation Process are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels.

26 01 Operation and Maintenance of Electrical Systems *(26)*

26 01 10 Operation And Maintenance Of Medium-Voltage Electrical Distribution *(26 01)*

26 01 10 91 Medium-Voltage Electrical Distribution Restoration *(26 01 10)*

26 01 10 91-0001 Retrofit Distribution Enclosures *(26 01 10 91)*
Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.

26 01 10 91-0002	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C) Note: 2mm thick, aluminum frame, hinged cover.	329.49	
		For Up To 20, Add	*67.03*	
		For >20 To 50, Add	*53.63*	
		For >50 To 100, Add	*26.81*	
26 01 10 91-0003	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C) Note: 2mm thick, aluminum frame, hinged cover.	425.59	
		For Up To 20, Add	*91.06*	
		For >20 To 50, Add	*72.85*	
		For >50 To 100, Add	*36.42*	
26 01 10 91-0004	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C) Note: 4mm thick, aluminum frame, hinged cover.	637.02	
		For Up To 20, Add	*143.92*	
		For >20 To 50, Add	*115.13*	
		For >50 To 100, Add	*57.57*	
26 01 10 91-0005	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 1 Rated (Fluke CLKTO) Note: 2mm thick, aluminum frame, twist cover.	326.75	
		For Up To 20, Add	*66.35*	
		For >20 To 50, Add	*53.08*	
		For >50 To 100, Add	*26.54*	
26 01 10 91-0006	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2) Note: 2mm thick, aluminum frame, twist cover.	328.44	
		For Up To 20, Add	*66.77*	
		For >20 To 50, Add	*53.42*	
		For >50 To 100, Add	*26.71*	
26 01 10 91-0007	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3) Note: 2mm thick, aluminum frame, twist cover.	417.77	
		For Up To 20, Add	*89.10*	
		For >20 To 50, Add	*71.28*	
		For >50 To 100, Add	*35.64*	
26 01 10 91-0008	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4) Note: 4mm thick, aluminum frame, twist cover.	619.64	
		For Up To 20, Add	*139.57*	
		For >20 To 50, Add	*111.66*	
		For >50 To 100, Add	*55.83*	
26 01 10 91-0009	EA	2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	260.30	
		For Up To 20, Add	*49.74*	
		For >20 To 50, Add	*39.79*	
		For >50 To 100, Add	*19.89*	
26 01 10 91-0010	EA	3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	364.09	
		For Up To 20, Add	*75.68*	
		For >20 To 50, Add	*60.55*	
		For >50 To 100, Add	*30.27*	
26 01 10 91-0011	EA	4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	515.45	
		For Up To 20, Add	*113.52*	
		For >20 To 50, Add	*90.82*	
		For >50 To 100, Add	*45.41*	
26 01 10 91-0012	EA	2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	470.54	
		For Up To 20, Add	*102.30*	
		For >20 To 50, Add	*81.84*	
		For >50 To 100, Add	*40.92*	
26 01 10 91-0013	EA	3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	644.19	
		For Up To 20, Add	*145.71*	
		For >20 To 50, Add	*116.57*	
		For >50 To 100, Add	*58.28*	
26 01 10 91-0014	EA	4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	1,174.58	
		For Up To 20, Add	*278.31*	
		For >20 To 50, Add	*222.64*	
		For >50 To 100, Add	*111.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 10 91-0015	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	539.56	
		For Up To 20, Add	*119.55*	
		For >20 To 50, Add	*95.64*	
		For >50 To 100, Add	*47.82*	
26 01 10 91-0016	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	791.00	
		For Up To 20, Add	*182.41*	
		For >20 To 50, Add	*145.93*	
		For >50 To 100, Add	*72.96*	

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution *(26 01)*

26 01 20 91 Low-Voltage Electrical Distribution Restoration *(26 01 20)*

26 01 20 91-0001 Lock Out/Tag Out Devices *(26 01 20 91)*

Note: Includes the installation and removal of device lock, pad lock and identifying markers. Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.

26 01 20 91-0002	EA	Lock Out/Tag Out Local Disconnect	24.97
26 01 20 91-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter	24.97
26 01 20 91-0004	EA	Lock Out/Tag Out Tags	4.23

26 01 20 91-0005 Existing Circuit Tracing *(26 01 20 91)*

26 01 20 91-0006	EA	Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	20.78
26 01 20 91-0007	EA	Lighting, Existing Circuit Tracing Per Circuit	20.78

26 01 30 Operation And Maintenance Of Facility Electrical Power Generating And Storing Equipment *(26 01)*

26 01 30 91 Facility Electrical Power Generating And Storing Equipment Restoration *(26 01 30)*

26 01 30 91-0001 Emergency Generator Permits *(26 01 30 91)*

26 01 30 91-0002 Air Pollution Control Board *(26 01 30 91-0001)*

26 01 30 91-0003	EA	APCD Permit To Construct And Operate Emergency Generator	2,791.38

26 01 50 Operation and Maintenance of Lighting *(26 01)*

26 01 50 51 Luminaire Relamping *(26 01 50)*

26 01 50 51-0001 Replace Lamps In Existing Fixtures *(26 01 50 51)*

Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps. See CSI section 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 51-0002 Halogen Lamps *(26 01 50 51-0001)*

26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	37.80
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	48.16
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	71.09
26 01 50 51-0006	EA	90 Watt, PAR38, Halogen Lamp	18.91
26 01 50 51-0007	EA	100 Watt, PAR38, Halogen Lamp	18.91
26 01 50 51-0008	EA	60 Watt, PAR38, Halogen IR Reflective Lamp	21.41
26 01 50 51-0009	EA	67 Watt, PAR38, Halogen IR Reflective Lamp	22.96
26 01 50 51-0010	EA	70 Watt, PAR38, Halogen IR Reflective Lamp	22.56
26 01 50 51-0011	EA	90 Watt, PAR38, Halogen IR Reflective Lamp	23.74
26 01 50 51-0012	EA	100 Watt, PAR38, Halogen IR Reflective Lamp	23.99
26 01 50 51-0013	EA	12 Watt, 10 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-65-B01-12-830-10)	25.21
26 01 50 51-0014	EA	12 Watt, 20 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-20)	25.21
26 01 50 51-0015	EA	12 Watt, 25 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-25)	28.18
26 01 50 51-0016	EA	12 Watt, 36 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-36)	28.18

26 01 50 51-0017 Incandescent Lamps *(26 01 50 51-0001)*

26 01 50 51-0018	EA	100 Watt, Frosted, Interior Incandescent Lamp	5.57
		For Multiple Lamps In Fixture, Deduct	*-1.65*
26 01 50 51-0019	EA	150 Watt, Frosted, Interior Incandescent Lamp	6.73
		For Multiple Lamps In Fixture, Deduct	*-1.65*
26 01 50 51-0020	EA	200 Watt, Frosted, Interior Incandescent Lamp	8.05
		For Multiple Lamps In Fixture, Deduct	*-1.65*
26 01 50 51-0021	EA	300 Watt, PS25, Interior Incandescent Lamp	9.70
		For Multiple Lamps In Fixture, Deduct	*-1.65*
26 01 50 51-0022	EA	60 Watt, G25, Clear, Interior Incandescent Lamp	7.47
		For Multiple Lamps In Fixture, Deduct	*-1.65*
26 01 50 51-0023	EA	75 Watt, R20, Interior Incandescent Lamp	11.52
		For Multiple Lamps In Fixture, Deduct	*-1.98*
26 01 50 51-0024	EA	75 Watt, PAR38, Exterior Incandescent Lamp	13.83
		For Multiple Lamps In Fixture, Deduct	*-1.98*
26 01 50 51-0025	EA	100 Watt, PAR38, Exterior Incandescent Lamp	12.91
		For Multiple Lamps In Fixture, Deduct	*-1.98*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0026	EA	150 Watt, PAR38, Exterior Incandescent Lamp	21.68	
		For Multiple Lamps In Fixture, Deduct	*-1.98*	
26 01 50 51-0027	EA	250 Watt, PAR38, Exterior Incandescent Lamp	43.94	
		For Multiple Lamps In Fixture, Deduct	*-2.31*	
26 01 50 51-0028	EA	300 Watt, PAR56, Exterior Incandescent Lamp	50.38	
		For Multiple Lamps In Fixture, Deduct	*-2.31*	

26 01 50 51-0029 Exit Light Lamps *(26 01 50 51-0001)*

26 01 50 51-0030	EA	Convert Exit Light Lamps To Red LED Lamps	91.49	
		For Green LED Lamps, Add	*25.00*	
26 01 50 51-0031	EA	Fluorescent Lamp For Exit Light	25.78	
		For Multiple Lamps In Fixture, Deduct	*-6.59*	
26 01 50 51-0032	EA	Lamp Replacement For Emergency Lights On Exit Sign	30.99	
		For Multiple Lamps In Fixture, Deduct	*-3.30*	

26 01 50 51-0033 Fluorescent Lamps *(26 01 50 51-0001)*

26 01 50 51-0034	EA	18", 15 Watt, T8 Fluorescent Lamp	9.75	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0035	EA	2', 17 Watt, T8 Fluorescent Lamp	11.26	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0036	EA	3', 25 Watt, T8 Fluorescent Lamp	12.87	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0037	EA	4', 32 Watt, T8 Fluorescent Lamp	12.48	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0038	EA	4', 30 Watt, T8 Fluorescent Lamp	15.47	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0039	EA	4', 28 Watt, T8 Fluorescent Lamp	13.88	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0040	EA	4', 25 Watt, T8 Fluorescent Lamp	13.82	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0041	EA	4', 44 Watt, T8HO Fluorescent Lamp	20.65	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0042	EA	8', 59 Watt, T8 Fluorescent Lamp	16.36	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0043	EA	18", 15 Watt, T12 Fluorescent Lamp	13.55	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0044	EA	2', 20 Watt, T12 Fluorescent Lamp	10.82	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0045	EA	3', 30 Watt, T12 Fluorescent Lamp	12.15	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0046	EA	4', 34 Watt, T12 Fluorescent Lamp	12.20	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0047	EA	4', 40 Watt, T12 Fluorescent Lamp	12.00	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0048	EA	8', 60 Watt, T12 Fluorescent Lamp	16.71	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0049	EA	8', 75 Watt, T12 Fluorescent Lamp	14.51	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0050	EA	8', 95 Watt, Instant Start T12 Fluorescent Lamp	21.72	
26 01 50 51-0051	EA	6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	13.69	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0052	EA	8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	11.67	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0053	EA	12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	11.36	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0054	EA	16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	12.32	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0055	EA	6", 4 Watt, T5 Fluorescent Lamp	10.56	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0056	EA	9", 6 Watt, T5 Fluorescent Lamp	10.43	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0057	EA	12", 8 Watt, T5 Fluorescent Lamp	10.69	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0058	EA	21", 13 Watt, T5 Fluorescent Lamp	11.07	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0059	EA	24", 14 Watt, T5 Fluorescent Lamp	12.41	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0060	EA	34", 21 Watt, T5 Fluorescent Lamp	13.57	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0061	EA	46", 28 Watt, T5 Fluorescent Lamp	13.23	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0062	EA	46", 54 Watt T5HO Fluorescent Lamp	14.23	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0063	EA	46", 54 Watt T5 Fluorescent Lamp	13.58	
26 01 50 51-0064	EA	32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	19.43	
		For Multiple Lamps In Fixture, Deduct	*-3.30*	
26 01 50 51-0065	EA	40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	18.83	
		For Multiple Lamps In Fixture, Deduct	*-3.30*	
26 01 50 51-0066	EA	27-55 Watt, 4-Pin Compact Fluorescent Lamp	16.31	
		For Multiple Lamps In Fixture, Deduct	*-1.65*	
26 01 50 51-0067	EA	5-13 Watt, 2-Pin Compact Fluorescent Lamp	7.97	
		For Multiple Lamps In Fixture, Deduct	*-1.65*	
26 01 50 51-0068	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	8.67	
		For Multiple Lamps In Fixture, Deduct	*-1.65*	
26 01 50 51-0069	EA	Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux	21.68	
26 01 50 51-0070	EA	Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux	21.68	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0071	EA	32 Watt 2D (DoubleD) Fluorescent Lamp	37.99	
26 01 50 51-0072	EA	26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp	14.68	
26 01 50 51-0073	EA	<9 Watt Spiral Compact Fluorescent Lamps, Screw-In	7.94	
26 01 50 51-0074	EA	9-27 Watt Spiral Compact Fluorescent Lamps, Screw-In	7.09	
26 01 50 51-0075	EA	29-32 Watt Spiral Compact Fluorescent Lamps, Screw-In	7.09	
26 01 50 51-0076	EA	33-42 Watt Spiral Compact Fluorescent Lamps, Screw-In	24.95	
26 01 50 51-0077	EA	43-65 Watt Spiral Compact Fluorescent Lamps, Screw-In	27.06	
26 01 50 51-0078	EA	85 Watt Spiral Compact Fluorescent Lamps, Screw-In	49.99	
26 01 50 51-0079	EA	105 Watt Spiral Compact Fluorescent Lamps, Screw-In	59.54	
26 01 50 51-0080	EA	200 Watt Spiral Compact Fluorescent Lamps, Screw-In	61.48	
26 01 50 51-0081	EA	11 Watt Compact Fluorescent Reflector Lamps, Screw-In	23.72	
26 01 50 51-0082	EA	15 Watt Compact Fluorescent Reflector Lamps, Screw-In	24.66	
26 01 50 51-0083	EA	20-28 Watt Compact Fluorescent Reflector Lamps, Screw-In	28.16	

26 01 50 51-0084 Mercury Vapor Lamps *(26 01 50 51-0001)*

26 01 50 51-0085	EA	100 Watt, Mercury Vapor Lamp	32.97	
26 01 50 51-0086	EA	175 Watt, Mercury Vapor Lamp	30.33	
26 01 50 51-0087	EA	250 Watt, Mercury Vapor Lamp	29.01	
26 01 50 51-0088	EA	400 Watt, Mercury Vapor Lamp	34.61	
26 01 50 51-0089	EA	1,000 Watt, Mercury Vapor Lamp	57.14	

26 01 50 51-0090 Metal Halide Lamps *(26 01 50 51-0001)*

26 01 50 51-0091	EA	50 Watt, Pulse Start Metal Halide Lamp	33.53	
26 01 50 51-0092	EA	70 Watt, Pulse Start Metal Halide Lamp	32.29	
26 01 50 51-0093	EA	100 Watt, Pulse Start Metal Halide Lamp	36.20	
26 01 50 51-0094	EA	150 Watt, Pulse Start Metal Halide Lamp	35.31	
26 01 50 51-0095	EA	175 Watt, Pulse Start Metal Halide Lamp	35.06	
26 01 50 51-0096	EA	250 Watt, Pulse Start Metal Halide Lamp	35.23	
26 01 50 51-0097	EA	400 Watt, Pulse Start Metal Halide Lamp	41.46	
26 01 50 51-0098	EA	1,000 Watt, Pulse Start Metal Halide Lamp	47.44	
26 01 50 51-0099	EA	1,500 Watt, Pulse Start Metal Halide Lamp	47.18	

26 01 50 51-0100 High Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0101	EA	35 Watt, High Pressure Sodium Lamp	28.49	
		For Enclosed And Gasket Light Fixtures, Add	*2.54*	
26 01 50 51-0102	EA	50 Watt, High Pressure Sodium Lamp	28.49	
		For Enclosed And Gasket Light Fixtures, Add	*2.54*	
26 01 50 51-0103	EA	70 Watt, High Pressure Sodium Lamp	29.02	
		For Enclosed And Gasket Light Fixtures, Add	*2.54*	
26 01 50 51-0104	EA	100 Watt, High Pressure Sodium Lamp	30.04	
		For Enclosed And Gasket Light Fixtures, Add	*2.54*	
26 01 50 51-0105	EA	150 Watt, High Pressure Sodium Lamp	29.02	
		For Enclosed And Gasket Light Fixtures, Add	*2.54*	
26 01 50 51-0106	EA	250 Watt, High Pressure Sodium Lamp	29.02	
		For Enclosed And Gasket Light Fixtures, Add	*2.54*	
26 01 50 51-0107	EA	400 Watt, High Pressure Sodium Lamp	27.51	
		For Enclosed And Gasket Light Fixtures, Add	*2.54*	
26 01 50 51-0108	EA	1,000 Watt, High Pressure Sodium Lamp	58.41	

26 01 50 51-0109 Low Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0110	EA	35 Watt, Low Pressure Sodium Lamp	65.13	
26 01 50 51-0111	EA	55 Watt, Low Pressure Sodium Lamp	72.13	
26 01 50 51-0112	EA	70 Watt, Low Pressure Sodium Lamp	73.71	
26 01 50 51-0113	EA	90 Watt, Low Pressure Sodium Lamp	75.29	
26 01 50 51-0114	EA	135 Watt, Low Pressure Sodium Lamp	81.59	
26 01 50 51-0115	EA	180 Watt, Low Pressure Sodium Lamp	109.98	

26 01 50 51-0116 LED Lamps *(26 01 50 51-0001)*

26 01 50 51-0117 LED Lamps, Candelabra Base, CA10 *(26 01 50 51-0116)*

26 01 50 51-0118	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	10.33	

26 01 50 51-0119 LED Lamps, Medium Base, A19 Or A21 *(26 01 50 51-0116)*

26 01 50 51-0120	EA	6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	12.93	
26 01 50 51-0121	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	12.93	
26 01 50 51-0122	EA	14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	19.89	
26 01 50 51-0123	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	14.69	
26 01 50 51-0124	EA	18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	24.24	

26 01 50 51-0125 LED Lamps, Medium Base, BR30 Or BR40 *(26 01 50 51-0116)*

26 01 50 51-0126	EA	9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	17.85	
26 01 50 51-0127	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	16.38	
26 01 50 51-0128	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	20.29	
26 01 50 51-0129	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	17.69	
26 01 50 51-0130	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	22.03	
26 01 50 51-0131	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	17.69	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0132		LED Lamps, Medium Base, PAR *(26 01 50 51-0116)*		
26 01 50 51-0133	EA	7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star)	19.24	
26 01 50 51-0134	EA	12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star)	24.65	
26 01 50 51-0135	EA	16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	24.65	
26 01 50 51-0136	EA	15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	23.78	
26 01 50 51-0137	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	22.91	
26 01 50 51-0138	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	22.91	
26 01 50 51-0139	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	40.49	
26 01 50 51-0140	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	24.65	
26 01 50 51-0141	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	23.78	
26 01 50 51-0142	EA	19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star)	24.65	
26 01 50 51-0143	EA	24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	24.65	
26 01 50 51-0144		LED Lamps, GU Base, MR16 *(26 01 50 51-0116)*		
26 01 50 51-0145	EA	4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star)	14.64	
26 01 50 51-0146	EA	6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star)	17.85	
26 01 50 51-0147	EA	8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star)	19.24	
26 01 50 51-0148		LED Lamps, PL Series *(26 01 50 51-0116)*		
26 01 50 51-0149	EA	3.5 Watt, 2-Pin CFL G23 Base , Hybrid Lamp (GreenCreative PLS 3.5 HYB G23)	18.97	
26 01 50 51-0150	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/827/DIR)	24.52	
26 01 50 51-0151	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/830/DIR)	20.08	
26 01 50 51-0152	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/835/DIR)	22.86	
26 01 50 51-0153	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/840/DIR)	22.86	
26 01 50 51-0154	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 10.5PLH/930/DIR)	27.86	
26 01 50 51-0155	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/827/DIR)	22.86	
26 01 50 51-0156	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/830/DIR)	22.86	
26 01 50 51-0157	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/835/DIR)	22.86	
26 01 50 51-0158	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/840/DIR)	22.86	
26 01 50 51-0159	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 10PLV/827/DIR)	26.19	
26 01 50 51-0160	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/830/DIR)	26.19	
26 01 50 51-0161	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 10PLV/835/DIR)	26.19	
26 01 50 51-0162	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/840/DIR)	26.19	
26 01 50 51-0163	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 11PLV/930/DIR)	24.52	
26 01 50 51-0164	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/827/DIR)	24.52	
26 01 50 51-0165	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/830/DIR)	24.52	
26 01 50 51-0166	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/835/DIR)	25.64	
26 01 50 51-0167	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/840/DIR)	25.64	
26 01 50 51-0168	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP)	25.88	
26 01 50 51-0169	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP)	25.88	
26 01 50 51-0170	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP)	25.88	
26 01 50 51-0171	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP)	25.88	
26 01 50 51-0172	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP)	26.75	
26 01 50 51-0173	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP)	26.75	
26 01 50 51-0174	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26)	26.75	
26 01 50 51-0175	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26)	26.75	
26 01 50 51-0176	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26)	26.75	
26 01 50 51-0177	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24)	26.75	
26 01 50 51-0178	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24)	26.75	
26 01 50 51-0179	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24)	26.75	
26 01 50 51-0180	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP)	35.43	
26 01 50 51-0181	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP)	35.43	
26 01 50 51-0182	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP)	35.43	
26 01 50 51-0183	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP)	33.43	
26 01 50 51-0184	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP)	33.43	
26 01 50 51-0185	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP)	33.43	
26 01 50 51-0186	EA	4 Pin, 6 Watt, 560 Lumens 4000K Horizontal Mount LED PL Lamp (Green Creative 57898)	16.81	
26 01 50 51-0187		HID LED Lamps, Medium Base E26 *(26 01 50 51-0116)*		
26 01 50 51-0188	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26)	71.76	
26 01 50 51-0189	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26)	71.76	
26 01 50 51-0190	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26)	92.31	
26 01 50 51-0191	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26)	92.31	
26 01 50 51-0192	EA	10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026)	58.21	
26 01 50 51-0193	EA	10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026)	58.21	
26 01 50 51-0194	EA	10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026)	58.21	
26 01 50 51-0195	EA	10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026)	58.21	
26 01 50 51-0196	EA	15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026)	60.43	
26 01 50 51-0197	EA	15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026)	60.43	
26 01 50 51-0198	EA	15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026)	60.43	
26 01 50 51-0199	EA	15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026)	60.43	
26 01 50 51-0200	EA	20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026)	69.32	
26 01 50 51-0201	EA	20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026)	69.32	
26 01 50 51-0202	EA	20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026)	69.32	
26 01 50 51-0203	EA	20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026)	69.32	
26 01 50 51-0204	EA	25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026)	80.43	
26 01 50 51-0205	EA	25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026)	80.43	
26 01 50 51-0206	EA	25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026)	80.43	
26 01 50 51-0207	EA	25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026)	80.43	
26 01 50 51-0208	EA	30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026)	104.88	
26 01 50 51-0209	EA	30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026)	104.88	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0210	EA	30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026)	104.88	
26 01 50 51-0211	EA	30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026)	104.88	
26 01 50 51-0212	EA	40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026)	125.99	
26 01 50 51-0213	EA	40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026)	125.99	
26 01 50 51-0214	EA	40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026)	125.99	
26 01 50 51-0215	EA	40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026)	125.99	
26 01 50 51-0216	EA	60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026)	140.43	
26 01 50 51-0217	EA	60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026)	140.43	
26 01 50 51-0218	EA	60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026)	140.43	
26 01 50 51-0219	EA	60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026)	140.43	
26 01 50 51-0220	EA	80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026)	192.66	
26 01 50 51-0221	EA	80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026)	192.66	
26 01 50 51-0222	EA	80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026)	192.66	
26 01 50 51-0223	EA	80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026)	192.66	
26 01 50 51-0224	EA	100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026)	199.33	
26 01 50 51-0225	EA	100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026)	199.33	
26 01 50 51-0226	EA	100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026)	199.33	
26 01 50 51-0227	EA	100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026)	199.33	
26 01 50 51-0228	EA	120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026)	238.22	
26 01 50 51-0229	EA	120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026)	238.22	
26 01 50 51-0230	EA	120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026)	238.22	
26 01 50 51-0231	EA	120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026)	238.22	
26 01 50 51-0232	EA	150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026)	284.89	
26 01 50 51-0233	EA	150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026)	284.89	
26 01 50 51-0234	EA	150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026)	284.89	
26 01 50 51-0235	EA	150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026)	284.89	
26 01 50 51-0236	EA	20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT40KMED-G6)	90.05	
26 01 50 51-0237	EA	20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT50KMED-G6)	97.83	
26 01 50 51-0238	EA	27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT40KMED-G5)	97.83	
26 01 50 51-0239	EA	27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT50KMED-G5)	90.05	
26 01 50 51-0240	EA	36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT40KMED-G5)	114.50	
26 01 50 51-0241	EA	36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT50KMED-G5)	104.50	
26 01 50 51-0242	EA	45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT40KMED-G5)	126.72	
26 01 50 51-0243	EA	45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT50KMED-G5)	125.41	
26 01 50 51-0244	EA	54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT40KMED-G5)	128.39	
26 01 50 51-0245	EA	54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT50KMED-G5)	128.39	
26 01 50 51-0246	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT40KMED-G7)	75.64	
26 01 50 51-0247	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT50KMED-G7)	75.64	
26 01 50 51-0248	EA	36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT40KMED-G7)	85.92	
26 01 50 51-0249	EA	36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT50KMED-G7)	85.92	
26 01 50 51-0250	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT40KMED-G7)	92.75	
26 01 50 51-0251	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT50KMED-G7)	92.75	
26 01 50 51-0252	EA	54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT40KMED-G7)	103.02	
26 01 50 51-0253	EA	54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT50KMED-G7)	103.02	
26 01 50 51-0254	EA	20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26)	103.55	
26 01 50 51-0255	EA	30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26)	112.67	
26 01 50 51-0256	EA	40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26)	141.45	
26 01 50 51-0257	EA	50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26)	156.34	
26 01 50 51-0258	EA	10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26)	58.22	
26 01 50 51-0259	EA	15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26)	66.22	
26 01 50 51-0260	EA	20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26)	70.22	
26 01 50 51-0261	EA	25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26)	77.66	
26 01 50 51-0262	EA	15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148015-UNV)	94.46	
26 01 50 51-0263	EA	20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148020-UNV)	111.56	
26 01 50 51-0264	EA	25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148025-UNV)	154.30	
26 01 50 51-0265	EA	30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148030-UNV)	162.85	
26 01 50 51-0266	EA	35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148035-UNV)	176.53	
26 01 50 51-0267	EA	40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148040-UNV)	185.07	
26 01 50 51-0268	EA	60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148060-UNV)	268.84	
26 01 50 51-0269	EA	20 Watts, 5000K CCT, 120-277 Volts, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K)	64.21	

26 01 50 51-0270 HID LED Lamps, Mogul Base E39 Or EX39 *(26 01 50 51-0116)*

26 01 50 51-0271	EA	120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39)	255.07	
26 01 50 51-0272	EA	120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39)	255.07	
26 01 50 51-0273	EA	120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39)	255.07	
26 01 50 51-0274	EA	27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39)	71.76	
26 01 50 51-0275	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R)	71.76	
26 01 50 51-0276	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39)	71.76	
26 01 50 51-0277	EA	45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39)	92.31	
26 01 50 51-0278	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R)	92.31	
26 01 50 51-0279	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39)	92.31	
26 01 50 51-0280	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39)	175.65	
26 01 50 51-0281	EA	80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039)	192.66	
26 01 50 51-0282	EA	80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039)	192.66	
26 01 50 51-0283	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039)	192.66	
26 01 50 51-0284	EA	80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039)	192.66	
26 01 50 51-0285	EA	100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039)	199.33	
26 01 50 51-0286	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039)	199.33	
26 01 50 51-0287	EA	100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039)	199.33	
26 01 50 51-0288	EA	100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039)	199.33	
26 01 50 51-0289	EA	120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039)	238.22	
26 01 50 51-0290	EA	120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039)	238.22	
26 01 50 51-0291	EA	120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039)	238.22	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0292	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039)	238.22	
26 01 50 51-0293	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039)	284.89	
26 01 50 51-0294	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039)	284.89	
26 01 50 51-0295	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039)	284.89	
26 01 50 51-0296	EA	150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039)	284.89	
26 01 50 51-0297	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5)	97.83	
26 01 50 51-0298	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5)	97.83	
26 01 50 51-0299	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5)	114.50	
26 01 50 51-0300	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5)	112.97	
26 01 50 51-0301	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5)	126.72	
26 01 50 51-0302	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5)	125.41	
26 01 50 51-0303	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5)	128.39	
26 01 50 51-0304	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5)	124.52	
26 01 50 51-0305	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5)	275.62	
26 01 50 51-0306	EA	20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/40KMOG-G7)	97.80	
26 01 50 51-0307	EA	20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/50KMOG-G7)	97.80	
26 01 50 51-0308	EA	30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/40KMOG-G7)	111.62	
26 01 50 51-0309	EA	30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/50KMOG-G7)	111.62	
26 01 50 51-0310	EA	40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/40KMOG-G7)	119.93	
26 01 50 51-0311	EA	40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/50KMOG-G7)	119.93	
26 01 50 51-0312	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7)	75.51	
26 01 50 51-0313	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7)	75.51	
26 01 50 51-0314	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7)	85.92	
26 01 50 51-0315	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7)	85.92	
26 01 50 51-0316	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7)	92.75	
26 01 50 51-0317	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7)	92.75	
26 01 50 51-0318	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7)	103.02	
26 01 50 51-0319	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7)	103.02	
26 01 50 51-0320	EA	65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39)	189.56	
26 01 50 51-0321	EA	80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39)	220.01	
26 01 50 51-0322	EA	100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39)	263.34	
26 01 50 51-0323	EA	120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39)	518.54	
26 01 50 51-0324	EA	150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39)	489.40	
26 01 50 51-0325	EA	200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39)	518.54	
26 01 50 51-0326	EA	250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39)	520.81	
26 01 50 51-0327	EA	24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A)	75.00	
26 01 50 51-0328	EA	24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A)	75.00	
26 01 50 51-0329	EA	24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A)	75.00	
26 01 50 51-0330	EA	100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50)	227.00	
26 01 50 51-0331	EA	115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D)	237.57	
26 01 50 51-0332	EA	40 Watts, 120-277 Volts, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K)	176.77	
26 01 50 51-0333	EA	100 Watts, 480 Volts, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K)	208.94	
26 01 50 51-0334	EA	45 Watts, 120-277 Volts, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K)	89.94	
26 01 50 51-0335	EA	40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K)	167.75	

26 01 50 51-0336 LED Lamps, 2G11 Base *(26 01 50 51-0116)*

26 01 50 51-0337	EA	19 Watt, 1550 Lumens, 3500K, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR)	29.21	

26 01 50 51-0338 LED Lamps, GX23 Base *(26 01 50 51-0116)*

26 01 50 51-0339	EA	5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4)	15.27	

26 01 50 51-0340 LED Lamps, G24 Base *(26 01 50 51-0116)*

26 01 50 51-0341	EA	5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R)	19.31	

26 01 50 51-0342 LED Tubes (Fluorescent Lamp Replacement) *(26 01 50 51-0116)*

26 01 50 51-0343	EA	2', 1,250 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K)	26.44	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0344	EA	2', 1,900 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K)	33.70	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0345	EA	3', 1,900 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K)	28.44	
		For Multiple Lamps In Fixture, Deduct	*-2.80*	
26 01 50 51-0346	EA	4', 1,900 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K)	31.06	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0347	EA	4', 2,200 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K)	33.78	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0348	EA	4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN)	22.22	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0349	EA	2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN)	21.23	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0350	EA	2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF)	19.55	
		For Multiple Lamps In Fixture, Deduct	*-2.64*	
26 01 50 51-0351	EA	3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF)	19.98	
		For Multiple Lamps In Fixture, Deduct	*-2.80*	
26 01 50 51-0352	EA	4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF)	20.13	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	
26 01 50 51-0353	EA	4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF)	20.77	
		For Multiple Lamps In Fixture, Deduct	*-2.97*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 01 50 51-0354 Filament LED Lamps *(26 01 50 51-0116)*

26 01 50 51-0355	EA	7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827)	21.54	
26 01 50 51-0356	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R)	21.54	
26 01 50 51-0357	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827)	20.42	
26 01 50 51-0358	EA	4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A)	20.42	
26 01 50 51-0359	EA	4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827)	22.20	
26 01 50 51-0360	EA	4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A)	22.20	
26 01 50 51-0361	EA	3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827)	18.20	
26 01 50 51-0362	EA	3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26)	18.20	
26 01 50 51-0363	EA	3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A)	18.87	
26 01 50 51-0364	EA	3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A)	23.76	
26 01 50 51-0365	EA	4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521)	14.86	

26 01 50 51-0366 Other Lamps *(26 01 50 51-0116)*

26 01 50 51-0367	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1)	20.25	
26 01 50 51-0368	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM)	20.25	
26 01 50 51-0369	EA	11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM)	20.25	
26 01 50 51-0370	EA	12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1)	21.36	
26 01 50 51-0371	EA	13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1)	21.36	
26 01 50 51-0372	EA	8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1)	21.36	

26 01 50 51-0373 LED Lamps, Light Engines, Round, LER Series *(26 01 50 51-0116)*

26 01 50 51-0374	EA	5.5" Diameter, 17 Watt, 3000K Round LED Light Engine (Maxlite LER5.5A1730)	36.32	
26 01 50 51-0375	EA	9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U)	22.91	

26 01 50 51-0376 Recycle Hazardous Lamps *(26 01 50 51)*

Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 01 22 23 00-0001 for work over 14' to add appropriate aerial lift.

26 01 50 51-0377	EA	Recycle 2' Length Linear Fluorescent Lamps	0.27	
26 01 50 51-0378	EA	Recycle 3' Length Linear Fluorescent Lamps	0.40	
26 01 50 51-0379	EA	Recycle 4' Length Linear Fluorescent Lamps	0.53	
26 01 50 51-0380	EA	Recycle 6' Length Linear Fluorescent Lamps	0.80	
26 01 50 51-0381	EA	Recycle 8' Length Linear Fluorescent Lamps	1.07	
26 01 50 51-0382	EA	Recycle Compact Fluorescent Lamps	0.48	
26 01 50 51-0383	EA	Recycle U-Shaped Or Circular Fluorescent Lamps	0.48	
26 01 50 51-0384	EA	Recycle High Intensity Discharge (HID) Lamps	1.67	

26 01 50 52 Ballasts Replacement *(26 01 50)*

26 01 50 52-0001 Lighting Ballasts *(26 01 50 52)*

Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 52-0002 Fluorescent Ballasts *(26 01 50 52-0001)*

26 01 50 52-0003 T5 Fluorescent Ballasts *(26 01 50 52-0002)*

26 01 50 52-0004 T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0005 14 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0006	EA	1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	76.77	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*3.99*	
26 01 50 52-0007	EA	2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	81.77	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*3.99*	

26 01 50 52-0008 21 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0009	EA	1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	76.77	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*3.99*	
26 01 50 52-0010	EA	2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	81.77	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*3.99*	

26 01 50 52-0011 28 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0012	EA	1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	76.77	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*3.99*	
26 01 50 52-0013	EA	2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	81.77	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*3.99*	

26 01 50 52-0014 35 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*

26 01 50 52-0015	EA	1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	76.77	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0016	EA	2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	81.77	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0017		54 Watt, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0004)*		
26 01 50 52-0018	EA	1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	76.69	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0019	EA	2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	81.69	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0020	EA	3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	110.54	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0021	EA	4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	115.53	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0022		High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0003)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0023		12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*		
26 01 50 52-0024	EA	1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	65.44	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0025	EA	2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	70.44	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0026		24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*		
26 01 50 52-0027	EA	1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	83.55	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0028	EA	2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	88.55	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0029		39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*		
26 01 50 52-0030	EA	1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	83.55	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0031	EA	2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	88.55	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0032		54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0022)*		
26 01 50 52-0033	EA	1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	65.44	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0034	EA	2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	70.44	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0035		Dimming, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0003)*		
26 01 50 52-0036		Step Dimming, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037		28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast *(26 01 50 52-0036)*		
26 01 50 52-0038	EA	2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast	77.69	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0039		Dimming To 5%, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040		54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0039)*		
26 01 50 52-0041	EA	1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	255.10	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0042	EA	2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	253.25	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0043		T8 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0044		T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)*		
		Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045		17 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*		
26 01 50 52-0046	EA	1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	37.31	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*9.70*	
26 01 50 52-0047	EA	1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	60.65	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*6.38*	
26 01 50 52-0048	EA	2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	42.31	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*9.70*	
26 01 50 52-0049	EA	2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	65.65	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*6.38*	
26 01 50 52-0050	EA	3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	51.41	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
		For High Ballast Factor, Add	*9.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0051	EA	3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	74.24	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
		For High Ballast Factor, Add	*5.42*	
26 01 50 52-0052	EA	4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	59.07	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
		For High Ballast Factor, Add	*23.92*	
26 01 50 52-0053	EA	4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	82.03	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
		For High Ballast Factor, Add	*13.96*	

26 01 50 52-0054 25 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0055	EA	1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	37.31	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*9.70*	
26 01 50 52-0056	EA	1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	60.65	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*6.38*	
26 01 50 52-0057	EA	2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	42.31	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*9.70*	
26 01 50 52-0058	EA	2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	65.65	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*6.38*	
26 01 50 52-0059	EA	3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	51.41	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
		For High Ballast Factor, Add	*9.45*	
26 01 50 52-0060	EA	3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	74.24	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
		For High Ballast Factor, Add	*5.42*	
26 01 50 52-0061	EA	4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	59.07	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
		For High Ballast Factor, Add	*23.92*	
26 01 50 52-0062	EA	4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	82.03	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
		For High Ballast Factor, Add	*13.96*	

26 01 50 52-0063 28 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0064	EA	1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	37.31	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*9.70*	
26 01 50 52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	60.65	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*6.38*	
26 01 50 52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	42.31	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*9.70*	
26 01 50 52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	65.65	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*6.38*	
26 01 50 52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	51.41	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
		For High Ballast Factor, Add	*9.45*	
26 01 50 52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	74.24	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
		For High Ballast Factor, Add	*5.42*	
26 01 50 52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	59.07	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
		For High Ballast Factor, Add	*23.92*	
26 01 50 52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	82.03	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
		For High Ballast Factor, Add	*13.96*	

26 01 50 52-0072 32 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	37.31	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*9.70*	
26 01 50 52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	60.65	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*6.38*	
26 01 50 52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	42.31	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*9.70*	
26 01 50 52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	65.65	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*6.38*	
26 01 50 52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	51.41	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
		For High Ballast Factor, Add	*9.45*	
26 01 50 52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	74.24	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
		For High Ballast Factor, Add	*5.42*	
26 01 50 52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	59.07	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
		For High Ballast Factor, Add	*23.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0080	EA	4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	82.03	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
		For High Ballast Factor, Add	*13.96*	

26 01 50 52-0081 40 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0082	EA	1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	55.71	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*4.15*	
26 01 50 52-0083	EA	1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	60.65	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*6.38*	
26 01 50 52-0084	EA	2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	60.71	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*4.15*	
26 01 50 52-0085	EA	2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	65.65	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*6.38*	
26 01 50 52-0086	EA	3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	75.44	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
		For High Ballast Factor, Add	*2.55*	
26 01 50 52-0087	EA	3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	74.24	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0088	EA	4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	80.43	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
		For High Ballast Factor, Add	*2.55*	
26 01 50 52-0089	EA	4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	82.03	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	

26 01 50 52-0090 96 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*

26 01 50 52-0091	EA	1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	65.44	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
		For High Ballast Factor, Add	*8.89*	
26 01 50 52-0092	EA	2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	70.44	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
		For High Ballast Factor, Add	*8.89*	

26 01 50 52-0093 High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0043)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0094 48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0095	EA	1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	77.97	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0096	EA	1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	99.60	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0097	EA	2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	82.97	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0098	EA	2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	104.60	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	

26 01 50 52-0099 60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0100	EA	1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	77.97	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0101	EA	1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	99.60	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0102	EA	2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	82.97	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0103	EA	2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	104.60	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	

26 01 50 52-0104 72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0105	EA	1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	77.97	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0106	EA	1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	99.60	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0107	EA	2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	82.97	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0108	EA	2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	104.60	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	

26 01 50 52-0109 96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts *(26 01 50 52-0093)*

26 01 50 52-0110	EA	1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	77.97	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0111	EA	1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	99.60	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0112	EA	2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	82.97	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0113	EA	2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	104.60	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	

26 01 50 52-0114 Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0115		Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)* Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0116		17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0117	EA	1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	45.49	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0118	EA	2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	50.49	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0119	EA	3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	58.51	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0120	EA	4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	70.23	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0121	EA	5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	102.02	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0122	EA	6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	107.01	44.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0123		25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0124	EA	1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	45.49	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0125	EA	2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	50.49	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0126	EA	3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	58.51	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0127	EA	4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	70.23	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0128	EA	5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	102.02	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0129	EA	6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	107.01	44.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0130		28 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0131	EA	1 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	45.49	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0132	EA	2 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	50.49	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0133	EA	3 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	58.51	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0134	EA	4 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	70.23	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0135	EA	5 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	102.02	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0136	EA	6 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	107.01	44.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0137		32 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0138	EA	1 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	45.49	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0139	EA	2 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	50.49	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0140	EA	3 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	58.51	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0141	EA	4 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	70.23	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0142	EA	5 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	102.02	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0143	EA	6 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	107.01	44.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0144		40 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0115)*		
26 01 50 52-0145	EA	1 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	45.49	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0146	EA	2 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	50.49	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0147	EA	3 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	58.51	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0148	EA	4 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	70.23	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0149	EA	5 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	102.02	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0150	EA	6 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	107.01	44.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0151		Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)* Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0152		17 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*		
26 01 50 52-0153	EA	1 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	45.49	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0154	EA	2 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	50.49	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0155	EA	3 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	57.17	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0156	EA	4 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	70.23	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0157	EA	5 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	97.73	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0158	EA	6 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	102.72	44.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0159		25 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*		
26 01 50 52-0160	EA	1 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	45.49	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0161	EA	2 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	50.49	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0162	EA	3 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	57.17	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0163	EA	4 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	70.23	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0164	EA	5 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	97.73	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0165	EA	6 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	102.72	44.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0166		28 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*		
26 01 50 52-0167	EA	1 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	45.49	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0168	EA	2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	50.49	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0169	EA	3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	57.17	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0170	EA	4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	70.23	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0171	EA	5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	97.73	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0172	EA	6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	102.72	44.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0173		32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*		
26 01 50 52-0174	EA	1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	45.49	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0175	EA	2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	50.49	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0176	EA	3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	57.17	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0177	EA	4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	70.23	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0178	EA	5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	97.73	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0179	EA	6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	102.72	44.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0180		40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*		
26 01 50 52-0181	EA	1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	45.49	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0182	EA	2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	50.49	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0183	EA	3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	57.17	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0184	EA	4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	70.23	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0185	EA	5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	97.73	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0186	EA	6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	102.72	44.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 01 50 52-0187		Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0188		17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*		
26 01 50 52-0189	EA	1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	94.56	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0190	EA	2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	99.56	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0191	EA	3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	119.00	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0192	EA	4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	123.99	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0193		25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0194	EA	1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	94.56	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0195	EA	2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	99.56	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0196	EA	3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	119.00	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0197	EA	4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	123.99	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0198		**28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0199	EA	1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	94.56	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0200	EA	2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	99.56	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0201	EA	3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	119.00	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0202	EA	4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	123.99	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0203		**32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0187)*		
26 01 50 52-0204	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	94.56	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0205	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	99.56	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0206	EA	3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	119.00	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0207	EA	4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	123.99	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0208		**T10 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0209		**T10 Fluorescent Electronic Ballasts** *(26 01 50 52-0208)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210		**40 Watt, T10 Fluorescent Electronic Ballasts** *(26 01 50 52-0209)*		
26 01 50 52-0211	EA	1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	50.12	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0212	EA	2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	55.12	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0213	EA	3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	67.38	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0214		**T12 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0215		**T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0214)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216		**25 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0217	EA	1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	37.31	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0218	EA	1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	50.12	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0219	EA	2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	42.31	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0220	EA	2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	55.12	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0221	EA	3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	51.41	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0222	EA	4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	59.07	34.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0223		**30 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0224	EA	1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	50.12	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0225	EA	2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	55.12	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0226	EA	3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	67.38	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0227		**34 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0228	EA	1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	50.12	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0229	EA	2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	55.12	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0230	EA	3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	67.38	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0231		**40 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0232	EA	1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	50.12	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0233	EA	2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	55.12	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0234	EA	3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	67.38	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0235		**96 Watt, T12 Fluorescent Electronic Ballasts** *(26 01 50 52-0215)*		
26 01 50 52-0236	EA	1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	61.21	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0237	EA	2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	70.44	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0238		**High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0214)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239		**48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0240	EA	1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	78.20	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0241	EA	2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	83.20	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0242		**60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0243	EA	1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	78.20	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0244	EA	2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	83.20	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0245		**72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0246	EA	1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	78.20	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0247	EA	2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	83.20	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0248		**96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0249	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	78.20	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0250	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	83.20	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0251		**Emergency Fluorescent Ballasts** *(26 01 50 52-0002)*		
		Note: 120/277 Volt.		
26 01 50 52-0252	EA	One Lamp, 350-450 Lumens, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100)	125.19	19.97
		For Factory Installation In New Fixtures, Deduct	*-39.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0253	EA	Two Lamp, 600-700 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60)	199.32	24.97
		For Factory Installation In New Fixtures, Deduct	*-41.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0254	EA	One Or Two Lamp, 1,100-1,400 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50)	244.81	24.97
		For Factory Installation In New Fixtures, Deduct	*-41.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0255	EA	One Or Two Lamp, 600-700 Lumens, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A)	184.12	24.97
		For Factory Installation In New Fixtures, Deduct	*-41.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0256	EA	Two Or Three Lamp, 2,700-3,400 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33)	820.66	29.97
		For Factory Installation In New Fixtures, Deduct	*-43.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.19*	
26 01 50 52-0257	EA	One Lamp, 225-450 Lumens, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54)	247.60	19.97
		For Factory Installation In New Fixtures, Deduct	*-39.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0258	EA	One Or Two Lamp, 325-1,000 Lumens, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG)	407.96	24.97
		For Factory Installation In New Fixtures, Deduct	*-41.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0259	EA	One Or Two Lamp, 300-750 Lumens, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG)	229.83	24.97
		For Factory Installation In New Fixtures, Deduct	*-41.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0260	EA	One Lamp, 200-625 Lumens, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413)	308.56	19.97
		For Factory Installation In New Fixtures, Deduct	*-39.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0261	EA	One Lamp, 300-650 Lumens, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463)	241.79	19.97
		For Factory Installation In New Fixtures, Deduct	*-39.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0262	EA	One Or Two Lamp, 450-950 Lumens, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426)	272.20	24.97
		For Factory Installation In New Fixtures, Deduct	*-41.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0263		EA	One Or Two Lamp, 1,100-1,400 Lumens, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	293.60	24.97
			For Factory Installation In New Fixtures, Deduct	*-41.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0264		EA	Two Lamp, 600-700 Lumens, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	248.97	24.97
			For Factory Installation In New Fixtures, Deduct	*-41.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0265		EA	One Lamp, 600-700 Lumens, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	252.03	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0266		EA	One Lamp, 500-600 Lumens, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	221.09	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0267		EA	One Or Two Lamp, 300-750 Lumens, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	229.83	24.97
			For Factory Installation In New Fixtures, Deduct	*-41.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0268		EA	One Lamp, 450 Lumens, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	224.43	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0269		EA	One Or Two Lamp, 1,100-1,400 Lumens, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	401.74	24.97
			For Factory Installation In New Fixtures, Deduct	*-41.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0270		EA	One Or Two Lamp, 1,800-3,500 Lumens, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST)	499.33	24.97
			For Factory Installation In New Fixtures, Deduct	*-41.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0271		EA	One Or Two Lamp, 1,450-3,500 Lumens, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT)	923.86	24.97
			For Factory Installation In New Fixtures, Deduct	*-41.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0272		EA	One Or Two Lamp, 1,100-1,400 Lumens, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT)	645.45	24.97
			For Factory Installation In New Fixtures, Deduct	*-41.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0273		EA	One Or Two Lamp, 1,100-3,100 Lumens, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48)	334.17	24.97
			For Factory Installation In New Fixtures, Deduct	*-41.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 01 50 52-0274		EA	One Lamp, 1,050-3,200 Lumens, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1)	429.06	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0275		EA	250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD)	2,347.73	24.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	

26 01 50 52-0276 LED Emergency Ballasts *(26 01 50 52-0001)*

26 01 50 52-0277		EA	Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L)	139.60	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0278		EA	Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST)	160.41	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0279		EA	Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C)	185.33	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0280		EA	Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310)	176.39	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0281		EA	Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718)	305.16	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0282		EA	Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV)	289.17	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 01 50 52-0283		EA	Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ)	275.42	19.97
			For Factory Installation In New Fixtures, Deduct	*-39.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	

26 01 50 52-0284 Compact Fluorescent Ballasts *(26 01 50 52-0001)*

26 01 50 52-0285 Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0286 18 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0287		EA	1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	72.94	19.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0288	EA	2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	77.94	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0289		26 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0290	EA	1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	72.94	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0291	EA	2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	77.94	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0292		32 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0293	EA	1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	88.97	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0294	EA	2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	93.97	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0295		40 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0296	EA	1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	71.03	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0297	EA	1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	88.97	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0298	EA	2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	129.89	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0299	EA	2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	93.97	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0300	EA	3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	153.66	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 01 50 52-0301		42 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0302	EA	1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	88.97	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0303	EA	2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	93.97	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0304		55 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0305	EA	1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	88.97	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0306	EA	2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	93.97	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0307		Dimming, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*		
26 01 50 52-0308		Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0307)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0309		18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0310	EA	1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	129.98	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0311	EA	2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	134.98	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0312		26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0313	EA	1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	129.98	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0314	EA	2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	134.98	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0315		32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0316	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	129.98	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0317	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	143.83	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0318		40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0319	EA	2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	143.83	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0320		42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0321	EA	1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	129.98	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0322	EA	2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	143.83	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0323		55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0324	EA	1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	204.17	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0325	EA	2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	229.99	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0326		High Intensity Discharge (HID) Ballasts *(26 01 50 52-0001)*		
26 01 50 52-0327		Magnetic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0326)*		
26 01 50 52-0328		Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0329		Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*		
26 01 50 52-0330	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	125.03	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0331	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	127.94	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0332	EA	1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	127.94	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0333	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	114.85	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0334	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	114.85	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0335	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	175.22	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0336	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	175.22	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0337	EA	1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	224.17	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0338	EA	1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	249.13	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0339		High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*		
26 01 50 52-0340	EA	1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	113.52	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0341	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	120.03	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0342	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	117.22	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0343	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	136.79	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0344	EA	1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	134.00	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0345	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	152.16	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0346	EA	1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	152.16	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0347	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	182.37	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0348	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	182.37	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0349	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	288.37	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0350	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	288.37	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0351		Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*		
26 01 50 52-0352	EA	Single Mounting Bracket For Core And Coil Type	12.40	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.00*	
26 01 50 52-0353	EA	Double Mounting Bracket For Core And Coil Type	19.83	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 01 50 52-0354		F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0355		Metal Halide, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0354)*		
26 01 50 52-0356	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	157.11	24.97
		For Pulse Start Ballast, Add	*12.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0357	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	165.18	24.97
		For Pulse Start Ballast, Add	*13.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0358	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	150.99	24.97
		For Pulse Start Ballast, Add	*11.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0359	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	174.32	24.97
		For Pulse Start Ballast, Add	*13.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0360	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	239.70	24.97
		For Pulse Start Ballast, Add	*20.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0361		High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0354)*		
26 01 50 52-0362	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	187.72	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0363	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	200.32	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0364		Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0365		Metal Halide, Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0364)*		
26 01 50 52-0366	EA	1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast	308.46	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0367		High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0364)*		
26 01 50 52-0368	EA	1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	472.03	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0369	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	525.72	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0370	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	507.15	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0371		Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0372		Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0371)*		
26 01 50 52-0373	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	378.39	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0374	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	428.66	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0375	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	564.24	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0376	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	561.33	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0377	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	784.39	26.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.09*	
26 01 50 52-0378	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	784.39	26.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.09*	
26 01 50 52-0379	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	541.38	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0380	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	635.87	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0381		High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts *(26 01 50 52-0371)*		
26 01 50 52-0382	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	700.84	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0383	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	667.54	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0384	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	856.35	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0385	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	856.35	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0386		Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0387		Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0386)*		
26 01 50 52-0388	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	424.46	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0389	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	458.01	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0390	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	454.71	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0391	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	477.19	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0392	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	755.08	26.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.09*	
26 01 50 52-0393	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	926.74	26.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.09*	
26 01 50 52-0394	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	704.75	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0395	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	642.16	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0396		High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts *(26 01 50 52-0386)*		
26 01 50 52-0397	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	546.22	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0398		EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	588.54	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0399		EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	875.89	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0400		EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	754.48	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	

26 01 50 52-0401 Electronic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0326)*

26 01 50 52-0402 Electronic Low Frequency High Intensity Discharge (HID) Ballasts *(26 01 50 52-0401)*

26 01 50 52-0403		EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	173.20	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0404		EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	173.20	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0405		EA	1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	194.41	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0406		EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	491.66	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0407		EA	1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	491.66	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0408		EA	1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	491.66	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0409		EA	1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	491.66	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0410		EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	491.66	24.97
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	

26 01 50 52-0411 Owner Supplied Ballasts *(26 01 50 52-0001)*

26 01 50 52-0412		EA	Install Owner Supplied, 1 Lamp Fluorescent Ballast	19.97	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 01 50 52-0413		EA	Install Owner Supplied, 2 Lamp Fluorescent Ballast	24.97	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 01 50 52-0414		EA	Install Owner Supplied, 3 Lamp Fluorescent Ballast	28.96	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 01 50 52-0415		EA	Install Owner Supplied, 4 Lamp Fluorescent Ballast	30.97	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.29*	
26 01 50 52-0416		EA	Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast	34.96	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 01 50 52-0417		EA	Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast	36.96	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.09*	

26 01 50 52-0418 Retrofit Lighting Fixtures *(26 01 50 52)*

26 01 50 52-0419 Retrofit Existing Fixtures *(26 01 50 52-0418)*

26 01 50 52-0420 LED Lighting Retrofits For Existing Downlight Fixtures (GreenCreative) *(26 01 50 52-0419)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0421	EA	15 Watt, 7" Round Downlight, 2700K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/927)	104.90	
26 01 50 52-0422	EA	15 Watt, 7" Round Downlight, 3000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/930)	104.90	
26 01 50 52-0423	EA	15 Watt, 7" Round Downlight, 4000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/940)	104.90	
26 01 50 52-0424	EA	8.5 Watt, 4" Diameter, 2700K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/827)	83.79	
26 01 50 52-0425	EA	8.5 Watt, 4" Diameter, 3000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/830)	83.79	
26 01 50 52-0426	EA	8.5 Watt, 4" Diameter, 4000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/840)	83.79	
26 01 50 52-0427	EA	11.6 Watt, 6" Diameter, 2700K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/827)	92.68	
26 01 50 52-0428	EA	11.6 Watt, 6" Diameter, 3000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/830)	92.68	
26 01 50 52-0429	EA	11.6 Watt, 6" Diameter, 4000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/840)	92.68	

26 01 50 52-0430 LED Lighting Retrofits For Existing Site Fixtures (Daylight Technology) *(26 01 50 52-0419)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0431	EA	23 Watt, 2,300 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-20w)	323.61	
26 01 50 52-0432	EA	33 Watt, 3,300 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-30w)	336.94	
26 01 50 52-0433	EA	44 Watt, 4,400 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-40w)	350.28	
26 01 50 52-0434	EA	54 Watt, 5,400 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-50w)	365.60	
26 01 50 52-0435	EA	65 Watt, 6,500 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-60w)	404.49	
26 01 50 52-0436	EA	75 Watt, 7,600 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-70w)	419.83	
26 01 50 52-0437	EA	86 Watt, 8,600 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-80w)	456.50	
26 01 50 52-0438	EA	96 Watt, 9,600 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-90w)	469.83	
26 01 50 52-0439	EA	107 Watt, 10,700 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-100w)	485.16	
26 01 50 52-0440	EA	117 Watt, 11,700 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-110w)	509.61	
26 01 50 52-0441	EA	128 Watt, 12,800 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-120w)	534.94	
26 01 50 52-0442	EA	138 Watt, 13,800 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-130w)	560.49	
26 01 50 52-0443	EA	149 Watt, 14,900 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-140w)	573.83	
26 01 50 52-0444	EA	161 Watt, 16,100 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-150w)	596.05	
26 01 50 52-0445	EA	172 Watt, 17,200 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-160w)	621.28	
26 01 50 52-0446	EA	182 Watt, 18,200 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-170w)	649.06	
26 01 50 52-0447	EA	193 Watt, 19,300 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-180w)	691.28	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0448	EA	203 Watt, 20,300 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-190w)	710.17	
26 01 50 52-0449	EA	214 Watt, 21,400 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-200w)	742.17	
26 01 50 52-0450	EA	224 Watt, 22,400 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-210w)	785.51	
26 01 50 52-0451	EA	235 Watt, 23,500 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-220w)	807.74	
26 01 50 52-0452	EA	245 Watt, 24,500 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-230w)	859.63	
26 01 50 52-0453	EA	256 Watt, 25,600 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-240w)	908.52	
26 01 50 52-0454	EA	266 Watt, 26,600 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-250w)	941.63	
26 01 50 52-0455	EA	277 Watt, 27,700 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-260w)	989.42	
26 01 50 52-0456	EA	287 Watt, 28,700 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-270w)	1,081.41	
26 01 50 52-0457	EA	298 Watt, 29,800 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-280w)	1,092.53	
26 01 50 52-0458	EA	319 Watt, 31,900 Lumens, LED Site Retrofit Plate (Daylight Technology DL-S-300w)	1,119.97	

26 01 50 52-0459 LED Lighting Retrofits For Existing Fixtures (Optilumen) *(26 01 50 52-0419)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0460	EA	20 Watt, 1 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT1418M-35) Note: Fits 1' x 4' Troffer/Strip	132.17	
26 01 50 52-0461	EA	20 Watt, 1 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT1418M-40) Note: Fits 1' x 4' Troffer/Strip	132.17	
26 01 50 52-0462	EA	20 Watt, 1 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT1418M-50) Note: Fits 1' x 4' Troffer/Strip	132.17	
26 01 50 52-0463	EA	30 Watt, 2 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT2415M-35) Note: Fits 2' x 4' Troffer/Strip	137.72	
26 01 50 52-0464	EA	30 Watt, 2 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT2415M-40) Note: Fits 2' x 4' Troffer/Strip	137.72	
26 01 50 52-0465	EA	30 Watt, 2 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT2415M-50) Note: Fits 2' x 4' Troffer/Strip	137.72	
26 01 50 52-0466	EA	40 Watt, 2 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT2418M-35) Note: Fits 2' x 4' Troffer/Strip	148.84	
26 01 50 52-0467	EA	40 Watt, 2 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT2418M-40) Note: Fits 2' x 4' Troffer/Strip	148.84	
26 01 50 52-0468	EA	40 Watt, 2 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT2418M-50) Note: Fits 2' x 4' Troffer/Strip	148.84	
26 01 50 52-0469	EA	30 Watt, 3 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT3415M-35) Note: Fits 2' x 4' Troffer/Strip	137.72	
26 01 50 52-0470	EA	30 Watt, 3 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT3415M-40) Note: Fits 2' x 4' Troffer/Strip	137.72	
26 01 50 52-0471	EA	30 Watt, 3 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT3415M-50) Note: Fits 2' x 4' Troffer/Strip	137.72	
26 01 50 52-0472	EA	40 Watt, 3 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT3418M-35) Note: Fits 2' x 4' Troffer/Strip	148.84	
26 01 50 52-0473	EA	40 Watt, 3 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT3418M-40) Note: Fits 2' x 4' Troffer/Strip	148.84	
26 01 50 52-0474	EA	40 Watt, 3 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT3418M-50) Note: Fits 2' x 4' Troffer/Strip	148.84	
26 01 50 52-0475	EA	50 Watt, 3 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT3424M-35) Note: Fits 2' x 4' Troffer/Strip	171.06	
26 01 50 52-0476	EA	50 Watt, 3 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT3424M-40) Note: Fits 2' x 4' Troffer/Strip	171.06	
26 01 50 52-0477	EA	50 Watt, 3 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT3424M-50) Note: Fits 2' x 4' Troffer/Strip	171.06	
26 01 50 52-0478	EA	10 Watt, 1 x 21", 3500L CCT, LED Retrofit Kit (Optilumen RKT1209M-35) Note: Fits 1' x 2' Troffer/Strip	132.17	
26 01 50 52-0479	EA	10 Watt, 1 x 21", 4000L CCT, LED Retrofit Kit (Optilumen RKT1209M-40) Note: Fits 1' x 2' Troffer/Strip	132.17	
26 01 50 52-0480	EA	10 Watt, 1 x 21", 5000L CCT, LED Retrofit Kit (Optilumen RKT1209M-50) Note: Fits 1' x 2' Troffer/Strip	132.17	
26 01 50 52-0481	EA	22 Watt, 2 x 21", 3500L CCT, LED Retrofit Kit (Optilumen RKT2209M-35) Note: Fits 2' x 2' Troffer/Strip	132.17	
26 01 50 52-0482	EA	22 Watt, 2 x 21", 4000L CCT, LED Retrofit Kit (Optilumen RKT2209M-40) Note: Fits 2' x 2' Troffer/Strip	132.17	
26 01 50 52-0483	EA	22 Watt, 2 x 21", 5000L CCT, LED Retrofit Kit (Optilumen RKT2209M-50) Note: Fits 2' x 2' Troffer/Strip	132.17	
26 01 50 52-0484	EA	20 Watt, 3 x 21", 3500L CCT, LED Retrofit Kit (Optilumen RKT3209M-35) Note: Fits 2' x 2' Troffer/Strip	137.72	
26 01 50 52-0485	EA	20 Watt, 3 x 21", 4000L CCT, LED Retrofit Kit (Optilumen RKT3209M-40) Note: Fits 2' x 2' Troffer/Strip	137.72	
26 01 50 52-0486	EA	20 Watt, 3 x 21", 5000L CCT, LED Retrofit Kit (Optilumen RKT3209M-50) Note: Fits 2' x 2' Troffer/Strip	137.72	
26 01 50 52-0487	EA	30 Watt, 3 x 21", 3500L CCT, LED Retrofit Kit (Optilumen RKT3210M-35) Note: Fits 2' x 2' Troffer/Strip	144.39	
26 01 50 52-0488	EA	30 Watt, 3 x 21", 4000L CCT, LED Retrofit Kit (Optilumen RKT3210M-40) Note: Fits 2' x 2' Troffer/Strip	144.39	
26 01 50 52-0489	EA	30 Watt, 3 x 21", 5000L CCT, LED Retrofit Kit (Optilumen RKT3210M-50) Note: Fits 2' x 2' Troffer/Strip	144.39	

26 01 50 52-0490 LED Lighting Retrofits For Existing Lay-In/Troffer Fixtures (LG) *(26 01 50 52-0419)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0491	EA	34 Watt, 3,500K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-35-4400-R(W)-SN)	317.83	
26 01 50 52-0492	EA	34 Watt, 4,000K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-40-4500-R(W)-SN)	317.83	
26 01 50 52-0493	EA	26 Watt, 3,500K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-35-3400-R(W)-SN)	285.61	
26 01 50 52-0494	EA	26 Watt, 4,000K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-40-3400-R(W)-SN)	285.61	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0495	EA	25 Watt, 3250lm, 3500K Layin Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-35-3200-RV) Note: No sensor, ZigBee ready driver	136.07	
26 01 50 52-0496	EA	25 Watt, 3250lm, 4000K Layin Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-40-3200-RV) Note: No sensor, ZigBee ready driver	136.07	
26 01 50 52-0497	EA	31 Watt, 4050lm, 3500K Layin Retrofit 2' x 4'Troffer (LG LGE-2X2SI-31-35-3200-RV) Note: No sensor, ZigBee ready driver	157.18	
26 01 50 52-0498	EA	31 Watt, 4050lm, 4000K Layin Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-40-3200-RV) Note: No sensor, ZigBee ready driver	157.18	
26 01 50 52-0499	EA	25 Watt, 3250lm, 3500K Layin Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	172.74	
26 01 50 52-0500	EA	25 Watt, 3250lm, 4000K Layin Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	172.74	
26 01 50 52-0501	EA	31 Watt, 3250lm, 3500K Layin Retrofit 2' x 4'Troffer With Sensor Connect (LG LGE-2X2SC-31-35-3200-RV) Note: Factory installed sensor and ZigBee dongle	178.29	
26 01 50 52-0502	EA	31 Watt, 3250lm, 4000K Layin Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-40-3200-RV) Note: Factory installed sensor and ZigBee dongle	178.29	
26 01 50 52-0503	EA	2' x 2' 2-Board, 25 Watt, 3120lm, 3500k Retrofit Board Kits (LG LGE-2BDK-25-35-3120) Note: No sensor, ZigBee ready driver	103.84	
26 01 50 52-0504	EA	2' x 2' 2-Board, 25 Watt, 3120lm, 4000k Retrofit Board Kits (LG LGE-2BDK-25-40-3120) Note: No sensor, ZigBee ready driver	103.84	
26 01 50 52-0505	EA	2' x 4' 4-Board, 31 Watt, 3120lm, 3500k Retrofit Board Kits (LG LGE-4BDK-31-35-3880) Note: No sensor, ZigBee ready driver	117.18	
26 01 50 52-0506	EA	2' x 4' 4-Board, 31 Watt, 3120lm, 4000k Retrofit Board Kits (LG LGE-4BDK-31-40-3880) Note: No sensor, ZigBee ready driver	117.18	
26 01 50 52-0507	EA	2' x 2' 2-Board, 25 Watt, 3120lm, 3500k With Lens Retrofit Board Kits (LG LGE-2BDK-25-35-3120-L) Note: No sensor, ZigBee ready driver	107.18	
26 01 50 52-0508	EA	2' x 2' 2-Board, 25 Watt, 3120lm, 4000k With Lens Retrofit Board Kits (LG LGE-2BDK-25-40-3120-L) Note: No sensor, ZigBee ready driver	107.18	
26 01 50 52-0509	EA	2' x 4' 4-Board, 31 Watt, 3120lm, 3500k With Lens Retrofit Board Kits (LG LGE-4BDK-31-35-3880-L) Note: No sensor, ZigBee ready driver	120.51	
26 01 50 52-0510	EA	2' x 4' 4-Board, 31 Watt, 3120lm, 4000k With Lens Retrofit Board Kits (LG LGE-4BDK-31-40-3880-L) Note: No sensor, ZigBee ready driver	120.51	
26 01 50 52-0511	EA	6" 16 Watt, 1450lm, 3500k Comm Retrofit Downlight (LG LGE-CRDL-16-35-1450) Note: No sensor, ZigBee ready driver	106.07	
26 01 50 52-0512	EA	6" 16 Watt, 1450lm, 4000k Comm Retrofit Downlight (LG LGE-CRDL-16-40-1450) Note: No sensor, ZigBee ready driver	106.07	
26 01 50 52-0513	EA	8" 22 Watt, 2000lm, 3500k Comm Retrofit Downlight (LG LGE-CRDL-22-35-2000) Note: No sensor, ZigBee ready driver	116.07	
26 01 50 52-0514	EA	8" 22 Watt, 2000lm, 4000k Comm Retrofit Downlight (LG LGE-CRDL-22-40-2000) Note: No sensor, ZigBee ready driver	116.07	

26 01 50 52-0515 LED Lighting Retrofit Accessories (LG) *(26 01 50 52-0419)*

See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0516	EA	Dongle (LG LGE-DONGLE)	15.67	
26 01 50 52-0517	EA	1-group On/Off/Dim, 2-Button, Wireless Switch (LG LGE-SWITCH-BAT-2B)	85.03	11.39
26 01 50 52-0518	EA	2-group On/Off/Dim, 4-Button, Wireless Switch (LG LGE-SWITCH-BAT-4B)	89.59	13.68
26 01 50 52-0519	EA	1-group On/Off/Dim, 2-Button, AC Powered Switch (LG LGE-SWITCH-AC-2B)	107.25	11.39
26 01 50 52-0520	EA	2-group On/Off/Dim, 4-Button, AC Powered Switch (LG LGE-SWITCH-AC-4B)	111.81	13.68
26 01 50 52-0521	EA	Photo, Motion Sensor With ZigBee Dongle plugin (LG LGE-MULTI-SENSOR)	57.13	9.12
26 01 50 52-0522	EA	Tube Clip For Multi Sensor (LG LGE-TUBE-CLIP)	22.82	9.12
26 01 50 52-0523	EA	Ceiling Plate For Multi Sensor (LG LGE-CEILING-PLATE)	24.12	9.12
26 01 50 52-0524	EA	Wireless Interface Module (LG PIHN-W005A) Note: includes dongle	56.81	13.68

26 01 50 52-0525 Retrofit Existing (T12) Fluorescent Fixtures *(26 01 50 52-0418)*

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal, 26 01 50 51-0376 for hazardous lamp recycling.

26 01 50 52-0526 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector *(26 01 50 52-0525)*

Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 52-0527	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp	71.77
		For Specular Ballast Cover, Add	*7.36*
26 01 50 52-0528	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	75.97
		For Specular Ballast Cover, Add	*8.20*
26 01 50 52-0529	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	99.56
		For Specular Ballast Cover, Add	*12.92*
26 01 50 52-0530	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps	113.35
		For Specular Ballast Cover, Add	*15.68*

26 01 50 52-0531 Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector *(26 01 50 52-0525)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 52-0532	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp	75.24
		For Specular Reflector, Add	*8.06*
26 01 50 52-0533	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	79.86
		For Specular Reflector, Add	*8.98*
26 01 50 52-0534	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	104.42
		For Specular Reflector, Add	*13.89*
26 01 50 52-0535	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps	130.53
		For Specular Reflector, Add	*19.11*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0536		Retrofit Existing (T12) Troffer Style Fluorescent Fixtures *(26 01 50 52-0525)* Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 52-0537	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps	94.25	
		For Specular Reflector, Add	*9.86*	
26 01 50 52-0538	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	98.45	
		For Specular Reflector, Add	*10.70*	
26 01 50 52-0539	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps	99.33	
		For Specular Reflector, Add	*10.88*	
26 01 50 52-0540	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps	109.46	
		For Specular Reflector, Add	*12.90*	
26 01 50 52-0541	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps	129.79	
		For Specular Reflector, Add	*16.97*	
26 01 50 52-0542	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	102.61	
		For Specular Reflector, Add	*11.53*	
26 01 50 52-0543	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps	111.61	
		For Specular Reflector, Add	*13.33*	
26 01 50 52-0544	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps	119.18	
		For Specular Reflector, Add	*14.85*	
26 01 50 52-0545		Retrofit Existing Recessed Lay-In/Troffer Fixtures *(26 01 50 52-0418)*		
26 01 50 52-0546		Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) *(26 01 50 52-0545)* Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.		
26 01 50 52-0547	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	188.70	
26 01 50 52-0548	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	188.70	
26 01 50 52-0549	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	188.70	
26 01 50 52-0550	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	207.94	
26 01 50 52-0551	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	188.70	
26 01 50 52-0552	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	188.70	
26 01 50 52-0553	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	188.70	
26 01 50 52-0554	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	207.94	
26 01 50 52-0555	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	189.22	
26 01 50 52-0556	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	189.22	
26 01 50 52-0557	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	189.22	
26 01 50 52-0558	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	208.47	
26 01 50 52-0559	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	189.22	
26 01 50 52-0560	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	189.22	
26 01 50 52-0561	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	189.22	
26 01 50 52-0562	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	208.47	
26 01 50 52-0563		LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) *(26 01 50 52-0545)* Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.		
26 01 50 52-0564	EA	2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025)	280.62	
26 01 50 52-0565	EA	4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045)	293.72	
26 01 50 52-0566		LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) *(26 01 50 52-0545)* Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.		
26 01 50 52-0567	EA	1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L)	214.26	
26 01 50 52-0568	EA	2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L)	219.10	
26 01 50 52-0569	EA	2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L)	214.26	
26 01 50 52-0570	EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L)	219.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0571	EA	3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L)	243.29	
26 01 50 52-0572	EA	4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L)	250.55	
26 01 50 52-0573	EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L)	267.48	

26 01 50 52-0574 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) *(26 01 50 52-0545)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0575	EA	3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST)	199.46	
26 01 50 52-0576	EA	3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST)	206.21	
26 01 50 52-0577	EA	3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST)	208.23	
26 01 50 52-0578	EA	3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST)	214.98	
26 01 50 52-0579	EA	2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDSX84022MST)	153.92	
26 01 50 52-0580	EA	4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDSX84022MST)	157.12	
26 01 50 52-0581	EA	3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDSX84024MST)	162.25	
26 01 50 52-0582	EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDSX84024MST)	165.45	
26 01 50 52-0583	EA	6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDSX84024MST)	201.35	
26 01 50 52-0584	EA	8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDSX84024MST)	237.24	

26 01 50 52-0585 Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) *(26 01 50 52-0545)*

Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0586	EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	180.59	
26 01 50 52-0587	EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	137.22	
26 01 50 52-0588	EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	184.88	
26 01 50 52-0589	EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	141.44	
26 01 50 52-0590	EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	192.80	
26 01 50 52-0591	EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	152.79	
26 01 50 52-0592	EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	210.82	
26 01 50 52-0593	EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	167.33	
26 01 50 52-0594	EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	214.85	
26 01 50 52-0595	EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	171.36	
26 01 50 52-0596	EA	3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	222.70	
26 01 50 52-0597	EA	3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	182.68	

26 01 50 52-0598 LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) *(26 01 50 52-0545)*

Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.

26 01 50 52-0599	EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)	384.05	
26 01 50 52-0600	EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT)	425.26	

26 01 50 52-0601 Retrofit Existing HID Fixtures *(26 01 50 52-0418)*

26 01 50 52-0602	EA	Tear Drop LED Retrofit Kit (Holophane LTDRL2 P35S 40K AS BK TDRD 3 P)	865.70	

26 01 50 53 Lens and Accessory Replacement *(26 01 50)*

26 01 50 53-0001	EA	Parabolic Aluminum Louver Replacement	106.35	
26 01 50 53-0002	EA	Visor For Fixtures	199.54	
26 01 50 53-0003	EA	Replace Globe On Pole	255.40	
26 01 50 53-0004	EA	Replace Lenses For Flat Top Pole Fixtures	93.06	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 53-0005	EA	Replace 1' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick	29.73	
26 01 50 53-0006	EA	Replace 2' x 2' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick	31.29	
26 01 50 53-0007	EA	Replace 2' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick	38.09	
26 01 50 53-0008	EA	Replace Slide-On Lampholder	12.45	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.00*	
26 01 50 53-0009	EA	Replace Screw Mount Lampholder	12.69	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.00*	
26 01 50 53-0010	EA	Replace Medium Bi-Pin Lampholder	14.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.00*	
26 01 50 53-0011	EA	Replace Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type	17.95	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.00*	
26 01 50 53-0012	EA	Replace Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type	20.03	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.00*	
26 01 50 53-0013	EA	Replace Compact Twin-Tube Lampholder, Snap-in	14.45	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.00*	
26 01 50 53-0014	EA	Replace Exterior Light Globes	51.95	

26 05 Common Work Results For Electrical *(26)*

26 05 13 Medium-Voltage Cables *(26 05)*

26 05 13 16 Medium-Voltage, Single-And Multi-Conductor Cables *(26 05 13)*

26 05 13 16-0001 Wire And Cable *(26 05 13 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 13 16-0002 Wire Connections *(26 05 13 16-0001)*

26 05 13 16-0003 Medium Voltage Up To 5 KV *(26 05 13 16-0002)*

26 05 13 16-0004 Shielded One Conductor Cable Splice *(26 05 13 16-0003)*

26 05 13 16-0005	EA	#6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	254.39	99.76
26 05 13 16-0006	EA	#2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	303.44	99.76
26 05 13 16-0007	EA	1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	303.44	99.76
26 05 13 16-0008	EA	2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	333.12	119.70
26 05 13 16-0009	EA	3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	333.12	119.70
26 05 13 16-0010	EA	4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	333.12	119.70
26 05 13 16-0011	EA	250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	372.71	139.65
26 05 13 16-0012	EA	350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	372.71	139.65
26 05 13 16-0013	EA	500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	372.71	139.65

26 05 13 16-0014 Cable Termination Without Stress Cone *(26 05 13 16-0003)*

26 05 13 16-0015	EA	#6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV	241.64	119.70
26 05 13 16-0016	EA	250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	285.45	139.65

26 05 13 16-0017 Cable Termination With Stress Cone *(26 05 13 16-0003)*

26 05 13 16-0018	EA	#6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV	896.54	239.41
26 05 13 16-0019	EA	250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV	1,238.73	329.18

26 05 13 16-0020 Connect To Pothead, Pothead Included *(26 05 13 16-0003)*

26 05 13 16-0021	EA	#6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV	926.17	239.41
26 05 13 16-0022	EA	250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV	1,157.54	274.32

26 05 13 16-0023 Two Conductor Pothead *(26 05 13 16-0003)*

Note: Includes 5 KV pothead.

26 05 13 16-0024	EA	#6 To 4/0 AWG 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	843.48	329.18
26 05 13 16-0025	EA	250 To 350 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	1,098.97	418.96
26 05 13 16-0026	EA	400 To 700 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	1,511.45	475.01
26 05 13 16-0027	EA	750 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	2,231.21	554.22
26 05 13 16-0028	EA	1,000 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	3,908.24	831.24

26 05 13 16-0029 Three Conductor Pothead *(26 05 13 16-0003)*

Note: Includes 5 KV pothead.

26 05 13 16-0030	EA	#6 To 4/0 3/c 5 KV Pothead (Included) Medium Voltage To 5 KV	2,513.63	478.81
26 05 13 16-0031	EA	250 To 500 MCM 3/c 5 KV Pothead (Included) Medium Voltage To 5 KV	2,787.78	558.61

26 05 13 16-0032 Copper Cable Splice, Crimp Compression Connection *(26 05 13 16-0003)*

Note: For bare wire.

26 05 13 16-0033	EA	#6 AWG Crimp Compression Connection For Bare Copper Wire	62.39	
26 05 13 16-0034	EA	#4 AWG Crimp Compression Connection For Bare Copper Wire	68.53	
26 05 13 16-0035	EA	#3 AWG Crimp Compression Connection For Bare Copper Wire	79.92	
26 05 13 16-0036	EA	#2 AWG Crimp Compression Connection For Bare Copper Wire	90.90	
26 05 13 16-0037	EA	#1 AWG Crimp Compression Connection For Bare Copper Wire	102.46	
26 05 13 16-0038	EA	1/0 AWG Crimp Compression Connection For Bare Copper Wire	113.79	
26 05 13 16-0039	EA	2/0 AWG Crimp Compression Connection For Bare Copper Wire	125.03	
26 05 13 16-0040	EA	3/0 AWG Crimp Compression Connection For Bare Copper Wire	136.66	
26 05 13 16-0041	EA	4/0 AWG Crimp Compression Connection For Bare Copper Wire	148.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0042	EA	250 MCM Crimp Compression Connection For Bare Copper Wire	159.62	
26 05 13 16-0043	EA	300 MCM Crimp Compression Connection For Bare Copper Wire	171.42	
26 05 13 16-0044	EA	350 MCM Crimp Compression Connection For Bare Copper Wire	182.67	
26 05 13 16-0045	EA	400 MCM Crimp Compression Connection For Bare Copper Wire	206.13	
26 05 13 16-0046	EA	500 MCM Crimp Compression Connection For Bare Copper Wire	230.14	
26 05 13 16-0047		Aluminum Cable Splice, Crimp Compression Connection *(26 05 13 16-0003)*		
		Note: For bare wire.		
26 05 13 16-0048	EA	#6 AWG Crimp Compression Connection For Bare Aluminum Wire	63.44	
26 05 13 16-0049	EA	#4 AWG Crimp Compression Connection For Bare Aluminum Wire	69.11	
26 05 13 16-0050	EA	#2 AWG Crimp Compression Connection For Bare Aluminum Wire	92.83	
26 05 13 16-0051	EA	#1 AWG Crimp Compression Connection For Bare Aluminum Wire	107.36	
26 05 13 16-0052	EA	1/0 AWG Crimp Compression Connection For Bare Aluminum Wire	118.42	
26 05 13 16-0053	EA	2/0 AWG Crimp Compression Connection For Bare Aluminum Wire	129.45	
26 05 13 16-0054	EA	3/0 AWG Crimp Compression Connection For Bare Aluminum Wire	141.79	
26 05 13 16-0055	EA	4/0 AWG Crimp Compression Connection For Bare Aluminum Wire	153.47	
26 05 13 16-0056	EA	250 MCM Crimp Compression Connection For Bare Aluminum Wire	164.92	
26 05 13 16-0057	EA	300 MCM Crimp Compression Connection For Bare Aluminum Wire	176.60	
26 05 13 16-0058	EA	350 MCM Crimp Compression Connection For Bare Aluminum Wire	188.11	
26 05 13 16-0059	EA	400 MCM Crimp Compression Connection For Bare Aluminum Wire	213.92	
26 05 13 16-0060	EA	500 MCM Crimp Compression Connection For Bare Aluminum Wire	239.85	
26 05 13 16-0061		15 KV *(26 05 13 16-0002)*		
26 05 13 16-0062		Single Conductor Pothead On Racks *(26 05 13 16-0061)*		
		Note: Includes pothead.		
26 05 13 16-0063	EA	#2 To 4/0 AWG 1/c 15 KV Pothead (Included), On Racks	1,037.08	418.96
26 05 13 16-0064	EA	250 To 500 MCM 1/c 15 KV Pothead (Included), On Racks	1,311.89	518.70
26 05 13 16-0065		Two Conductor Pothead On Rack *(26 05 13 16-0061)*		
		Note: Includes pothead.		
26 05 13 16-0066	EA	#2 To 4/0 AWG 2/c 15 KV Pothead (Included), On Racks	1,556.45	638.41
26 05 13 16-0067	EA	250 To 500 MCM 2/c 15 KV Pothead (Included), On Racks	1,857.75	758.11
26 05 13 16-0068		Three Conductor Pothead On Rack *(26 05 13 16-0061)*		
		Note: Includes pothead.		
26 05 13 16-0069	EA	#2 To 4/0 AWG 3/c 15 KV Pothead (Included), On Racks	2,002.89	827.94
26 05 13 16-0070	EA	250 To 500 MCM 3/c 15 KV Pothead (Included), On Racks	2,498.84	1,037.42
26 05 13 16-0071		Stress Relief Cone On Rack *(26 05 13 16-0061)*		
26 05 13 16-0072	EA	#2 To 4/0 AWG Stress Relief Cone, On Rack	1,001.29	418.96
26 05 13 16-0073	EA	250 To 500 MCM Stress Relief Cone, On Rack	1,271.64	518.70
26 05 13 16-0074		Grounded, Shielded Cable Splice *(26 05 13 16-0061)*		
26 05 13 16-0075	EA	#2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV	714.08	309.24
26 05 13 16-0076	EA	250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV	917.87	399.00
26 05 13 16-0077	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way	3,547.40	1,097.27
26 05 13 16-0078	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way	4,332.23	1,197.02
26 05 13 16-0079		Cable Termination *(26 05 13 16-0061)*		
26 05 13 16-0080	EA	#2 To 3/0 AWG Cable Termination 15 KV	441.52	174.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.74*	
26 05 13 16-0081	EA	4/0 To 250 MCM Cable Termination 15 KV	561.92	224.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*134.66*	
26 05 13 16-0082	EA	350 To 500 MCM Cable Termination 15 KV	692.49	274.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.59*	
26 05 13 16-0083	EA	#2 To 3/0 AWG Cable Elbow Termination 15 KV	269.19	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 05 13 16-0084		Stress Cones, 5-15 KV, 4 Skirted *(26 05 13 16-0061)*		
26 05 13 16-0085	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted	465.75	129.68
26 05 13 16-0086	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted	525.63	143.33
26 05 13 16-0087	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted	610.16	156.85
26 05 13 16-0088	EA	400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted	762.65	180.71
26 05 13 16-0089		Stress Cones, 5-15 KV, 6 Skirted *(26 05 13 16-0061)*		
26 05 13 16-0090	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted	931.51	259.79
26 05 13 16-0091	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted	1,051.35	286.64
26 05 13 16-0092	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted	1,208.70	307.87
26 05 13 16-0093	EA	400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted	1,525.28	361.42
26 05 13 16-0094		35 KV *(26 05 13 16-0002)*		
26 05 13 16-0095		35 KV One Conductor Splice *(26 05 13 16-0094)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0096	EA	Cable Splicing, #1 Stranded To 4/0 Stranded, 35 KV	1,776.16	
26 05 13 16-0097		**Cable Termination** *(26 05 13 16-0094)*		
26 05 13 16-0098	EA	#2 To 3/0 AWG Cable Termination 35 KV	351.06	119.80
26 05 13 16-0099	EA	3/0 AWG To 250 MCM Cable Termination 35 KV	497.84	180.75
26 05 13 16-0100	EA	350 To 500 MCM Cable Termination 35 KV	560.25	193.32
26 05 13 16-0101	EA	#2 To 3/0 AWG Cable Elbow Termination 35 KV	283.60	99.76
26 05 13 16-0102		**70 KV** *(26 05 13 16-0002)*		
26 05 13 16-0103		**Cable Splice** *(26 05 13 16-0102)*		
26 05 13 16-0104	EA	Cable Splicing, 350 MCM 70 KV	6,214.79	
26 05 13 16-0105	EA	Cable Splicing, #2 To 4/0 70 KV	1,812.37	
26 05 13 16-0106		**5 KV Cable** *(26 05 13 16-0001)*		
26 05 13 16-0107		**Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct** *(26 05 13 16-0106)*		
26 05 13 16-0108	MLF	#6 AWG Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	2,836.64	770.43
26 05 13 16-0109	MLF	#4 AWG Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	3,334.16	841.24
26 05 13 16-0110	MLF	#2 AWG Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	3,961.45	950.47
26 05 13 16-0111	MLF	#1/0 AWG Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	5,119.83	1,171.02
26 05 13 16-0112	MLF	#2/0 AWG Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	5,826.35	1,318.68
26 05 13 16-0113	MLF	#3/0 AWG Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	7,099.67	1,463.69
26 05 13 16-0114	MLF	#4/0 AWG Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	7,990.43	1,644.61
26 05 13 16-0115	MLF	250 MCM Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	9,444.60	1,829.70
26 05 13 16-0116	MLF	350 MCM Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	11,026.94	2,184.62
26 05 13 16-0117	MLF	500 MCM Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	13,840.21	2,567.97
26 05 13 16-0118	MLF	750 MCM Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	20,355.68	3,026.63
26 05 13 16-0119	MLF	1,000 MCM Cable, XLP, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	26,875.99	3,485.07
26 05 13 16-0120		**Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial** *(26 05 13 16-0106)* Note: Excludes excavation.		
26 05 13 16-0121	MLF	#6 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,740.35	
26 05 13 16-0122	MLF	#4 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,060.77	
26 05 13 16-0123	MLF	#2 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,414.93	
26 05 13 16-0124	MLF	#1/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,202.99	
26 05 13 16-0125	MLF	#2/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,540.28	
26 05 13 16-0126	MLF	#3/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	5,631.55	
26 05 13 16-0127	MLF	#4/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	6,070.03	
26 05 13 16-0128	MLF	250 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	7,246.64	
26 05 13 16-0129	MLF	350 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	8,037.77	
26 05 13 16-0130	MLF	500 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	9,979.31	
26 05 13 16-0131		**Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial)** *(26 05 13 16-0106)*		
26 05 13 16-0132	MLF	#6 AWG Cable, XLP, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	2,187.93	485.58
26 05 13 16-0133	MLF	#4 AWG Cable, XLP, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	2,600.81	520.64
26 05 13 16-0134	MLF	#2 AWG Cable, XLP, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	3,317.12	658.40
26 05 13 16-0135	MLF	#1/0 AWG Cable, XLP, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	4,294.84	799.28
26 05 13 16-0136	MLF	#2/0 AWG Cable, XLP, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	4,997.77	938.29
26 05 13 16-0137	MLF	#3/0 AWG Cable, XLP, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	6,262.98	1,073.03
26 05 13 16-0138	MLF	#4/0 AWG Cable, XLP, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	7,153.81	1,245.01
26 05 13 16-0139	MLF	250 MCM Cable, XLP, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	8,990.60	1,566.30
26 05 13 16-0140	MLF	350 MCM Cable, XLP, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	10,778.51	1,981.87
26 05 13 16-0141	MLF	500 MCM Cable, XLP, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	13,970.33	2,490.03
26 05 13 16-0142		**5 KV Non-Shielded Single Copper Conductor** *(26 05 13 16-0106)*		
26 05 13 16-0143	MLF	#1/0 AWG Cable, 5 KV, Non-Shielded, Single Copper Conductor	6,114.56	1,535.38
26 05 13 16-0144	MLF	#3/0 AWG Cable, 5 KV, Non-Shielded, Single Copper Conductor	7,818.29	1,579.51
26 05 13 16-0145	MLF	#4/0 AWG Cable, 5 KV, Non-Shielded, Single Copper Conductor	8,133.02	1,614.42
26 05 13 16-0146	MLF	350 MCM Cable, 5 KV, Non-Shielded, Single Copper Conductor	9,636.70	1,676.00
26 05 13 16-0147	MLF	500 MCM Cable, 5 KV, Non-Shielded, Single Copper Conductor	13,495.62	1,756.47
26 05 13 16-0148	MLF	750 MCM Cable, 5 KV, Non-Shielded, Single Copper Conductor	20,663.02	2,195.60
26 05 13 16-0149	MLF	1,000 MCM Cable, 5 KV, Non-Shielded, Single Copper Conductor	24,010.08	2,927.50
26 05 13 16-0150		**Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct** *(26 05 13 16-0106)*		
26 05 13 16-0151	MLF	#6 AWG Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	3,000.56	770.43
26 05 13 16-0152	MLF	#4 AWG Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	3,555.76	841.24
26 05 13 16-0153	MLF	#2 AWG Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	4,246.79	950.47
26 05 13 16-0154	MLF	#1 AWG Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	4,880.48	1,060.70
26 05 13 16-0155	MLF	#1/0 AWG Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	5,514.46	1,171.02
26 05 13 16-0156	MLF	#2/0 AWG Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	6,281.69	1,318.68
26 05 13 16-0157	MLF	#3/0 AWG Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	7,718.93	1,463.69
26 05 13 16-0158	MLF	#4/0 AWG Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	8,688.61	1,644.61

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0159	MLF	250 MCM Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	10,321.28	1,829.70
26 05 13 16-0160	MLF	350 MCM Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	12,028.68	2,184.62
26 05 13 16-0161	MLF	500 MCM Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	15,175.87	2,567.97
26 05 13 16-0162	MLF	750 MCM Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	22,658.21	3,026.63
26 05 13 16-0163	MLF	1,000 MCM Cable, EPR, 5 KV, Installed In Duct, Shielded, Single Copper Conductor	30,145.39	3,485.07

26 05 13 16-0164 Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial *(26 05 13 16-0106)*

Note: Excludes excavation.

26 05 13 16-0165	MLF	#6 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,904.27	
26 05 13 16-0166	MLF	#4 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,282.37	
26 05 13 16-0167	MLF	#2 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,700.28	
26 05 13 16-0168	MLF	#1 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,149.37	
26 05 13 16-0169	MLF	#1/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,597.62	
26 05 13 16-0170	MLF	#2/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,995.62	
26 05 13 16-0171	MLF	#3/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	6,250.81	
26 05 13 16-0172	MLF	#4/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	6,768.21	
26 05 13 16-0173	MLF	250 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	8,123.32	
26 05 13 16-0174	MLF	350 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	9,039.51	
26 05 13 16-0175	MLF	500 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	11,314.97	

26 05 13 16-0176 Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) *(26 05 13 16-0106)*

26 05 13 16-0177	MLF	#6 AWG Cable, EPR, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	2,351.85	485.58
26 05 13 16-0178	MLF	#4 AWG Cable, EPR, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	2,822.41	520.64
26 05 13 16-0179	MLF	#2 AWG Cable, EPR, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	3,602.46	658.40
26 05 13 16-0180	MLF	#1 AWG Cable, EPR, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	4,144.66	728.32
26 05 13 16-0181	MLF	#1/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	4,689.47	799.28
26 05 13 16-0182	MLF	#2/0 AWG Cable, EPR, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	5,453.11	938.29
26 05 13 16-0183	MLF	#3/0 AWG Cable, EPR, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	6,882.24	1,073.03
26 05 13 16-0184	MLF	#4/0 AWG Cable, EPR, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	7,851.99	1,245.01
26 05 13 16-0185	MLF	250 MCM Cable, EPR, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	9,867.28	1,566.30
26 05 13 16-0186	MLF	350 MCM Cable, EPR, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	11,780.25	1,981.87
26 05 13 16-0187	MLF	500 MCM Cable, EPR, 5 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation	15,305.99	2,490.03

26 05 13 16-0188 15 KV Cable *(26 05 13 16-0001)*

26 05 13 16-0189 Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0188)*

26 05 13 16-0190 Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0189)*

26 05 13 16-0191	MLF	#4 AWG, XLP, 15 KV, Installled In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	5,907.78	1,535.38
26 05 13 16-0192	MLF	#2 AWG, XLP, 15 KV, Installled In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	6,328.74	1,535.38
26 05 13 16-0193	MLF	#1 AWG, XLP, 15 KV, Installled In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	6,489.31	1,535.38
26 05 13 16-0194	MLF	#1/0 AWG, XLP, 15 KV, Installled In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	7,012.39	1,535.38
26 05 13 16-0195	MLF	#2/0 AWG, XLP, 15 KV, Installled In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	7,508.87	1,535.38
26 05 13 16-0196	MLF	#3/0 AWG, XLP, 15 KV, Installled In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	8,510.35	1,602.68
26 05 13 16-0197	MLF	#4/0 AWG, XLP, 15 KV, Installled In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	8,705.40	1,602.68
26 05 13 16-0198	MLF	250 MCM, XLP, 15 KV, Installled In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	9,952.78	1,676.00
26 05 13 16-0199	MLF	350 MCM, XLP, 15 KV, Installled In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	11,194.67	1,715.31
26 05 13 16-0200	MLF	500 MCM, XLP, 15 KV, Installled In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	13,713.77	1,932.13

26 05 13 16-0201 Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0189)*

Note: Excludes excavation.

26 05 13 16-0202	MLF	#1 AWG, XLP, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	4,837.71	
26 05 13 16-0203	MLF	#1/0 AWG, XLP, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	5,360.78	
26 05 13 16-0204	MLF	#2/0 AWG, XLP, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	5,857.26	
26 05 13 16-0205	MLF	#3/0 AWG, XLP, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	6,879.98	
26 05 13 16-0206	MLF	#4/0 AWG, XLP, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	7,075.02	
26 05 13 16-0207	MLF	250 MCM, XLP, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	8,413.48	
26 05 13 16-0208	MLF	350 MCM, XLP, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	9,657.77	
26 05 13 16-0209	MLF	500 MCM, XLP, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	11,957.30	

26 05 13 16-0210 Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0189)*

26 05 13 16-0211	MLF	#1 AWG, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	4,475.50	693.68
26 05 13 16-0212	MLF	#1/0 AWG, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	5,276.40	799.28
26 05 13 16-0213	MLF	#2/0 AWG, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	6,138.52	938.29
26 05 13 16-0214	MLF	#3/0 AWG, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	7,326.43	1,073.03
26 05 13 16-0215	MLF	#4/0 AWG, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	7,973.82	1,245.01
26 05 13 16-0216	MLF	250 MCM, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	9,575.41	1,449.36
26 05 13 16-0217	MLF	350 MCM, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	11,349.00	1,688.88
26 05 13 16-0218	MLF	500 MCM, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	14,044.07	1,961.78

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0219		Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0188)*		
26 05 13 16-0220		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0219)*		
26 05 13 16-0221	MLF	#4 AWG, EPR, 15 KV, Installed In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	6,280.26	1,535.38
26 05 13 16-0222	MLF	#2 AWG, EPR, 15 KV, Installed In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	6,776.99	1,535.38
26 05 13 16-0223	MLF	#1 AWG, EPR, 15 KV, Installed In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	6,966.47	1,535.38
26 05 13 16-0224	MLF	#1/0 AWG, EPR, 15 KV, Installed In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	7,583.70	1,535.38
26 05 13 16-0225	MLF	#2/0 AWG, EPR, 15 KV, Installed In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	8,169.55	1,535.38
26 05 13 16-0226	MLF	#3/0 AWG, EPR, 15 KV, Installed In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	9,321.03	1,602.68
26 05 13 16-0227	MLF	#4/0 AWG, EPR, 15 KV, Installed In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	9,551.19	1,602.68
26 05 13 16-0228	MLF	250 MCM, EPR, 15 KV, Installed In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	10,990.07	1,676.00
26 05 13 16-0229	MLF	350 MCM, EPR, 15 KV, Installed In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	12,437.83	1,715.31
26 05 13 16-0230	MLF	500 MCM, EPR, 15 KV, Installed In Duct, Shielded, Single Copper Conductor, 133% Insulation Cable	15,312.79	1,932.13
26 05 13 16-0231		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0219)* Note: Excludes excavation.		
26 05 13 16-0232	MLF	#1 AWG, EPR, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	5,314.86	
26 05 13 16-0233	MLF	#1/0 AWG, EPR, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	5,932.09	
26 05 13 16-0234	MLF	#2/0 AWG, EPR, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	6,517.93	
26 05 13 16-0235	MLF	#3/0 AWG, EPR, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	7,690.66	
26 05 13 16-0236	MLF	#4/0 AWG, EPR, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	7,920.81	
26 05 13 16-0237	MLF	250 MCM, EPR, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	9,447.76	
26 05 13 16-0238	MLF	350 MCM, EPR, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	10,894.04	
26 05 13 16-0239	MLF	500 MCM, EPR, 15 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation Cable	13,556.32	
26 05 13 16-0240		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0219)*		
26 05 13 16-0241	MLF	#1 AWG, EPR, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	4,952.65	693.68
26 05 13 16-0242	MLF	#1/0 AWG, EPR, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	5,847.71	799.28
26 05 13 16-0243	MLF	#2/0 AWG, EPR, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	6,799.19	938.29
26 05 13 16-0244	MLF	#3/0 AWG, EPR, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	8,137.11	1,073.03
26 05 13 16-0245	MLF	#4/0 AWG, EPR, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	8,819.61	1,245.01
26 05 13 16-0246	MLF	250 MCM, EPR, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	10,612.70	1,449.36
26 05 13 16-0247	MLF	350 MCM, EPR, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	12,592.15	1,688.88
26 05 13 16-0248	MLF	500 MCM, EPR, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	15,643.09	1,961.78
26 05 13 16-0249		15 KV Non-Shielded Single Copper Conductor *(26 05 13 16-0188)*		
26 05 13 16-0250	MLF	#1/0 AWG Cable, 15 KV, Non-Shielded, Single Copper Conductor	8,159.54	1,540.76
26 05 13 16-0251	MLF	#3/0 AWG Cable, 15 KV, Non-Shielded, Single Copper Conductor	10,417.70	1,614.42
26 05 13 16-0252	MLF	350 MCM Cable, 15 KV, Non-Shielded, Single Copper Conductor	14,080.21	1,722.01
26 05 13 16-0253		Shielded, Armored Copper, 15 KV, 3 Conductor Cable *(26 05 13 16-0188)* Note: Laid in cable tray or hung in vertical cable shaft.		
26 05 13 16-0254		Galvanized Steel Interlocked Armor Cable *(26 05 13 16-0253)*		
26 05 13 16-0255	LF	#2 AWG TC 3 Conductor 15 KV Galvanized Armored Shielded, Laid In Cable Tray Or Hung Vertically	40.87	11.74
26 05 13 16-0256	LF	#1/0 AWG TC 3 Conductor 15 KV Galvanized Armored Shielded, Laid In Cable Tray Or Hung Vertically	48.14	12.51
26 05 13 16-0257		Aluminum Interlocked Armor Cable *(26 05 13 16-0253)*		
26 05 13 16-0258	LF	#2 AWG TC 3 Conductor 15 KV Aluminum Armored Shielded, Laid In Cable Tray Or Hung Vertically	40.87	11.74
26 05 13 16-0259	LF	#1/0 AWG TC 3 Conductor 15 KV Aluminum Armored Shielded, Laid In Cable Tray Or Hung Vertically	48.14	12.51
26 05 13 16-0260		Type URD, 15 KV Primary Concentric UD Cable *(26 05 13 16-0188)* Note: 0.175" XLPE insulation, copper conductor.		
26 05 13 16-0261	MLF	#4 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	2,929.63	770.43
26 05 13 16-0262	MLF	#2 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	3,459.87	841.24
26 05 13 16-0263	MLF	#1 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	4,123.32	950.47
26 05 13 16-0264	MLF	#1/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	5,335.92	1,167.84
26 05 13 16-0265	MLF	#2/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	6,074.78	1,314.72
26 05 13 16-0266	MLF	#3/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	7,450.96	1,463.69
26 05 13 16-0267	MLF	#4/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	8,371.14	1,638.46
26 05 13 16-0268		15 KV, URD Copper Cable, Direct Burial *(26 05 13 16-0188)*		
26 05 13 16-0269	MLF	#6 AWG Cable, 3 Conductor, 15 KV, URD Copper Cable, Direct Burial	12,940.56	

26 05 19 Low-Voltage Electrical Power Conductors And Cables *(26 05)*

26 05 19 13 Undercarpet Electrical Power Cables *(26 05 19)*

26 05 19 13-0001		Under Carpet Power System *(26 05 19 13)* Note: Includes laying out, floor prep, taping, testing, drill floor, folds.		
26 05 19 13-0002	LF	3-Conductor, #12 Flat Cable With Attached Bottom Shield	6.97	0.46
26 05 19 13-0003	LF	Top Shield, Steel	7.83	0.46

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 13-0004	EA	Splice, 3-Conductor	35.07	7.75
26 05 19 13-0005	EA	Splice Top Shield For 3 Conductor	8.91	3.65
26 05 19 13-0006	EA	Tap 3-Conductor	44.21	9.12
26 05 19 13-0007	EA	Insulating Patch, Splice Tap And End	74.55	7.75
26 05 19 13-0008	EA	Transition Block Assembly 3-conductor	49.07	4.56
26 05 19 13-0009	EA	Receptacles, Direct Connected Single, With Box	147.28	14.59
26 05 19 13-0010	EA	Receptacles, Direct Connected Dual, With Box	246.78	22.80
26 05 19 13-0011	EA	Box, Floor Mounted With Cover	249.81	18.24
26 05 19 13-0012	LF	5-Conductor #12 With Attached Bottom Shield	11.33	0.46
26 05 19 13-0013	LF	Shield, Top, Steel For 5 Conductor	11.24	0.46
26 05 19 13-0014	EA	Splice, 5 Conductor	35.63	7.75
26 05 19 13-0015	EA	Transition Block Assembly 5 Conductor	66.20	4.56
26 05 19 13-0016	EA	Box, Wall, Flush With Cover	103.41	18.24
26 05 19 13-0017	EA	Telephone Transition Fitting Wall Box	65.52	15.04
26 05 19 13-0018	EA	Telephone Fitting With Duplex Jack And Cover RJ-45	88.38	17.33
26 05 19 13-0019	EA	Telephone Miniature With Duplex RJ-45	38.58	6.83
26 05 19 13-0020	LF	Telephone 4-Pair Level 5 Under Carpet Wire	2.19	0.46
26 05 19 13-0021	EA	BNC Coax Connector Plug	27.59	9.12
26 05 19 13-0022	EA	TNC Connector Coax Plug	27.59	9.12
26 05 19 13-0023	CLF	Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm	147.11	45.60

26 05 19 16 Low-Voltage, Single-And Multi-Conductor Cables *(26 05 19)*

26 05 19 16-0001 Cable Installation Methods *(26 05 19 16)*

26 05 19 16-0002 Pull Cord *(26 05 19 16-0001)*

Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

26 05 19 16-0003	LF	Pull String Installed To Remain In Place, In Existing Conduit	0.31	
26 05 19 16-0004	LF	Pull String Installed To Remain In Place, In New Conduits	0.16	
26 05 19 16-0005	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.50	
26 05 19 16-0006	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits	0.30	

26 05 19 16-0007 Bore Conduit Into Dirt Or Sand *(26 05 19 16-0001)*

Note: For installation under roads, driveways or other structures up to 20'.

26 05 19 16-0008	LF	Bore 1" To 4" Conduit Into Dirt Or Sand	2.61	
26 05 19 16-0009	LF	Bore 5" To 8" Conduit Into Dirt Or Sand	3.32	
26 05 19 16-0010	EA	Boring Minimum Set-Up Charge	365.37	

Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.

26 05 19 16-0011 Wire and Cable *(26 05 19 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. For tasks placed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0057 for various conduit types.

26 05 19 16-0012 Multi-Conductor Cords, Cables And Associated Equipment *(26 05 19 16-0011)*

26 05 19 16-0013 Multi-Conductor Cords *(26 05 19 16-0012)*

Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.

26 05 19 16-0014 Multi-Conductor Type SOOW And SJOOW Cord *(26 05 19 16-0013)*

Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.

26 05 19 16-0015 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0014)*

26 05 19 16-0016 #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0015)*

26 05 19 16-0017	LF	2/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.07	0.40
26 05 19 16-0018	LF	3/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.13	0.40
26 05 19 16-0019	LF	4/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.28	0.40

26 05 19 16-0020 #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0015)*

26 05 19 16-0021	LF	2/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.24	0.40
26 05 19 16-0022	LF	3/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.34	0.40
26 05 19 16-0023	LF	4/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.48	0.40

26 05 19 16-0024 #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0015)*

26 05 19 16-0025	LF	2/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.43	0.40
26 05 19 16-0026	LF	3/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.58	0.40
26 05 19 16-0027	LF	4/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.87	0.40

26 05 19 16-0028 #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0015)*

26 05 19 16-0029	LF	2/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.68	0.40
26 05 19 16-0030	LF	3/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.86	0.40
26 05 19 16-0031	LF	4/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.12	0.40

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0032		#10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0015)*		
26 05 19 16-0033	LF	2/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.23	0.50
26 05 19 16-0034	LF	3/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.35	0.50
26 05 19 16-0035	LF	4/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.54	0.50
26 05 19 16-0036		600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0014)*		
26 05 19 16-0037		#18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0038	LF	2/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.13	0.40
26 05 19 16-0039	LF	3/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.23	0.40
26 05 19 16-0040	LF	4/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.38	0.40
26 05 19 16-0041	LF	5/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.48	0.54
26 05 19 16-0042	LF	6/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.72	0.55
26 05 19 16-0043	LF	7/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.91	0.57
26 05 19 16-0044	LF	8/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.20	0.58
26 05 19 16-0045	LF	10/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.71	0.61
26 05 19 16-0046	LF	12/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.26	0.63
26 05 19 16-0047	LF	14/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.69	0.64
26 05 19 16-0048	LF	16/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.80	0.66
26 05 19 16-0049	LF	18/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.95	0.67
26 05 19 16-0050	LF	20/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.65	0.69
26 05 19 16-0051	LF	24/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.46	0.70
26 05 19 16-0052	LF	30/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.81	0.75
26 05 19 16-0053		#16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0054	LF	2/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.34	0.40
26 05 19 16-0055	LF	3/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.43	0.40
26 05 19 16-0056	LF	4/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.62	0.40
26 05 19 16-0057	LF	5/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.60	0.54
26 05 19 16-0058	LF	6/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.89	0.55
26 05 19 16-0059	LF	7/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.17	0.57
26 05 19 16-0060	LF	8/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.53	0.58
26 05 19 16-0061	LF	9/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.68	0.60
26 05 19 16-0062	LF	10/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.10	0.61
26 05 19 16-0063	LF	12/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.83	0.63
26 05 19 16-0064	LF	14/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.20	0.64
26 05 19 16-0065	LF	16/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.90	0.66
26 05 19 16-0066	LF	18/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.85	0.67
26 05 19 16-0067	LF	20/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.71	0.69
26 05 19 16-0068	LF	24/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.38	0.70
26 05 19 16-0069	LF	26/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.33	0.72
26 05 19 16-0070	LF	30/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.07	0.75
26 05 19 16-0071		#14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0072	LF	2/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.60	0.40
26 05 19 16-0073	LF	3/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.71	0.40
26 05 19 16-0074	LF	4/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.98	0.40
26 05 19 16-0075	LF	5/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.45	0.54
26 05 19 16-0076	LF	6/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.17	0.55
26 05 19 16-0077	LF	7/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.41	0.57
26 05 19 16-0078	LF	8/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.99	0.58
26 05 19 16-0079	LF	9/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.38	0.60
26 05 19 16-0080	LF	10/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.03	0.61
26 05 19 16-0081	LF	12/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.65	0.63
26 05 19 16-0082	LF	14/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.36	0.64
26 05 19 16-0083	LF	16/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.90	0.66
26 05 19 16-0084	LF	20/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.01	0.69
26 05 19 16-0085	LF	24/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.85	0.70
26 05 19 16-0086	LF	30/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	14.05	0.75
26 05 19 16-0087		#12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0088	LF	2/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.87	0.40
26 05 19 16-0089	LF	3/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.08	0.40
26 05 19 16-0090	LF	4/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.28	0.40
26 05 19 16-0091	LF	5/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.98	0.54
26 05 19 16-0092	LF	6/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.64	0.55
26 05 19 16-0093	LF	7/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.33	0.57
26 05 19 16-0094	LF	8/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.07	0.58
26 05 19 16-0095	LF	9/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.59	0.60
26 05 19 16-0096	LF	10/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.49	0.61
26 05 19 16-0097	LF	12/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.56	0.63
26 05 19 16-0098	LF	14/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.55	0.64
26 05 19 16-0099	LF	16/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.54	0.66
26 05 19 16-0100	LF	18/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.01	0.67
26 05 19 16-0101	LF	20/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.72	0.69
26 05 19 16-0102	LF	24/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	14.49	0.70
26 05 19 16-0103	LF	26/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	16.26	0.72
26 05 19 16-0104	LF	28/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	16.83	0.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0105	LF	30/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	17.44	0.75
26 05 19 16-0106		#10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0107	LF	2/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.17	0.50
26 05 19 16-0108	LF	3/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.35	0.50
26 05 19 16-0109	LF	4/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.53	0.50
26 05 19 16-0110	LF	5/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.42	0.54
26 05 19 16-0111	LF	6/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.74	0.55
26 05 19 16-0112	LF	7/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.79	0.57
26 05 19 16-0113	LF	10/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.78	0.61
26 05 19 16-0114	LF	12/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.10	0.63
26 05 19 16-0115	LF	16/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.95	0.66
26 05 19 16-0116	LF	20/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	18.95	0.69
26 05 19 16-0117		#8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0118	LF	3/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	4.47	0.60
26 05 19 16-0119	LF	4/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	4.89	0.70
26 05 19 16-0120	LF	5/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	6.76	0.70
26 05 19 16-0121		#6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0122	LF	3/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	6.53	0.70
26 05 19 16-0123	LF	4/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	7.90	0.80
26 05 19 16-0124	LF	5/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	9.48	1.00
26 05 19 16-0125		#4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0126	LF	3/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	10.49	1.00
26 05 19 16-0127	LF	4/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	11.54	1.10
26 05 19 16-0128	LF	5/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	13.96	1.19
26 05 19 16-0129		#2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0036)*		
26 05 19 16-0130	LF	3/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	15.52	1.99
26 05 19 16-0131	LF	4/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	19.77	2.49
26 05 19 16-0132	LF	5/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	23.78	3.30
26 05 19 16-0133		300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0014)*		
26 05 19 16-0134		#18, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0133)*		
26 05 19 16-0135	LF	2/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.48	0.40
26 05 19 16-0136	LF	3/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.65	0.40
26 05 19 16-0137	LF	4/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.99	0.40
26 05 19 16-0138		#16, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0133)*		
26 05 19 16-0139	LF	2/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.59	0.40
26 05 19 16-0140	LF	3/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.86	0.40
26 05 19 16-0141	LF	4/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.98	0.40
26 05 19 16-0142		#14, 300 Volt, Multi-Conductor Type SJOOW Cord *(26 05 19 16-0133)*		
26 05 19 16-0143	LF	2/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.26	0.40
26 05 19 16-0144	LF	3/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	3.36	0.40
26 05 19 16-0145	LF	4/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	4.35	0.50
26 05 19 16-0146		600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0014)*		
26 05 19 16-0147		#18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0146)*		
26 05 19 16-0148	LF	2/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.18	0.40
26 05 19 16-0149	LF	3/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.64	0.40
26 05 19 16-0150	LF	4/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.13	0.40
26 05 19 16-0151		#16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0146)*		
26 05 19 16-0152	LF	2/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.34	0.40
26 05 19 16-0153	LF	3/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.81	0.40
26 05 19 16-0154	LF	4/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.57	0.40
26 05 19 16-0155	LF	5/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.86	0.50
26 05 19 16-0156		#14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0146)*		
26 05 19 16-0157	LF	3/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.93	0.40
26 05 19 16-0158	LF	4/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.54	0.40
26 05 19 16-0159	LF	5/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.96	0.50

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0160		#12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0146)*		
26 05 19 16-0161	LF	3/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.50	0.40
26 05 19 16-0162	LF	4/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.04	0.40
26 05 19 16-0163	LF	5/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.52	0.50
26 05 19 16-0164		#10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0146)*		
26 05 19 16-0165	LF	3/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.03	0.50
26 05 19 16-0166	LF	4/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.51	0.50
26 05 19 16-0167	LF	5/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.97	0.50
26 05 19 16-0168		Multi-Conductor Type SEOW Cord *(26 05 19 16-0013)*		
		Note: Includes thermoplastic elastomeric (TPE) insulation.		
26 05 19 16-0169		600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0168)*		
26 05 19 16-0170		#16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0169)*		
26 05 19 16-0171	LF	3/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.61	0.40
26 05 19 16-0172	LF	4/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.79	0.40
26 05 19 16-0173	LF	5/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.80	0.50
26 05 19 16-0174		#14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0169)*		
26 05 19 16-0175	LF	3/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.17	0.40
26 05 19 16-0176	LF	4/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.52	0.40
26 05 19 16-0177	LF	5/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.68	0.50
26 05 19 16-0178		#12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0169)*		
26 05 19 16-0179	LF	3/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.74	0.40
26 05 19 16-0180	LF	4/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.20	0.40
26 05 19 16-0181	LF	5/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.06	0.50
26 05 19 16-0182		#10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0169)*		
26 05 19 16-0183	LF	3/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.51	0.50
26 05 19 16-0184	LF	4/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.06	0.50
26 05 19 16-0185	LF	5/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	4.36	0.50
26 05 19 16-0186		Multi-Conductor Type W Cord *(26 05 19 16-0013)*		
		Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0187		2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0186)*		
26 05 19 16-0188		#8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0187)*		
26 05 19 16-0189	LF	3/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.94	0.60
26 05 19 16-0190	LF	4/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.32	0.70
26 05 19 16-0191	LF	5/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.33	0.70
26 05 19 16-0192		#6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0187)*		
26 05 19 16-0193	LF	3/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.29	0.70
26 05 19 16-0194	LF	4/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.32	0.80
26 05 19 16-0195	LF	5/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	7.87	1.00
26 05 19 16-0196		#4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord *(26 05 19 16-0187)*		
26 05 19 16-0197	LF	3/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	7.32	0.70
26 05 19 16-0198	LF	4/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	8.65	0.80
26 05 19 16-0199	LF	5/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	11.15	1.00
26 05 19 16-0200		Cord Grips, Cable Reels, Extension Cords, And Accessories *(26 05 19 16-0012)*		
26 05 19 16-0201		Cord Grips *(26 05 19 16-0200)*		
26 05 19 16-0202	EA	Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel	62.54	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 05 19 16-0203	EA	Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel	62.77	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.14*	
26 05 19 16-0204		Cable Reels *(26 05 19 16-0200)*		
		Note: Includes handling, mounting, electrical connections and installing cord.		
26 05 19 16-0205	EA	30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A)	587.54	49.87
26 05 19 16-0206	EA	50', 10-4, SEOOW, Extension Cord Reel (Reelcraft L 7050 104 X 1)	1,635.56	49.87
26 05 19 16-0207	EA	50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K)	1,221.29	49.87

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26 05 19 16-0208 Extension Cords *(26 05 19 16-0200)*

26 05 19 16-0209	EA	100 LF, 120 Volt, 12 Gauge, 3 Wire, Extension Cord	126.03	
26 05 19 16-0210	EA	100 LF, 240 Volt, 10 Gauge, 3 Wire, Extension Cord	175.80	

26 05 19 16-0211 Plugs And Connector Bodies *(26 05 19 16-0200)*

Note: Up to 277 volts.

26 05 19 16-0212 NEMA Twist-Lock Plugs *(26 05 19 16-0211)*

26 05 19 16-0213	EA	15 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C)	69.55	
26 05 19 16-0214	EA	15 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK)	71.06	
26 05 19 16-0215	EA	20 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C)	64.69	
26 05 19 16-0216	EA	20 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331)	69.36	
26 05 19 16-0217	EA	20 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411)	91.24	
26 05 19 16-0218	EA	20 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441)	97.17	
26 05 19 16-0219	EA	20 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK)	102.97	
26 05 19 16-0220	EA	30 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK)	92.12	
26 05 19 16-0221	EA	30 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK)	106.38	
26 05 19 16-0222	EA	30 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761)	109.15	
26 05 19 16-0223	EA	30 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK)	112.68	

26 05 19 16-0224 NEMA Twist-Lock Connector Bodies *(26 05 19 16-0211)*

26 05 19 16-0225	EA	15 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C)	73.83	
26 05 19 16-0226	EA	15 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C)	79.20	
26 05 19 16-0227	EA	20 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C)	67.91	
26 05 19 16-0228	EA	20 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK)	92.12	
26 05 19 16-0229	EA	20 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK)	107.76	
26 05 19 16-0230	EA	20 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443)	115.33	
26 05 19 16-0231	EA	20 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK)	140.81	
26 05 19 16-0232	EA	30 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK)	134.38	
26 05 19 16-0233	EA	30 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK)	166.29	
26 05 19 16-0234	EA	30 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753)	174.74	
26 05 19 16-0235	EA	30 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK)	165.53	

26 05 19 16-0236 Watertight Pin And Sleeve Plug *(26 05 19 16-0211)*

26 05 19 16-0237	EA	20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W)	202.45	29.93
26 05 19 16-0238	EA	20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W)	204.52	29.93
26 05 19 16-0239	EA	20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W)	220.57	29.93
26 05 19 16-0240	EA	20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W)	221.71	32.92
26 05 19 16-0241	EA	20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W)	218.60	32.92
26 05 19 16-0242	EA	20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W)	219.53	32.92
26 05 19 16-0243	EA	30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W)	306.47	36.81
26 05 19 16-0244	EA	30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W)	298.71	36.81
26 05 19 16-0245	EA	30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W)	332.03	36.81
26 05 19 16-0246	EA	30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W)	327.34	40.40
26 05 19 16-0247	EA	30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W)	313.87	40.40
26 05 19 16-0248	EA	30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W)	323.14	40.40
26 05 19 16-0249	EA	60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W)	415.83	47.88
26 05 19 16-0250	EA	60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W)	423.22	47.88
26 05 19 16-0251	EA	60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W)	405.70	47.88
26 05 19 16-0252	EA	60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W)	461.70	53.27
26 05 19 16-0253	EA	60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W)	450.20	53.27
26 05 19 16-0254	EA	60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W)	455.17	53.27
26 05 19 16-0255	EA	100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W)	569.09	59.85
26 05 19 16-0256	EA	100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W)	597.63	59.85
26 05 19 16-0257	EA	100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W)	584.66	65.83
26 05 19 16-0258	EA	100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W)	574.91	65.83
26 05 19 16-0259	EA	100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W)	580.18	65.83

26 05 19 16-0260 Watertight Pin And Sleeve Connector *(26 05 19 16-0211)*

26 05 19 16-0261	EA	20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W)	214.34	29.93
26 05 19 16-0262	EA	20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W)	215.77	29.93
26 05 19 16-0263	EA	20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W)	252.76	29.93
26 05 19 16-0264	EA	20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W)	251.68	32.92
26 05 19 16-0265	EA	20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W)	247.93	32.92
26 05 19 16-0266	EA	20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W)	251.32	32.92
26 05 19 16-0267	EA	30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W)	313.57	36.81
26 05 19 16-0268	EA	30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W)	313.49	36.81
26 05 19 16-0269	EA	30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W)	326.25	36.81
26 05 19 16-0270	EA	30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W)	323.88	40.40
26 05 19 16-0271	EA	30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W)	326.51	40.40
26 05 19 16-0272	EA	30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W)	323.74	40.40
26 05 19 16-0273	EA	60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W)	488.72	47.88
26 05 19 16-0274	EA	60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W)	473.10	47.88
26 05 19 16-0275	EA	60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W)	463.79	47.88
26 05 19 16-0276	EA	60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W)	505.08	53.27
26 05 19 16-0277	EA	60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W)	518.66	53.27
26 05 19 16-0278	EA	60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W)	519.66	53.27
26 05 19 16-0279	EA	100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W)	649.05	59.85
26 05 19 16-0280	EA	100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W)	666.97	59.85
26 05 19 16-0281	EA	100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W)	721.02	65.83

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0282	EA	100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W)	696.41	65.83
26 05 19 16-0283	EA	100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W)	704.81	65.83
26 05 19 16-0284		Accessories *(26 05 19 16-0200)*		
26 05 19 16-0285	EA	1/2" Straight Steel Cord Connector	41.73	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 19 16-0286	EA	1/2" Straight Nylon Cord Connector	25.85	7.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 19 16-0287	EA	1/2" 90 Degree Steel Cord Connector	48.34	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 19 16-0288	EA	1/2" 90 Degree Nylon Cord Connector	31.65	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 19 16-0289	EA	1/2" Straight Steel Cord Connector With Strain Relief Mesh	47.80	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 19 16-0290	EA	1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh	79.08	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 05 19 16-0291	EA	1/2" Straight Nylon Cord Connector With Strain Relief Mesh	31.24	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 19 16-0292	EA	1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh	50.33	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 19 16-0293	EA	3/4" Straight Steel Cord Connector	43.26	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 19 16-0294	EA	3/4" Straight Nylon Cord Connector	26.62	7.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 19 16-0295	EA	3/4" 90 Degree Steel Cord Connector	53.13	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 19 16-0296	EA	3/4" 90 Degree Nylon Cord Connector	34.06	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 19 16-0297	EA	3/4" Straight Steel Cord Connector With Strain Relief Mesh	54.41	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 05 19 16-0298	EA	3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh	64.51	17.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.47*	
26 05 19 16-0299	EA	3/4" Straight Nylon Cord Connector With Strain Relief Mesh	37.84	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 19 16-0300	EA	3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh	45.65	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 05 19 16-0301	EA	1" Straight Steel Cord Connector	53.09	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 19 16-0302	EA	1" Straight Nylon Cord Connector	31.54	7.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 19 16-0303	EA	1" 90 Degree Steel Cord Connector	59.63	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 19 16-0304	EA	1" 90 Degree Nylon Cord Connector	37.30	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 19 16-0305	EA	1" Straight Steel Cord Connector With Strain Relief Mesh	64.73	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 05 19 16-0306	EA	1" 90 Degree Steel Cord Connector With Strain Relief Mesh	71.33	17.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.47*	
26 05 19 16-0307	EA	1" Straight Nylon Cord Connector With Strain Relief Mesh	43.07	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 19 16-0308	EA	1" 90 Degree Nylon Cord Connector With Strain Relief Mesh	50.08	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 05 19 16-0309		ACSR (Aluminum Conductor Steel Reinforced) *(26 05 19 16-0011)*		
		Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
26 05 19 16-0310		ACSR Cable *(26 05 19 16-0309)*		
26 05 19 16-0311	MLF	#4 AWG ACSR Cable Swan 6/1 Installed On Poles, Aluminum Cable	1,268.36	450.31
26 05 19 16-0312	MLF	#4 AWG ACSR Cable Swanate 7/1 Installed On Poles, Aluminum Cable	1,330.93	467.58
26 05 19 16-0313	MLF	#2 AWG ACSR Cable Sparrow 6/1 Installed On Poles, Aluminum Cable	1,407.48	485.58
26 05 19 16-0314	MLF	#2 AWG ACSR Cable Sparate 7/1 Installed On Poles, Aluminum Cable	1,470.62	503.16
26 05 19 16-0315	MLF	#1/0 AWG ACSR Cable Raven 6/1 Installed On Poles, Aluminum Cable	1,576.01	520.23
26 05 19 16-0316	MLF	#2/0 AWG ACSR Cable Quail 6/1 Installed On Poles, Aluminum Cable	1,810.94	589.74
26 05 19 16-0317	MLF	#3/0 AWG ACSR Cable Pigeon 6/1 Installed On Poles, Aluminum Cable	2,056.75	657.68
26 05 19 16-0318	MLF	#4/0 AWG ACSR Cable Penguin 6/1 Installed On Poles, Aluminum Cable	2,319.45	726.56
26 05 19 16-0319	MLF	#1 Bare Aluminum Wire	1,764.57	629.60
26 05 19 16-0320	MLF	336 AWG ACSR Cable Merlin 18/1 Installed On Pole, Aluminum Cable	2,844.78	933.71
26 05 19 16-0321	MLF	477 AWG ACSR Cable Hawk 26/1 Installed On Pole, Aluminum Cable	3,249.69	1,071.05
26 05 19 16-0322		All Aluminum Conductors *(26 05 19 16-0309)*		
26 05 19 16-0323	MLF	795.0 ACSR Conductor Aluminum	24,037.72	8,782.38
26 05 19 16-0324		600 Volt Wire *(26 05 19 16-0011)*		
26 05 19 16-0325		Single Solid Conductor, Copper *(26 05 19 16-0324)*		
26 05 19 16-0326	MLF	#14 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit	527.91	221.33
26 05 19 16-0327	MLF	#12 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit	655.20	260.36
26 05 19 16-0328	MLF	#10 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit	801.50	318.36
26 05 19 16-0329	MLF	#14 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit	682.75	221.33
26 05 19 16-0330	MLF	#12 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit	821.85	260.36
26 05 19 16-0331	MLF	#10 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit	980.66	318.36

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0332		Power Cable, Stranded Conductor, Copper *(26 05 19 16-0324)*		
26 05 19 16-0333		Power Cable, Stranded, Single Conductor, XHHW-2 *(26 05 19 16-0332)*		
26 05 19 16-0334	MLF	#16 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	538.59	182.39
26 05 19 16-0335	MLF	#14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	638.51	218.87
26 05 19 16-0336	MLF	#12 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	775.31	255.35
26 05 19 16-0337	MLF	#10 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	937.01	291.82
26 05 19 16-0338	MLF	#8 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	1,230.58	364.78
26 05 19 16-0339	MLF	#6 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	1,621.16	437.73
26 05 19 16-0340	MLF	#4 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	2,180.32	547.17
26 05 19 16-0341	MLF	#3 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	2,559.22	620.11
26 05 19 16-0342	MLF	#2 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	2,999.43	693.07
26 05 19 16-0343	MLF	#1 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	3,648.45	766.03
26 05 19 16-0344	MLF	1/0 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	4,344.64	875.46
26 05 19 16-0345	MLF	2/0 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	5,156.65	984.89
26 05 19 16-0346	MLF	3/0 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	6,108.93	1,094.33
26 05 19 16-0347	MLF	4/0 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	7,239.93	1,203.76
26 05 19 16-0348	MLF	250 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	7,700.71	1,313.19
26 05 19 16-0349	MLF	300 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	9,030.27	1,422.63
26 05 19 16-0350	MLF	350 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	9,644.07	1,532.06
26 05 19 16-0351	MLF	400 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	10,733.38	1,641.48
26 05 19 16-0352	MLF	500 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	12,316.43	1,750.92
26 05 19 16-0353	MLF	600 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	14,094.54	1,896.83
26 05 19 16-0354	MLF	750 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	20,849.47	2,115.70
26 05 19 16-0355	MLF	1,000 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Single Stranded, Placed In Conduit	29,030.80	2,480.48
26 05 19 16-0356		Power Cable, Stranded, Multi Conductor, XHHW-2 *(26 05 19 16-0332)*		
26 05 19 16-0357	MLF	2/c #14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	1,277.03	437.63
26 05 19 16-0358	MLF	3/c #14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	1,550.77	510.78
26 05 19 16-0359	MLF	4/c #14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	1,915.80	620.11
26 05 19 16-0360	MLF	6/c #14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	2,234.46	674.56
26 05 19 16-0361	MLF	7/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,417.54	711.22
26 05 19 16-0362	MLF	9/c #14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	2,782.31	784.08
26 05 19 16-0363	MLF	10/c #14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	2,134.44	817.27
26 05 19 16-0364	MLF	12/c #14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	3,330.50	893.70
26 05 19 16-0365	MLF	14/c #14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	3,650.34	948.60
26 05 19 16-0366	MLF	24/c #14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	5,202.06	1,203.85
26 05 19 16-0367	MLF	37/c #14 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	7,848.54	1,787.40
26 05 19 16-0368	MLF	2/c #12 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	1,550.86	510.78
26 05 19 16-0369	MLF	3/c #12 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	1,961.28	620.11
26 05 19 16-0370	MLF	4/c #12 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	2,371.70	729.55
26 05 19 16-0371	MLF	2/c #10 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	2,055.70	656.32
26 05 19 16-0372	MLF	3/c #10 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	2,626.91	801.77
26 05 19 16-0373	MLF	4/c #10 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	3,383.69	1,021.55
26 05 19 16-0374	MLF	6/c #10 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	4,528.86	1,313.64
26 05 19 16-0375	MLF	9/c #10 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	6,062.22	1,678.06
26 05 19 16-0376	MLF	2/c #8 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	2,506.75	747.79
26 05 19 16-0377	MLF	3/c #8 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	3,144.57	875.46
26 05 19 16-0378	MLF	4/c #8 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	4,055.97	1,112.57
26 05 19 16-0379	MLF	2/c #6 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	3,151.20	838.98
26 05 19 16-0380	MLF	3/c #6 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	4,179.51	1,039.61
26 05 19 16-0381	MLF	4/c #6 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	5,312.77	1,282.19
26 05 19 16-0382	MLF	2/c #4 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	4,169.50	1,017.90
26 05 19 16-0383	MLF	3/c #4 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	5,347.92	1,164.28
26 05 19 16-0384	MLF	4/c #4 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	6,881.79	1,452.90
26 05 19 16-0385	MLF	2/c #2 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	5,633.13	1,239.87
26 05 19 16-0386	MLF	3/c #2 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	7,266.47	1,386.51
26 05 19 16-0387	MLF	4/c #2 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	9,626.64	1,823.87
26 05 19 16-0388	MLF	3/c #1 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	9,576.70	1,750.65
26 05 19 16-0389	MLF	4/c #1 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	12,402.82	2,187.74
26 05 19 16-0390	MLF	3/c #1/0 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	11,210.88	1,897.20
26 05 19 16-0391	MLF	3/c #2/0 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	13,552.54	2,187.74
26 05 19 16-0392	MLF	3/c #3/0 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	16,500.15	2,552.33
26 05 19 16-0393	MLF	4/c #3/0 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	21,696.36	3,281.61
26 05 19 16-0394	MLF	3/c #4/0 AWG Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	19,993.35	2,920.67
26 05 19 16-0395	MLF	3/c 250 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	21,457.08	3,281.61
26 05 19 16-0396	MLF	3/c 350 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	26,561.13	3,647.76
26 05 19 16-0397	MLF	3/c 500 MCM Cable - XLP (XHHW-2), 600 Volt Copper, Stranded, Placed In Conduit	33,840.04	4,009.07
26 05 19 16-0398		Underground Feeder And Branch Circuit Suitable, Single Stranded Copper *(26 05 19 16-0324)* Note: Direct bury.		
26 05 19 16-0399	MLF	#14 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	751.05	
26 05 19 16-0400	MLF	#12 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	882.75	
26 05 19 16-0401	MLF	#10 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	1,092.04	
26 05 19 16-0402	MLF	#8 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	1,426.93	
26 05 19 16-0403	MLF	#6 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	1,959.64	
26 05 19 16-0404	MLF	#4 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	2,566.15	
26 05 19 16-0405	MLF	#2 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	3,658.35	
26 05 19 16-0406	MLF	#1 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	4,500.05	
26 05 19 16-0407	MLF	#1/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	5,485.83	
26 05 19 16-0408	MLF	#2/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	6,606.87	
26 05 19 16-0409	MLF	#3/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	7,915.05	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0410		MLF	#4/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	8,924.04	
26 05 19 16-0411		MLF	250 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	9,669.08	
26 05 19 16-0412		MLF	300 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	11,496.33	
26 05 19 16-0413		MLF	350 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	12,822.28	
26 05 19 16-0414		MLF	400 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	14,363.32	
26 05 19 16-0415		MLF	500 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	16,908.97	
26 05 19 16-0416		MLF	600 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	19,898.71	
26 05 19 16-0417		MLF	750 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	31,116.83	
26 05 19 16-0418		MLF	#14 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	634.81	
26 05 19 16-0419		MLF	#12 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	755.67	
26 05 19 16-0420		MLF	#10 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	894.14	
26 05 19 16-0421		MLF	#8 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,101.98	
26 05 19 16-0422		MLF	#6 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,393.27	
26 05 19 16-0423		MLF	#4 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,826.00	
26 05 19 16-0424		MLF	#2 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	2,441.03	
26 05 19 16-0425		MLF	#1 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	2,846.81	
26 05 19 16-0426		MLF	#1/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	3,228.86	
26 05 19 16-0427		MLF	#2/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	3,637.74	
26 05 19 16-0428		MLF	#3/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	4,188.85	
26 05 19 16-0429		MLF	#4/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	4,837.64	
26 05 19 16-0430		MLF	250 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	5,447.26	
26 05 19 16-0431		MLF	300 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	6,085.69	
26 05 19 16-0432		MLF	350 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	6,771.50	
26 05 19 16-0433		MLF	400 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	7,477.89	
26 05 19 16-0434		MLF	500 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	8,586.25	
26 05 19 16-0435		MLF	750 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	13,736.86	
26 05 19 16-0436		MLF	#14 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	531.67	
26 05 19 16-0437		MLF	#12 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	655.46	
26 05 19 16-0438		MLF	#10 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	801.04	
26 05 19 16-0439		MLF	#8 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,103.93	
26 05 19 16-0440		MLF	#6 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,471.35	
26 05 19 16-0441		MLF	#4 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,907.13	
26 05 19 16-0442		MLF	#2 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	2,685.90	
26 05 19 16-0443		MLF	#1 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	3,168.82	
26 05 19 16-0444		MLF	#1/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	3,683.90	
26 05 19 16-0445		MLF	#2/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	4,157.36	
26 05 19 16-0446		MLF	#3/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	4,871.96	
26 05 19 16-0447		MLF	#4/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	5,756.86	
26 05 19 16-0448		MLF	250 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	6,708.18	
26 05 19 16-0449		MLF	300 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	7,696.31	
26 05 19 16-0450		MLF	350 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	8,752.93	
26 05 19 16-0451		MLF	400 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	9,774.99	
26 05 19 16-0452		MLF	500 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	11,492.50	
26 05 19 16-0453		MLF	600 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	13,720.62	
26 05 19 16-0454		MLF	750 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	21,108.79	
26 05 19 16-0455		MLF	#2 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	4,469.03	
26 05 19 16-0456		MLF	#1/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	6,393.91	
26 05 19 16-0457		MLF	#2/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	7,101.42	
26 05 19 16-0458		MLF	#3/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	8,061.55	
26 05 19 16-0459		MLF	#4/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	8,957.19	
26 05 19 16-0460		MLF	250 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	9,655.84	
26 05 19 16-0461		MLF	350 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	13,779.90	
26 05 19 16-0462		MLF	400 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	14,976.11	
26 05 19 16-0463		MLF	500 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	17,057.64	

26 05 19 16-0464 600 Volt, Armored Cable, Copper Conductors *(26 05 19 16-0324)*

26 05 19 16-0465 ACTHH, Solid *(26 05 19 16-0464)*

26 05 19 16-0466		MLF	#8 AWG Cable - Type ACT, 1 Conductor, Solid	1,995.53	598.51
26 05 19 16-0467		MLF	#6 AWG Cable - Type ACT, 1 Conductor, Solid	2,294.88	678.31
26 05 19 16-0468		MLF	#4 AWG Cable - Type ACT, 1 Conductor, Solid	2,593.86	718.22
26 05 19 16-0469		MLF	#14 AWG Cable - Type ACTHH, 2 Conductors, Solid	2,952.25	997.51
26 05 19 16-0470		MLF	#12 AWG Cable - Type ACTHH, 2 Conductors, Solid	3,189.82	1,117.02
26 05 19 16-0471		MLF	#10 AWG Cable - Type ACTHH, 2 Conductors, Solid	3,940.69	1,237.62
26 05 19 16-0472		MLF	#8 AWG Cable - Type ACTHH, 2 Conductors, Solid	5,006.41	1,357.12
26 05 19 16-0473		MLF	#14 AWG Cable - Type ACTHH, 3 Conductors, Solid	3,520.49	1,117.02
26 05 19 16-0474		MLF	#12 AWG Cable - Type ACTHH, 3 Conductors, Solid	3,725.46	1,237.62
26 05 19 16-0475		MLF	#10 AWG Cable - Type ACTHH, 3 Conductors, Solid	4,661.15	1,397.12
26 05 19 16-0476		MLF	#8 AWG Cable - Type ACTHH, 3 Conductors, Solid	5,889.35	1,516.03
26 05 19 16-0477		MLF	#14 AWG Cable - Type ACTHH, 4 Conductors, Solid	4,145.63	1,237.62
26 05 19 16-0478		MLF	#12 AWG Cable - Type ACTHH, 4 Conductors, Solid	4,565.39	1,397.12
26 05 19 16-0479		MLF	#10 AWG Cable - Type ACTHH, 4 Conductors, Solid	5,686.58	1,556.22
26 05 19 16-0480		MLF	#8 AWG Cable - Type ACTHH, 4 Conductors, Solid	7,187.07	1,676.53

26 05 19 16-0481 ACTHH, Stranded *(26 05 19 16-0464)*

26 05 19 16-0482		MLF	#8 AWG Cable - Type ACTHH, 2 Conductors, Stranded	5,206.85	1,437.32
26 05 19 16-0483		MLF	#6 AWG Cable - Type ACTHH, 2 Conductors, Stranded	6,285.90	1,635.23
26 05 19 16-0484		MLF	#8 AWG Cable - Type ACTHH, 3 Conductors, Stranded	6,089.46	1,596.03
26 05 19 16-0485		MLF	#6 AWG Cable - Type ACTHH, 3 Conductors, Stranded	7,525.13	1,794.14
26 05 19 16-0486		MLF	#4 AWG Cable - Type ACTHH, 3 Conductors, Stranded	9,374.70	1,995.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0487	MLF	#3 AWG Cable - Type ACTHH, 3 Conductors, Stranded	10,723.58	2,192.35
26 05 19 16-0488	MLF	#2 AWG Cable - Type ACTHH, 3 Conductors, Stranded	12,223.57	2,392.15
26 05 19 16-0489	MLF	#8 AWG Cable - Type ACTHH, 4 Conductors, Stranded	7,782.38	1,914.63
26 05 19 16-0490	MLF	#6 AWG Cable - Type ACTHH, 4 Conductors, Stranded	9,312.37	2,113.34
26 05 19 16-0491	MLF	#4 AWG Cable - Type ACTHH, 4 Conductors, Stranded	11,763.05	2,314.44
26 05 19 16-0492	MLF	#3 AWG Cable - Type ACTHH, 4 Conductors, Stranded	12,878.56	2,512.64
26 05 19 16-0493	MLF	#2 AWG Cable - Type ACTHH, 4 Conductors, Stranded	15,135.27	2,710.65

26 05 19 16-0494 HCFC, Solid *(26 05 19 16-0464)*

26 05 19 16-0495	MLF	#14 AWG Cable - Type HCF, 2 Conductors, Solid	3,240.21	997.51
26 05 19 16-0496	MLF	#12 AWG Cable - Type HCF, 2 Conductors, Solid	3,563.09	1,120.81
26 05 19 16-0497	MLF	#10 AWG Cable - Type HCF, 2 Conductors, Solid	3,971.23	1,231.53
26 05 19 16-0498	MLF	#14 AWG Cable - Type HCF, 3 Conductors, Solid	3,880.43	1,120.81
26 05 19 16-0499	MLF	#12 AWG Cable - Type HCF, 3 Conductors, Solid	4,178.88	1,231.53
26 05 19 16-0500	MLF	#10 AWG Cable - Type HCF, 3 Conductors, Solid	5,355.08	1,405.00
26 05 19 16-0501	MLF	#14 AWG Cable - Type HCF, 4 Conductors, Solid	4,689.69	1,231.53
26 05 19 16-0502	MLF	#12 AWG Cable - Type HCF, 4 Conductors, Solid	5,155.88	1,405.00
26 05 19 16-0503	MLF	#10 AWG Cable - Type HCF, 4 Conductors, Solid	6,854.09	1,558.62

26 05 19 16-0504 MC, Solid Or Stranded, Galvanized Steel Armor *(26 05 19 16-0464)*

26 05 19 16-0505	MLF	#14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	2,971.26	997.51
26 05 19 16-0506	MLF	#12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,321.31	1,120.81
26 05 19 16-0507	MLF	#10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,947.09	1,231.53
26 05 19 16-0508	MLF	#8 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	4,946.44	1,316.03
26 05 19 16-0509	MLF	#6 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	6,063.57	1,395.12
26 05 19 16-0510	MLF	#14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,419.53	1,120.81
26 05 19 16-0511	MLF	#12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,845.23	1,231.53
26 05 19 16-0512	MLF	#10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	4,823.81	1,405.00
26 05 19 16-0513	MLF	#8 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	6,147.98	1,516.03
26 05 19 16-0514	MLF	#6 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	7,136.29	1,635.23
26 05 19 16-0515	MLF	#4 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	8,727.10	1,756.23
26 05 19 16-0516	MLF	#2 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	11,856.96	1,875.04
26 05 19 16-0517	MLF	#14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,938.18	1,231.53
26 05 19 16-0518	MLF	#12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	4,509.32	1,405.00
26 05 19 16-0519	MLF	#10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	6,596.20	1,558.62
26 05 19 16-0520	MLF	#8 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	8,794.02	1,716.92
26 05 19 16-0521	MLF	#6 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	10,647.74	1,837.03
26 05 19 16-0522	MLF	#4 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	13,871.52	1,955.93
26 05 19 16-0523	MLF	#2 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	17,747.74	2,073.84

26 05 19 16-0524 MC, Solid Or Stranded, Aluminum Armor *(26 05 19 16-0464)*

26 05 19 16-0525	MLF	#14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor	2,950.13	997.51
26 05 19 16-0526	MLF	#12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor	3,266.50	1,120.81
26 05 19 16-0527	MLF	#10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor	3,898.62	1,231.53
26 05 19 16-0528	MLF	#14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor	3,507.80	1,120.81
26 05 19 16-0529	MLF	#12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor	3,796.54	1,231.53
26 05 19 16-0530	MLF	#10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor	4,785.30	1,405.00
26 05 19 16-0531	MLF	#14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	4,357.84	1,231.53
26 05 19 16-0532	MLF	#12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	4,813.48	1,405.00
26 05 19 16-0533	MLF	#10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	6,596.20	1,558.62

26 05 19 16-0534 FPLP Solid TFN Red Armored Cable *(26 05 19 16-0464)*

Note: Color coded red.

26 05 19 16-0535	MLF	#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,863.05	758.11
26 05 19 16-0536	MLF	#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,260.36	877.81
26 05 19 16-0537	MLF	#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,993.03	997.51
26 05 19 16-0538	MLF	#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,565.54	1,117.22
26 05 19 16-0539	MLF	#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	3,266.75	877.81
26 05 19 16-0540	MLF	#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	3,839.86	997.51
26 05 19 16-0541	MLF	#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,749.47	1,117.22
26 05 19 16-0542	MLF	#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	5,384.66	1,236.92

26 05 19 16-0543 FPLP Solid THHN Red Armored Cable *(26 05 19 16-0464)*

Note: Color coded red.

26 05 19 16-0544	MLF	#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	3,640.85	997.51
26 05 19 16-0545	MLF	#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	4,455.89	1,117.22
26 05 19 16-0546	MLF	#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	5,794.86	1,236.92
26 05 19 16-0547	MLF	#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	6,677.22	1,356.62
26 05 19 16-0548	MLF	#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	4,517.39	1,117.22
26 05 19 16-0549	MLF	#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	5,457.77	1,236.92

26 05 19 16-0550 FPLP Twisted Shielded Pair Red Armored Cable *(26 05 19 16-0464)*

Note: Color coded red.

26 05 19 16-0551	MLF	#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	3,071.92	758.11
26 05 19 16-0552	MLF	#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,870.15	1,117.22
26 05 19 16-0553	MLF	#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	3,748.89	877.81
26 05 19 16-0554	MLF	#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	4,407.29	997.51
26 05 19 16-0555	MLF	#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	6,048.41	1,236.92

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0556		MLF	#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	4,396.22	1,037.42
26 05 19 16-0557		MLF	#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	5,385.87	1,197.02

26 05 19 16-0558 Armored Cable Connectors *(26 05 19 16-0464)*

26 05 19 16-0559		EA	3/4" Armored Cable Connector	5.90	2.18
			For Work In Restricted Working Space, Add	*1.64*	
			For Elevated Installation >15' To 20', Add	*1.09*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.64*	
26 05 19 16-0560		EA	1" Armored Cable Connector	7.88	2.92
			For Work In Restricted Working Space, Add	*2.19*	
			For Elevated Installation >15' To 20', Add	*1.46*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.19*	
26 05 19 16-0561		EA	1-1/4" Armored Cable Connector	9.89	3.65
			For Work In Restricted Working Space, Add	*2.74*	
			For Elevated Installation >15' To 20', Add	*1.82*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.74*	

26 05 19 16-0562 600 Volt, Feeder Wire, Single Stranded Copper *(26 05 19 16-0324)*

26 05 19 16-0563		MLF	#14 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	695.29	146.18
			For EPR Insulation, Add	*22.22*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*51.85*	
26 05 19 16-0564		MLF	#12 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	789.35	161.87
			For EPR Insulation, Add	*22.65*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*52.85*	
26 05 19 16-0565		MLF	#10 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	950.01	202.36
			For EPR Insulation, Add	*33.07*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*77.16*	
26 05 19 16-0566		MLF	#8 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	1,274.38	321.92
			For EPR Insulation, Add	*54.37*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*126.85*	
26 05 19 16-0567		MLF	#6 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	1,703.36	386.29
			For EPR Insulation, Add	*91.35*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*213.16*	
26 05 19 16-0568		MLF	#4 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	2,289.30	448.49
			For EPR Insulation, Add	*138.21*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*322.49*	
26 05 19 16-0569		MLF	#3 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	2,609.20	513.33
			For EPR Insulation, Add	*158.84*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*370.62*	
26 05 19 16-0570		MLF	#2 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	3,229.15	578.16
			For EPR Insulation, Add	*224.47*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*523.76*	
26 05 19 16-0571		MLF	#1 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	3,937.04	643.92
			For EPR Insulation, Add	*303.30*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*707.69*	
26 05 19 16-0572		MLF	#1/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	4,713.95	726.45
			For EPR Insulation, Add	*378.80*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*883.86*	
26 05 19 16-0573		MLF	#2/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	5,636.60	805.61
			For EPR Insulation, Add	*476.15*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,111.03*	
26 05 19 16-0574		MLF	#3/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	6,702.57	899.35
			For EPR Insulation, Add	*595.01*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,388.36*	
26 05 19 16-0575		MLF	#4/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	7,539.42	999.94
			For EPR Insulation, Add	*679.50*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,585.50*	
26 05 19 16-0576		MLF	250 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	8,050.29	1,096.70
			For EPR Insulation, Add	*715.10*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,668.56*	
26 05 19 16-0577		MLF	300 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	9,412.43	1,205.58
			For EPR Insulation, Add	*878.38*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,049.55*	
26 05 19 16-0578		MLF	350 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	10,462.16	1,278.08
			For EPR Insulation, Add	*994.80*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,321.21*	
26 05 19 16-0579		MLF	400 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	11,670.52	1,428.46
			For EPR Insulation, Add	*1,135.02*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,648.38*	
26 05 19 16-0580		MLF	500 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	13,250.12	1,588.69
			For EPR Insulation, Add	*1,330.92*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,105.48*	
26 05 19 16-0581		MLF	600 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	15,408.89	1,652.89
			For EPR Insulation, Add	*1,600.02*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,733.38*	
26 05 19 16-0582		MLF	750 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	24,337.93	1,717.00
			For EPR Insulation, Add	*2,857.30*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*6,667.04*	
26 05 19 16-0583		MLF	1,000 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit	30,369.02	1,834.64
			For EPR Insulation, Add	*3,707.25*	
			For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*8,650.25*	
26 05 19 16-0584		MLF	#16 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit	1,160.18	328.12
26 05 19 16-0585		MLF	#14 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit	1,416.14	364.78
26 05 19 16-0586		MLF	#12 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit	1,762.17	438.10
26 05 19 16-0587		MLF	#10 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit	2,082.89	510.50
26 05 19 16-0588		MLF	#8 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit	2,941.32	546.62
26 05 19 16-0589		MLF	#18 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit	415.03	182.39

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0590	MLF	#16 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit	517.81	200.63
26 05 19 16-0591	MLF	#14 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	528.06	146.27
26 05 19 16-0592	MLF	#12 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	650.30	174.36
26 05 19 16-0593	MLF	#10 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	793.31	219.32
26 05 19 16-0594	MLF	#8 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	1,090.44	289.09
26 05 19 16-0595	MLF	#6 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	1,449.05	349.09
26 05 19 16-0596	MLF	#4 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	1,872.77	412.56
26 05 19 16-0597	MLF	#3 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	2,223.43	467.01
26 05 19 16-0598	MLF	#2 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	2,631.82	523.00
26 05 19 16-0599	MLF	#1 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	3,100.43	590.21
26 05 19 16-0600	MLF	#1/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	3,604.02	646.29
26 05 19 16-0601	MLF	#2/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	4,063.62	714.23
26 05 19 16-0602	MLF	#3/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	4,752.87	755.45
26 05 19 16-0603	MLF	#4/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	5,608.67	849.92
26 05 19 16-0604	MLF	250 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	6,527.71	904.19
26 05 19 16-0605	MLF	300 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	7,481.81	1,024.02
26 05 19 16-0606	MLF	350 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	8,501.15	1,133.27
26 05 19 16-0607	MLF	400 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	9,487.58	1,164.28
26 05 19 16-0608	MLF	500 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	11,136.31	1,231.76
26 05 19 16-0609	MLF	600 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	13,629.43	1,449.52
26 05 19 16-0610	MLF	750 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	20,338.09	1,717.00
26 05 19 16-0611	MLF	1,000 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	24,292.14	2,073.02
26 05 19 16-0612	MLF	#16 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	2,274.56	438.10
26 05 19 16-0613	MLF	#14 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	2,527.57	510.50
26 05 19 16-0614	MLF	#12 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	2,928.99	584.10
26 05 19 16-0615	MLF	#10 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	3,808.06	656.32
26 05 19 16-0616	MLF	#8 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	4,315.46	729.55
26 05 19 16-0617	MLF	#6 AWG Cable - Type TGGT High Temperature 600 Volt Copper, Single Stranded, Placed In Conduit	5,505.96	801.77
26 05 19 16-0618		**600 Volt, Single Stranded Copper, Low Smoke Zero Halogen** *(26 05 19 16-0324)*		
26 05 19 16-0619	MLF	#14 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	510.45	146.27
26 05 19 16-0620	MLF	#12 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	642.93	174.36
26 05 19 16-0621	MLF	#10 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	859.43	219.32
26 05 19 16-0622	MLF	#8 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	1,264.18	289.09
26 05 19 16-0623	MLF	#6 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	1,767.85	349.09
26 05 19 16-0624	MLF	#4 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	2,272.23	412.56
26 05 19 16-0625	MLF	#3 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	2,712.06	467.01
26 05 19 16-0626	MLF	#2 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	3,260.20	523.00
26 05 19 16-0627	MLF	#1 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	3,732.63	590.21
26 05 19 16-0628	MLF	#1/0 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	4,252.46	646.29
26 05 19 16-0629	MLF	#2/0 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	4,879.64	714.23
26 05 19 16-0630	MLF	#3/0 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	5,819.22	755.45
26 05 19 16-0631	MLF	#4/0 AWG Cable - Type LSZH 600 Volt Copper, Single Stranded	7,016.09	849.92
26 05 19 16-0632	MLF	250 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	7,934.29	904.19
26 05 19 16-0633	MLF	300 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	9,303.58	1,024.02
26 05 19 16-0634	MLF	350 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	10,748.91	1,133.27
26 05 19 16-0635	MLF	400 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	11,706.59	1,164.28
26 05 19 16-0636	MLF	500 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	13,979.40	1,231.76
26 05 19 16-0637	MLF	600 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	16,718.02	1,449.52
26 05 19 16-0638	MLF	750 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	21,608.20	1,717.00
26 05 19 16-0639	MLF	1,000 MCM Cable - Type LSZH 600 Volt Copper, Single Stranded	27,996.78	2,073.02
26 05 19 16-0640		**600 Volt, Feeder Wire, Single Stranded Aluminum** *(26 05 19 16-0324)*		
26 05 19 16-0641	MLF	#6 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	863.80	274.73
26 05 19 16-0642	MLF	#4 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,016.78	319.45
26 05 19 16-0643	MLF	#2 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,321.22	410.07
26 05 19 16-0644	MLF	#1 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,578.36	457.92
26 05 19 16-0645	MLF	#1/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,810.20	515.91
26 05 19 16-0646	MLF	#2/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,038.48	569.42
26 05 19 16-0647	MLF	#3/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,370.55	642.62
26 05 19 16-0648	MLF	#4/0 AWG Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,621.36	708.98
26 05 19 16-0649	MLF	250 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,984.84	779.39
26 05 19 16-0650	MLF	300 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,550.43	847.58
26 05 19 16-0651	MLF	350 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,744.57	915.75
26 05 19 16-0652	MLF	400 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,247.69	1,018.57
26 05 19 16-0653	MLF	500 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,679.92	1,121.34
26 05 19 16-0654	MLF	600 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,643.12	1,306.24
26 05 19 16-0655	MLF	700 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	6,324.76	1,431.99
26 05 19 16-0656	MLF	750 MCM Cable - Type THHN-THWN, 600 Volt Aluminum, Single Stranded, Placed In Conduit	6,485.33	1,485.08
26 05 19 16-0657	MLF	1,000 MCM Cable - Type THHN-THWN, 600 Volt, Aluminum, Single Stranded, Placed In Conduit	8,631.79	1,801.49
26 05 19 16-0658	MLF	#8 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	959.09	323.83
26 05 19 16-0659	MLF	#6 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,079.44	364.78
26 05 19 16-0660	MLF	#4 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,328.34	448.77
26 05 19 16-0661	MLF	#2 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,655.55	550.08
26 05 19 16-0662	MLF	#1 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,029.36	647.57
26 05 19 16-0663	MLF	1/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,317.19	729.83
26 05 19 16-0664	MLF	2/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,608.62	810.62
26 05 19 16-0665	MLF	3/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,934.10	884.40
26 05 19 16-0666	MLF	4/0 AWG Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,156.54	941.21
26 05 19 16-0667	MLF	250 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,498.49	1,007.05
26 05 19 16-0668	MLF	300 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,053.07	1,079.28
26 05 19 16-0669	MLF	350 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,291.98	1,165.91
26 05 19 16-0670	MLF	400 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,788.77	1,271.42

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0671		MLF	500 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,423.88	1,459.11
26 05 19 16-0672		MLF	600 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	6,089.29	1,535.52
26 05 19 16-0673		MLF	700 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	6,645.11	1,618.88
26 05 19 16-0674		MLF	750 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	6,925.62	1,720.46
26 05 19 16-0675		MLF	1,000 MCM Cable - XHHW, 600 Volt Aluminum, Single Stranded, Placed In Conduit	9,934.97	2,411.17
26 05 19 16-0676		MLF	#6 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,114.49	364.78
26 05 19 16-0677		MLF	#4 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,381.99	448.68
26 05 19 16-0678		MLF	#2 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	1,712.72	550.81
26 05 19 16-0679		MLF	#1 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,090.04	643.92
26 05 19 16-0680		MLF	#1/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,360.08	726.45
26 05 19 16-0681		MLF	#2/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	2,650.63	805.61
26 05 19 16-0682		MLF	#3/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,009.68	884.40
26 05 19 16-0683		MLF	#4/0 AWG Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,255.85	941.21
26 05 19 16-0684		MLF	250 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	3,615.62	1,006.42
26 05 19 16-0685		MLF	300 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,206.27	1,080.65
26 05 19 16-0686		MLF	350 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,481.23	1,167.46
26 05 19 16-0687		MLF	400 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	4,930.66	1,268.51
26 05 19 16-0688		MLF	500 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,673.26	1,459.11
26 05 19 16-0689		MLF	600 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	6,316.97	1,531.42
26 05 19 16-0690		MLF	700 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	6,906.12	1,618.88
26 05 19 16-0691		MLF	750 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	7,216.53	1,715.26

26 05 19 16-0692 Non-Metallic Sheathed Cable *(26 05 19 16-0324)*

26 05 19 16-0693 Indoor Installation *(26 05 19 16-0692)*

Note: For NM, NM-B, NMC-B and NMS-B.

26 05 19 16-0694		MLF	#14-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	1,980.75	692.98
			For Installation In Wood Stud Wall (Includes Drilling), Add	*259.86*	
26 05 19 16-0695		MLF	#14-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	2,434.85	838.98
			For Installation In Wood Stud Wall (Includes Drilling), Add	*314.63*	
26 05 19 16-0696		MLF	#12-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	2,165.95	787.91
			For Installation In Wood Stud Wall (Includes Drilling), Add	*280.42*	
26 05 19 16-0697		MLF	#12-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	2,683.23	875.28
			For Installation In Wood Stud Wall (Includes Drilling), Add	*328.24*	
26 05 19 16-0698		MLF	#10-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	2,718.72	875.73
			For Installation In Wood Stud Wall (Includes Drilling), Add	*328.41*	
26 05 19 16-0699		MLF	#10-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	3,321.46	1,021.55
			For Installation In Wood Stud Wall (Includes Drilling), Add	*383.08*	
26 05 19 16-0700		MLF	#8-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	3,436.05	1,048.73
			For Installation In Wood Stud Wall (Includes Drilling), Add	*373.44*	
26 05 19 16-0701		MLF	#8-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	4,438.03	1,267.60
			For Installation In Wood Stud Wall (Includes Drilling), Add	*451.41*	
26 05 19 16-0702		MLF	#6-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	4,117.32	1,194.64
			For Installation In Wood Stud Wall (Includes Drilling), Add	*424.05*	
26 05 19 16-0703		MLF	#6-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	5,284.96	1,440.87
			For Installation In Wood Stud Wall (Includes Drilling), Add	*512.96*	
26 05 19 16-0704		MLF	#4-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	6,786.50	1,586.78
			For Installation In Wood Stud Wall (Includes Drilling), Add	*564.26*	
26 05 19 16-0705		MLF	#2-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable	9,330.40	1,723.56
			For Installation In Wood Stud Wall (Includes Drilling), Add	*615.56*	

26 05 19 16-0706 Direct Burial Cable *(26 05 19 16-0692)*

Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.

26 05 19 16-0707		MLF	#14-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,115.05
26 05 19 16-0708		MLF	#14-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,679.77
26 05 19 16-0709		MLF	#12-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,672.22
26 05 19 16-0710		MLF	#12-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	3,130.73
26 05 19 16-0711		MLF	#10-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,951.79
26 05 19 16-0712		MLF	#10-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	3,709.22
26 05 19 16-0713		MLF	#8-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	3,921.71
26 05 19 16-0714		MLF	#8-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	4,944.31
26 05 19 16-0715		MLF	#6-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	5,023.13
26 05 19 16-0716		MLF	#6-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	5,978.51

26 05 19 16-0717 SEU Cable Copper, 3 Conductor *(26 05 19 16-0692)*

26 05 19 16-0718		MLF	12-12-12 Cable SEU Copper	2,592.87	878.11
26 05 19 16-0719		MLF	10-10-10 Cable SEU Copper	3,204.62	997.51
26 05 19 16-0720		MLF	8-8-8 Cable SEU Copper	3,928.79	1,117.02
26 05 19 16-0721		MLF	6-6-8 Cable SEU Copper	4,673.27	1,197.52
26 05 19 16-0722		MLF	6-6-6 Cable SEU Copper	5,003.34	1,237.62
26 05 19 16-0723		MLF	4-4-6 Cable SEU Copper	6,028.11	1,357.12
26 05 19 16-0724		MLF	4-4-4 Cable SEU Copper	6,464.77	1,397.12
26 05 19 16-0725		MLF	3-3-5 Cable SEU Copper	7,475.47	1,516.03
26 05 19 16-0726		MLF	3-3-3 Cable SEU Copper	7,933.60	1,596.03
26 05 19 16-0727		MLF	2-2-4 Cable SEU Copper	8,461.96	1,676.53
26 05 19 16-0728		MLF	2-2-2 Cable SEU Copper	9,030.20	1,756.23
26 05 19 16-0729		MLF	1-1-1 Cable SEU Copper	10,981.76	1,995.03
26 05 19 16-0730		MLF	1/0-1/0-1/0 Cable SEU Copper	13,005.48	2,236.63
26 05 19 16-0731		MLF	2/0-2/0-2/0 Cable SEU Copper	15,580.65	2,519.03
26 05 19 16-0732		MLF	3/0-3/0-3/0 Cable SEU Copper	18,639.96	2,802.02
26 05 19 16-0733		MLF	4/0-4/0-4/0 Cable SEU Copper	20,829.14	3,127.01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0734		**SEU Cable Aluminum, 3 Conductor** *(26 05 19 16-0692)*		
26 05 19 16-0735	MLF	8-8-8 Cable SEU Aluminum	3,173.86	1,120.81
26 05 19 16-0736	MLF	6-6-6 Cable SEU Aluminum	3,556.83	1,231.53
26 05 19 16-0737	MLF	4-4-6 Cable SEU Aluminum	3,948.02	1,348.05
26 05 19 16-0738	MLF	4-4-4 Cable SEU Aluminum	4,125.34	1,405.00
26 05 19 16-0739	MLF	2-2-4 Cable SEU Aluminum	4,911.37	1,662.56
26 05 19 16-0740	MLF	2-2-2 Cable SEU Aluminum	5,193.96	1,750.04
26 05 19 16-0741	MLF	1-1-1 Cable SEU Aluminum	6,097.28	1,995.03
26 05 19 16-0742	MLF	1/0-1/0-2 Cable SEU Aluminum	6,438.67	2,100.07
26 05 19 16-0743	MLF	1/0-1/0-1/0 Cable SEU Aluminum	7,381.69	2,216.68
26 05 19 16-0744	MLF	2/0-2/0-1 Cable SEU Aluminum	7,274.90	2,375.09
26 05 19 16-0745	MLF	2/0-2/0-2/0 Cable SEU Aluminum	7,665.11	2,493.80
26 05 19 16-0746	MLF	3/0-3/0-1/0 Cable SEU Aluminum	8,210.75	2,611.30
26 05 19 16-0747	MLF	3/0-3/0-3/0 Cable SEU Aluminum	8,754.02	2,770.90
26 05 19 16-0748	MLF	4/0-4/0-2/0 Cable SEU Aluminum	9,334.95	2,995.54
26 05 19 16-0749	MLF	4/0-4/0-4/0 Cable SEU Aluminum	9,797.55	3,117.24
26 05 19 16-0750		**SER Cable Copper, 4 Conductor** *(26 05 19 16-0692)*		
26 05 19 16-0751	MLF	6-6-6-6 Cable SER Copper	7,857.28	1,437.32
26 05 19 16-0752	MLF	4-4-4-6 Cable SER Copper	10,035.94	1,556.22
26 05 19 16-0753	MLF	3-3-3-5 Cable SER Copper	11,760.46	1,756.23
26 05 19 16-0754	MLF	2-2-2-4 Cable SER Copper	13,684.51	1,914.63
26 05 19 16-0755	MLF	1-1-1-3 Cable SER Copper	16,622.68	2,192.35
26 05 19 16-0756	MLF	1/0-1/0-1/0-2 Cable SER Copper	21,056.13	2,512.64
26 05 19 16-0757	MLF	2/0-2/0-2/0-1 Cable SER Copper	25,055.12	2,710.65
26 05 19 16-0758	MLF	3/0-3/0-3/0-1/0 Cable SER Copper	30,145.05	3,031.95
26 05 19 16-0759		**Control Tray Cable, Low Voltage** *(26 05 19 16-0011)*		
		Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
26 05 19 16-0760	MLF	2 Conductor #18 AWG, Stranded, Type TC Control Cable	936.01	442.38
		For Work In Restricted Working Space, Add	*221.19*	
26 05 19 16-0761	MLF	3 Conductor #18 AWG, Stranded, Type TC Control Cable	1,080.24	494.86
		For Work In Restricted Working Space, Add	*247.43*	
26 05 19 16-0762	MLF	4 Conductor #18 AWG, Stranded, Type TC Control Cable	1,132.29	494.82
		For Work In Restricted Working Space, Add	*247.43*	
26 05 19 16-0763	MLF	5 Conductor #18 AWG, Stranded, Type TC Control Cable	1,417.64	620.65
		For Work In Restricted Working Space, Add	*310.32*	
26 05 19 16-0764	MLF	7 Conductor #18 AWG, Stranded, Type TC Control Cable	1,785.69	756.31
		For Work In Restricted Working Space, Add	*378.16*	
26 05 19 16-0765	MLF	9 Conductor #18 AWG, Stranded, Type TC Control Cable	2,039.06	831.69
		For Work In Restricted Working Space, Add	*415.85*	
26 05 19 16-0766	MLF	12 Conductor #18 AWG, Stranded, Type TC Control Cable	2,426.63	945.01
		For Work In Restricted Working Space, Add	*472.50*	
26 05 19 16-0767	MLF	15 Conductor #18 AWG, Stranded, Type TC Control Cable	3,070.05	1,155.07
		For Work In Restricted Working Space, Add	*577.53*	
26 05 19 16-0768	MLF	19 Conductor #18 AWG, Stranded, Type TC Control Cable	3,510.09	1,260.12
		For Work In Restricted Working Space, Add	*630.06*	
26 05 19 16-0769	MLF	25 Conductor #18 AWG, Stranded, Type TC Control Cable	4,162.42	1,299.51
		For Work In Restricted Working Space, Add	*649.76*	
26 05 19 16-0770	MLF	30 Conductor #18 AWG, Stranded, Type TC Control Cable	5,104.45	1,623.44
		For Work In Restricted Working Space, Add	*811.72*	
26 05 19 16-0771	MLF	37 Conductor #18 AWG, Stranded, Type TC Control Cable	6,123.88	1,897.29
		For Work In Restricted Working Space, Add	*948.65*	
26 05 19 16-0772	MLF	2 Conductor #16 AWG, Stranded, Type TC Control Cable	1,024.45	466.00
		For Work In Restricted Working Space, Add	*232.82*	
26 05 19 16-0773	MLF	3 Conductor #16 AWG, Stranded, Type TC Control Cable	1,187.52	520.90
		For Work In Restricted Working Space, Add	*260.45*	
26 05 19 16-0774	MLF	4 Conductor #16 AWG, Stranded, Type TC Control Cable	1,383.89	599.69
		For Work In Restricted Working Space, Add	*299.84*	
26 05 19 16-0775	MLF	5 Conductor #16 AWG, Stranded, Type TC Control Cable	1,567.88	653.31
		For Work In Restricted Working Space, Add	*326.66*	
26 05 19 16-0776	MLF	7 Conductor #16 AWG, Stranded, Type TC Control Cable	1,983.32	796.12
		For Work In Restricted Working Space, Add	*398.06*	
26 05 19 16-0777	MLF	9 Conductor #16 AWG, Stranded, Type TC Control Cable	2,275.24	875.46
		For Work In Restricted Working Space, Add	*437.73*	
26 05 19 16-0778	MLF	12 Conductor #16 AWG, Stranded, Type TC Control Cable	2,722.42	994.74
		For Work In Restricted Working Space, Add	*497.37*	
26 05 19 16-0779	MLF	15 Conductor #16 AWG, Stranded, Type TC Control Cable	3,457.52	1,215.80
		For Work In Restricted Working Space, Add	*607.90*	
26 05 19 16-0780	MLF	19 Conductor #16 AWG, Stranded, Type TC Control Cable	3,972.91	1,326.32
		For Work In Restricted Working Space, Add	*663.16*	
26 05 19 16-0781	MLF	25 Conductor #16 AWG, Stranded, Type TC Control Cable	4,775.56	1,367.91
		For Work In Restricted Working Space, Add	*683.96*	
26 05 19 16-0782	MLF	30 Conductor #16 AWG, Stranded, Type TC Control Cable	5,846.38	1,708.79
		For Work In Restricted Working Space, Add	*854.39*	
26 05 19 16-0783	MLF	37 Conductor #16 AWG, Stranded, Type TC Control Cable	7,030.74	1,997.14
		For Work In Restricted Working Space, Add	*998.57*	
26 05 19 16-0784	MLF	2 Conductor #14 AWG, Stranded, Type TC Control Cable	1,112.32	486.43
		For Work In Restricted Working Space, Add	*243.21*	
26 05 19 16-0785	MLF	3 Conductor #14 AWG, Stranded, Type TC Control Cable	1,331.83	547.17
		For Work In Restricted Working Space, Add	*273.58*	
26 05 19 16-0786	MLF	4 Conductor #14 AWG, Stranded, Type TC Control Cable	1,562.78	625.41
		For Work In Restricted Working Space, Add	*312.71*	
26 05 19 16-0787	MLF	5 Conductor #14 AWG, Stranded, Type TC Control Cable	1,761.31	673.56
		For Work In Restricted Working Space, Add	*336.78*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0788		MLF	7 Conductor #14 AWG, Stranded, Type TC Control Cable	2,351.93	825.67
			For Work In Restricted Working Space, Add	*412.84*	
26 05 19 16-0789		MLF	9 Conductor #14 AWG, Stranded, Type TC Control Cable	2,714.84	911.94
			For Work In Restricted Working Space, Add	*456.06*	
26 05 19 16-0790		MLF	12 Conductor #14 AWG, Stranded, Type TC Control Cable	3,340.29	1,017.72
			For Work In Restricted Working Space, Add	*508.86*	
26 05 19 16-0791		MLF	15 Conductor #14 AWG, Stranded, Type TC Control Cable	3,989.78	1,215.62
			For Work In Restricted Working Space, Add	*607.90*	
26 05 19 16-0792		MLF	19 Conductor #14 AWG, Stranded, Type TC Control Cable	6,801.05	1,412.60
			For Work In Restricted Working Space, Add	*706.12*	
26 05 19 16-0793		MLF	25 Conductor #14 AWG, Stranded, Type TC Control Cable	5,994.01	1,651.52
			For Work In Restricted Working Space, Add	*825.94*	
26 05 19 16-0794		MLF	30 Conductor #14 AWG, Stranded, Type TC Control Cable	6,973.89	1,845.58
			For Work In Restricted Working Space, Add	*922.79*	
26 05 19 16-0795		MLF	37 Conductor #14 AWG, Stranded, Type TC Control Cable	8,407.68	2,156.91
			For Work In Restricted Working Space, Add	*1,078.46*	
26 05 19 16-0796		MLF	2 Conductor #12 AWG, Stranded, Type TC Control Cable	1,299.88	520.90
			For Work In Restricted Working Space, Add	*260.45*	
26 05 19 16-0797		MLF	3 Conductor #12 AWG, Stranded, Type TC Control Cable	1,557.58	576.34
			For Work In Restricted Working Space, Add	*288.08*	
26 05 19 16-0798		MLF	4 Conductor #12 AWG, Stranded, Type TC Control Cable	1,897.75	663.17
			For Work In Restricted Working Space, Add	*331.58*	
26 05 19 16-0799		MLF	5 Conductor #12 AWG, Stranded, Type TC Control Cable	2,152.21	705.84
			For Work In Restricted Working Space, Add	*352.92*	
26 05 19 16-0800		MLF	7 Conductor #12 AWG, Stranded, Type TC Control Cable	2,845.58	841.54
			For Work In Restricted Working Space, Add	*420.77*	
26 05 19 16-0801		MLF	9 Conductor #12 AWG, Stranded, Type TC Control Cable	3,514.90	994.74
			For Work In Restricted Working Space, Add	*497.37*	
26 05 19 16-0802		MLF	12 Conductor #12 AWG, Stranded, Type TC Control Cable	4,283.29	1,122.24
			For Work In Restricted Working Space, Add	*561.11*	
26 05 19 16-0803		MLF	15 Conductor #12 AWG, Stranded, Type TC Control Cable	5,102.79	1,287.48
			For Work In Restricted Working Space, Add	*643.74*	
26 05 19 16-0804		MLF	19 Conductor #12 AWG, Stranded, Type TC Control Cable	6,039.68	1,459.29
			For Work In Restricted Working Space, Add	*729.64*	
26 05 19 16-0805		MLF	25 Conductor #12 AWG, Stranded, Type TC Control Cable	7,751.13	1,705.51
			For Work In Restricted Working Space, Add	*852.75*	
26 05 19 16-0806		MLF	30 Conductor #12 AWG, Stranded, Type TC Control Cable	8,974.17	1,993.32
			For Work In Restricted Working Space, Add	*996.66*	
26 05 19 16-0807		MLF	37 Conductor #12 AWG, Stranded, Type TC Control Cable	10,861.61	2,329.82
			For Work In Restricted Working Space, Add	*1,164.91*	
26 05 19 16-0808		MLF	2 Conductor #10 AWG, Stranded, Type TC Control Cable	1,556.57	547.17
			For Work In Restricted Working Space, Add	*273.58*	
26 05 19 16-0809		MLF	3 Conductor #10 AWG, Stranded, Type TC Control Cable	1,951.63	600.05
			For Work In Restricted Working Space, Add	*299.84*	
26 05 19 16-0810		MLF	4 Conductor #10 AWG, Stranded, Type TC Control Cable	2,381.86	683.95
			For Work In Restricted Working Space, Add	*341.98*	
26 05 19 16-0811		MLF	5 Conductor #10 AWG, Stranded, Type TC Control Cable	2,774.23	741.95
			For Work In Restricted Working Space, Add	*370.98*	
26 05 19 16-0812		MLF	7 Conductor #10 AWG, Stranded, Type TC Control Cable	3,763.96	931.27
			For Work In Restricted Working Space, Add	*465.64*	
26 05 19 16-0813		MLF	9 Conductor #10 AWG, Stranded, Type TC Control Cable	4,469.51	1,042.35
			For Work In Restricted Working Space, Add	*521.17*	
26 05 19 16-0814		MLF	12 Conductor #10 AWG, Stranded, Type TC Control Cable	5,208.06	1,215.80
			For Work In Restricted Working Space, Add	*607.90*	
26 05 19 16-0815		MLF	15 Conductor #10 AWG, Stranded, Type TC Control Cable	6,161.34	1,390.34
			For Work In Restricted Working Space, Add	*695.17*	
26 05 19 16-0816		MLF	19 Conductor #10 AWG, Stranded, Type TC Control Cable	7,316.19	1,575.83
			For Work In Restricted Working Space, Add	*787.92*	
26 05 19 16-0817		MLF	25 Conductor #10 AWG, Stranded, Type TC Control Cable	9,450.79	1,841.75
			For Work In Restricted Working Space, Add	*920.87*	
26 05 19 16-0818		MLF	30 Conductor #10 AWG, Stranded, Type TC Control Cable	10,935.14	2,152.54
			For Work In Restricted Working Space, Add	*1,076.27*	
26 05 19 16-0819		MLF	37 Conductor #10 AWG, Stranded, Type TC Control Cable	13,266.15	2,516.40
			For Work In Restricted Working Space, Add	*1,258.20*	

26 05 19 16-0820 Single Conductor Installed On Poles *(26 05 19 16-0011)*

26 05 19 16-0821 Bare Stranded Conductor *(26 05 19 16-0820)*

26 05 19 16-0822		MLF	#12 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,113.50	381.54
26 05 19 16-0823		MLF	#10 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,288.19	415.87
26 05 19 16-0824		MLF	#8 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,464.01	450.62
26 05 19 16-0825		MLF	#6 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,758.50	485.58
26 05 19 16-0826		MLF	#4 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	2,101.43	520.64
26 05 19 16-0827		MLF	#2 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	2,945.80	624.48
26 05 19 16-0828		MLF	#1 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	3,372.51	693.68
26 05 19 16-0829		MLF	#1/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	3,832.83	761.62
26 05 19 16-0830		MLF	#2/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	5,078.01	903.33
26 05 19 16-0831		MLF	#3/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	6,131.77	1,038.58
26 05 19 16-0832		MLF	#4/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	6,614.25	1,177.07
26 05 19 16-0833		MLF	250 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	8,318.23	1,387.24
26 05 19 16-0834		MLF	300 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	8,530.69	1,460.28
26 05 19 16-0835		MLF	350 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	10,495.75	1,529.26
26 05 19 16-0836		MLF	400 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	11,547.12	1,592.00
26 05 19 16-0837		MLF	500 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	13,358.40	1,659.94

26 05 19 16-0838 Insulated Stranded Conductor *(26 05 19 16-0820)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0839	MLF	#12 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,187.57	381.54
26 05 19 16-0840	MLF	#10 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,383.76	415.87
26 05 19 16-0841	MLF	#8 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,652.68	450.62
26 05 19 16-0842	MLF	#6 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,794.21	485.58
26 05 19 16-0843	MLF	#4 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	2,155.92	520.64
26 05 19 16-0844	MLF	#2 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	2,867.11	624.48
26 05 19 16-0845	MLF	#1 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	3,364.66	693.68
26 05 19 16-0846	MLF	#1/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	3,942.40	761.62
26 05 19 16-0847	MLF	#2/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	4,741.56	903.33
26 05 19 16-0848	MLF	#3/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	5,662.79	1,038.58
26 05 19 16-0849	MLF	#4/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	6,650.84	1,177.07
26 05 19 16-0850	MLF	250 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	8,094.38	1,387.24
26 05 19 16-0851	MLF	300 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	9,123.22	1,460.28
26 05 19 16-0852	MLF	350 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	9,967.20	1,529.26
26 05 19 16-0853	MLF	400 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	11,108.88	1,592.00
26 05 19 16-0854	MLF	500 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	12,426.27	1,659.94

26 05 19 16-0855 Bare Solid Conductor *(26 05 19 16-0820)*

26 05 19 16-0856	MLF	#12 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,113.50	381.54
26 05 19 16-0857	MLF	#8 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,464.01	450.62
26 05 19 16-0858	MLF	#6 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,758.50	485.58
26 05 19 16-0859	MLF	#4 AWG 1/c Bare Solid Copper Cable, Installed On Poles	2,078.92	520.64

26 05 23 Control-Voltage Electrical Power Cables *(26 05)*

26 05 23 00-0001 Cable For HVAC System Controls *(26 05 23)*

26 05 23 00-0002 Low Voltage Thermostat Cable To 300 Volts *(26 05 23 00-0001)*

Note: For surface or conduit installation.

26 05 23 00-0003	MLF	#20/2 Conductor, Low Volt Thermostat Cable	366.25	116.27
26 05 23 00-0004	MLF	#20/3 Conductor, Low Volt Thermostat Cable	411.08	122.47
26 05 23 00-0005	MLF	#20/4 Conductor, Low Volt Thermostat Cable	443.28	129.50
26 05 23 00-0006	MLF	#20/5 Conductor, Low Volt Thermostat Cable	516.42	134.97
26 05 23 00-0007	MLF	#20/6 Conductor, Low Volt Thermostat Cable	539.93	141.35
26 05 23 00-0008	MLF	#20/7 Conductor, Low Volt Thermostat Cable	589.67	147.23
26 05 23 00-0009	MLF	#20/8 Conductor, Low Volt Thermostat Cable	633.54	153.12
26 05 23 00-0010	MLF	#20/9 Conductor, Low Volt Thermostat Cable	682.98	159.22
26 05 23 00-0011	MLF	#20/10 Conductor, Low Volt Thermostat Cable	729.74	164.00
26 05 23 00-0012	MLF	#18/2 Conductor, Low Volt Thermostat Cable	390.84	116.27
26 05 23 00-0013	MLF	#18/3 Conductor, Low Volt Thermostat Cable	454.95	122.47
26 05 23 00-0014	MLF	#18/4 Conductor, Low Volt Thermostat Cable	512.87	129.50
26 05 23 00-0015	MLF	#18/5 Conductor, Low Volt Thermostat Cable	545.15	134.97
26 05 23 00-0016	MLF	#18/6 Conductor, Low Volt Thermostat Cable	597.64	141.35
26 05 23 00-0017	MLF	#18/7 Conductor, Low Volt Thermostat Cable	616.17	147.23
26 05 23 00-0018	MLF	#18/8 Conductor, Low Volt Thermostat Cable	673.97	153.12
26 05 23 00-0019	MLF	#18/9 Conductor, Low Volt Thermostat Cable	780.00	159.22
26 05 23 00-0020	MLF	#18/10 Conductor, Low Volt Thermostat Cable	849.41	164.00

26 05 26 Grounding And Bonding For Electrical Systems *(26 05)*

26 05 26 00-0001 Conductors, Straps And Conduit Jumpers *(26 05 26)*

26 05 26 00-0002 Single Conductor *(26 05 26 00-0001)*

26 05 26 00-0003 Copper Bare Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0004	MLF	12 AWG Copper Bare Single Stranded Conductor	479.39	185.97
26 05 26 00-0005	MLF	10 AWG Copper Bare Single Stranded Conductor	624.50	185.97
26 05 26 00-0006	MLF	8 AWG Copper Bare Single Stranded Conductor	770.37	224.01
26 05 26 00-0007	MLF	6 AWG Copper Bare Single Stranded Conductor	1,041.73	224.01
26 05 26 00-0008	MLF	4 AWG Copper Bare Single Stranded Conductor	1,383.13	270.51
26 05 26 00-0009	MLF	2 AWG Copper Bare Single Stranded Conductor	2,147.97	270.51
26 05 26 00-0010	MLF	1 AWG Copper Bare Single Stranded Conductor	2,478.82	325.46
26 05 26 00-0011	MLF	1/0 AWG Copper Bare Single Stranded Conductor	2,905.23	325.46
26 05 26 00-0012	MLF	2/0 AWG Copper Bare Single Stranded Conductor	4,046.30	409.99
26 05 26 00-0013	MLF	3/0 AWG Copper Bare Single Stranded Conductor	4,976.17	409.99
26 05 26 00-0014	MLF	4/0 AWG Copper Bare Single Stranded Conductor	5,295.25	545.24
26 05 26 00-0015	MLF	250 MCM Copper Bare Single Stranded Conductor	6,772.52	545.24
26 05 26 00-0016	MLF	300 MCM Copper Bare Single Stranded Conductor	6,805.22	629.77
26 05 26 00-0017	MLF	350 MCM Copper Bare Single Stranded Conductor	9,127.20	629.77
26 05 26 00-0018	MLF	500 MCM Copper Bare Single Stranded Conductor	12,431.05	777.71

26 05 26 00-0019 Copper Insulated Single Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0020	MLF	12 AWG Copper Insulated Single Stranded Conductor	869.20	253.60
26 05 26 00-0021	MLF	10 AWG Copper Insulated Single Stranded Conductor	933.61	253.60
26 05 26 00-0022	MLF	8 AWG Copper Insulated Single Stranded Conductor	1,189.80	253.60
26 05 26 00-0023	MLF	6 AWG Copper Insulated Single Stranded Conductor	1,357.73	439.58
26 05 26 00-0024	MLF	4 AWG Copper Insulated Single Stranded Conductor	1,822.84	439.58
26 05 26 00-0025	MLF	2 AWG Copper Insulated Single Stranded Conductor	2,557.85	439.58
26 05 26 00-0026	MLF	1 AWG Copper Insulated Single Stranded Conductor	3,083.22	769.26
26 05 26 00-0027	MLF	1/0 AWG Copper Insulated Single Stranded Conductor	3,753.35	769.26
26 05 26 00-0028	MLF	2/0 AWG Copper Insulated Single Stranded Conductor	4,386.39	769.26
26 05 26 00-0029	MLF	3/0 AWG Copper Insulated Single Stranded Conductor	5,208.84	769.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0030	MLF	4/0 AWG Copper Insulated Single Stranded Conductor	6,129.60	1,005.95
26 05 26 00-0031	MLF	250 MCM Copper Insulated Single Stranded Conductor	7,390.63	1,005.95
26 05 26 00-0032	MLF	300 MCM Copper Insulated Single Stranded Conductor	8,593.49	1,005.95
26 05 26 00-0033	MLF	350 MCM Copper Insulated Single Stranded Conductor	10,095.11	1,563.87
26 05 26 00-0034	MLF	500 MCM Copper Insulated Single Stranded Conductor	13,137.37	1,563.87

26 05 26 00-0035 Copper Bare Single Solid Conductors *(26 05 26 00-0002)*

26 05 26 00-0036	MLF	12 AWG Copper Bare Single Solid Conductor	479.39	185.97
26 05 26 00-0037	MLF	10 AWG Copper Bare Single Solid Conductor	624.50	185.97
26 05 26 00-0038	MLF	8 AWG Copper Bare Single Solid Conductor	770.37	224.01
26 05 26 00-0039	MLF	6 AWG Copper Bare Single Solid Conductor	1,041.73	224.01
26 05 26 00-0040	MLF	4 AWG Copper Bare Single Solid Conductor	1,383.13	270.51
26 05 26 00-0041	MLF	2 AWG Copper Bare Single Solid Conductor	2,147.97	270.51
26 05 26 00-0042	MLF	1/0 AWG Copper Bare Single Solid Conductor	2,905.23	325.46
26 05 26 00-0043	MLF	4/0 AWG Copper Bare Single Solid Conductor	5,295.25	431.12

26 05 26 00-0044 Aluminum Bare Single Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0045	MLF	8 AWG Aluminum Bare Single Stranded Conductor	538.93	224.01
26 05 26 00-0046	MLF	6 AWG Aluminum Bare Single Stranded Conductor	588.95	224.01
26 05 26 00-0047	MLF	4 AWG Aluminum Bare Single Stranded Conductor	666.24	270.51
26 05 26 00-0048	MLF	2 AWG Aluminum Bare Single Stranded Conductor	822.72	270.51
26 05 26 00-0049	MLF	1 AWG Aluminum Bare Single Stranded Conductor	938.48	325.46
26 05 26 00-0050	MLF	1/0 AWG Aluminum Bare Single Stranded Conductor	1,074.75	325.46
26 05 26 00-0051	MLF	2/0 AWG Aluminum Bare Single Stranded Conductor	1,224.57	409.99
26 05 26 00-0052	MLF	3/0 AWG Aluminum Bare Single Stranded Conductor	1,402.76	409.99
26 05 26 00-0053	MLF	4/0 AWG Aluminum Bare Single Stranded Conductor	1,672.00	545.24
26 05 26 00-0054	MLF	250 MCM Aluminum Bare Single Stranded Conductor	1,866.14	545.24
26 05 26 00-0055	MLF	300 MCM Aluminum Bare Single Stranded Conductor	2,195.29	629.77
26 05 26 00-0056	MLF	350 MCM Aluminum Bare Single Stranded Conductor	2,477.65	629.77
26 05 26 00-0057	MLF	500 MCM Aluminum Bare Single Stranded Conductor	2,921.64	777.71

26 05 26 00-0058 Aluminum Bare Single Solid Conductors *(26 05 26 00-0002)*

26 05 26 00-0059	MLF	8 AWG Aluminum Bare Single Solid Conductor	538.93	224.01
26 05 26 00-0060	MLF	6 AWG Aluminum Bare Single Solid Conductor	588.95	224.01
26 05 26 00-0061	MLF	4 AWG Aluminum Bare Single Solid Conductor	666.24	270.51
26 05 26 00-0062	MLF	2 AWG Aluminum Bare Single Solid Conductor	822.72	270.51
26 05 26 00-0063	MLF	1 AWG Aluminum Bare Single Solid Conductor	904.36	431.12
26 05 26 00-0064	MLF	1/0 AWG Aluminum Bare Single Solid Conductor	1,074.75	431.12
26 05 26 00-0065	MLF	2/0 AWG Aluminum Bare Single Solid Conductor	1,140.06	409.99
26 05 26 00-0066	MLF	3/0 AWG Aluminum Bare Single Solid Conductor	1,232.59	409.99
26 05 26 00-0067	MLF	4/0 AWG Aluminum Bare Single Solid Conductor	1,672.00	545.24
26 05 26 00-0068	MLF	250 MCM Aluminum Bare Single Solid Conductor	1,866.14	545.24
26 05 26 00-0069	MLF	300 MCM Aluminum Bare Single Solid Conductor	2,195.29	629.77
26 05 26 00-0070	MLF	350 MCM Aluminum Bare Single Solid Conductor	2,477.65	629.77
26 05 26 00-0071	MLF	500 MCM Aluminum Bare Single Solid Conductor	2,921.64	777.71

26 05 26 00-0072 Aluminum Smooth Woven Conductors *(26 05 26 00-0002)*

26 05 26 00-0073	LF	10 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.19	0.69
26 05 26 00-0074	LF	16 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.41	0.76
26 05 26 00-0075	LF	24 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.85	0.87
26 05 26 00-0076	LF	26 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.87	0.89
26 05 26 00-0077	LF	28 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.01	0.93

26 05 26 00-0078 Copper Flexible Braid Connector Jumper Strap *(26 05 26 00-0001)*

Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.

26 05 26 00-0079	EA	100 Amp, Copper Flexible Braid Jumper Strap, 12" Length	108.17	24.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 05 26 00-0080	EA	225 Amp, Copper Flexible Braid Jumper Strap, 12" Length	183.75	29.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 05 26 00-0081	EA	225 Amp, Copper Flexible Braid Jumper Strap, 18" Length	233.35	29.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 05 26 00-0082	EA	225 Amp, Copper Flexible Braid Jumper Strap, 24" Length	282.28	29.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 05 26 00-0083	EA	400 Amp, Copper Flexible Braid Jumper Strap, 12" Length	246.74	32.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.45*	
26 05 26 00-0084	EA	400 Amp, Copper Flexible Braid Jumper Strap, 18" Length	318.10	32.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.45*	
26 05 26 00-0085	EA	400 Amp, Copper Flexible Braid Jumper Strap, 24" Length	380.11	32.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.45*	
26 05 26 00-0086	EA	600 Amp, Copper Flexible Braid Jumper Strap, 12" Length	319.48	41.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.69*	
26 05 26 00-0087	EA	800 Amp, Copper Flexible Braid Jumper Strap, 12" Length	384.30	49.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	

26 05 26 00-0088 Bonding Jumper For Metallic Conduit *(26 05 26 00-0001)*

26 05 26 00-0089	EA	1/2" To 1" Conductor, Bonding Jumper - Metallic Conduit	148.39	54.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0090	EA	1-1/4" To 2" Conductor, Bonding Jumper - Metallic Conduit	182.82	54.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.37*	
26 05 26 00-0091	EA	2-1/2" To 4" Conductor, Bonding Jumper - Metallic Conduit	263.95	84.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.34*	
26 05 26 00-0092	EA	5" To 6" Conductor, Bonding Jumper - Metallic Conduit	386.03	84.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.42*	

26 05 26 00-0093 Ground Rods *(26 05 26)*

26 05 26 00-0094 Copper-Clad Ground Rods *(26 05 26 00-0093)*

26 05 26 00-0095	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	83.47	74.81
26 05 26 00-0096	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods	86.80	74.81
26 05 26 00-0097	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods	100.24	74.81
26 05 26 00-0098	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods	98.11	74.81
26 05 26 00-0099	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods	102.27	74.81
26 05 26 00-0100	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	119.07	74.81

26 05 26 00-0101 Copper Grounding Shaft *(26 05 26 00-0093)*

26 05 26 00-0102	EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft	205.42	74.81
26 05 26 00-0103	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft	251.08	74.81
26 05 26 00-0104	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft	366.72	74.81

26 05 26 00-0105 Ground Access Wells *(26 05 26 00-0093)*

26 05 26 00-0106 Precast Ground Access Wells *(26 05 26 00-0105)*

26 05 26 00-0107	EA	8" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	185.43	74.81
26 05 26 00-0108	EA	10" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	193.61	74.81
26 05 26 00-0109	EA	12" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	519.46	74.81
26 05 26 00-0110	EA	18" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	527.64	74.81

26 05 26 00-0111 Polyvinyl Chloride (PVC) Ground Access Well *(26 05 26 00-0105)*

26 05 26 00-0112	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	423.45	74.81
26 05 26 00-0113	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	497.94	74.81
26 05 26 00-0114	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	926.53	74.81
26 05 26 00-0115	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	404.66	74.81
26 05 26 00-0116	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	306.27	74.81
26 05 26 00-0117	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	888.46	74.81
26 05 26 00-0118	EA	8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	225.94	74.81
26 05 26 00-0119	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	241.65	74.81
26 05 26 00-0120	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	255.33	74.81
26 05 26 00-0121	EA	8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	173.36	74.81
26 05 26 00-0122	EA	10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	256.80	74.81
26 05 26 00-0123	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	454.21	74.81
26 05 26 00-0124	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	604.00	74.81
26 05 26 00-0125	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	365.17	74.81
26 05 26 00-0126	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	531.22	74.81
26 05 26 00-0127	EA	10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	562.71	74.81
26 05 26 00-0128	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	685.44	74.81
26 05 26 00-0129	EA	12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	302.43	74.81
26 05 26 00-0130	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	529.73	74.81
26 05 26 00-0131	EA	12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron grate, heavy duty.	570.36	74.81

26 05 26 00-0132 Polymer Concrete Ground Access Well *(26 05 26 00-0105)*

26 05 26 00-0133	EA	12" x 12" x 12" Polymer Concrete Ground Access Well	330.75	74.81
26 05 26 00-0134	EA	12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well	361.52	74.81
26 05 26 00-0135	EA	12" x 12" x 18" Polymer Concrete Ground Access Well	363.57	74.81
26 05 26 00-0136	EA	12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well	397.38	74.81
26 05 26 00-0137	EA	12" x 12" x 24" Polymer Concrete Ground Access Well	397.62	74.81
26 05 26 00-0138	EA	12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well	434.75	74.81
26 05 26 00-0139	EA	13" x 24" x 18" Polymer Concrete Ground Access Well	525.58	74.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0140	EA	13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well	576.02	
26 05 26 00-0141		**High Density Polyethylene (HDPE) Ground Access Well** *(26 05 26 00-0105)*		
26 05 26 00-0142	EA	9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	127.83	
26 05 26 00-0143	EA	14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	176.27	
26 05 26 00-0144		**Ground Rod Clamps And Fittings** *(26 05 26)*		
26 05 26 00-0145		**Bronze Ground Rod Clamp** *(26 05 26 00-0144)*		
26 05 26 00-0146	EA	1/2" Bronze Ground Rod Clamp	19.67	11.27
26 05 26 00-0147	EA	5/8" Bronze Ground Rod Clamp	20.51	11.27
26 05 26 00-0148	EA	3/4" Bronze Ground Rod Clamp	21.71	11.27
26 05 26 00-0149		**Bronze Pipe Clamps** *(26 05 26 00-0144)*		
26 05 26 00-0150	EA	1/2" To 1" Bronze Pipe Ground Clamps	26.52	18.75
26 05 26 00-0151	EA	1-1/4" To 2" Bronze Ground Clamps For Pipe	33.43	22.44
26 05 26 00-0152	EA	2-1/2" To 3" Bronze Ground Clamps For Pipe	48.05	26.24
26 05 26 00-0153	EA	2-1/2" To 4" Bronze Ground Clamps For Pipe	59.15	33.71
26 05 26 00-0154	EA	4" To 6" Bronze Ground Clamps For Pipe	89.87	48.68
26 05 26 00-0155		**Grounding Fittings** *(26 05 26 00-0144)*		
26 05 26 00-0156		**Embedded Fittings** *(26 05 26 00-0155)*		
26 05 26 00-0157	EA	Ground Insert With 2 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded	132.40	
26 05 26 00-0158	EA	Ground Insert With 4 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded	140.01	
26 05 26 00-0159	EA	Ground Insert With 4 - 3/8 x 16 Holes 250-500 MCM Cable Range, Embedded	153.49	
26 05 26 00-0160	EA	#8 - 1 AWG, Copper To Aluminum, Grounding Wire Splice	131.30	
26 05 26 00-0161	EA	1/0 - 3/0 AWG, Copper To Aluminum, Grounding Wire Splice	157.34	
26 05 26 00-0162	EA	4/0 - 300 MCM, Copper To Aluminum, Grounding Wire Splice	184.48	
26 05 26 00-0163	EA	350 MCM And Up, Copper To Aluminum, Grounding Wire Splice	207.73	
26 05 26 00-0164		**Ground Rod Receptacle** *(26 05 26 00-0155)*		
26 05 26 00-0165	EA	1/2" Ground Rod Receptacle	285.02	103.74
26 05 26 00-0166	EA	5/8" Ground Rod Receptacle	297.55	106.67
26 05 26 00-0167	EA	3/4" Ground Rod Receptacle	310.38	109.56
26 05 26 00-0168		**Ground Kits For Circuit Breaker Panels** *(26 05 26 00-0155)*		
26 05 26 00-0169	EA	14-8 AWG Copper Ground Kit	64.20	24.94
26 05 26 00-0170	EA	12-8 AWG Aluminum Ground Kit	62.71	24.94
26 05 26 00-0171	EA	14-4 AWG Copper Ground Kit	70.59	24.94
26 05 26 00-0172	EA	12-4 AWG Aluminum Ground Kit	71.70	24.94
26 05 26 00-0173		**Insulated Grounding Bars** *(26 05 26 00-0144)*		
26 05 26 00-0174	EA	Insulated Ground Bar 1/2" x 4" x 10"	262.12	25.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.89*	
26 05 26 00-0175	EA	Insulated Ground Bar SK 9560 1/2" x 4" x 20"	274.47	25.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.89*	
26 05 26 00-0176		**Ground Conductor Bonding** *(26 05 26)*		
26 05 26 00-0177		**Ground Conductor Bonding** *(26 05 26 00-0176)*		
26 05 26 00-0178		**Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld** *(26 05 26 00-0177)*		
26 05 26 00-0179	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	111.07	
26 05 26 00-0180	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	121.03	
26 05 26 00-0181	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	131.01	
26 05 26 00-0182	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	190.86	
26 05 26 00-0183		**Tee, Wye Or Cross Cadweld** *(26 05 26 00-0177)*		
26 05 26 00-0184	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	126.02	
26 05 26 00-0185	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	145.97	
26 05 26 00-0186	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	180.89	
26 05 26 00-0187	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	220.78	
26 05 26 00-0188		**Grounding Equipment** *(26 05 26)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0189		Special Grounding Equipment *(26 05 26 00-0188)*		
26 05 26 00-0190		Ground Reels And Ground Bus *(26 05 26 00-0189)*		
26 05 26 00-0191	EA	Ground Reel With 50' Of Galvanized Steel Cable	590.47	
26 05 26 00-0192		Copper Bars *(26 05 26 00-0189)*		
26 05 26 00-0193	LF	1/4" x 2" Copper Bar	34.50	
26 05 26 00-0194		Phenolic Insulators *(26 05 26 00-0189)*		
26 05 26 00-0195	EA	2" x 2" x 1" Long Phenolic Insulators	25.68	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 26 00-0196		Grounding Studs *(26 05 26 00-0189)*		
26 05 26 00-0197	EA	Ball Grounding Stud	37.27	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.93*	
26 05 26 00-0198		Equipment Ground Bar Kits *(26 05 26 00-0189)*		
26 05 26 00-0199	EA	Switch Rating 30 Ground Bar Kit	28.55	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 26 00-0200	EA	Switch Rating 60 Ground Bar Kit	36.09	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.58*	
26 05 26 00-0201	EA	Switch Rating 100 Ground Bar Kit	42.00	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 26 00-0202	EA	Switch Rating 200 Ground Bar Kit	71.45	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 05 26 00-0203		Panelboard Ground Bar Kits *(26 05 26 00-0189)*		
26 05 26 00-0204	EA	Panelboard Ground Bar Kit	101.64	7.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 26 00-0205		Circuit Breaker Ground Bar Kits *(26 05 26 00-0189)*		
26 05 26 00-0206	EA	3 Circuit, Ground Bar Kit	23.56	4.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 26 00-0207	EA	4 Circuit, Ground Bar Kit	23.16	4.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 26 00-0208	EA	7 Circuit, Ground Bar Kit	23.82	4.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 26 00-0209	EA	12 Circuit, Ground Bar Kit	27.01	5.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.09*	
26 05 26 00-0210	EA	20 Circuit, Ground Bar Kit	30.73	5.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 26 00-0211	EA	24 Circuit, Ground Bar Kit	33.91	6.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 05 26 00-0212	EA	30 Circuit, Ground Bar Kit	37.96	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.18*	
26 05 26 00-0213	EA	54 Circuit, Ground Bar Kit	43.93	8.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.38*	
26 05 26 00-0214	EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	47.26	6.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 05 26 00-0215	EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	52.37	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.18*	
26 05 26 00-0216	EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	58.48	8.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.38*	

26 05 29 Hangers And Supports For Electrical Systems *(26 05)*

26 05 29 00-0001		Metal Framing Channel And Fittings *(26 05 29)*		
26 05 29 00-0002		Metal Framing Channel *(26 05 29 00-0001)* Note: Excludes fasteners and accessories.		
26 05 29 00-0003		14 Gauge Metal Framing Channels *(26 05 29 00-0002)*		
26 05 29 00-0004		14 Gauge, Steel Unistrut Channel *(26 05 29 00-0003)*		
26 05 29 00-0005	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	17.00	5.47
26 05 29 00-0006	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	18.50	5.47
26 05 29 00-0007	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	8.35	2.05
26 05 29 00-0008		14 Gauge, 304 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*		
26 05 29 00-0009	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	27.81	5.47
26 05 29 00-0010	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	30.58	5.47
26 05 29 00-0011	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	40.12	5.47
26 05 29 00-0012	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	45.64	5.47
26 05 29 00-0013	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	19.15	2.06
26 05 29 00-0014	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	21.92	2.06
26 05 29 00-0015		14 Gauge, 316 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0016	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	39.74	5.47
26 05 29 00-0017	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	63.97	5.47
26 05 29 00-0018	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	31.08	2.06
26 05 29 00-0019		12 Gauge Metal Framing Channels *(26 05 29 00-0002)*		
26 05 29 00-0020		12 Gauge, Steel Unistrut Channel *(26 05 29 00-0019)*		
26 05 29 00-0021	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	18.03	5.47
26 05 29 00-0022	EA	Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	17.69	5.47
26 05 29 00-0023	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	17.46	5.47
26 05 29 00-0024	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	20.56	5.47
26 05 29 00-0025	EA	>1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	19.86	5.47
26 05 29 00-0026	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	19.41	5.47
26 05 29 00-0027	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	9.38	2.05
26 05 29 00-0028	LF	>2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	9.04	2.05
26 05 29 00-0029	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	8.81	2.05
26 05 29 00-0030		12 Gauge, 304 Stainless Steel Unistrut Channel *(26 05 29 00-0019)*		
26 05 29 00-0031	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	31.49	5.47
26 05 29 00-0032	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	36.26	5.47
26 05 29 00-0033	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	47.47	5.47
26 05 29 00-0034	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	57.00	5.47
26 05 29 00-0035	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	22.84	2.05
26 05 29 00-0036	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	27.61	2.05
26 05 29 00-0037		Metal Framing Channel Fittings *(26 05 29 00-0001)*		
26 05 29 00-0038		Unistrut Channel Closure Strips And Caps *(26 05 29 00-0037)*		
26 05 29 00-0039		Steel Unistrut Channel Closure Strips And Caps *(26 05 29 00-0038)*		
26 05 29 00-0040	LF	Steel Raceway Closure Strip, Unistrut Channel Fittings	4.53	0.50
26 05 29 00-0041	EA	Steel End Cap, Unistrut Channel Fittings	11.38	5.00
26 05 29 00-0042		Stainless Steel Unistrut Channel Closure Strips And Caps *(26 05 29 00-0038)*		
26 05 29 00-0043	EA	Stainless Steel End Cap For Unistrut Channel	17.12	5.00
26 05 29 00-0044		Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0045		Steel Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0044)*		
26 05 29 00-0046	EA	2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	4.67	
26 05 29 00-0047	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	4.64	
26 05 29 00-0048	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	5.56	
26 05 29 00-0049		Stainless Steel Flat Splice Plate, Unistrut Channel Fittings *(26 05 29 00-0044)*		
26 05 29 00-0050	EA	2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	13.54	
26 05 29 00-0051	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	20.01	
26 05 29 00-0052	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	25.50	
26 05 29 00-0053		90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0054		Steel 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0053)*		
26 05 29 00-0055	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting	4.54	
26 05 29 00-0056	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting	3.87	
26 05 29 00-0057	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	6.36	
26 05 29 00-0058	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	6.28	
26 05 29 00-0059		Stainless Steel 90 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0053)*		
26 05 29 00-0060	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	7.86	
26 05 29 00-0061	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	9.76	
26 05 29 00-0062	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	8.31	
26 05 29 00-0063	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	11.70	
26 05 29 00-0064	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	10.72	
26 05 29 00-0065	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	19.57	
26 05 29 00-0066	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	11.26	
26 05 29 00-0067	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	16.21	
26 05 29 00-0068		60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0069		Steel 60 Degree Angle, Unistrut Channel Fittings *(26 05 29 00-0068)*		
26 05 29 00-0070	EA	2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting	8.91	
26 05 29 00-0071		U-Connector, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0072		Steel, U-Connector, Unistrut Channel Fittings *(26 05 29 00-0071)*		
26 05 29 00-0073	EA	3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting	3.43	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0074	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting	3.78	
26 05 29 00-0075		Stainless Steel, U-Connector, Unistrut Channel Fittings *(26 05 29 00-0071)*		
26 05 29 00-0076	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting	16.10	
26 05 29 00-0077		Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0078		Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0077)*		
26 05 29 00-0079	EA	3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting	9.13	
26 05 29 00-0080		Stainless Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0077)*		
26 05 29 00-0081	EA	3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting	31.07	
26 05 29 00-0082		Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0037)* Note: Includes hex screw and nut.		
26 05 29 00-0083		Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0084	EA	1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.98	1.49
26 05 29 00-0085	EA	3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.99	1.49
26 05 29 00-0086	EA	1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	4.07	1.49
26 05 29 00-0087	EA	1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.17	2.00
26 05 29 00-0088	EA	1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.57	2.00
26 05 29 00-0089	EA	2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.61	2.00
26 05 29 00-0090	EA	2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.91	2.50
26 05 29 00-0091	EA	3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.26	2.50
26 05 29 00-0092	EA	3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.60	2.50
26 05 29 00-0093	EA	4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.72	2.50
26 05 29 00-0094		304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0095	EA	1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.48	1.49
26 05 29 00-0096	EA	3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.20	1.49
26 05 29 00-0097	EA	1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.92	1.49
26 05 29 00-0098	EA	1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.86	2.00
26 05 29 00-0099	EA	1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	11.87	2.00
26 05 29 00-0100	EA	2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	12.40	2.00
26 05 29 00-0101	EA	2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	14.91	2.50
26 05 29 00-0102	EA	3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	16.70	2.50
26 05 29 00-0103	EA	3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	17.47	2.50
26 05 29 00-0104	EA	4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	20.30	2.50
26 05 29 00-0105		316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0106	EA	1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.92	1.49
26 05 29 00-0107	EA	3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.94	1.49
26 05 29 00-0108	EA	1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.23	1.49
26 05 29 00-0109	EA	1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.00	2.00
26 05 29 00-0110	EA	1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	13.52	2.00
26 05 29 00-0111	EA	2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	13.69	2.00
26 05 29 00-0112	EA	2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	16.27	2.50
26 05 29 00-0113	EA	3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	17.18	2.50
26 05 29 00-0114	EA	3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	23.65	2.50
26 05 29 00-0115	EA	4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	27.60	2.50
26 05 29 00-0116		Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0117		Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)*		
26 05 29 00-0118	EA	Set Screw Beam Clamp, Steel Unistrut Channel Fitting	28.54	9.12
26 05 29 00-0119	EA	"C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings	20.62	9.12
26 05 29 00-0120	EA	"U" Bolt Beam Clamp, Steel Unistrut Channel Fitting	27.74	9.12
26 05 29 00-0121		304 Stainless Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)*		
26 05 29 00-0122	EA	"U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting	39.65	9.12
26 05 29 00-0123		Square Washers For Unistrut Channel *(26 05 29 00-0037)*		
26 05 29 00-0124		Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)*		
26 05 29 00-0125	EA	1/2" Bolt Size, Steel, Square Washer For Unistrut Channel	3.34	
26 05 29 00-0126		Stainless Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)*		
26 05 29 00-0127	EA	1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel	3.97	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0128	EA	1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel	4.96	
26 05 29 00-0129		Strut Braces, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0130	EA	16" Diagonal Steel Bar Brace For Unistrut Channel	24.30	
26 05 29 00-0131		Trolley Hangers, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0132	EA	Steel Trolley Track Hanger For Unistrut Channel	30.37	
26 05 29 00-0133		Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0037)*		
		Note: Includes hex bolt.		
26 05 29 00-0134		Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0133)*		
		Note: Includes hex bolt.		
26 05 29 00-0135	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	6.37	
26 05 29 00-0136	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	6.85	
26 05 29 00-0137	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	7.21	
26 05 29 00-0138	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	9.17	
26 05 29 00-0139		Stainless Steel Lock Nuts With Spring For Unistrut Channel *(26 05 29 00-0133)*		
		Note: Includes hex bolt.		
26 05 29 00-0140	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	11.44	
26 05 29 00-0141	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	12.11	
26 05 29 00-0142	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	16.73	
26 05 29 00-0143	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	27.93	
26 05 29 00-0144		Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0037)*		
		Note: Includes hex bolt.		
26 05 29 00-0145		Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0144)*		
		Note: Includes hex bolt.		
26 05 29 00-0146	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	6.38	
26 05 29 00-0147	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	6.92	
26 05 29 00-0148	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	7.24	
26 05 29 00-0149	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	9.73	
26 05 29 00-0150		Stainless Steel Lock Nuts Without Spring For Unistrut Channel *(26 05 29 00-0144)*		
		Note: Includes hex bolt.		
26 05 29 00-0151	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	8.47	
26 05 29 00-0152	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	10.01	
26 05 29 00-0153	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	10.83	
26 05 29 00-0154	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	27.23	
26 05 29 00-0155		Mounting Assemblies *(26 05 29)*		
26 05 29 00-0156		Galvanized Steel Mounting Assemblies *(26 05 29 00-0155)*		
26 05 29 00-0157		Galvanized Steel Back Plate *(26 05 29 00-0156)*		
26 05 29 00-0158	EA	1/4" x 4' x 4', Galvanized Steel Back Plate, Painted	382.63	59.85
26 05 29 00-0159	EA	3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	95.61	19.95
26 05 29 00-0160	EA	3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	241.93	49.87
26 05 29 00-0161		Aluminum Mounting Assemblies *(26 05 29 00-0155)*		
26 05 29 00-0162		Aluminum Back Plate *(26 05 29 00-0161)*		
26 05 29 00-0163	EA	3/16" x 2' x 2' Aluminum Back Plate	275.71	74.81
26 05 29 00-0164	EA	3/16" x 4' x 4' Aluminum Back Plate	717.33	74.81
26 05 29 00-0165		Supports *(26 05 29)*		
26 05 29 00-0166		One Hole Steel Conduit Straps *(26 05 29 00-0165)*		
26 05 29 00-0167	EA	1/2", One Hole Steel Conduit Strap	3.56	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-1.00*	
26 05 29 00-0168	EA	3/4", One Hole Steel Conduit Strap	3.61	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-1.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0169	EA	1", One Hole Steel Conduit Strap	3.82	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0170	EA	1-1/4", One Hole Steel Conduit Strap	3.98	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.04*	
26 05 29 00-0171	EA	1-1/2", One Hole Steel Conduit Strap	4.08	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.05*	
26 05 29 00-0172	EA	2", One Hole Steel Conduit Strap	4.73	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.11*	
26 05 29 00-0173	EA	2-1/2", One Hole Steel Conduit Strap	5.40	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.18*	
26 05 29 00-0174	EA	3", One Hole Steel Conduit Strap	5.62	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.20*	
26 05 29 00-0175	EA	3-1/2", One Hole Steel Conduit Strap	6.71	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.31*	
26 05 29 00-0176	EA	4", One Hole Steel Conduit Strap	7.58	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.40*	

26 05 29 00-0177 One Hole Iron Conduit Straps *(26 05 29 00-0165)*

26 05 29 00-0178	EA	1/2", One Hole Iron Conduit Strap	3.67	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0179	EA	3/4", One Hole Iron Conduit Strap	3.77	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0180	EA	1", One Hole Iron Conduit Strap	3.96	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.04*	
26 05 29 00-0181	EA	1-1/4", One Hole Iron Conduit Strap	4.41	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.08*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0182	EA	1-1/2", One Hole Iron Conduit Strap	4.59	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.10*	
26 05 29 00-0183	EA	2", One Hole Iron Conduit Strap	5.74	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0184	EA	2-1/2", One Hole Iron Conduit Strap	8.21	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.02*	
		For >500, Deduct	*-1.46*	
26 05 29 00-0185	EA	3", One Hole Iron Conduit Strap	10.27	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.67*	
		For >250 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.67*	
26 05 29 00-0186	EA	3-1/2", One Hole Iron Conduit Strap	13.28	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.40*	
		For >500, Deduct	*-1.97*	
26 05 29 00-0187	EA	4", One Hole Iron Conduit Strap	25.32	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-3.17*	
26 05 29 00-0188	EA	5", One Hole Iron Conduit Strap	31.80	
		For Work In Restricted Working Space, Add	*0.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.88*	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.79*	
		For >500, Deduct	*-3.82*	

26 05 29 00-0189 Two Hole Steel Conduit Straps *(26 05 29 00-0165)*

26 05 29 00-0190	EA	1/2", Two Hole Steel Conduit Strap	4.06	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.12*	
26 05 29 00-0191	EA	3/4", Two Hole Steel Conduit Strap	4.13	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.13*	
26 05 29 00-0192	EA	1", Two Hole Steel Conduit Strap	4.17	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0193	EA	1-1/4", Two Hole Steel Conduit Strap	4.22	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0194	EA	1-1/2", Two Hole Steel Conduit Strap	4.26	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0195	EA	2", Two Hole Steel Conduit Strap	4.34	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.15*	
26 05 29 00-0196	EA	2-1/2", Two Hole Steel Conduit Strap	4.84	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.20*	
26 05 29 00-0197	EA	3", Two Hole Steel Conduit Strap	4.95	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.21*	
26 05 29 00-0198	EA	3-1/2", Two Hole Steel Conduit Strap	5.34	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.25*	
26 05 29 00-0199	EA	4", Two Hole Steel Conduit Strap	5.60	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.28*	
26 05 29 00-0200	EA	5", Two Hole Steel Conduit Strap	5.96	
		For Work In Restricted Working Space, Add	*1.08*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.31*	

26 05 29 00-0201 Clamp Back Spacers *(26 05 29 00-0165)*

26 05 29 00-0202	EA	1/2" Conduit, Clamp Back Spacer	3.13	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.81*	
26 05 29 00-0203	EA	3/4" Conduit, Clamp Back Spacer	3.34	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.83*	
26 05 29 00-0204	EA	1" Conduit, Clamp Back Spacer	3.53	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0205	EA	1-1/4" Conduit, Clamp Back Spacer	4.31	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.93*	
26 05 29 00-0206	EA	1-1/2" Conduit, Clamp Back Spacer	4.93	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-0.99*	
26 05 29 00-0207	EA	2" Conduit, Clamp Back Spacer	5.58	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.06*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0208	EA	2-1/2" Conduit, Clamp Back Spacer	8.22	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.32*	
26 05 29 00-0209	EA	3" Conduit, Clamp Back Spacer	11.38	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.69*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.64*	
26 05 29 00-0210	EA	3-1/2" Conduit, Clamp Back Spacer	14.45	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.40*	
		For >500, Deduct	*-1.94*	
26 05 29 00-0211	EA	4" Conduit, Clamp Back Spacer	28.87	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.57*	
		For >250 To 500, Deduct	*-2.48*	
		For >500, Deduct	*-3.39*	
26 05 29 00-0212	EA	5" Conduit, Clamp Back Spacer	53.20	
		For Work In Restricted Working Space, Add	*0.75*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.72*	
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 250, Deduct	*-2.78*	
		For >250 To 500, Deduct	*-4.30*	
		For >500, Deduct	*-5.82*	

26 05 29 00-0213 Conduit Clips *(26 05 29 00-0165)*

Note: Push in or clip.

26 05 29 00-0214	EA	1/2" Conduit Clip	3.86	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.03*	
26 05 29 00-0215	EA	3/4" Conduit Clip	3.86	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.03*	
26 05 29 00-0216	EA	1" Conduit Clip	3.81	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.02*	
26 05 29 00-0217	EA	1-1/4" Conduit Clip	3.94	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.90*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.03*	

26 05 29 00-0218 Bolt And Nut Conduit Clips *(26 05 29 00-0165)*

26 05 29 00-0219	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	4.79	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.28*	
26 05 29 00-0220	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B)	4.92	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.10*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.29*	
26 05 29 00-0221	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	5.24	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.16*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.37*	
26 05 29 00-0222	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	5.32	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.16*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0223	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B)	5.81	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.16*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.43*	
26 05 29 00-0224	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	6.26	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.22*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.03*	
		For >500, Deduct	*-1.52*	
26 05 29 00-0225	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B)	6.70	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.22*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.57*	
26 05 29 00-0226	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B)	11.30	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.35*	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-2.13*	

26 05 29 00-0227 Conduit Hanger From Flange, Wire Or Rod *(26 05 29 00-0165)*

Note: Bat wing.

26 05 29 00-0228	EA	1/2", Conduit Hanger From Flange, Wire Or Rod	2.80	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.70*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0229	EA	3/4", Conduit Hanger From Flange, Wire Or Rod	2.84	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.70*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0230	EA	1", Conduit Hanger From Flange, Wire Or Rod	2.94	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.70*	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.77*	
26 05 29 00-0231	EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod	3.18	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.70*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.80*	

26 05 29 00-0232 Beam Flange Clamps *(26 05 29 00-0165)*

Note: For threaded rod, nut not required.

26 05 29 00-0233	EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	3.86	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	
26 05 29 00-0234	EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	3.80	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	
26 05 29 00-0235	EA	9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	4.18	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.92*	

26 05 29 00-0236 T-Bar Support Clips *(26 05 29 00-0165)*

26 05 29 00-0237	EA	9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95)	6.65	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.66*	
26 05 29 00-0238	EA	15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS)	6.36	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.10*	
		For >500, Deduct	*-1.63*	
26 05 29 00-0239	EA	15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16)	2.26	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.32*	
		For >500, Deduct	*-0.47*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0240	EA	24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	16.68	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.50*	
		For >500, Deduct	*-2.07*	

26 05 29 00-0241 Switch And Outlet Box Type Supports *(26 05 29 00-0165)*

26 05 29 00-0242	EA	1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	4.50	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0243	EA	1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500)	3.88	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.79*	
26 05 29 00-0244	EA	Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	4.41	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.84*	
26 05 29 00-0245	EA	Snap On, Switch And Outlet Box Support (Caddy MSF)	3.00	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0246	EA	1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI)	3.11	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.71*	

26 05 29 00-0247 Lighting Fixture Hanger *(26 05 29 00-0165)*

Note: For existing or owner furnished fixtures.

26 05 29 00-0248	EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	4.59	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.26*	
26 05 29 00-0249	PR	Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	13.77	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.89*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.18*	
26 05 29 00-0250	PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	18.58	
		For >50 To 100, Deduct	*-0.56*	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.66*	

26 05 29 00-0251 Rigid Steel Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*

26 05 29 00-0252	EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.98	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*0.90*	
26 05 29 00-0253	EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.99	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.67*	
		For >500, Deduct	*-1.00*	
		For Work In Restricted Working Space, Add	*0.90*	
26 05 29 00-0254	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.07	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*0.90*	
26 05 29 00-0255	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.17	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.32*	
		For Work In Restricted Working Space, Add	*1.20*	
26 05 29 00-0256	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.57	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*1.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0257	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.61	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*1.20*	
26 05 29 00-0258	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.90	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.14*	
		For >500, Deduct	*-1.69*	
		For Work In Restricted Working Space, Add	*1.50*	
26 05 29 00-0259	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.25	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.72*	
		For Work In Restricted Working Space, Add	*1.50*	
26 05 29 00-0260	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.59	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.19*	
		For >500, Deduct	*-1.76*	
		For Work In Restricted Working Space, Add	*1.50*	
26 05 29 00-0261	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	7.71	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.77*	
		For Work In Restricted Working Space, Add	*1.50*	

26 05 29 00-0262 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*

26 05 29 00-0263	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	4.24	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.02*	
		For Work In Restricted Working Space, Add	*0.90*	
26 05 29 00-0264	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	4.21	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.02*	
		For Work In Restricted Working Space, Add	*0.90*	
26 05 29 00-0265	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	4.17	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.69*	
		For >500, Deduct	*-1.02*	
		For Work In Restricted Working Space, Add	*0.90*	
26 05 29 00-0266	EA	1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.49	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.35*	
		For Work In Restricted Working Space, Add	*1.20*	
26 05 29 00-0267	EA	1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	6.18	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.42*	
		For Work In Restricted Working Space, Add	*1.20*	
26 05 29 00-0268	EA	2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	6.22	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.42*	
		For Work In Restricted Working Space, Add	*1.20*	

26 05 29 00-0269 "J" Type Conduit Hangers *(26 05 29 00-0165)*

26 05 29 00-0270	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205)	17.10	
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.20*	
		For >250 To 500, Deduct	*-2.16*	
		For >500, Deduct	*-3.11*	
		For Work In Restricted Working Space, Add	*2.09*	
26 05 29 00-0271	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	17.27	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-2.17*	
		For >500, Deduct	*-3.12*	
		For Work In Restricted Working Space, Add	*2.09*	
26 05 29 00-0272	EA	1", "J" Type Conduit Hanger (Unistrut J1210)	18.44	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-2.38*	
		For >500, Deduct	*-3.44*	
		For Work In Restricted Working Space, Add	*2.39*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0273	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212)	18.63	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-2.39*	
		For >500, Deduct	*-3.46*	
		For Work In Restricted Working Space, Add	*2.39*	
26 05 29 00-0274	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215)	19.75	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.77*	
		For Work In Restricted Working Space, Add	*2.69*	
26 05 29 00-0275	EA	2", "J" Type Conduit Hanger (Unistrut J1220)	20.47	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-2.66*	
		For >500, Deduct	*-3.84*	
		For Work In Restricted Working Space, Add	*2.69*	
26 05 29 00-0276	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225)	31.74	
		For >50 To 100, Deduct	*-1.04*	
		For >100 To 250, Deduct	*-2.09*	
		For >250 To 500, Deduct	*-3.63*	
		For >500, Deduct	*-5.17*	
		For Work In Restricted Working Space, Add	*2.99*	
26 05 29 00-0277	EA	3", "J" Type Conduit Hanger (Unistrut J1230)	33.81	
		For >50 To 100, Deduct	*-1.12*	
		For >100 To 250, Deduct	*-2.24*	
		For >250 To 500, Deduct	*-3.91*	
		For >500, Deduct	*-5.58*	
		For Work In Restricted Working Space, Add	*3.29*	
26 05 29 00-0278	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235)	36.44	
		For >50 To 100, Deduct	*-1.21*	
		For >100 To 250, Deduct	*-2.42*	
		For >250 To 500, Deduct	*-4.23*	
		For >500, Deduct	*-6.04*	
		For Work In Restricted Working Space, Add	*3.59*	
26 05 29 00-0279	EA	4", "J" Type Conduit Hanger (Unistrut J1240)	47.58	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.98*	
		For >250 To 500, Deduct	*-5.06*	
		For >500, Deduct	*-7.15*	
		For Work In Restricted Working Space, Add	*3.59*	
26 05 29 00-0280	EA	5", "J" Type Conduit Hanger (Unistrut J1250)	52.22	
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 250, Deduct	*-3.26*	
		For >250 To 500, Deduct	*-5.54*	
		For >500, Deduct	*-7.81*	
		For Work In Restricted Working Space, Add	*3.89*	
26 05 29 00-0281	EA	6", "J" Type Conduit Hanger (Unistrut J1260)	72.89	
		For >50 To 100, Deduct	*-2.20*	
		For >100 To 250, Deduct	*-4.39*	
		For >250 To 500, Deduct	*-7.34*	
		For >500, Deduct	*-10.28*	
		For Work In Restricted Working Space, Add	*4.49*	

26 05 29 00-0282 Between Studs Box Brackets *(26 05 29 00-0165)*

26 05 29 00-0283	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	6.28	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.23*	
		For Work In Restricted Working Space, Add	*0.90*	
26 05 29 00-0284	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	7.41	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.34*	
		For Work In Restricted Working Space, Add	*0.90*	

26 05 29 00-0285 Hangers And Brackets *(26 05 29 00-0165)*

26 05 29 00-0286	EA	Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	2.42	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.64*	
26 05 29 00-0287	EA	Angle Bracket Only With 1/4" Hole (Caddy AB)	2.36	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.63*	
26 05 29 00-0288	EA	Offset Bracket Only With 1/4" Hole (Caddy AO)	2.36	
		For >50 To 100, Deduct	*-0.11*	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0289	EA	Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB)	3.04	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0290	EA	Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB)	3.05	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0291	EA	Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB)	2.97	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0292	EA	Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO)	3.04	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0293	EA	Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO)	3.05	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.48*	
		For >500, Deduct	*-0.70*	

26 05 29 00-0294 Clips And Accessories *(26 05 29 00-0165)*

26 05 29 00-0295	EA	1/2" Diameter Center, Bridle Ring (Caddy 2BR)	1.62	
		For >50 To 100, Deduct	*-0.07*	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.28*	
		For >500, Deduct	*-0.41*	
26 05 29 00-0296	EA	3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	1.64	
		For >50 To 100, Deduct	*-0.07*	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.28*	
		For >500, Deduct	*-0.41*	
26 05 29 00-0297	EA	1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	1.74	
		For >50 To 100, Deduct	*-0.07*	
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.29*	
		For >500, Deduct	*-0.42*	
26 05 29 00-0298	EA	2" Diameter Center, Bridle Ring (Caddy 2BR32)	1.96	
		For >50 To 100, Deduct	*-0.08*	
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.30*	
		For >500, Deduct	*-0.44*	

26 05 29 00-0299 Wire Ties *(26 05 29 00-0165)*

Note: Per hundred (C).

26 05 29 00-0300	C	3" Length, 18 LB Tensile Strength, Nylon Cable Ties	24.06	
		For Up To 0.1, Add	*20.81*	
		For >0.1 To 0.25, Add	*10.41*	
		For >0.25 To 0.75, Add	*5.20*	
		For >2.0, Deduct	*-2.08*	
		For UV Black, Add	*0.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.24*	
26 05 29 00-0301	C	4" Length, 18 LB Tensile Strength, Nylon Cable Ties	24.19	
		For Up To 0.1, Add	*20.81*	
		For >0.1 To 0.25, Add	*10.41*	
		For >0.25 To 0.75, Add	*5.20*	
		For >2.0, Deduct	*-2.08*	
		For UV Black, Add	*0.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.24*	
26 05 29 00-0302	C	4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties	24.28	
		For Up To 0.1, Add	*20.81*	
		For >0.1 To 0.25, Add	*10.41*	
		For >0.25 To 0.75, Add	*5.20*	
		For >2.0, Deduct	*-2.08*	
		For UV Black, Add	*0.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.24*	
26 05 29 00-0303	C	5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties	24.32	
		For Up To 0.1, Add	*20.81*	
		For >0.1 To 0.25, Add	*10.41*	
		For >0.25 To 0.75, Add	*5.20*	
		For >2.0, Deduct	*-2.08*	
		For UV Black, Add	*0.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.24*	
26 05 29 00-0304	C	6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties	25.25	
		For Up To 0.1, Add	*21.71*	
		For >0.1 To 0.25, Add	*10.86*	
		For >0.25 To 0.75, Add	*5.43*	
		For >2.0, Deduct	*-2.17*	
		For UV Black, Add	*0.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.51*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0305	C	8" Length, 18 LB Tensile Strength, Nylon Cable Ties	28.99	
		For Up To 0.1, Add	*22.70*	
		For >0.1 To 0.25, Add	*11.35*	
		For >0.25 To 0.75, Add	*5.68*	
		For >2.0, Deduct	*-2.27*	
		For UV Black, Add	*0.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.81*	
26 05 29 00-0306	C	4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties	27.56	
		For Up To 0.1, Add	*20.81*	
		For >0.1 To 0.25, Add	*10.41*	
		For >0.25 To 0.75, Add	*5.20*	
		For >2.0, Deduct	*-2.08*	
		For UV Black, Add	*1.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.24*	
26 05 29 00-0307	C	6" Length, 40 LB Tensile Strength, Nylon Cable Ties	28.51	
		For Up To 0.1, Add	*21.71*	
		For >0.1 To 0.25, Add	*10.86*	
		For >0.25 To 0.75, Add	*5.43*	
		For >2.0, Deduct	*-2.17*	
		For UV Black, Add	*1.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.51*	
26 05 29 00-0308	C	8" Length, 40 LB Tensile Strength, Nylon Cable Ties	29.54	
		For Up To 0.1, Add	*22.70*	
		For >0.1 To 0.25, Add	*11.35*	
		For >0.25 To 0.75, Add	*5.68*	
		For >2.0, Deduct	*-2.27*	
		For UV Black, Add	*1.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.81*	
26 05 29 00-0309	C	10" Length, 40 LB Tensile Strength, Nylon Cable Ties	40.25	
		For Up To 0.1, Add	*24.48*	
		For >0.1 To 0.25, Add	*12.24*	
		For >0.25 To 0.75, Add	*6.12*	
		For >2.0, Deduct	*-2.45*	
		For UV Black, Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.34*	
26 05 29 00-0310	C	11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties	41.67	
		For Up To 0.1, Add	*24.48*	
		For >0.1 To 0.25, Add	*12.24*	
		For >0.25 To 0.75, Add	*6.12*	
		For >2.0, Deduct	*-2.45*	
		For UV Black, Add	*2.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.34*	
26 05 29 00-0311	C	7" Length, 50 LB Tensile Strength, Nylon Cable Ties	30.53	
		For Up To 0.1, Add	*22.70*	
		For >0.1 To 0.25, Add	*11.35*	
		For >0.25 To 0.75, Add	*5.68*	
		For >2.0, Deduct	*-2.27*	
		For UV Black, Add	*1.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.81*	
26 05 29 00-0312	C	8" Length, 50 LB Tensile Strength, Nylon Cable Ties	29.27	
		For Up To 0.1, Add	*22.70*	
		For >0.1 To 0.25, Add	*11.35*	
		For >0.25 To 0.75, Add	*5.68*	
		For >2.0, Deduct	*-2.27*	
		For UV Black, Add	*0.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.81*	
26 05 29 00-0313	C	11" Length, 50 LB Tensile Strength, Nylon Cable Ties	40.64	
		For Up To 0.1, Add	*24.48*	
		For >0.1 To 0.25, Add	*12.24*	
		For >0.25 To 0.75, Add	*6.12*	
		For >2.0, Deduct	*-2.45*	
		For UV Black, Add	*2.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.34*	
26 05 29 00-0314	C	14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties	45.88	
		For Up To 0.1, Add	*26.01*	
		For >0.1 To 0.25, Add	*13.01*	
		For >0.25 To 0.75, Add	*6.50*	
		For >2.0, Deduct	*-2.60*	
		For UV Black, Add	*2.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.80*	
26 05 29 00-0315	C	8" Length, 120 LB Tensile Strength, Nylon Cable Ties	44.02	
		For Up To 0.1, Add	*22.70*	
		For >0.1 To 0.25, Add	*11.35*	
		For >0.25 To 0.75, Add	*5.68*	
		For >2.0, Deduct	*-2.27*	
		For UV Black, Add	*3.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.81*	
26 05 29 00-0316	C	11" Length, 120 LB Tensile Strength, Nylon Cable Ties	48.08	
		For Up To 0.1, Add	*24.48*	
		For >0.1 To 0.25, Add	*12.24*	
		For >0.25 To 0.75, Add	*6.12*	
		For >2.0, Deduct	*-2.45*	
		For UV Black, Add	*3.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.34*	
26 05 29 00-0317	C	15" Length, 120 LB Tensile Strength, Nylon Cable Ties	57.05	
		For Up To 0.1, Add	*26.01*	
		For >0.1 To 0.25, Add	*13.01*	
		For >0.25 To 0.75, Add	*6.50*	
		For >2.0, Deduct	*-2.60*	
		For UV Black, Add	*4.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.80*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0318	C		17" Length, 120 LB Tensile Strength, Nylon Cable Ties	78.61	
			For Up To 0.1, Add	*27.75*	
			For >0.1 To 0.25, Add	*13.88*	
			For >0.25 To 0.75, Add	*6.94*	
			For >2.0, Deduct	*-2.78*	
			For UV Black, Add	*7.63*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.33*	
26 05 29 00-0319	C		17-3/4" Length, 175 LB Tensile Strength, Nylon Cable Ties	76.44	
			For Up To 0.1, Add	*27.75*	
			For >0.1 To 0.25, Add	*13.88*	
			For >0.25 To 0.75, Add	*6.94*	
			For >2.0, Deduct	*-2.78*	
			For UV Black, Add	*7.30*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.33*	
26 05 29 00-0320	C		21-11/16" Length, 175 LB Tensile Strength, Nylon Cable Ties	91.59	
			For Up To 0.1, Add	*29.03*	
			For >0.1 To 0.25, Add	*14.52*	
			For >0.25 To 0.75, Add	*7.26*	
			For >2.0, Deduct	*-2.90*	
			For UV Black, Add	*9.38*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.71*	
26 05 29 00-0321	C		30" Length, 175 LB Tensile Strength, Nylon Cable Ties	105.03	
			For Up To 0.1, Add	*30.46*	
			For >0.1 To 0.25, Add	*15.23*	
			For >0.25 To 0.75, Add	*7.62*	
			For >2.0, Deduct	*-3.05*	
			For UV Black, Add	*11.19*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.14*	
26 05 29 00-0322	C		46" Length, 175 LB Tensile Strength, Nylon Cable Ties	141.21	
			For Up To 0.1, Add	*32.86*	
			For >0.1 To 0.25, Add	*16.43*	
			For >0.25 To 0.75, Add	*8.22*	
			For >2.0, Deduct	*-3.29*	
			For UV Black, Add	*16.25*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.86*	
26 05 29 00-0323	C		3/4" x 3/4" Self Adhesive Tie Mounts	32.80	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.36*	
26 05 29 00-0324	C		1.1" x 1.1" Tie Mounts With Screw	65.20	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.73*	
26 05 29 00-0325		EA	6" Length x 1/2" Width, Velcro Grip Cable Tie	1.52	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.15*	
26 05 29 00-0326		EA	8" Length x 1/2" Width, Velcro Grip Cable Tie	1.49	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.12*	
26 05 29 00-0327		EA	12" Length x 1/2" Width, Velcro Grip Cable Tie	1.81	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.12*	
26 05 29 00-0328		EA	15" Length x 3/4" Width, Velcro Grip Cable Tie	2.49	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.12*	
26 05 29 00-0329		EA	180" Length x 3/4" Width, Velcro Grip Cable Tie Roll	61.83	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.94*	

26 05 29 00-0330 Fastening Devices For Wireway And Conduit *(26 05 29)*

Note: Bolts include drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports.

26 05 29 00-0331 Toggle Bolts *(26 05 29 00-0330)*

Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0332		EA	1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	7.71	
			For >50 To 100, Deduct	*-0.74*	
			For >100 To 250, Deduct	*-1.48*	
			For >250 To 500, Deduct	*-2.59*	
			For >500, Deduct	*-3.69*	
26 05 29 00-0333		EA	1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	7.91	
			For >50 To 100, Deduct	*-0.76*	
			For >100 To 250, Deduct	*-1.52*	
			For >250 To 500, Deduct	*-2.65*	
			For >500, Deduct	*-3.78*	
26 05 29 00-0334		EA	3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	8.32	
			For >50 To 100, Deduct	*-0.78*	
			For >100 To 250, Deduct	*-1.57*	
			For >250 To 500, Deduct	*-2.73*	
			For >500, Deduct	*-3.90*	
26 05 29 00-0335		EA	3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	8.53	
			For >50 To 100, Deduct	*-0.80*	
			For >100 To 250, Deduct	*-1.60*	
			For >250 To 500, Deduct	*-2.80*	
			For >500, Deduct	*-3.99*	
26 05 29 00-0336		EA	1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	8.73	
			For >50 To 100, Deduct	*-0.82*	
			For >100 To 250, Deduct	*-1.64*	
			For >250 To 500, Deduct	*-2.86*	
			For >500, Deduct	*-4.09*	
26 05 29 00-0337		EA	5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	9.77	
			For >50 To 100, Deduct	*-0.86*	
			For >100 To 250, Deduct	*-1.72*	
			For >250 To 500, Deduct	*-2.99*	
			For >500, Deduct	*-4.26*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0338	EA	3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	10.15	
		For >50 To 100, Deduct	*-0.88*	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-3.07*	
		For >500, Deduct	*-4.37*	

26 05 29 00-0339 Machine Screws *(26 05 29 00-0330)*

Note: Includes drilling in concrete, concrete block, wood or steel.

26 05 29 00-0340	EA	#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.28	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.11*	
26 05 29 00-0341	EA	#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.31	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.12*	
26 05 29 00-0342	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.91	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.40*	
26 05 29 00-0343	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.02	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.41*	
26 05 29 00-0344	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.71	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.19*	
		For >500, Deduct	*-1.70*	

26 05 29 00-0345 Hex Lag Bolts With Lag Shield Expansion Anchors *(26 05 29 00-0330)*

Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0346	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	3.64	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.04*	
		For >500, Deduct	*-1.48*	
26 05 29 00-0347	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	3.59	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.03*	
		For >500, Deduct	*-1.47*	
26 05 29 00-0348	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	5.02	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.29*	
		For >500, Deduct	*-1.83*	
26 05 29 00-0349	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	6.37	
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-2.19*	

26 05 29 00-0350 Hanger Lag Bolts With Hex Nuts *(26 05 29 00-0330)*

Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0351	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	2.73	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.16*	
26 05 29 00-0352	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	2.77	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.16*	
26 05 29 00-0353	EA	3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.28	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.93*	
		For >500, Deduct	*-1.32*	

26 05 29 00-0354 Hollow Wall Screw Anchors *(26 05 29 00-0330)*

26 05 29 00-0355	EA	6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.61	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0356	EA	6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.66	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.70*	
26 05 29 00-0357	EA	6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.73	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.50*	
		For >500, Deduct	*-0.71*	
26 05 29 00-0358	EA	10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.17	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.83*	
26 05 29 00-0359	EA	10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.27	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.84*	
26 05 29 00-0360	EA	10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.30	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0361	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.31	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.85*	
26 05 29 00-0362	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.46	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.86*	
26 05 29 00-0363	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.51	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.36*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.87*	

26 05 29 00-0364 Lead Screw Anchors *(26 05 29 00-0330)*

Note: Includes screw.

26 05 29 00-0365	EA	#6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	3.77	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.22*	
		For >500, Deduct	*-1.74*	
26 05 29 00-0366	EA	#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	4.48	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.42*	
		For >500, Deduct	*-2.02*	
26 05 29 00-0367	EA	#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	6.02	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.60*	

26 05 29 00-0368 Acoustical T-Bar Clips *(26 05 29 00-0330)*

Note: For conduit installation above suspended ceilings up to 15' height.

26 05 29 00-0369	EA	1/2" Conduit, Push-In Acoustical T-Bar Clip	5.78	
		For >50 To 100, Deduct	*-0.46*	
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.60*	
		For >500, Deduct	*-2.28*	
26 05 29 00-0370	EA	3/4" Conduit, Push-In Acoustical T-Bar Clip	6.06	
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.39*	
26 05 29 00-0371	EA	1" Conduit, Push-In Acoustical T-Bar Clip	6.57	
		For >50 To 100, Deduct	*-0.52*	
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.79*	
		For >500, Deduct	*-2.55*	

26 05 29 00-0372 Threaded Rod, Accessories And Attachments *(26 05 29)*

26 05 29 00-0373 Threaded Rod And Rod Accessories *(26 05 29 00-0372)*

26 05 29 00-0374 Carbon Steel Threaded Rod *(26 05 29 00-0373)*

Note: Includes plain finish.

26 05 29 00-0375	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.83	0.63
		For Galvanized, Add	*0.64*	
		For Zinc Coated, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0376	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.85	0.67
		For Galvanized, Add	*1.01*	
		For Zinc Coated, Add	*0.72*	
26 05 29 00-0377	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.28	0.69
		For Galvanized, Add	*1.56*	
		For Zinc Coated, Add	*1.11*	
26 05 29 00-0378	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	8.52	0.71
		For Galvanized, Add	*2.84*	
		For Zinc Coated, Add	*2.03*	
26 05 29 00-0379	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.28	0.73
		For Galvanized, Add	*3.13*	
		For Zinc Coated, Add	*2.23*	
26 05 29 00-0380	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.64	0.83
		For Galvanized, Add	*4.39*	
		For Zinc Coated, Add	*3.13*	
26 05 29 00-0381	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	15.69	0.92
		For Galvanized, Add	*5.54*	
		For Zinc Coated, Add	*3.94*	

26 05 29 00-0382 Threaded Rod Couplings *(26 05 29 00-0373)*

26 05 29 00-0383	EA	3/8" Diameter, Threaded Rod Coupling Nut	7.85	
26 05 29 00-0384	EA	1/2" Diameter, Threaded Rod Coupling Nut	8.88	
26 05 29 00-0385	EA	5/8" Diameter, Threaded Rod Coupling Nut	10.98	
26 05 29 00-0386	EA	3/4" Diameter, Threaded Rod Coupling Nut	13.23	
26 05 29 00-0387	EA	7/8" Diameter, Threaded Rod Coupling Nut	18.93	
26 05 29 00-0388	EA	1" Diameter, Threaded Rod Coupling Nut	22.44	
26 05 29 00-0389	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	41.64	

26 05 29 00-0390 Flat Washers *(26 05 29 00-0373)*

26 05 29 00-0391	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.67	0.25
		For Galvanized, Add	*0.03*	
26 05 29 00-0392	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.85	0.25
		For Galvanized, Add	*0.06*	
26 05 29 00-0393	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.10	0.25
		For Galvanized, Add	*0.11*	
26 05 29 00-0394	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.32	0.50
		For Galvanized, Add	*0.16*	
26 05 29 00-0395	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.48	0.50
		For Galvanized, Add	*0.19*	
26 05 29 00-0396	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.75	0.50
		For Galvanized, Add	*0.23*	
26 05 29 00-0397	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.96	0.50
		For Galvanized, Add	*0.26*	

26 05 29 00-0398 Malleable Iron Eye Sockets *(26 05 29 00-0373)*

Note: Type 16.

26 05 29 00-0399	EA	3/8" Rod Size, Malleable Iron Eye Socket	8.55	
26 05 29 00-0400	EA	1/2" Rod Size, Malleable Iron Eye Socket	10.18	
26 05 29 00-0401	EA	5/8" Rod Size, Malleable Iron Eye Socket	17.44	
26 05 29 00-0402	EA	3/4" Rod Size, Malleable Iron Eye Socket	24.71	
26 05 29 00-0403	EA	7/8" Rod Size, Malleable Iron Eye Socket	26.36	

26 05 29 00-0404 Hex Nuts *(26 05 29 00-0373)*

26 05 29 00-0405	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.66	0.25
		For Galvanized, Add	*0.02*	
26 05 29 00-0406	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.81	0.25
		For Galvanized, Add	*0.05*	
26 05 29 00-0407	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.10	0.25
		For Galvanized, Add	*0.11*	
26 05 29 00-0408	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.28	0.50
		For Galvanized, Add	*0.15*	
26 05 29 00-0409	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.84	0.50
		For Galvanized, Add	*0.28*	
26 05 29 00-0410	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.33	0.50
		For Galvanized, Add	*0.38*	
26 05 29 00-0411	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.76	0.50
		For Galvanized, Add	*0.71*	

26 05 29 00-0412 Forged Steel Turnbuckles *(26 05 29 00-0373)*

Note: Type 13.

26 05 29 00-0413	EA	3/8" Thread Diameter, Forged Steel Turnbuckle Body	21.23	
26 05 29 00-0414	EA	1/2" Thread Diameter, Forged Steel Turnbuckle Body	26.03	
26 05 29 00-0415	EA	5/8" Thread Diameter, Forged Steel Turnbuckle Body	34.48	
26 05 29 00-0416	EA	3/4" Thread Diameter, Forged Steel Turnbuckle Body	42.48	
26 05 29 00-0417	EA	7/8" Thread Diameter, Forged Steel Turnbuckle Body	101.64	
26 05 29 00-0418	EA	1" Thread Diameter, Forged Steel Turnbuckle Body	69.05	
26 05 29 00-0419	EA	1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	136.45	

26 05 29 00-0420 Attachments *(26 05 29 00-0372)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0421		**Welded Beam Attachments** *(26 05 29 00-0420)*		
		Note: Type 22.		
26 05 29 00-0422	EA	3/8" Rod Size, Welded Beam Attachment	39.23	9.98
26 05 29 00-0423	EA	1/2" Rod Size, Welded Beam Attachment	41.80	10.47
26 05 29 00-0424	EA	5/8" Rod Size, Welded Beam Attachment	44.46	11.07
26 05 29 00-0425	EA	3/4" Rod Size, Welded Beam Attachment	55.76	11.77
26 05 29 00-0426	EA	7/8" Rod Size, Welded Beam Attachment	66.26	12.47
26 05 29 00-0427	EA	1" Rod Size, Welded Beam Attachment	91.58	14.27
26 05 29 00-0428	EA	1-1/8" Rod Size, Welded Beam Attachment	127.60	14.96
26 05 29 00-0429		**C-Clamp Style Beam Clamps** *(26 05 29 00-0420)*		
		Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0430	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	14.85	7.49
26 05 29 00-0431	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	17.40	7.99
26 05 29 00-0432	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	19.58	8.56
26 05 29 00-0433	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	24.58	9.22
26 05 29 00-0434	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	34.53	9.99
26 05 29 00-0435		**Bottom Mount I-Beam Clamps** *(26 05 29 00-0420)*		
		Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0436	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	37.34	9.99
26 05 29 00-0437	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	53.64	10.90
26 05 29 00-0438	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	75.44	11.99
26 05 29 00-0439	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	89.97	13.32
26 05 29 00-0440	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	212.10	14.98
26 05 29 00-0441		**Steel U-Bolts** *(26 05 29 00-0420)*		
		Note: Type 24. Includes plate and nuts.		
26 05 29 00-0442	EA	1/2" Pipe Size, Zinc Plated Steel, U-Bolt	12.06	5.99
26 05 29 00-0443	EA	3/4" Pipe Size, Zinc Plated Steel, U-Bolt	13.02	6.31
26 05 29 00-0444	EA	1" Pipe Size, Zinc Plated Steel, U-Bolt	13.97	6.66
26 05 29 00-0445	EA	1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	15.71	7.05
26 05 29 00-0446	EA	1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	16.30	7.49
26 05 29 00-0447	EA	2" Pipe Size, Zinc Plated Steel, U-Bolt	17.43	8.00
26 05 29 00-0448	EA	2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	24.13	8.56
26 05 29 00-0449	EA	3" Pipe Size, Zinc Plated Steel, U-Bolt	26.53	9.22
26 05 29 00-0450	EA	4" Pipe Size, Zinc Plated Steel, U-Bolt	31.66	9.99
26 05 29 00-0451		**Stainless Steel Threaded Rod** *(26 05 29 00-0372)*		
26 05 29 00-0452	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	2.53	0.50
		For 316 Stainless Steel, Add	*0.62*	
26 05 29 00-0453	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	3.72	0.55
		For 316 Stainless Steel, Add	*1.06*	
26 05 29 00-0454	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.74	0.63
		For 316 Stainless Steel, Add	*1.42*	
26 05 29 00-0455	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.49	0.64
		For 316 Stainless Steel, Add	*2.11*	
26 05 29 00-0456	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	7.73	0.67
		For 316 Stainless Steel, Add	*2.60*	
26 05 29 00-0457	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.46	0.67
		For 316 Stainless Steel, Add	*4.09*	
26 05 29 00-0458	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	15.92	0.69
		For 316 Stainless Steel, Add	*5.89*	
26 05 29 00-0459	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	21.79	0.71
		For 316 Stainless Steel, Add	*8.25*	
26 05 29 00-0460	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	27.98	0.83
		For 316 Stainless Steel, Add	*10.66*	
26 05 29 00-0461	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	58.90	1.00
		For 316 Stainless Steel, Add	*23.01*	
26 05 29 00-0462		**Polyvinyl Chloride (PVC) Coated Supports** *(26 05 29)*		
		Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.		
26 05 29 00-0463		**Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0462)*		
26 05 29 00-0464		**Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)*		
26 05 29 00-0465	EA	1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	56.30	19.95
26 05 29 00-0466	EA	3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	61.18	21.75
26 05 29 00-0467	EA	1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	65.10	23.94
26 05 29 00-0468	EA	1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	78.58	26.63
26 05 29 00-0469	EA	1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	90.97	29.93
26 05 29 00-0470	EA	2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	109.50	32.92
26 05 29 00-0471	EA	2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	119.77	35.91
26 05 29 00-0472	EA	3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	132.06	38.90
26 05 29 00-0473	EA	3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	139.26	41.90
26 05 29 00-0474	EA	4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	150.62	44.88
26 05 29 00-0475		**Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)*		
26 05 29 00-0476	EA	1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	60.76	19.95
26 05 29 00-0477	EA	3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	64.19	21.75

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0478	EA	1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	74.13	23.94
26 05 29 00-0479	EA	1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	81.79	26.63
26 05 29 00-0480	EA	1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	92.21	29.93
26 05 29 00-0481	EA	2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	107.37	32.92
26 05 29 00-0482	EA	2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	123.79	35.91
26 05 29 00-0483	EA	3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	137.39	38.90
26 05 29 00-0484	EA	3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	145.96	41.90
26 05 29 00-0485	EA	4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	151.51	44.88
26 05 29 00-0486		Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps *(26 05 29 00-0463)*		
26 05 29 00-0487	EA	1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	57.17	19.75
26 05 29 00-0488	EA	3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	61.41	21.55
26 05 29 00-0489	EA	1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	69.63	23.94
26 05 29 00-0490	EA	1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	82.10	26.34
26 05 29 00-0491	EA	1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	107.99	29.93
26 05 29 00-0492	EA	2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	118.37	32.92
26 05 29 00-0493		Polyvinyl Chloride (PVC) Coated Conduit Straps *(26 05 29 00-0462)*		
26 05 29 00-0494		One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps *(26 05 29 00-0493)*		
26 05 29 00-0495	EA	1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	7.34	0.60
26 05 29 00-0496	EA	3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	7.98	0.60
26 05 29 00-0497	EA	1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	11.79	0.60
26 05 29 00-0498	EA	1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	14.36	0.60
26 05 29 00-0499	EA	1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	18.94	0.60
26 05 29 00-0500	EA	2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	28.51	0.60
26 05 29 00-0501	EA	2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	38.01	0.60
26 05 29 00-0502	EA	3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	50.96	0.60
26 05 29 00-0503	EA	3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	90.29	0.60
26 05 29 00-0504	EA	4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	95.96	0.60
26 05 29 00-0505		Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps *(26 05 29 00-0493)*		
26 05 29 00-0506	EA	1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	14.45	1.19
26 05 29 00-0507	EA	3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	14.51	1.19
26 05 29 00-0508	EA	1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	14.90	1.19
26 05 29 00-0509	EA	1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	18.82	1.19
26 05 29 00-0510	EA	1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	19.35	1.19
26 05 29 00-0511	EA	2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	22.24	1.19
26 05 29 00-0512	EA	2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	25.04	1.19
26 05 29 00-0513	EA	3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	26.20	1.19
26 05 29 00-0514	EA	3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	28.00	1.19
26 05 29 00-0515	EA	4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	30.40	1.19
26 05 29 00-0516		Polyvinyl Chloride (PVC) Coated Clamp Back Spacer *(26 05 29 00-0462)*		
26 05 29 00-0517		Polyvinyl Chloride (PVC) Coated Clamp Back Spacer *(26 05 29 00-0516)*		
26 05 29 00-0518	EA	1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	13.08	1.19
26 05 29 00-0519	EA	3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	15.26	1.19
26 05 29 00-0520	EA	1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	19.27	1.19
26 05 29 00-0521	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	22.58	1.19
26 05 29 00-0522	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	30.33	1.19
26 05 29 00-0523	EA	2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	37.06	1.19
26 05 29 00-0524	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	74.90	1.19
26 05 29 00-0525	EA	3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	102.39	1.19
26 05 29 00-0526	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	179.43	1.19
26 05 29 00-0527	EA	4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	179.43	1.19
26 05 29 00-0528		Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories *(26 05 29 00-0462)*		
26 05 29 00-0529		Polyvinyl Chloride (PVC) Coated Threaded Rod *(26 05 29 00-0528)*		
26 05 29 00-0530	LF	3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	9.03	0.80
26 05 29 00-0531	LF	1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	11.14	0.90
26 05 29 00-0532		Attachments *(26 05 29 00-0462)*		
26 05 29 00-0533		Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts *(26 05 29 00-0532)*		
26 05 29 00-0534	EA	1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	16.58	5.99
26 05 29 00-0535	EA	3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	17.10	6.29
26 05 29 00-0536	EA	1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	18.01	6.69
26 05 29 00-0537	EA	1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	19.18	7.09
26 05 29 00-0538	EA	1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	20.43	7.49
26 05 29 00-0539	EA	2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	23.06	8.00
26 05 29 00-0540	EA	2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	33.94	8.59
26 05 29 00-0541	EA	3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	35.56	9.19
26 05 29 00-0542	EA	4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	37.85	9.99
26 05 29 00-0543	EA	5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	62.85	11.39
26 05 29 00-0544	EA	6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	78.12	13.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0545		**Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps** *(26 05 29 00-0532)*		
26 05 29 00-0546	EA	1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	57.84	19.75
26 05 29 00-0547	EA	5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	68.43	19.75
26 05 29 00-0548	EA	3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	72.80	19.75
26 05 29 00-0549	EA	1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	80.51	20.95
26 05 29 00-0550	EA	1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	94.40	23.94
26 05 29 00-0551		**Polyvinyl Chloride (PVC) Coated Pipe Straps** *(26 05 29 00-0532)*		
		Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0552	EA	1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	18.00	6.58
26 05 29 00-0553	EA	3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	19.01	7.18
26 05 29 00-0554	EA	1" Polyvinyl Chloride (PVC) Coated Pipe Strap	20.70	7.78
26 05 29 00-0555	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	23.37	8.98
26 05 29 00-0556	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	26.72	10.18
26 05 29 00-0557	EA	2" Polyvinyl Chloride (PVC) Coated Pipe Strap	29.53	10.77
26 05 29 00-0558	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	32.66	11.97
26 05 29 00-0559	EA	3" Polyvinyl Chloride (PVC) Coated Pipe Strap	38.49	13.16
26 05 29 00-0560	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	41.88	13.77
26 05 29 00-0561	EA	4" Polyvinyl Chloride (PVC) Coated Pipe Strap	44.17	14.96
26 05 29 00-0562	EA	5" Polyvinyl Chloride (PVC) Coated Pipe Strap	47.45	16.76
26 05 29 00-0563		**Polyvinyl Chloride (PVC) Coated Channel** *(26 05 29 00-0462)*		
26 05 29 00-0564	LF	Polyvinyl Chloride (PVC) Coated Channel, A12	17.41	3.00
26 05 29 00-0565	LF	Polyvinyl Chloride (PVC) Coated Channel, A12A	30.46	4.19
26 05 29 00-0566	LF	Polyvinyl Chloride (PVC) Coated Channel, A12P	18.52	3.00
26 05 29 00-0567	LF	Polyvinyl Chloride (PVC) Coated Channel, C14	13.99	3.00
26 05 29 00-0568	LF	Polyvinyl Chloride (PVC) Coated Channel, C14P	14.68	3.00
26 05 29 00-0569		**Polymer Concrete Pads** *(26 05 29)*		
		Note: Excludes excavation and backfill.		
26 05 29 00-0570		**Polymer Concrete, Box Pads** *(26 05 29 00-0569)*		
26 05 29 00-0571	EA	24" x 36", 18" Depth, Polymer Concrete, Box Pad	833.84	97.84
26 05 29 00-0572	EA	25" x 25", 24" Depth, Polymer Concrete, Box Pad	860.20	97.84
26 05 29 00-0573	EA	40" x 44", 15" Depth, Polymer Concrete, Box Pad	1,102.52	97.84
26 05 29 00-0574	EA	40" x 44", 24" Depth, Polymer Concrete, Box Pad	1,142.69	97.84
26 05 29 00-0575	EA	52" x 36", 18" Depth, Polymer Concrete, Box Pad	1,065.12	97.84
26 05 29 00-0576	EA	44" x 44", 32" Depth, Polymer Concrete, Box Pad	1,254.85	97.84
26 05 29 00-0577	EA	40" x 58", 24" Depth, Polymer Concrete, Box Pad	1,400.33	97.84
26 05 29 00-0578	EA	52" x 50", 18" Depth, Polymer Concrete, Box Pad	1,354.11	122.30
26 05 29 00-0579	EA	74" x 76", 36" Depth, Polymer Concrete, Box Pad	2,033.85	122.30
26 05 29 00-0580	EA	93" x 93", 36" Depth, Polymer Concrete, Box Pad	2,716.96	122.30
26 05 29 00-0581		**Polymer Concrete, Telecommunications Equipment Pads** *(26 05 29 00-0569)*		
26 05 29 00-0582	EA	42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	404.44	53.06
26 05 29 00-0583	EA	48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	476.48	53.06
26 05 29 00-0584	EA	60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	619.00	73.38
26 05 29 00-0585	EA	54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	645.77	73.38
26 05 29 00-0586	EA	57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	918.30	73.38
26 05 29 00-0587	EA	72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	956.18	73.38
26 05 29 00-0588	EA	64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,026.76	73.38
26 05 29 00-0589	EA	72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,026.76	73.38
26 05 29 00-0590	EA	76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,913.46	73.38
26 05 29 00-0591	EA	96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	2,166.47	73.38
26 05 29 00-0592		**Polymer Concrete, Electrical Equipment Pads** *(26 05 29 00-0569)*		
26 05 29 00-0593	EA	24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad	251.87	53.06
26 05 29 00-0594	EA	24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad	270.39	53.06
26 05 29 00-0595	EA	24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad	287.26	53.06
26 05 29 00-0596	EA	24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad	343.30	53.06
26 05 29 00-0597	EA	40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad	318.29	53.06
26 05 29 00-0598	EA	42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad	330.07	53.06
26 05 29 00-0599	EA	48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad	360.62	53.06
26 05 29 00-0600	EA	48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad	378.44	53.06
26 05 29 00-0601	EA	54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	437.95	53.06
26 05 29 00-0602	EA	56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad	535.97	53.06
26 05 29 00-0603	EA	64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad	787.00	73.38
26 05 29 00-0604	EA	66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad	822.83	73.38
26 05 29 00-0605	EA	75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad	834.14	73.38
26 05 29 00-0606	EA	90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	909.45	73.38
26 05 29 00-0607	EA	84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,916.86	73.38
26 05 29 00-0608	EA	96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad	2,254.29	73.38

26 05 33 Raceway And Boxes For Electrical Systems *(26 05)*

26 05 33 13 Conduit For Electrical Systems *(26 05 33)*

26 05 33 13-0001 Conduit Assemblies *(26 05 33 13)*

Note: Includes conduit, fittings and wire. Excludes hangers or supports.

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0002			**Electrical Metallic Tubing (EMT) Conduit Assemblies** *(26 05 33 13-0001)* Note: Includes conduit, field bends, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0562 for larger copper conducter, 26 05 33 13-0598 for larger EMT conduit.		
26 05 33 13-0003		CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	718.67	222.88
			For Work In Restricted Working Space, Add	*191.07*	
			For 2 #12 THWN Conductor Instead Of THHN, Add	*1.03*	
26 05 33 13-0004		CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	783.71	242.03
			For Work In Restricted Working Space, Add	*207.49*	
			For 3 #12 THWN Conductor Instead Of THHN, Add	*1.55*	
26 05 33 13-0005		CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	848.73	261.18
			For Work In Restricted Working Space, Add	*223.90*	
			For 4 #12 THWN Conductor Instead Of THHN, Add	*2.06*	
26 05 33 13-0006		CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	756.40	232.46
			For Work In Restricted Working Space, Add	*199.28*	
			For 2 #10 THWN Conductor Instead Of THHN, Add	*1.55*	
26 05 33 13-0007		CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	835.72	254.79
			For Work In Restricted Working Space, Add	*218.43*	
			For 3 #10 THWN Conductor Instead Of THHN, Add	*2.32*	
26 05 33 13-0008		CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	839.25	251.61
			For Work In Restricted Working Space, Add	*215.69*	
			For 2 #8 THWN Conductor Instead Of THHN, Add	*2.70*	
26 05 33 13-0009		CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	794.99	240.29
			For Work In Restricted Working Space, Add	*205.95*	
			For 2 #12 THWN Conductor Instead Of THHN, Add	*1.03*	
26 05 33 13-0010		CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	860.01	259.44
			For Work In Restricted Working Space, Add	*222.37*	
			For 3 #12 THWN Conductor Instead Of THHN, Add	*1.55*	
26 05 33 13-0011		CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	925.04	278.59
			For Work In Restricted Working Space, Add	*238.78*	
26 05 33 13-0012		CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	990.08	297.75
			For Work In Restricted Working Space, Add	*255.20*	
			For 5 #12 THWN Conductor Instead Of THHN, Add	*2.58*	
26 05 33 13-0013		CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	832.70	249.87
			For Work In Restricted Working Space, Add	*214.16*	
			For 2 #10 THWN Conductor Instead Of THHN, Add	*1.55*	
26 05 33 13-0014		CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	912.03	272.21
			For Work In Restricted Working Space, Add	*233.31*	
			For 3 #10 THWN Conductor Instead Of THHN, Add	*2.32*	
26 05 33 13-0015		CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	991.37	294.56
			For Work In Restricted Working Space, Add	*252.46*	
			For 4 #10 THWN Conductor Instead Of THHN, Add	*3.09*	
26 05 33 13-0016		CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,070.70	316.90
			For Work In Restricted Working Space, Add	*271.61*	
			For 5 #10 THWN Conductor Instead Of THHN, Add	*3.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0017	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,024.60	297.75
		For Work In Restricted Working Space, Add	*255.20*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*4.05*	
26 05 33 13-0018	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,133.64	326.48
		For Work In Restricted Working Space, Add	*279.82*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*5.39*	
26 05 33 13-0019	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,016.99	288.18
		For Work In Restricted Working Space, Add	*246.99*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*4.46*	
26 05 33 13-0020	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,161.89	323.28
		For Work In Restricted Working Space, Add	*277.08*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*6.69*	
26 05 33 13-0021	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	898.20	258.62
		For Work In Restricted Working Space, Add	*221.71*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.03*	
26 05 33 13-0022	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	963.23	277.77
		For Work In Restricted Working Space, Add	*238.13*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*1.55*	
26 05 33 13-0023	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,028.26	296.92
		For Work In Restricted Working Space, Add	*254.54*	
26 05 33 13-0024	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,093.30	316.07
		For Work In Restricted Working Space, Add	*270.96*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*2.58*	
26 05 33 13-0025	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	935.93	268.20
		For Work In Restricted Working Space, Add	*229.92*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*1.55*	
26 05 33 13-0026	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,015.25	290.54
		For Work In Restricted Working Space, Add	*249.07*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*2.32*	
26 05 33 13-0027	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,094.59	312.89
		For Work In Restricted Working Space, Add	*268.22*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*3.09*	
26 05 33 13-0028	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,173.92	335.23
		For Work In Restricted Working Space, Add	*287.37*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*3.87*	
26 05 33 13-0029	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,127.82	316.07
		For Work In Restricted Working Space, Add	*270.96*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*4.05*	
26 05 33 13-0030	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,265.11	341.61
		For Work In Restricted Working Space, Add	*292.84*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*6.69*	
26 05 33 13-0031	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	1,410.01	376.72
		For Work In Restricted Working Space, Add	*322.94*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*8.92*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0032		Rigid Galvanized Steel (RGS) Conduit Assemblies *(26 05 33 13-0001)*			
		Note: Includes conduit, field bends, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0562 for larger copper conducter, 26 05 33 13-0059 for larger RGS conduit.			
26 05 33 13-0033	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		924.09	253.70
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*217.44*		
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.03*		
26 05 33 13-0034	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		989.11	272.85
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*233.86*		
		For 3 #12 THWN Conductor Instead Of THHN, Add	*1.55*		
26 05 33 13-0035	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		961.81	263.27
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*225.65*		
		For 2 #10 THWN Conductor Instead Of THHN, Add	*1.55*		
26 05 33 13-0036	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		1,041.14	285.62
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*244.80*		
		For 3 #10 THWN Conductor Instead Of THHN, Add	*2.32*		
26 05 33 13-0037	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor		1,044.65	282.42
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*242.06*		
		For 2 #8 THWN Conductor Instead Of THHN, Add	*2.70*		
26 05 33 13-0038	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		1,011.63	270.57
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*231.89*		
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.03*		
26 05 33 13-0039	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		1,076.66	289.72
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*248.30*		
		For 3 #12 THWN Conductor Instead Of THHN, Add	*1.55*		
26 05 33 13-0040	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		1,141.69	308.87
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*264.72*		
26 05 33 13-0041	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		1,049.35	280.15
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*240.10*		
		For 2 #10 THWN Conductor Instead Of THHN, Add	*1.55*		
26 05 33 13-0042	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		1,128.68	302.49
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*259.25*		
		For 3 #10 THWN Conductor Instead Of THHN, Add	*2.32*		
26 05 33 13-0043	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		1,208.01	324.83
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*278.40*		
		For 4 #10 THWN Conductor Instead Of THHN, Add	*3.09*		
26 05 33 13-0044	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor		1,241.24	328.02
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*281.13*		
		For 3 #8 THWN Conductor Instead Of THHN, Add	*4.05*		
26 05 33 13-0045	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor		1,350.29	356.75
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*305.76*		
		For 4 #8 THWN Conductor Instead Of THHN, Add	*5.39*		
26 05 33 13-0046	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor		1,233.63	318.45
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*272.93*		
		For 2 #6 THWN Conductor Instead Of THHN, Add	*4.46*		
26 05 33 13-0047	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor		1,378.55	353.55
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*303.02*		
		For 3 #6 THWN Conductor Instead Of THHN, Add	*6.69*		
26 05 33 13-0048	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		1,286.07	323.10
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*276.95*		
		For 3 #12 THWN Conductor Instead Of THHN, Add	*1.55*		
26 05 33 13-0049	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor		1,351.11	342.25
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.			
		For Work In Restricted Working Space, Add	*293.36*		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0050		CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,416.13	361.40
			Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
			For Work In Restricted Working Space, Add	*309.77*	
			For 5 #12 THWN Conductor Instead Of THHN, Add	*2.58*	
26 05 33 13-0051		CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,338.10	335.87
			Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
			For Work In Restricted Working Space, Add	*287.89*	
			For 3 #10 THWN Conductor Instead Of THHN, Add	*2.32*	
26 05 33 13-0052		CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,417.43	358.20
			Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
			For Work In Restricted Working Space, Add	*307.04*	
			For 4 #10 THWN Conductor Instead Of THHN, Add	*3.09*	
26 05 33 13-0053		CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,496.76	380.55
			Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
			For Work In Restricted Working Space, Add	*326.19*	
			For 5 #10 THWN Conductor Instead Of THHN, Add	*3.87*	
26 05 33 13-0054		CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,450.65	361.40
			Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
			For Work In Restricted Working Space, Add	*309.77*	
			For 3 #8 THWN Conductor Instead Of THHN, Add	*4.05*	
26 05 33 13-0055		CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,587.96	386.94
			Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
			For Work In Restricted Working Space, Add	*331.66*	
			For 3 #6 THWN Conductor Instead Of THHN, Add	*6.69*	
26 05 33 13-0056		CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,732.86	422.04
			Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
			For Work In Restricted Working Space, Add	*361.76*	
			For 4 #6 THWN Conductor Instead Of THHN, Add	*8.92*	

26 05 33 13-0057 Conduit *(26 05 33 13)*

Note: Includes warning tape for underground conduits. Where 4-1/2" conduit is required, use tasks for 5" conduit.
Add couplings as required at each fitting.

26 05 33 13-0058 Conduit Installed Above Grade *(26 05 33 13-0057)*

See CSI section 26 05 29 00-0000 for supporting strap, hanger and fastening.

26 05 33 13-0059 Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0060 Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling *(26 05 33 13-0059)*

Note: Includes field bending for conduit up to 1".

26 05 33 13-0061		LF	1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	6.62	2.00
			For Work In Restricted Working Space, Add	*1.50*	
			For Elevated Installation >15' To 20', Add	*1.00*	
			For >250 To 500, Deduct	*-0.08*	
			For >500 To 1,000, Deduct	*-0.37*	
			For >1,000, Deduct	*-0.54*	
			For Installation In Metal Stud Wall, Add	*0.50*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.25*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.75*	
26 05 33 13-0062		LF	3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	7.45	2.18
			For Work In Restricted Working Space, Add	*1.64*	
			For Elevated Installation >15' To 20', Add	*1.09*	
			For >250 To 500, Deduct	*-0.10*	
			For >500 To 1,000, Deduct	*-0.42*	
			For >1,000, Deduct	*-0.61*	
			For Installation In Metal Stud Wall, Add	*0.55*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.37*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.82*	
26 05 33 13-0063		LF	1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	9.45	2.56
			For Work In Restricted Working Space, Add	*1.91*	
			For Elevated Installation >15' To 20', Add	*1.28*	
			For >250 To 500, Deduct	*-0.15*	
			For >500 To 1,000, Deduct	*-0.55*	
			For >1,000, Deduct	*-0.79*	
			For Installation In Metal Stud Wall, Add	*0.64*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.60*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.96*	
26 05 33 13-0064		LF	1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	11.39	2.92
			For Work In Restricted Working Space, Add	*2.19*	
			For Elevated Installation >15' To 20', Add	*1.46*	
			For >250 To 500, Deduct	*-0.20*	
			For >500 To 1,000, Deduct	*-0.67*	
			For >1,000, Deduct	*-0.96*	
			For Installation In Metal Stud Wall, Add	*0.73*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*1.83*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.10*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0065		LF	1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	13.22	3.29
			For Work In Restricted Working Space, Add	*2.46*	
			For Elevated Installation >15' To 20', Add	*1.64*	
			For >250 To 500, Deduct	*-0.25*	
			For >500 To 1,000, Deduct	*-0.79*	
			For >1,000, Deduct	*-1.12*	
			For Installation In Metal Stud Wall, Add	*0.82*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*2.05*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.23*	
26 05 33 13-0066		LF	2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	16.73	4.01
			For Work In Restricted Working Space, Add	*3.01*	
			For Elevated Installation >15' To 20', Add	*2.01*	
			For >250 To 500, Deduct	*-0.34*	
			For >500 To 1,000, Deduct	*-1.00*	
			For >1,000, Deduct	*-1.42*	
			For Installation In Metal Stud Wall, Add	*1.00*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*2.51*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.50*	
26 05 33 13-0067		LF	2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	24.79	5.47
			For Work In Restricted Working Space, Add	*4.10*	
			For Elevated Installation >15' To 20', Add	*2.74*	
			For >250 To 500, Deduct	*-0.56*	
			For >500 To 1,000, Deduct	*-1.52*	
			For >1,000, Deduct	*-2.14*	
			For Installation In Metal Stud Wall, Add	*1.37*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*3.42*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.05*	
26 05 33 13-0068		LF	3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	32.37	7.30
			For Work In Restricted Working Space, Add	*5.47*	
			For Elevated Installation >15' To 20', Add	*3.65*	
			For >250 To 500, Deduct	*-0.71*	
			For >500 To 1,000, Deduct	*-1.97*	
			For >1,000, Deduct	*-2.78*	
			For Installation In Metal Stud Wall, Add	*1.82*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*4.56*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.74*	
26 05 33 13-0069		LF	3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	40.04	9.12
			For Work In Restricted Working Space, Add	*6.84*	
			For Elevated Installation >15' To 20', Add	*4.56*	
			For >250 To 500, Deduct	*-0.86*	
			For >500 To 1,000, Deduct	*-2.43*	
			For >1,000, Deduct	*-3.43*	
			For Installation In Metal Stud Wall, Add	*2.28*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*5.70*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.42*	
26 05 33 13-0070		LF	4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	47.42	10.94
			For Work In Restricted Working Space, Add	*8.21*	
			For Elevated Installation >15' To 20', Add	*5.47*	
			For >250 To 500, Deduct	*-1.00*	
			For >500 To 1,000, Deduct	*-2.87*	
			For >1,000, Deduct	*-4.06*	
			For Installation In Metal Stud Wall, Add	*2.74*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*6.84*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.10*	
26 05 33 13-0071		LF	5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	75.32	13.86
			For Work In Restricted Working Space, Add	*10.40*	
			For Elevated Installation >15' To 20', Add	*6.93*	
			For >250 To 500, Deduct	*-2.03*	
			For >500 To 1,000, Deduct	*-4.78*	
			For >1,000, Deduct	*-6.67*	
			For Installation In Metal Stud Wall, Add	*3.47*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*8.66*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*5.20*	
26 05 33 13-0072		LF	6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	100.93	17.51
			For Work In Restricted Working Space, Add	*13.13*	
			For Elevated Installation >15' To 20', Add	*8.75*	
			For >250 To 500, Deduct	*-2.86*	
			For >500 To 1,000, Deduct	*-6.48*	
			For >1,000, Deduct	*-9.00*	
			For Installation In Metal Stud Wall, Add	*4.38*	
			For Installation In Wood Stud Wall (Includes Drilling), Add	*10.94*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*6.57*	

26 05 33 13-0073 Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0074		EA	1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	26.34	9.03
			For Work In Restricted Working Space, Add	*6.79*	
			For Elevated Installation >15' To 20', Add	*4.53*	
26 05 33 13-0075		EA	3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	33.03	11.21
			For Work In Restricted Working Space, Add	*8.45*	
			For Elevated Installation >15' To 20', Add	*5.63*	
26 05 33 13-0076		EA	1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	41.83	13.77
			For Work In Restricted Working Space, Add	*10.30*	
			For Elevated Installation >15' To 20', Add	*6.87*	
26 05 33 13-0077		EA	1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	52.71	15.95
			For Work In Restricted Working Space, Add	*11.96*	
			For Elevated Installation >15' To 20', Add	*7.97*	
26 05 33 13-0078		EA	1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	61.07	18.33
			For Work In Restricted Working Space, Add	*13.73*	
			For Elevated Installation >15' To 20', Add	*9.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0079	EA	2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	71.37	20.15
		For Work In Restricted Working Space, Add	*15.10*	
		For Elevated Installation >15' To 20', Add	*10.07*	
26 05 33 13-0080	EA	2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	100.42	25.17
		For Work In Restricted Working Space, Add	*18.88*	
		For Elevated Installation >15' To 20', Add	*12.58*	
26 05 33 13-0081	EA	3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	141.54	34.29
		For Work In Restricted Working Space, Add	*25.71*	
		For Elevated Installation >15' To 20', Add	*17.14*	
26 05 33 13-0082	EA	3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	183.96	38.66
		For Work In Restricted Working Space, Add	*29.00*	
		For Elevated Installation >15' To 20', Add	*19.34*	
26 05 33 13-0083	EA	4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	226.40	50.34
		For Work In Restricted Working Space, Add	*37.75*	
		For Elevated Installation >15' To 20', Add	*25.16*	
26 05 33 13-0084	EA	5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	370.24	82.08
		For Work In Restricted Working Space, Add	*61.56*	
		For Elevated Installation >15' To 20', Add	*41.04*	
26 05 33 13-0085	EA	6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	556.55	123.29
		For Work In Restricted Working Space, Add	*92.46*	
		For Elevated Installation >15' To 20', Add	*61.64*	

26 05 33 13-0086 Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0087	EA	1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	26.34	9.03
		For Work In Restricted Working Space, Add	*6.79*	
		For Elevated Installation >15' To 20', Add	*4.53*	
26 05 33 13-0088	EA	3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	33.03	11.21
		For Work In Restricted Working Space, Add	*8.45*	
		For Elevated Installation >15' To 20', Add	*5.63*	
26 05 33 13-0089	EA	1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	41.83	13.77
		For Work In Restricted Working Space, Add	*10.30*	
		For Elevated Installation >15' To 20', Add	*6.87*	
26 05 33 13-0090	EA	1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	52.71	15.95
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >15' To 20', Add	*7.97*	
26 05 33 13-0091	EA	1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	61.07	18.33
		For Work In Restricted Working Space, Add	*13.73*	
		For Elevated Installation >15' To 20', Add	*9.15*	
26 05 33 13-0092	EA	2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	71.37	20.15
		For Work In Restricted Working Space, Add	*15.10*	
		For Elevated Installation >15' To 20', Add	*10.07*	
26 05 33 13-0093	EA	2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	98.90	25.17
		For Work In Restricted Working Space, Add	*18.88*	
		For Elevated Installation >15' To 20', Add	*12.58*	
26 05 33 13-0094	EA	3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	135.61	34.29
		For Work In Restricted Working Space, Add	*25.71*	
		For Elevated Installation >15' To 20', Add	*17.14*	
26 05 33 13-0095	EA	3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	175.62	38.66
		For Work In Restricted Working Space, Add	*29.00*	
		For Elevated Installation >15' To 20', Add	*19.34*	
26 05 33 13-0096	EA	4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	215.31	50.34
		For Work In Restricted Working Space, Add	*37.75*	
		For Elevated Installation >15' To 20', Add	*25.16*	
26 05 33 13-0097	EA	5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	370.24	82.08
		For Work In Restricted Working Space, Add	*61.56*	
		For Elevated Installation >15' To 20', Add	*41.04*	
26 05 33 13-0098	EA	6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	556.55	123.29
		For Work In Restricted Working Space, Add	*92.46*	
		For Elevated Installation >15' To 20', Add	*61.64*	

26 05 33 13-0099 Rigid Galvanized Steel (RGS) 12" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0100	EA	1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	62.92	22.53
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >15' To 20', Add	*9.01*	
26 05 33 13-0101	EA	1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	72.56	26.09
		For Work In Restricted Working Space, Add	*15.65*	
		For Elevated Installation >15' To 20', Add	*10.43*	
26 05 33 13-0102	EA	1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	83.72	29.63
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.86*	
26 05 33 13-0103	EA	2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	94.00	32.60
		For Work In Restricted Working Space, Add	*19.56*	
		For Elevated Installation >15' To 20', Add	*13.04*	

26 05 33 13-0104 Rigid Galvanized Steel (RGS) 15" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0105	EA	1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	67.56	22.53
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >15' To 20', Add	*9.01*	
26 05 33 13-0106	EA	1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	78.52	26.09
		For Work In Restricted Working Space, Add	*15.65*	
		For Elevated Installation >15' To 20', Add	*10.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0107	EA	1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	86.44	29.63
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.86*	
26 05 33 13-0108	EA	2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	97.03	32.60
		For Work In Restricted Working Space, Add	*19.56*	
		For Elevated Installation >15' To 20', Add	*13.04*	
26 05 33 13-0109	EA	2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	127.99	40.90
		For Work In Restricted Working Space, Add	*24.54*	
		For Elevated Installation >15' To 20', Add	*16.36*	
26 05 33 13-0110	EA	3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	172.53	55.72
		For Work In Restricted Working Space, Add	*33.43*	
		For Elevated Installation >15' To 20', Add	*22.29*	

26 05 33 13-0111 Rigid Galvanized Steel (RGS) 18" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0112	EA	1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	67.78	22.53
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >15' To 20', Add	*9.01*	
26 05 33 13-0113	EA	1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	77.93	26.09
		For Work In Restricted Working Space, Add	*15.65*	
		For Elevated Installation >15' To 20', Add	*10.43*	
26 05 33 13-0114	EA	1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	89.37	29.63
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.86*	
26 05 33 13-0115	EA	2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	103.60	32.60
		For Work In Restricted Working Space, Add	*19.56*	
		For Elevated Installation >15' To 20', Add	*13.04*	
26 05 33 13-0116	EA	2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	134.11	40.90
		For Work In Restricted Working Space, Add	*24.54*	
		For Elevated Installation >15' To 20', Add	*16.36*	
26 05 33 13-0117	EA	3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	177.47	55.72
		For Work In Restricted Working Space, Add	*33.43*	
		For Elevated Installation >15' To 20', Add	*22.29*	
26 05 33 13-0118	EA	3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	219.00	62.83
		For Work In Restricted Working Space, Add	*37.70*	
		For Elevated Installation >15' To 20', Add	*25.13*	
26 05 33 13-0119	EA	4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	267.88	81.80
		For Work In Restricted Working Space, Add	*49.08*	
		For Elevated Installation >15' To 20', Add	*32.72*	

26 05 33 13-0120 Rigid Galvanized Steel (RGS) 24" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0121	EA	1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	75.17	22.53
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >15' To 20', Add	*9.01*	
26 05 33 13-0122	EA	1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	85.18	26.09
		For Work In Restricted Working Space, Add	*15.65*	
		For Elevated Installation >15' To 20', Add	*10.43*	
26 05 33 13-0123	EA	1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	94.80	29.63
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.86*	
26 05 33 13-0124	EA	2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	111.60	32.60
		For Work In Restricted Working Space, Add	*19.56*	
		For Elevated Installation >15' To 20', Add	*13.04*	
26 05 33 13-0125	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	145.03	40.90
		For Work In Restricted Working Space, Add	*24.54*	
		For Elevated Installation >15' To 20', Add	*16.36*	
26 05 33 13-0126	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	194.59	55.72
		For Work In Restricted Working Space, Add	*33.43*	
		For Elevated Installation >15' To 20', Add	*22.29*	
26 05 33 13-0127	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	235.64	62.83
		For Work In Restricted Working Space, Add	*37.70*	
		For Elevated Installation >15' To 20', Add	*25.13*	
26 05 33 13-0128	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	281.15	81.80
		For Work In Restricted Working Space, Add	*49.08*	
		For Elevated Installation >15' To 20', Add	*32.72*	

26 05 33 13-0129 Rigid Galvanized Steel (RGS) 30" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0130	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	74.72	22.53
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >15' To 20', Add	*9.01*	
26 05 33 13-0131	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	90.58	26.09
		For Work In Restricted Working Space, Add	*15.65*	
		For Elevated Installation >15' To 20', Add	*10.43*	
26 05 33 13-0132	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	100.64	29.63
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.86*	
26 05 33 13-0133	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	119.23	32.60
		For Work In Restricted Working Space, Add	*19.56*	
		For Elevated Installation >15' To 20', Add	*13.04*	
26 05 33 13-0134	EA	2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	155.51	40.90
		For Work In Restricted Working Space, Add	*24.54*	
		For Elevated Installation >15' To 20', Add	*16.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0135	EA	3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	208.10	55.72
		For Work In Restricted Working Space, Add	*33.43*	
		For Elevated Installation >15' To 20', Add	*22.29*	
26 05 33 13-0136	EA	3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	252.10	62.83
		For Work In Restricted Working Space, Add	*37.70*	
		For Elevated Installation >15' To 20', Add	*25.13*	
26 05 33 13-0137	EA	4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	305.50	81.80
		For Work In Restricted Working Space, Add	*49.08*	
		For Elevated Installation >15' To 20', Add	*32.72*	
26 05 33 13-0138	EA	5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	449.01	133.37
		For Work In Restricted Working Space, Add	*80.02*	
		For Elevated Installation >15' To 20', Add	*53.35*	

26 05 33 13-0139 Rigid Galvanized Steel (RGS) 36" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0140	EA	1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	78.67	22.53
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >15' To 20', Add	*9.01*	
26 05 33 13-0141	EA	1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	93.23	26.09
		For Work In Restricted Working Space, Add	*15.65*	
		For Elevated Installation >15' To 20', Add	*10.43*	
26 05 33 13-0142	EA	1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	110.87	29.63
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.86*	
26 05 33 13-0143	EA	2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	125.19	32.60
		For Work In Restricted Working Space, Add	*19.56*	
		For Elevated Installation >15' To 20', Add	*13.04*	
26 05 33 13-0144	EA	2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	167.93	40.90
		For Work In Restricted Working Space, Add	*24.54*	
		For Elevated Installation >15' To 20', Add	*16.36*	
26 05 33 13-0145	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	219.66	55.72
		For Work In Restricted Working Space, Add	*33.43*	
		For Elevated Installation >15' To 20', Add	*22.29*	
26 05 33 13-0146	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	273.34	62.83
		For Work In Restricted Working Space, Add	*37.70*	
		For Elevated Installation >15' To 20', Add	*25.13*	
26 05 33 13-0147	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	316.96	81.80
		For Work In Restricted Working Space, Add	*49.08*	
		For Elevated Installation >15' To 20', Add	*32.72*	
26 05 33 13-0148	EA	5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	542.48	133.37
		For Work In Restricted Working Space, Add	*80.02*	
		For Elevated Installation >15' To 20', Add	*53.35*	
26 05 33 13-0149	EA	6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	703.65	200.36
		For Work In Restricted Working Space, Add	*120.21*	
		For Elevated Installation >15' To 20', Add	*80.14*	

26 05 33 13-0150 Rigid Galvanized Steel (RGS) 42" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0151	EA	1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	84.45	22.53
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >15' To 20', Add	*9.01*	
26 05 33 13-0152	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	100.29	26.09
		For Work In Restricted Working Space, Add	*15.65*	
		For Elevated Installation >15' To 20', Add	*10.43*	
26 05 33 13-0153	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	118.38	29.63
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.86*	
26 05 33 13-0154	EA	2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	133.05	32.60
		For Work In Restricted Working Space, Add	*19.56*	
		For Elevated Installation >15' To 20', Add	*13.04*	
26 05 33 13-0155	EA	2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	177.43	40.90
		For Work In Restricted Working Space, Add	*24.54*	
		For Elevated Installation >15' To 20', Add	*16.36*	
26 05 33 13-0156	EA	3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	236.60	55.72
		For Work In Restricted Working Space, Add	*33.43*	
		For Elevated Installation >15' To 20', Add	*22.29*	
26 05 33 13-0157	EA	3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	290.33	62.83
		For Work In Restricted Working Space, Add	*37.70*	
		For Elevated Installation >15' To 20', Add	*25.13*	
26 05 33 13-0158	EA	4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	365.84	81.80
		For Work In Restricted Working Space, Add	*49.08*	
		For Elevated Installation >15' To 20', Add	*32.72*	
26 05 33 13-0159	EA	5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	609.91	133.37
		For Work In Restricted Working Space, Add	*80.02*	
		For Elevated Installation >15' To 20', Add	*53.35*	
26 05 33 13-0160	EA	6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	762.03	200.36
		For Work In Restricted Working Space, Add	*120.21*	
		For Elevated Installation >15' To 20', Add	*80.14*	

26 05 33 13-0161 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow *(26 05 33 13-0059)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0162	EA	1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	89.26	22.53
		For Work In Restricted Working Space, Add	*13.52*	
		For Elevated Installation >15' To 20', Add	*9.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0163	EA	1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	105.73	26.09
		For Work In Restricted Working Space, Add	*15.65*	
		For Elevated Installation >15' To 20', Add	*10.43*	
26 05 33 13-0164	EA	1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	123.12	29.63
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.86*	
26 05 33 13-0165	EA	2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	147.71	32.60
		For Work In Restricted Working Space, Add	*19.56*	
		For Elevated Installation >15' To 20', Add	*13.04*	
26 05 33 13-0166	EA	2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	194.96	40.90
		For Work In Restricted Working Space, Add	*24.54*	
		For Elevated Installation >15' To 20', Add	*16.36*	
26 05 33 13-0167	EA	3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	253.67	55.72
		For Work In Restricted Working Space, Add	*33.43*	
		For Elevated Installation >15' To 20', Add	*22.29*	
26 05 33 13-0168	EA	3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	311.69	62.83
		For Work In Restricted Working Space, Add	*37.70*	
		For Elevated Installation >15' To 20', Add	*25.13*	
26 05 33 13-0169	EA	4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	391.78	81.80
		For Work In Restricted Working Space, Add	*49.08*	
		For Elevated Installation >15' To 20', Add	*32.72*	
26 05 33 13-0170	EA	5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	631.03	133.37
		For Work In Restricted Working Space, Add	*80.02*	
		For Elevated Installation >15' To 20', Add	*53.35*	
26 05 33 13-0171	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	773.85	200.36
		For Work In Restricted Working Space, Add	*120.21*	
		For Elevated Installation >15' To 20', Add	*80.14*	

26 05 33 13-0172 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing *(26 05 33 13-0059)*

26 05 33 13-0173	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	11.88	5.81
		For Work In Restricted Working Space, Add	*3.49*	
		For Elevated Installation >15' To 20', Add	*2.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.49*	
26 05 33 13-0174	EA	3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	12.75	6.20
		For Work In Restricted Working Space, Add	*3.72*	
		For Elevated Installation >15' To 20', Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.72*	
26 05 33 13-0175	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	14.47	6.97
		For Work In Restricted Working Space, Add	*4.19*	
		For Elevated Installation >15' To 20', Add	*2.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.19*	
26 05 33 13-0176	EA	1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	16.26	7.75
		For Work In Restricted Working Space, Add	*4.65*	
		For Elevated Installation >15' To 20', Add	*3.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.65*	
26 05 33 13-0177	EA	1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	20.41	9.69
		For Work In Restricted Working Space, Add	*5.81*	
		For Elevated Installation >15' To 20', Add	*3.88*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.81*	
26 05 33 13-0178	EA	2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	25.17	11.62
		For Work In Restricted Working Space, Add	*6.98*	
		For Elevated Installation >15' To 20', Add	*4.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.98*	
26 05 33 13-0179	EA	2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	31.37	13.57
		For Work In Restricted Working Space, Add	*8.14*	
		For Elevated Installation >15' To 20', Add	*5.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.14*	
26 05 33 13-0180	EA	3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	35.48	15.50
		For Work In Restricted Working Space, Add	*9.30*	
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-0181	EA	3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	41.08	14.59
		For Work In Restricted Working Space, Add	*10.46*	
		For Elevated Installation >15' To 20', Add	*6.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.46*	
26 05 33 13-0182	EA	4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	45.58	19.38
		For Work In Restricted Working Space, Add	*11.63*	
		For Elevated Installation >15' To 20', Add	*7.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.63*	
26 05 33 13-0183	EA	5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	54.28	21.32
		For Work In Restricted Working Space, Add	*12.79*	
		For Elevated Installation >15' To 20', Add	*8.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.79*	
26 05 33 13-0184	EA	6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	76.01	23.25
		For Work In Restricted Working Space, Add	*13.95*	
		For Elevated Installation >15' To 20', Add	*9.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.95*	

26 05 33 13-0185 Rigid Galvanized Steel (RGS) Steel Bushing *(26 05 33 13-0059)*

26 05 33 13-0186	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing	14.33	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0187	EA	3/4" Rigid Galvanized Steel (RGS) Steel Bushing	15.54	7.30
		For Work In Restricted Working Space, Add	*4.38*	
		For Elevated Installation >15' To 20', Add	*2.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.38*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0188		EA	1" Rigid Galvanized Steel (RGS) Steel Bushing	18.06	8.21
			For Work In Restricted Working Space, Add	*4.93*	
			For Elevated Installation >15' To 20', Add	*3.28*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-0189		EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	20.27	9.12
			For Work In Restricted Working Space, Add	*5.47*	
			For Elevated Installation >15' To 20', Add	*3.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 05 33 13-0190		EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	25.80	11.39
			For Work In Restricted Working Space, Add	*6.84*	
			For Elevated Installation >15' To 20', Add	*4.56*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0191		EA	2" Rigid Galvanized Steel (RGS) Steel Bushing	30.59	13.68
			For Work In Restricted Working Space, Add	*8.21*	
			For Elevated Installation >15' To 20', Add	*5.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.21*	
26 05 33 13-0192		EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	42.06	15.95
			For Work In Restricted Working Space, Add	*9.58*	
			For Elevated Installation >15' To 20', Add	*6.38*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.58*	
26 05 33 13-0193		EA	3" Rigid Galvanized Steel (RGS) Steel Bushing	49.79	18.24
			For Work In Restricted Working Space, Add	*10.94*	
			For Elevated Installation >15' To 20', Add	*7.30*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.94*	
26 05 33 13-0194		EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	72.12	20.51
			For Work In Restricted Working Space, Add	*12.31*	
			For Elevated Installation >15' To 20', Add	*8.21*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	
26 05 33 13-0195		EA	4" Rigid Galvanized Steel (RGS) Steel Bushing	96.00	22.80
			For Work In Restricted Working Space, Add	*13.68*	
			For Elevated Installation >15' To 20', Add	*9.12*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-0196		EA	5" Rigid Galvanized Steel (RGS) Steel Bushing	126.61	25.07
			For Work In Restricted Working Space, Add	*15.05*	
			For Elevated Installation >15' To 20', Add	*10.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-0197		EA	6" Rigid Galvanized Steel (RGS) Steel Bushing	183.75	27.36
			For Work In Restricted Working Space, Add	*16.42*	
			For Elevated Installation >15' To 20', Add	*10.94*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.42*	

26 05 33 13-0198 Rigid Galvanized Steel (RGS) Steel Insulated Bushing *(26 05 33 13-0059)*

26 05 33 13-0199		EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	15.09	6.83
			For Work In Restricted Working Space, Add	*4.10*	
			For Elevated Installation >15' To 20', Add	*2.74*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0200		EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	16.69	7.30
			For Work In Restricted Working Space, Add	*4.38*	
			For Elevated Installation >15' To 20', Add	*2.92*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.38*	
26 05 33 13-0201		EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	19.51	8.21
			For Work In Restricted Working Space, Add	*4.93*	
			For Elevated Installation >15' To 20', Add	*3.28*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-0202		EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	22.72	9.12
			For Work In Restricted Working Space, Add	*5.47*	
			For Elevated Installation >15' To 20', Add	*3.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 05 33 13-0203		EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	28.35	11.39
			For Work In Restricted Working Space, Add	*6.84*	
			For Elevated Installation >15' To 20', Add	*4.56*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0204		EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	35.12	13.68
			For Work In Restricted Working Space, Add	*8.21*	
			For Elevated Installation >15' To 20', Add	*5.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.21*	
26 05 33 13-0205		EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	48.20	15.95
			For Work In Restricted Working Space, Add	*9.58*	
			For Elevated Installation >15' To 20', Add	*6.38*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.58*	
26 05 33 13-0206		EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	56.98	18.24
			For Work In Restricted Working Space, Add	*10.94*	
			For Elevated Installation >15' To 20', Add	*7.30*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.94*	
26 05 33 13-0207		EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	73.46	20.51
			For Work In Restricted Working Space, Add	*12.31*	
			For Elevated Installation >15' To 20', Add	*8.21*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	
26 05 33 13-0208		EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	102.00	22.80
			For Work In Restricted Working Space, Add	*13.68*	
			For Elevated Installation >15' To 20', Add	*9.12*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-0209		EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	133.14	25.07
			For Work In Restricted Working Space, Add	*15.05*	
			For Elevated Installation >15' To 20', Add	*10.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0210	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	186.05	27.36
		For Work In Restricted Working Space, Add	*16.42*	
		For Elevated Installation >15' To 20', Add	*10.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.42*	

26 05 33 13-0211 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing *(26 05 33 13-0059)*

26 05 33 13-0212	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	22.11	8.21
		For Work In Restricted Working Space, Add	*4.93*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-0213	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	24.74	9.12
		For Work In Restricted Working Space, Add	*5.47*	
		For Elevated Installation >15' To 20', Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 05 33 13-0214	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	28.17	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0215	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	33.29	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0216	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	40.38	14.13
		For Work In Restricted Working Space, Add	*8.48*	
		For Elevated Installation >15' To 20', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.48*	
26 05 33 13-0217	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	50.56	16.87
		For Work In Restricted Working Space, Add	*10.12*	
		For Elevated Installation >15' To 20', Add	*6.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.12*	
26 05 33 13-0218	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	66.69	19.60
		For Work In Restricted Working Space, Add	*11.76*	
		For Elevated Installation >15' To 20', Add	*7.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.76*	
26 05 33 13-0219	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	73.95	22.80
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-0220	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	83.53	25.53
		For Work In Restricted Working Space, Add	*15.32*	
		For Elevated Installation >15' To 20', Add	*10.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.32*	
26 05 33 13-0221	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	106.23	28.27
		For Work In Restricted Working Space, Add	*16.96*	
		For Elevated Installation >15' To 20', Add	*11.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.96*	
26 05 33 13-0222	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	147.55	31.01
		For Work In Restricted Working Space, Add	*18.60*	
		For Elevated Installation >15' To 20', Add	*12.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.60*	
26 05 33 13-0223	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	200.25	34.19
		For Work In Restricted Working Space, Add	*20.52*	
		For Elevated Installation >15' To 20', Add	*13.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.52*	

26 05 33 13-0224 Rigid Galvanized Steel (RGS) Box Connectors With Set Screw *(26 05 33 13-0059)*

26 05 33 13-0225	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	12.99	4.20
		For Work In Restricted Working Space, Add	*3.12*	
		For Elevated Installation >15' To 20', Add	*2.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.12*	
26 05 33 13-0226	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	15.63	4.83
		For Work In Restricted Working Space, Add	*3.62*	
		For Elevated Installation >15' To 20', Add	*2.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	
26 05 33 13-0227	EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	20.24	5.83
		For Work In Restricted Working Space, Add	*4.36*	
		For Elevated Installation >15' To 20', Add	*2.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.36*	
26 05 33 13-0228	EA	1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	29.27	7.21
		For Work In Restricted Working Space, Add	*5.42*	
		For Elevated Installation >15' To 20', Add	*3.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.42*	
26 05 33 13-0229	EA	1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	39.57	9.67
		For Work In Restricted Working Space, Add	*7.26*	
		For Elevated Installation >15' To 20', Add	*4.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 33 13-0230	EA	2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	66.39	14.50
		For Work In Restricted Working Space, Add	*10.87*	
		For Elevated Installation >15' To 20', Add	*7.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.87*	
26 05 33 13-0231	EA	2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	114.77	16.05
		For Work In Restricted Working Space, Add	*12.04*	
		For Elevated Installation >15' To 20', Add	*8.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.04*	
26 05 33 13-0232	EA	3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	136.94	19.42
		For Work In Restricted Working Space, Add	*14.58*	
		For Elevated Installation >15' To 20', Add	*9.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0233	EA	3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	184.22	24.35
		For Work In Restricted Working Space, Add	*18.25*	
		For Elevated Installation >15' To 20', Add	*12.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.25*	
26 05 33 13-0234	EA	4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	216.14	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-0235	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	370.48	32.47
		For Work In Restricted Working Space, Add	*24.32*	
		For Elevated Installation >15' To 20', Add	*16.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.32*	
26 05 33 13-0236	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	441.50	36.48
		For Work In Restricted Working Space, Add	*27.35*	
		For Elevated Installation >15' To 20', Add	*18.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.35*	

26 05 33 13-0237 Rigid Galvanized Steel (RGS) Nipples *(26 05 33 13-0059)*

26 05 33 13-0238	EA	1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	12.72	5.92
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0239	EA	3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	14.64	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0240	EA	1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	18.68	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0241	EA	1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	21.77	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0242	EA	1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	24.83	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0243	EA	1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	12.79	5.92
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0244	EA	3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	14.75	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0245	EA	1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	18.79	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0246	EA	1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	21.94	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0247	EA	1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	25.09	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0248	EA	2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	28.30	12.77
		For Work In Restricted Working Space, Add	*7.66*	
		For Elevated Installation >15' To 20', Add	*5.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-0249	EA	1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	12.86	5.92
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0250	EA	3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	14.85	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0251	EA	1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	18.96	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0252	EA	1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	22.08	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0253	EA	1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	25.27	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0254	EA	2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	28.73	12.77
		For Work In Restricted Working Space, Add	*7.66*	
		For Elevated Installation >15' To 20', Add	*5.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0255	EA	2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	37.62	15.50
		For Work In Restricted Working Space, Add	*9.30*	
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-0256	EA	3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	50.98	21.43
		For Work In Restricted Working Space, Add	*12.86*	
		For Elevated Installation >15' To 20', Add	*8.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-0257	EA	1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	12.96	5.92
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0258	EA	3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	14.90	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0259	EA	1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	19.18	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0260	EA	1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	22.36	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0261	EA	1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	25.63	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0262	EA	2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple	29.17	12.77
		For Work In Restricted Working Space, Add	*7.66*	
		For Elevated Installation >15' To 20', Add	*5.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-0263	EA	2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	38.82	15.50
		For Work In Restricted Working Space, Add	*9.30*	
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-0264	EA	3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	52.02	21.43
		For Work In Restricted Working Space, Add	*12.86*	
		For Elevated Installation >15' To 20', Add	*8.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-0265	EA	1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	13.05	5.92
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0266	EA	3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	15.07	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0267	EA	1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	19.31	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0268	EA	1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	22.49	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0269	EA	1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	25.88	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0270	EA	2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	29.55	12.77
		For Work In Restricted Working Space, Add	*7.66*	
		For Elevated Installation >15' To 20', Add	*5.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-0271	EA	2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	39.19	15.50
		For Work In Restricted Working Space, Add	*9.30*	
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-0272	EA	3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	52.79	21.43
		For Work In Restricted Working Space, Add	*12.86*	
		For Elevated Installation >15' To 20', Add	*8.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-0273	EA	3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	60.42	24.16
		For Work In Restricted Working Space, Add	*14.50*	
		For Elevated Installation >15' To 20', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-0274	EA	4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	76.49	31.46
		For Work In Restricted Working Space, Add	*18.87*	
		For Elevated Installation >15' To 20', Add	*12.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-0275	EA	1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	13.19	5.92
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0276	EA	3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	15.27	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0277	EA	1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	19.58	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0278	EA	1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	22.88	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0279	EA	1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	26.26	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0280	EA	2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	30.22	12.77
		For Work In Restricted Working Space, Add	*7.66*	
		For Elevated Installation >15' To 20', Add	*5.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-0281	EA	2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	40.68	15.50
		For Work In Restricted Working Space, Add	*9.30*	
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-0282	EA	3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	54.41	21.43
		For Work In Restricted Working Space, Add	*12.86*	
		For Elevated Installation >15' To 20', Add	*8.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-0283	EA	3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	62.03	24.16
		For Work In Restricted Working Space, Add	*14.50*	
		For Elevated Installation >15' To 20', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-0284	EA	4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	78.83	31.46
		For Work In Restricted Working Space, Add	*18.87*	
		For Elevated Installation >15' To 20', Add	*12.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-0285	EA	5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	117.52	43.31
		For Work In Restricted Working Space, Add	*25.99*	
		For Elevated Installation >15' To 20', Add	*17.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.99*	
26 05 33 13-0286	EA	6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	149.66	55.54
		For Work In Restricted Working Space, Add	*33.35*	
		For Elevated Installation >15' To 20', Add	*22.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.35*	
26 05 33 13-0287	EA	1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	13.45	5.92
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0288	EA	3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	15.54	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0289	EA	1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	19.79	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0290	EA	1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	23.23	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0291	EA	1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	27.05	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0292	EA	2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	30.90	12.77
		For Work In Restricted Working Space, Add	*7.66*	
		For Elevated Installation >15' To 20', Add	*5.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-0293	EA	2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	41.98	15.50
		For Work In Restricted Working Space, Add	*9.30*	
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-0294	EA	3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	56.05	21.43
		For Work In Restricted Working Space, Add	*12.86*	
		For Elevated Installation >15' To 20', Add	*8.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-0295	EA	3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	63.98	24.16
		For Work In Restricted Working Space, Add	*14.50*	
		For Elevated Installation >15' To 20', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-0296	EA	4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	80.69	31.46
		For Work In Restricted Working Space, Add	*18.87*	
		For Elevated Installation >15' To 20', Add	*12.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-0297	EA	5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	120.24	43.31
		For Work In Restricted Working Space, Add	*25.99*	
		For Elevated Installation >15' To 20', Add	*17.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.99*	
26 05 33 13-0298	EA	6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	153.64	55.54
		For Work In Restricted Working Space, Add	*33.35*	
		For Elevated Installation >15' To 20', Add	*22.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0299	EA	1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	14.39	5.92
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0300	EA	3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	16.74	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0301	EA	1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	21.21	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0302	EA	1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	25.25	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0303	EA	1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	29.31	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0304	EA	2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	33.27	12.77
		For Work In Restricted Working Space, Add	*7.66*	
		For Elevated Installation >15' To 20', Add	*5.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-0305	EA	2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	45.44	15.50
		For Work In Restricted Working Space, Add	*9.30*	
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-0306	EA	3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	60.02	21.43
		For Work In Restricted Working Space, Add	*12.86*	
		For Elevated Installation >15' To 20', Add	*8.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-0307	EA	3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	67.94	24.16
		For Work In Restricted Working Space, Add	*14.50*	
		For Elevated Installation >15' To 20', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-0308	EA	4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	85.06	31.46
		For Work In Restricted Working Space, Add	*18.87*	
		For Elevated Installation >15' To 20', Add	*12.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-0309	EA	5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	126.55	43.31
		For Work In Restricted Working Space, Add	*25.99*	
		For Elevated Installation >15' To 20', Add	*17.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.99*	
26 05 33 13-0310	EA	6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	160.73	55.54
		For Work In Restricted Working Space, Add	*33.35*	
		For Elevated Installation >15' To 20', Add	*22.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.35*	
26 05 33 13-0311	EA	1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	15.03	5.92
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0312	EA	3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	17.36	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0313	EA	1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	22.34	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0314	EA	1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	26.60	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0315	EA	1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	30.63	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0316	EA	2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	34.80	12.77
		For Work In Restricted Working Space, Add	*7.66*	
		For Elevated Installation >15' To 20', Add	*5.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-0317	EA	2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	47.77	15.50
		For Work In Restricted Working Space, Add	*9.30*	
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-0318	EA	3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	63.14	21.43
		For Work In Restricted Working Space, Add	*12.86*	
		For Elevated Installation >15' To 20', Add	*8.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-0319	EA	3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	72.06	24.16
		For Work In Restricted Working Space, Add	*14.50*	
		For Elevated Installation >15' To 20', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-0320	EA	4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	90.27	31.46
		For Work In Restricted Working Space, Add	*18.87*	
		For Elevated Installation >15' To 20', Add	*12.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0321	EA	5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	133.44	43.31
		For Work In Restricted Working Space, Add	*25.99*	
		For Elevated Installation >15' To 20', Add	*17.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.99*	
26 05 33 13-0322	EA	6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	173.12	55.54
		For Work In Restricted Working Space, Add	*33.35*	
		For Elevated Installation >15' To 20', Add	*22.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.35*	
26 05 33 13-0323	EA	1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	15.51	5.92
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0324	EA	3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	17.81	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0325	EA	1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	23.02	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0326	EA	1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	27.67	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-0327	EA	1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	31.29	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0328	EA	2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	36.09	12.77
		For Work In Restricted Working Space, Add	*7.66*	
		For Elevated Installation >15' To 20', Add	*5.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-0329	EA	2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	50.50	15.50
		For Work In Restricted Working Space, Add	*9.30*	
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-0330	EA	3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	67.49	21.43
		For Work In Restricted Working Space, Add	*12.86*	
		For Elevated Installation >15' To 20', Add	*8.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-0331	EA	3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	76.06	24.16
		For Work In Restricted Working Space, Add	*14.50*	
		For Elevated Installation >15' To 20', Add	*9.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-0332	EA	4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	95.49	31.46
		For Work In Restricted Working Space, Add	*18.87*	
		For Elevated Installation >15' To 20', Add	*12.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-0333	EA	5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	143.33	43.31
		For Work In Restricted Working Space, Add	*25.99*	
		For Elevated Installation >15' To 20', Add	*17.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.99*	
26 05 33 13-0334	EA	6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	180.00	55.54
		For Work In Restricted Working Space, Add	*33.35*	
		For Elevated Installation >15' To 20', Add	*22.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.35*	

26 05 33 13-0335 Rigid Galvanized Steel (RGS) Off-Set Nipples *(26 05 33 13-0059)*

26 05 33 13-0336	EA	1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple	13.33	4.74
		For Work In Restricted Working Space, Add	*3.59*	
		For Elevated Installation >15' To 20', Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 33 13-0337	EA	3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple	15.70	5.47
		For Work In Restricted Working Space, Add	*4.08*	
		For Elevated Installation >15' To 20', Add	*2.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.08*	
26 05 33 13-0338	EA	1" Rigid Galvanized Steel (RGS) Off-Set Nipple	19.80	6.93
		For Work In Restricted Working Space, Add	*5.22*	
		For Elevated Installation >15' To 20', Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 33 13-0339	EA	1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	24.73	8.30
		For Work In Restricted Working Space, Add	*6.26*	
		For Elevated Installation >15' To 20', Add	*4.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.26*	
26 05 33 13-0340	EA	1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	27.08	9.12
		For Work In Restricted Working Space, Add	*6.85*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.85*	
26 05 33 13-0341	EA	2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	34.86	11.21
		For Work In Restricted Working Space, Add	*8.43*	
		For Elevated Installation >15' To 20', Add	*5.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.43*	
26 05 33 13-0342	EA	2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	56.87	18.24
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0343	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	88.52	25.17
		For Work In Restricted Working Space, Add	*18.88*	
		For Elevated Installation >15' To 20', Add	*12.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.88*	
26 05 33 13-0344	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	108.48	29.73
		For Work In Restricted Working Space, Add	*22.17*	
		For Elevated Installation >15' To 20', Add	*14.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.17*	
26 05 33 13-0345	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	129.22	34.29
		For Work In Restricted Working Space, Add	*25.72*	
		For Elevated Installation >15' To 20', Add	*17.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.72*	

26 05 33 13-0346 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling *(26 05 33 13-0059)*

Note: Erickson fittings.

26 05 33 13-0347	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	38.30	14.59
		For Work In Restricted Working Space, Add	*10.96*	
		For Elevated Installation >15' To 20', Add	*7.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.96*	
26 05 33 13-0348	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	43.04	16.32
		For Work In Restricted Working Space, Add	*12.23*	
		For Elevated Installation >15' To 20', Add	*8.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.23*	
26 05 33 13-0349	EA	1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	49.62	18.15
		For Work In Restricted Working Space, Add	*13.62*	
		For Elevated Installation >15' To 20', Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.62*	
26 05 33 13-0350	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	58.66	19.88
		For Work In Restricted Working Space, Add	*14.91*	
		For Elevated Installation >15' To 20', Add	*9.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.91*	
26 05 33 13-0351	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	65.11	21.71
		For Work In Restricted Working Space, Add	*16.31*	
		For Elevated Installation >15' To 20', Add	*10.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.31*	
26 05 33 13-0352	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	80.41	23.53
		For Work In Restricted Working Space, Add	*17.66*	
		For Elevated Installation >15' To 20', Add	*11.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.66*	
26 05 33 13-0353	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	122.85	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-0354	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	166.91	36.48
		For Work In Restricted Working Space, Add	*27.36*	
		For Elevated Installation >15' To 20', Add	*18.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.36*	
26 05 33 13-0355	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	235.59	43.77
		For Work In Restricted Working Space, Add	*32.84*	
		For Elevated Installation >15' To 20', Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.84*	
26 05 33 13-0356	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	266.85	47.42
		For Work In Restricted Working Space, Add	*35.56*	
		For Elevated Installation >15' To 20', Add	*23.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.56*	
26 05 33 13-0357	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	450.28	58.36
		For Work In Restricted Working Space, Add	*43.77*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.77*	
26 05 33 13-0358	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	574.41	67.48
		For Work In Restricted Working Space, Add	*50.61*	
		For Elevated Installation >15' To 20', Add	*33.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.61*	

26 05 33 13-0359 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0059)*

26 05 33 13-0360	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	21.93	7.30
		For Work In Restricted Working Space, Add	*5.47*	
		For Elevated Installation >15' To 20', Add	*3.65*	
26 05 33 13-0361	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	24.43	8.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
26 05 33 13-0362	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	28.00	9.12
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
26 05 33 13-0363	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	31.48	9.85
		For Work In Restricted Working Space, Add	*7.39*	
		For Elevated Installation >15' To 20', Add	*4.92*	
26 05 33 13-0364	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	36.93	10.94
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
26 05 33 13-0365	EA	2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	44.24	12.04
		For Work In Restricted Working Space, Add	*9.03*	
		For Elevated Installation >15' To 20', Add	*6.02*	
26 05 33 13-0366	EA	2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	59.16	14.59
		For Work In Restricted Working Space, Add	*10.94*	
		For Elevated Installation >15' To 20', Add	*7.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0367	EA	3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	73.27	18.24
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
26 05 33 13-0368	EA	3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	88.00	21.89
		For Work In Restricted Working Space, Add	*16.42*	
		For Elevated Installation >15' To 20', Add	*10.94*	
26 05 33 13-0369	EA	4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	98.81	23.71
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.86*	

26 05 33 13-0370 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs *(26 05 33 13-0059)*

26 05 33 13-0371	EA	1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	19.55	8.21
		For Work In Restricted Working Space, Add	*4.93*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-0372	EA	3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	21.78	9.12
		For Work In Restricted Working Space, Add	*5.47*	
		For Elevated Installation >15' To 20', Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 05 33 13-0373	EA	1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	26.95	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0374	EA	1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	33.00	13.68
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.21*	
26 05 33 13-0375	EA	1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	42.67	18.24
		For Work In Restricted Working Space, Add	*10.94*	
		For Elevated Installation >15' To 20', Add	*7.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.94*	
26 05 33 13-0376	EA	2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	49.32	20.51
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	
26 05 33 13-0377	EA	2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	59.65	22.80
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-0378	EA	3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	79.48	28.72
		For Work In Restricted Working Space, Add	*17.24*	
		For Elevated Installation >15' To 20', Add	*11.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 05 33 13-0379	EA	3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	94.61	34.65
		For Work In Restricted Working Space, Add	*20.79*	
		For Elevated Installation >15' To 20', Add	*13.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.79*	
26 05 33 13-0380	EA	4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	115.43	41.04
		For Work In Restricted Working Space, Add	*24.62*	
		For Elevated Installation >15' To 20', Add	*16.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	

26 05 33 13-0381 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement *(26 05 33 13-0059)*

Note: Type AX

26 05 33 13-0382	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	94.81	14.59
		For Work In Restricted Working Space, Add	*10.95*	
		For Elevated Installation >15' To 20', Add	*7.30*	
26 05 33 13-0383	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	107.61	16.42
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >15' To 20', Add	*8.21*	
26 05 33 13-0384	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	127.50	18.24
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
26 05 33 13-0385	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	156.24	20.06
		For Work In Restricted Working Space, Add	*15.05*	
		For Elevated Installation >15' To 20', Add	*10.03*	
26 05 33 13-0386	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	196.49	21.89
		For Work In Restricted Working Space, Add	*16.42*	
		For Elevated Installation >15' To 20', Add	*10.94*	
26 05 33 13-0387	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	271.93	23.71
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.85*	
26 05 33 13-0388	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	416.73	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
26 05 33 13-0389	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	533.95	36.48
		For Work In Restricted Working Space, Add	*27.36*	
		For Elevated Installation >15' To 20', Add	*18.24*	
26 05 33 13-0390	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	779.93	43.77
		For Work In Restricted Working Space, Add	*32.83*	
		For Elevated Installation >15' To 20', Add	*21.89*	
26 05 33 13-0391	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	831.36	47.42
		For Work In Restricted Working Space, Add	*35.56*	
		For Elevated Installation >15' To 20', Add	*23.71*	
26 05 33 13-0392	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,274.05	58.36
		For Work In Restricted Working Space, Add	*43.77*	
		For Elevated Installation >15' To 20', Add	*29.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0393	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,565.39	64.75
		For Work In Restricted Working Space, Add	*48.59*	
		For Elevated Installation >15' To 20', Add	*32.39*	

26 05 33 13-0394 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0059)*

Note: Type AX-8

26 05 33 13-0395	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	104.55	14.59
		For Work In Restricted Working Space, Add	*10.95*	
		For Elevated Installation >15' To 20', Add	*7.30*	
26 05 33 13-0396	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	116.25	16.42
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >15' To 20', Add	*8.21*	
26 05 33 13-0397	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	141.05	18.24
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
26 05 33 13-0398	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	177.59	20.06
		For Work In Restricted Working Space, Add	*15.05*	
		For Elevated Installation >15' To 20', Add	*10.03*	
26 05 33 13-0399	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	238.91	21.89
		For Work In Restricted Working Space, Add	*16.42*	
		For Elevated Installation >15' To 20', Add	*10.94*	
26 05 33 13-0400	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	292.19	23.71
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.85*	
26 05 33 13-0401	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	548.12	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
26 05 33 13-0402	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	623.67	36.48
		For Work In Restricted Working Space, Add	*27.36*	
		For Elevated Installation >15' To 20', Add	*18.24*	
26 05 33 13-0403	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	957.23	43.77
		For Work In Restricted Working Space, Add	*32.83*	
		For Elevated Installation >15' To 20', Add	*21.89*	
26 05 33 13-0404	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,036.29	47.42
		For Work In Restricted Working Space, Add	*35.56*	
		For Elevated Installation >15' To 20', Add	*23.71*	
26 05 33 13-0405	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,446.80	58.36
		For Work In Restricted Working Space, Add	*43.77*	
		For Elevated Installation >15' To 20', Add	*29.18*	
26 05 33 13-0406	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,787.65	64.75
		For Work In Restricted Working Space, Add	*48.59*	
		For Elevated Installation >15' To 20', Add	*32.39*	

26 05 33 13-0407 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0059)*

Note: Type EX

26 05 33 13-0408	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	118.83	14.59
		For Work In Restricted Working Space, Add	*10.95*	
		For Elevated Installation >15' To 20', Add	*7.30*	
26 05 33 13-0409	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	149.89	16.42
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >15' To 20', Add	*8.21*	
26 05 33 13-0410	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	186.50	18.24
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
26 05 33 13-0411	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	226.80	20.06
		For Work In Restricted Working Space, Add	*15.05*	
		For Elevated Installation >15' To 20', Add	*10.03*	
26 05 33 13-0412	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	305.54	21.89
		For Work In Restricted Working Space, Add	*16.42*	
		For Elevated Installation >15' To 20', Add	*10.94*	
26 05 33 13-0413	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	420.96	23.71
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.85*	
26 05 33 13-0414	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	654.13	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
26 05 33 13-0415	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	881.78	36.48
		For Work In Restricted Working Space, Add	*27.36*	
		For Elevated Installation >15' To 20', Add	*18.24*	
26 05 33 13-0416	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,324.35	43.77
		For Work In Restricted Working Space, Add	*32.83*	
		For Elevated Installation >15' To 20', Add	*21.89*	
26 05 33 13-0417	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,370.68	47.42
		For Work In Restricted Working Space, Add	*35.56*	
		For Elevated Installation >15' To 20', Add	*23.71*	
26 05 33 13-0418	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	2,063.20	58.36
		For Work In Restricted Working Space, Add	*43.77*	
		For Elevated Installation >15' To 20', Add	*29.18*	
26 05 33 13-0419	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	2,557.95	64.75
		For Work In Restricted Working Space, Add	*48.59*	
		For Elevated Installation >15' To 20', Add	*32.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 33 13-0420 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings *(26 05 33 13-0059)*

Note: Type DX

26 05 33 13-0421	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	206.81	14.59
		For Work In Restricted Working Space, Add	*10.95*	
		For Elevated Installation >15' To 20', Add	*7.30*	
26 05 33 13-0422	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	246.39	16.42
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >15' To 20', Add	*8.21*	
26 05 33 13-0423	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	297.85	18.24
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
26 05 33 13-0424	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	350.18	20.06
		For Work In Restricted Working Space, Add	*15.05*	
		For Elevated Installation >15' To 20', Add	*10.03*	
26 05 33 13-0425	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	387.26	21.89
		For Work In Restricted Working Space, Add	*16.42*	
		For Elevated Installation >15' To 20', Add	*10.94*	
26 05 33 13-0426	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	478.66	23.71
		For Work In Restricted Working Space, Add	*17.78*	
		For Elevated Installation >15' To 20', Add	*11.85*	
26 05 33 13-0427	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	632.70	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
26 05 33 13-0428	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	802.39	36.48
		For Work In Restricted Working Space, Add	*27.36*	
		For Elevated Installation >15' To 20', Add	*18.24*	
26 05 33 13-0429	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	902.80	43.77
		For Work In Restricted Working Space, Add	*32.83*	
		For Elevated Installation >15' To 20', Add	*21.89*	
26 05 33 13-0430	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,094.86	47.42
		For Work In Restricted Working Space, Add	*35.56*	
		For Elevated Installation >15' To 20', Add	*23.71*	
26 05 33 13-0431	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,872.99	58.36
		For Work In Restricted Working Space, Add	*43.77*	
		For Elevated Installation >15' To 20', Add	*29.18*	
26 05 33 13-0432	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	2,978.59	64.75
		For Work In Restricted Working Space, Add	*48.59*	
		For Elevated Installation >15' To 20', Add	*32.39*	

26 05 33 13-0433 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers *(26 05 33 13-0059)*

26 05 33 13-0434	EA	1/2" To 3/4" Conduit, 14" Bonding Jumper	53.36	7.30
		For Work In Restricted Working Space, Add	*5.47*	
		For Elevated Installation >15' To 20', Add	*3.65*	
26 05 33 13-0435	EA	1" To 1-1/4" Conduit, 14" Bonding Jumper	61.46	9.12
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
26 05 33 13-0436	EA	1-1/2" To 2" Conduit, 14" Bonding Jumper	75.78	10.94
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
26 05 33 13-0437	EA	2-1/2" To 3" Conduit, 14" Bonding Jumper	106.45	14.59
		For Work In Restricted Working Space, Add	*10.94*	
		For Elevated Installation >15' To 20', Add	*7.30*	
26 05 33 13-0438	EA	3-1/2" To 4" Conduit, 14" Bonding Jumper	161.28	21.89
		For Work In Restricted Working Space, Add	*16.42*	
		For Elevated Installation >15' To 20', Add	*10.94*	
26 05 33 13-0439	EA	5" To 6" Conduit, 14" Bonding Jumper	275.42	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
26 05 33 13-0440	EA	1/2" To 3/4" Conduit, 24" Bonding Jumper	59.37	7.30
		For Work In Restricted Working Space, Add	*5.47*	
		For Elevated Installation >15' To 20', Add	*3.65*	
26 05 33 13-0441	EA	1" To 1-1/4" Conduit, 24" Bonding Jumper	69.06	9.12
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
26 05 33 13-0442	EA	1-1/2" To 2" Conduit, 24" Bonding Jumper	82.74	10.94
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
26 05 33 13-0443	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper	115.69	14.59
		For Work In Restricted Working Space, Add	*10.94*	
		For Elevated Installation >15' To 20', Add	*7.30*	
26 05 33 13-0444	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper	173.54	21.89
		For Work In Restricted Working Space, Add	*16.42*	
		For Elevated Installation >15' To 20', Add	*10.94*	
26 05 33 13-0445	EA	5" To 6" Conduit, 24" Bonding Jumper	314.96	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	

26 05 33 13-0446 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0059)*

26 05 33 13-0447	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	71.22	22.80
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0448	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	84.80	27.36
		For Work In Restricted Working Space, Add	*16.42*	
		For Elevated Installation >15' To 20', Add	*10.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.42*	
26 05 33 13-0449	EA	1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	102.50	31.92
		For Work In Restricted Working Space, Add	*19.15*	
		For Elevated Installation >15' To 20', Add	*12.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.15*	
26 05 33 13-0450	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	119.91	36.48
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-0451	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	152.77	41.04
		For Work In Restricted Working Space, Add	*24.62*	
		For Elevated Installation >15' To 20', Add	*16.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	
26 05 33 13-0452	EA	2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	182.78	45.60
		For Work In Restricted Working Space, Add	*27.36*	
		For Elevated Installation >15' To 20', Add	*18.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.36*	
26 05 33 13-0453	EA	2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	251.73	54.72
		For Work In Restricted Working Space, Add	*32.83*	
		For Elevated Installation >15' To 20', Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.83*	
26 05 33 13-0454	EA	3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	301.49	63.84
		For Work In Restricted Working Space, Add	*38.30*	
		For Elevated Installation >15' To 20', Add	*25.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.30*	
26 05 33 13-0455	EA	3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	647.23	72.96
		For Work In Restricted Working Space, Add	*43.77*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.77*	
26 05 33 13-0456	EA	4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	744.35	82.08
		For Work In Restricted Working Space, Add	*49.25*	
		For Elevated Installation >15' To 20', Add	*32.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.25*	

26 05 33 13-0457 Rigid Galvanized Steel (RGS) Threaded Couplings *(26 05 33 13-0059)*

26 05 33 13-0458	EA	1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	11.87	5.47
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	
26 05 33 13-0459	EA	3/4" Rigid Galvanized Steel (RGS) Threaded Coupling	16.67	7.75
		For Work In Restricted Working Space, Add	*4.65*	
		For Elevated Installation >15' To 20', Add	*3.10*	
26 05 33 13-0460	EA	1" Rigid Galvanized Steel (RGS) Threaded Coupling	21.84	10.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Elevated Installation >15' To 20', Add	*4.01*	
26 05 33 13-0461	EA	1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling	25.05	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
26 05 33 13-0462	EA	1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	30.17	13.68
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
26 05 33 13-0463	EA	2" Rigid Galvanized Steel (RGS) Threaded Coupling	35.20	15.50
		For Work In Restricted Working Space, Add	*9.30*	
		For Elevated Installation >15' To 20', Add	*6.20*	
26 05 33 13-0464	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	44.06	17.33
		For Work In Restricted Working Space, Add	*10.40*	
		For Elevated Installation >15' To 20', Add	*6.93*	
26 05 33 13-0465	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling	51.44	19.60
		For Work In Restricted Working Space, Add	*11.76*	
		For Elevated Installation >15' To 20', Add	*7.84*	
26 05 33 13-0466	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	59.39	21.43
		For Work In Restricted Working Space, Add	*12.86*	
		For Elevated Installation >15' To 20', Add	*8.57*	
26 05 33 13-0467	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling	62.81	22.80
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	

26 05 33 13-0468 Rigid Galvanized Steel (RGS) Sealing Locknut *(26 05 33 13-0059)*

26 05 33 13-0469	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	2.64	0.91
26 05 33 13-0470	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Locknut	3.69	1.36
26 05 33 13-0471	EA	1" Rigid Galvanized Steel (RGS) Sealing Locknut	6.13	2.28
26 05 33 13-0472	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut	8.83	3.19
26 05 33 13-0473	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	10.53	3.65
26 05 33 13-0474	EA	2" Rigid Galvanized Steel (RGS) Sealing Locknut	12.32	4.11

26 05 33 13-0475 Rigid Galvanized Steel (RGS) Fire Stop Fittings *(26 05 33 13-0059)*

26 05 33 13-0476	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	129.72	11.07
		For Work In Restricted Working Space, Add	*8.30*	
		For Elevated Installation >15' To 20', Add	*5.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.30*	
26 05 33 13-0477	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	132.38	12.13
		For Work In Restricted Working Space, Add	*9.10*	
		For Elevated Installation >15' To 20', Add	*6.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0478	EA	1" Rigid Galvanized Steel (RGS) Fire Stop Fitting	158.12	13.32
		For Work In Restricted Working Space, Add	*9.97*	
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.97*	
26 05 33 13-0479	EA	1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	173.60	14.59
		For Work In Restricted Working Space, Add	*10.95*	
		For Elevated Installation >15' To 20', Add	*7.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.95*	
26 05 33 13-0480	EA	1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	197.93	16.42
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	
26 05 33 13-0481	EA	2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	289.33	18.24
		For Work In Restricted Working Space, Add	*13.69*	
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.69*	
26 05 33 13-0482	EA	2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	335.00	24.35
		For Work In Restricted Working Space, Add	*18.25*	
		For Elevated Installation >15' To 20', Add	*12.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.25*	
26 05 33 13-0483	EA	3" Rigid Galvanized Steel (RGS) Fire Stop Fitting	371.48	26.72
		For Work In Restricted Working Space, Add	*20.05*	
		For Elevated Installation >15' To 20', Add	*13.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.05*	
26 05 33 13-0484	EA	3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	430.92	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-0485	EA	4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	485.72	32.83
		For Work In Restricted Working Space, Add	*24.62*	
		For Elevated Installation >15' To 20', Add	*16.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	
26 05 33 13-0486	EA	5" Rigid Galvanized Steel (RGS) Fire Stop Fitting	647.15	36.48
		For Work In Restricted Working Space, Add	*27.36*	
		For Elevated Installation >15' To 20', Add	*18.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.36*	
26 05 33 13-0487	EA	6" Rigid Galvanized Steel (RGS) Fire Stop Fitting	801.90	40.49
		For Work In Restricted Working Space, Add	*30.37*	
		For Elevated Installation >15' To 20', Add	*20.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.37*	

26 05 33 13-0488 Rigid Galvanized Steel (RGS) Reducing Bushings *(26 05 33 13-0059)*

26 05 33 13-0489	EA	3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	14.77	7.07
		For Work In Restricted Working Space, Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.24*	
26 05 33 13-0490	EA	1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	16.21	7.53
		For Work In Restricted Working Space, Add	*4.51*	
		For Elevated Installation >15' To 20', Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.51*	
26 05 33 13-0491	EA	1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	16.67	7.75
		For Work In Restricted Working Space, Add	*4.65*	
		For Elevated Installation >15' To 20', Add	*3.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.65*	
26 05 33 13-0492	EA	1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	18.98	7.98
		For Work In Restricted Working Space, Add	*4.79*	
		For Elevated Installation >15' To 20', Add	*3.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 05 33 13-0493	EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	19.45	8.21
		For Work In Restricted Working Space, Add	*4.93*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-0494	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	20.36	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0495	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	21.91	9.12
		For Work In Restricted Working Space, Add	*5.47*	
		For Elevated Installation >15' To 20', Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 05 33 13-0496	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	22.36	9.35
		For Work In Restricted Working Space, Add	*5.61*	
		For Elevated Installation >15' To 20', Add	*3.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.61*	
26 05 33 13-0497	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	23.27	9.80
		For Work In Restricted Working Space, Add	*5.88*	
		For Elevated Installation >15' To 20', Add	*3.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.88*	
26 05 33 13-0498	EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	24.18	10.26
		For Work In Restricted Working Space, Add	*6.15*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.15*	
26 05 33 13-0499	EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	28.57	10.26
		For Work In Restricted Working Space, Add	*6.15*	
		For Elevated Installation >15' To 20', Add	*4.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0500	EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	29.03	10.48
		For Work In Restricted Working Space, Add	*6.29*	
		For Elevated Installation >15' To 20', Add	*4.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 05 33 13-0501	EA	2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	29.95	10.94
		For Work In Restricted Working Space, Add	*6.57*	
		For Elevated Installation >15' To 20', Add	*4.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.57*	
26 05 33 13-0502	EA	2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	30.86	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0503	EA	2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	33.13	12.54
		For Work In Restricted Working Space, Add	*7.52*	
		For Elevated Installation >15' To 20', Add	*5.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.52*	
26 05 33 13-0504	EA	2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	41.58	14.82
		For Work In Restricted Working Space, Add	*8.89*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	

26 05 33 13-0505 Rigid Galvanized Steel (RGS) Locknuts *(26 05 33 13-0059)*

26 05 33 13-0506	EA	1/2" Rigid Galvanized Steel (RGS) Locknuts	1.88	0.91
		For Work In Restricted Working Space, Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*0.36*	
26 05 33 13-0507	EA	3/4" Rigid Galvanized Steel (RGS) Locknuts	2.82	1.36
		For Work In Restricted Working Space, Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*0.55*	
26 05 33 13-0508	EA	1" Rigid Galvanized Steel (RGS) Locknuts	4.70	2.28
		For Work In Restricted Working Space, Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*0.91*	
26 05 33 13-0509	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts	6.60	3.19
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*1.28*	
26 05 33 13-0510	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts	7.59	3.65
		For Work In Restricted Working Space, Add	*2.19*	
		For Elevated Installation >15' To 20', Add	*1.46*	
26 05 33 13-0511	EA	2" Rigid Galvanized Steel (RGS) Locknuts	8.57	4.11
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*1.64*	
26 05 33 13-0512	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts	11.90	5.47
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	
26 05 33 13-0513	EA	3" Rigid Galvanized Steel (RGS) Locknuts	14.73	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
26 05 33 13-0514	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts	17.25	7.75
		For Work In Restricted Working Space, Add	*4.65*	
		For Elevated Installation >15' To 20', Add	*3.10*	
26 05 33 13-0515	EA	4" Rigid Galvanized Steel (RGS) Locknuts	19.35	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	

26 05 33 13-0516 Rigid Galvanized Steel (RGS) Grounding Locknuts *(26 05 33 13-0059)*

26 05 33 13-0517	EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	2.70	0.91
		For Work In Restricted Working Space, Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*0.36*	
26 05 33 13-0518	EA	3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	3.79	1.36
		For Work In Restricted Working Space, Add	*0.82*	
		For Elevated Installation >15' To 20', Add	*0.55*	
26 05 33 13-0519	EA	1" Rigid Galvanized Steel (RGS) Grounding Locknuts	6.06	2.28
		For Work In Restricted Working Space, Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*0.91*	
26 05 33 13-0520	EA	1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	8.47	3.19
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*1.28*	
26 05 33 13-0521	EA	1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	9.59	3.65
		For Work In Restricted Working Space, Add	*2.19*	
		For Elevated Installation >15' To 20', Add	*1.46*	
26 05 33 13-0522	EA	2" Rigid Galvanized Steel (RGS) Grounding Locknuts	11.19	4.11
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*1.64*	
26 05 33 13-0523	EA	2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	16.48	5.47
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	
26 05 33 13-0524	EA	3" Rigid Galvanized Steel (RGS) Grounding Locknuts	20.72	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
26 05 33 13-0525	EA	3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	26.92	7.75
		For Work In Restricted Working Space, Add	*4.65*	
		For Elevated Installation >15' To 20', Add	*3.10*	
26 05 33 13-0526	EA	4" Rigid Galvanized Steel (RGS) Grounding Locknuts	32.06	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	

26 05 33 13-0527 Rigid Galvanized Steel (RGS) Insulated Ground Bushing *(26 05 33 13-0059)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0528		EA	1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	7.66	2.74
			For Work In Restricted Working Space, Add	*1.64*	
			For Elevated Installation >15' To 20', Add	*1.09*	
26 05 33 13-0529		EA	3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	9.67	3.65
			For Work In Restricted Working Space, Add	*2.19*	
			For Elevated Installation >15' To 20', Add	*1.46*	
26 05 33 13-0530		EA	1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	12.32	4.56
			For Work In Restricted Working Space, Add	*2.74*	
			For Elevated Installation >15' To 20', Add	*1.82*	
26 05 33 13-0531		EA	1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	18.16	7.30
			For Work In Restricted Working Space, Add	*4.38*	
			For Elevated Installation >15' To 20', Add	*2.92*	
26 05 33 13-0532		EA	1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	20.46	8.21
			For Work In Restricted Working Space, Add	*4.93*	
			For Elevated Installation >15' To 20', Add	*3.28*	
26 05 33 13-0533		EA	2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	23.19	9.12
			For Work In Restricted Working Space, Add	*5.47*	
			For Elevated Installation >15' To 20', Add	*3.65*	
26 05 33 13-0534		EA	2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	31.46	10.94
			For Work In Restricted Working Space, Add	*6.57*	
			For Elevated Installation >15' To 20', Add	*4.38*	
26 05 33 13-0535		EA	3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	38.32	13.68
			For Work In Restricted Working Space, Add	*8.21*	
			For Elevated Installation >15' To 20', Add	*5.47*	
26 05 33 13-0536		EA	3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	47.80	18.24
			For Work In Restricted Working Space, Add	*10.94*	
			For Elevated Installation >15' To 20', Add	*7.30*	
26 05 33 13-0537		EA	4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	58.39	22.80
			For Work In Restricted Working Space, Add	*13.68*	
			For Elevated Installation >15' To 20', Add	*9.12*	

26 05 33 13-0538 Rigid Galvanized Steel (RGS) Threadless Compression Connectors *(26 05 33 13-0059)*

26 05 33 13-0539		EA	1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	17.95	8.21
			For Work In Restricted Working Space, Add	*4.93*	
			For Elevated Installation >15' To 20', Add	*3.28*	
26 05 33 13-0540		EA	3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	20.71	9.12
			For Work In Restricted Working Space, Add	*5.47*	
			For Elevated Installation >15' To 20', Add	*3.65*	
26 05 33 13-0541		EA	1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	26.66	11.39
			For Work In Restricted Working Space, Add	*6.84*	
			For Elevated Installation >15' To 20', Add	*4.56*	
26 05 33 13-0542		EA	1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	34.62	13.68
			For Work In Restricted Working Space, Add	*8.21*	
			For Elevated Installation >15' To 20', Add	*5.47*	
26 05 33 13-0543		EA	1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	46.53	18.24
			For Work In Restricted Working Space, Add	*10.94*	
			For Elevated Installation >15' To 20', Add	*7.30*	
26 05 33 13-0544		EA	2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	64.89	22.80
			For Work In Restricted Working Space, Add	*13.68*	
			For Elevated Installation >15' To 20', Add	*9.12*	
26 05 33 13-0545		EA	2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	99.21	27.36
			For Work In Restricted Working Space, Add	*16.42*	
			For Elevated Installation >15' To 20', Add	*10.94*	
26 05 33 13-0546		EA	3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	122.82	31.92
			For Work In Restricted Working Space, Add	*19.15*	
			For Elevated Installation >15' To 20', Add	*12.77*	
26 05 33 13-0547		EA	3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	154.60	38.75
			For Work In Restricted Working Space, Add	*23.26*	
			For Elevated Installation >15' To 20', Add	*15.50*	
26 05 33 13-0548		EA	4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	185.55	45.60
			For Work In Restricted Working Space, Add	*27.36*	
			For Elevated Installation >15' To 20', Add	*18.24*	

26 05 33 13-0549 Rigid Galvanized Steel (RGS) Compression Coupling *(26 05 33 13-0059)*

26 05 33 13-0550		EA	1/2" Rigid Galvanized Steel (RGS) Compression Coupling	25.27	11.39
			For Work In Restricted Working Space, Add	*6.84*	
			For Elevated Installation >15' To 20', Add	*4.56*	
26 05 33 13-0551		EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling	31.33	13.68
			For Work In Restricted Working Space, Add	*8.21*	
			For Elevated Installation >15' To 20', Add	*5.47*	
26 05 33 13-0552		EA	1" Rigid Galvanized Steel (RGS) Compression Coupling	43.40	18.24
			For Work In Restricted Working Space, Add	*10.94*	
			For Elevated Installation >15' To 20', Add	*7.30*	
26 05 33 13-0553		EA	1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	55.84	22.80
			For Work In Restricted Working Space, Add	*13.68*	
			For Elevated Installation >15' To 20', Add	*9.12*	
26 05 33 13-0554		EA	1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	68.06	27.36
			For Work In Restricted Working Space, Add	*16.42*	
			For Elevated Installation >15' To 20', Add	*10.94*	
26 05 33 13-0555		EA	2" Rigid Galvanized Steel (RGS) Compression Connector	93.01	31.92
			For Work In Restricted Working Space, Add	*19.15*	
			For Elevated Installation >15' To 20', Add	*12.77*	
26 05 33 13-0556		EA	2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	134.39	36.48
			For Work In Restricted Working Space, Add	*21.89*	
			For Elevated Installation >15' To 20', Add	*14.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0557	EA	3" Rigid Galvanized Steel (RGS) Compression Coupling	144.31	31.46
		For Work In Restricted Working Space, Add	*18.88*	
		For Elevated Installation >15' To 20', Add	*12.58*	
26 05 33 13-0558	EA	3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	202.90	47.87
		For Work In Restricted Working Space, Add	*28.73*	
		For Elevated Installation >15' To 20', Add	*19.15*	
26 05 33 13-0559	EA	4" Rigid Galvanized Steel (RGS) Compression Coupling	246.53	54.72
		For Work In Restricted Working Space, Add	*32.83*	
		For Elevated Installation >15' To 20', Add	*21.89*	

26 05 33 13-0560 Zinc Plated Steel Snap-in Knock Out Seal *(26 05 33 13-0059)*

26 05 33 13-0561	EA	1/2" Zinc Plated Steel Snap-in Knock Out Seal	4.75	2.28
		For Work In Restricted Working Space, Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*0.91*	
26 05 33 13-0562	EA	3/4" Zinc Plated Steel Snap-in Knock Out Seal	5.71	2.74
		For Work In Restricted Working Space, Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*1.09*	
26 05 33 13-0563	EA	1" Zinc Plated Steel Snap-in Knock Out Seal	6.77	3.19
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*1.28*	
26 05 33 13-0564	EA	1-1/4" Zinc Plated Steel Snap-in Knock Out Seal	8.72	4.11
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*1.64*	
26 05 33 13-0565	EA	1-1/2" Zinc Plated Steel Snap-in Knock Out Seal	9.82	4.56
		For Work In Restricted Working Space, Add	*2.74*	
		For Elevated Installation >15' To 20', Add	*1.82*	
26 05 33 13-0566	EA	2" Zinc Plated Steel Snap-in Knock Out Seal	11.93	5.47
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	

26 05 33 13-0567 Zinc Plated Steel 3-Piece Knock Out Seal *(26 05 33 13-0059)*

26 05 33 13-0568	EA	1/2" Zinc Plated Steel 3-Piece Knock Out Seal	5.67	2.28
		For Work In Restricted Working Space, Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*0.91*	
26 05 33 13-0569	EA	3/4" Zinc Plated Steel 3-Piece Knock Out Seal	6.76	2.74
		For Work In Restricted Working Space, Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*1.09*	
26 05 33 13-0570	EA	1" Zinc Plated Steel 3-Piece Knock Out Seal	8.16	3.19
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*1.28*	
26 05 33 13-0571	EA	1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal	10.50	4.11
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*1.64*	
26 05 33 13-0572	EA	1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	12.78	4.56
		For Work In Restricted Working Space, Add	*2.74*	
		For Elevated Installation >15' To 20', Add	*1.82*	
26 05 33 13-0573	EA	2" Zinc Plated Steel 3-Piece Knock Out Seal	15.44	5.47
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	
26 05 33 13-0574	EA	2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	18.98	6.83
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
26 05 33 13-0575	EA	3" Zinc Plated Steel 3-Piece Knock Out Seal	22.12	7.75
		For Work In Restricted Working Space, Add	*4.65*	
		For Elevated Installation >15' To 20', Add	*3.10*	
26 05 33 13-0576	EA	3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	26.65	8.66
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
26 05 33 13-0577	EA	4" Zinc Plated Steel 3-Piece Knock Out Seal	31.11	9.57
		For Work In Restricted Working Space, Add	*5.75*	
		For Elevated Installation >15' To 20', Add	*3.83*	

26 05 33 13-0578 Rigid Galvanized Steel (RGS) Chase Nipples *(26 05 33 13-0059)*

26 05 33 13-0579	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple	11.22	5.47
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.28*	
26 05 33 13-0580	EA	3/4" Rigid Galvanized Steel (RGS) Chase Nipple	13.24	6.38
		For Work In Restricted Working Space, Add	*3.83*	
		For Elevated Installation >15' To 20', Add	*2.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.83*	
26 05 33 13-0581	EA	1" Rigid Galvanized Steel (RGS) Chase Nipple	16.54	7.75
		For Work In Restricted Working Space, Add	*4.65*	
		For Elevated Installation >15' To 20', Add	*3.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.65*	
26 05 33 13-0582	EA	1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple	20.04	9.12
		For Work In Restricted Working Space, Add	*5.47*	
		For Elevated Installation >15' To 20', Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 05 33 13-0583	EA	1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	25.11	11.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0584	EA	2" Rigid Galvanized Steel (RGS) Chase Nipple	31.11	13.68
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.21*	
26 05 33 13-0585	EA	2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	39.06	15.95
		For Work In Restricted Working Space, Add	*9.58*	
		For Elevated Installation >15' To 20', Add	*6.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.58*	
26 05 33 13-0586	EA	3" Rigid Galvanized Steel (RGS) Chase Nipple	43.80	18.24
		For Work In Restricted Working Space, Add	*10.94*	
		For Elevated Installation >15' To 20', Add	*7.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.94*	
26 05 33 13-0587	EA	3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	53.99	20.51
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	
26 05 33 13-0588	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple	72.73	22.80
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	

26 05 33 13-0589 Rigid Galvanized Steel (RGS) Pulling Elbow *(26 05 33 13-0059)*

26 05 33 13-0590	EA	1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	21.34	8.21
		For Work In Restricted Working Space, Add	*4.93*	
		For Elevated Installation >15' To 20', Add	*3.28*	
26 05 33 13-0591	EA	3/4" Rigid Galvanized Steel (RGS) Pulling Elbow	24.80	9.57
		For Work In Restricted Working Space, Add	*5.75*	
		For Elevated Installation >15' To 20', Add	*3.83*	
26 05 33 13-0592	EA	1" Rigid Galvanized Steel (RGS) Pulling Elbow	31.27	10.94
		For Work In Restricted Working Space, Add	*6.57*	
		For Elevated Installation >15' To 20', Add	*4.38*	
26 05 33 13-0593	EA	1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow	39.99	13.68
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
26 05 33 13-0594	EA	1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	52.88	16.42
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >15' To 20', Add	*6.57*	
26 05 33 13-0595	EA	2" Rigid Galvanized Steel (RGS) Pulling Elbow	70.03	19.15
		For Work In Restricted Working Space, Add	*11.49*	
		For Elevated Installation >15' To 20', Add	*7.66*	
26 05 33 13-0596	EA	2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	96.15	21.89
		For Work In Restricted Working Space, Add	*13.13*	
		For Elevated Installation >15' To 20', Add	*8.75*	
26 05 33 13-0597	EA	3" Rigid Galvanized Steel (RGS) Pulling Elbow	165.69	27.36
		For Work In Restricted Working Space, Add	*16.42*	
		For Elevated Installation >15' To 20', Add	*10.94*	

26 05 33 13-0598 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0599 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0598)*

Note: Includes field bending conduit up to and including 1".

26 05 33 13-0600	LF	1/2" Electrical Metallic Tubing (EMT) Conduit	4.56	1.64
		For Work In Restricted Working Space, Add	*1.23*	
		For Elevated Installation >15' To 20', Add	*0.82*	
		For >250 To 500, Deduct	*-0.02*	
		For >500 To 1,000, Deduct	*-0.24*	
		For >1,000, Deduct	*-0.35*	
		For Installation In Metal Stud Wall, Add	*0.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.03*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.62*	
		For Factory Applied Color Coating, Add	*0.14*	
26 05 33 13-0601	LF	3/4" Electrical Metallic Tubing (EMT) Conduit	5.26	1.82
		For Work In Restricted Working Space, Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*0.91*	
		For >250 To 500, Deduct	*-0.04*	
		For >500 To 1,000, Deduct	*-0.28*	
		For >1,000, Deduct	*-0.41*	
		For Installation In Metal Stud Wall, Add	*0.46*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.14*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.68*	
		For Factory Applied Color Coating, Add	*0.21*	
26 05 33 13-0602	LF	1" Electrical Metallic Tubing (EMT) Conduit	6.18	2.00
		For Work In Restricted Working Space, Add	*1.50*	
		For Elevated Installation >15' To 20', Add	*1.00*	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.34*	
		For >1,000, Deduct	*-0.49*	
		For Installation In Metal Stud Wall, Add	*0.50*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.25*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.75*	
		For Factory Applied Color Coating, Add	*0.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0603	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit	7.49	2.26
		For Work In Restricted Working Space, Add	*1.70*	
		For Elevated Installation >15' To 20', Add	*1.13*	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.42*	
		For >1,000, Deduct	*-0.61*	
		For Installation In Metal Stud Wall, Add	*0.57*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.41*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.85*	
		For Factory Applied Color Coating, Add	*0.55*	
26 05 33 13-0604	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	8.68	2.56
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*1.28*	
		For >250 To 500, Deduct	*-0.12*	
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000, Deduct	*-0.71*	
		For Installation In Metal Stud Wall, Add	*0.64*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.60*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.96*	
		For Factory Applied Color Coating, Add	*0.69*	
26 05 33 13-0605	LF	2" Electrical Metallic Tubing (EMT) Conduit	10.02	2.92
		For Work In Restricted Working Space, Add	*2.19*	
		For Elevated Installation >15' To 20', Add	*1.46*	
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000, Deduct	*-0.82*	
		For Installation In Metal Stud Wall, Add	*0.73*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.83*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.10*	
		For Factory Applied Color Coating, Add	*0.82*	
26 05 33 13-0606	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit	12.69	3.47
		For Work In Restricted Working Space, Add	*2.60*	
		For Elevated Installation >15' To 20', Add	*1.73*	
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000, Deduct	*-1.05*	
		For Installation In Metal Stud Wall, Add	*0.87*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.17*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.30*	
		For Factory Applied Color Coating, Add	*1.21*	
26 05 33 13-0607	LF	3" Electrical Metallic Tubing (EMT) Conduit	15.08	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*2.01*	
		For >250 To 500, Deduct	*-0.25*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000, Deduct	*-1.26*	
		For Installation In Metal Stud Wall, Add	*1.00*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.51*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.50*	
		For Factory Applied Color Coating, Add	*1.52*	
26 05 33 13-0608	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit	18.61	4.74
		For Work In Restricted Working Space, Add	*3.56*	
		For Elevated Installation >15' To 20', Add	*2.37*	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-1.10*	
		For >1,000, Deduct	*-1.56*	
		For Installation In Metal Stud Wall, Add	*1.19*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.97*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.78*	
		For Factory Applied Color Coating, Add	*2.03*	
26 05 33 13-0609	LF	4" Electrical Metallic Tubing (EMT) Conduit	24.48	7.02
		For Work In Restricted Working Space, Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*3.51*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-1.40*	
		For >1,000, Deduct	*-2.01*	
		For Installation In Metal Stud Wall, Add	*1.76*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.39*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.64*	
		For Factory Applied Color Coating, Add	*2.07*	

26 05 33 13-0610 Electrical Metallic Tubing (EMT) 90 Degree Elbows *(26 05 33 13-0598)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0611	EA	1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	11.41	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*2.01*	
26 05 33 13-0612	EA	3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	12.17	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	
26 05 33 13-0613	EA	1" Electrical Metallic Tubing (EMT) 90 Degree Elbow	14.70	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Elevated Installation >15' To 20', Add	*2.55*	
26 05 33 13-0614	EA	1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	16.08	5.47
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
26 05 33 13-0615	EA	1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	19.12	6.56
		For Work In Restricted Working Space, Add	*4.93*	
		For Elevated Installation >15' To 20', Add	*3.28*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0616	EA	2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	24.96	8.39
		For Work In Restricted Working Space, Add	*6.29*	
		For Elevated Installation >15' To 20', Add	*4.19*	
26 05 33 13-0617	EA	2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	32.53	9.48
		For Work In Restricted Working Space, Add	*7.11*	
		For Elevated Installation >15' To 20', Add	*4.74*	
26 05 33 13-0618	EA	3" Electrical Metallic Tubing (EMT) 90 Degree Elbow	40.69	10.58
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >15' To 20', Add	*5.29*	
26 05 33 13-0619	EA	3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	46.02	11.67
		For Work In Restricted Working Space, Add	*8.75*	
		For Elevated Installation >15' To 20', Add	*5.84*	
26 05 33 13-0620	EA	4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	99.74	30.74
		For Work In Restricted Working Space, Add	*23.06*	
		For Elevated Installation >15' To 20', Add	*15.37*	

26 05 33 13-0621 Electrical Metallic Tubing (EMT) 45 Degree Elbows *(26 05 33 13-0598)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0622	EA	1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	11.27	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*2.01*	
26 05 33 13-0623	EA	3/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	12.26	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	
26 05 33 13-0624	EA	1" Electrical Metallic Tubing (EMT) 45 Degree Elbow	14.90	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Elevated Installation >15' To 20', Add	*2.55*	
26 05 33 13-0625	EA	1-1/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	16.45	5.47
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
26 05 33 13-0626	EA	1-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	19.59	6.56
		For Work In Restricted Working Space, Add	*4.93*	
		For Elevated Installation >15' To 20', Add	*3.28*	
26 05 33 13-0627	EA	2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	24.81	8.39
		For Work In Restricted Working Space, Add	*6.29*	
		For Elevated Installation >15' To 20', Add	*4.19*	
26 05 33 13-0628	EA	2-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	33.88	9.48
		For Work In Restricted Working Space, Add	*7.11*	
		For Elevated Installation >15' To 20', Add	*4.74*	
26 05 33 13-0629	EA	3" Electrical Metallic Tubing (EMT) 45 Degree Elbow	41.76	10.58
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >15' To 20', Add	*5.29*	
26 05 33 13-0630	EA	3-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	48.93	11.67
		For Work In Restricted Working Space, Add	*8.75*	
		For Elevated Installation >15' To 20', Add	*5.84*	
26 05 33 13-0631	EA	4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	97.70	30.74
		For Work In Restricted Working Space, Add	*23.06*	
		For Elevated Installation >15' To 20', Add	*15.37*	

26 05 33 13-0632 Electrical Metallic Tubing (EMT) Set Screw Couplings *(26 05 33 13-0598)*

26 05 33 13-0633	EA	1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	4.72	2.18
		For Work In Restricted Working Space, Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*0.91*	
26 05 33 13-0634	EA	3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	5.70	2.18
		For Work In Restricted Working Space, Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*1.09*	
26 05 33 13-0635	EA	1" Electrical Metallic Tubing (EMT) Set Screw Coupling	6.74	2.56
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*1.28*	
26 05 33 13-0636	EA	1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	8.99	3.29
		For Work In Restricted Working Space, Add	*2.46*	
		For Elevated Installation >15' To 20', Add	*1.64*	
26 05 33 13-0637	EA	1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	11.06	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Elevated Installation >15' To 20', Add	*2.01*	
26 05 33 13-0638	EA	2" Electrical Metallic Tubing (EMT) Set Screw Coupling	15.05	5.47
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
26 05 33 13-0639	EA	2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	20.64	7.30
		For Work In Restricted Working Space, Add	*5.47*	
		For Elevated Installation >15' To 20', Add	*3.65*	
26 05 33 13-0640	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling	26.52	8.39
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
26 05 33 13-0641	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	30.31	9.12
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
26 05 33 13-0642	EA	4" Electrical Metallic Tubing (EMT) Set Screw Coupling	87.71	25.47
		For Work In Restricted Working Space, Add	*24.74*	
		For Elevated Installation >15' To 20', Add	*16.49*	

26 05 33 13-0643 Electrical Metallic Tubing (EMT) Compression Couplings *(26 05 33 13-0598)*

26 05 33 13-0644	EA	1/2 Electrical Metallic Tubing (EMT) Compression Coupling	5.86	2.18
		For Work In Restricted Working Space, Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*1.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0645	EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	6.81	2.56
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*1.28*	
26 05 33 13-0646	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling	9.72	3.65
		For Work In Restricted Working Space, Add	*2.74*	
		For Elevated Installation >15' To 20', Add	*1.82*	
26 05 33 13-0647	EA	1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling	12.20	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	
26 05 33 13-0648	EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	14.54	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Elevated Installation >15' To 20', Add	*2.55*	
26 05 33 13-0649	EA	2" Electrical Metallic Tubing (EMT) Compression Coupling	19.21	6.56
		For Work In Restricted Working Space, Add	*4.93*	
		For Elevated Installation >15' To 20', Add	*3.28*	
26 05 33 13-0650	EA	2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	29.17	8.76
		For Work In Restricted Working Space, Add	*6.57*	
		For Elevated Installation >15' To 20', Add	*4.38*	
26 05 33 13-0651	EA	3" Electrical Metallic Tubing (EMT) Compression Coupling	33.80	10.21
		For Work In Restricted Working Space, Add	*7.66*	
		For Elevated Installation >15' To 20', Add	*5.11*	
26 05 33 13-0652	EA	3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	42.27	12.77
		For Work In Restricted Working Space, Add	*9.58*	
		For Elevated Installation >15' To 20', Add	*6.38*	
26 05 33 13-0653	EA	4" Electrical Metallic Tubing (EMT) Compression Coupling	54.23	16.42
		For Work In Restricted Working Space, Add	*12.31*	
		For Elevated Installation >15' To 20', Add	*8.21*	

26 05 33 13-0654 Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw *(26 05 33 13-0598)*

26 05 33 13-0655	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	4.69	1.82
		For Work In Restricted Working Space, Add	*1.37*	
		For Elevated Installation >15' To 20', Add	*0.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.37*	
26 05 33 13-0656	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	5.67	2.18
		For Work In Restricted Working Space, Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*1.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.64*	
26 05 33 13-0657	EA	1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	6.74	2.56
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*1.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.91*	
26 05 33 13-0658	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	9.78	3.65
		For Work In Restricted Working Space, Add	*2.74*	
		For Elevated Installation >15' To 20', Add	*1.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.74*	
26 05 33 13-0659	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	11.89	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.28*	
26 05 33 13-0660	EA	2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	15.09	5.47
		For Work In Restricted Working Space, Add	*4.10*	
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0661	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	22.17	7.30
		For Work In Restricted Working Space, Add	*5.47*	
		For Elevated Installation >15' To 20', Add	*3.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 05 33 13-0662	EA	3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	27.61	9.12
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0663	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	32.76	10.94
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.21*	
26 05 33 13-0664	EA	4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	38.17	12.77
		For Work In Restricted Working Space, Add	*9.58*	
		For Elevated Installation >15' To 20', Add	*6.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.58*	

26 05 33 13-0665 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw *(26 05 33 13-0598)*

26 05 33 13-0666	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	6.32	2.47
		For Work In Restricted Working Space, Add	*1.83*	
		For Elevated Installation >15' To 20', Add	*1.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.83*	
26 05 33 13-0667	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	6.99	2.65
		For Work In Restricted Working Space, Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.00*	
26 05 33 13-0668	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	8.72	3.29
		For Work In Restricted Working Space, Add	*2.44*	
		For Elevated Installation >15' To 20', Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0669	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	11.38	4.20
		For Work In Restricted Working Space, Add	*3.12*	
		For Elevated Installation >15' To 20', Add	*2.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.12*	
26 05 33 13-0670	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	13.45	4.83
		For Work In Restricted Working Space, Add	*3.64*	
		For Elevated Installation >15' To 20', Add	*2.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.64*	
26 05 33 13-0671	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	16.41	5.83
		For Work In Restricted Working Space, Add	*4.38*	
		For Elevated Installation >15' To 20', Add	*2.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.38*	
26 05 33 13-0672	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	26.19	8.12
		For Work In Restricted Working Space, Add	*6.07*	
		For Elevated Installation >15' To 20', Add	*4.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.07*	
26 05 33 13-0673	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	34.12	10.76
		For Work In Restricted Working Space, Add	*8.10*	
		For Elevated Installation >15' To 20', Add	*5.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.10*	
26 05 33 13-0674	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	43.64	13.86
		For Work In Restricted Working Space, Add	*10.42*	
		For Elevated Installation >15' To 20', Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 05 33 13-0675	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	55.40	18.24
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	

26 05 33 13-0676 Electrical Metallic Tubing (EMT) Straight Box Compression Connectors *(26 05 33 13-0598)*

26 05 33 13-0677	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	5.67	2.18
		For Work In Restricted Working Space, Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*1.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.64*	
26 05 33 13-0678	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	6.69	2.56
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*1.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.91*	
26 05 33 13-0679	EA	1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	9.56	3.65
		For Work In Restricted Working Space, Add	*2.74*	
		For Elevated Installation >15' To 20', Add	*1.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.74*	
26 05 33 13-0680	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	11.77	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*2.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.28*	
26 05 33 13-0681	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	13.94	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Elevated Installation >15' To 20', Add	*2.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.83*	
26 05 33 13-0682	EA	2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	18.11	6.56
		For Work In Restricted Working Space, Add	*4.93*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-0683	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	26.98	8.76
		For Work In Restricted Working Space, Add	*6.57*	
		For Elevated Installation >15' To 20', Add	*4.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.57*	
26 05 33 13-0684	EA	3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	34.02	10.94
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.21*	
26 05 33 13-0685	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	42.18	12.77
		For Work In Restricted Working Space, Add	*9.58*	
		For Elevated Installation >15' To 20', Add	*6.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.58*	
26 05 33 13-0686	EA	4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	47.61	14.59
		For Work In Restricted Working Space, Add	*10.94*	
		For Elevated Installation >15' To 20', Add	*7.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.94*	

26 05 33 13-0687 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors *(26 05 33 13-0598)*

26 05 33 13-0688	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	6.46	2.47
		For Work In Restricted Working Space, Add	*1.83*	
		For Elevated Installation >15' To 20', Add	*1.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.83*	
26 05 33 13-0689	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	7.13	2.65
		For Work In Restricted Working Space, Add	*2.00*	
		For Elevated Installation >15' To 20', Add	*1.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.00*	
26 05 33 13-0690	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	8.84	3.29
		For Work In Restricted Working Space, Add	*2.44*	
		For Elevated Installation >15' To 20', Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0691	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	11.73	4.20
		For Work In Restricted Working Space, Add	*3.12*	
		For Elevated Installation >15' To 20', Add	*2.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.12*	
26 05 33 13-0692	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	14.03	4.83
		For Work In Restricted Working Space, Add	*3.64*	
		For Elevated Installation >15' To 20', Add	*2.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.64*	
26 05 33 13-0693	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	17.25	5.83
		For Work In Restricted Working Space, Add	*4.38*	
		For Elevated Installation >15' To 20', Add	*2.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.38*	
26 05 33 13-0694	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	29.26	8.12
		For Work In Restricted Working Space, Add	*6.07*	
		For Elevated Installation >15' To 20', Add	*4.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.07*	
26 05 33 13-0695	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	39.28	10.76
		For Work In Restricted Working Space, Add	*8.10*	
		For Elevated Installation >15' To 20', Add	*5.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.10*	
26 05 33 13-0696	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	52.68	13.86
		For Work In Restricted Working Space, Add	*10.42*	
		For Elevated Installation >15' To 20', Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.42*	
26 05 33 13-0697	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	66.59	18.24
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	

26 05 33 13-0698 Electrical Metallic Tubing (EMT) Expansion Coupling *(26 05 33 13-0598)*

Note: Excludes jumper.

26 05 33 13-0699	EA	1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	44.58	12.13
		For Work In Restricted Working Space, Add	*9.11*	
		For Elevated Installation >15' To 20', Add	*6.07*	
26 05 33 13-0700	EA	3/4" Electrical Metallic Tubing (EMT) Expansion Coupling	53.77	14.68
		For Work In Restricted Working Space, Add	*11.04*	
		For Elevated Installation >15' To 20', Add	*7.36*	
26 05 33 13-0701	EA	1" Electrical Metallic Tubing (EMT) Expansion Coupling	66.26	18.42
		For Work In Restricted Working Space, Add	*13.80*	
		For Elevated Installation >15' To 20', Add	*9.20*	
26 05 33 13-0702	EA	1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling	84.97	22.62
		For Work In Restricted Working Space, Add	*16.97*	
		For Elevated Installation >15' To 20', Add	*11.31*	
26 05 33 13-0703	EA	1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	104.61	26.54
		For Work In Restricted Working Space, Add	*19.90*	
		For Elevated Installation >15' To 20', Add	*13.27*	
26 05 33 13-0704	EA	2" Electrical Metallic Tubing (EMT) Expansion Coupling	130.55	32.28
		For Work In Restricted Working Space, Add	*24.23*	
		For Elevated Installation >15' To 20', Add	*16.16*	
26 05 33 13-0705	EA	2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	236.97	41.49
		For Work In Restricted Working Space, Add	*31.13*	
		For Elevated Installation >15' To 20', Add	*20.75*	
26 05 33 13-0706	EA	3" Electrical Metallic Tubing (EMT) Expansion Coupling	288.48	48.51
		For Work In Restricted Working Space, Add	*36.40*	
		For Elevated Installation >15' To 20', Add	*24.27*	
26 05 33 13-0707	EA	3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	350.23	52.89
		For Work In Restricted Working Space, Add	*39.68*	
		For Elevated Installation >15' To 20', Add	*26.45*	
26 05 33 13-0708	EA	4" Electrical Metallic Tubing (EMT) Expansion Coupling	379.75	58.36
		For Work In Restricted Working Space, Add	*43.79*	
		For Elevated Installation >15' To 20', Add	*29.19*	

26 05 33 13-0709 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

(26 05 33 13-0598)

26 05 33 13-0710	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	8.96	3.29
		For Work In Restricted Working Space, Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.43*	
26 05 33 13-0711	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	9.42	3.29
		For Work In Restricted Working Space, Add	*2.43*	
		For Elevated Installation >15' To 20', Add	*1.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.43*	
26 05 33 13-0712	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	10.52	3.56
		For Work In Restricted Working Space, Add	*2.70*	
		For Elevated Installation >15' To 20', Add	*1.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.70*	
26 05 33 13-0713	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	12.19	4.11
		For Work In Restricted Working Space, Add	*3.07*	
		For Elevated Installation >15' To 20', Add	*2.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.07*	
26 05 33 13-0714	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	16.81	4.92
		For Work In Restricted Working Space, Add	*3.72*	
		For Elevated Installation >15' To 20', Add	*2.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.72*	
26 05 33 13-0715	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	20.30	5.65
		For Work In Restricted Working Space, Add	*4.25*	
		For Elevated Installation >15' To 20', Add	*2.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0716	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	26.26	7.12
		For Work In Restricted Working Space, Add	*5.31*	
		For Elevated Installation >15' To 20', Add	*3.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.31*	

26 05 33 13-0717 Electrical Metallic Tubing (EMT) Pulling Elbows *(26 05 33 13-0598)*

26 05 33 13-0718	EA	1/2" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	18.65	8.21
		For Work In Restricted Working Space, Add	*4.93*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-0719	EA	3/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	21.74	9.57
		For Work In Restricted Working Space, Add	*5.75*	
		For Elevated Installation >15' To 20', Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.75*	
26 05 33 13-0720	EA	1" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	26.51	10.94
		For Work In Restricted Working Space, Add	*6.57*	
		For Elevated Installation >15' To 20', Add	*4.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.57*	
26 05 33 13-0721	EA	1-1/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	33.72	13.68
		For Work In Restricted Working Space, Add	*8.21*	
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.21*	

26 05 33 13-0722 Intermediate Metal Conduit (IMC) *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0723 Intermediate Metal Conduit (IMC) Conduit *(26 05 33 13-0722)*

Note: Includes field bending conduit up to 1".

26 05 33 13-0724	LF	1/2" Intermediate Metal Conduit (IMC) Conduit	5.79	1.82
		For Elevated Installation >15' To 20', Add	*0.91*	
		For Work In Restricted Working Space, Add	*1.37*	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.09*	
		For >1,000, Deduct	*-0.12*	
		For Installation In Metal Stub Wall, Add	*0.46*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.14*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.68*	
26 05 33 13-0725	LF	3/4" Intermediate Metal Conduit (IMC) Conduit	6.47	2.00
		For Elevated Installation >15' To 20', Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.50*	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.11*	
		For >1,000, Deduct	*-0.15*	
		For Installation In Metal Stub Wall, Add	*0.50*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.25*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.75*	
26 05 33 13-0726	LF	1" Intermediate Metal Conduit (IMC) Conduit	7.73	2.18
		For Elevated Installation >15' To 20', Add	*1.09*	
		For Work In Restricted Working Space, Add	*1.64*	
		For >250 To 500, Deduct	*-0.11*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000, Deduct	*-0.23*	
		For Installation In Metal Stub Wall, Add	*0.55*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.37*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.82*	
26 05 33 13-0727	LF	1-1/4" Intermediate Metal Conduit (IMC) Conduit	9.24	4.38
		For Elevated Installation >15' To 20', Add	*1.28*	
		For Work In Restricted Working Space, Add	*1.91*	
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 1,000, Deduct	*-0.21*	
		For >1,000, Deduct	*-0.29*	
		For Installation In Metal Stub Wall, Add	*0.64*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.60*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.96*	
26 05 33 13-0728	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit	10.68	2.92
		For Elevated Installation >15' To 20', Add	*1.46*	
		For Work In Restricted Working Space, Add	*2.19*	
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.25*	
		For >1,000, Deduct	*-0.34*	
		For Installation In Metal Stub Wall, Add	*0.73*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.83*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.10*	
26 05 33 13-0729	LF	2" Intermediate Metal Conduit (IMC) Conduit	12.79	3.29
		For Elevated Installation >15' To 20', Add	*1.64*	
		For Work In Restricted Working Space, Add	*2.46*	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.34*	
		For >1,000, Deduct	*-0.46*	
		For Installation In Metal Stub Wall, Add	*0.82*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.05*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0730	LF	2-1/2" Intermediate Metal Conduit (IMC) Conduit	21.09	4.38
		For Elevated Installation >15' To 20', Add	*2.19*	
		For Work In Restricted Working Space, Add	*3.28*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.02*	
		For Installation In Metal Stub Wall, Add	*1.09*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.74*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.64*	
26 05 33 13-0731	LF	3" Intermediate Metal Conduit (IMC) Conduit	26.17	5.47
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Work In Restricted Working Space, Add	*4.10*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000, Deduct	*-1.25*	
		For Installation In Metal Stub Wall, Add	*1.37*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.42*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.05*	
26 05 33 13-0732	LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit	30.89	6.56
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Work In Restricted Working Space, Add	*4.93*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000, Deduct	*-1.45*	
		For Installation In Metal Stub Wall, Add	*1.64*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.11*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.46*	
26 05 33 13-0733	LF	4" Intermediate Metal Conduit (IMC) Conduit	36.18	7.66
		For Elevated Installation >15' To 20', Add	*3.83*	
		For Work In Restricted Working Space, Add	*5.75*	
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000, Deduct	*-1.70*	
		For Installation In Metal Stub Wall, Add	*1.92*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.79*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.87*	

26 05 33 13-0734 Intermediate Metal Conduit (IMC) 90 Degree Elbows *(26 05 33 13-0722)*

See CSI section 26 05 33 13-2245 for conduit field bending.

26 05 33 13-0735	EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	44.72	13.77
		For Elevated Installation >15' To 20', Add	*6.87*	
		For Work In Restricted Working Space, Add	*10.30*	
26 05 33 13-0736	EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	54.44	15.95
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Work In Restricted Working Space, Add	*11.96*	
26 05 33 13-0737	EA	1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	64.19	18.33
		For Elevated Installation >15' To 20', Add	*9.15*	
		For Work In Restricted Working Space, Add	*13.73*	
26 05 33 13-0738	EA	2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	76.86	20.15
		For Elevated Installation >15' To 20', Add	*10.07*	
		For Work In Restricted Working Space, Add	*15.10*	
26 05 33 13-0739	EA	2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	107.96	25.17
		For Elevated Installation >15' To 20', Add	*12.58*	
		For Work In Restricted Working Space, Add	*18.88*	
26 05 33 13-0740	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	154.66	34.29
		For Elevated Installation >15' To 20', Add	*17.14*	
		For Work In Restricted Working Space, Add	*25.71*	
26 05 33 13-0741	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	218.41	38.66
		For Elevated Installation >15' To 20', Add	*19.34*	
		For Work In Restricted Working Space, Add	*29.00*	
26 05 33 13-0742	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	267.03	50.34
		For Elevated Installation >15' To 20', Add	*25.16*	
		For Work In Restricted Working Space, Add	*37.75*	

26 05 33 13-0743 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut *(26 05 33 13-0722)*

26 05 33 13-0744	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	12.31	4.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-0745	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	14.45	0.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-0746	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	18.62	6.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-0747	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	22.68	8.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 05 33 13-0748	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	25.24	9.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0749	EA	2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	32.30	11.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.48*	
26 05 33 13-0750	EA	2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	58.16	18.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-0751	EA	3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	73.17	24.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.60*	
26 05 33 13-0752	EA	3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	94.05	29.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.16*	
26 05 33 13-0753	EA	4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	110.68	34.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.72*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0754		Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings *(26 05 33 13-0722)*		
		Note: 3-Piece coupling.		
26 05 33 13-0755	EA	1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	40.01	14.59
		For Elevated Installation >15' To 20', Add	*7.30*	
		For Work In Restricted Working Space, Add	*10.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.96*	
26 05 33 13-0756	EA	3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	45.26	16.32
		For Elevated Installation >15' To 20', Add	*8.15*	
		For Work In Restricted Working Space, Add	*12.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.23*	
26 05 33 13-0757	EA	1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	54.09	18.15
		For Elevated Installation >15' To 20', Add	*9.08*	
		For Work In Restricted Working Space, Add	*13.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.62*	
26 05 33 13-0758	EA	1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	65.65	19.88
		For Elevated Installation >15' To 20', Add	*9.94*	
		For Work In Restricted Working Space, Add	*14.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.91*	
26 05 33 13-0759	EA	1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	74.39	21.71
		For Elevated Installation >15' To 20', Add	*10.87*	
		For Work In Restricted Working Space, Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.31*	
26 05 33 13-0760	EA	2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	98.94	23.53
		For Elevated Installation >15' To 20', Add	*11.77*	
		For Work In Restricted Working Space, Add	*17.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.66*	
26 05 33 13-0761	EA	2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	158.67	29.18
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-0762	EA	3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	221.90	36.48
		For Elevated Installation >15' To 20', Add	*18.24*	
		For Work In Restricted Working Space, Add	*27.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.36*	
26 05 33 13-0763	EA	3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	319.46	43.77
		For Elevated Installation >15' To 20', Add	*21.89*	
		For Work In Restricted Working Space, Add	*32.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.84*	
26 05 33 13-0764	EA	4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	367.10	47.42
		For Elevated Installation >15' To 20', Add	*23.71*	
		For Work In Restricted Working Space, Add	*35.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.56*	
26 05 33 13-0765		Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0722)*		
26 05 33 13-0766	EA	1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	22.04	7.30
		For Elevated Installation >15' To 20', Add	*3.65*	
		For Work In Restricted Working Space, Add	*5.47*	
26 05 33 13-0767	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	24.56	8.03
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Work In Restricted Working Space, Add	*6.02*	
26 05 33 13-0768	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	28.16	9.12
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Work In Restricted Working Space, Add	*6.84*	
26 05 33 13-0769	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	31.69	9.85
		For Elevated Installation >15' To 20', Add	*4.92*	
		For Work In Restricted Working Space, Add	*7.39*	
26 05 33 13-0770	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	37.22	10.94
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Work In Restricted Working Space, Add	*8.21*	
26 05 33 13-0771	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	44.66	12.04
		For Elevated Installation >15' To 20', Add	*6.02*	
		For Work In Restricted Working Space, Add	*9.03*	
26 05 33 13-0772	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	59.84	14.59
		For Elevated Installation >15' To 20', Add	*7.30*	
		For Work In Restricted Working Space, Add	*10.94*	
26 05 33 13-0773	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	74.10	18.24
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Work In Restricted Working Space, Add	*13.68*	
26 05 33 13-0774	EA	3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	89.00	21.89
		For Elevated Installation >15' To 20', Add	*10.94*	
		For Work In Restricted Working Space, Add	*16.42*	
26 05 33 13-0775	EA	4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	99.99	23.71
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 33 13-0776 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs *(26 05 33 13-0722)*

26 05 33 13-0777	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	19.83	7.30
		For Elevated Installation >15' To 20', Add	*3.65*	
		For Work In Restricted Working Space, Add	*5.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 05 33 13-0778	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	25.18	9.12
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-0779	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	30.87	10.94
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Work In Restricted Working Space, Add	*8.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.21*	
26 05 33 13-0780	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	36.89	12.77
		For Elevated Installation >15' To 20', Add	*6.38*	
		For Work In Restricted Working Space, Add	*9.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.58*	
26 05 33 13-0781	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	42.89	14.59
		For Elevated Installation >15' To 20', Add	*7.30*	
		For Work In Restricted Working Space, Add	*10.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.94*	
26 05 33 13-0782	EA	2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	50.29	16.42
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Work In Restricted Working Space, Add	*12.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.31*	
26 05 33 13-0783	EA	2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	61.11	18.24
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Work In Restricted Working Space, Add	*13.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-0784	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	71.05	20.06
		For Elevated Installation >15' To 20', Add	*10.03*	
		For Work In Restricted Working Space, Add	*15.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-0785	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	86.36	23.71
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.78*	
26 05 33 13-0786	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	98.01	25.53
		For Elevated Installation >15' To 20', Add	*12.77*	
		For Work In Restricted Working Space, Add	*19.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.15*	

26 05 33 13-0787 Intermediate Metal Conduit (IMC) Expansion Fittings *(26 05 33 13-0722)*

26 05 33 13-0788	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	105.06	14.59
		For Elevated Installation >15' To 20', Add	*7.30*	
		For Work In Restricted Working Space, Add	*10.95*	
26 05 33 13-0789	EA	3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	116.47	16.42
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Work In Restricted Working Space, Add	*12.31*	
26 05 33 13-0790	EA	1" Intermediate Metal Conduit (IMC) Expansion Fitting	129.42	18.24
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Work In Restricted Working Space, Add	*13.68*	
26 05 33 13-0791	EA	1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	154.73	20.06
		For Elevated Installation >15' To 20', Add	*10.03*	
		For Work In Restricted Working Space, Add	*15.05*	
26 05 33 13-0792	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	187.36	21.89
		For Elevated Installation >15' To 20', Add	*10.94*	
		For Work In Restricted Working Space, Add	*16.42*	
26 05 33 13-0793	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting	242.18	23.71
		For Elevated Installation >15' To 20', Add	*11.85*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-0794	EA	2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	360.26	29.18
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Work In Restricted Working Space, Add	*21.89*	
26 05 33 13-0795	EA	3" Intermediate Metal Conduit (IMC) Expansion Fitting	434.25	36.48
		For Elevated Installation >15' To 20', Add	*18.24*	
		For Work In Restricted Working Space, Add	*27.36*	
26 05 33 13-0796	EA	3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	599.53	43.77
		For Elevated Installation >15' To 20', Add	*21.89*	
		For Work In Restricted Working Space, Add	*32.83*	
26 05 33 13-0797	EA	4" Intermediate Metal Conduit (IMC) Expansion Fitting	690.74	47.42
		For Elevated Installation >15' To 20', Add	*23.71*	
		For Work In Restricted Working Space, Add	*35.56*	

26 05 33 13-0798 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0722)*

26 05 33 13-0799	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	71.99	22.80
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Work In Restricted Working Space, Add	*13.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-0800	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	85.71	27.36
		For Elevated Installation >15' To 20', Add	*10.94*	
		For Work In Restricted Working Space, Add	*16.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0801	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	103.67	31.92
		For Elevated Installation >15' To 20', Add	*12.77*	
		For Work In Restricted Working Space, Add	*19.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.15*	
26 05 33 13-0802	EA	1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	121.32	36.48
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-0803	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	154.89	41.04
		For Elevated Installation >15' To 20', Add	*16.42*	
		For Work In Restricted Working Space, Add	*24.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.62*	
26 05 33 13-0804	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	185.53	45.60
		For Elevated Installation >15' To 20', Add	*18.24*	
		For Work In Restricted Working Space, Add	*27.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.36*	
26 05 33 13-0805	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	256.00	54.72
		For Elevated Installation >15' To 20', Add	*21.89*	
		For Work In Restricted Working Space, Add	*32.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.83*	
26 05 33 13-0806	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	306.71	63.84
		For Elevated Installation >15' To 20', Add	*25.53*	
		For Work In Restricted Working Space, Add	*38.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.30*	
26 05 33 13-0807	EA	3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	662.28	72.96
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Work In Restricted Working Space, Add	*43.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.77*	
26 05 33 13-0808	EA	4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	761.77	82.08
		For Elevated Installation >15' To 20', Add	*32.83*	
		For Work In Restricted Working Space, Add	*49.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.25*	

26 05 33 13-0809 Intermediate Metal Conduit (IMC) Threaded Couplings *(26 05 33 13-0722)*

26 05 33 13-0810	EA	1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	11.84	4.38
		For Elevated Installation >15' To 20', Add	*2.19*	
		For Work In Restricted Working Space, Add	*3.28*	
26 05 33 13-0811	EA	3/4" Intermediate Metal Conduit (IMC) Threaded Coupling	16.60	6.20
		For Elevated Installation >15' To 20', Add	*3.10*	
		For Work In Restricted Working Space, Add	*4.65*	
26 05 33 13-0812	EA	1" Intermediate Metal Conduit (IMC) Threaded Coupling	21.68	8.03
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Work In Restricted Working Space, Add	*6.02*	
26 05 33 13-0813	EA	1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	24.84	9.12
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Work In Restricted Working Space, Add	*6.84*	
26 05 33 13-0814	EA	1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	29.92	10.94
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Work In Restricted Working Space, Add	*8.21*	
26 05 33 13-0815	EA	2" Intermediate Metal Conduit (IMC) Threaded Coupling	34.41	12.41
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Work In Restricted Working Space, Add	*9.31*	
26 05 33 13-0816	EA	2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	42.14	13.86
		For Elevated Installation >15' To 20', Add	*6.93*	
		For Work In Restricted Working Space, Add	*10.39*	
26 05 33 13-0817	EA	3" Intermediate Metal Conduit (IMC) Threaded Coupling	49.45	15.68
		For Elevated Installation >15' To 20', Add	*7.84*	
		For Work In Restricted Working Space, Add	*11.76*	
26 05 33 13-0818	EA	3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	56.56	17.15
		For Elevated Installation >15' To 20', Add	*8.57*	
		For Work In Restricted Working Space, Add	*12.86*	
26 05 33 13-0819	EA	4" Intermediate Metal Conduit (IMC) Threaded Coupling	59.38	18.24
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Work In Restricted Working Space, Add	*13.67*	

26 05 33 13-0820 Intermediate Metal Conduit (IMC) Reducer Bushings *(26 05 33 13-0722)*

26 05 33 13-0821	EA	1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	5.57	1.82
		For Elevated Installation >15' To 20', Add	*0.91*	
		For Work In Restricted Working Space, Add	*1.37*	
26 05 33 13-0822	EA	3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	6.15	1.82
		For Elevated Installation >15' To 20', Add	*0.91*	
		For Work In Restricted Working Space, Add	*1.37*	

26 05 33 13-0823 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0058)*

Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0824 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0823)*

Note: Includes field bending for conduit up to 1".

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0825	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	11.99	2.56
		For Elevated Installation >15' To 20', Add	*1.28*	
		For Work In Restricted Working Space, Add	*1.91*	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.74*	
		For >1,000, Deduct	*-1.04*	
26 05 33 13-0826	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	13.79	2.92
		For Elevated Installation >15' To 20', Add	*1.46*	
		For Work In Restricted Working Space, Add	*2.19*	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000, Deduct	*-1.20*	
26 05 33 13-0827	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	17.53	3.65
		For Elevated Installation >15' To 20', Add	*1.82*	
		For Work In Restricted Working Space, Add	*2.74*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000, Deduct	*-1.53*	
26 05 33 13-0828	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	21.60	4.38
		For Elevated Installation >15' To 20', Add	*2.19*	
		For Work In Restricted Working Space, Add	*3.28*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.35*	
		For >1,000, Deduct	*-1.89*	
26 05 33 13-0829	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	26.64	5.47
		For Elevated Installation >15' To 20', Add	*2.74*	
		For Work In Restricted Working Space, Add	*4.10*	
		For >250 To 500, Deduct	*-0.99*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000, Deduct	*-2.32*	
26 05 33 13-0830	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	33.31	6.56
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Work In Restricted Working Space, Add	*4.93*	
		For >250 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000, Deduct	*-2.92*	
26 05 33 13-0831	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	44.76	7.66
		For Elevated Installation >15' To 20', Add	*3.83*	
		For Work In Restricted Working Space, Add	*5.75*	
		For >250 To 500, Deduct	*-1.76*	
		For >500 To 1,000, Deduct	*-2.88*	
		For >1,000, Deduct	*-4.00*	
26 05 33 13-0832	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	56.01	9.48
		For Elevated Installation >15' To 20', Add	*4.74*	
		For Work In Restricted Working Space, Add	*7.11*	
		For >250 To 500, Deduct	*-2.21*	
		For >500 To 1,000, Deduct	*-3.61*	
		For >1,000, Deduct	*-5.01*	
26 05 33 13-0833	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	68.69	11.67
		For Elevated Installation >15' To 20', Add	*5.84*	
		For Work In Restricted Working Space, Add	*8.75*	
		For >250 To 500, Deduct	*-2.71*	
		For >500 To 1,000, Deduct	*-4.42*	
		For >1,000, Deduct	*-6.14*	
26 05 33 13-0834	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	81.22	13.86
		For Elevated Installation >15' To 20', Add	*6.93*	
		For Work In Restricted Working Space, Add	*10.40*	
		For >250 To 500, Deduct	*-3.19*	
		For >500 To 1,000, Deduct	*-5.23*	
		For >1,000, Deduct	*-7.26*	
26 05 33 13-0835	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	123.57	16.42
		For Elevated Installation >15' To 20', Add	*8.21*	
		For Work In Restricted Working Space, Add	*12.31*	
		For >250 To 500, Deduct	*-5.15*	
		For >500 To 1,000, Deduct	*-8.24*	
		For >1,000, Deduct	*-11.33*	
26 05 33 13-0836	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	167.82	21.89
		For Elevated Installation >15' To 20', Add	*10.94*	
		For Work In Restricted Working Space, Add	*16.42*	
		For >250 To 500, Deduct	*-7.02*	
		For >500 To 1,000, Deduct	*-11.22*	
		For >1,000, Deduct	*-15.41*	

26 05 33 13-0837 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings *(26 05 33 13-0823)*

26 05 33 13-0838	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	16.86	5.47
		For Elevated Installation >15' To 20', Add	*2.19*	
		For Work In Restricted Working Space, Add	*3.28*	
26 05 33 13-0839	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	21.70	7.75
		For Elevated Installation >15' To 20', Add	*3.10*	
		For Work In Restricted Working Space, Add	*4.65*	
26 05 33 13-0840	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	28.11	10.03
		For Elevated Installation >15' To 20', Add	*4.01*	
		For Work In Restricted Working Space, Add	*6.02*	
26 05 33 13-0841	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	32.19	11.39
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Work In Restricted Working Space, Add	*6.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0842	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	38.52	13.68
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Work In Restricted Working Space, Add	*8.21*	
26 05 33 13-0843	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	47.35	15.50
		For Elevated Installation >15' To 20', Add	*6.20*	
		For Work In Restricted Working Space, Add	*9.30*	
26 05 33 13-0844	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	75.09	15.50
		For Elevated Installation >15' To 20', Add	*6.93*	
		For Work In Restricted Working Space, Add	*10.40*	
26 05 33 13-0845	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	88.32	21.43
		For Elevated Installation >15' To 20', Add	*7.84*	
		For Work In Restricted Working Space, Add	*11.76*	
26 05 33 13-0846	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	105.87	21.43
		For Elevated Installation >15' To 20', Add	*8.57*	
		For Work In Restricted Working Space, Add	*12.86*	
26 05 33 13-0847	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	119.27	22.80
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Work In Restricted Working Space, Add	*13.68*	
26 05 33 13-0848	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	294.78	27.36
		For Elevated Installation >15' To 20', Add	*10.94*	
		For Work In Restricted Working Space, Add	*16.42*	
26 05 33 13-0849	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	332.00	31.92
		For Elevated Installation >15' To 20', Add	*12.77*	
		For Work In Restricted Working Space, Add	*19.15*	

26 05 33 13-0850 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows *(26 05 33 13-0823)*

Note: 90, 45, or 30 degree.

26 05 33 13-0851	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	50.38	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
26 05 33 13-0852	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	58.29	18.38
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Work In Restricted Working Space, Add	*11.03*	
26 05 33 13-0853	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	69.75	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-0854	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	82.51	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-0855	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	96.58	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-0856	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	117.26	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-0857	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	179.88	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-0858	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	268.17	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	
26 05 33 13-0859	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	331.32	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-0860	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	380.99	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
26 05 33 13-0861	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	790.62	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-0862	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	1,242.80	200.36
		For Elevated Installation >15' To 20', Add	*80.14*	
		For Work In Restricted Working Space, Add	*120.21*	

26 05 33 13-0863 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows *(26 05 33 13-0823)*

26 05 33 13-0864	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	118.65	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-0865	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	133.57	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-0866	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	152.48	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-0867	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	181.75	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-0868	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	252.88	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	

26 05 33 13-0869 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows *(26 05 33 13-0823)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0870	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	131.87	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-0871	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	155.42	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-0872	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	168.14	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-0873	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	215.92	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-0874	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	285.82	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-0875	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	365.87	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	

26 05 33 13-0876 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows *(26 05 33 13-0823)*

26 05 33 13-0877	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	147.69	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-0878	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	166.80	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-0879	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	188.24	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-0880	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	227.25	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-0881	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	323.68	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-0882	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	410.31	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	
26 05 33 13-0883	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	517.45	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-0884	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	583.77	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	

26 05 33 13-0885 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows *(26 05 33 13-0823)*

26 05 33 13-0886	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	175.00	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-0887	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	193.51	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-0888	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	218.58	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-0889	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	270.93	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-0890	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	391.43	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-0891	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	485.61	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	
26 05 33 13-0892	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	563.43	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-0893	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	668.17	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	

26 05 33 13-0894 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows *(26 05 33 13-0823)*

26 05 33 13-0895	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	196.25	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-0896	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	218.38	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-0897	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	248.43	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0898	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	308.95	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-0899	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	428.40	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-0900	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	545.84	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	
26 05 33 13-0901	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	675.21	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-0902	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	745.65	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
26 05 33 13-0903	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	1,242.95	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	

26 05 33 13-0904 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows *(26 05 33 13-0823)*

26 05 33 13-0905	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	224.04	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-0906	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	248.42	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-0907	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	281.15	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-0908	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	351.11	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-0909	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	489.99	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-0910	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	622.58	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	
26 05 33 13-0911	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	731.23	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-0912	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	845.68	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
26 05 33 13-0913	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,313.05	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-0914	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,796.71	200.36
		For Elevated Installation >15' To 20', Add	*80.14*	
		For Work In Restricted Working Space, Add	*120.21*	

26 05 33 13-0915 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows *(26 05 33 13-0823)*

26 05 33 13-0916	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	262.73	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-0917	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	275.21	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-0918	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	324.95	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-0919	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	409.82	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-0920	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	573.05	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-0921	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	726.03	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	
26 05 33 13-0922	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	886.95	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-0923	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,040.26	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
26 05 33 13-0924	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,541.70	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-0925	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,901.66	200.36
		For Elevated Installation >15' To 20', Add	*80.14*	
		For Work In Restricted Working Space, Add	*120.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 33 13-0926 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows *(26 05 33 13-0823)*

26 05 33 13-0927	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	272.05	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-0928	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	320.51	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-0929	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	362.82	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-0930	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	427.48	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-0931	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	593.80	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-0932	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	757.84	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	
26 05 33 13-0933	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	971.76	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-0934	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,084.39	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
26 05 33 13-0935	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,603.13	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-0936	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,954.99	200.36
		For Elevated Installation >15' To 20', Add	*80.14*	
		For Work In Restricted Working Space, Add	*120.21*	

26 05 33 13-0937 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fittings *(26 05 33 13-0823)*

26 05 33 13-0938	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	99.39	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-0939	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	121.39	19.56
		For Elevated Installation >15' To 20', Add	*7.82*	
		For Work In Restricted Working Space, Add	*11.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	
26 05 33 13-0940	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	162.54	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-0941	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	269.10	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 05 33 13-0942	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	296.97	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.78*	
26 05 33 13-0943	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	376.17	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-0944	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,034.37	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-0945	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,233.22	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.44*	
26 05 33 13-0946	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,637.04	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.08*	

26 05 33 13-0947 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fittings *(26 05 33 13-0823)*

26 05 33 13-0948	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	95.15	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-0949	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	116.60	19.56
		For Elevated Installation >15' To 20', Add	*7.82*	
		For Work In Restricted Working Space, Add	*11.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0950	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	162.54	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-0951	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	266.63	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 05 33 13-0952	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	287.02	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.78*	
26 05 33 13-0953	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	376.29	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-0954	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	991.95	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-0955	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,202.27	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.44*	
26 05 33 13-0956	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,636.97	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.08*	

26 05 33 13-0957 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fittings *(26 05 33 13-0823)*

26 05 33 13-0958	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	85.76	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-0959	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	102.34	19.56
		For Elevated Installation >15' To 20', Add	*7.82*	
		For Work In Restricted Working Space, Add	*11.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	
26 05 33 13-0960	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	120.88	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-0961	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	172.88	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 05 33 13-0962	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	202.12	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.78*	
26 05 33 13-0963	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	314.94	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-0964	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	873.79	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-0965	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	981.57	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.44*	
26 05 33 13-0966	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,251.34	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.08*	

26 05 33 13-0967 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings *(26 05 33 13-0823)*

26 05 33 13-0968	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	148.58	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-0969	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	224.51	19.56
		For Elevated Installation >15' To 20', Add	*7.82*	
		For Work In Restricted Working Space, Add	*11.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0970	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	282.66	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-0971	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	326.26	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 05 33 13-0972	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	370.54	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.78*	
26 05 33 13-0973	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	488.92	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-0974	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,550.86	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-0975	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,809.24	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.44*	
26 05 33 13-0976	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	2,221.83	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.08*	

26 05 33 13-0977 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fittings *(26 05 33 13-0823)*

26 05 33 13-0978	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	165.25	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-0979	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	240.25	19.56
		For Elevated Installation >15' To 20', Add	*7.82*	
		For Work In Restricted Working Space, Add	*11.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	
26 05 33 13-0980	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	285.66	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-0981	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	331.20	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 05 33 13-0982	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	384.08	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.78*	
26 05 33 13-0983	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	607.89	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-0984	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	1,730.37	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-0985	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,435.98	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.44*	
26 05 33 13-0986	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,539.10	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.08*	

26 05 33 13-0987 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fittings *(26 05 33 13-0823)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0988	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	130.20	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-0989	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	164.13	19.56
		For Elevated Installation >15' To 20', Add	*7.82*	
		For Work In Restricted Working Space, Add	*11.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.74*	
26 05 33 13-0990	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	196.82	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.52*	
26 05 33 13-0991	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	217.88	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 05 33 13-0992	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	294.47	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.78*	
26 05 33 13-0993	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	418.00	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-0994	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,402.17	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-0995	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,576.75	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.44*	
26 05 33 13-0996	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,870.80	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.08*	

26 05 33 13-0997 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0823)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-0998	EA	1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	115.01	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.07*	
26 05 33 13-0999	EA	3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	129.62	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-1000	EA	1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	160.89	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.41*	
26 05 33 13-1001	EA	1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	211.67	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.96*	
26 05 33 13-1002	EA	1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	247.64	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	
26 05 33 13-1003	EA	2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	339.08	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.14*	
26 05 33 13-1004	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	573.47	80.02
		For Elevated Installation >15' To 20', Add	*32.01*	
		For Work In Restricted Working Space, Add	*48.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.02*	
26 05 33 13-1005	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	733.46	106.70
		For Elevated Installation >15' To 20', Add	*42.68*	
		For Work In Restricted Working Space, Add	*64.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.02*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1006	EA	3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,022.32	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.02*	
26 05 33 13-1007	EA	4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,171.78	162.42
		For Elevated Installation >15' To 20', Add	*64.97*	
		For Work In Restricted Working Space, Add	*97.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.45*	

26 05 33 13-1008 Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0823)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-1009	EA	1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	150.22	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.40*	
26 05 33 13-1010	EA	3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	171.44	41.49
		For Elevated Installation >15' To 20', Add	*16.60*	
		For Work In Restricted Working Space, Add	*24.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.90*	
26 05 33 13-1011	EA	1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	210.42	45.65
		For Elevated Installation >15' To 20', Add	*18.26*	
		For Work In Restricted Working Space, Add	*27.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.38*	
26 05 33 13-1012	EA	1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	284.84	52.16
		For Elevated Installation >15' To 20', Add	*20.86*	
		For Work In Restricted Working Space, Add	*31.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.30*	
26 05 33 13-1013	EA	1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	337.58	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.14*	
26 05 33 13-1014	EA	2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	461.31	69.95
		For Elevated Installation >15' To 20', Add	*27.98*	
		For Work In Restricted Working Space, Add	*41.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.97*	

26 05 33 13-1015 Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0823)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-1016	EA	1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	132.27	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-1017	EA	3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	150.76	37.94
		For Elevated Installation >15' To 20', Add	*15.17*	
		For Work In Restricted Working Space, Add	*22.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.76*	
26 05 33 13-1018	EA	1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	183.33	41.49
		For Elevated Installation >15' To 20', Add	*16.60*	
		For Work In Restricted Working Space, Add	*24.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.90*	
26 05 33 13-1019	EA	1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	236.10	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	
26 05 33 13-1020	EA	1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	280.73	52.16
		For Elevated Installation >15' To 20', Add	*20.87*	
		For Work In Restricted Working Space, Add	*31.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.30*	
26 05 33 13-1021	EA	2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	378.27	61.05
		For Elevated Installation >15' To 20', Add	*24.42*	
		For Work In Restricted Working Space, Add	*36.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.63*	
26 05 33 13-1022	EA	2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	610.53	88.91
		For Elevated Installation >15' To 20', Add	*35.57*	
		For Work In Restricted Working Space, Add	*53.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.35*	
26 05 33 13-1023	EA	3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	808.58	115.59
		For Elevated Installation >15' To 20', Add	*46.23*	
		For Work In Restricted Working Space, Add	*69.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.35*	
26 05 33 13-1024	EA	3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,114.44	142.26
		For Elevated Installation >15' To 20', Add	*56.90*	
		For Work In Restricted Working Space, Add	*85.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*85.36*	
26 05 33 13-1025	EA	4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,242.99	171.31
		For Elevated Installation >15' To 20', Add	*68.53*	
		For Work In Restricted Working Space, Add	*102.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*102.79*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1026		Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined *(26 05 33 13-0823)*		
26 05 33 13-1027	EA	1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	27.72	3.56
		For Elevated Installation >15' To 20', Add	*1.42*	
		For Work In Restricted Working Space, Add	*2.14*	
26 05 33 13-1028	EA	3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	31.06	4.15
		For Elevated Installation >15' To 20', Add	*1.66*	
		For Work In Restricted Working Space, Add	*2.49*	
26 05 33 13-1029	EA	1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	40.52	5.33
		For Elevated Installation >15' To 20', Add	*2.13*	
		For Work In Restricted Working Space, Add	*3.20*	
26 05 33 13-1030	EA	1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	52.19	6.52
		For Elevated Installation >15' To 20', Add	*2.61*	
		For Work In Restricted Working Space, Add	*3.91*	
26 05 33 13-1031	EA	1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	58.34	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
26 05 33 13-1032	EA	2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	72.36	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
26 05 33 13-1033	EA	2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	93.94	10.08
		For Elevated Installation >15' To 20', Add	*4.03*	
		For Work In Restricted Working Space, Add	*6.05*	
26 05 33 13-1034	EA	3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	102.24	14.23
		For Elevated Installation >15' To 20', Add	*5.69*	
		For Work In Restricted Working Space, Add	*8.54*	
26 05 33 13-1035	EA	3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	124.53	16.00
		For Elevated Installation >15' To 20', Add	*6.40*	
		For Work In Restricted Working Space, Add	*9.60*	
26 05 33 13-1036	EA	4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	132.83	20.15
		For Elevated Installation >15' To 20', Add	*8.06*	
		For Work In Restricted Working Space, Add	*12.09*	
26 05 33 13-1037		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies *(26 05 33 13-0823)*		
26 05 33 13-1038	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	130.62	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.07*	
26 05 33 13-1039	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	144.48	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-1040	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	168.87	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.41*	
26 05 33 13-1041	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	200.60	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.96*	
26 05 33 13-1042	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	250.76	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	
26 05 33 13-1043	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	303.99	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.14*	
26 05 33 13-1044	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	440.62	80.02
		For Elevated Installation >15' To 20', Add	*32.01*	
		For Work In Restricted Working Space, Add	*48.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.02*	
26 05 33 13-1045	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	564.31	106.70
		For Elevated Installation >15' To 20', Add	*42.68*	
		For Work In Restricted Working Space, Add	*64.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.02*	
26 05 33 13-1046	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,142.11	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.02*	
26 05 33 13-1047	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,677.96	162.42
		For Elevated Installation >15' To 20', Add	*64.97*	
		For Work In Restricted Working Space, Add	*97.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.45*	
26 05 33 13-1048		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies *(26 05 33 13-0823)*		
26 05 33 13-1049	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	226.57	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1050	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	243.69	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-1051	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	278.26	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.41*	
26 05 33 13-1052	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	311.24	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.96*	
26 05 33 13-1053	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	378.12	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	
26 05 33 13-1054	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	425.14	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.14*	
26 05 33 13-1055	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	598.14	80.02
		For Elevated Installation >15' To 20', Add	*32.01*	
		For Work In Restricted Working Space, Add	*48.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.02*	
26 05 33 13-1056	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	834.07	106.70
		For Elevated Installation >15' To 20', Add	*42.68*	
		For Work In Restricted Working Space, Add	*64.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.02*	
26 05 33 13-1057	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,220.45	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.02*	
26 05 33 13-1058	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,780.48	162.42
		For Elevated Installation >15' To 20', Add	*64.97*	
		For Work In Restricted Working Space, Add	*97.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.45*	

26 05 33 13-1059 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies *(26 05 33 13-0823)*

26 05 33 13-1060	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	180.38	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.07*	
26 05 33 13-1061	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	191.96	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-1062	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	220.57	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.41*	
26 05 33 13-1063	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	245.81	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.96*	
26 05 33 13-1064	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	340.02	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	
26 05 33 13-1065	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	427.44	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.14*	
26 05 33 13-1066	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	665.13	80.02
		For Elevated Installation >15' To 20', Add	*32.01*	
		For Work In Restricted Working Space, Add	*48.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.02*	
26 05 33 13-1067	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	970.37	106.70
		For Elevated Installation >15' To 20', Add	*42.68*	
		For Work In Restricted Working Space, Add	*64.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.02*	
26 05 33 13-1068	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,220.45	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.02*	

26 05 33 13-1069 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies *(26 05 33 13-0823)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1070	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	240.13	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.07*	
26 05 33 13-1071	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	266.30	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-1072	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	330.58	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.41*	
26 05 33 13-1073	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	408.01	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.96*	
26 05 33 13-1074	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	569.18	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	
26 05 33 13-1075	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	682.14	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.14*	

26 05 33 13-1076 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings *(26 05 33 13-0823)*

26 05 33 13-1077	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	45.25	11.39
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Work In Restricted Working Space, Add	*6.84*	
26 05 33 13-1078	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	60.25	13.68
		For Elevated Installation >15' To 20', Add	*5.47*	
		For Work In Restricted Working Space, Add	*8.21*	
26 05 33 13-1079	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	76.42	18.24
		For Elevated Installation >15' To 20', Add	*7.30*	
		For Work In Restricted Working Space, Add	*10.94*	
26 05 33 13-1080	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	105.54	22.80
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Work In Restricted Working Space, Add	*13.68*	
26 05 33 13-1081	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	138.93	27.36
		For Elevated Installation >15' To 20', Add	*10.94*	
		For Work In Restricted Working Space, Add	*16.42*	
26 05 33 13-1082	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	241.89	31.92
		For Elevated Installation >15' To 20', Add	*12.77*	
		For Work In Restricted Working Space, Add	*19.15*	
26 05 33 13-1083	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	353.29	36.48
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Work In Restricted Working Space, Add	*21.89*	
26 05 33 13-1084	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	441.57	41.04
		For Elevated Installation >15' To 20', Add	*16.42*	
		For Work In Restricted Working Space, Add	*24.62*	
26 05 33 13-1085	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	616.28	47.87
		For Elevated Installation >15' To 20', Add	*19.15*	
		For Work In Restricted Working Space, Add	*28.73*	
26 05 33 13-1086	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	748.89	54.72
		For Elevated Installation >15' To 20', Add	*21.89*	
		For Work In Restricted Working Space, Add	*32.83*	
26 05 33 13-1087	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,198.78	86.63
		For Elevated Installation >15' To 20', Add	*34.65*	
		For Work In Restricted Working Space, Add	*51.98*	
26 05 33 13-1088	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,636.23	132.23
		For Elevated Installation >15' To 20', Add	*52.89*	
		For Work In Restricted Working Space, Add	*79.34*	

26 05 33 13-1089 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows *(26 05 33 13-0823)*

26 05 33 13-1090	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	169.84	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-1091	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	201.19	31.42
		For Elevated Installation >15' To 20', Add	*12.57*	
		For Work In Restricted Working Space, Add	*18.85*	
26 05 33 13-1092	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	221.53	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1093	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	320.20	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
26 05 33 13-1094	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	424.09	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
26 05 33 13-1095	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	456.74	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1096	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,088.73	78.84
		For Elevated Installation >15' To 20', Add	*31.54*	
		For Work In Restricted Working Space, Add	*47.30*	
26 05 33 13-1097	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,144.67	106.70
		For Elevated Installation >15' To 20', Add	*42.68*	
		For Work In Restricted Working Space, Add	*64.02*	
26 05 33 13-1098	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,879.86	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.03*	
26 05 33 13-1099	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,953.59	162.42
		For Elevated Installation >15' To 20', Add	*64.97*	
		For Work In Restricted Working Space, Add	*97.46*	

26 05 33 13-1100 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows *(26 05 33 13-0823)*

26 05 33 13-1101	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	250.22	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-1102	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	285.01	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1103	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	567.31	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1104	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	594.37	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
26 05 33 13-1105	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	814.65	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
26 05 33 13-1106	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	867.76	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	
26 05 33 13-1107	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,673.97	80.02
		For Elevated Installation >15' To 20', Add	*32.01*	
		For Work In Restricted Working Space, Add	*48.02*	
26 05 33 13-1108	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,757.24	106.70
		For Elevated Installation >15' To 20', Add	*42.68*	
		For Work In Restricted Working Space, Add	*64.02*	
26 05 33 13-1109	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	2,578.59	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-1110	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	2,917.71	162.42
		For Elevated Installation >15' To 20', Add	*64.97*	
		For Work In Restricted Working Space, Add	*97.45*	

26 05 33 13-1111 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows *(26 05 33 13-0823)*

26 05 33 13-1112	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	95.25	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
26 05 33 13-1113	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	110.64	18.38
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Work In Restricted Working Space, Add	*11.03*	
26 05 33 13-1114	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	131.68	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-1115	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	155.54	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	

26 05 33 13-1116 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows *(26 05 33 13-0823)*

26 05 33 13-1117	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	74.31	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
26 05 33 13-1118	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	85.50	18.38
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Work In Restricted Working Space, Add	*11.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1119	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	119.44	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-1120	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	155.63	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-1121	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	190.14	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-1122	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	275.60	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1123	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	377.44	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	

26 05 33 13-1124 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows *(26 05 33 13-0823)*

26 05 33 13-1125	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	95.30	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
26 05 33 13-1126	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	113.53	18.38
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Work In Restricted Working Space, Add	*11.03*	
26 05 33 13-1127	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	131.71	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-1128	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	155.59	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	

26 05 33 13-1129 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows *(26 05 33 13-0823)*

26 05 33 13-1130	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	74.38	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
26 05 33 13-1131	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	85.50	18.38
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Work In Restricted Working Space, Add	*11.03*	
26 05 33 13-1132	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	110.77	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-1133	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	138.79	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-1134	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	162.71	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-1135	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	187.74	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1136	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	355.04	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-1137	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	404.97	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	
26 05 33 13-1138	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	436.33	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-1139	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	537.37	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	

26 05 33 13-1140 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows *(26 05 33 13-0823)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1141	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	156.28	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.07*	
26 05 33 13-1142	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	168.48	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.56*	
26 05 33 13-1143	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	184.08	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.41*	
26 05 33 13-1144	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	248.73	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.96*	
26 05 33 13-1145	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	318.15	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.45*	

26 05 33 13-1146 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover

(26 05 33 13-0823)

26 05 33 13-1147	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	189.46	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-1148	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	203.70	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1149	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	238.27	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1150	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	342.79	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
26 05 33 13-1151	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	561.87	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
26 05 33 13-1152	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	605.88	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	

26 05 33 13-1153 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover *(26 05 33 13-0823)*

26 05 33 13-1154	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	208.29	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-1155	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	235.11	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1156	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	256.19	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1157	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	361.00	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
26 05 33 13-1158	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	605.31	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
26 05 33 13-1159	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	645.74	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	

26 05 33 13-1160 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover *(26 05 33 13-0823)*

26 05 33 13-1161	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	208.43	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-1162	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	229.56	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1163	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	273.49	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1164	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	374.87	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
26 05 33 13-1165	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	626.01	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
26 05 33 13-1166	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	671.26	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	

26 05 33 13-1167 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover *(26 05 33 13-0823)*

26 05 33 13-1168	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	260.57	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-1169	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	287.51	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1170	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	311.18	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1171	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	796.19	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	

26 05 33 13-1172 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes *(26 05 33 13-0823)*

Note: Excludes cover.

26 05 33 13-1173	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	121.56	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-1174	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	133.37	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1175	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	148.70	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1176	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	135.70	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-1177	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	145.73	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1178	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	165.87	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	

26 05 33 13-1179 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes *(26 05 33 13-0823)*

Note: Excludes cover.

26 05 33 13-1180	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	128.25	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-1181	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	140.89	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1182	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	153.89	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1183	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	145.26	28.45
		For Elevated Installation >15' To 20', Add	*11.38*	
		For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-1184	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	158.07	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1185	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	178.57	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	

26 05 33 13-1186 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers *(26 05 33 13-0823)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1187	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover	47.13	3.56
		For Elevated Installation >15' To 20', Add	*1.42*	
		For Work In Restricted Working Space, Add	*2.14*	
26 05 33 13-1188	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover	64.27	4.15
		For Elevated Installation >15' To 20', Add	*1.66*	
		For Work In Restricted Working Space, Add	*2.49*	
26 05 33 13-1189	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover	60.60	4.15
		For Elevated Installation >15' To 20', Add	*1.66*	
		For Work In Restricted Working Space, Add	*2.49*	
26 05 33 13-1190	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover	53.75	4.15
		For Elevated Installation >15' To 20', Add	*1.66*	
		For Work In Restricted Working Space, Add	*2.49*	
26 05 33 13-1191	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover	265.81	5.92
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Work In Restricted Working Space, Add	*3.56*	
26 05 33 13-1192	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover	236.10	5.92
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Work In Restricted Working Space, Add	*3.56*	

26 05 33 13-1193 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies *(26 05 33 13-0823)*

Note: Includes covers.

26 05 33 13-1194	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	269.66	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1195	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	302.54	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
26 05 33 13-1196	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	420.93	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
26 05 33 13-1197	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	501.47	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	
26 05 33 13-1198	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	725.02	80.02
		For Elevated Installation >15' To 20', Add	*32.01*	
		For Work In Restricted Working Space, Add	*48.02*	
26 05 33 13-1199	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	913.35	106.70
		For Elevated Installation >15' To 20', Add	*42.68*	
		For Work In Restricted Working Space, Add	*64.02*	
26 05 33 13-1200	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,344.74	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-1201	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,669.36	162.42
		For Elevated Installation >15' To 20', Add	*64.97*	
		For Work In Restricted Working Space, Add	*97.45*	
26 05 33 13-1202	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	269.66	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1203	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	302.54	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
26 05 33 13-1204	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	419.73	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
26 05 33 13-1205	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	489.37	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	
26 05 33 13-1206	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	736.16	80.02
		For Elevated Installation >15' To 20', Add	*32.01*	
		For Work In Restricted Working Space, Add	*48.02*	
26 05 33 13-1207	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	963.33	106.70
		For Elevated Installation >15' To 20', Add	*42.68*	
		For Work In Restricted Working Space, Add	*64.02*	
26 05 33 13-1208	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,405.07	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-1209	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,706.93	162.42
		For Elevated Installation >15' To 20', Add	*64.97*	
		For Work In Restricted Working Space, Add	*97.45*	
26 05 33 13-1210	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	269.66	37.34
		For Elevated Installation >15' To 20', Add	*14.94*	
		For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1211	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	302.54	43.27
		For Elevated Installation >15' To 20', Add	*17.31*	
		For Work In Restricted Working Space, Add	*25.96*	
26 05 33 13-1212	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	419.73	47.42
		For Elevated Installation >15' To 20', Add	*18.97*	
		For Work In Restricted Working Space, Add	*28.45*	
26 05 33 13-1213	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	489.37	56.90
		For Elevated Installation >15' To 20', Add	*22.76*	
		For Work In Restricted Working Space, Add	*34.14*	
26 05 33 13-1214	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	736.16	80.02
		For Elevated Installation >15' To 20', Add	*32.01*	
		For Work In Restricted Working Space, Add	*48.02*	
26 05 33 13-1215	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	963.33	106.70
		For Elevated Installation >15' To 20', Add	*42.68*	
		For Work In Restricted Working Space, Add	*64.02*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1216		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,405.07	133.37
			For Elevated Installation >15' To 20', Add	*53.35*	
			For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-1217		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,706.93	162.42
			For Elevated Installation >15' To 20', Add	*64.97*	
			For Work In Restricted Working Space, Add	*97.45*	
26 05 33 13-1218		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	269.66	37.34
			For Elevated Installation >15' To 20', Add	*14.94*	
			For Work In Restricted Working Space, Add	*22.41*	
26 05 33 13-1219		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	302.54	43.27
			For Elevated Installation >15' To 20', Add	*17.31*	
			For Work In Restricted Working Space, Add	*25.96*	
26 05 33 13-1220		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	420.93	47.42
			For Elevated Installation >15' To 20', Add	*18.97*	
			For Work In Restricted Working Space, Add	*28.45*	
26 05 33 13-1221		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	495.89	56.90
			For Elevated Installation >15' To 20', Add	*22.76*	
			For Work In Restricted Working Space, Add	*34.14*	
26 05 33 13-1222		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	725.02	80.02
			For Elevated Installation >15' To 20', Add	*32.01*	
			For Work In Restricted Working Space, Add	*48.02*	
26 05 33 13-1223		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	913.35	106.70
			For Elevated Installation >15' To 20', Add	*42.68*	
			For Work In Restricted Working Space, Add	*64.02*	
26 05 33 13-1224		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,344.74	133.37
			For Elevated Installation >15' To 20', Add	*53.35*	
			For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-1225		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,685.01	162.42
			For Elevated Installation >15' To 20', Add	*64.97*	
			For Work In Restricted Working Space, Add	*97.45*	

26 05 33 13-1226 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers *(26 05 33 13-0823)*

26 05 33 13-1227		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	137.69	5.33
			For Elevated Installation >15' To 20', Add	*2.13*	
			For Work In Restricted Working Space, Add	*3.20*	
26 05 33 13-1228		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	138.88	5.92
			For Elevated Installation >15' To 20', Add	*2.37*	
			For Work In Restricted Working Space, Add	*3.56*	
26 05 33 13-1229		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	196.36	8.30
			For Elevated Installation >15' To 20', Add	*3.32*	
			For Work In Restricted Working Space, Add	*4.98*	
26 05 33 13-1230		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	198.73	9.48
			For Elevated Installation >15' To 20', Add	*3.79*	
			For Work In Restricted Working Space, Add	*5.69*	
26 05 33 13-1231		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	348.71	11.26
			For Elevated Installation >15' To 20', Add	*4.51*	
			For Work In Restricted Working Space, Add	*6.76*	
26 05 33 13-1232		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	354.63	14.23
			For Elevated Installation >15' To 20', Add	*5.69*	
			For Work In Restricted Working Space, Add	*8.54*	
26 05 33 13-1233		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	535.63	16.00
			For Elevated Installation >15' To 20', Add	*6.40*	
			For Work In Restricted Working Space, Add	*9.60*	
26 05 33 13-1234		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	545.11	20.74
			For Elevated Installation >15' To 20', Add	*8.30*	
			For Work In Restricted Working Space, Add	*12.45*	

26 05 33 13-1235 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings *(26 05 33 13-0823)*

26 05 33 13-1236		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	235.57	14.82
			For Elevated Installation >15' To 20', Add	*5.93*	
			For Work In Restricted Working Space, Add	*8.89*	
26 05 33 13-1237		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	278.10	18.38
			For Elevated Installation >15' To 20', Add	*7.35*	
			For Work In Restricted Working Space, Add	*11.03*	
26 05 33 13-1238		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	328.97	22.53
			For Elevated Installation >15' To 20', Add	*9.01*	
			For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-1239		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	405.73	26.09
			For Elevated Installation >15' To 20', Add	*10.43*	
			For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-1240		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	543.83	29.63
			For Elevated Installation >15' To 20', Add	*11.86*	
			For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-1241		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	755.26	32.60
			For Elevated Installation >15' To 20', Add	*13.04*	
			For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1242		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,080.19	40.90
			For Elevated Installation >15' To 20', Add	*16.36*	
			For Work In Restricted Working Space, Add	*24.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1243	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,341.82	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	
26 05 33 13-1244	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,886.85	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-1245	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	2,172.08	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	

26 05 33 13-1246 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper *(26 05 33 13-0823)*

26 05 33 13-1247	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	376.66	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
26 05 33 13-1248	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	390.32	18.38
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Work In Restricted Working Space, Add	*11.03*	
26 05 33 13-1249	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	437.86	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-1250	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	530.17	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-1251	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	643.18	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-1252	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	823.66	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1253	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,217.97	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-1254	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,525.93	55.72
		For Elevated Installation >15' To 20', Add	*22.29*	
		For Work In Restricted Working Space, Add	*33.43*	
26 05 33 13-1255	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,946.29	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-1256	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	2,435.32	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	

26 05 33 13-1257 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs *(26 05 33 13-0823)*

26 05 33 13-1258	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	77.24	7.12
		For Elevated Installation >15' To 20', Add	*2.85*	
		For Work In Restricted Working Space, Add	*4.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.27*	
26 05 33 13-1259	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	83.45	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1260	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	91.58	10.67
		For Elevated Installation >15' To 20', Add	*4.27*	
		For Work In Restricted Working Space, Add	*6.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.40*	
26 05 33 13-1261	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	103.38	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.83*	
26 05 33 13-1262	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	139.72	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1263	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	171.11	16.60
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1264	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	245.71	20.74
		For Elevated Installation >15' To 20', Add	*8.30*	
		For Work In Restricted Working Space, Add	*12.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.45*	
26 05 33 13-1265	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	320.57	27.86
		For Elevated Installation >15' To 20', Add	*11.14*	
		For Work In Restricted Working Space, Add	*16.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1266	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	410.36	31.42
		For Elevated Installation >15' To 20', Add	*12.57*	
		For Work In Restricted Working Space, Add	*18.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.85*	
26 05 33 13-1267	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	515.77	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-1268	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	637.47	66.39
		For Elevated Installation >15' To 20', Add	*26.56*	
		For Work In Restricted Working Space, Add	*39.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.83*	
26 05 33 13-1269	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	961.39	100.17
		For Elevated Installation >15' To 20', Add	*40.07*	
		For Work In Restricted Working Space, Add	*60.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.11*	

26 05 33 13-1270 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs *(26 05 33 13-0823)*

26 05 33 13-1271	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	117.32	7.12
		For Elevated Installation >15' To 20', Add	*2.85*	
		For Work In Restricted Working Space, Add	*4.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.27*	
26 05 33 13-1272	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	123.82	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1273	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	132.84	10.67
		For Elevated Installation >15' To 20', Add	*4.27*	
		For Work In Restricted Working Space, Add	*6.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.40*	
26 05 33 13-1274	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	151.48	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.83*	
26 05 33 13-1275	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	162.43	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1276	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	183.76	16.60
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1277	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	281.21	20.74
		For Elevated Installation >15' To 20', Add	*8.30*	
		For Work In Restricted Working Space, Add	*12.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.45*	
26 05 33 13-1278	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	335.88	27.86
		For Elevated Installation >15' To 20', Add	*11.14*	
		For Work In Restricted Working Space, Add	*16.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.72*	
26 05 33 13-1279	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	413.67	31.42
		For Elevated Installation >15' To 20', Add	*12.57*	
		For Work In Restricted Working Space, Add	*18.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.85*	
26 05 33 13-1280	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	537.12	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-1281	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	834.89	66.39
		For Elevated Installation >15' To 20', Add	*26.56*	
		For Work In Restricted Working Space, Add	*39.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.83*	
26 05 33 13-1282	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	1,368.22	100.17
		For Elevated Installation >15' To 20', Add	*40.07*	
		For Work In Restricted Working Space, Add	*60.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.11*	

26 05 33 13-1283 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTTB Knockout Hubs *(26 05 33 13-0823)*

26 05 33 13-1284	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	126.23	7.12
		For Elevated Installation >15' To 20', Add	*2.85*	
		For Work In Restricted Working Space, Add	*4.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.27*	
26 05 33 13-1285	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	132.27	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1286	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	141.68	10.67
		For Elevated Installation >15' To 20', Add	*4.27*	
		For Work In Restricted Working Space, Add	*6.40*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.40*	
26 05 33 13-1287	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	178.32	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1288	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	194.82	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1289	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	206.12	16.60
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	

26 05 33 13-1290 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions *(26 05 33 13-0823)*

26 05 33 13-1291	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	91.47	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
26 05 33 13-1292	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	99.71	18.38
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Work In Restricted Working Space, Add	*11.03*	
26 05 33 13-1293	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	129.45	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-1294	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	188.00	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-1295	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	223.13	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-1296	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	283.55	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1297	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	377.41	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-1298	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	489.35	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-1299	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	631.20	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-1300	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	812.71	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
26 05 33 13-1301	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,480.01	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-1302	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,845.70	200.36
		For Elevated Installation >15' To 20', Add	*80.14*	
		For Work In Restricted Working Space, Add	*120.21*	

26 05 33 13-1303 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions *(26 05 33 13-0823)*

26 05 33 13-1304	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	93.55	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
26 05 33 13-1305	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	107.67	18.38
		For Elevated Installation >15' To 20', Add	*7.35*	
		For Work In Restricted Working Space, Add	*11.03*	
26 05 33 13-1306	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	133.69	22.53
		For Elevated Installation >15' To 20', Add	*9.01*	
		For Work In Restricted Working Space, Add	*13.52*	
26 05 33 13-1307	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	195.79	26.09
		For Elevated Installation >15' To 20', Add	*10.43*	
		For Work In Restricted Working Space, Add	*15.65*	
26 05 33 13-1308	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	233.93	29.63
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Work In Restricted Working Space, Add	*17.78*	
26 05 33 13-1309	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	306.89	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1310	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	427.34	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-1311	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	540.11	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
26 05 33 13-1312	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	722.99	62.83
		For Elevated Installation >15' To 20', Add	*25.13*	
		For Work In Restricted Working Space, Add	*37.70*	
26 05 33 13-1313	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	904.16	81.80
		For Elevated Installation >15' To 20', Add	*32.72*	
		For Work In Restricted Working Space, Add	*49.08*	
26 05 33 13-1314	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	1,647.64	133.37
		For Elevated Installation >15' To 20', Add	*53.35*	
		For Work In Restricted Working Space, Add	*80.02*	
26 05 33 13-1315	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	2,116.37	200.36
		For Elevated Installation >15' To 20', Add	*80.14*	
		For Work In Restricted Working Space, Add	*120.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1316		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings *(26 05 33 13-0823)*		
26 05 33 13-1317	EA	3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	51.31	4.74
		For Elevated Installation >15' To 20', Add	*1.90*	
		For Work In Restricted Working Space, Add	*2.84*	
26 05 33 13-1318	EA	1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	56.21	5.92
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Work In Restricted Working Space, Add	*3.56*	
26 05 33 13-1319	EA	1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	64.02	5.92
		For Elevated Installation >15' To 20', Add	*2.37*	
		For Work In Restricted Working Space, Add	*3.56*	
26 05 33 13-1320	EA	1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	79.21	6.52
		For Elevated Installation >15' To 20', Add	*2.61*	
		For Work In Restricted Working Space, Add	*3.91*	
26 05 33 13-1321	EA	1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	83.72	6.52
		For Elevated Installation >15' To 20', Add	*2.61*	
		For Work In Restricted Working Space, Add	*3.91*	
26 05 33 13-1322	EA	1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	71.64	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
26 05 33 13-1323	EA	1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	81.70	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
26 05 33 13-1324	EA	1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	126.96	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
26 05 33 13-1325	EA	2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	141.10	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.34*	
26 05 33 13-1326	EA	2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	137.20	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.34*	
26 05 33 13-1327	EA	2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	144.45	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.34*	
26 05 33 13-1328	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	162.71	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.34*	
26 05 33 13-1329	EA	2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	161.35	10.67
		For Elevated Installation >15' To 20', Add	*4.27*	
		For Work In Restricted Working Space, Add	*6.40*	
26 05 33 13-1330	EA	3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	205.59	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
26 05 33 13-1331	EA	3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	303.31	17.19
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Work In Restricted Working Space, Add	*10.31*	
26 05 33 13-1332	EA	4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	405.71	23.71
		For Elevated Installation >15' To 20', Add	*9.48*	
		For Work In Restricted Working Space, Add	*14.23*	
26 05 33 13-1333	EA	5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	506.97	32.60
		For Elevated Installation >15' To 20', Add	*13.04*	
		For Work In Restricted Working Space, Add	*19.56*	
26 05 33 13-1334		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples *(26 05 33 13-0823)*		
26 05 33 13-1335	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	31.77	7.12
		For Elevated Installation >15' To 20', Add	*2.85*	
		For Work In Restricted Working Space, Add	*4.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.27*	
26 05 33 13-1336	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	35.65	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1337	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.38	11.26
		For Elevated Installation >15' To 20', Add	*4.51*	
		For Work In Restricted Working Space, Add	*6.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	
26 05 33 13-1338	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	49.28	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.83*	
26 05 33 13-1339	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	53.58	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1340	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	35.20	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1341	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.05	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1342	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.80	11.26
		For Elevated Installation >15' To 20', Add	*4.51*	
		For Work In Restricted Working Space, Add	*6.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	
26 05 33 13-1343	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.84	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.83*	
26 05 33 13-1344	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	56.34	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1345	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.10	16.60
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1346	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	35.37	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1347	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.22	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1348	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.12	11.26
		For Elevated Installation >15' To 20', Add	*4.51*	
		For Work In Restricted Working Space, Add	*6.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	
26 05 33 13-1349	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.17	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	
26 05 33 13-1350	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	56.68	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1351	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.96	16.60
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1352	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	37.64	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1353	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.49	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1354	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	46.56	11.26
		For Elevated Installation >15' To 20', Add	*4.51*	
		For Work In Restricted Working Space, Add	*6.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	
26 05 33 13-1355	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	53.56	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	
26 05 33 13-1356	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	58.21	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1357	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	64.65	16.60
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1358	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	90.24	20.15
		For Elevated Installation >15' To 20', Add	*8.06*	
		For Work In Restricted Working Space, Add	*12.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.09*	
26 05 33 13-1359	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	116.81	27.86
		For Elevated Installation >15' To 20', Add	*11.14*	
		For Work In Restricted Working Space, Add	*16.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.72*	
26 05 33 13-1360	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	37.81	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1361	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.80	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1362	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	46.89	11.26
		For Elevated Installation >15' To 20', Add	*4.51*	
		For Work In Restricted Working Space, Add	*6.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1363	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	54.95	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	
26 05 33 13-1364	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.74	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1365	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	67.33	16.60
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1366	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	92.61	20.15
		For Elevated Installation >15' To 20', Add	*8.06*	
		For Work In Restricted Working Space, Add	*12.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.09*	
26 05 33 13-1367	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	121.92	27.86
		For Elevated Installation >15' To 20', Add	*11.14*	
		For Work In Restricted Working Space, Add	*16.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.72*	
26 05 33 13-1368	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	145.38	31.42
		For Elevated Installation >15' To 20', Add	*12.56*	
		For Work In Restricted Working Space, Add	*18.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.85*	
26 05 33 13-1369	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	170.12	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-1370	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.12	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1371	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.14	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1372	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.25	11.26
		For Elevated Installation >15' To 20', Add	*4.51*	
		For Work In Restricted Working Space, Add	*6.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	
26 05 33 13-1373	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	55.60	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	
26 05 33 13-1374	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	60.42	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1375	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	68.79	16.60
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1376	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	102.05	20.15
		For Elevated Installation >15' To 20', Add	*8.06*	
		For Work In Restricted Working Space, Add	*12.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.09*	
26 05 33 13-1377	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	129.56	27.86
		For Elevated Installation >15' To 20', Add	*11.14*	
		For Work In Restricted Working Space, Add	*16.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.72*	
26 05 33 13-1378	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	147.01	31.42
		For Elevated Installation >15' To 20', Add	*12.56*	
		For Work In Restricted Working Space, Add	*18.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.85*	
26 05 33 13-1379	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	174.48	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-1380	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	256.80	56.31
		For Elevated Installation >15' To 20', Add	*22.52*	
		For Work In Restricted Working Space, Add	*33.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.79*	
26 05 33 13-1381	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.72	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1382	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.74	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1383	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.90	11.26
		For Elevated Installation >15' To 20', Add	*4.51*	
		For Work In Restricted Working Space, Add	*6.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	
26 05 33 13-1384	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	56.79	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1385	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.85	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1386	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	70.25	16.60
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1387	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	111.63	20.15
		For Elevated Installation >15' To 20', Add	*8.06*	
		For Work In Restricted Working Space, Add	*12.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.09*	
26 05 33 13-1388	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	139.72	27.86
		For Elevated Installation >15' To 20', Add	*11.14*	
		For Work In Restricted Working Space, Add	*16.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.72*	
26 05 33 13-1389	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	156.16	31.42
		For Elevated Installation >15' To 20', Add	*12.56*	
		For Work In Restricted Working Space, Add	*18.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.85*	
26 05 33 13-1390	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	189.91	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-1391	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	279.87	56.31
		For Elevated Installation >15' To 20', Add	*22.52*	
		For Work In Restricted Working Space, Add	*33.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.79*	
26 05 33 13-1392	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	39.66	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1393	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.65	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1394	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	49.34	11.26
		For Elevated Installation >15' To 20', Add	*4.51*	
		For Work In Restricted Working Space, Add	*6.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	
26 05 33 13-1395	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	57.11	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	
26 05 33 13-1396	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	64.78	14.82
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Work In Restricted Working Space, Add	*8.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1397	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	77.39	16.60
		For Elevated Installation >15' To 20', Add	*6.64*	
		For Work In Restricted Working Space, Add	*9.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1398	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	123.42	20.15
		For Elevated Installation >15' To 20', Add	*8.06*	
		For Work In Restricted Working Space, Add	*12.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.09*	
26 05 33 13-1399	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	153.61	27.86
		For Elevated Installation >15' To 20', Add	*11.14*	
		For Work In Restricted Working Space, Add	*16.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.72*	
26 05 33 13-1400	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	179.06	31.42
		For Elevated Installation >15' To 20', Add	*12.56*	
		For Work In Restricted Working Space, Add	*18.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.85*	
26 05 33 13-1401	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	213.08	40.90
		For Elevated Installation >15' To 20', Add	*16.36*	
		For Work In Restricted Working Space, Add	*24.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-1402	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	295.68	56.31
		For Elevated Installation >15' To 20', Add	*22.52*	
		For Work In Restricted Working Space, Add	*33.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.79*	
26 05 33 13-1403	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.64	7.71
		For Elevated Installation >15' To 20', Add	*3.08*	
		For Work In Restricted Working Space, Add	*4.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1404	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.61	8.89
		For Elevated Installation >15' To 20', Add	*3.56*	
		For Work In Restricted Working Space, Add	*5.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1405	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	50.75	11.26
		For Elevated Installation >15' To 20', Add	*4.51*	
		For Work In Restricted Working Space, Add	*6.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	
26 05 33 13-1406	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.42	13.04
		For Elevated Installation >15' To 20', Add	*5.22*	
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1407		EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	71.72	14.82
			For Elevated Installation >15' To 20', Add	*5.93*	
			For Work In Restricted Working Space, Add	*8.89*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1408		EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	87.89	16.60
			For Elevated Installation >15' To 20', Add	*6.64*	
			For Work In Restricted Working Space, Add	*9.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1409		EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	135.88	20.15
			For Elevated Installation >15' To 20', Add	*8.06*	
			For Work In Restricted Working Space, Add	*12.09*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.09*	
26 05 33 13-1410		EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	171.41	27.86
			For Elevated Installation >15' To 20', Add	*11.14*	
			For Work In Restricted Working Space, Add	*16.72*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.72*	
26 05 33 13-1411		EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	203.12	31.42
			For Elevated Installation >15' To 20', Add	*12.56*	
			For Work In Restricted Working Space, Add	*18.85*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.85*	
26 05 33 13-1412		EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	253.61	40.90
			For Elevated Installation >15' To 20', Add	*16.36*	
			For Work In Restricted Working Space, Add	*24.54*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-1413		EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	327.23	56.31
			For Elevated Installation >15' To 20', Add	*22.52*	
			For Work In Restricted Working Space, Add	*33.79*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.79*	
26 05 33 13-1414		EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.64	7.71
			For Elevated Installation >15' To 20', Add	*3.08*	
			For Work In Restricted Working Space, Add	*4.62*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.62*	
26 05 33 13-1415		EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.73	8.89
			For Elevated Installation >15' To 20', Add	*3.56*	
			For Work In Restricted Working Space, Add	*5.33*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.33*	
26 05 33 13-1416		EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	54.35	11.26
			For Elevated Installation >15' To 20', Add	*4.51*	
			For Work In Restricted Working Space, Add	*6.76*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.76*	
26 05 33 13-1417		EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	68.51	13.04
			For Elevated Installation >15' To 20', Add	*5.22*	
			For Work In Restricted Working Space, Add	*7.82*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	
26 05 33 13-1418		EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	80.13	14.82
			For Elevated Installation >15' To 20', Add	*5.93*	
			For Work In Restricted Working Space, Add	*8.89*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.89*	
26 05 33 13-1419		EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	96.32	16.60
			For Elevated Installation >15' To 20', Add	*6.64*	
			For Work In Restricted Working Space, Add	*9.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.96*	
26 05 33 13-1420		EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	152.50	20.15
			For Elevated Installation >15' To 20', Add	*8.06*	
			For Work In Restricted Working Space, Add	*12.09*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.09*	
26 05 33 13-1421		EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	198.10	27.86
			For Elevated Installation >15' To 20', Add	*11.14*	
			For Work In Restricted Working Space, Add	*16.72*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.72*	
26 05 33 13-1422		EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	217.87	31.42
			For Elevated Installation >15' To 20', Add	*12.56*	
			For Work In Restricted Working Space, Add	*18.85*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.85*	
26 05 33 13-1423		EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	266.05	40.90
			For Elevated Installation >15' To 20', Add	*16.36*	
			For Work In Restricted Working Space, Add	*24.54*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.54*	
26 05 33 13-1424		EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	331.74	56.31
			For Elevated Installation >15' To 20', Add	*22.52*	
			For Work In Restricted Working Space, Add	*33.79*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.79*	

26 05 33 13-1425 Aluminum Rigid Conduit (ARC) *(26 05 33 13-0058)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1426 Aluminum Rigid Conduit (ARC) With Threaded Coupling *(26 05 33 13-1425)*

Note: Includes field bend conduit up to 1".

26 05 33 13-1427		LF	1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	5.61	1.82
			For Work In Restricted Working Space, Add	*1.37*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.68*	
26 05 33 13-1428		LF	3/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	6.41	2.00
			For Work In Restricted Working Space, Add	*1.50*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.75*	
26 05 33 13-1429		LF	1" Aluminum Rigid Conduit (ARC) With Threaded Coupling	7.46	2.18
			For Work In Restricted Working Space, Add	*1.64*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.82*	
26 05 33 13-1430		LF	1-1/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	8.53	2.38
			For Work In Restricted Working Space, Add	*1.78*	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1431	LF	1-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	9.62	2.56
		For Work In Restricted Working Space, Add	*1.91*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.96*	
26 05 33 13-1432	LF	2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	11.64	2.92
		For Work In Restricted Working Space, Add	*2.19*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.10*	
26 05 33 13-1433	LF	2-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	15.97	3.65
		For Work In Restricted Working Space, Add	*2.74*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.37*	
26 05 33 13-1434	LF	3" Aluminum Rigid Conduit (ARC) With Threaded Coupling	19.94	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.64*	
26 05 33 13-1435	LF	3-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	24.48	5.47
		For Work In Restricted Working Space, Add	*4.10*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.05*	
26 05 33 13-1436	LF	4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	30.13	6.93
		For Work In Restricted Working Space, Add	*5.20*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.60*	
26 05 33 13-1437	LF	5" Aluminum Rigid Conduit (ARC) With Threaded Coupling	40.20	8.76
		For Work In Restricted Working Space, Add	*6.57*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.28*	
26 05 33 13-1438	LF	6" Aluminum Rigid Conduit (ARC) With Threaded Coupling	51.46	10.94
		For Work In Restricted Working Space, Add	*8.21*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.10*	

26 05 33 13-1439 Aluminum 90 Degree Elbows *(26 05 33 13-1425)*

26 05 33 13-1440	EA	1" Aluminum 90 Degree Elbow	34.86	9.48
		For Work In Restricted Working Space, Add	*7.11*	
26 05 33 13-1441	EA	1-1/4" Aluminum 90 Degree Elbow	44.62	10.76
		For Work In Restricted Working Space, Add	*8.07*	
26 05 33 13-1442	EA	1-1/2" Aluminum 90 Degree Elbow	54.59	12.41
		For Work In Restricted Working Space, Add	*9.30*	
26 05 33 13-1443	EA	2" Aluminum 90 Degree Elbow	70.29	14.23
		For Work In Restricted Working Space, Add	*10.67*	
26 05 33 13-1444	EA	2-1/2" Aluminum 90 Degree Elbow	101.82	17.33
		For Work In Restricted Working Space, Add	*12.99*	
26 05 33 13-1445	EA	3" Aluminum 90 Degree Elbow	146.45	22.44
		For Work In Restricted Working Space, Add	*16.82*	
26 05 33 13-1446	EA	3-1/2" Aluminum 90 Degree Elbow	203.86	25.17
		For Work In Restricted Working Space, Add	*18.88*	
26 05 33 13-1447	EA	4" Aluminum 90 Degree Elbow	246.00	31.56
		For Work In Restricted Working Space, Add	*23.66*	
26 05 33 13-1448	EA	5" Aluminum 90 Degree Elbow	622.71	51.43
		For Work In Restricted Working Space, Add	*38.57*	
26 05 33 13-1449	EA	6" Aluminum 90 Degree Elbow	877.00	77.34
		For Work In Restricted Working Space, Add	*58.00*	

26 05 33 13-1450 Aluminum Bushing Set With Locknut *(26 05 33 13-1425)*

26 05 33 13-1451	EA	1/2" Aluminum Bushing Set With Locknut	9.97	3.65
		For Work In Restricted Working Space, Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.74*	
26 05 33 13-1452	EA	3/4" Aluminum Bushing Set With Locknut	15.28	4.74
		For Work In Restricted Working Space, Add	*3.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-1453	EA	1" Aluminum Bushing Set With Locknut	15.14	5.83
		For Work In Restricted Working Space, Add	*4.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.38*	
26 05 33 13-1454	EA	1-1/4" Aluminum Bushing Set With Locknut	17.03	6.56
		For Work In Restricted Working Space, Add	*4.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-1455	EA	1-1/2" Aluminum Bushing Set With Locknut	20.85	8.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-1456	EA	2" Aluminum Bushing Set With Locknut	25.46	9.67
		For Work In Restricted Working Space, Add	*7.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.25*	
26 05 33 13-1457	EA	2-1/2" Aluminum Bushing Set With Locknut	31.36	11.49
		For Work In Restricted Working Space, Add	*8.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.62*	
26 05 33 13-1458	EA	3" Aluminum Bushing Set With Locknut	36.75	13.13
		For Work In Restricted Working Space, Add	*9.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-1459	EA	3-1/2" Aluminum Bushing Set With Locknut	39.74	14.23
		For Work In Restricted Working Space, Add	*10.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.67*	
26 05 33 13-1460	EA	4" Aluminum Bushing Set With Locknut	43.30	15.32
		For Work In Restricted Working Space, Add	*11.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.49*	
26 05 33 13-1461	EA	5" Aluminum Bushing Set With Locknut	57.33	20.42
		For Work In Restricted Working Space, Add	*15.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.32*	
26 05 33 13-1462	EA	6" Aluminum Bushing Set With Locknut	85.19	30.65
		For Work In Restricted Working Space, Add	*22.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1463		**Schedule 40 Polyvinyl Chloride (PVC) Conduit** *(26 05 33 13-0058)* Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-1464		**Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings** *(26 05 33 13-1463)* Note: Includes field bend conduit up to 1".		
26 05 33 13-1465	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	3.64	1.38
		For Schedule 60, Add	*0.22*	
		For Schedule 80, Add	*0.41*	
26 05 33 13-1466	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	4.04	1.52
		For Schedule 60, Add	*0.25*	
		For Schedule 80, Add	*0.46*	
26 05 33 13-1467	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	4.79	1.77
		For Schedule 60, Add	*0.31*	
		For Schedule 80, Add	*0.57*	
26 05 33 13-1468	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	5.53	2.03
		For Schedule 60, Add	*0.37*	
		For Schedule 80, Add	*0.67*	
26 05 33 13-1469	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	6.48	2.36
		For Schedule 60, Add	*0.44*	
		For Schedule 80, Add	*0.79*	
26 05 33 13-1470	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	7.50	2.70
		For Schedule 60, Add	*0.52*	
		For Schedule 80, Add	*0.94*	
26 05 33 13-1471	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	9.20	3.21
		For Schedule 60, Add	*0.69*	
		For Schedule 80, Add	*1.21*	
26 05 33 13-1472	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	10.69	3.72
		For Schedule 60, Add	*0.81*	
		For Schedule 80, Add	*1.42*	
26 05 33 13-1473	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	12.77	4.40
		For Schedule 60, Add	*0.99*	
		For Schedule 80, Add	*1.72*	
26 05 33 13-1474	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	15.49	5.41
		For Schedule 60, Add	*1.17*	
		For Schedule 80, Add	*2.04*	
26 05 33 13-1475	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	21.92	7.61
		For Schedule 60, Add	*1.68*	
		For Schedule 80, Add	*2.92*	
26 05 33 13-1476	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	29.18	10.14
		For Schedule 60, Add	*2.22*	
		For Schedule 80, Add	*3.87*	
26 05 33 13-1477		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows** *(26 05 33 13-1463)* See CSI section 26 05 33 13-2255 for conduit field bending.		
26 05 33 13-1478	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	17.73	6.76
		For Schedule 60, Add	*1.05*	
		For Schedule 80, Add	*1.98*	
26 05 33 13-1479	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	19.59	7.44
		For Schedule 60, Add	*1.18*	
		For Schedule 80, Add	*2.21*	
26 05 33 13-1480	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	22.68	8.45
		For Schedule 60, Add	*1.44*	
		For Schedule 80, Add	*2.66*	
26 05 33 13-1481	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	29.29	10.82
		For Schedule 60, Add	*1.91*	
		For Schedule 80, Add	*3.49*	
26 05 33 13-1482	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	36.85	13.53
		For Schedule 60, Add	*2.45*	
		For Schedule 80, Add	*4.45*	
26 05 33 13-1483	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	46.46	16.90
		For Schedule 60, Add	*3.16*	
		For Schedule 80, Add	*5.70*	
26 05 33 13-1484	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	58.15	20.29
		For Schedule 60, Add	*4.39*	
		For Schedule 80, Add	*7.67*	
26 05 33 13-1485	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	71.32	23.66
		For Schedule 60, Add	*5.99*	
		For Schedule 80, Add	*10.17*	
26 05 33 13-1486	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	88.74	28.74
		For Schedule 60, Add	*7.81*	
		For Schedule 80, Add	*13.09*	
26 05 33 13-1487	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	106.24	33.81
		For Schedule 60, Add	*9.65*	
		For Schedule 80, Add	*16.05*	
26 05 33 13-1488	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	143.95	42.26
		For Schedule 60, Add	*14.85*	
		For Schedule 80, Add	*23.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1489	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	175.60	50.72
		For Schedule 60, Add	*18.54*	
		For Schedule 80, Add	*29.76*	
26 05 33 13-1490		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows** *(26 05 33 13-1463)* See CSI section 26 05 33 13-2255 for conduit field bending.		
26 05 33 13-1491	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	17.73	6.76
		For Schedule 60, Add	*1.05*	
		For Schedule 80, Add	*1.98*	
26 05 33 13-1492	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	19.53	7.44
		For Schedule 60, Add	*1.16*	
		For Schedule 80, Add	*2.19*	
26 05 33 13-1493	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	22.60	8.45
		For Schedule 60, Add	*1.42*	
		For Schedule 80, Add	*2.63*	
26 05 33 13-1494	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	29.05	10.82
		For Schedule 60, Add	*1.85*	
		For Schedule 80, Add	*3.41*	
26 05 33 13-1495	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	36.31	13.53
		For Schedule 60, Add	*2.32*	
		For Schedule 80, Add	*4.26*	
26 05 33 13-1496	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	46.18	16.90
		For Schedule 60, Add	*3.09*	
		For Schedule 80, Add	*5.60*	
26 05 33 13-1497	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	57.61	20.29
		For Schedule 60, Add	*4.26*	
		For Schedule 80, Add	*7.48*	
26 05 33 13-1498	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	70.64	23.66
		For Schedule 60, Add	*5.82*	
		For Schedule 80, Add	*9.93*	
26 05 33 13-1499	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	86.82	28.74
		For Schedule 60, Add	*7.33*	
		For Schedule 80, Add	*12.42*	
26 05 33 13-1500	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	104.60	33.81
		For Schedule 60, Add	*9.24*	
		For Schedule 80, Add	*15.48*	
26 05 33 13-1501	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	141.82	42.26
		For Schedule 60, Add	*14.32*	
		For Schedule 80, Add	*23.22*	
26 05 33 13-1502	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2255 for conduit field bending.	169.24	50.72
		For Schedule 60, Add	*16.95*	
		For Schedule 80, Add	*27.53*	
26 05 33 13-1503		**Polyvinyl Chloride (PVC) Conduit Female Adapters** *(26 05 33 13-1463)*		
26 05 33 13-1504	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	12.22	4.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.55*	
26 05 33 13-1505	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	14.05	5.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 33 13-1506	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter	15.92	6.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.56*	
26 05 33 13-1507	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	17.88	6.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.07*	
26 05 33 13-1508	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	22.20	8.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.34*	
26 05 33 13-1509	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter	26.88	10.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 05 33 13-1510	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	36.61	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.14*	
26 05 33 13-1511	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter	46.08	16.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.68*	
26 05 33 13-1512	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	59.80	21.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.49*	
26 05 33 13-1513	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter	72.70	27.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.29*	
26 05 33 13-1514	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter	94.76	33.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.36*	
26 05 33 13-1515	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter	118.02	42.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.70*	
26 05 33 13-1516		**Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug** *(26 05 33 13-1463)*		
26 05 33 13-1517	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	13.25	4.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1518	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	15.17	4.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.55*	
26 05 33 13-1519	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	17.10	5.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 33 13-1520	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	20.11	6.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.56*	
26 05 33 13-1521	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	22.40	6.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.07*	
26 05 33 13-1522	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	26.67	7.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.83*	
26 05 33 13-1523	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	29.91	8.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.59*	
26 05 33 13-1524	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	33.99	10.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 05 33 13-1525	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	40.14	11.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.87*	
26 05 33 13-1526	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	44.60	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.14*	
26 05 33 13-1527	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	55.15	15.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.41*	
26 05 33 13-1528	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	61.89	16.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.68*	

26 05 33 13-1529 Polyvinyl Chloride (PVC) Conduit Terminal Adapters *(26 05 33 13-1463)*

26 05 33 13-1530	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	13.33	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.90*	
26 05 33 13-1531	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	16.10	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.67*	
26 05 33 13-1532	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	17.94	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.19*	
26 05 33 13-1533	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	20.11	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.78*	
26 05 33 13-1534	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	22.07	8.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.34*	
26 05 33 13-1535	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	26.70	10.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 05 33 13-1536	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	36.25	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.14*	
26 05 33 13-1537	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	45.57	16.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.68*	
26 05 33 13-1538	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	59.15	21.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.49*	
26 05 33 13-1539	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	72.03	27.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.29*	
26 05 33 13-1540	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	93.45	33.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.36*	
26 05 33 13-1541	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	116.44	42.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.70*	

26 05 33 13-1542 Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover *(26 05 33 13-1463)*

26 05 33 13-1543	EA	1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	37.36	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.14*	
26 05 33 13-1544	EA	3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	43.06	15.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.41*	
26 05 33 13-1545	EA	1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	47.82	16.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.68*	
26 05 33 13-1546	EA	1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	58.66	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.22*	
26 05 33 13-1547	EA	1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	72.70	25.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-1548	EA	2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	92.57	30.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.82*	
26 05 33 13-1549	EA	2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	146.36	33.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.36*	
26 05 33 13-1550	EA	3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	156.98	37.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.90*	
26 05 33 13-1551	EA	3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	171.80	42.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.70*	
26 05 33 13-1552	EA	4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	193.03	49.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.77*	

26 05 33 13-1553 Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover *(26 05 33 13-1463)*

26 05 33 13-1554	EA	1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	50.33	18.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	
26 05 33 13-1555	EA	3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	56.09	20.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-1556	EA	1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	60.78	21.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.42*	
26 05 33 13-1557	EA	1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	74.78	25.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.15*	
26 05 33 13-1558	EA	1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	90.44	31.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.26*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1559		EA	2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	110.08	36.48
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.36*	

26 05 33 13-1560 Polyvinyl Chloride (PVC) Conduit Expansion Joint *(26 05 33 13-1463)*

26 05 33 13-1561		EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	72.59	16.90
26 05 33 13-1562		EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	81.82	20.29
26 05 33 13-1563		EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint	91.50	23.66
26 05 33 13-1564		EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	100.73	27.05
26 05 33 13-1565		EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	109.76	30.43
26 05 33 13-1566		EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	120.26	33.81
26 05 33 13-1567		EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	145.51	38.89
26 05 33 13-1568		EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint	172.57	43.95
26 05 33 13-1569		EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	201.51	50.72
26 05 33 13-1570		EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	238.96	59.18
26 05 33 13-1571		EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint	311.18	71.00
26 05 33 13-1572		EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint	407.81	91.29

26 05 33 13-1573 Polyvinyl Chloride (PVC) Conduit End Caps *(26 05 33 13-1463)*

26 05 33 13-1574		EA	1/2" Polyvinyl Chloride (PVC) Conduit End Cap	10.04	3.38
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-1575		EA	3/4" Polyvinyl Chloride (PVC) Conduit End Cap	11.91	4.06
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.04*	
26 05 33 13-1576		EA	1" Polyvinyl Chloride (PVC) Conduit End Cap	13.76	4.74
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.55*	
26 05 33 13-1577		EA	1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap	16.29	5.41
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 33 13-1578		EA	1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	18.84	6.09
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.56*	
26 05 33 13-1579		EA	2" Polyvinyl Chloride (PVC) Conduit End Cap	21.97	6.76
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.07*	
26 05 33 13-1580		EA	2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	30.18	7.78
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.83*	
26 05 33 13-1581		EA	3" Polyvinyl Chloride (PVC) Conduit End Cap	33.24	8.79
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.59*	
26 05 33 13-1582		EA	3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	41.58	9.80
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.36*	
26 05 33 13-1583		EA	4" Polyvinyl Chloride (PVC) Conduit End Cap	49.43	10.49
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.86*	
26 05 33 13-1584		EA	5" Polyvinyl Chloride (PVC) Conduit End Cap	57.23	11.84
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.87*	
26 05 33 13-1585		EA	6" Polyvinyl Chloride (PVC) Conduit End Cap	71.49	13.53
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.14*	

26 05 33 13-1586 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-1463)*

26 05 33 13-1587		EA	2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200)	97.55	30.43
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.82*	
26 05 33 13-1588		EA	3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121)	94.07	20.29
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.22*	
26 05 33 13-1589		EA	1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251)	217.43	33.81
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.36*	
26 05 33 13-1590		EA	3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401)	411.74	49.03
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.77*	

26 05 33 13-1591 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-0058)*

Note: Exposed installation. Excludes supporting strap, hanger and fastening.

26 05 33 13-1592 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1591)*

26 05 33 13-1593		LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	5.44	1.38
26 05 33 13-1594		LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	6.04	1.52
26 05 33 13-1595		LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	6.79	1.76
26 05 33 13-1596		LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	7.55	2.03
26 05 33 13-1597		LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	8.61	2.36
26 05 33 13-1598		LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	9.52	2.70
26 05 33 13-1599		LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	11.33	3.21
26 05 33 13-1600		LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	13.25	3.72
26 05 33 13-1601		LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	15.45	4.40
26 05 33 13-1602		LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	18.48	5.41
26 05 33 13-1603		LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	25.21	7.61
26 05 33 13-1604		LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	33.10	10.14

26 05 33 13-1605 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1591)*

26 05 33 13-1606		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	53.47	6.76
			For 24" Radius, Add	*3.59*	
			For 36" Radius, Add	*5.35*	
			For 48" Radius, Add	*7.11*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1607		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	59.54	7.44
			For 24" Radius, Add	*4.00*	
			For 36" Radius, Add	*5.95*	
			For 48" Radius, Add	*7.91*	
26 05 33 13-1608		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	62.49	8.45
			For 24" Radius, Add	*4.16*	
			For 36" Radius, Add	*6.25*	
			For 48" Radius, Add	*8.34*	
26 05 33 13-1609		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	68.81	10.82
			For 24" Radius, Add	*4.48*	
			For 36" Radius, Add	*6.88*	
			For 48" Radius, Add	*9.28*	
26 05 33 13-1610		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	75.98	13.53
			For 24" Radius, Add	*4.85*	
			For 36" Radius, Add	*7.60*	
			For 48" Radius, Add	*10.34*	
26 05 33 13-1611		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	90.25	16.90
			For 24" Radius, Add	*5.71*	
			For 36" Radius, Add	*9.03*	
			For 48" Radius, Add	*12.34*	
26 05 33 13-1612		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	108.16	20.29
			For 24" Radius, Add	*6.84*	
			For 36" Radius, Add	*10.82*	
			For 48" Radius, Add	*14.79*	
26 05 33 13-1613		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	128.11	23.66
			For 24" Radius, Add	*8.13*	
			For 36" Radius, Add	*12.81*	
			For 48" Radius, Add	*17.49*	
26 05 33 13-1614		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	149.40	28.74
			For 24" Radius, Add	*9.41*	
			For 36" Radius, Add	*14.94*	
			For 48" Radius, Add	*20.47*	
26 05 33 13-1615		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	170.69	33.81
			For 24" Radius, Add	*10.69*	
			For 36" Radius, Add	*17.07*	
			For 48" Radius, Add	*23.45*	
26 05 33 13-1616		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	213.37	42.26
			For 24" Radius, Add	*13.36*	
			For 36" Radius, Add	*21.34*	
			For 48" Radius, Add	*29.31*	
26 05 33 13-1617		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	261.42	50.72
			For 24" Radius, Add	*16.44*	
			For 36" Radius, Add	*26.14*	
			For 48" Radius, Add	*35.85*	

26 05 33 13-1618 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1591)*

26 05 33 13-1619		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	46.88	6.76
			For 24" Radius, Add	*3.09*	
			For 36" Radius, Add	*4.69*	
			For 48" Radius, Add	*6.28*	
26 05 33 13-1620		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	52.17	7.44
			For 24" Radius, Add	*3.45*	
			For 36" Radius, Add	*5.22*	
			For 48" Radius, Add	*6.99*	
26 05 33 13-1621		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	55.04	8.45
			For 24" Radius, Add	*3.60*	
			For 36" Radius, Add	*5.50*	
			For 48" Radius, Add	*7.41*	
26 05 33 13-1622		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	61.29	10.82
			For 24" Radius, Add	*3.92*	
			For 36" Radius, Add	*6.13*	
			For 48" Radius, Add	*8.34*	
26 05 33 13-1623		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	68.39	13.53
			For 24" Radius, Add	*4.28*	
			For 36" Radius, Add	*6.84*	
			For 48" Radius, Add	*9.39*	
26 05 33 13-1624		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	81.61	16.90
			For 24" Radius, Add	*5.06*	
			For 36" Radius, Add	*8.16*	
			For 48" Radius, Add	*11.26*	
26 05 33 13-1625		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	97.82	20.29
			For 24" Radius, Add	*6.07*	
			For 36" Radius, Add	*9.78*	
			For 48" Radius, Add	*13.50*	
26 05 33 13-1626		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	115.70	23.66
			For 24" Radius, Add	*7.20*	
			For 36" Radius, Add	*11.57*	
			For 48" Radius, Add	*15.94*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1627		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	135.44	28.74
			For 24" Radius, Add	*8.36*	
			For 36" Radius, Add	*13.54*	
			For 48" Radius, Add	*18.73*	
26 05 33 13-1628		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	155.18	33.81
			For 24" Radius, Add	*9.53*	
			For 36" Radius, Add	*15.52*	
			For 48" Radius, Add	*21.51*	
26 05 33 13-1629		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	193.98	42.26
			For 24" Radius, Add	*11.91*	
			For 36" Radius, Add	*19.40*	
			For 48" Radius, Add	*26.89*	
26 05 33 13-1630		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	237.19	50.72
			For 24" Radius, Add	*14.62*	
			For 36" Radius, Add	*23.72*	
			For 48" Radius, Add	*32.82*	

26 05 33 13-1631 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1591)*

26 05 33 13-1632		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	43.37	6.09
			For 24" Radius, Add	*2.87*	
			For 36" Radius, Add	*4.34*	
			For 48" Radius, Add	*5.80*	
26 05 33 13-1633		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	48.25	6.70
			For 24" Radius, Add	*3.20*	
			For 36" Radius, Add	*4.83*	
			For 48" Radius, Add	*6.45*	
26 05 33 13-1634		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	50.86	7.61
			For 24" Radius, Add	*3.34*	
			For 36" Radius, Add	*5.09*	
			For 48" Radius, Add	*6.83*	
26 05 33 13-1635		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	56.50	9.73
			For 24" Radius, Add	*3.63*	
			For 36" Radius, Add	*5.65*	
			For 48" Radius, Add	*7.67*	
26 05 33 13-1636		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	62.90	12.17
			For 24" Radius, Add	*3.96*	
			For 36" Radius, Add	*6.29*	
			For 48" Radius, Add	*8.62*	
26 05 33 13-1637		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	74.99	15.21
			For 24" Radius, Add	*4.67*	
			For 36" Radius, Add	*7.50*	
			For 48" Radius, Add	*10.32*	
26 05 33 13-1638		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	89.88	18.26
			For 24" Radius, Add	*5.60*	
			For 36" Radius, Add	*8.99*	
			For 48" Radius, Add	*12.38*	
26 05 33 13-1639		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	106.33	21.30
			For 24" Radius, Add	*6.64*	
			For 36" Radius, Add	*10.63*	
			For 48" Radius, Add	*14.62*	
26 05 33 13-1640		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	124.37	25.87
			For 24" Radius, Add	*7.71*	
			For 36" Radius, Add	*12.44*	
			For 48" Radius, Add	*17.16*	
26 05 33 13-1641		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	142.42	30.43
			For 24" Radius, Add	*8.78*	
			For 36" Radius, Add	*14.24*	
			For 48" Radius, Add	*19.70*	
26 05 33 13-1642		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	178.03	38.04
			For 24" Radius, Add	*10.97*	
			For 36" Radius, Add	*17.80*	
			For 48" Radius, Add	*24.63*	
26 05 33 13-1643		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	217.78	45.65
			For 24" Radius, Add	*13.48*	
			For 36" Radius, Add	*21.78*	
			For 48" Radius, Add	*30.08*	

26 05 33 13-1644 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1591)*

26 05 33 13-1645		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	41.54	6.09
			For 24" Radius, Add	*2.74*	
			For 36" Radius, Add	*4.15*	
			For 48" Radius, Add	*5.57*	
26 05 33 13-1646		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	46.21	6.70
			For 24" Radius, Add	*3.05*	
			For 36" Radius, Add	*4.62*	
			For 48" Radius, Add	*6.19*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1647	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	48.80	7.61
		For 24" Radius, Add	*3.18*	
		For 36" Radius, Add	*4.88*	
		For 48" Radius, Add	*6.58*	
26 05 33 13-1648	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	54.42	9.73
		For 24" Radius, Add	*3.47*	
		For 36" Radius, Add	*5.44*	
		For 48" Radius, Add	*7.41*	
26 05 33 13-1649	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	60.79	12.17
		For 24" Radius, Add	*3.80*	
		For 36" Radius, Add	*6.08*	
		For 48" Radius, Add	*8.36*	
26 05 33 13-1650	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	72.59	15.21
		For 24" Radius, Add	*4.49*	
		For 36" Radius, Add	*7.26*	
		For 48" Radius, Add	*10.02*	
26 05 33 13-1651	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	87.01	18.26
		For 24" Radius, Add	*5.38*	
		For 36" Radius, Add	*8.70*	
		For 48" Radius, Add	*12.02*	
26 05 33 13-1652	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	102.89	21.30
		For 24" Radius, Add	*6.39*	
		For 36" Radius, Add	*10.29*	
		For 48" Radius, Add	*14.19*	
26 05 33 13-1653	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	120.49	25.87
		For 24" Radius, Add	*7.42*	
		For 36" Radius, Add	*12.05*	
		For 48" Radius, Add	*16.68*	
26 05 33 13-1654	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	138.11	30.43
		For 24" Radius, Add	*8.46*	
		For 36" Radius, Add	*13.81*	
		For 48" Radius, Add	*19.17*	
26 05 33 13-1655	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	172.64	38.04
		For 24" Radius, Add	*10.57*	
		For 36" Radius, Add	*17.26*	
		For 48" Radius, Add	*23.96*	
26 05 33 13-1656	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	211.05	45.65
		For 24" Radius, Add	*12.98*	
		For 36" Radius, Add	*21.11*	
		For 48" Radius, Add	*29.23*	

26 05 33 13-1657 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-1591)*

26 05 33 13-1658	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	26.98	4.74
26 05 33 13-1659	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	30.40	5.41
26 05 33 13-1660	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	32.25	6.09
26 05 33 13-1661	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	34.09	6.76
26 05 33 13-1662	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	38.66	8.45
26 05 33 13-1663	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	46.24	10.14
26 05 33 13-1664	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	58.94	13.53
26 05 33 13-1665	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	72.41	16.90
26 05 33 13-1666	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	88.87	21.98
26 05 33 13-1667	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	105.32	27.05
26 05 33 13-1668	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	131.64	33.81
26 05 33 13-1669	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	164.54	42.26

26 05 33 13-1670 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-1591)*

26 05 33 13-1671	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	20.38	4.74
26 05 33 13-1672	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	23.02	5.41
26 05 33 13-1673	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	24.80	6.09
26 05 33 13-1674	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	26.59	6.76
26 05 33 13-1675	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	30.92	8.45
26 05 33 13-1676	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	35.21	10.14
26 05 33 13-1677	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	45.63	13.53
26 05 33 13-1678	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	56.45	16.90
26 05 33 13-1679	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	70.91	21.98
26 05 33 13-1680	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	85.36	27.05
26 05 33 13-1681	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	106.72	33.81
26 05 33 13-1682	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	133.38	42.26

26 05 33 13-1683 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-1591)*

26 05 33 13-1684	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	22.46	3.89

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1685	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	25.33	5.41
26 05 33 13-1686	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	27.14	6.09
26 05 33 13-1687	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	28.90	6.76
26 05 33 13-1688	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	33.41	8.45
26 05 33 13-1689	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	39.98	10.14
26 05 33 13-1690	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	51.34	13.53
26 05 33 13-1691	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	63.30	16.90
26 05 33 13-1692	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	78.61	21.98
26 05 33 13-1693	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	93.92	27.05
26 05 33 13-1694	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	117.38	33.81
26 05 33 13-1695	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	146.75	42.26
26 05 33 13-1696		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints** *(26 05 33 13-1591)*		
26 05 33 13-1697	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	53.96	16.90
26 05 33 13-1698	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	63.70	20.29
26 05 33 13-1699	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	72.30	23.66
26 05 33 13-1700	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	80.84	27.05
26 05 33 13-1701	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	89.59	30.43
26 05 33 13-1702	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	100.61	33.81
26 05 33 13-1703	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	116.51	38.89
26 05 33 13-1704	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	133.05	43.95
26 05 33 13-1705	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	152.86	50.72
26 05 33 13-1706	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	176.89	59.18
26 05 33 13-1707	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	205.26	67.63
26 05 33 13-1708	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	235.43	76.08
26 05 33 13-1709		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints** *(26 05 33 13-1591)*		
26 05 33 13-1710	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	58.72	16.90
26 05 33 13-1711	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	69.03	20.29
26 05 33 13-1712	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	77.66	23.66
26 05 33 13-1713	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	86.25	27.05
26 05 33 13-1714	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	95.05	30.43
26 05 33 13-1715	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	106.84	33.81
26 05 33 13-1716	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	123.99	38.89
26 05 33 13-1717	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	142.03	43.95
26 05 33 13-1718	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	162.96	50.72
26 05 33 13-1719	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	188.12	59.18
26 05 33 13-1720	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	219.33	67.63
26 05 33 13-1721	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	253.02	76.08
26 05 33 13-1722		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters** *(26 05 33 13-1591)*		
26 05 33 13-1723	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	50.97	4.74
26 05 33 13-1724	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	57.00	5.41
26 05 33 13-1725	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	60.01	6.09
26 05 33 13-1726	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	63.09	6.76
26 05 33 13-1727	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	68.04	8.45
26 05 33 13-1728	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	76.74	10.14
26 05 33 13-1729	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	95.47	13.53
26 05 33 13-1730	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	116.21	16.90
26 05 33 13-1731	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	138.15	21.98
26 05 33 13-1732	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	160.08	27.05
26 05 33 13-1733	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	200.12	33.81
26 05 33 13-1734	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	249.27	42.26
26 05 33 13-1735		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints** *(26 05 33 13-1591)*		
26 05 33 13-1736	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	66.98	16.90
26 05 33 13-1737	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	78.19	20.29
26 05 33 13-1738	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	93.11	23.66
26 05 33 13-1739	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	113.38	27.05
26 05 33 13-1740	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	138.80	30.43
26 05 33 13-1741	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	177.48	33.81
26 05 33 13-1742	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	243.48	38.89
26 05 33 13-1743	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	291.26	43.95
26 05 33 13-1744	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	349.86	50.72
26 05 33 13-1745	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	412.69	59.18
26 05 33 13-1746	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	483.55	67.63
26 05 33 13-1747	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	724.08	76.08
26 05 33 13-1748		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover** *(26 05 33 13-1591)*		
26 05 33 13-1749	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	55.69	13.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1750	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	64.13	15.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.41*	
26 05 33 13-1751	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	82.04	16.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.68*	
26 05 33 13-1752	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	99.87	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.22*	
26 05 33 13-1753	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	126.59	25.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.02*	
26 05 33 13-1754	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	169.69	30.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.82*	
26 05 33 13-1755	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	264.28	35.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.63*	
26 05 33 13-1756	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	335.47	40.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.43*	
26 05 33 13-1757	EA	3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	402.10	47.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.50*	
26 05 33 13-1758	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	468.75	54.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.58*	
26 05 33 13-1759	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	550.01	60.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.65*	
26 05 33 13-1760	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	622.50	67.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.72*	

26 05 33 13-1761 Explosion Proof Conduit Fittings *(26 05 33 13-0058)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.

26 05 33 13-1762 Explosion Proof Malleable Iron Conduit Unions *(26 05 33 13-1761)*

26 05 33 13-1763	EA	1/2" Explosion Proof Malleable Iron Conduit Union	36.39	7.59
26 05 33 13-1764	EA	3/4" Explosion Proof Malleable Iron Conduit Union	44.94	8.39
26 05 33 13-1765	EA	1" Explosion Proof Malleable Iron Conduit Union	71.46	11.19
26 05 33 13-1766	EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	94.79	12.39
26 05 33 13-1767	EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	119.31	15.18
26 05 33 13-1768	EA	2" Explosion Proof Malleable Iron Conduit Union	148.75	17.58
26 05 33 13-1769	EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	226.52	25.14
26 05 33 13-1770	EA	3" Explosion Proof Malleable Iron Conduit Union	288.06	29.93
26 05 33 13-1771	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	484.83	35.91
26 05 33 13-1772	EA	4" Explosion Proof Malleable Iron Conduit Union	513.61	45.89

26 05 33 13-1773 Explosion Proof Malleable Iron Conduit Bodies *(26 05 33 13-1761)*

26 05 33 13-1774	EA	1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	129.10	23.98
26 05 33 13-1775	EA	3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	145.51	27.17
26 05 33 13-1776	EA	1" Explosion Proof Malleable Iron Two Hub Conduit Conduit Body	170.56	29.97
26 05 33 13-1777	EA	1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	145.39	29.97
26 05 33 13-1778	EA	3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	173.20	35.96
26 05 33 13-1779	EA	1" Explosion Proof Malleable Iron Three Hub Conduit Body	205.10	41.15

26 05 33 13-1780 Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical *(26 05 33 13-1761)*

Note: Includes sealing gasket and lock nut.

26 05 33 13-1781	EA	1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	106.76	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.98*	
26 05 33 13-1782	EA	3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	108.91	22.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.78*	
26 05 33 13-1783	EA	1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	118.88	24.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.28*	
26 05 33 13-1784	EA	1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	152.93	29.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.47*	
26 05 33 13-1785	EA	1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	195.55	35.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.37*	
26 05 33 13-1786	EA	2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	251.84	39.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.97*	
26 05 33 13-1787	EA	2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	358.30	59.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.89*	
26 05 33 13-1788	EA	3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	452.93	75.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.26*	
26 05 33 13-1789	EA	3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	642.04	82.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.95*	
26 05 33 13-1790	EA	4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	830.15	89.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.34*	

26 05 33 13-1791 Explosion Proof Flexible Conduit Couplings *(26 05 33 13-1761)*

26 05 33 13-1792	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling	290.71	9.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1793	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling	380.54	10.38

26 05 33 13-1794 Conduit Installed Below Grade *(26 05 33 13-0057)*

Note: By direct burial In trench or in concrete slabs or duct banks. Excludes trenching, backfilling and concrete.

26 05 33 13-1795 Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial *(26 05 33 13-1794)*

26 05 33 13-1796 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial *(26 05 33 13-1795)*

Note: Includes field bend conduit up to 1".

26 05 33 13-1797	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	2.91	
		For Schedule 60, Add	*0.18*	
		For Schedule 80, Add	*0.33*	
26 05 33 13-1798	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	3.18	
		For Schedule 60, Add	*0.21*	
		For Schedule 80, Add	*0.38*	
26 05 33 13-1799	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	3.52	
		For Schedule 60, Add	*0.25*	
		For Schedule 80, Add	*0.44*	
26 05 33 13-1800	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	3.84	
		For Schedule 60, Add	*0.28*	
		For Schedule 80, Add	*0.50*	
26 05 33 13-1801	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.16	
		For Schedule 60, Add	*0.32*	
		For Schedule 80, Add	*0.56*	
26 05 33 13-1802	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.55	
		For Schedule 60, Add	*0.38*	
		For Schedule 80, Add	*0.64*	
26 05 33 13-1803	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.19	
		For Schedule 60, Add	*0.49*	
		For Schedule 80, Add	*0.81*	
26 05 33 13-1804	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.63	
		For Schedule 60, Add	*0.56*	
		For Schedule 80, Add	*0.91*	
26 05 33 13-1805	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.22	
		For Schedule 60, Add	*0.67*	
		For Schedule 80, Add	*1.07*	
26 05 33 13-1806	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.61	
		For Schedule 60, Add	*0.72*	
		For Schedule 80, Add	*1.15*	
26 05 33 13-1807	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	7.76	
		For Schedule 60, Add	*0.97*	
		For Schedule 80, Add	*1.50*	
26 05 33 13-1808	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	8.89	
		For Schedule 60, Add	*1.21*	
		For Schedule 80, Add	*1.84*	

26 05 33 13-1809 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial *(26 05 33 13-1795)*

See CSI section 26 05 33 13-2255 for conduit field bending.

26 05 33 13-1810	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	21.96	
		For Schedule 60, Add	*1.26*	
		For Schedule 80, Add	*2.40*	
26 05 33 13-1811	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	26.35	
		For Schedule 60, Add	*1.52*	
		For Schedule 80, Add	*2.88*	
26 05 33 13-1812	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	31.13	
		For Schedule 60, Add	*1.87*	
		For Schedule 80, Add	*3.50*	
26 05 33 13-1813	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	36.05	
		For Schedule 60, Add	*2.25*	
		For Schedule 80, Add	*4.17*	
26 05 33 13-1814	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	41.08	
		For Schedule 60, Add	*2.66*	
		For Schedule 80, Add	*4.87*	
26 05 33 13-1815	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	46.46	
		For Schedule 60, Add	*3.16*	
		For Schedule 80, Add	*5.70*	
26 05 33 13-1816	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	53.93	
		For Schedule 60, Add	*4.18*	
		For Schedule 80, Add	*7.25*	
26 05 33 13-1817	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	62.86	
		For Schedule 60, Add	*5.57*	
		For Schedule 80, Add	*9.32*	
26 05 33 13-1818	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	76.06	
		For Schedule 60, Add	*7.18*	
		For Schedule 80, Add	*11.83*	
26 05 33 13-1819	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	89.34	
		For Schedule 60, Add	*8.81*	
		For Schedule 80, Add	*14.36*	
26 05 33 13-1820	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	114.36	
		For Schedule 60, Add	*13.37*	
		For Schedule 80, Add	*21.01*	
26 05 33 13-1821	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	133.33	
		For Schedule 60, Add	*16.43*	
		For Schedule 80, Add	*25.53*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1822		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial** *(26 05 33 13-1795)*		
		See CSI section 26 05 33 13-2255 for conduit field bending.		
26 05 33 13-1823	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	21.96	
		For Schedule 60, Add	*1.26*	
		For Schedule 80, Add	*2.40*	
26 05 33 13-1824	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	26.29	
		For Schedule 60, Add	*1.50*	
		For Schedule 80, Add	*2.86*	
26 05 33 13-1825	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	31.05	
		For Schedule 60, Add	*1.85*	
		For Schedule 80, Add	*3.47*	
26 05 33 13-1826	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	35.81	
		For Schedule 60, Add	*2.19*	
		For Schedule 80, Add	*4.08*	
26 05 33 13-1827	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	40.54	
		For Schedule 60, Add	*2.53*	
		For Schedule 80, Add	*4.68*	
26 05 33 13-1828	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	46.18	
		For Schedule 60, Add	*3.09*	
		For Schedule 80, Add	*5.60*	
26 05 33 13-1829	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	53.39	
		For Schedule 60, Add	*4.05*	
		For Schedule 80, Add	*7.06*	
26 05 33 13-1830	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	62.18	
		For Schedule 60, Add	*5.40*	
		For Schedule 80, Add	*9.08*	
26 05 33 13-1831	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	74.14	
		For Schedule 60, Add	*6.70*	
		For Schedule 80, Add	*11.15*	
26 05 33 13-1832	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	87.70	
		For Schedule 60, Add	*8.40*	
		For Schedule 80, Add	*13.79*	
26 05 33 13-1833	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	112.23	
		For Schedule 60, Add	*12.84*	
		For Schedule 80, Add	*20.26*	
26 05 33 13-1834	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	126.97	
		For Schedule 60, Add	*14.84*	
		For Schedule 80, Add	*23.31*	
26 05 33 13-1835		**Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial** *(26 05 33 13-1795)*		
26 05 33 13-1836	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	12.22	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.55*	
26 05 33 13-1837	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	14.05	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.06*	
26 05 33 13-1838	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	15.92	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.56*	
26 05 33 13-1839	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	17.88	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.07*	
26 05 33 13-1840	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	19.67	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.58*	
26 05 33 13-1841	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	21.81	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.09*	
26 05 33 13-1842	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	25.62	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.85*	
26 05 33 13-1843	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	29.18	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.61*	
26 05 33 13-1844	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	34.43	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.87*	
26 05 33 13-1845	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	38.88	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.14*	
26 05 33 13-1846	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	48.27	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.41*	
26 05 33 13-1847	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	54.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.68*	
26 05 33 13-1848		**Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial** *(26 05 33 13-1795)*		
26 05 33 13-1849	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	13.25	
26 05 33 13-1850	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	15.17	
26 05 33 13-1851	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	17.10	
26 05 33 13-1852	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	21.80	
26 05 33 13-1853	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	24.10	
26 05 33 13-1854	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	26.67	
26 05 33 13-1855	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	29.91	
26 05 33 13-1856	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	33.99	
26 05 33 13-1857	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	40.14	
26 05 33 13-1858	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	44.60	
26 05 33 13-1859	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	55.15	
26 05 33 13-1860	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	61.89	
26 05 33 13-1861		**Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial** *(26 05 33 13-1795)*		
26 05 33 13-1862	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	12.16	
26 05 33 13-1863	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	14.05	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1864	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	15.84	
26 05 33 13-1865	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	17.73	
26 05 33 13-1866	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	19.54	
26 05 33 13-1867	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	21.63	
26 05 33 13-1868	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	25.26	
26 05 33 13-1869	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	28.67	
26 05 33 13-1870	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	33.78	
26 05 33 13-1871	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	38.21	
26 05 33 13-1872	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	46.96	
26 05 33 13-1873	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	53.03	

26 05 33 13-1874 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1794)*

Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).

26 05 33 13-1875 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1874)*

Note: Includes field bending for conduit up to 1".

26 05 33 13-1876	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	10.62	1.91
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000, Deduct	*-0.94*	
26 05 33 13-1877	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	11.96	2.38
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.06*	
26 05 33 13-1878	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	14.79	2.65
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-0.95*	
		For >1,000, Deduct	*-1.32*	
26 05 33 13-1879	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	17.96	3.56
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000, Deduct	*-1.61*	
26 05 33 13-1880	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	21.17	4.01
		For >250 To 500, Deduct	*-0.85*	
		For >500 To 1,000, Deduct	*-1.38*	
		For >1,000, Deduct	*-1.91*	
26 05 33 13-1881	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	26.92	4.38
		For >250 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.44*	
26 05 33 13-1882	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	39.29	6.56
		For >250 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-3.59*	
26 05 33 13-1883	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	50.54	8.21
		For >250 To 500, Deduct	*-2.07*	
		For >500 To 1,000, Deduct	*-3.33*	
		For >1,000, Deduct	*-4.60*	
26 05 33 13-1884	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	62.31	8.66
		For >250 To 500, Deduct	*-2.55*	
		For >500 To 1,000, Deduct	*-4.10*	
		For >1,000, Deduct	*-5.66*	
26 05 33 13-1885	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	73.93	9.57
		For >250 To 500, Deduct	*-3.01*	
		For >500 To 1,000, Deduct	*-4.86*	
		For >1,000, Deduct	*-6.71*	
26 05 33 13-1886	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	117.18	13.22
		For >250 To 500, Deduct	*-4.99*	
		For >500 To 1,000, Deduct	*-7.92*	
		For >1,000, Deduct	*-10.85*	
26 05 33 13-1887	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	156.87	17.33
		For >250 To 500, Deduct	*-6.75*	
		For >500 To 1,000, Deduct	*-10.67*	
		For >1,000, Deduct	*-14.59*	

26 05 33 13-1888 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial *(26 05 33 13-1874)*

26 05 33 13-1889	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	11.39	2.74
26 05 33 13-1890	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	13.50	3.65
26 05 33 13-1891	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	17.17	4.56
26 05 33 13-1892	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	19.42	5.01
26 05 33 13-1893	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	23.02	5.92
26 05 33 13-1894	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	30.02	6.83
26 05 33 13-1895	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	56.86	8.21
26 05 33 13-1896	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	71.91	11.39
26 05 33 13-1897	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	89.46	13.22
26 05 33 13-1898	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	110.15	18.24
26 05 33 13-1899	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	290.22	25.07
26 05 33 13-1900	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	296.43	14.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1901		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial *(26 05 33 13-1874)*		
		Note: 90, 45, or 30 degree.		
26 05 33 13-1902	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	43.55	11.39
26 05 33 13-1903	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	49.81	14.13
26 05 33 13-1904	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	59.35	17.33
26 05 33 13-1905	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	70.48	20.06
26 05 33 13-1906	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	82.90	22.80
26 05 33 13-1907	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	102.22	25.07
26 05 33 13-1908	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	161.00	31.46
26 05 33 13-1909	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	242.45	42.86
26 05 33 13-1910	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	302.32	48.33
26 05 33 13-1911	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	343.24	62.92
26 05 33 13-1912	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	729.07	102.59
26 05 33 13-1913	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	1,150.33	154.12
26 05 33 13-1914		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial *(26 05 33 13-1874)*		
26 05 33 13-1915	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	108.25	17.33
26 05 33 13-1916	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	121.54	20.06
26 05 33 13-1917	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	138.80	22.80
26 05 33 13-1918	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	166.71	25.07
26 05 33 13-1919	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	234.00	31.46
26 05 33 13-1920		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial *(26 05 33 13-1874)*		
26 05 33 13-1921	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	121.47	17.33
26 05 33 13-1922	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	143.39	20.06
26 05 33 13-1923	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	154.46	22.80
26 05 33 13-1924	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	200.88	25.07
26 05 33 13-1925	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	266.94	31.46
26 05 33 13-1926	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	340.15	42.86
26 05 33 13-1927		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial *(26 05 33 13-1874)*		
26 05 33 13-1928	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	137.29	17.33
26 05 33 13-1929	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	154.77	20.06
26 05 33 13-1930	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	174.56	22.80
26 05 33 13-1931	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	212.21	25.07
26 05 33 13-1932	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	304.80	31.46
26 05 33 13-1933	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	384.59	42.86
26 05 33 13-1934	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	488.45	48.33
26 05 33 13-1935	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	546.02	62.92
26 05 33 13-1936		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial *(26 05 33 13-1874)*		
26 05 33 13-1937	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	164.60	17.33
26 05 33 13-1938	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	181.48	20.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1939	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	204.90	22.80
26 05 33 13-1940	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	255.89	25.07
26 05 33 13-1941	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	372.55	31.46
26 05 33 13-1942	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	459.89	42.86
26 05 33 13-1943	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	534.43	48.33
26 05 33 13-1944	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	630.42	62.92
26 05 33 13-1945		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial *(26 05 33 13-1874)*		
26 05 33 13-1946	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	185.85	17.33
26 05 33 13-1947	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	206.35	20.06
26 05 33 13-1948	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	234.75	22.80
26 05 33 13-1949	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	293.91	25.07
26 05 33 13-1950	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	409.52	31.46
26 05 33 13-1951	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	520.12	42.86
26 05 33 13-1952	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	646.21	48.33
26 05 33 13-1953	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	707.90	62.92
26 05 33 13-1954	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	1,181.40	102.59
26 05 33 13-1955		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial *(26 05 33 13-1874)*		
26 05 33 13-1956	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	213.64	17.33
26 05 33 13-1957	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	236.39	20.06
26 05 33 13-1958	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	267.47	22.80
26 05 33 13-1959	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	336.07	25.07
26 05 33 13-1960	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	471.11	31.46
26 05 33 13-1961	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	596.86	42.86
26 05 33 13-1962	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	702.23	48.33
26 05 33 13-1963	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	807.93	62.92
26 05 33 13-1964	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,251.50	102.59
26 05 33 13-1965	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,704.24	154.12
26 05 33 13-1966		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial *(26 05 33 13-1874)*		
26 05 33 13-1967	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	252.33	17.33
26 05 33 13-1968	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	263.18	20.06
26 05 33 13-1969	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	311.27	22.80
26 05 33 13-1970	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	394.77	25.07
26 05 33 13-1971	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	554.17	31.46
26 05 33 13-1972	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	700.31	42.86
26 05 33 13-1973	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	857.95	48.33
26 05 33 13-1974	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,002.51	62.92
26 05 33 13-1975	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,480.15	102.59
26 05 33 13-1976	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,809.19	154.12
26 05 33 13-1977		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial *(26 05 33 13-1874)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1978	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	261.65	17.33
26 05 33 13-1979	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	308.48	20.06
26 05 33 13-1980	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	349.14	22.80
26 05 33 13-1981	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	412.43	25.07
26 05 33 13-1982	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	574.92	31.46
26 05 33 13-1983	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	732.12	42.86
26 05 33 13-1984	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	942.76	48.33
26 05 33 13-1985	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,046.64	62.92
26 05 33 13-1986	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,541.58	102.59
26 05 33 13-1987	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,862.52	154.12

26 05 33 13-1988 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial *(26 05 33 13-1874)*

26 05 33 13-1989	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	84.64	11.39
26 05 33 13-1990	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	91.23	14.13
26 05 33 13-1991	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	119.05	17.33
26 05 33 13-1992	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	175.97	20.06
26 05 33 13-1993	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	209.45	22.80
26 05 33 13-1994	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	268.51	25.07
26 05 33 13-1995	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	358.53	31.46
26 05 33 13-1996	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	470.47	31.46
26 05 33 13-1997	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	602.20	48.33
26 05 33 13-1998	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	774.96	62.92
26 05 33 13-1999	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,418.46	102.59
26 05 33 13-2000	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,753.23	154.12

26 05 33 13-2001 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial *(26 05 33 13-1874)*

26 05 33 13-2002	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	86.72	11.39
26 05 33 13-2003	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	99.19	14.13
26 05 33 13-2004	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	123.29	17.33
26 05 33 13-2005	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	183.76	20.06
26 05 33 13-2006	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	220.25	22.80
26 05 33 13-2007	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	291.85	25.07
26 05 33 13-2008	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	408.46	31.46
26 05 33 13-2009	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	521.23	31.46
26 05 33 13-2010	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	693.99	48.33
26 05 33 13-2011	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	866.41	62.92
26 05 33 13-2012	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	1,586.09	102.59
26 05 33 13-2013	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	2,023.90	154.12

26 05 33 13-2014 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial *(26 05 33 13-1874)*

26 05 33 13-2015	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	28.48	5.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.28*	
26 05 33 13-2016	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	31.55	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2017	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.18	8.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2018	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.25	10.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2019	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.75	11.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2020	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	31.65	5.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-2021	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.95	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2022	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.60	8.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2023	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.81	10.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2024	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.51	11.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2025	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.44	12.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-2026	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	31.82	5.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-2027	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.12	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2028	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.92	8.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2029	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.15	10.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2030	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.85	11.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2031	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.30	12.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-2032	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.09	5.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-2033	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.39	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2034	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.36	8.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2035	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.54	10.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2036	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.38	11.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2037	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.99	12.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-2038	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	80.94	15.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-2039	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	103.95	21.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-2040	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.26	5.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-2041	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.70	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2042	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.69	8.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2043	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	48.93	10.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2044	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.91	11.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2045	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.67	12.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-2046	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	83.31	15.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	

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26 05 33 13-2047	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	109.06	21.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-2048	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	130.89	24.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-2049	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	151.24	31.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-2050	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.57	5.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-2051	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.04	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2052	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.05	8.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2053	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.58	10.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2054	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.59	11.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2055	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	61.13	12.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-2056	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	92.75	15.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-2057	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	116.70	21.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-2058	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	132.52	24.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-2059	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	155.60	31.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-2060	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	230.80	43.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.99*	
26 05 33 13-2061	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	35.17	5.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-2062	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.64	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2063	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.70	8.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2064	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.77	10.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2065	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.02	11.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2066	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	62.59	12.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-2067	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	102.33	15.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-2068	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	126.86	21.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-2069	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	141.67	24.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-2070	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	171.03	31.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-2071	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	253.87	43.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.99*	
26 05 33 13-2072	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.11	5.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-2073	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.55	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2074	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.14	8.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2075	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.09	10.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2076	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.95	11.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	

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26 05 33 13-2077	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	69.73	12.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-2078	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	114.12	15.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-2079	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	140.75	21.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-2080	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	164.57	24.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-2081	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	194.20	31.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-2082	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	269.68	43.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.99*	
26 05 33 13-2083	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.09	5.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-2084	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.51	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2085	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.55	8.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2086	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.40	10.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2087	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	64.89	11.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2088	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	80.23	12.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-2089	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	126.58	15.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-2090	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	158.55	21.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-2091	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	188.63	24.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-2092	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	234.73	31.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-2093	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	301.23	43.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.99*	
26 05 33 13-2094	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.09	5.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.56*	
26 05 33 13-2095	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.63	6.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2096	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.15	8.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2097	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	62.49	10.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2098	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	73.30	11.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2099	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	88.66	12.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	
26 05 33 13-2100	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	143.20	15.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.30*	
26 05 33 13-2101	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	185.24	21.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.86*	
26 05 33 13-2102	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	203.38	24.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.50*	
26 05 33 13-2103	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	247.17	31.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.87*	
26 05 33 13-2104	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	305.74	43.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.99*	

26 05 33 13-2105 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1794)*
Note: Direct burial or encased application.

26 05 33 13-2106 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-2105)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2107	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	4.71	1.10
		For Work In Restricted Working Space, Add	*0.82*	
26 05 33 13-2108	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	5.18	1.18
		For Work In Restricted Working Space, Add	*0.89*	
26 05 33 13-2109	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	5.52	1.27
		For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2110	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	5.86	1.35
		For Work In Restricted Working Space, Add	*1.01*	
26 05 33 13-2111	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	6.29	1.44
		For Work In Restricted Working Space, Add	*1.08*	
26 05 33 13-2112	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	6.57	1.52
		For Work In Restricted Working Space, Add	*1.14*	
26 05 33 13-2113	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	7.32	1.60
		For Work In Restricted Working Space, Add	*1.21*	
26 05 33 13-2114	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	8.19	1.69
		For Work In Restricted Working Space, Add	*1.27*	
26 05 33 13-2115	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	8.90	1.77
		For Work In Restricted Working Space, Add	*1.33*	
26 05 33 13-2116	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	9.60	1.86
		For Work In Restricted Working Space, Add	*1.40*	
26 05 33 13-2117	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.05	1.94
		For Work In Restricted Working Space, Add	*1.46*	
26 05 33 13-2118	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	12.81	2.03
		For Work In Restricted Working Space, Add	*1.52*	

26 05 33 13-2119 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-2105)*

26 05 33 13-2120	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	57.70	8.45
		For Work In Restricted Working Space, Add	*6.34*	
		For 24" Radius, Add	*3.80*	
		For 36" Radius, Add	*5.77*	
		For 48" Radius, Add	*7.74*	
26 05 33 13-2121	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	66.30	10.14
		For Work In Restricted Working Space, Add	*7.61*	
		For 24" Radius, Add	*4.34*	
		For 36" Radius, Add	*6.63*	
		For 48" Radius, Add	*8.92*	
26 05 33 13-2122	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	70.94	11.84
		For Work In Restricted Working Space, Add	*8.87*	
		For 24" Radius, Add	*4.58*	
		For 36" Radius, Add	*7.09*	
		For 48" Radius, Add	*9.61*	
26 05 33 13-2123	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	75.57	13.53
		For Work In Restricted Working Space, Add	*10.14*	
		For 24" Radius, Add	*4.82*	
		For 36" Radius, Add	*7.56*	
		For 48" Radius, Add	*10.29*	
26 05 33 13-2124	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	80.21	15.21
		For Work In Restricted Working Space, Add	*11.41*	
		For 24" Radius, Add	*5.06*	
		For 36" Radius, Add	*8.02*	
		For 48" Radius, Add	*10.98*	
26 05 33 13-2125	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	90.25	16.90
		For Work In Restricted Working Space, Add	*12.68*	
		For 24" Radius, Add	*5.71*	
		For 36" Radius, Add	*9.03*	
		For 48" Radius, Add	*12.34*	
26 05 33 13-2126	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	103.94	18.60
		For Work In Restricted Working Space, Add	*13.95*	
		For 24" Radius, Add	*6.63*	
		For 36" Radius, Add	*10.39*	
		For 48" Radius, Add	*14.16*	
26 05 33 13-2127	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	119.65	20.29
		For Work In Restricted Working Space, Add	*15.22*	
		For 24" Radius, Add	*7.71*	
		For 36" Radius, Add	*11.97*	
		For 48" Radius, Add	*16.22*	
26 05 33 13-2128	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	136.72	23.66
		For Work In Restricted Working Space, Add	*17.75*	
		For 24" Radius, Add	*8.77*	
		For 36" Radius, Add	*13.67*	
		For 48" Radius, Add	*18.57*	
26 05 33 13-2129	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	153.79	30.43
		For Work In Restricted Working Space, Add	*20.29*	
		For 24" Radius, Add	*9.84*	
		For 36" Radius, Add	*15.38*	
		For 48" Radius, Add	*20.91*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2130		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	183.78	30.43
			For Work In Restricted Working Space, Add	*22.82*	
			For 24" Radius, Add	*11.88*	
			For 36" Radius, Add	*18.38*	
			For 48" Radius, Add	*24.87*	
26 05 33 13-2131		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	219.15	33.81
			For Work In Restricted Working Space, Add	*25.36*	
			For 24" Radius, Add	*14.32*	
			For 36" Radius, Add	*21.92*	
			For 48" Radius, Add	*29.51*	

26 05 33 13-2132 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-2105)*

26 05 33 13-2133		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	26.98	4.74
			For Work In Restricted Working Space, Add	*3.55*	
26 05 33 13-2134		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	30.40	5.41
			For Work In Restricted Working Space, Add	*4.06*	
26 05 33 13-2135		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	32.25	6.09
			For Work In Restricted Working Space, Add	*4.56*	
26 05 33 13-2136		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	34.09	6.76
			For Work In Restricted Working Space, Add	*5.07*	
26 05 33 13-2137		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	36.13	7.44
			For Work In Restricted Working Space, Add	*5.58*	
26 05 33 13-2138		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	41.17	8.11
			For Work In Restricted Working Space, Add	*6.09*	
26 05 33 13-2139		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	47.95	9.13
			For Work In Restricted Working Space, Add	*6.85*	
26 05 33 13-2140		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	55.51	10.14
			For Work In Restricted Working Space, Add	*7.61*	
26 05 33 13-2141		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	63.50	11.84
			For Work In Restricted Working Space, Add	*8.87*	
26 05 33 13-2142		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	71.50	13.53
			For Work In Restricted Working Space, Add	*10.14*	
26 05 33 13-2143		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	85.15	15.21
			For Work In Restricted Working Space, Add	*11.41*	
26 05 33 13-2144		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	101.13	16.90
			For Work In Restricted Working Space, Add	*12.68*	

26 05 33 13-2145 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-2105)*

26 05 33 13-2146		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	20.38	4.74
			For Work In Restricted Working Space, Add	*3.55*	
26 05 33 13-2147		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	23.02	5.41
			For Work In Restricted Working Space, Add	*4.06*	
26 05 33 13-2148		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	24.80	6.09
			For Work In Restricted Working Space, Add	*4.56*	
26 05 33 13-2149		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	26.59	6.76
			For Work In Restricted Working Space, Add	*5.07*	
26 05 33 13-2150		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	28.39	7.44
			For Work In Restricted Working Space, Add	*5.58*	
26 05 33 13-2151		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	30.14	8.11
			For Work In Restricted Working Space, Add	*6.09*	
26 05 33 13-2152		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	34.64	9.13
			For Work In Restricted Working Space, Add	*6.85*	
26 05 33 13-2153		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	39.55	10.14
			For Work In Restricted Working Space, Add	*7.61*	
26 05 33 13-2154		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	45.54	11.84
			For Work In Restricted Working Space, Add	*8.87*	
26 05 33 13-2155		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	51.54	13.53
			For Work In Restricted Working Space, Add	*10.14*	
26 05 33 13-2156		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	60.23	15.21
			For Work In Restricted Working Space, Add	*11.41*	
26 05 33 13-2157		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	69.97	16.90
			For Work In Restricted Working Space, Add	*12.68*	

26 05 33 13-2158 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-2105)*

26 05 33 13-2159		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	17.38	2.70
			For Work In Restricted Working Space, Add	*2.03*	
26 05 33 13-2160		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	19.41	3.04
			For Work In Restricted Working Space, Add	*2.28*	
26 05 33 13-2161		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	20.38	3.38
			For Work In Restricted Working Space, Add	*2.54*	
26 05 33 13-2162		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	21.29	3.72
			For Work In Restricted Working Space, Add	*2.79*	
26 05 33 13-2163		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	22.42	4.06
			For Work In Restricted Working Space, Add	*3.04*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2164		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	26.46	4.74
			For Work In Restricted Working Space, Add	*3.55*	
26 05 33 13-2165		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	31.90	5.75
			For Work In Restricted Working Space, Add	*4.31*	
26 05 33 13-2166		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	37.94	6.76
			For Work In Restricted Working Space, Add	*5.07*	
26 05 33 13-2167		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	44.79	8.45
			For Work In Restricted Working Space, Add	*6.34*	
26 05 33 13-2168		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	51.65	10.14
			For Work In Restricted Working Space, Add	*7.61*	
26 05 33 13-2169		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	62.43	11.84
			For Work In Restricted Working Space, Add	*8.87*	
26 05 33 13-2170		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	74.89	13.53
			For Work In Restricted Working Space, Add	*10.14*	

26 05 33 13-2171 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-2105)*

26 05 33 13-2172		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	53.96	16.90
			For Work In Restricted Working Space, Add	*12.68*	
26 05 33 13-2173		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	63.70	20.29
			For Work In Restricted Working Space, Add	*15.22*	
26 05 33 13-2174		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	72.30	23.66
			For Work In Restricted Working Space, Add	*17.75*	
26 05 33 13-2175		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	80.84	27.05
			For Work In Restricted Working Space, Add	*20.29*	
26 05 33 13-2176		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	85.37	28.74
			For Work In Restricted Working Space, Add	*21.56*	
26 05 33 13-2177		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	92.16	30.43
			For Work In Restricted Working Space, Add	*22.82*	
26 05 33 13-2178		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	99.61	32.13
			For Work In Restricted Working Space, Add	*24.09*	
26 05 33 13-2179		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	107.69	33.81
			For Work In Restricted Working Space, Add	*25.36*	
26 05 33 13-2180		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	114.82	35.50
			For Work In Restricted Working Space, Add	*26.63*	
26 05 33 13-2181		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	121.94	37.19
			For Work In Restricted Working Space, Add	*27.90*	
26 05 33 13-2182		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	133.40	38.89
			For Work In Restricted Working Space, Add	*29.16*	
26 05 33 13-2183		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	146.67	40.58
			For Work In Restricted Working Space, Add	*30.43*	

26 05 33 13-2184 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints *(26 05 33 13-2105)*

26 05 33 13-2185		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	58.72	16.90
			For Work In Restricted Working Space, Add	*12.68*	
26 05 33 13-2186		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	69.03	20.29
			For Work In Restricted Working Space, Add	*15.22*	
26 05 33 13-2187		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	77.66	23.66
			For Work In Restricted Working Space, Add	*17.75*	
26 05 33 13-2188		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	86.25	27.05
			For Work In Restricted Working Space, Add	*20.29*	
26 05 33 13-2189		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	90.83	28.74
			For Work In Restricted Working Space, Add	*21.56*	
26 05 33 13-2190		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	98.39	30.43
			For Work In Restricted Working Space, Add	*22.82*	
26 05 33 13-2191		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	107.09	32.13
			For Work In Restricted Working Space, Add	*24.09*	
26 05 33 13-2192		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	116.67	33.81
			For Work In Restricted Working Space, Add	*25.36*	
26 05 33 13-2193		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	124.92	35.50
			For Work In Restricted Working Space, Add	*26.63*	
26 05 33 13-2194		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	133.17	37.19
			For Work In Restricted Working Space, Add	*27.90*	
26 05 33 13-2195		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	147.47	38.89
			For Work In Restricted Working Space, Add	*29.16*	
26 05 33 13-2196		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	164.26	40.58
			For Work In Restricted Working Space, Add	*30.43*	

26 05 33 13-2197 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters *(26 05 33 13-2105)*

26 05 33 13-2198		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	50.97	4.74
			For Work In Restricted Working Space, Add	*3.55*	
26 05 33 13-2199		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	57.00	5.41
			For Work In Restricted Working Space, Add	*4.06*	
26 05 33 13-2200		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	60.01	6.09
			For Work In Restricted Working Space, Add	*4.56*	
26 05 33 13-2201		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	63.09	6.76
			For Work In Restricted Working Space, Add	*5.07*	
26 05 33 13-2202		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	65.51	7.44
			For Work In Restricted Working Space, Add	*5.58*	
26 05 33 13-2203		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	71.67	8.11
			For Work In Restricted Working Space, Add	*6.09*	
26 05 33 13-2204		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	84.48	9.13
			For Work In Restricted Working Space, Add	*6.85*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2205		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	99.31	10.14
			For Work In Restricted Working Space, Add	*7.61*	
26 05 33 13-2206		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	112.78	11.84
			For Work In Restricted Working Space, Add	*8.87*	
26 05 33 13-2207		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	126.26	13.53
			For Work In Restricted Working Space, Add	*10.14*	
26 05 33 13-2208		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	153.63	15.21
			For Work In Restricted Working Space, Add	*11.41*	
26 05 33 13-2209		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	185.86	16.90
			For Work In Restricted Working Space, Add	*12.68*	

26 05 33 13-2210 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints *(26 05 33 13-2105)*

26 05 33 13-2211		EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	66.98	16.90
			For Work In Restricted Working Space, Add	*12.68*	
26 05 33 13-2212		EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	78.19	20.29
			For Work In Restricted Working Space, Add	*15.22*	
26 05 33 13-2213		EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	93.11	23.66
			For Work In Restricted Working Space, Add	*17.75*	
26 05 33 13-2214		EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	113.38	27.05
			For Work In Restricted Working Space, Add	*20.29*	
26 05 33 13-2215		EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	134.58	28.74
			For Work In Restricted Working Space, Add	*21.56*	
26 05 33 13-2216		EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	169.03	30.43
			For Work In Restricted Working Space, Add	*22.82*	
26 05 33 13-2217		EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	226.58	32.13
			For Work In Restricted Working Space, Add	*24.09*	
26 05 33 13-2218		EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	265.90	33.81
			For Work In Restricted Working Space, Add	*25.36*	
26 05 33 13-2219		EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	311.82	35.50
			For Work In Restricted Working Space, Add	*26.63*	
26 05 33 13-2220		EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	357.74	37.19
			For Work In Restricted Working Space, Add	*27.90*	
26 05 33 13-2221		EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	411.69	38.89
			For Work In Restricted Working Space, Add	*29.16*	
26 05 33 13-2222		EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	635.32	40.58
			For Work In Restricted Working Space, Add	*30.43*	

26 05 33 13-2223 Spacers *(26 05 33 13-1794)*

Note: For concrete encasement applications. See CSI section 03 31 13 00-0045 for concrete., 26 05 33 13-1794 for conduit.

26 05 33 13-2224		EA	1" Base Spacers, Average 4" Wide, Direct Burial	8.77
26 05 33 13-2225		EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	9.44
26 05 33 13-2226		EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial	10.45
26 05 33 13-2227		EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	11.28
26 05 33 13-2228		EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial	10.53
26 05 33 13-2229		EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	11.33
26 05 33 13-2230		EA	2" Base Spacer, Average 4" Wide, Direct Burial	13.13
26 05 33 13-2231		EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	12.18
26 05 33 13-2232		EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial	14.51
26 05 33 13-2233		EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	14.03
26 05 33 13-2234		EA	3" Base Spacer, Average 4" Wide, Direct Burial	16.63
26 05 33 13-2235		EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	15.86
26 05 33 13-2236		EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial	18.02
26 05 33 13-2237		EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	17.22
26 05 33 13-2238		EA	4" Base Spacer, Average 4" Wide, Direct Burial	18.56
26 05 33 13-2239		EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	17.70
26 05 33 13-2240		EA	5" Base Spacer, Average 4" Wide, Direct Burial	20.51
26 05 33 13-2241		EA	5" Intermediate Spacers, Average 4" Wide, Direct Burial	19.51
26 05 33 13-2242		EA	6" Base Spacer, Average 4" Wide, Direct Burial	23.00
26 05 33 13-2243		EA	6" Intermediate Spacers, Average 4" Wide, Direct Burial	22.16

26 05 33 13-2244 Conduit Field Bending *(26 05 33 13-0057)*

26 05 33 13-2245 Metallic Conduit Field Bending *(26 05 33 13-2244)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), Intermediate Metal Conduit (IMC) and aluminum conduits.

26 05 33 13-2246		EA	1-1/4" Metallic Conduit Field Bending	15.34
26 05 33 13-2247		EA	1-1/2" Metallic Conduit Field Bending	20.45
26 05 33 13-2248		EA	2" Metallic Conduit Field Bending	25.57
26 05 33 13-2249		EA	2-1/2" Metallic Conduit Field Bending	35.80
26 05 33 13-2250		EA	3" Metallic Conduit Field Bending	46.02
26 05 33 13-2251		EA	3-1/2" Metallic Conduit Field Bending	56.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2252	EA	4" Metallic Conduit Field Bending	66.48	
26 05 33 13-2253	EA	5" Metallic Conduit Field Bending	81.81	
26 05 33 13-2254	EA	6" Metallic Conduit Field Bending	97.16	

26 05 33 13-2255 Plastic Conduit Field Bending *(26 05 33 13-2244)*

Note: For PVC conduits.

26 05 33 13-2256	EA	1" Plastic Conduit Field Bending	23.53	
26 05 33 13-2257	EA	1-1/4" Plastic Conduit Field Bending	25.57	
26 05 33 13-2258	EA	1-1/2" Plastic Conduit Field Bending	30.68	
26 05 33 13-2259	EA	2" Plastic Conduit Field Bending	40.91	
26 05 33 13-2260	EA	2-1/2" Plastic Conduit Field Bending	51.13	
26 05 33 13-2261	EA	3" Plastic Conduit Field Bending	61.36	
26 05 33 13-2262	EA	3-1/2" Plastic Conduit Field Bending	71.59	
26 05 33 13-2263	EA	4" Plastic Conduit Field Bending	81.81	
26 05 33 13-2264	EA	5" Plastic Conduit Field Bending	92.04	
26 05 33 13-2265	EA	6" Plastic Conduit Field Bending	102.27	

26 05 33 13-2266 Cut And Thread Existing In-Place Threaded Conduit *(26 05 33 13-0057)*

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-2267	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit	29.97	
		For Work In Restricted Working Space, Add	*8.99*	
26 05 33 13-2268	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit	32.97	
		For Work In Restricted Working Space, Add	*9.89*	
26 05 33 13-2269	EA	1", Cut And Thread Existing In-Place Threaded Conduit	35.96	
		For Work In Restricted Working Space, Add	*10.79*	
26 05 33 13-2270	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit	38.96	
		For Work In Restricted Working Space, Add	*11.69*	
26 05 33 13-2271	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit	40.95	
		For Work In Restricted Working Space, Add	*12.29*	
26 05 33 13-2272	EA	2", Cut And Thread Existing In-Place Threaded Conduit	42.95	
		For Work In Restricted Working Space, Add	*12.89*	
26 05 33 13-2273	EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit	44.95	
		For Work In Restricted Working Space, Add	*13.49*	
26 05 33 13-2274	EA	3", Cut And Thread Existing In-Place Threaded Conduit	46.95	
		For Work In Restricted Working Space, Add	*14.09*	
26 05 33 13-2275	EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit	47.94	
		For Work In Restricted Working Space, Add	*14.38*	
26 05 33 13-2276	EA	4", Cut And Thread Existing In-Place Threaded Conduit	48.95	
		For Work In Restricted Working Space, Add	*14.69*	
26 05 33 13-2277	EA	5", Cut And Thread Existing In-Place Threaded Conduit	50.94	
		For Work In Restricted Working Space, Add	*15.28*	
26 05 33 13-2278	EA	6", Cut And Thread Existing In-Place Threaded Conduit	52.94	
		For Work In Restricted Working Space, Add	*15.88*	

26 05 33 13-2279 Flexible Conduit *(26 05 33 13-0057)*

26 05 33 13-2280 Flexible Liquid Tight Metallic Conduit And Connectors *(26 05 33 13-2279)*

Note: Steel inner core with PVC cover.

26 05 33 13-2281 Flexible Liquid Tight Metallic Conduit *(26 05 33 13-2280)*

26 05 33 13-2282	LF	3/8" Flexible Liquid Tight Metallic Conduit	3.72	1.09
		For Work In Restricted Working Space, Add	*0.82*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.41*	
26 05 33 13-2283	LF	1/2" Flexible Liquid Tight Metallic Conduit	3.86	1.09
		For Work In Restricted Working Space, Add	*0.82*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.41*	
26 05 33 13-2284	LF	3/4" Flexible Liquid Tight Metallic Conduit	5.18	1.46
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.55*	
26 05 33 13-2285	LF	1" Flexible Liquid Tight Metallic Conduit	5.95	1.46
		For Work In Restricted Working Space, Add	*1.10*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.55*	
26 05 33 13-2286	LF	1-1/4" Flexible Liquid Tight Metallic Conduit	7.70	1.82
		For Work In Restricted Working Space, Add	*1.37*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.68*	
26 05 33 13-2287	LF	1-1/2" Flexible Liquid Tight Metallic Conduit	9.88	2.18
		For Work In Restricted Working Space, Add	*1.64*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.82*	
26 05 33 13-2288	LF	2" Flexible Liquid Tight Metallic Conduit	13.00	2.92
		For Work In Restricted Working Space, Add	*2.19*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.10*	
26 05 33 13-2289	LF	2-1/2" Flexible Liquid Tight Metallic Conduit	17.63	3.29
		For Work In Restricted Working Space, Add	*2.46*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.23*	
26 05 33 13-2290	LF	3" Flexible Liquid Tight Metallic Conduit	25.87	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.50*	
26 05 33 13-2291	LF	4" Flexible Liquid Tight Metallic Conduit	35.38	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.92*	

26 05 33 13-2292 Straight Liquid Tight Connector *(26 05 33 13-2280)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2293	EA	3/8" Straight Liquid Tight Connector	10.09	2.92
		For Work In Restricted Working Space, Add	*2.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.19*	
26 05 33 13-2294	EA	1/2" Straight Liquid Tight Connector	10.09	2.92
		For Work In Restricted Working Space, Add	*2.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.19*	
26 05 33 13-2295	EA	3/4" Straight Liquid Tight Connector	12.21	3.29
		For Work In Restricted Working Space, Add	*2.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.46*	
26 05 33 13-2296	EA	1" Straight Liquid Tight Connector	16.26	3.65
		For Work In Restricted Working Space, Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.74*	
26 05 33 13-2297	EA	1-1/4" Straight Liquid Tight Connector	20.83	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-2298	EA	1-1/2" Straight Liquid Tight Connector	26.35	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.28*	
26 05 33 13-2299	EA	2" Straight Liquid Tight Connector	36.24	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.83*	
26 05 33 13-2300	EA	2-1/2" Straight Liquid Tight Connector	122.97	6.56
		For Work In Restricted Working Space, Add	*4.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-2301	EA	3" Straight Liquid Tight Connector	158.44	6.93
		For Work In Restricted Working Space, Add	*5.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2302	EA	4" Straight Liquid Tight Connector	194.05	10.21
		For Work In Restricted Working Space, Add	*7.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.66*	

26 05 33 13-2303 90 Degree Angle Liquid Tight Connector *(26 05 33 13-2280)*

26 05 33 13-2304	EA	3/8" 90 Degree Angle Liquid Tight Connector	14.70	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-2305	EA	1/2" 90 Degree Angle Liquid Tight Connector	15.30	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-2306	EA	3/4" 90 Degree Angle Liquid Tight Connector	17.28	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.28*	
26 05 33 13-2307	EA	1" 90 Degree Angle Liquid Tight Connector	24.29	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.83*	
26 05 33 13-2308	EA	1-1/4" 90 Degree Angle Liquid Tight Connector	30.53	5.47
		For Work In Restricted Working Space, Add	*4.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2309	EA	1-1/2" 90 Degree Angle Liquid Tight Connector	36.97	5.83
		For Work In Restricted Working Space, Add	*4.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.38*	
26 05 33 13-2310	EA	2" 90 Degree Angle Liquid Tight Connector	48.82	6.56
		For Work In Restricted Working Space, Add	*4.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-2311	EA	2-1/2" 90 Degree Angle Liquid Tight Connector	171.63	6.93
		For Work In Restricted Working Space, Add	*5.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2312	EA	3" 90 Degree Angle Liquid Tight Connector	202.78	8.03
		For Work In Restricted Working Space, Add	*6.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.02*	
26 05 33 13-2313	EA	4" 90 Degree Angle Liquid Tight Connector	280.64	12.77
		For Work In Restricted Working Space, Add	*9.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.58*	

26 05 33 13-2314 45 Degree Angle Connector *(26 05 33 13-2280)*

26 05 33 13-2315	EA	3/8" 45 Degree Angle Liquid Tight Connector	14.49	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-2316	EA	1/2" 45 Degree Angle Liquid Tight Connector	14.64	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-2317	EA	3/4" 45 Degree Angle Liquid Tight Connector	17.28	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.28*	
26 05 33 13-2318	EA	1" 45 Degree Angle Liquid Tight Connector	25.93	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.83*	
26 05 33 13-2319	EA	1-1/4" 45 Degree Angle Liquid Tight Connector	29.46	5.47
		For Work In Restricted Working Space, Add	*4.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2320	EA	1-1/2" 45 Degree Angle Liquid Tight Connector	32.99	5.83
		For Work In Restricted Working Space, Add	*4.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.38*	

26 05 33 13-2321 Flexible Metallic Conduit And Connectors *(26 05 33 13-2279)*

26 05 33 13-2322 Flexible Steel Conduit *(26 05 33 13-2321)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2323	LF	3/8" Flexible Metallic Conduit	3.38	1.19
		For Work In Restricted Working Space, Add	*0.88*	
		For Installation In Metal Stud Wall, Add	*0.29*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.73*	
		For Flexible Aluminum Conduit, Add	*0.07*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.44*	
26 05 33 13-2324	LF	1/2" Flexible Metallic Conduit	3.49	1.19
		For Work In Restricted Working Space, Add	*0.90*	
		For Installation In Metal Stud Wall, Add	*0.30*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.75*	
		For Flexible Aluminum Conduit, Add	*0.08*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.45*	
26 05 33 13-2325	LF	3/4" Flexible Metallic Conduit	3.92	1.59
		For Work In Restricted Working Space, Add	*0.98*	
		For Installation In Metal Stud Wall, Add	*0.33*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.81*	
		For Flexible Aluminum Conduit, Add	*0.11*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.49*	
26 05 33 13-2326	LF	1" Flexible Metallic Conduit	4.75	1.59
		For Work In Restricted Working Space, Add	*1.05*	
		For Installation In Metal Stud Wall, Add	*0.35*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.87*	
		For Flexible Aluminum Conduit, Add	*0.21*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.52*	
26 05 33 13-2327	LF	1-1/4" Flexible Metallic Conduit	5.33	1.99
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation In Metal Stud Wall, Add	*0.37*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.92*	
		For Flexible Aluminum Conduit, Add	*0.27*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.55*	
26 05 33 13-2328	LF	1-1/2" Flexible Metallic Conduit	6.72	2.39
		For Work In Restricted Working Space, Add	*1.15*	
		For Installation In Metal Stud Wall, Add	*0.38*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.96*	
		For Flexible Aluminum Conduit, Add	*0.48*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.58*	
26 05 33 13-2329	LF	2" Flexible Metallic Conduit	7.52	3.20
		For Work In Restricted Working Space, Add	*1.20*	
		For Installation In Metal Stud Wall, Add	*0.40*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.00*	
		For Flexible Aluminum Conduit, Add	*0.58*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.60*	
26 05 33 13-2330	LF	2-1/2" Flexible Steel Conduit	9.26	3.59
		For Work In Restricted Working Space, Add	*1.50*	
		For Installation In Metal Stud Wall, Add	*0.50*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.25*	
		For Flexible Aluminum Conduit, Add	*0.70*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.75*	
26 05 33 13-2331	LF	3" Flexible Metallic Conduit	13.40	4.39
		For Work In Restricted Working Space, Add	*1.79*	
		For Installation In Metal Stud Wall, Add	*0.60*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.50*	
		For Flexible Aluminum Conduit, Add	*1.22*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.90*	
26 05 33 13-2332	LF	3-1/2" Flexible Metallic Conduit	16.33	4.79
		For Work In Restricted Working Space, Add	*2.09*	
		For Installation In Metal Stud Wall, Add	*0.70*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.75*	
		For Flexible Aluminum Conduit, Add	*1.54*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.05*	
26 05 33 13-2333	LF	4" Flexible Metallic Conduit	18.77	5.59
		For Work In Restricted Working Space, Add	*2.39*	
		For Installation In Metal Stud Wall, Add	*0.80*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.00*	
		For Flexible Aluminum Conduit, Add	*1.78*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.20*	

26 05 33 13-2334 Plain Squeeze Type Straight Connector *(26 05 33 13-2321)*

26 05 33 13-2335	EA	3/8" Flexible Straight Connectors, Plain	5.63	3.20
		For Work In Restricted Working Space, Add	*1.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.35*	
26 05 33 13-2336	EA	1/2" Flexible Straight Connectors, Plain	6.80	3.59
		For Work In Restricted Working Space, Add	*1.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.50*	
26 05 33 13-2337	EA	3/4" Flexible Straight Connectors, Plain	7.88	4.39
		For Work In Restricted Working Space, Add	*1.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.79*	
26 05 33 13-2338	EA	1" Flexible Straight Connectors, Plain	12.16	4.79
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	
26 05 33 13-2339	EA	1-1/4" Flexible Straight Connectors, Plain	16.82	5.59
		For Work In Restricted Working Space, Add	*2.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-2340	EA	1-1/2" Flexible Straight Connectors, Plain	21.97	6.78
		For Work In Restricted Working Space, Add	*3.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.74*	
26 05 33 13-2341	EA	2" Flexible Straight Connectors, Plain	28.47	6.78
		For Work In Restricted Working Space, Add	*4.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2342	EA	2-1/2" Flexible Straight Connectors, Plain	43.99	8.38
		For Work In Restricted Working Space, Add	*5.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.24*	
26 05 33 13-2343	EA	3" Flexible Straight Connectors, Plain	56.74	9.18
		For Work In Restricted Working Space, Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2344	EA	3-1/2" Flexible Straight Connectors, Plain	164.73	10.77
		For Work In Restricted Working Space, Add	*6.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.73*	
26 05 33 13-2345	EA	4" Flexible Straight Connectors, Plain	204.95	13.16
		For Work In Restricted Working Space, Add	*7.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	

26 05 33 13-2346 Insulated Throat Squeeze Type Straight Connector *(26 05 33 13-2321)*

26 05 33 13-2347	EA	1/2" Flexible Straight Connectors, Insulated	7.42	3.59
		For Work In Restricted Working Space, Add	*1.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.50*	
26 05 33 13-2348	EA	3/4" Flexible Straight Connectors, Insulated	8.70	4.39
		For Work In Restricted Working Space, Add	*1.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.79*	
26 05 33 13-2349	EA	1" Flexible Straight Connectors, Insulated	13.27	4.79
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	
26 05 33 13-2350	EA	1-1/4" Flexible Straight Connectors, Insulated	18.86	5.59
		For Work In Restricted Working Space, Add	*2.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-2351	EA	1-1/2" Flexible Straight Connectors, Insulated	25.60	5.98
		For Work In Restricted Working Space, Add	*3.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.74*	
26 05 33 13-2352	EA	2" Flexible Straight Connectors, Insulated	34.88	6.78
		For Work In Restricted Working Space, Add	*4.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 33 13-2353	EA	2-1/2" Flexible Straight Connectors, Insulated	57.71	8.38
		For Work In Restricted Working Space, Add	*5.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.24*	
26 05 33 13-2354	EA	3" Flexible Straight Connectors, Insulated	72.92	9.18
		For Work In Restricted Working Space, Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2355	EA	3-1/2" Flexible Straight Connectors, Insulated	189.66	10.77
		For Work In Restricted Working Space, Add	*6.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.73*	
26 05 33 13-2356	EA	4" Flexible Straight Connectors, Insulated	242.44	13.16
		For Work In Restricted Working Space, Add	*7.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	

26 05 33 13-2357 Plain Squeeze Type 90 Degree Connector *(26 05 33 13-2321)*

26 05 33 13-2358	EA	3/8" Flexible 90 Degree Connector, Plain	7.80	3.99
		For Work In Restricted Working Space, Add	*1.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.79*	
26 05 33 13-2359	EA	1/2" Flexible 90 Degree Connector, Plain	10.03	4.39
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2360	EA	3/4" Flexible 90 Degree Connector, Plain	12.76	4.79
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	
26 05 33 13-2361	EA	1" Flexible 90 Degree Connector, Plain	17.52	5.59
		For Work In Restricted Working Space, Add	*2.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-2362	EA	1-1/4" Flexible 90 Degree Connector, Plain	26.29	5.98
		For Work In Restricted Working Space, Add	*3.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 33 13-2363	EA	1-1/2" Flexible 90 Degree Connector, Plain	39.98	6.98
		For Work In Restricted Working Space, Add	*4.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 33 13-2364	EA	2" Flexible 90 Degree Connector, Plain	47.91	8.58
		For Work In Restricted Working Space, Add	*5.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.09*	
26 05 33 13-2365	EA	2-1/2" Flexible 90 Degree Connector, Plain	100.61	9.18
		For Work In Restricted Working Space, Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2366	EA	3" Flexible 90 Degree Connector, Plain	128.33	10.77
		For Work In Restricted Working Space, Add	*6.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.73*	
26 05 33 13-2367	EA	3-1/2" Flexible 90 Degree Connector, Plain	265.75	13.16
		For Work In Restricted Working Space, Add	*7.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 33 13-2368	EA	4" Flexible 90 Degree Connector, Plain	470.59	14.96
		For Work In Restricted Working Space, Add	*8.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	

26 05 33 13-2369 Insulated Throat Squeeze Type 90 Degree Connector *(26 05 33 13-2321)*

26 05 33 13-2370	EA	1/2" Flexible 90 Degree Connector, Insulated	10.90	4.39
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2371	EA	3/4" Flexible 90 Degree Connector, Insulated	13.82	4.79
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	
26 05 33 13-2372	EA	1" Flexible 90 Degree Connector, Insulated	17.52	5.59
		For Work In Restricted Working Space, Add	*2.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-2373	EA	1-1/4" Flexible 90 Degree Connector, Insulated	30.07	5.98
		For Work In Restricted Working Space, Add	*3.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 33 13-2374	EA	1-1/2" Flexible 90 Degree Connector, Insulated	46.86	6.98
		For Work In Restricted Working Space, Add	*4.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 33 13-2375	EA	2" Flexible 90 Degree Connector, Insulated	59.08	8.58
		For Work In Restricted Working Space, Add	*5.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.09*	
26 05 33 13-2376	EA	2-1/2" Flexible 90 Degree Connector, Insulated	135.54	9.18
		For Work In Restricted Working Space, Add	*5.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 05 33 13-2377	EA	3" Flexible 90 Degree Connector, Insulated	166.18	10.77
		For Work In Restricted Working Space, Add	*6.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.73*	
26 05 33 13-2378	EA	3-1/2" Flexible 90 Degree Connector, Insulated	437.29	13.16
		For Work In Restricted Working Space, Add	*7.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 33 13-2379	EA	4" Flexible 90 Degree Connector, Insulated	650.25	14.96
		For Work In Restricted Working Space, Add	*8.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	

26 05 33 13-2380 Plain Squeeze Type 45 Degree Connector *(26 05 33 13-2321)*

26 05 33 13-2381	EA	3/8" Flexible 45 Degree Connector, Plain	8.50	3.99
		For Work In Restricted Working Space, Add	*1.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.79*	
26 05 33 13-2382	EA	1/2" Flexible 45 Degree Connector, Plain	11.15	4.39
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2383	EA	3/4" Flexible 45 Degree Connector, Plain	14.00	4.79
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	

26 05 33 13-2384 Insulated Squeeze Type 45 Degree Connector *(26 05 33 13-2321)*

26 05 33 13-2385	EA	3/8" Flexible 45 Degree Connector, Insulated	8.98	4.79
		For Work In Restricted Working Space, Add	*1.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.79*	
26 05 33 13-2386	EA	1/2" Flexible 45 Degree Connector, Insulated	11.94	4.39
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2387	EA	3/4" Flexible 45 Degree Connector, Insulated	15.12	4.79
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	

26 05 33 13-2388 Plain Screw-In Connector *(26 05 33 13-2321)*

26 05 33 13-2389	EA	3/8" Flexible Steel Screw-in Connector, Plain	4.91	3.20
		For Work In Restricted Working Space, Add	*1.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.35*	
26 05 33 13-2390	EA	1/2" Flexible Steel Screw-in Connector, Plain	5.34	3.59
		For Work In Restricted Working Space, Add	*1.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.50*	
26 05 33 13-2391	EA	3/4" Flexible Steel Screw-in Connector, Plain	6.69	4.39
		For Work In Restricted Working Space, Add	*1.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.79*	
26 05 33 13-2392	EA	1" Flexible Steel Screw-in Connector, Plain	9.41	4.79
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	
26 05 33 13-2393	EA	1-1/4" Flexible Steel Screw-in Connector, Plain	13.32	5.59
		For Work In Restricted Working Space, Add	*2.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-2394	EA	1-1/2" Flexible Steel Screw-in Connector, Plain	16.36	5.98
		For Work In Restricted Working Space, Add	*3.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.74*	
26 05 33 13-2395	EA	2" Flexible Steel Screw-in Connector, Plain	23.03	6.78
		For Work In Restricted Working Space, Add	*4.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	

26 05 33 13-2396 Insulated Screw-In Connector *(26 05 33 13-2321)*

26 05 33 13-2397	EA	3/8" Flexible Steel Screw-in Connector, Insulated	5.12	3.20
		For Work In Restricted Working Space, Add	*1.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.35*	
26 05 33 13-2398	EA	1/2" Flexible Steel Screw-in Connector, Insulated	5.50	3.59
		For Work In Restricted Working Space, Add	*1.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.50*	
26 05 33 13-2399	EA	3/4" Flexible Steel Screw-in Connector, Insulated	7.11	4.39
		For Work In Restricted Working Space, Add	*1.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2400	EA	1" Flexible Steel Screw-in Connector, Insulated	10.05	4.79
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	
26 05 33 13-2401	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated	14.24	5.59
		For Work In Restricted Working Space, Add	*2.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-2402	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated	17.46	5.98
		For Work In Restricted Working Space, Add	*3.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.74*	
26 05 33 13-2403	EA	2" Flexible Steel Screw-in Connector, Insulated	24.00	6.78
		For Work In Restricted Working Space, Add	*4.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	

26 05 33 13-2404 Screw-In Coupling *(26 05 33 13-2321)*

26 05 33 13-2405	EA	1/2" Flexible Steel Screw-in Coupling	5.74	3.59
		For Work In Restricted Working Space, Add	*1.50*	
26 05 33 13-2406	EA	3/4" Flexible Steel Screw-in Coupling	7.36	4.39
		For Work In Restricted Working Space, Add	*1.79*	

26 05 33 13-2407 Flexible To Electrical Metallic Tubing (EMT) Coupling *(26 05 33 13-2321)*

26 05 33 13-2408	EA	3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	7.06	3.20
		For Work In Restricted Working Space, Add	*1.35*	
26 05 33 13-2409	EA	1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	9.27	3.59
		For Work In Restricted Working Space, Add	*1.50*	
26 05 33 13-2410	EA	3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	12.06	4.39
		For Work In Restricted Working Space, Add	*1.79*	

26 05 33 13-2411 Die Cast Squeeze Type Straight Connector *(26 05 33 13-2321)*

26 05 33 13-2412	EA	3/8" Flexible Straight Connector, Die Cast	5.04	3.20
		For Work In Restricted Working Space, Add	*1.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.35*	
26 05 33 13-2413	EA	1/2" Flexible Straight Connector, Die Cast	5.67	3.59
		For Work In Restricted Working Space, Add	*1.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.50*	
26 05 33 13-2414	EA	3/4" Flexible Straight Connector, Die Cast	6.97	4.39
		For Work In Restricted Working Space, Add	*1.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.79*	
26 05 33 13-2415	EA	1" Flexible Straight Connector, Die Cast	10.20	4.79
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	
26 05 33 13-2416	EA	1-1/4" Flexible Straight Connector, Die Cast	13.51	5.59
		For Work In Restricted Working Space, Add	*2.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-2417	EA	1-1/2" Flexible Straight Connector, Die Cast	18.01	5.98
		For Work In Restricted Working Space, Add	*3.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.74*	
26 05 33 13-2418	EA	2" Flexible Straight Connector, Die Cast	22.94	6.78
		For Work In Restricted Working Space, Add	*4.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	

26 05 33 13-2419 Die Cast Squeeze Type 90 Degree Connector *(26 05 33 13-2321)*

26 05 33 13-2420	EA	3/8" Flexible 90 Degree Connector, Die Cast	6.68	3.99
		For Work In Restricted Working Space, Add	*1.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.79*	
26 05 33 13-2421	EA	1/2" Flexible 90 Degree Connector, Die Cast	8.16	4.39
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2422	EA	3/4" Flexible 90 Degree Connector, Die Cast	9.75	4.79
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	
26 05 33 13-2423	EA	1" Flexible 90 Degree Connector, Die Cast	14.66	5.59
		For Work In Restricted Working Space, Add	*2.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 05 33 13-2424	EA	1-1/4" Flexible 90 Degree Connector, Die Cast	20.14	5.98
		For Work In Restricted Working Space, Add	*3.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 05 33 13-2425	EA	1-1/2" Flexible 90 Degree Connector, Die Cast	30.21	6.98
		For Work In Restricted Working Space, Add	*4.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 05 33 13-2426	EA	2" Flexible 90 Degree Connector, Die Cast	35.85	8.58
		For Work In Restricted Working Space, Add	*5.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.09*	

26 05 33 13-2427 Flexible Liquid Tight Non-Metallic Conduit And Connectors *(26 05 33 13-2279)*

26 05 33 13-2428 Flexible Liquid Tight Non-Metallic Conduit *(26 05 33 13-2427)*

26 05 33 13-2429	LF	3/8" Flexible Liquid Tight Non-Metallic Conduit	3.33	1.09
		For Work In Restricted Working Space, Add	*0.82*	
26 05 33 13-2430	LF	1/2" Flexible Liquid Tight Non-Metallic Conduit	3.38	1.09
		For Work In Restricted Working Space, Add	*0.82*	
26 05 33 13-2431	LF	3/4" Flexible Liquid Tight Non-Metallic Conduit	4.53	1.46
		For Work In Restricted Working Space, Add	*1.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2432	LF	1" Flexible Liquid Tight Non-Metallic Conduit	5.43	1.46
		For Work In Restricted Working Space, Add	*1.10*	
26 05 33 13-2433	LF	1-1/4" Flexible Liquid Tight Non-Metallic Conduit	6.88	1.82
		For Work In Restricted Working Space, Add	*1.37*	
26 05 33 13-2434	LF	1-1/2" Flexible Liquid Tight Non-Metallic Conduit	8.70	2.18
		For Work In Restricted Working Space, Add	*1.64*	
26 05 33 13-2435	LF	2" Flexible Liquid Tight Non-Metallic Conduit	11.23	2.92
		For Work In Restricted Working Space, Add	*2.19*	

26 05 33 13-2436 Liquid Tight Non-Metallic Straight Connector *(26 05 33 13-2427)*

26 05 33 13-2437	EA	3/8" Liquid Tight Non-Metallic Straight Connector	9.47	2.92
		For Work In Restricted Working Space, Add	*2.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.19*	
26 05 33 13-2438	EA	1/2" Liquid Tight Non-Metallic Straight Connector	9.47	2.92
		For Work In Restricted Working Space, Add	*2.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.19*	
26 05 33 13-2439	EA	3/4" Liquid Tight Non-Metallic Straight Connector	11.42	3.29
		For Work In Restricted Working Space, Add	*2.46*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.46*	
26 05 33 13-2440	EA	1" Liquid Tight Non-Metallic Straight Connector	13.94	3.65
		For Work In Restricted Working Space, Add	*2.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.74*	
26 05 33 13-2441	EA	1-1/4" Liquid Tight Non-Metallic Straight Connector	18.68	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-2442	EA	1-1/2" Liquid Tight Non-Metallic Straight Connector	22.99	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.28*	
26 05 33 13-2443	EA	2" Liquid Tight Non-Metallic Straight Connector	34.87	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.83*	

26 05 33 13-2444 Liquid Tight Non-Metallic 90 Degree Angle Connector *(26 05 33 13-2427)*

26 05 33 13-2445	EA	3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector	13.56	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-2446	EA	1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	13.56	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-2447	EA	3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	16.37	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.28*	
26 05 33 13-2448	EA	1" Liquid Tight Non-Metallic 90 Degree Angle Connector	22.57	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.83*	
26 05 33 13-2449	EA	1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	23.43	5.47
		For Work In Restricted Working Space, Add	*4.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2450	EA	1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	35.49	5.83
		For Work In Restricted Working Space, Add	*4.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.38*	
26 05 33 13-2451	EA	2" Liquid Tight Non-Metallic 90 Degree Angle Connector	47.00	6.56
		For Work In Restricted Working Space, Add	*4.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	

26 05 33 13-2452 Liquid Tight Non-Metallic 45 Degree Angle Connector *(26 05 33 13-2427)*

26 05 33 13-2453	EA	3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector	13.56	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-2454	EA	1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	13.56	4.01
		For Work In Restricted Working Space, Add	*3.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.01*	
26 05 33 13-2455	EA	3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	16.37	4.38
		For Work In Restricted Working Space, Add	*3.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.28*	
26 05 33 13-2456	EA	1" Liquid Tight Non-Metallic 45 Degree Angle Connector	22.57	5.11
		For Work In Restricted Working Space, Add	*3.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.83*	
26 05 33 13-2457	EA	1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	23.43	5.47
		For Work In Restricted Working Space, Add	*4.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.10*	
26 05 33 13-2458	EA	1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	35.49	5.83
		For Work In Restricted Working Space, Add	*4.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.38*	
26 05 33 13-2459	EA	2" Liquid Tight Non-Metallic 45 Degree Angle Connector	47.00	6.56
		For Work In Restricted Working Space, Add	*4.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	

26 05 33 13-2460 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2279)*

Note: Carlon - FLEX-PLUS.

26 05 33 13-2461 Blue ENT Electrical Non-Metallic Tubing *(26 05 33 13-2460)*

26 05 33 13-2462	LF	1/2" Blue ENT Electrical Non-Metallic Tubing	3.27	1.19
		For Work In Restricted Working Space, Add	*0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2463	LF	3/4" Blue ENT Electrical Non-Metallic Tubing	4.37	1.59
		For Work In Restricted Working Space, Add	*1.20*	
26 05 33 13-2464	LF	1" Blue ENT Electrical Non-Metallic Tubing	4.60	1.59
		For Work In Restricted Working Space, Add	*1.20*	

26 05 33 13-2465 Terminal Adapter *(26 05 33 13-2460)*

26 05 33 13-2466	EA	1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	8.43	3.20
		For Work In Restricted Working Space, Add	*2.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.39*	
26 05 33 13-2467	EA	3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	9.79	3.59
		For Work In Restricted Working Space, Add	*2.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.69*	
26 05 33 13-2468	EA	1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	11.03	3.99
		For Work In Restricted Working Space, Add	*2.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	

26 05 33 13-2469 Coupling *(26 05 33 13-2460)*

26 05 33 13-2470	EA	1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	8.37	3.20
		For Work In Restricted Working Space, Add	*2.39*	
26 05 33 13-2471	EA	3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	9.48	3.59
		For Work In Restricted Working Space, Add	*2.69*	
26 05 33 13-2472	EA	1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	10.74	3.99
		For Work In Restricted Working Space, Add	*2.99*	

26 05 33 13-2473 Conduit Bodies *(26 05 33 13-0057)*

26 05 33 13-2474 Threaded, Cast Aluminum Conduit Body *(26 05 33 13-2473)*

26 05 33 13-2475 Type LB, Threaded, Two Hub Cast Aluminum Conduit Body *(26 05 33 13-2474)*

26 05 33 13-2476	EA	1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	49.96	17.51
		For Work In Restricted Working Space, Add	*13.13*	
		For Elevated Installation >15' To 20', Add	*8.75*	
		For Mogul LB, Add	*2.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.13*	
26 05 33 13-2477	EA	3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	58.56	20.06
		For Work In Restricted Working Space, Add	*15.05*	
		For Elevated Installation >15' To 20', Add	*10.03*	
		For Mogul LB, Add	*3.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-2478	EA	1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	70.32	23.35
		For Work In Restricted Working Space, Add	*17.51*	
		For Elevated Installation >15' To 20', Add	*11.67*	
		For Mogul LB, Add	*6.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.51*	
26 05 33 13-2479	EA	1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	84.43	26.63
		For Work In Restricted Working Space, Add	*19.97*	
		For Elevated Installation >15' To 20', Add	*13.31*	
		For Mogul LB, Add	*10.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.97*	
26 05 33 13-2480	EA	1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	96.00	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Mogul LB, Add	*13.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-2481	EA	2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	124.76	35.01
		For Work In Restricted Working Space, Add	*26.27*	
		For Elevated Installation >15' To 20', Add	*17.51*	
		For Mogul LB, Add	*23.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.27*	
26 05 33 13-2482	EA	2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	205.47	49.25
		For Work In Restricted Working Space, Add	*36.93*	
		For Elevated Installation >15' To 20', Add	*24.62*	
		For Mogul LB, Add	*55.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.93*	
26 05 33 13-2483	EA	3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	270.49	65.66
		For Work In Restricted Working Space, Add	*49.25*	
		For Elevated Installation >15' To 20', Add	*32.83*	
		For Mogul LB, Add	*71.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.25*	
26 05 33 13-2484	EA	3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	357.28	82.08
		For Work In Restricted Working Space, Add	*61.56*	
		For Elevated Installation >15' To 20', Add	*41.04*	
		For Mogul LB, Add	*103.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.56*	
26 05 33 13-2485	EA	4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	461.21	99.95
		For Work In Restricted Working Space, Add	*74.96*	
		For Elevated Installation >15' To 20', Add	*49.97*	
		For Mogul LB, Add	*146.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.96*	

26 05 33 13-2486 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2474)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2487	EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	50.71	17.51
		For Work In Restricted Working Space, Add	*13.13*	
		For Elevated Installation >15' To 20', Add	*8.75*	
		For Mogul LB, Add	*3.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.13*	
26 05 33 13-2488	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	59.30	20.06
		For Work In Restricted Working Space, Add	*15.05*	
		For Elevated Installation >15' To 20', Add	*10.03*	
		For Mogul LB, Add	*4.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-2489	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	71.80	23.35
		For Work In Restricted Working Space, Add	*17.51*	
		For Elevated Installation >15' To 20', Add	*11.67*	
		For Mogul LB, Add	*7.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.51*	
26 05 33 13-2490	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	86.23	26.63
		For Work In Restricted Working Space, Add	*19.97*	
		For Elevated Installation >15' To 20', Add	*13.31*	
		For Mogul LB, Add	*11.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.97*	
26 05 33 13-2491	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	99.07	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Mogul LB, Add	*15.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-2492	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	131.34	35.01
		For Work In Restricted Working Space, Add	*26.27*	
		For Elevated Installation >15' To 20', Add	*17.51*	
		For Mogul LB, Add	*28.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.27*	
26 05 33 13-2493	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	202.15	49.25
		For Work In Restricted Working Space, Add	*36.93*	
		For Elevated Installation >15' To 20', Add	*24.62*	
		For Mogul LB, Add	*53.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.93*	
26 05 33 13-2494	EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	259.33	65.66
		For Work In Restricted Working Space, Add	*49.25*	
		For Elevated Installation >15' To 20', Add	*32.83*	
		For Mogul LB, Add	*63.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.25*	
26 05 33 13-2495	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	366.79	82.08
		For Work In Restricted Working Space, Add	*61.56*	
		For Elevated Installation >15' To 20', Add	*41.04*	
		For Mogul LB, Add	*110.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.56*	
26 05 33 13-2496	EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	480.66	99.95
		For Work In Restricted Working Space, Add	*74.96*	
		For Elevated Installation >15' To 20', Add	*49.97*	
		For Mogul LB, Add	*160.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.96*	

26 05 33 13-2497 Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2474)*

26 05 33 13-2498	EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	58.36	20.06
		For Work In Restricted Working Space, Add	*15.05*	
		For Elevated Installation >15' To 20', Add	*10.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-2499	EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	68.92	23.35
		For Work In Restricted Working Space, Add	*17.51*	
		For Elevated Installation >15' To 20', Add	*11.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.51*	
26 05 33 13-2500	EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	78.78	25.53
		For Work In Restricted Working Space, Add	*19.15*	
		For Elevated Installation >15' To 20', Add	*12.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.15*	
26 05 33 13-2501	EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	95.61	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-2502	EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	109.69	32.10
		For Work In Restricted Working Space, Add	*24.08*	
		For Elevated Installation >15' To 20', Add	*16.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.08*	
26 05 33 13-2503	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	144.29	37.57
		For Work In Restricted Working Space, Add	*28.18*	
		For Elevated Installation >15' To 20', Add	*18.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.18*	
26 05 33 13-2504	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	225.77	54.72
		For Work In Restricted Working Space, Add	*41.04*	
		For Elevated Installation >15' To 20', Add	*27.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.04*	
26 05 33 13-2505	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	291.89	71.13
		For Work In Restricted Working Space, Add	*53.35*	
		For Elevated Installation >15' To 20', Add	*35.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.35*	
26 05 33 13-2506	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	455.77	87.55
		For Work In Restricted Working Space, Add	*65.66*	
		For Elevated Installation >15' To 20', Add	*43.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2507	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	524.39	105.43
		For Work In Restricted Working Space, Add	*79.07*	
		For Elevated Installation >15' To 20', Add	*52.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.07*	

26 05 33 13-2508 Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2474)*

26 05 33 13-2509	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	50.86	17.51
		For Work In Restricted Working Space, Add	*13.13*	
		For Elevated Installation >15' To 20', Add	*8.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.13*	
26 05 33 13-2510	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	58.78	20.06
		For Work In Restricted Working Space, Add	*15.05*	
		For Elevated Installation >15' To 20', Add	*10.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-2511	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	70.29	22.98
		For Work In Restricted Working Space, Add	*17.24*	
		For Elevated Installation >15' To 20', Add	*11.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 05 33 13-2512	EA	1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	85.51	26.63
		For Work In Restricted Working Space, Add	*19.97*	
		For Elevated Installation >15' To 20', Add	*13.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.97*	
26 05 33 13-2513	EA	1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	95.50	29.18
		For Work In Restricted Working Space, Add	*21.89*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-2514	EA	2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	124.82	35.01
		For Work In Restricted Working Space, Add	*26.27*	
		For Elevated Installation >15' To 20', Add	*17.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.27*	
26 05 33 13-2515	EA	2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	199.36	49.25
		For Work In Restricted Working Space, Add	*36.93*	
		For Elevated Installation >15' To 20', Add	*24.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.93*	
26 05 33 13-2516	EA	3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	257.55	65.66
		For Work In Restricted Working Space, Add	*49.25*	
		For Elevated Installation >15' To 20', Add	*32.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.25*	
26 05 33 13-2517	EA	3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	361.07	82.08
		For Work In Restricted Working Space, Add	*61.56*	
		For Elevated Installation >15' To 20', Add	*41.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.56*	
26 05 33 13-2518	EA	4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	462.99	99.95
		For Work In Restricted Working Space, Add	*74.96*	
		For Elevated Installation >15' To 20', Add	*49.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.96*	

26 05 33 13-2519 Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2474)*

26 05 33 13-2520	EA	1/2"Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	67.52	22.98
		For Work In Restricted Working Space, Add	*17.24*	
		For Elevated Installation >15' To 20', Add	*11.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 05 33 13-2521	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	77.46	25.53
		For Work In Restricted Working Space, Add	*19.15*	
		For Elevated Installation >15' To 20', Add	*12.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.15*	
26 05 33 13-2522	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	93.26	28.09
		For Work In Restricted Working Space, Add	*21.07*	
		For Elevated Installation >15' To 20', Add	*14.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.07*	
26 05 33 13-2523	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	107.38	32.10
		For Work In Restricted Working Space, Add	*24.08*	
		For Elevated Installation >15' To 20', Add	*16.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.08*	
26 05 33 13-2524	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	135.06	35.01
		For Work In Restricted Working Space, Add	*26.27*	
		For Elevated Installation >15' To 20', Add	*17.51*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.27*	
26 05 33 13-2525	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	163.64	43.04
		For Work In Restricted Working Space, Add	*32.28*	
		For Elevated Installation >15' To 20', Add	*21.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.28*	
26 05 33 13-2526	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	296.79	63.10
		For Work In Restricted Working Space, Add	*47.33*	
		For Elevated Installation >15' To 20', Add	*31.55*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.33*	
26 05 33 13-2527	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	368.05	82.08
		For Work In Restricted Working Space, Add	*61.56*	
		For Elevated Installation >15' To 20', Add	*41.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.56*	
26 05 33 13-2528	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	518.01	101.41
		For Work In Restricted Working Space, Add	*76.61*	
		For Elevated Installation >15' To 20', Add	*51.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.61*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2529		EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	625.02	121.83
			For Work In Restricted Working Space, Add	*91.38*	
			For Elevated Installation >15' To 20', Add	*60.92*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.38*	

26 05 33 13-2530 Threaded, Malleable Iron Conduit Body *(26 05 33 13-2473)*

26 05 33 13-2531 Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2530)*

26 05 33 13-2532		EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	52.06	17.51
			For Elevated Installation >15' To 20', Add	*8.75*	
			For Work In Restricted Working Space, Add	*13.13*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.13*	
26 05 33 13-2533		EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	60.33	20.06
			For Elevated Installation >15' To 20', Add	*10.03*	
			For Work In Restricted Working Space, Add	*15.05*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-2534		EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	73.51	23.35
			For Elevated Installation >15' To 20', Add	*11.67*	
			For Work In Restricted Working Space, Add	*17.51*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.51*	
26 05 33 13-2535		EA	1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	93.75	26.63
			For Elevated Installation >15' To 20', Add	*13.31*	
			For Work In Restricted Working Space, Add	*19.97*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.97*	
26 05 33 13-2536		EA	1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	106.30	29.18
			For Elevated Installation >15' To 20', Add	*14.59*	
			For Work In Restricted Working Space, Add	*21.89*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-2537		EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	143.35	35.01
			For Elevated Installation >15' To 20', Add	*17.51*	
			For Work In Restricted Working Space, Add	*26.27*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.27*	
26 05 33 13-2538		EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	237.32	49.25
			For Elevated Installation >15' To 20', Add	*24.62*	
			For Work In Restricted Working Space, Add	*36.93*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.93*	
26 05 33 13-2539		EA	3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	334.53	65.66
			For Elevated Installation >15' To 20', Add	*32.83*	
			For Work In Restricted Working Space, Add	*49.25*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.25*	
26 05 33 13-2540		EA	3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	457.43	82.08
			For Elevated Installation >15' To 20', Add	*41.04*	
			For Work In Restricted Working Space, Add	*61.56*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.56*	
26 05 33 13-2541		EA	4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	548.14	99.95
			For Elevated Installation >15' To 20', Add	*49.97*	
			For Work In Restricted Working Space, Add	*74.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.96*	

26 05 33 13-2542 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2530)*

26 05 33 13-2543		EA	1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	53.98	17.51
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.13*	
26 05 33 13-2544		EA	3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	60.89	20.06
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-2545		EA	1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	76.44	23.35
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.51*	
26 05 33 13-2546		EA	1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	95.72	26.63
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.97*	
26 05 33 13-2547		EA	1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	108.70	29.18
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-2548		EA	2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	138.42	35.01
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.27*	
26 05 33 13-2549		EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	209.94	49.25
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.93*	
26 05 33 13-2550		EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	285.29	65.66
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.25*	
26 05 33 13-2551		EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	486.43	82.08
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.56*	
26 05 33 13-2552		EA	4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	569.53	99.95
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.96*	

26 05 33 13-2553 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2530)*

26 05 33 13-2554		EA	1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	63.85	20.06
			For Elevated Installation >15' To 20', Add	*10.03*	
			For Work In Restricted Working Space, Add	*15.05*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-2555		EA	3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	75.29	23.35
			For Elevated Installation >15' To 20', Add	*11.86*	
			For Work In Restricted Working Space, Add	*17.78*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.78*	
26 05 33 13-2556		EA	1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	88.05	25.53
			For Elevated Installation >15' To 20', Add	*12.77*	
			For Work In Restricted Working Space, Add	*19.15*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2557	EA	1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	109.56	29.18
		For Elevated Installation >15' To 20', Add	*14.41*	
		For Work In Restricted Working Space, Add	*21.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.61*	
26 05 33 13-2558	EA	1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	125.33	32.10
		For Elevated Installation >15' To 20', Add	*16.05*	
		For Work In Restricted Working Space, Add	*24.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.08*	
26 05 33 13-2559	EA	2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	164.57	37.57
		For Elevated Installation >15' To 20', Add	*18.79*	
		For Work In Restricted Working Space, Add	*28.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.18*	
26 05 33 13-2560	EA	2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	210.89	54.72
		For Elevated Installation >15' To 20', Add	*27.36*	
		For Work In Restricted Working Space, Add	*41.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.04*	
26 05 33 13-2561	EA	3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	300.97	71.13
		For Elevated Installation >15' To 20', Add	*35.57*	
		For Work In Restricted Working Space, Add	*53.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.35*	
26 05 33 13-2562	EA	3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	513.50	87.55
		For Elevated Installation >15' To 20', Add	*43.77*	
		For Work In Restricted Working Space, Add	*65.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.66*	
26 05 33 13-2563	EA	4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	595.70	105.43
		For Elevated Installation >15' To 20', Add	*52.89*	
		For Work In Restricted Working Space, Add	*79.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.34*	

26 05 33 13-2564 Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2530)*

26 05 33 13-2565	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	52.21	17.51
		For Elevated Installation >15' To 20', Add	*8.75*	
		For Work In Restricted Working Space, Add	*13.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.13*	
26 05 33 13-2566	EA	3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	62.81	20.06
		For Elevated Installation >15' To 20', Add	*10.03*	
		For Work In Restricted Working Space, Add	*15.05*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.05*	
26 05 33 13-2567	EA	1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	73.29	22.98
		For Elevated Installation >15' To 20', Add	*11.49*	
		For Work In Restricted Working Space, Add	*17.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 05 33 13-2568	EA	1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	97.36	26.63
		For Elevated Installation >15' To 20', Add	*13.31*	
		For Work In Restricted Working Space, Add	*19.97*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.97*	
26 05 33 13-2569	EA	1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	113.08	29.18
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-2570	EA	2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	145.28	35.01
		For Elevated Installation >15' To 20', Add	*17.51*	
		For Work In Restricted Working Space, Add	*26.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.27*	
26 05 33 13-2571	EA	2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	330.07	92.38
		For Elevated Installation >15' To 20', Add	*46.17*	
		For Work In Restricted Working Space, Add	*69.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.25*	
26 05 33 13-2572	EA	3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	305.97	65.66
		For Elevated Installation >15' To 20', Add	*32.83*	
		For Work In Restricted Working Space, Add	*49.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*49.25*	
26 05 33 13-2573	EA	3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	486.43	82.08
		For Elevated Installation >15' To 20', Add	*41.04*	
		For Work In Restricted Working Space, Add	*61.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.56*	
26 05 33 13-2574	EA	4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	569.52	99.95
		For Elevated Installation >15' To 20', Add	*49.97*	
		For Work In Restricted Working Space, Add	*74.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.96*	

26 05 33 13-2575 Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2530)*

26 05 33 13-2576	EA	1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	72.63	22.98
		For Elevated Installation >15' To 20', Add	*11.49*	
		For Work In Restricted Working Space, Add	*17.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.24*	
26 05 33 13-2577	EA	3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	79.58	25.53
		For Elevated Installation >15' To 20', Add	*12.77*	
		For Work In Restricted Working Space, Add	*19.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.15*	
26 05 33 13-2578	EA	1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	91.83	28.09
		For Elevated Installation >15' To 20', Add	*14.04*	
		For Work In Restricted Working Space, Add	*21.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.07*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2579		EA	1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	108.78	32.10
			For Elevated Installation >15' To 20', Add	*16.05*	
			For Work In Restricted Working Space, Add	*24.08*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.08*	
26 05 33 13-2580		EA	1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	124.77	35.01
			For Elevated Installation >15' To 20', Add	*17.51*	
			For Work In Restricted Working Space, Add	*26.27*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.27*	
26 05 33 13-2581		EA	2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	172.41	43.04
			For Elevated Installation >15' To 20', Add	*21.52*	
			For Work In Restricted Working Space, Add	*32.28*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.28*	
26 05 33 13-2582		EA	2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	273.46	63.10
			For Elevated Installation >15' To 20', Add	*31.55*	
			For Work In Restricted Working Space, Add	*47.33*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.33*	
26 05 33 13-2583		EA	3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	397.44	82.08
			For Elevated Installation >15' To 20', Add	*41.04*	
			For Work In Restricted Working Space, Add	*61.56*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.56*	
26 05 33 13-2584		EA	3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	585.98	101.41
			For Elevated Installation >15' To 20', Add	*50.70*	
			For Work In Restricted Working Space, Add	*76.06*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.06*	
26 05 33 13-2585		EA	4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	657.58	121.83
			For Elevated Installation >15' To 20', Add	*60.92*	
			For Work In Restricted Working Space, Add	*91.38*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.38*	

26 05 33 13-2586 Set Screw, Cast Aluminum Conduit Body *(26 05 33 13-2473)*

26 05 33 13-2587 Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2586)*

26 05 33 13-2588		EA	1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	24.53	6.93
			For Work In Restricted Working Space, Add	*5.20*	
			For Elevated Installation >15' To 20', Add	*3.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2589		EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	31.45	9.12
			For Work In Restricted Working Space, Add	*6.84*	
			For Elevated Installation >15' To 20', Add	*4.56*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2590		EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	42.24	11.30
			For Work In Restricted Working Space, Add	*8.48*	
			For Elevated Installation >15' To 20', Add	*5.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.48*	
26 05 33 13-2591		EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	54.52	13.86
			For Work In Restricted Working Space, Add	*10.40*	
			For Elevated Installation >15' To 20', Add	*6.93*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.40*	
26 05 33 13-2592		EA	1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	71.03	16.05
			For Work In Restricted Working Space, Add	*12.04*	
			For Elevated Installation >15' To 20', Add	*8.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.04*	
26 05 33 13-2593		EA	2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	93.16	18.24
			For Work In Restricted Working Space, Add	*13.68*	
			For Elevated Installation >15' To 20', Add	*9.12*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	

26 05 33 13-2594 Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2586)*

26 05 33 13-2595		EA	1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	24.73	6.93
			For Work In Restricted Working Space, Add	*5.20*	
			For Elevated Installation >15' To 20', Add	*3.47*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2596		EA	3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	32.21	9.12
			For Work In Restricted Working Space, Add	*6.84*	
			For Elevated Installation >15' To 20', Add	*4.56*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2597		EA	1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	39.59	11.30
			For Work In Restricted Working Space, Add	*8.48*	
			For Elevated Installation >15' To 20', Add	*5.65*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.48*	
26 05 33 13-2598		EA	1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	54.29	13.86
			For Work In Restricted Working Space, Add	*10.40*	
			For Elevated Installation >15' To 20', Add	*6.93*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.40*	
26 05 33 13-2599		EA	1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	66.64	16.05
			For Work In Restricted Working Space, Add	*12.04*	
			For Elevated Installation >15' To 20', Add	*8.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.04*	
26 05 33 13-2600		EA	2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	92.78	18.24
			For Work In Restricted Working Space, Add	*13.68*	
			For Elevated Installation >15' To 20', Add	*9.12*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	

26 05 33 13-2601 Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2586)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2602	EA	1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	31.86	9.12
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2603	EA	3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	41.33	11.30
		For Work In Restricted Working Space, Add	*8.48*	
		For Elevated Installation >15' To 20', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.48*	
26 05 33 13-2604	EA	1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	49.92	13.86
		For Work In Restricted Working Space, Add	*10.40*	
		For Elevated Installation >15' To 20', Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.40*	
26 05 33 13-2605	EA	1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	68.31	16.05
		For Work In Restricted Working Space, Add	*12.59*	
		For Elevated Installation >15' To 20', Add	*8.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.59*	
26 05 33 13-2606	EA	1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	87.03	18.24
		For Work In Restricted Working Space, Add	*14.78*	
		For Elevated Installation >15' To 20', Add	*9.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.78*	
26 05 33 13-2607	EA	2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	115.91	20.42
		For Work In Restricted Working Space, Add	*16.96*	
		For Elevated Installation >15' To 20', Add	*11.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.96*	

26 05 33 13-2608 Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2586)*

26 05 33 13-2609	EA	1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	25.37	6.93
		For Work In Restricted Working Space, Add	*5.20*	
		For Elevated Installation >15' To 20', Add	*3.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.20*	
26 05 33 13-2610	EA	3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	33.90	9.12
		For Work In Restricted Working Space, Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*4.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.84*	
26 05 33 13-2611	EA	1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	43.20	11.30
		For Work In Restricted Working Space, Add	*8.48*	
		For Elevated Installation >15' To 20', Add	*5.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.48*	
26 05 33 13-2612	EA	1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	55.66	13.86
		For Work In Restricted Working Space, Add	*10.40*	
		For Elevated Installation >15' To 20', Add	*6.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.40*	
26 05 33 13-2613	EA	1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	42.40	16.05
		For Work In Restricted Working Space, Add	*12.04*	
		For Elevated Installation >15' To 20', Add	*8.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.04*	
26 05 33 13-2614	EA	2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	100.12	18.24
		For Work In Restricted Working Space, Add	*13.68*	
		For Elevated Installation >15' To 20', Add	*9.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.68*	

26 05 33 13-2615 Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-2473)*

26 05 33 13-2616	EA	3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120)	107.55	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.99*	
26 05 33 13-2617	EA	1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250)	375.42	36.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.71*	
26 05 33 13-2618	EA	3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400)	724.86	74.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.22*	

26 05 33 13-2619 Replacement Covers And Gaskets For Conduit Body *(26 05 33 13-2473)*

26 05 33 13-2620 Replacement Stamped Aluminum Conduit Body Cover *(26 05 33 13-2619)*

26 05 33 13-2621	EA	1/2" Replacement Stamped Aluminum Conduit Body Cover	9.15	3.56
26 05 33 13-2622	EA	3/4" Replacement Stamped Aluminum Conduit Body Cover	11.13	4.15
26 05 33 13-2623	EA	1" Replacement Stamped Aluminum Conduit Body Cover	14.27	5.33
26 05 33 13-2624	EA	1-1/4" Replacement Stamped Aluminum Conduit Body Cover	17.37	6.52
26 05 33 13-2625	EA	1-1/2" Replacement Stamped Aluminum Conduit Body Cover	21.27	7.71
26 05 33 13-2626	EA	2" Replacement Stamped Aluminum Conduit Body Cover	25.17	8.89
26 05 33 13-2627	EA	2-1/2" Replacement Stamped Aluminum Conduit Body Cover	32.93	10.08
26 05 33 13-2628	EA	3" Replacement Stamped Aluminum Conduit Body Cover	42.92	14.23
26 05 33 13-2629	EA	3-1/2" Replacement Stamped Aluminum Conduit Body Cover	46.63	16.00
26 05 33 13-2630	EA	4" Replacement Stamped Aluminum Conduit Body Cover	58.74	20.15

26 05 33 13-2631 Replacement Cast Steel Conduit Body Cover *(26 05 33 13-2619)*

26 05 33 13-2632	EA	1/2" Replacement Cast Steel Conduit Body Cover	10.53	3.56
26 05 33 13-2633	EA	3/4" Replacement Cast Steel Conduit Body Cover	12.33	4.15
26 05 33 13-2634	EA	1" Replacement Cast Steel Conduit Body Cover	17.23	5.33
26 05 33 13-2635	EA	1-1/4" Replacement Cast Steel Conduit Body Cover	21.39	6.52
26 05 33 13-2636	EA	1-1/2" Replacement Cast Steel Conduit Body Cover	25.95	7.71
26 05 33 13-2637	EA	2" Replacement Cast Steel Conduit Body Cover	30.52	8.89
26 05 33 13-2638	EA	2-1/2" Replacement Cast Steel Conduit Body Cover	35.05	10.08
26 05 33 13-2639	EA	3" Replacement Cast Steel Conduit Body Cover	47.94	14.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2640	EA	3-1/2" Replacement Cast Steel Conduit Body Cover	54.54	16.00
26 05 33 13-2641	EA	4" Replacement Cast Steel Conduit Body Cover	68.75	20.15

26 05 33 13-2642 Replacement Velbuna Composition Conduit Body Gasket *(26 05 33 13-2619)*

26 05 33 13-2643	EA	1/2" Replacement Velbuna Composition Conduit Body Gasket	8.53	3.56
26 05 33 13-2644	EA	3/4" Replacement Velbuna Composition Conduit Body Gasket	9.75	4.15
26 05 33 13-2645	EA	1" Replacement Velbuna Composition Conduit Body Gasket	12.72	5.33
26 05 33 13-2646	EA	1-1/4" Replacement Velbuna Composition Conduit Body Gasket	16.44	6.52
26 05 33 13-2647	EA	1-1/2" Replacement Velbuna Composition Conduit Body Gasket	18.81	7.71
26 05 33 13-2648	EA	2" Replacement Velbuna Composition Conduit Body Gasket	22.32	8.89
26 05 33 13-2649	EA	2-1/2" Replacement Velbuna Composition Conduit Body Gasket	29.03	10.08
26 05 33 13-2650	EA	3" Replacement Velbuna Composition Conduit Body Gasket	38.06	14.23
26 05 33 13-2651	EA	3-1/2" Replacement Velbuna Composition Conduit Body Gasket	42.02	16.00
26 05 33 13-2652	EA	4" Replacement Velbuna Composition Conduit Body Gasket	50.23	20.15

26 05 33 13-2653 Replacement Neoprene Conduit Body Gasket *(26 05 33 13-2619)*

26 05 33 13-2654	EA	1/2" Replacement Neoprene Conduit Body Gasket	9.49	3.56
26 05 33 13-2655	EA	3/4" Replacement Neoprene Conduit Body Gasket	10.67	4.15
26 05 33 13-2656	EA	1" Replacement Neoprene Conduit Body Gasket	13.92	5.33
26 05 33 13-2657	EA	1-1/4" Replacement Neoprene Conduit Body Gasket	17.05	6.52
26 05 33 13-2658	EA	1-1/2" Replacement Neoprene Conduit Body Gasket	19.42	7.71
26 05 33 13-2659	EA	2" Replacement Neoprene Conduit Body Gasket	22.38	8.89
26 05 33 13-2660	EA	2-1/2" Replacement Neoprene Conduit Body Gasket	29.18	10.08
26 05 33 13-2661	EA	3" Replacement Neoprene Conduit Body Gasket	38.21	14.23
26 05 33 13-2662	EA	3-1/2" Replacement Neoprene Conduit Body Gasket	43.05	16.00
26 05 33 13-2663	EA	4" Replacement Neoprene Conduit Body Gasket	51.26	20.15

26 05 33 16 Boxes For Electrical Systems *(26 05 33)*

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

26 05 33 16-0001 Steel Junction, Device, And Fixture Boxes, Rings And Covers *(26 05 33 16)*

Note: Thin wall metal. See CSI section 26 27 26 00-0005 for steel box/receptacle assemblies, 26 27 26 00-0134 for steel box/switch assemblies.

26 05 33 16-0002 4" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box	32.62	14.96
		For Stud Bracket, Add	*0.66*	
26 05 33 16-0004	EA	2-1/8" Depth, 4" Square Steel Box	33.84	14.96
		For Stud Bracket, Add	*1.19*	
26 05 33 16-0005	EA	3-1/2" Depth, 4" Square Steel Box	38.03	14.96
		For Stud Bracket, Add	*1.29*	
26 05 33 16-0006	EA	1-1/2" Depth, 4" Square Steel Extension Ring	25.93	9.98
26 05 33 16-0007	EA	2-1/8" Depth, 4" Square Steel Extension Ring	21.68	9.98
26 05 33 16-0008	EA	1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	11.26	4.99
26 05 33 16-0009	EA	5/8" Depth, 1 Gang, 4" Square Steel Mud Ring	11.46	4.99
26 05 33 16-0010	EA	3/4" Depth, 1 Gang, 4" Square Steel Mud Ring	11.60	4.99
26 05 33 16-0011	EA	1" Depth, 1 Gang, 4" Square Steel Mud Ring	12.05	4.99
26 05 33 16-0012	EA	1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring	12.18	4.99
26 05 33 16-0013	EA	1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	13.63	4.99
26 05 33 16-0014	EA	1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	11.81	4.99
26 05 33 16-0015	EA	5/8" Depth, 2 Gang, 4" Square Steel Mud Ring	11.95	4.99
26 05 33 16-0016	EA	3/4" Depth, 2 Gang, 4" Square Steel Mud Ring	12.12	4.99
26 05 33 16-0017	EA	1" Depth, 2 Gang, 4" Square Steel Mud Ring	13.61	4.99
26 05 33 16-0018	EA	1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring	13.91	4.99
26 05 33 16-0019	EA	1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	15.80	4.99
26 05 33 16-0020	EA	3/4" Depth, Fixture Cover, 4" Square Mud Rings	12.53	4.99
26 05 33 16-0021	EA	1" Depth, Fixture Cover, 4" Square Mud Rings	13.73	4.99
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover	11.79	4.99
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover	11.90	4.99
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover	11.76	4.99
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover	12.08	4.99
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover	12.35	4.99
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	15.68	4.99
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	12.30	4.99
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover	15.68	4.99
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover	12.30	4.99
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover	13.08	4.99
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover	15.68	4.99
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover	15.68	4.99
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover	10.84	4.99

26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box	37.14	14.96
26 05 33 16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box	34.37	14.96
		For Stud Bracket, Add	*0.62*	
26 05 33 16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box	48.25	14.96
26 05 33 16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring	27.08	9.98
26 05 33 16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring	27.76	9.98
26 05 33 16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	14.02	4.99
26 05 33 16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	14.06	4.99
26 05 33 16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	15.24	4.99
26 05 33 16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	14.76	4.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	14.66	4.99
26 05 33 16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	19.56	4.99
26 05 33 16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	14.96	4.99
26 05 33 16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	15.22	4.99
26 05 33 16-0049	EA	3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	15.24	4.99
26 05 33 16-0050	EA	1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	16.97	4.99
26 05 33 16-0051	EA	1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	17.33	4.99
26 05 33 16-0052	EA	1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	21.53	4.99
26 05 33 16-0053	EA	1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	14.73	4.99
26 05 33 16-0054	EA	5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	14.86	4.99
26 05 33 16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover	18.11	4.99
26 05 33 16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover	19.02	4.99
26 05 33 16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	17.84	4.99
26 05 33 16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover	16.85	4.99
26 05 33 16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	20.17	4.99
26 05 33 16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	19.01	4.99
26 05 33 16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	19.01	4.99
26 05 33 16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	19.01	4.99
26 05 33 16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover	11.58	4.99
26 05 33 16-0064		**Steel Square Box Brackets** *(26 05 33 16-0001)*		
26 05 33 16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes	16.22	7.49
26 05 33 16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box	11.90	5.00
26 05 33 16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes	19.16	7.49
26 05 33 16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes	20.67	7.49
26 05 33 16-0069		**4" Octagon Steel Boxes And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0070	EA	1-1/2" Depth, 4" Steel Octagon Box	27.14	12.47
		For Stud Bracket, Add	*1.60*	
26 05 33 16-0071	EA	2-1/8" Depth, 4" Steel Octagon Box	28.21	12.47
26 05 33 16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover	10.77	4.99
26 05 33 16-0073		**4" Steel Octagonal Concrete Rings And Steel Covers** *(26 05 33 16-0001)* Note: Placed in concrete slabs or walls.		
26 05 33 16-0074	EA	2" Depth, 4" Steel Octagonal Concrete Ring	44.73	
26 05 33 16-0075	EA	2-1/2" Depth, 4" Steel Octagonal Concrete Ring	47.53	
26 05 33 16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring	49.72	
26 05 33 16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring	51.86	
26 05 33 16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring	56.79	
26 05 33 16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring	61.91	
26 05 33 16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring	65.87	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	12.24	4.99
26 05 33 16-0082		**4-1/2" Steel Gang Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	42.27	12.47
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	46.47	13.46
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	56.08	14.96
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	73.69	16.46
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	110.35	17.95
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	58.77	12.47
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	64.05	13.46
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	85.77	14.96
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	110.61	16.46
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	183.34	17.95
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring	18.56	4.99
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring	18.84	4.99
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring	22.02	4.99
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring	27.48	4.99
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring	39.47	4.99
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover	15.83	4.99
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover	18.81	4.99
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover	22.76	4.99
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover	27.79	4.99
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover	40.32	4.99
26 05 33 16-0103		**Steel Switch Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	29.20	12.47
26 05 33 16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	29.66	12.47
26 05 33 16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	32.04	12.47
26 05 33 16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	37.39	12.47
26 05 33 16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	37.86	12.47
26 05 33 16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	45.11	12.47
26 05 33 16-0110		**4" x 2" Steel Handy Boxes, Extension Rings And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box	27.02	12.47
		For Stud Bracket, Add	*2.58*	
26 05 33 16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box	27.52	12.47
		For Stud Bracket, Add	*1.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box	28.61	12.47
		For Stud Bracket, Add	*1.51*	
26 05 33 16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring	17.95	7.48
26 05 33 16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring	17.46	7.48
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	6.07	2.49
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	6.16	2.49
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	5.70	2.49
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover	5.73	2.49
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	6.67	2.49
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	5.73	2.49
26 05 33 16-0122		3"-1/2" Depth, 3-3/4" Steel Masonry Boxes *(26 05 33 16-0001)*		
26 05 33 16-0123	EA	1 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	40.71	17.45
26 05 33 16-0124	EA	2 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	45.66	18.45
26 05 33 16-0125	EA	3 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	52.46	19.95
26 05 33 16-0126	EA	4 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	59.84	21.94
26 05 33 16-0127		Cast Boxes *(26 05 33 16)*		
		Note: For flush or surface mount.		
26 05 33 16-0128		Cast Iron Alloy Boxes *(26 05 33 16-0127)*		
		See CSI section 26 27 26 00-0281 for box covers.		
26 05 33 16-0129		Shallow, Single Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)*		
		Note: Up to 2" deep boxes.		
26 05 33 16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	83.34	29.93
26 05 33 16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	90.25	34.91
26 05 33 16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	106.49	42.40
26 05 33 16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	104.59	39.90
26 05 33 16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	133.08	47.38
26 05 33 16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	104.19	39.90
26 05 33 16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	125.19	47.38
26 05 33 16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	106.72	39.90
26 05 33 16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	125.23	47.38
26 05 33 16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	104.19	39.90
26 05 33 16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	122.10	47.38
26 05 33 16-0141	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	124.56	49.87
26 05 33 16-0142	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	147.55	59.85
26 05 33 16-0143	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	129.42	49.87
26 05 33 16-0144	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	166.09	59.85
26 05 33 16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	132.60	49.87
26 05 33 16-0146	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	158.47	59.85
26 05 33 16-0147	EA	1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	124.15	49.87
26 05 33 16-0148	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	160.62	59.85
26 05 33 16-0149	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	157.59	59.85
26 05 33 16-0150	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	190.14	72.32
26 05 33 16-0151		Deep, Single Gang Cast Iron Alloy Boxes *(26 05 33 16-0128)*		
		Note: >2" deep boxes.		
26 05 33 16-0152	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	86.92	29.93
26 05 33 16-0153	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	100.18	34.91
26 05 33 16-0154	EA	1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	117.95	42.40
26 05 33 16-0155	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	111.14	39.90
26 05 33 16-0156	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	128.56	47.38
26 05 33 16-0157	EA	1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	154.58	57.36
26 05 33 16-0158	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	137.49	47.38
26 05 33 16-0159	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box Note: Three hubs.	176.67	59.85

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0160		**Shallow, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0161	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	99.59	32.42
26 05 33 16-0162	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	110.62	37.41
26 05 33 16-0163	EA	1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	128.77	44.88
26 05 33 16-0164	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	121.26	42.40
26 05 33 16-0165	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	138.07	49.87
26 05 33 16-0166		**Deep, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0167	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	110.34	32.42
26 05 33 16-0168	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	120.73	37.41
26 05 33 16-0169	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	137.44	42.40
26 05 33 16-0170	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	155.16	49.87
26 05 33 16-0171		**Cast Aluminum Boxes** *(26 05 33 16-0127)* See CSI section 26 27 26 00-0281 for box covers.		
26 05 33 16-0172		**Shallow, Single Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0173	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	73.36	24.94
26 05 33 16-0174	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	84.27	29.93
26 05 33 16-0175	EA	1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	94.44	37.41
26 05 33 16-0176	EA	1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	69.18	24.94
26 05 33 16-0177	EA	3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	87.21	29.93
26 05 33 16-0178	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	93.72	34.91
26 05 33 16-0179	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	112.68	42.40
26 05 33 16-0180	EA	1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	141.22	52.37
26 05 33 16-0181	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	100.98	34.91
26 05 33 16-0182	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	109.14	42.40
26 05 33 16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	96.85	34.91
26 05 33 16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	111.61	42.40
26 05 33 16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	94.18	34.91
26 05 33 16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	111.61	42.40
26 05 33 16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	88.03	34.91
26 05 33 16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	118.15	42.40
26 05 33 16-0189	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	112.22	44.88
26 05 33 16-0190	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	136.41	54.86
26 05 33 16-0191	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	118.60	44.88
26 05 33 16-0192	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	158.51	54.86
26 05 33 16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	118.07	44.88
26 05 33 16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	144.81	54.86
26 05 33 16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	146.71	54.86
26 05 33 16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	143.98	54.86
26 05 33 16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	175.82	67.34
26 05 33 16-0198		**Deep, Single Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	80.75	24.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	96.76	29.93
26 05 33 16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	111.61	37.41
26 05 33 16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	103.52	29.93
26 05 33 16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	103.29	34.91
26 05 33 16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	124.42	42.40
26 05 33 16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	140.12	52.37
26 05 33 16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	125.99	42.40
26 05 33 16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	154.68	54.86
26 05 33 16-0208		**Shallow, Two Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	96.11	27.43
26 05 33 16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	110.26	32.42
26 05 33 16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	119.39	39.90
26 05 33 16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	120.73	37.41
26 05 33 16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	124.45	44.88
26 05 33 16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	153.60	54.86
26 05 33 16-0215		**Deep, Two Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	96.02	27.43
26 05 33 16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	111.27	32.42
26 05 33 16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	123.04	37.41
26 05 33 16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	139.92	44.88
26 05 33 16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	123.04	37.41
26 05 33 16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	139.92	44.88
26 05 33 16-0222		**Shallow, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	129.26	39.90
26 05 33 16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	145.55	47.38
26 05 33 16-0225		**Deep, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	145.33	34.91
26 05 33 16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	162.66	42.40
26 05 33 16-0228		**Cast Aluminum Explosion Proof Outlet Bodies** *(26 05 33 16-0127)* Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33 16-0229	EA	1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	151.10	39.90
26 05 33 16-0230	EA	3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	186.44	44.88
26 05 33 16-0231	EA	1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	172.18	49.87
26 05 33 16-0232	EA	1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body	167.58	44.88
26 05 33 16-0233	EA	3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA	203.43	49.87
26 05 33 16-0234		**Non Metallic (PVC) Boxes** *(26 05 33 16)* See CSI section 26 27 26 00-0281 for box covers.		
26 05 33 16-0235		**Shallow, Single Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0236	EA	1/2" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	48.60	20.95
26 05 33 16-0237	EA	3/4" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	55.79	24.44
26 05 33 16-0238	EA	1" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	64.50	29.68
26 05 33 16-0239	EA	1/2" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	62.77	27.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0240	EA	3/4" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	73.93	33.17
26 05 33 16-0241	EA	1" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	89.63	40.15
26 05 33 16-0242	EA	1/2" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	62.94	27.93
26 05 33 16-0243	EA	3/4" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	73.45	33.17
26 05 33 16-0244	EA	1" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	88.01	40.15
26 05 33 16-0245	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	79.31	34.91
26 05 33 16-0246	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	91.40	41.90
26 05 33 16-0247	EA	1" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box Note: Three hubs.	108.30	50.62
26 05 33 16-0248		**Deep, Single Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0249	EA	No Hub, Type FD, Deep, Single Gang Non Metallic (PVC) Box Note: No hubs.	49.12	20.95
26 05 33 16-0250	EA	1/2" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	48.21	20.95
26 05 33 16-0251	EA	3/4" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	57.03	24.44
26 05 33 16-0252	EA	1" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	65.01	29.68
26 05 33 16-0253	EA	1/2" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	63.79	27.93
26 05 33 16-0254	EA	3/4" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	72.58	33.17
26 05 33 16-0255	EA	1" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	87.01	40.15
26 05 33 16-0256		**Shallow, Two Gang Non Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0257	EA	1/2" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	52.35	22.69
26 05 33 16-0258	EA	3/4" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	60.07	26.19
26 05 33 16-0259	EA	1" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box Note: One hub.	68.09	31.42
26 05 33 16-0260	EA	1/2" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	65.12	29.68
26 05 33 16-0261	EA	3/4" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	79.65	34.91
26 05 33 16-0262	EA	1" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	94.54	41.90
26 05 33 16-0263	EA	1/2" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	66.33	29.68
26 05 33 16-0264	EA	3/4" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	83.01	34.91
26 05 33 16-0265	EA	1" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	91.84	41.90
26 05 33 16-0266	EA	1/2" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	81.29	36.66
26 05 33 16-0267	EA	3/4" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	104.69	43.64
26 05 33 16-0268	EA	1" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box Note: Three hubs.	111.70	52.37
26 05 33 16-0269		**Poke Thru Units** *(26 05 33 16)*		
26 05 33 16-0270		**Surface Poke Thru Units** *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0271	EA	Single 20 Amp Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	437.67	37.41
26 05 33 16-0272	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL.	279.59	
26 05 33 16-0273	EA	Replacement 20 Amp Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	38.96	9.98
26 05 33 16-0274	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCBK.	46.92	4.99
26 05 33 16-0275	EA	Four 20 Amp Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	494.96	39.90
26 05 33 16-0276	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	261.82	
26 05 33 16-0277	EA	Replacement Two 20 Amp Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	66.73	14.96
26 05 33 16-0278	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCBK.	46.92	4.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0279	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	136.63	9.98
26 05 33 16-0280	EA	Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	391.74	34.91
26 05 33 16-0281	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCBK.	32.65	4.99
26 05 33 16-0282	EA	Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	389.94	34.91
26 05 33 16-0283	EA	Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	45.36	4.99
26 05 33 16-0284		Recessed Poke Thru Units *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0285		Evolution 6AT Poke Thru Units *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0286	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	616.10	39.90
26 05 33 16-0287	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	616.18	39.90
26 05 33 16-0288	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	587.81	39.90
26 05 33 16-0289	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	587.81	39.90
26 05 33 16-0290	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	616.10	39.90
26 05 33 16-0291	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	616.10	39.90
26 05 33 16-0292	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	563.86	39.90
26 05 33 16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	357.49	37.41
26 05 33 16-0294	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	382.51	37.41
26 05 33 16-0295	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	384.99	37.41
26 05 33 16-0296	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	112.12	19.95
26 05 33 16-0297	EA	Surface Style Cover Assembly (Wiremold 6CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	246.36	9.98
26 05 33 16-0298	EA	Flush Style Cover Assembly (Wiremold 6CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	246.36	9.98
26 05 33 16-0299	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC) Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	205.33	9.98
26 05 33 16-0300	EA	Tile Shim (Wiremold 6TS) Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	30.04	2.49
26 05 33 16-0301	EA	Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	15.93	4.99
26 05 33 16-0302	EA	Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	18.15	4.99
26 05 33 16-0303	EA	Device Mounting Plate (Wiremold 6B) Note: Device plate used to blank off center compartment, when no devices are used.	15.87	4.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0304	EA	Device Mounting Plate (Wiremold 6DEC) Note: Device plate that will accept Decorator style devices such as 20A receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	15.91	4.99
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 6DP) Note: Device plate that will accept standard 20A duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	15.81	4.99
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 6MAAP) Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	18.39	4.99
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 6MAAP2A) Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	18.21	4.99
26 05 33 16-0308	EA	Mosaic Mounting Plate (Wiremold 6MOS) Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	18.61	4.99
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 6S1) Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	15.60	4.99
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 6S2) Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	15.61	4.99
26 05 33 16-0311	EA	Device Mounting Plate (Wiremold 6SER) Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	15.42	4.99
26 05 33 16-0312	EA	Device Mounting Plate (Wiremold 6TRAC) Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	15.42	4.99
26 05 33 16-0313	EA	20AMP Duplex Receptacles (Wiremold 68REC) Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	35.68	7.48
26 05 33 16-0314	EA	Device Mounting Plate (Wiremold 68B) Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	14.25	4.99
26 05 33 16-0315	EA	Device Mounting Plate (Wiremold 68MAAP) Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	14.57	4.99
26 05 33 16-0316	EA	20AMP Duplex Receptacles (Wiremold 68REC-25) Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	107.59	8.98
26 05 33 16-0317	EA	Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	18.00	4.99
26 05 33 16-0318	EA	Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	18.70	4.99
26 05 33 16-0319	EA	Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	19.19	4.99
26 05 33 16-0320	EA	Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	30.20	9.98
26 05 33 16-0321	EA	Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	34.93	12.47
26 05 33 16-0322	EA	Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	38.12	12.47
26 05 33 16-0323	EA	Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	29.12	9.98
26 05 33 16-0324	EA	Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	18.58	4.99
26 05 33 16-0325	EA	Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	18.58	4.99
26 05 33 16-0326	EA	Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	19.49	4.99
26 05 33 16-0327	EA	Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	20.11	4.99
26 05 33 16-0328		Evolution 8AT Poke Thru Units *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0329	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	804.28	39.90
26 05 33 16-0330	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	766.10	39.90
26 05 33 16-0331	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8AT2P) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	812.92	39.90
26 05 33 16-0332	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	758.92	39.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0333	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	752.11	39.90
26 05 33 16-0334	EA	Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	458.50	37.41
26 05 33 16-0335	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	512.28	37.41
26 05 33 16-0336	EA	8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	133.11	19.95
26 05 33 16-0337	EA	Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	266.17	9.98
26 05 33 16-0338	EA	Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	266.17	9.98
26 05 33 16-0339	EA	Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	46.37	2.49
26 05 33 16-0340	EA	Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	16.41	4.99
26 05 33 16-0341	EA	Device Mounting Plate (Wiremold 8DP) Note: Singlegang device plate that accepts standard 20A duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	16.49	4.99
26 05 33 16-0342	EA	Device Mounting Plate (Wiremold 8DEC) Note: Singlegang device plate that will accept Decorator style devices such as 20A receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	16.59	4.99
26 05 33 16-0343	EA	Device Mounting Plate (Wiremold 8ACT6A) Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	18.97	4.99
26 05 33 16-0344	EA	Mosaic Mounting Plate (Wiremold 8MOS) Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	22.65	4.99
26 05 33 16-0345	EA	Crestron Double Gang Plate (Wiremold 8CREST) Note: Device plate accepts Crestron double-gang decorator style devices.	22.61	4.99
26 05 33 16-0346	EA	Device Mounting Plate (Wiremold 8S1) Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	15.96	4.99
26 05 33 16-0347	EA	Device Mounting Plate (Wiremold 8S2) Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	16.14	4.99
26 05 33 16-0348	EA	Device Mounting Plate (Wiremold 8TRAC) Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	15.96	4.99
26 05 33 16-0349	EA	Device Mounting Plate (Wiremold 8SER) Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	15.96	4.99
26 05 33 16-0350	EA	Device Mounting Plate (Wiremold 8MAAP) Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	22.32	4.99
26 05 33 16-0351	EA	Device Mounting Plate (Wiremold 8AAP) Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	18.87	4.99
26 05 33 16-0352	EA	8" Divider (Wiremold 8DIV) Note: Divider allows for separation of services when required.	21.51	4.99
26 05 33 16-0353	EA	Bottom Housing Assembly (Wiremold 22CHA) Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	30.20	9.98

26 05 33 23 Surface Raceways For Electrical Systems *(26 05 33)*

26 05 33 23-0001 Raceways *(26 05 33 23)*

26 05 33 23-0002 Wireway With Screw Cover *(26 05 33 23-0001)*

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0004	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	21.52	4.56
		For Combination Hinged Screw Cover, Add	*0.62*	
		For Concrete Or Masonry Surface, Add	*0.46*	
26 05 33 23-0005	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	18.18	6.83
		For Combination Hinged Screw Cover, Add	*0.23*	
26 05 33 23-0006	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	21.56	8.53
		For Combination Hinged Screw Cover, Add	*0.23*	
26 05 33 23-0007	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	45.11	15.95
		For Combination Hinged Screw Cover, Add	*0.66*	
26 05 33 23-0008	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	71.37	15.95
		For Combination Hinged Screw Cover, Add	*1.97*	
26 05 33 23-0009	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	105.59	22.71
		For Combination Hinged Screw Cover, Add	*3.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0010	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	118.49	25.07
		For Combination Hinged Screw Cover, Add	*3.42*	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0012	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	26.36	5.74
		For Combination Hinged Screw Cover, Add	*0.75*	
		For Concrete Or Masonry Surface, Add	*0.57*	
26 05 33 23-0013	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	46.74	5.74
		For Combination Hinged Screw Cover, Add	*1.77*	
		For Concrete Or Masonry Surface, Add	*0.57*	
26 05 33 23-0014	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	14.72	5.01
		For Combination Hinged Screw Cover, Add	*0.23*	
26 05 33 23-0015	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	23.84	9.57
		For Combination Hinged Screw Cover, Add	*0.23*	
26 05 33 23-0016	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	53.36	19.51
		For Combination Hinged Screw Cover, Add	*0.71*	
26 05 33 23-0017	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	82.23	19.51
		For Combination Hinged Screw Cover, Add	*2.16*	
26 05 33 23-0018	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	116.15	25.35
		For Combination Hinged Screw Cover, Add	*3.27*	
26 05 33 23-0019	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	134.24	29.63
		For Combination Hinged Screw Cover, Add	*3.75*	

26 05 33 23-0020 6" x 6", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0021	LF	6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover	39.20	6.83
		For Combination Hinged Screw Cover, Add	*1.27*	
		For Concrete Or Masonry Surface, Add	*0.69*	
26 05 33 23-0022	LF	6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover	74.93	6.83
		For Combination Hinged Screw Cover, Add	*3.06*	
		For Concrete Or Masonry Surface, Add	*0.69*	
26 05 33 23-0023	EA	6" x 6", End Plate For Surface Mounted Wireway With Screw Cover	18.49	5.47
		For Combination Hinged Screw Cover, Add	*0.38*	
26 05 33 23-0024	EA	6" x 6", Coupling For Surface Mounted Wireway With Screw Cover	30.35	11.39
		For Combination Hinged Screw Cover, Add	*0.38*	
26 05 33 23-0025	EA	6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover	74.67	22.71
		For Combination Hinged Screw Cover, Add	*1.47*	
26 05 33 23-0026	EA	6" x 6", Elbow For Surface Mounted Wireway With Screw Cover	105.16	22.71
		For Combination Hinged Screw Cover, Add	*2.99*	
26 05 33 23-0027	EA	6" x 6", Tee For Surface Mounted Wireway With Screw Cover	164.19	28.36
		For Combination Hinged Screw Cover, Add	*5.38*	
26 05 33 23-0028	EA	6" x 6", Cross For Surface Mounted Wireway With Screw Cover	178.27	32.83
		For Combination Hinged Screw Cover, Add	*5.63*	

26 05 33 23-0029 8" x 8", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0030	LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover	62.71	7.48
		For Combination Hinged Screw Cover, Add	*2.39*	
		For Concrete Or Masonry Surface, Add	*0.75*	
26 05 33 23-0031	LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover	113.59	7.48
		For Combination Hinged Screw Cover, Add	*4.93*	
		For Concrete Or Masonry Surface, Add	*0.75*	
26 05 33 23-0032	EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover	20.35	5.92
		For Combination Hinged Screw Cover, Add	*0.42*	
26 05 33 23-0033	EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover	33.11	12.31
		For Combination Hinged Screw Cover, Add	*0.42*	
26 05 33 23-0034	EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover	83.29	24.98
		For Combination Hinged Screw Cover, Add	*1.67*	
26 05 33 23-0035	EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover	132.82	24.98
		For Combination Hinged Screw Cover, Add	*4.14*	
26 05 33 23-0036	EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover	196.97	30.83
		For Combination Hinged Screw Cover, Add	*6.77*	
26 05 33 23-0037	EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover	274.15	37.39
		For Combination Hinged Screw Cover, Add	*9.97*	

26 05 33 23-0038 10" x 10", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0039	LF	10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover	90.74	8.66
		For Combination Hinged Screw Cover, Add	*3.67*	
		For Concrete Or Masonry Surface, Add	*0.87*	
26 05 33 23-0040	LF	10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover	159.59	8.66
		For Combination Hinged Screw Cover, Add	*7.11*	
		For Concrete Or Masonry Surface, Add	*0.87*	
26 05 33 23-0041	EA	10" x 10", End Plate For Surface Mounted Wireway With Screw Cover	28.27	6.83
		For Combination Hinged Screw Cover, Add	*0.73*	
26 05 33 23-0042	EA	10" x 10", Coupling For Surface Mounted Wireway With Screw Cover	41.95	13.68
		For Combination Hinged Screw Cover, Add	*0.73*	
26 05 33 23-0043	EA	10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover	110.18	27.18
		For Combination Hinged Screw Cover, Add	*2.79*	
26 05 33 23-0044	EA	10" x 10", Elbow For Surface Mounted Wireway With Screw Cover	208.43	27.18
		For Combination Hinged Screw Cover, Add	*7.70*	
26 05 33 23-0045	EA	10" x 10", Tee For Surface Mounted Wireway With Screw Cover	314.21	34.29
		For Combination Hinged Screw Cover, Add	*12.28*	
26 05 33 23-0046	EA	10" x 10", Cross For Surface Mounted Wireway With Screw Cover	446.72	38.75
		For Combination Hinged Screw Cover, Add	*18.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0047		12" x 12", Wireway With Screw Cover *(26 05 33 23-0002)*		
26 05 33 23-0048	LF	12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover	106.59	10.48
		For Combination Hinged Screw Cover, Add	*4.28*	
		For Concrete Or Masonry Surface, Add	*1.05*	
26 05 33 23-0049	LF	12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover	175.78	10.48
		For Combination Hinged Screw Cover, Add	*7.74*	
		For Concrete Or Masonry Surface, Add	*1.05*	
26 05 33 23-0050	EA	12" x 12", End Plate For Surface Mounted Wireway With Screw Cover	36.89	7.30
		For Combination Hinged Screw Cover, Add	*1.12*	
26 05 33 23-0051	EA	12" x 12", Coupling For Surface Mounted Wireway With Screw Cover	51.48	14.59
		For Combination Hinged Screw Cover, Add	*1.12*	
26 05 33 23-0052	EA	12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover	143.60	29.63
		For Combination Hinged Screw Cover, Add	*4.22*	
26 05 33 23-0053	EA	12" x 12", Elbow For Surface Mounted Wireway With Screw Cover	273.72	29.63
		For Combination Hinged Screw Cover, Add	*10.72*	
26 05 33 23-0054	EA	12" x 12", Tee For Surface Mounted Wireway With Screw Cover	352.74	36.48
		For Combination Hinged Screw Cover, Add	*13.99*	
26 05 33 23-0055	EA	12" x 12", Cross For Surface Mounted Wireway With Screw Cover	571.94	41.04
		For Combination Hinged Screw Cover, Add	*24.49*	
26 05 33 23-0056		Surface Metal Raceways *(26 05 33 23-0001)*		
		Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
26 05 33 23-0057		One Piece Surface Metal Raceways *(26 05 33 23-0056)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
26 05 33 23-0058		3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) *(26 05 33 23-0057)*		
		Note: Available in ivory.		
26 05 33 23-0059	LF	3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500)	3.93	1.36
		For Concrete Or Masonry Surface, Add	*0.14*	
26 05 33 23-0060	EA	Bushing (Wiremold #502)	3.94	1.82
26 05 33 23-0061	EA	One Or Two Hole Strap (Wiremold #504)	3.97	1.82
26 05 33 23-0062	EA	Connection Cover (Wiremold #506)	4.11	1.82
26 05 33 23-0063	EA	Flat 90 Degree Elbow (Wiremold #511)	6.14	2.18
26 05 33 23-0064	EA	Flat 45 Degree Elbow (Wiremold #512)	9.94	2.28
26 05 33 23-0065	EA	Adjustable Internal Elbow (Wiremold #517)	7.64	2.74
26 05 33 23-0066	EA	Adjustable External Elbow (Wiremold #518)	7.48	2.74
26 05 33 23-0067		3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) *(26 05 33 23-0057)*		
		Note: Available in ivory and white.		
26 05 33 23-0068	LF	3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700)	4.98	1.82
		For Concrete Or Masonry Surface, Add	*0.18*	
26 05 33 23-0069	EA	Bushing (Wiremold #702	4.03	1.82
26 05 33 23-0070	EA	One Or Two Hole Strap (Wiremold #704)	4.15	1.82
26 05 33 23-0071	EA	Connection Cover (Wiremold #706)	4.17	1.82
26 05 33 23-0072	EA	Flat 90 Degree Elbow (Wiremold #711)	9.12	3.65
26 05 33 23-0073	EA	Flat 45 Degree Elbow (Wiremold #712)	13.96	3.65
26 05 33 23-0074	EA	Adjustable Internal Elbow (Wiremold #717)	9.78	3.65
26 05 33 23-0075	EA	Adjustable External Elbow (Wiremold #718)	9.48	3.65
26 05 33 23-0076		One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) *(26 05 33 23-0057)*		
		Note: Available in ivory.		
26 05 33 23-0077	EA	18" Flex Fitting, For #500 Or 700 (Wiremold #5700F)	25.69	2.74
26 05 33 23-0078	EA	Galvanized Coupling For #500 Or 700 (Wiremold #5701)	4.12	1.82
26 05 33 23-0079	EA	Supporting Clip, For #500 Or 700 (Wiremold #5703)	4.12	1.82
26 05 33 23-0080	EA	Ground Clamp (Wiremold #5709)	11.49	2.74
26 05 33 23-0081	EA	Grounding Connector (Wiremold #5709GC)	9.78	2.74
26 05 33 23-0082	EA	L Or R (Left Or Right) Twisted Internal Ell (Wiremold #5711)	11.21	3.65
26 05 33 23-0083	EA	Tee (Wiremold #5715)	12.69	4.56
26 05 33 23-0084	EA	2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719)	21.29	3.65
26 05 33 23-0085	EA	Utility Box For #500 Or #700 (Wiremold #57242)	16.54	3.65
26 05 33 23-0086	EA	2-3/8" Diameter, Blank Cover (Wiremold #5731)	8.95	2.28
26 05 33 23-0087	EA	3" Diameter, Outlet Box (Wiremold #5733)	20.31	3.65
26 05 33 23-0088	EA	4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735)	20.23	3.65
26 05 33 23-0089	EA	4-3/8" Blank Cover (Wiremold #5736)	9.45	2.28
26 05 33 23-0090	EA	4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737)	18.45	3.65
26 05 33 23-0091	EA	5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A)	17.82	3.65
26 05 33 23-0092	EA	4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738)	17.97	3.65
26 05 33 23-0093	EA	5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A)	17.97	3.65
26 05 33 23-0094	EA	5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF)	20.23	3.65
26 05 33 23-0095	EA	6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739)	20.00	3.65
26 05 33 23-0096	EA	6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A)	21.30	3.65
26 05 33 23-0097	EA	Standard Switch Box For #500, Or #700 (Wiremold #57240)	24.34	5.92
26 05 33 23-0098	EA	Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G)	38.86	11.39
26 05 33 23-0099	EA	2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741)	18.63	5.92
26 05 33 23-0100	EA	1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744)	28.91	5.92
26 05 33 23-0101	EA	2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2)	32.99	5.92
26 05 33 23-0102	EA	3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3)	49.58	5.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0103	EA	1 Gang, Signal Box (Wiremold #5744S)	26.13	5.01
26 05 33 23-0104	EA	2 Gang, Signal Box (Wiremold #5744S-2)	29.07	5.01
26 05 33 23-0105	EA	3 Gang, Signal Box (Wiremold #5744S-3)	46.12	5.01
26 05 33 23-0106	EA	4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745)	19.41	5.92
26 05 33 23-0107	EA	4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747)	17.19	5.92
26 05 33 23-0108	EA	4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2)	23.78	5.92
26 05 33 23-0109	EA	4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3)	45.34	5.92
26 05 33 23-0110	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748)	18.30	5.92
26 05 33 23-0111	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2)	25.11	5.92
26 05 33 23-0112	EA	4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3)	44.10	5.92
26 05 33 23-0113	EA	4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4)	64.98	5.92
26 05 33 23-0114	EA	4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5)	106.51	5.92
26 05 33 23-0115	EA	4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6)	108.37	5.92
26 05 33 23-0116	EA	4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S)	18.09	5.92
26 05 33 23-0117	EA	4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751)	17.62	5.92
26 05 33 23-0118	EA	4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2)	23.11	5.92
26 05 33 23-0119	EA	4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3)	44.51	5.92
26 05 33 23-0120	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A)	18.96	5.92
26 05 33 23-0121	EA	4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752)	24.26	5.92
26 05 33 23-0122	EA	4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753)	34.53	5.92
26 05 33 23-0123	EA	Blank Extension Box (Wiremold #5760)	12.03	2.28
26 05 33 23-0124	EA	1/2" Special Nipple (Wiremold #5780)	11.48	2.28
26 05 33 23-0125	EA	1/2" Box Connector (Wiremold #5781)	7.76	2.28
26 05 33 23-0126	EA	3/4" Box Connector (Wiremold #5781A)	14.38	2.74
26 05 33 23-0127	EA	1/2" Conduit Connector (Wiremold #5782)	7.83	2.28
26 05 33 23-0128	EA	3/4" Conduit Connector (Wiremold #5782A)	17.91	2.74
26 05 33 23-0129	EA	1/2" Elbow Conduit Connector (Wiremold #5784)	16.09	2.74
26 05 33 23-0130	EA	Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785)	9.14	2.74
26 05 33 23-0131	EA	Offset Connector (Wiremold #5786)	14.97	2.74
26 05 33 23-0132	EA	Armor Cable Connector (Wiremold #5790B)	7.94	2.28
26 05 33 23-0133	EA	1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791)	7.00	1.82

26 05 33 23-0134 1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) *(26 05 33 23-0057)*

Note: Galvanized finish.

26 05 33 23-0135	LF	1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10)	7.12	2.28
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0136	EA	Wire Clip (Wiremold #1500WC)	4.50	1.82
26 05 33 23-0137	EA	Bushing (Wiremold #1502)	5.35	2.28
26 05 33 23-0138	EA	2-Hole Strap (Wiremold #1504)	6.07	2.74
26 05 33 23-0139	EA	Flat Elbow (Wiremold #1511)	23.19	8.66
26 05 33 23-0140	EA	Internal Elbow (Wiremold #1517)	23.92	8.66
26 05 33 23-0141	EA	Adapter Fitting (Wiremold #1517B)	25.61	8.66
26 05 33 23-0142	EA	External Elbow (Wiremold #1518)	25.47	8.66
26 05 33 23-0143	EA	Utility Box (Wiremold #1528)	22.70	5.92
26 05 33 23-0144	EA	Junction Box (Wiremold #1542D)	23.38	5.92
26 05 33 23-0145	EA	Duplex Receptacle (Wiremold #1543GL)	45.79	11.39
26 05 33 23-0146	EA	Single Receptacle Box (Wiremold #1546A)	24.05	5.92
26 05 33 23-0147	EA	Duplex Receptacle Box (Wiremold #1546B)	29.21	5.92
26 05 33 23-0148	EA	Telephone Box (Wiremold #1546T)	28.67	5.92
26 05 33 23-0149	EA	Combination Connection (Wiremold #1585)	13.83	2.74

26 05 33 23-0150 2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) *(26 05 33 23-0057)*

Note: Galvanized finish.

26 05 33 23-0151	LF	2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10)	11.65	4.11
		For Concrete Or Masonry Surface, Add	*0.41*	
26 05 33 23-0152	EA	Wire Clip (Wiremold #2600WC)	4.48	1.82
26 05 33 23-0153	EA	Fiber Bushing (Wiremold #2602)	4.94	1.82
26 05 33 23-0154	EA	2-5/8", 90 Degree Flat Elbow (Wiremold #2611)	16.68	3.19
26 05 33 23-0155	EA	5" Diameter, Junction Box (Wiremold #2642D)	24.91	4.56
26 05 33 23-0156	EA	Service Fitting (Wiremold #2686FO)	24.72	5.47

26 05 33 23-0157 Two Piece Surface Metal Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).

26 05 33 23-0158 1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) *(26 05 33 23-0157)*

26 05 33 23-0159	LF	1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC)	6.83	2.28
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0160	EA	Wire Clip (Wiremold #2000WC)	3.32	1.82
26 05 33 23-0161	EA	Coupling (Wiremold #2001)	8.94	2.28
26 05 33 23-0162	EA	Supporting Clip (Wiremold #2003)	4.22	1.36
26 05 33 23-0163	EA	Cover Clip (Wiremold #2006)	3.93	1.36
26 05 33 23-0164	EA	Ground Clamp (Wiremold #2009)	9.97	2.28
26 05 33 23-0165	EA	Entrance End Fitting (Wiremold #2010A2)	20.14	6.83
26 05 33 23-0166	EA	Entrance End Fitting (Wiremold #2010A3)	33.96	9.12
26 05 33 23-0167	EA	Blank End Fitting (Wiremold #2010B)	5.43	2.28
26 05 33 23-0168	EA	Flat 90 Degree Elbow (Wiremold #2011)	17.34	5.92
26 05 33 23-0169	EA	Tee (Wiremold #2015)	31.38	8.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0170	EA	Internal Corner Coupling (Wiremold #2017TC)	11.24	4.56
26 05 33 23-0171	EA	Single Gang device Box (Wiremold #2048)	26.09	8.12
26 05 33 23-0172	EA	#2048-2 2-Gang device Box	40.45	9.03
26 05 33 23-0173	EA	#2051H Flush Plate Adapter	28.31	9.03
26 05 33 23-0174	EA	#2089 Side Reducing Connector	22.81	4.56
26 05 33 23-0175	EA	#2089E End Reducing Connector	9.48	2.28
26 05 33 23-0176		1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0177	LF	#2400B, 1-7/8" x 7/8" Two Piece Surface Metal Raceway Base	5.78	2.28
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0178	LF	#2400BD, 1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base	6.26	2.28
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0179	LF	#2400C Raceway Cover	2.15	0.46
26 05 33 23-0180	EA	#2400WC Wire Clip	3.27	1.82
26 05 33 23-0181	EA	#2401 Coupling	8.81	2.28
26 05 33 23-0182	EA	#2401D Divided Raceway Coupling	6.89	2.28
26 05 33 23-0183	EA	#2406 Cover Clip	3.85	1.36
26 05 33 23-0184	EA	#2407-2CM Device Bracket Frame	27.54	6.83
26 05 33 23-0185	EA	#2407-2TJ Device Bracket Frame	26.47	6.83
26 05 33 23-0186	EA	#2409 Ground Clamp	7.07	1.82
26 05 33 23-0187	EA	#2410A End Fitting	18.85	6.83
26 05 33 23-0188	EA	#2410B Blank End	5.39	2.28
26 05 33 23-0189	EA	#2410BD Divided Blank End Fitting	5.45	2.28
26 05 33 23-0190	EA	#2410C Entrance End Fitting	27.42	6.83
26 05 33 23-0191	EA	#2410D Divided Entrance End Fitting	26.39	6.83
26 05 33 23-0192	EA	#2410DFO Divided Entrance End Fitting	41.75	6.83
26 05 33 23-0193	EA	#2410FC Full Cap Entrance End Fitting	32.54	6.83
26 05 33 23-0194	EA	#2411D Divided Flat 90 Degree Elbow	20.86	6.83
26 05 33 23-0195	EA	#2411DFO Radiused Divided Flat 90 Degree Elbow	31.99	6.83
26 05 33 23-0196	EA	#2411FO Radiused Flat 90 Degree Elbow	28.88	6.74
26 05 33 23-0197	EA	#2411M Flat 90 Degree Elbow	19.99	6.83
26 05 33 23-0198	EA	#2415DFO Radiused Divided Tee	34.13	6.74
26 05 33 23-0199	EA	#2415FO Radiused Tee	32.57	6.74
26 05 33 23-0200	EA	#2415M Tee	23.25	6.74
26 05 33 23-0201	EA	#2417D Divided Internal Coupling	19.79	6.74
26 05 33 23-0202	EA	#2417DFO Radiused Divided Internal Coupling	29.74	6.74
26 05 33 23-0203	EA	#2417FO Radiused Internal Coupling	28.93	6.74
26 05 33 23-0204	EA	#2418DFO Radiused Divided External Coupling	32.13	6.74
26 05 33 23-0205	EA	#2418FO Radiused External Coupling	31.65	6.74
26 05 33 23-0206	EA	#2417M Internal Coupling	19.24	6.74
26 05 33 23-0207	EA	#2418M External Coupling	22.90	6.74
26 05 33 23-0208	EA	#2444 Extra Deep Switch And Receptacle, 1 Gang	29.14	5.92
26 05 33 23-0209	EA	#2444-2 Extra Deep Switch And Receptacle Box, 2 Gang	32.14	5.92
26 05 33 23-0210	EA	#2444-2LS Over Raceway Extra Deep Switch And Receptacle Box, 2 Gang	32.29	5.92
26 05 33 23-0211	EA	#2444D Divided Extra Deep Switch And Receptacle, 1 Gang	31.02	5.92
26 05 33 23-0212	EA	#2444D-2A Divided Extra Deep Switch And Receptacle Box, 2 Gang	42.97	5.92
26 05 33 23-0213	EA	#2444D-2N Divided Over Raceway Extra Deep Switch And Receptacle Box, 2 Gang	38.06	5.92
26 05 33 23-0214	EA	#2448 Switch And Receptacle Box For Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4"	21.00	5.92
26 05 33 23-0215	EA	#2448-2 Switch And Receptacle Box For Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/4"	31.47	5.92
26 05 33 23-0216	EA	#2450 Adapter Plate, Device Bracket Type	9.82	2.28
26 05 33 23-0217	EA	#2451H 4-1/2" x 4-1/2" Back Feed Fitting	23.74	6.83
26 05 33 23-0218	EA	#2475D Bridge Fitting 2400/700/500	66.21	6.83
26 05 33 23-0219	EA	#2489 Side Reducing Connector	19.83	3.65
26 05 33 23-0220		2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0221	LF	#3000B, 2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base	11.55	4.11
		For Concrete Or Masonry Surface, Add	*0.41*	
26 05 33 23-0222	LF	#3000CE Raceway Cover	2.65	0.46
26 05 33 23-0223	EA	#3000WC Wire Clips For Conductors	4.38	1.82
26 05 33 23-0224	EA	#3001 Couplings	11.42	1.82
26 05 33 23-0225	EA	#3001A Rigid Inside Coupling	10.97	2.28
26 05 33 23-0226	EA	#3003 Supporting Clip	8.21	2.28
26 05 33 23-0227	EA	#3006E Clip Cover	4.80	1.82
26 05 33 23-0228	EA	#3007C Device Brackets	12.24	3.65
26 05 33 23-0229	EA	#3008C C-Hanger	12.00	2.74
26 05 33 23-0230	EA	#3010AE Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors	28.39	8.66
26 05 33 23-0231	EA	#3010B Blank End Fittings	10.48	3.65
26 05 33 23-0232	EA	#3010C Entrance End Fitting For Connecting To Rigid Or Flexible Conduit	31.27	8.66
26 05 33 23-0233	EA	#3011E Flat 90 Degree Elbow	46.67	11.30
26 05 33 23-0234	EA	#3014C Wall Box Connector	33.91	11.39
26 05 33 23-0235	EA	#3015E Tee Fitting	63.89	14.13
26 05 33 23-0236	EA	#3017TCE Internal Corner Coupling	30.59	8.66
26 05 33 23-0237	EA	#3018AE External Corner	37.36	8.66
26 05 33 23-0238	EA	#3027AE Single Receptacle Cover, With Face Diameters Of 1.38"-1.4"	27.13	8.66
26 05 33 23-0239	EA	#3028 Utility Box	44.85	8.66
26 05 33 23-0240	EA	#3033JE Single Receptacle Cover, With Face Diameters Of 1.56"-1.57"	14.38	2.28
26 05 33 23-0241	EA	#3036HE Blank Cover	15.69	2.28
26 05 33 23-0242	EA	#3040CE Switch Cover	14.35	2.28
26 05 33 23-0243	EA	#3043BE Duplex Receptacle Cover	14.11	2.74
26 05 33 23-0244	EA	#3043GE 15 Amp, 125 Volt Duplex Grounding Receptacle And Cover	39.54	11.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0245	EA	#3044-2 Extra Deep Switch And Receptacle Box, 2 Gang	50.31	8.66
26 05 33 23-0246	EA	#3046BE Duplex Receptacle Cover	14.53	2.74
26 05 33 23-0247	EA	#3046H-2 Tap Off Fitting	13.64	2.28
26 05 33 23-0248	EA	#3046KD Circuit Breaker Housing, 1-15/16" Deep x 6" Long	52.05	5.47
26 05 33 23-0249	EA	#3046KTSQ Circuit Breaker Housing, 2-3/4" Deep x 7-3/8" Long	123.13	5.47
26 05 33 23-0250	EA	#3046QOU Circuit Breaker Housing, 1-13/16" Deep x 7-3/8" Long	45.67	5.47
26 05 33 23-0251	EA	#3046S Bump Up Device Plate Cover, 1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide	49.20	5.47
26 05 33 23-0252	EA	#3046U Bump Up Device Plate Cover, 1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide	49.20	5.47
26 05 33 23-0253	EA	#3048R Rectangular Receptacle Cover	16.14	2.74

26 05 33 23-0254 4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0255	LF	#4000B-10, 4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base	13.92	4.11
		For Concrete Or Masonry Surface, Add	*0.44*	
26 05 33 23-0256	LF	#4000C Raceway Cover	4.76	0.46
26 05 33 23-0257	LF	#4000D Divider	2.36	0.46
26 05 33 23-0258	EA	#4000WC Wire Clips For Conductors	5.27	2.28
26 05 33 23-0259	EA	#4001A Couplings	13.81	2.74
26 05 33 23-0260	EA	#4001D Divider Clip	6.68	2.74
26 05 33 23-0261	EA	#4006 Seam Clip	6.78	2.74
26 05 33 23-0262	EA	#4007C-1 Device Plate, 1 Gang	61.46	5.92
26 05 33 23-0263	EA	#4007C-1R Single Device Fitting	65.06	5.92
26 05 33 23-0264	EA	#4007C-2 Device Plate, 2 Gang	69.31	5.92
26 05 33 23-0265	EA	#4010B Blank End Fittings	14.53	3.65
26 05 33 23-0266	EA	#4010DFO Entrance End Fitting	55.78	14.04
26 05 33 23-0267	EA	#4011 Flat 90 Degree Elbow	51.52	11.39
26 05 33 23-0268	EA	#4011FO Radiused Flat 90 Degree Elbow	60.43	11.39
26 05 33 23-0269	EA	#4012TX Internal Or External 45 Degree Elbow	56.46	14.13
26 05 33 23-0270	EA	#4014A Wall Box Connector	74.28	14.13
26 05 33 23-0271	EA	#4015 Tee Fitting	82.10	14.13
26 05 33 23-0272	EA	#4015D Divided Tee Fitting	85.24	14.13
26 05 33 23-0273	EA	#4015DFO Radiused Full Capacity Divided Tee Fitting	101.23	14.13
26 05 33 23-0274	EA	#4015FO Radiused Tee Fitting	101.54	14.13
26 05 33 23-0275	EA	#4017 Internal Elbow	46.43	14.13
26 05 33 23-0276	EA	#4017FO Internal Elbow	80.72	14.13
26 05 33 23-0277	EA	#4017N Inverted Internal Elbow	51.14	14.13
26 05 33 23-0278	EA	#4017TCA Internal Corner Coupling	43.94	14.13
26 05 33 23-0279	EA	#4018 External Elbow	67.85	14.13
26 05 33 23-0280	EA	#4018FO Radiused External Elbow	78.27	14.13
26 05 33 23-0281	EA	#4046ARJ Single Locking Receptacle And Two RJ11/45 Modulaular Connectors Outlet Cover	64.98	5.92
26 05 33 23-0282	EA	#4046B-2 Double Duplex Receptacle Outlet Cover	68.83	5.92
26 05 33 23-0283	EA	#4046DRJ Duplex Receptacle And Two RJ11/45 Modular Connector Cover	68.83	5.92
26 05 33 23-0284	EA	#4046DRJ-2 Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover	91.62	5.92
26 05 33 23-0285	EA	#4046H-2 Tap-Off Fitting	20.18	5.92
26 05 33 23-0286	EA	#4046JRJ Combination Single Receptacle And Phone Outlet Center	58.59	2.74
26 05 33 23-0287	EA	#4046RRJ Rectangular Receptacle And Two RJ11/45 Modular Connector Cover	70.43	5.92
26 05 33 23-0288	EA	#4050 Device Mounting Bracket	22.28	4.56
26 05 33 23-0289	EA	#4074A Take-off Connector, #4000 To #3000	102.74	14.13
26 05 33 23-0290	EA	#4075D Bridge Fitting	92.86	14.13
26 05 33 23-0291	EA	#4075DA Bridge Fitting	92.86	14.13
26 05 33 23-0292	EA	#4086A Panel Connector	77.82	26.90
26 05 33 23-0293	EA	#4089 Reducing Connector Fitting	47.41	14.13

26 05 33 23-0294 4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0295	LF	#6000B-10, 4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base	20.33	5.01
		For Concrete Or Masonry Surface, Add	*0.50*	
26 05 33 23-0296	LF	#6000C Raceway Cover	5.80	1.36
26 05 33 23-0297	LF	#6000DA Divider	6.06	1.36
26 05 33 23-0298	EA	#6000WC Wire Clips For Conductors	6.15	2.28
26 05 33 23-0299	EA	#6001A Couplings	17.20	4.56
26 05 33 23-0300	EA	#6001D Divider Clip	7.92	2.28
26 05 33 23-0301	EA	#6001TX Converter Coupling	21.89	5.92
26 05 33 23-0302	EA	#6006 Connection Cover	20.82	5.92
26 05 33 23-0303	EA	#6007C-1 Single Gang Device Plate	21.80	5.92
26 05 33 23-0304	EA	#6007C-2 Two Gang Device Plate	23.78	5.92
26 05 33 23-0305	EA	#6008A C-Hanger	34.57	8.66
26 05 33 23-0306	EA	#6010B Blank End Fittings	37.90	13.68
26 05 33 23-0307	EA	#6011TX Combination Flat Elbow	69.40	13.68
26 05 33 23-0308	EA	#6012TX Internal - External 45 Degree Elbow	70.47	13.13
26 05 33 23-0309	EA	#6014A Connector Fitting	99.87	14.13
26 05 33 23-0310	EA	#6017TX Combination Internal-External Elbow	72.08	15.50
26 05 33 23-0311	EA	#6046KD Circuit Breaker Housing	123.91	15.50
26 05 33 23-0312	EA	#6074 Take-off Connector, #6000 To #6000	119.39	13.68
26 05 33 23-0313	EA	#6074A Take-off Connector, #6000 To #4000	129.01	13.68
26 05 33 23-0314	EA	#6086 Panel Connector	81.59	31.74

26 05 33 23-0315 Two Piece Surface Aluminum Raceways *(26 05 33 23-0056)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0316		1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) *(26 05 33 23-0315)*		
26 05 33 23-0317	LF	#AL2000B, 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base	9.03	2.28
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0318	LF	#AL2000C Aluminum Raceway Cover	4.45	0.46
26 05 33 23-0319	EA	#AL2000WC Wire Clip	4.40	1.82
26 05 33 23-0320	EA	#AL2001 Coupling	9.78	2.28
26 05 33 23-0321	EA	#AL2003 Supporting Clip	4.75	1.36
26 05 33 23-0322	EA	#AL2006 Cover Clip	6.00	1.36
26 05 33 23-0323	EA	#AL2009 Ground Clamp	8.61	2.28
26 05 33 23-0324	EA	#AL2010A Entrance End Fitting	24.07	6.83
26 05 33 23-0325	EA	#AL2010B Blank End Fitting	7.80	2.28
26 05 33 23-0326	EA	#AL2011 Flat 90 Degree Elbow	27.78	5.92
26 05 33 23-0327	EA	#AL2015 Tee	37.71	8.57
26 05 33 23-0328	EA	#AL2017 Internal Corner Elbow	25.08	4.56
26 05 33 23-0329	EA	#AL2018 External Corner Elbow	25.03	4.56
26 05 33 23-0330	EA	#AL2043 In-Line Receptacle, Two 15 Amp	41.05	9.03
26 05 33 23-0331	EA	#AL2038 4-13/16" Round Fixture Box	94.21	8.12
26 05 33 23-0332	EA	#AL2044 4-1/2" x 3" x 2-1/4" D Box	42.20	8.12
26 05 33 23-0333	EA	#AL2044-2 4-5/8" x 4-7/8" x 2-1/2" D Box	86.86	9.03
26 05 33 23-0334	EA	#AL2047 Single Gang Shallow Device Box	43.68	8.12
26 05 33 23-0335	EA	#AL2047-2 2-Gang Shallow Device Box	76.86	9.03
26 05 33 23-0336	EA	#AL2051H Flush Plate Adapter	33.29	9.03
26 05 33 23-0337		2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400) *(26 05 33 23-0315)*		
26 05 33 23-0338	LF	#AL2400B, 2" x 1-9/32" Two Piece Surface Aluminum Raceway Base	9.17	2.28
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0339	LF	#AL2400C Aluminum Raceway Cover	3.97	0.46
26 05 33 23-0340	EA	#AL2400WC Wire Clip	5.43	1.82
26 05 33 23-0341	EA	#AL2401 Coupling	10.76	2.28
26 05 33 23-0342	EA	#AL2406 Cover Clip	6.91	1.36
26 05 33 23-0343	EA	#AL2409 Ground Clamp	6.14	1.82
26 05 33 23-0344	EA	#AL2410B Blank End	7.92	2.28
26 05 33 23-0345	EA	#AL2410B2 End Fitting	17.74	6.83
26 05 33 23-0346	EA	#AL2411 Flat 90 Degree Elbow	30.18	6.83
26 05 33 23-0347	EA	#AL2415 Tee	32.65	6.74
26 05 33 23-0348	EA	#AL2416 Fourway Fitting	37.89	6.74
26 05 33 23-0349	EA	#AL2417 Internal Coupling	30.07	6.74
26 05 33 23-0350	EA	#AL2418 External Coupling	32.17	6.74
26 05 33 23-0351	EA	#AL2451H 4-1/2" x 4-1/2" Back Feed Fitting	27.20	6.83
26 05 33 23-0352		2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) *(26 05 33 23-0315)*		
26 05 33 23-0353	LF	#AL3300B, 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base	15.81	4.11
		For Concrete Or Masonry Surface, Add	*0.41*	
26 05 33 23-0354	LF	#AL3300CE Aluminum Raceway Cover	4.36	0.46
26 05 33 23-0355	LF	#AL3300D Raceway Divider	3.63	4.11
26 05 33 23-0356	EA	#AL3300WC Wire Clips For Conductors	7.28	1.82
26 05 33 23-0357	EA	#AL3301 Couplings	13.87	1.82
26 05 33 23-0358	EA	#AL3301D Divider Coupling	11.10	2.28
26 05 33 23-0359	EA	#AL3309 Ground Clamp	7.57	1.82
26 05 33 23-0360	EA	#AL3310B Blank End Fittings	15.71	3.65
26 05 33 23-0361	EA	#AL3310B1 End Fitting	26.59	8.66
26 05 33 23-0362	EA	#AL3311 Flat 90 Degree Elbow Note: Includes two (2) AL3301 couplings.	74.94	11.30
26 05 33 23-0363	EA	#AL3315 Tee Fitting Note: Includes three (3) AL3301 couplings.	86.42	14.13
26 05 33 23-0364	EA	#AL3316 Cross Fitting Note: Includes four (4) AL3301 couplings.	97.01	14.13
26 05 33 23-0365	EA	#AL3317 Internal Elbow Note: Includes two (2) AL3301 couplings.	69.47	8.66
26 05 33 23-0366	EA	#AL3318 External Elbow Note: Includes two (2) AL3301 couplings.	69.54	8.66
26 05 33 23-0367	EA	#AL3346D Duplex Receptacle Cover	15.73	2.74
26 05 33 23-0368	EA	#AL3346E Single Receptacle Cover	15.64	2.74
26 05 33 23-0369	EA	#AL3346G GFCI/Surge Receptacle Cover	15.48	2.74
26 05 33 23-0370	EA	#AL3356R Single Device Cover Plate	15.32	2.28
26 05 33 23-0371		5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) *(26 05 33 23-0315)*		
26 05 33 23-0372	LF	#AL5200B-10, 5" x 2" Two Piece Surface Aluminum Raceway Base	20.37	4.11
		For Concrete Or Masonry Surface, Add	*0.44*	
26 05 33 23-0373	LF	#AL5200C Aluminum Raceway Cover	8.18	0.46
26 05 33 23-0374	LF	#AL5200D Divider	4.82	0.46
26 05 33 23-0375	EA	#AL5200WC Wire Clips For Conductors	6.72	2.28
26 05 33 23-0376	EA	#AL5200WC2 Wire Clips For Conductors	5.69	2.28
26 05 33 23-0377	EA	#AL5200WC3 Wire Clips For Conductors	5.66	2.28
26 05 33 23-0378	EA	#AL5201 Couplings	13.46	2.74
26 05 33 23-0379	EA	#AL5206 Cover Clip	11.72	2.74
26 05 33 23-0380	EA	#AL5209 Ground Adapter	14.76	2.74
26 05 33 23-0381	EA	#AL5210B Blank End Fittings	15.42	3.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0382	EA	#AL5210B1 Blank End Fittings	16.49	3.65
26 05 33 23-0383	EA	#AL5210B2 Blank End Fittings	16.73	3.65
26 05 33 23-0384	EA	#AL5210B3 Blank End Fittings	16.24	3.65
26 05 33 23-0385	EA	#AL5211 Flat 90 Degree Elbow	83.06	11.39
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0386	EA	#AL5214 Wall Box Connector	66.52	14.13
26 05 33 23-0387	EA	#AL5215 Tee Fitting	97.37	14.13
		Note: Includes three (3) pairs of AL5201 couplings.		
26 05 33 23-0388	EA	#AL5216 Four Way Fitting	106.51	14.13
		Note: Includes four (4) pairs of AL5201 couplings.		
26 05 33 23-0389	EA	#AL5217 Internal Elbow	86.75	14.13
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0390	EA	#AL5217A Internal Corner Coupling	38.67	14.13
26 05 33 23-0391	EA	#AL5217N Inverted Internal Elbow	89.07	14.13
26 05 33 23-0392	EA	#AL5218 External Elbow	87.47	14.13
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0393	EA	#AL5246B Blank Device Cover Plate	18.68	2.74
26 05 33 23-0394	EA	#AL5246D Receptacle Device Cover Plate	22.03	2.74
26 05 33 23-0395	EA	#AL5246DD Double Receptacle Device Cover Plate	26.02	2.74
26 05 33 23-0396	EA	#AL5246F Device Cover Plate	24.44	2.74
26 05 33 23-0397	EA	#AL5246G Device Cover Plate	22.62	2.74
26 05 33 23-0398	EA	#AL5260 Offset Divider	21.66	5.92

26 05 33 23-0399 3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800)

(26 05 33 23-0315)

26 05 33 23-0400	LF	#ALA3800B-10 Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base	18.25	4.11
26 05 33 23-0401	EA	#ALA3806 Cover Clip	8.86	2.74
26 05 33 23-0402	EA	#ALA3810B Blank End Fittings	15.30	3.65
26 05 33 23-0403	EA	#ALA3810B1 Entrance End Cap Fittings	16.37	3.65
26 05 33 23-0404	EA	#ALA3811 Flat 90 Degree Elbow	82.26	11.39
		Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0405	EA	#ALA3815 Flat Tee Fitting	85.40	14.13
		Note: Includes three (3) ALA01 couplings.		
26 05 33 23-0406	EA	#ALA3817 Internal Elbow	83.35	14.13
		Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0407	EA	#ALA3817N Inverted Internal Elbow	97.55	14.13
		Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0408	EA	#ALA3818 External Elbow	84.40	14.13
		Note: Includes two (2) ALA01 couplings.		

26 05 33 23-0409 6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)

(26 05 33 23-0315)

26 05 33 23-0410	LF	#ALA4800B-10 Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base	26.60	4.11
26 05 33 23-0411	EA	#ALA4806 Cover Clip	11.78	2.74
26 05 33 23-0412	EA	#ALA4810B Blank End Fittings	15.46	3.65
26 05 33 23-0413	EA	#ALA4810B2 Entrance End Cap Fittings	17.07	3.65
26 05 33 23-0414	EA	#ALA4811 Flat 90 Degree Elbow	96.52	11.39
		Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0415	EA	#ALA4815 Flat Tee Fitting	131.61	14.13
		Note: Includes six (6) ALA01 couplings.		
26 05 33 23-0416	EA	#ALA4817 Internal Elbow	90.40	14.13
		Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0417	EA	#ALA4817N Inverted Internal Elbow	105.59	14.13
		Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0418	EA	#ALA4818 External Elbow	94.68	14.13
		Note: Includes four (4) ALA01 couplings.		

26 05 33 23-0419 Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800) *(26 05 33 23-0315)*

26 05 33 23-0420	LF	#ALAC-5 3" Wide Aluminum Raceway Cover	5.72	0.46
		Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.		
26 05 33 23-0421	EA	#ALAWC Wire Clips	5.35	2.28
26 05 33 23-0422	EA	#ALA01 Slide Couplings	13.61	2.74
26 05 33 23-0423	EA	#ALA09 Grounding Adapter	11.82	2.74
26 05 33 23-0424	EA	#ALA11RI Bend Radius Control Insert For Flat Elbow	32.24	11.39
26 05 33 23-0425	EA	#ALA17A Internal Corner Coupling	38.65	14.13
26 05 33 23-0426	EA	#ALA17/18RI Bend Radius Control Insert For Internal And External Elbow	35.45	11.39
26 05 33 23-0427	EA	#ALA-BL Blank Cover Plate	14.10	2.74
26 05 33 23-0428	EA	#ALA-DR Duplex Receptacle Cover Plate	14.98	2.74
26 05 33 23-0429	EA	#ALA-E Single Receptacle Cover Plate, 1.40" Diameter Opening	15.56	2.74
26 05 33 23-0430	EA	#ALA-F Single Receptacle Cover Plate, 1.59" Diameter Opening	16.23	2.74
26 05 33 23-0431	EA	#ALA-G GFCI/Surge/Decorator Cover Plate	15.10	2.74
26 05 33 23-0432	EA	#ALA-J Single Receptacle Cover Plate, 2.13" Diameter Opening	15.57	2.74
26 05 33 23-0433	EA	#ALA-N Toggle Switch Cover Plate	15.95	2.74
26 05 33 23-0434	EA	#ALA-LPB Active LPB Cover Plate	20.20	2.74
26 05 33 23-0435	EA	#ALA-MAB Active MAB Cover Plate	19.04	2.74
26 05 33 23-0436	EA	#ALA-MABRT Ortronics Cover Plate	21.81	2.74
26 05 33 23-0437	EA	#ALA-SG 1-3/4" x 2-3/4" Cover Plate	15.54	2.74
26 05 33 23-0438	EA	#ALA-2A Active 2A Cover Plate	21.10	2.74
26 05 33 23-0439	EA	#ALA-ABRT Ortronics Communications Cover Plate	19.39	2.74
26 05 33 23-0440	EA	#ALA-Z 3/4" Grommet/Mousehole Cover Plate	15.92	2.74
26 05 33 23-0441	EA	#ALA-LPB3S2 Ortronics Low Profile Cover Plate	19.55	2.74

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0442		Surface Non-Metallic Raceways *(26 05 33 23-0001)* Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
26 05 33 23-0443		One Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)* Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation. (Wiremold or approved equal).		
26 05 33 23-0444		#400, 7/8" x 7/16" *(26 05 33 23-0443)*		
26 05 33 23-0445	LF	#400BAC, 7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover	5.21	1.82
		For Concrete Or Masonry Surface, Add	*0.18*	
26 05 33 23-0446	EA	#400WC Wire Clip	3.98	1.82
26 05 33 23-0447	EA	#406 Cover Clip	4.19	1.82
26 05 33 23-0448	EA	#410B Blank End Clip	8.07	3.65
26 05 33 23-0449	EA	#411 Flat 90 Degree Elbow	9.37	3.65
26 05 33 23-0450	EA	#415 Tee	11.79	4.56
26 05 33 23-0451	EA	#417 Internal Elbow	9.21	3.65
26 05 33 23-0452	EA	#418 External Elbow	9.21	3.65
26 05 33 23-0453		#800, 1-5/16" x 7/16" *(26 05 33 23-0443)*		
26 05 33 23-0454	LF	#800BAC, 1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover	6.03	1.82
		For Concrete Or Masonry Surface, Add	*0.18*	
26 05 33 23-0455	EA	#800WC Wire Clip	4.05	1.82
26 05 33 23-0456	EA	#806 Cover Clip	4.13	1.82
26 05 33 23-0457	EA	#810A2 Entrance End Fitting	12.59	3.65
26 05 33 23-0458	EA	#810B Blank End Fitting	8.16	3.65
26 05 33 23-0459	EA	#811 Flat 90 Degree Elbow	9.44	3.65
26 05 33 23-0460	EA	#815 Tee	11.86	4.56
26 05 33 23-0461	EA	#817 Internal Elbow	9.26	3.65
26 05 33 23-0462	EA	#818 External Elbow	9.26	3.65
26 05 33 23-0463	EA	#889A End Reducer, #800 To #400	10.46	3.65
26 05 33 23-0464		#2300, 2-1/4" x 11/16" *(26 05 33 23-0443)*		
26 05 33 23-0465	LF	#2300BAC, 2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover	6.97	1.82
		For Concrete Or Masonry Surface, Add	*0.18*	
26 05 33 23-0466	LF	#2300BACD, 2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover	7.42	1.82
		For Concrete Or Masonry Surface, Add	*0.18*	
26 05 33 23-0467	EA	#2300WC Wire Clip	4.25	1.82
26 05 33 23-0468	EA	#2306 Cover Clip	4.48	1.82
26 05 33 23-0469	EA	#2310A Entrance End Fitting	13.70	3.65
26 05 33 23-0470	EA	#2310B Blank End Fitting	8.60	3.65
26 05 33 23-0471	EA	#2310DFO Divided Entrance End Fitting	15.45	3.65
26 05 33 23-0472	EA	#2311 Flat 90 Degree Elbow	9.63	3.65
26 05 33 23-0473	EA	#2311DFO Divided Flat 90 Degree Elbow	10.36	3.65
26 05 33 23-0474	EA	#2315 Tee	11.96	4.56
26 05 33 23-0475	EA	#2317 Internal Elbow	9.63	3.65
26 05 33 23-0476	EA	#2317DFO Divided Internal Elbow	10.38	3.65
26 05 33 23-0477	EA	#2318 External Elbow	9.65	3.65
26 05 33 23-0478	EA	#2318DFO Divided External Elbow	10.51	3.65
26 05 33 23-0479	EA	#2389 End Reducer, #2300 To #400	10.52	3.65
26 05 33 23-0480	EA	#2389A End Reducer, #2300 To #800	10.99	3.65
26 05 33 23-0481		#400, #800 Or #2300 Fittings *(26 05 33 23-0443)*		
26 05 33 23-0482	EA	#2336 Blank Cover, 4-1/2" Diameter	11.76	3.19
26 05 33 23-0483	EA	#2337A Extension Box, 5-1/2" Diameter	19.40	3.65
26 05 33 23-0484	EA	#2338-A Fixture Box, 5-1/2" Diameter	19.51	3.65
26 05 33 23-0485	EA	#2344 Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide	17.58	3.65
26 05 33 23-0486	EA	#2344-2 Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide	20.42	3.65
26 05 33 23-0487	EA	#2344D Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide	19.18	3.65
26 05 33 23-0488	EA	#2344SD-2A Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide	20.86	3.65
26 05 33 23-0489	EA	#2347 1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide	17.39	5.92
26 05 33 23-0490	EA	#2347-2 2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide	19.88	5.92
26 05 33 23-0491	EA	#2348 1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide	18.12	5.92
26 05 33 23-0492	EA	#2348-2 2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide	21.88	5.92
26 05 33 23-0493	EA	#2348-3 3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide	26.24	5.92
26 05 33 23-0494	EA	#2348AMP 1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide	24.86	5.92
26 05 33 23-0495	EA	#2348D 1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide	22.48	5.92
26 05 33 23-0496	EA	#2348S/51 Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide	17.02	5.92
26 05 33 23-0497		#2700, 3/4" x 3/8" *(26 05 33 23-0443)*		
26 05 33 23-0498	LF	#2700, 3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover	4.90	1.82
		For Concrete Or Masonry Surface, Add	*0.18*	
26 05 33 23-0499	EA	#2700WC 3/4" Wire Clip	2.09	0.91
26 05 33 23-0500	EA	#2706 Cover Clip	3.15	0.91
26 05 33 23-0501	EA	#2710B Blank End	4.97	1.82
26 05 33 23-0502	EA	#2711 Flat 90 Degree Elbow	5.91	2.28
26 05 33 23-0503	EA	#2715 Tee	9.57	4.11
26 05 33 23-0504	EA	#2717 Internal Elbow	6.82	2.74
26 05 33 23-0505	EA	#2718 External Elbow	6.81	2.74
26 05 33 23-0506	EA	#2786 Drop Ceiling Connector	8.04	3.19

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0507		**#2800, 1" x 1/2"** *(26 05 33 23-0443)*		
26 05 33 23-0508	LF	#2800, 1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover	6.31	2.28
		For Concrete Or Masonry Surface, Add	*0.23*	
26 05 33 23-0509	EA	#2800WC 1" Wire Clip	3.12	1.36
26 05 33 23-0510	EA	#2806 Cover Clip	4.16	1.36
26 05 33 23-0511	EA	#2810B Blank End	5.98	2.28
26 05 33 23-0512	EA	#2811 Flat 90 Degree Elbow	7.87	3.19
26 05 33 23-0513	EA	#2811FO Radiused Flat 90 Degree Elbow	8.38	3.19
26 05 33 23-0514	EA	#2815 Tee	11.52	5.01
26 05 33 23-0515	EA	#2817 Internal Elbow	8.76	3.65
26 05 33 23-0516	EA	#2818 External Elbow	8.79	3.65
26 05 33 23-0517	EA	#2815FO Radiused Tee	12.21	5.01
26 05 33 23-0518	EA	#2817FO Radiused Internal Elbow	9.39	3.65
26 05 33 23-0519	EA	#2818FO Radiused External Elbow	9.30	3.65
26 05 33 23-0520	EA	#2886 Drop Ceiling Connector	9.89	4.11
26 05 33 23-0521	EA	#2889 2800-2700 Reducer	8.91	3.65
26 05 33 23-0522		**#2900, 1-1/2" x 3/4"** *(26 05 33 23-0443)*		
26 05 33 23-0523	LF	#2900, 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover	7.68	2.74
		For Concrete Or Masonry Surface, Add	*0.27*	
26 05 33 23-0524	EA	#2900WC 1-1/2" Wire Clip	4.12	1.82
26 05 33 23-0525	EA	#2906 Cover Clip	5.18	1.82
26 05 33 23-0526	EA	#2910B Blank End	7.00	2.74
26 05 33 23-0527	EA	#2911 Flat 90 Degree Elbow	8.84	3.65
26 05 33 23-0528	EA	#2915 Tee	12.48	5.47
26 05 33 23-0529	EA	#2915FO Radiused Tee	13.31	5.47
26 05 33 23-0530	EA	#2911FO Radiused Flat 90 Degree Elbow	9.65	3.65
26 05 33 23-0531	EA	#2917 Internal Elbow	9.75	4.11
26 05 33 23-0532	EA	#2917FO Radiused Internal Elbow	10.59	4.11
26 05 33 23-0533	EA	#2918 External Elbow	9.74	4.11
26 05 33 23-0534	EA	#2918FO Radiused External Elbow	10.83	4.11
26 05 33 23-0535	EA	#2986 Drop Ceiling Connector	9.88	4.11
26 05 33 23-0536	EA	#2989 2900-2800 Reducer	10.98	4.56
26 05 33 23-0537	EA	#2989A 2900-2700 Reducer	10.70	4.56
26 05 33 23-0538		**Two Piece Surface Non-Metallic Raceways** *(26 05 33 23-0442)*		
		Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation. (Wiremold or approved equal).		
26 05 33 23-0539		**#5000, 5" x 1"** *(26 05 33 23-0538)*		
26 05 33 23-0540	LF	#5000B, 5" x 1" Two Piece Surface Non-Metallic Raceway Base	11.79	4.11
		For Concrete Or Masonry Surface, Add	*0.41*	
26 05 33 23-0541	LF	#5000C Cover, Black, Gray Or White	11.24	4.11
26 05 33 23-0542	LF	#5000COA Cover, Oak Veneer	20.53	4.11
26 05 33 23-0543	LF	#5000CW Cover, Maple Wood Veneer	16.86	4.11
26 05 33 23-0544	LF	#5000T Quarter Round Trim, Black, Gray Or White	1.57	0.46
26 05 33 23-0545	LF	#5000TOA Quarter Round Trim, Oak Veneer	6.23	0.46
26 05 33 23-0546	LF	#5000TW Quarter Round Trim, Maple Wood Veneer	3.89	0.46
26 05 33 23-0547	EA	#5001 Base Coupling	11.01	4.56
26 05 33 23-0548	EA	#5004 Blank/Coax Adapter	6.13	2.28
26 05 33 23-0549	EA	#5005 Low Voltage Blank Plate	8.12	2.74
26 05 33 23-0550	EA	#5006 Cover Clip	11.78	4.56
26 05 33 23-0551	EA	#5006A Internal Wire Guard	11.07	4.56
26 05 33 23-0552	EA	#5007C Device Bracket	12.53	4.56
26 05 33 23-0553	EA	#5007C-1 Device Plate	22.85	9.12
26 05 33 23-0554	EA	#5007C-2 Deep Device Plate	23.60	9.12
26 05 33 23-0555	EA	#5010 End Cap, Right Or Left	20.05	8.66
26 05 33 23-0556	EA	#5010A Entrance End Feed	38.37	14.13
26 05 33 23-0557	EA	#5017B Internal Base Elbow	26.94	11.39
26 05 33 23-0558	EA	#5017C Internal Cover Elbow	24.09	9.12
26 05 33 23-0559	EA	#5017WG Internal Elbow Wire Guard	16.61	6.83
26 05 33 23-0560	EA	#5018B External Base Elbow	26.89	11.39
26 05 33 23-0561	EA	#5018C External Cover Elbow	24.29	9.12
26 05 33 23-0562	EA	#5018WG External Elbow Wire Guard	10.88	4.56
26 05 33 23-0563		**#5400, 5-1/4" x 1-11/16"** *(26 05 33 23-0538)*		
26 05 33 23-0564	LF	#5400TB Two Compartment, 5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceway Base	12.86	4.11
		For Concrete Or Masonry Surface, Add	*0.41*	
26 05 33 23-0565	LF	#5400C Full Width Cover	4.32	0.46
26 05 33 23-0566	LF	#5400TC Twin Snap Cover	2.80	0.46
26 05 33 23-0567	EA	#5400TWC Twin Snap Cover Wire Clips	5.06	2.28
26 05 33 23-0568	EA	#5406A Cover Clip	8.36	2.74
26 05 33 23-0569	EA	#5406T Twin Cover Clip	7.11	2.74
26 05 33 23-0570	EA	#5406TB Base Seam Clip	6.40	2.74
26 05 33 23-0571	EA	#5408 L Or R (Left Or Right) Transition Fitting	47.45	14.13
26 05 33 23-0572	EA	#5410 End Cap	23.50	8.66
26 05 33 23-0573	EA	#5410DFO Radiused Divided Entrance Cap Fitting	45.62	14.13
26 05 33 23-0574	EA	#5411FO Radiused Flat 90 Degree Elbow	41.41	11.39
26 05 33 23-0575	EA	#5415 Tee Fitting	47.90	14.13
26 05 33 23-0576	EA	#5415FO Radiused Tee Fitting	50.06	14.13
26 05 33 23-0577	EA	#5417FO Radiused Internal Elbow	39.98	14.13
26 05 33 23-0578	EA	#5418 External Elbow	40.52	14.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0579	EA	#5418FO Radiused External Elbow	41.02	14.13
26 05 33 23-0580	EA	#5450 5-5/32" x 6" Device Bracket	19.02	4.56
26 05 33 23-0581	EA	#5450A3 7-19/32" x 7-1/2" Device Bracket	24.91	4.56
26 05 33 23-0582	EA	#5450T 2-1/2" x 4-7/8" Twin Snap Device Bracket	14.67	4.56
26 05 33 23-0583	EA	#5474 Transition Fitting	42.03	14.13

26 05 33 23-0584 #5500, 6-11/16" x 1-11/16" *(26 05 33 23-0538)*

26 05 33 23-0585	LF	#5500BD3 Three Compartment Divided, 6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceway Base	15.95	4.11
		For Concrete Or Masonry Surface, Add	*0.41*	
26 05 33 23-0586	LF	#5500C Cover	5.66	0.46
26 05 33 23-0587	EA	#5500WC Wire Clips	5.84	2.28
26 05 33 23-0588	EA	#5506 Cover Clip	9.36	2.74
26 05 33 23-0589	EA	#5506B Base Seam Clip Fitting	6.73	2.74
26 05 33 23-0590	EA	#5507AD Modular Furniture Adapter	8.75	2.74
26 05 33 23-0591	EA	#5507B Blank Faceplate	8.78	2.74
26 05 33 23-0592	EA	#5507D Duplex Receptacle Faceplate	8.82	2.74
26 05 33 23-0593	EA	#5507FRJ Dual RJ Connector Faceplate	8.82	2.74
26 05 33 23-0594	EA	#5507R Rectangular Receptacle Faceplate	8.74	2.74
26 05 33 23-0595	EA	#5507RJ Dual RJ Connector Faceplate	8.76	2.74
26 05 33 23-0596	EA	#5507S Rectangular Spacer Fitting	8.69	2.74
26 05 33 23-0597	EA	#5507SW Switch Faceplate	8.71	2.74
26 05 33 23-0598	EA	#5507T1 Twistlock Faceplate	8.78	2.74
26 05 33 23-0599	EA	#5507T2 Single Receptacle Faceplate	8.60	2.74
26 05 33 23-0600	EA	#5550 6-5/8" x 6" Device Bracket	22.64	4.56
26 05 33 23-0601	EA	#5550A4 9-5/8" x 7-1/2" Device Bracket	30.24	4.56
26 05 33 23-0602	EA	#5510 End Cap	25.41	8.66
26 05 33 23-0603	EA	#5510D Entrance End Fitting	51.73	14.13
26 05 33 23-0604	EA	#5511FO Radiused Flat 90 Degree Elbow	47.03	11.39
26 05 33 23-0605	EA	#5514A Backfeed Connector	38.06	11.39
26 05 33 23-0606	EA	#5515 Tee Fitting	54.29	14.13
26 05 33 23-0607	EA	#5517FO Radiused Internal Elbow	43.88	14.13
26 05 33 23-0608	EA	#5518 External Elbow	44.92	14.13
26 05 33 23-0609	EA	#5518FO Radiused External Elbow	47.11	14.13
26 05 33 23-0610	EA	#5574 Transition Fitting	42.83	14.13
26 05 33 23-0611	EA	#5574A Transition Fitting	57.04	14.13

26 05 36 Cable Trays For Electrical Systems *(26 05)*

26 05 36 00-0001 Cable Trays *(26 05 36)*

Note: Excludes supporting hangers.

26 05 36 00-0002 Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0001)*

26 05 36 00-0003 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0002)*

26 05 36 00-0004 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	31.39	9.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.34*	
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	33.88	10.28
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.53*	
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.02	11.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.78*	
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.09	11.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.13*	
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.95	12.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.48*	
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	54.62	14.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.29*	
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	61.35	16.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.80*	

26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	29.68	9.38
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.18*	
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	32.07	9.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.37*	
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	34.26	10.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.52*	
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.48	11.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.80*	
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	40.31	11.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.05*	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	47.32	13.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.59*	
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	51.72	14.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.92*	

26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0021		LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	28.63	9.28
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.09*	
26 05 36 00-0022		LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	29.51	9.58
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.15*	
26 05 36 00-0023		LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	32.41	10.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.40*	
26 05 36 00-0024		LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	35.42	10.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.65*	
26 05 36 00-0025		LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.26	10.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.91*	
26 05 36 00-0026		LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.70	11.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.18*	
26 05 36 00-0027		LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.82	12.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.40*	

26 05 36 00-0028 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0029		LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	27.76	8.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.04*	
26 05 36 00-0030		LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	28.33	9.08
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.08*	
26 05 36 00-0031		LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	30.00	9.58
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.20*	
26 05 36 00-0032		LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	31.77	10.08
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.34*	
26 05 36 00-0033		LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	33.00	10.08
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.46*	
26 05 36 00-0034		LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.41	10.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.74*	
26 05 36 00-0035		LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	38.35	11.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.89*	

26 05 36 00-0036 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*

26 05 36 00-0037		LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	27.37	8.68
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.01*	
26 05 36 00-0038		LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	27.85	8.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.04*	
26 05 36 00-0039		LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	29.51	9.38
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.17*	
26 05 36 00-0040		LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	30.99	9.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.28*	
26 05 36 00-0041		LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	31.48	9.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.33*	
26 05 36 00-0042		LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	33.46	10.57
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.46*	
26 05 36 00-0043		LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	34.93	11.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.56*	

26 05 36 00-0044 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0045 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0046		EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	250.00	100.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.67*	
26 05 36 00-0047		EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	279.84	113.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.49*	
26 05 36 00-0048		EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	307.75	125.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.28*	
26 05 36 00-0049		EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	384.29	154.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.56*	
26 05 36 00-0050		EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	438.27	177.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.05*	
26 05 36 00-0051		EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	520.26	199.50
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.40*	
26 05 36 00-0052		EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	599.53	228.03
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.95*	

26 05 36 00-0053 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0054		EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	345.31	104.04
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.86*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0055		EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	376.52	119.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.69*	
26 05 36 00-0056		EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	405.46	132.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.46*	
26 05 36 00-0057		EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	473.58	165.19
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.60*	
26 05 36 00-0058		EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	532.18	191.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.25*	
26 05 36 00-0059		EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	593.86	217.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.26*	
26 05 36 00-0060		EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	694.85	251.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.49*	

26 05 36 00-0061 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0062		EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.64	108.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.10*	
26 05 36 00-0063		EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	410.72	125.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.59*	
26 05 36 00-0064		EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.05	140.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.76*	
26 05 36 00-0065		EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	536.11	177.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.84*	
26 05 36 00-0066		EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	611.28	208.09
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.79*	
26 05 36 00-0067		EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	716.33	239.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.68*	
26 05 36 00-0068		EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	815.18	281.30
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.08*	

26 05 36 00-0069 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0070		EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	185.61	72.51
			For 60 Degree Bend, Deduct	*-33.46*	
			For 30 Degree Bend, Deduct	*-59.80*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.52*	
26 05 36 00-0071		EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	212.33	86.98
			For 60 Degree Bend, Deduct	*-36.74*	
			For 30 Degree Bend, Deduct	*-66.07*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.99*	
26 05 36 00-0072		EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	236.33	99.76
			For 60 Degree Bend, Deduct	*-39.75*	
			For 30 Degree Bend, Deduct	*-71.79*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.32*	
26 05 36 00-0073		EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	284.13	126.08
			For 60 Degree Bend, Deduct	*-45.44*	
			For 30 Degree Bend, Deduct	*-82.74*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.91*	
26 05 36 00-0074		EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	352.56	154.42
			For 60 Degree Bend, Deduct	*-57.15*	
			For 30 Degree Bend, Deduct	*-103.83*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.39*	
26 05 36 00-0075		EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	417.11	177.26
			For 60 Degree Bend, Deduct	*-69.69*	
			For 30 Degree Bend, Deduct	*-126.00*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.94*	
26 05 36 00-0076		EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	473.77	208.09
			For 60 Degree Bend, Deduct	*-76.57*	
			For 30 Degree Bend, Deduct	*-139.18*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.04*	

26 05 36 00-0077 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0078	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	206.61	74.81
		For 60 Degree Bend, Deduct	*-39.52*	
		For 30 Degree Bend, Deduct	*-70.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.43*	
26 05 36 00-0079	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	237.59	90.18
		For 60 Degree Bend, Deduct	*-43.83*	
		For 30 Degree Bend, Deduct	*-78.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.24*	
26 05 36 00-0080	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	271.38	104.14
		For 60 Degree Bend, Deduct	*-49.64*	
		For 30 Degree Bend, Deduct	*-88.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.46*	
26 05 36 00-0081	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	322.16	132.97
		For 60 Degree Bend, Deduct	*-55.33*	
		For 30 Degree Bend, Deduct	*-99.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.13*	
26 05 36 00-0082	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	396.89	165.19
		For 60 Degree Bend, Deduct	*-67.67*	
		For 30 Degree Bend, Deduct	*-121.95*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.93*	
26 05 36 00-0083	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	464.74	191.63
		For 60 Degree Bend, Deduct	*-79.93*	
		For 30 Degree Bend, Deduct	*-143.85*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.51*	
26 05 36 00-0084	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	546.75	228.13
		For 60 Degree Bend, Deduct	*-92.99*	
		For 30 Degree Bend, Deduct	*-167.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.67*	

26 05 36 00-0085 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0086	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	246.29	77.20
		For 60 Degree Bend, Deduct	*-51.70*	
		For 30 Degree Bend, Deduct	*-90.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.20*	
26 05 36 00-0087	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	280.54	93.76
		For 60 Degree Bend, Deduct	*-56.64*	
		For 30 Degree Bend, Deduct	*-99.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.24*	
26 05 36 00-0088	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	308.30	108.83
		For 60 Degree Bend, Deduct	*-60.02*	
		For 30 Degree Bend, Deduct	*-106.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.76*	
26 05 36 00-0089	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	372.33	140.85
		For 60 Degree Bend, Deduct	*-68.86*	
		For 30 Degree Bend, Deduct	*-122.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.49*	
26 05 36 00-0090	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	440.91	177.26
		For 60 Degree Bend, Deduct	*-77.54*	
		For 30 Degree Bend, Deduct	*-139.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.32*	
26 05 36 00-0091	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	534.59	208.09
		For 60 Degree Bend, Deduct	*-96.64*	
		For 30 Degree Bend, Deduct	*-172.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.12*	
26 05 36 00-0092	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	628.74	251.87
		For 60 Degree Bend, Deduct	*-110.92*	
		For 30 Degree Bend, Deduct	*-198.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.88*	

26 05 36 00-0093 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0094	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.96	99.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.58*	
26 05 36 00-0095	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	295.00	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.00*	
26 05 36 00-0096	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.52	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0097	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	370.69	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.20*	
26 05 36 00-0098	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	413.52	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.58*	
26 05 36 00-0099	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	460.01	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.38*	
26 05 36 00-0100	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	511.80	227.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.20*	

26 05 36 00-0101 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0102	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.63	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.19*	
26 05 36 00-0103	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	348.25	119.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.85*	
26 05 36 00-0104	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	376.32	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.55*	
26 05 36 00-0105	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	438.17	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.05*	
26 05 36 00-0106	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	490.48	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.08*	
26 05 36 00-0107	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	543.09	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.19*	
26 05 36 00-0108	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	622.88	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.30*	

26 05 36 00-0109 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0110	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	377.21	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.66*	
26 05 36 00-0111	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	412.96	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.80*	
26 05 36 00-0112	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	440.23	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.28*	
26 05 36 00-0113	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	517.41	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.97*	
26 05 36 00-0114	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	571.14	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.77*	
26 05 36 00-0115	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	654.00	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.45*	
26 05 36 00-0116	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	740.29	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.59*	

26 05 36 00-0117 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0118	EA	6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.82	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.42*	
26 05 36 00-0119	EA	9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	523.64	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.02*	
26 05 36 00-0120	EA	12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	549.09	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.79*	
26 05 36 00-0121	EA	18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	612.63	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.31*	
26 05 36 00-0122	EA	24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	693.40	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.19*	
26 05 36 00-0123	EA	30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	769.21	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.44*	
26 05 36 00-0124	EA	36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	870.59	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.47*	

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0125				24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0126		EA		6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	604.67	208.09
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.13*	
26 05 36 00-0127		EA		9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	650.26	228.13
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.02*	
26 05 36 00-0128		EA		12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	678.93	239.41
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.94*	
26 05 36 00-0129		EA		18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	744.97	265.73
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.35*	
26 05 36 00-0130		EA		24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	827.80	299.26
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.84*	
26 05 36 00-0131		EA		30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	890.24	319.00
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.44*	
26 05 36 00-0132		EA		36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,073.41	368.59
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.63*	
26 05 36 00-0133				36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0134		EA		6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	765.67	228.13
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.56*	
26 05 36 00-0135		EA		9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	820.08	251.87
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.02*	
26 05 36 00-0136		EA		12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	870.20	265.73
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.87*	
26 05 36 00-0137		EA		18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	957.94	299.26
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.86*	
26 05 36 00-0138		EA		24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,087.48	341.65
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.28*	
26 05 36 00-0139		EA		30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,179.00	368.59
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.19*	
26 05 36 00-0140		EA		36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,331.46	434.92
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.90*	
26 05 36 00-0141				12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0142		EA		6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	575.40	177.26
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.77*	
26 05 36 00-0143		EA		9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	589.51	184.24
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.60*	
26 05 36 00-0144		EA		12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	604.14	191.63
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.45*	
26 05 36 00-0145		EA		18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	636.59	208.09
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.32*	
26 05 36 00-0146		EA		24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	657.13	217.45
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.59*	
26 05 36 00-0147		EA		30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	713.31	239.41
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.38*	
26 05 36 00-0148		EA		36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	769.53	265.73
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.81*	
26 05 36 00-0149				24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0150		EA		6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	825.14	191.63
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.55*	
26 05 36 00-0151		EA		9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	845.72	199.50
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0152	EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	867.41	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.40*	
26 05 36 00-0153	EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	915.46	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.54*	
26 05 36 00-0154	EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	949.04	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.95*	
26 05 36 00-0155	EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,007.71	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.62*	
26 05 36 00-0156	EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,088.09	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.87*	

26 05 36 00-0157 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0158	EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,292.22	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.88*	
26 05 36 00-0159	EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,320.13	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.89*	
26 05 36 00-0160	EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,350.08	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.00*	
26 05 36 00-0161	EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,402.04	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.21*	
26 05 36 00-0162	EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,437.43	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.60*	
26 05 36 00-0163	EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,530.08	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.07*	
26 05 36 00-0164	EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,612.96	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.83*	

26 05 36 00-0165 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0166	EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	602.81	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.33*	
26 05 36 00-0167	EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	633.46	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.35*	
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	676.22	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.48*	
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	725.02	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.02*	
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	816.57	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.07*	
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	910.68	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.60*	
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	994.84	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.77*	

26 05 36 00-0173 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	838.28	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.68*	
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	877.26	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.24*	
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	918.66	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.93*	
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	978.64	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.28*	
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,090.60	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.35*	
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,173.30	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,314.27	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.18*	

26 05 36 00-0181 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,051.25	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.19*	
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,108.78	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.29*	
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,170.97	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.63*	
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,277.22	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.01*	
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,461.60	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.91*	
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,594.79	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.64*	
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,746.91	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.32*	

26 05 36 00-0189 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	694.52	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.50*	
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	729.74	251.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.98*	
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	781.11	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.97*	
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	840.10	281.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.52*	
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	944.75	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.89*	
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,064.53	341.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.97*	
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,165.36	368.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.86*	

26 05 36 00-0197 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0198	EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,016.18	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.47*	
26 05 36 00-0199	EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,060.69	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.59*	
26 05 36 00-0200	EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,107.61	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.82*	
26 05 36 00-0201	EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,179.74	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.39*	
26 05 36 00-0202	EA	24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,304.97	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.79*	
26 05 36 00-0203	EA	30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,402.04	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.95*	
26 05 36 00-0204	EA	36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,579.46	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.70*	

26 05 36 00-0205 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0206	EA	6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,299.88	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0207	EA	9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,368.45	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.26*	
26 05 36 00-0208	EA	12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,441.69	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.70*	
26 05 36 00-0209	EA	18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,575.57	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.85*	
26 05 36 00-0210	EA	24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,793.10	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.06*	
26 05 36 00-0211	EA	30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,953.91	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-155.55*	
26 05 36 00-0212	EA	36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,133.65	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-168.99*	

26 05 36 00-0213 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0214 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0215	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	238.10	100.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.48*	
26 05 36 00-0216	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	267.00	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.20*	
26 05 36 00-0217	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	293.78	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.88*	
26 05 36 00-0218	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	366.16	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.75*	
26 05 36 00-0219	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	417.87	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.01*	
26 05 36 00-0220	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	493.44	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.72*	
26 05 36 00-0221	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	568.17	228.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.82*	

26 05 36 00-0222 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0223	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	320.75	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.40*	
26 05 36 00-0224	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	351.21	119.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.15*	
26 05 36 00-0225	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	379.20	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.84*	
26 05 36 00-0226	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.25	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.76*	
26 05 36 00-0227	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.76	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.21*	
26 05 36 00-0228	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	560.80	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.96*	
26 05 36 00-0229	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	655.56	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.56*	

26 05 36 00-0230 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0231	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	344.44	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.38*	
26 05 36 00-0232	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	382.00	125.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.71*	
26 05 36 00-0233	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	415.02	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.76*	
26 05 36 00-0234	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.73	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0235	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	573.50	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.01*	
26 05 36 00-0236	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	671.00	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.15*	
26 05 36 00-0237	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	765.69	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.13*	

26 05 36 00-0238 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0239	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	176.35	72.51
		For 60 Degree Bend, Deduct	*-30.41*	
		For 30 Degree Bend, Deduct	*-54.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.59*	
26 05 36 00-0240	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	202.70	86.98
		For 60 Degree Bend, Deduct	*-33.56*	
		For 30 Degree Bend, Deduct	*-60.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.03*	
26 05 36 00-0241	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	226.32	99.76
		For 60 Degree Bend, Deduct	*-36.45*	
		For 30 Degree Bend, Deduct	*-66.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.32*	
26 05 36 00-0242	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	273.56	126.08
		For 60 Degree Bend, Deduct	*-41.95*	
		For 30 Degree Bend, Deduct	*-76.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.85*	
26 05 36 00-0243	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	338.96	154.42
		For 60 Degree Bend, Deduct	*-52.66*	
		For 30 Degree Bend, Deduct	*-96.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.03*	
26 05 36 00-0244	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.74	177.26
		For 60 Degree Bend, Deduct	*-63.96*	
		For 30 Degree Bend, Deduct	*-116.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.20*	
26 05 36 00-0245	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	455.64	208.09
		For 60 Degree Bend, Deduct	*-70.59*	
		For 30 Degree Bend, Deduct	*-129.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.22*	

26 05 36 00-0246 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0247	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	194.90	74.81
		For 60 Degree Bend, Deduct	*-35.65*	
		For 30 Degree Bend, Deduct	*-63.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.26*	
26 05 36 00-0248	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	225.12	90.18
		For 60 Degree Bend, Deduct	*-39.72*	
		For 30 Degree Bend, Deduct	*-71.20*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.00*	
26 05 36 00-0249	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	257.41	104.14
		For 60 Degree Bend, Deduct	*-45.03*	
		For 30 Degree Bend, Deduct	*-80.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.06*	
26 05 36 00-0250	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	307.80	132.97
		For 60 Degree Bend, Deduct	*-50.59*	
		For 30 Degree Bend, Deduct	*-91.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.70*	
26 05 36 00-0251	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	379.52	165.19
		For 60 Degree Bend, Deduct	*-61.93*	
		For 30 Degree Bend, Deduct	*-112.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.19*	
26 05 36 00-0252	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.97	191.63
		For 60 Degree Bend, Deduct	*-73.07*	
		For 30 Degree Bend, Deduct	*-132.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.43*	
26 05 36 00-0253	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	522.95	228.13
		For 60 Degree Bend, Deduct	*-85.14*	
		For 30 Degree Bend, Deduct	*-154.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0254		36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0255	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	229.48	77.20
		For 60 Degree Bend, Deduct	*-46.15*	
		For 30 Degree Bend, Deduct	*-81.20*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.52*	
26 05 36 00-0256	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	262.78	93.76
		For 60 Degree Bend, Deduct	*-50.78*	
		For 30 Degree Bend, Deduct	*-89.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.47*	
26 05 36 00-0257	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	290.17	108.83
		For 60 Degree Bend, Deduct	*-54.04*	
		For 30 Degree Bend, Deduct	*-96.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.95*	
26 05 36 00-0258	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	352.69	140.85
		For 60 Degree Bend, Deduct	*-62.38*	
		For 30 Degree Bend, Deduct	*-111.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.53*	
26 05 36 00-0259	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	420.14	177.26
		For 60 Degree Bend, Deduct	*-70.69*	
		For 30 Degree Bend, Deduct	*-127.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.24*	
26 05 36 00-0260	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	507.77	208.09
		For 60 Degree Bend, Deduct	*-87.79*	
		For 30 Degree Bend, Deduct	*-157.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.44*	
26 05 36 00-0261	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	598.89	251.87
		For 60 Degree Bend, Deduct	*-101.07*	
		For 30 Degree Bend, Deduct	*-182.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.90*	
26 05 36 00-0262		12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0263	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	260.74	99.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.76*	
26 05 36 00-0264	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	286.59	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.16*	
26 05 36 00-0265	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	309.83	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.49*	
26 05 36 00-0266	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	361.63	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.30*	
26 05 36 00-0267	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	404.08	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.63*	
26 05 36 00-0268	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	449.81	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.36*	
26 05 36 00-0269	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.22	227.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.14*	
26 05 36 00-0270		24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0271	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	307.01	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.03*	
26 05 36 00-0272	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	336.35	119.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.66*	
26 05 36 00-0273	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	363.95	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.31*	
26 05 36 00-0274	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	425.13	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.75*	
26 05 36 00-0275	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	476.78	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.71*	
26 05 36 00-0276	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	528.64	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.74*	
26 05 36 00-0277	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	606.64	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.67*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0278		36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0279	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	361.53	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.09*	
26 05 36 00-0280	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	396.72	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.18*	
26 05 36 00-0281	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	423.80	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.64*	
26 05 36 00-0282	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	499.66	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.19*	
26 05 36 00-0283	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	553.20	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.98*	
26 05 36 00-0284	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	633.60	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.41*	
26 05 36 00-0285	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	718.56	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.42*	
26 05 36 00-0286		12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0287	EA	6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	471.17	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.15*	
26 05 36 00-0288	EA	9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	510.04	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.66*	
26 05 36 00-0289	EA	12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	534.73	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.35*	
26 05 36 00-0290	EA	18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	596.20	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.67*	
26 05 36 00-0291	EA	24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	674.14	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.27*	
26 05 36 00-0292	EA	30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	746.17	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.14*	
26 05 36 00-0293	EA	36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	844.53	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.87*	
26 05 36 00-0294		24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0295	EA	6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	584.84	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.14*	
26 05 36 00-0296	EA	9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	629.48	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.94*	
26 05 36 00-0297	EA	12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	657.40	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.79*	
26 05 36 00-0298	EA	18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	721.74	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.03*	
26 05 36 00-0299	EA	24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	802.49	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.31*	
26 05 36 00-0300	EA	30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	862.66	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.68*	
26 05 36 00-0301	EA	36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,038.09	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.10*	
26 05 36 00-0302		36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0303	EA	6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	736.01	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.59*	
26 05 36 00-0304	EA	9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	789.29	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0305	EA	12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	837.34	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.59*	
26 05 36 00-0306	EA	18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	922.62	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.32*	
26 05 36 00-0307	EA	24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,047.62	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.29*	
26 05 36 00-0308	EA	30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,135.56	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.84*	
26 05 36 00-0309	EA	36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,284.80	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.23*	

26 05 36 00-0310 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0311	EA	6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	553.87	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.61*	
26 05 36 00-0312	EA	9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.78	184.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.42*	
26 05 36 00-0313	EA	12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	582.23	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.26*	
26 05 36 00-0314	EA	18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	614.30	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.09*	
26 05 36 00-0315	EA	24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	634.47	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.32*	
26 05 36 00-0316	EA	30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	689.13	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.96*	
26 05 36 00-0317	EA	36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	744.40	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.29*	

26 05 36 00-0318 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0319	EA	6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	786.23	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.66*	
26 05 36 00-0320	EA	9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	806.24	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.00*	
26 05 36 00-0321	EA	12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	827.37	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.40*	
26 05 36 00-0322	EA	18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	874.28	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.42*	
26 05 36 00-0323	EA	24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	906.73	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.72*	
26 05 36 00-0324	EA	30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	964.27	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.28*	
26 05 36 00-0325	EA	36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,042.75	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.34*	

26 05 36 00-0326 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0327	EA	6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,219.50	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.61*	
26 05 36 00-0328	EA	9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,246.46	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.52*	
26 05 36 00-0329	EA	12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,275.47	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.54*	
26 05 36 00-0330	EA	18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,326.49	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.66*	
26 05 36 00-0331	EA	24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,360.93	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.95*	
26 05 36 00-0332	EA	30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,450.75	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0333	EA	36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,532.68	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.80*	

26 05 36 00-0334 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0335	EA	6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	587.13	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.76*	
26 05 36 00-0336	EA	9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	617.03	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.71*	
26 05 36 00-0337	EA	12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	658.27	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.68*	
26 05 36 00-0338	EA	18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	705.37	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.06*	
26 05 36 00-0339	EA	24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	794.66	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.88*	
26 05 36 00-0340	EA	30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	884.42	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.97*	
26 05 36 00-0341	EA	36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	965.56	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.84*	

26 05 36 00-0342 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0343	EA	6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	807.87	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.64*	
26 05 36 00-0344	EA	9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	845.90	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.11*	
26 05 36 00-0345	EA	12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	886.36	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.70*	
26 05 36 00-0346	EA	18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	944.26	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.84*	
26 05 36 00-0347	EA	24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,053.96	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.68*	
26 05 36 00-0348	EA	30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,134.21	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.17*	
26 05 36 00-0349	EA	36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,268.93	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.65*	

26 05 36 00-0350 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0351	EA	6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,008.75	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.94*	
26 05 36 00-0352	EA	9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,064.39	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.85*	
26 05 36 00-0353	EA	12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,124.69	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.00*	
26 05 36 00-0354	EA	18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,226.22	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.91*	
26 05 36 00-0355	EA	24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,404.93	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.25*	
26 05 36 00-0356	EA	30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,533.40	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.50*	
26 05 36 00-0357	EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,680.80	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.71*	

26 05 36 00-0358 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0359	EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	671.79	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0360	EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	705.91	251.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.59*	
26 05 36 00-0361	EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	755.09	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.37*	
26 05 36 00-0362	EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	811.62	281.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.67*	
26 05 36 00-0363	EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	912.98	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.71*	
26 05 36 00-0364	EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,026.46	341.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.17*	
26 05 36 00-0365	EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,122.91	368.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.62*	

26 05 36 00-0366 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0367	EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	972.09	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.06*	
26 05 36 00-0368	EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,015.22	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.04*	
26 05 36 00-0369	EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,060.77	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.14*	
26 05 36 00-0370	EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,129.90	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.40*	
26 05 36 00-0371	EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,251.84	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.47*	
26 05 36 00-0372	EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,345.34	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.28*	
26 05 36 00-0373	EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,513.73	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.13*	

26 05 36 00-0374 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0375	EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,238.25	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.89*	
26 05 36 00-0376	EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,304.09	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.82*	
26 05 36 00-0377	EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,374.59	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.99*	
26 05 36 00-0378	EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,501.62	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.45*	
26 05 36 00-0379	EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,710.93	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.85*	
26 05 36 00-0380	EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,864.90	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.65*	
26 05 36 00-0381	EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,037.79	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.41*	

26 05 36 00-0382 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0383 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0384	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	226.20	100.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.29*	
26 05 36 00-0385	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	254.15	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.92*	
26 05 36 00-0386	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	279.80	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.48*	
26 05 36 00-0387	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	348.03	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0388	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	397.47	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.97*	
26 05 36 00-0389	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	466.62	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.04*	
26 05 36 00-0390	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	536.82	228.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.68*	

26 05 36 00-0391 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0392	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	296.20	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.95*	
26 05 36 00-0393	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	325.89	119.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.62*	
26 05 36 00-0394	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	352.95	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.21*	
26 05 36 00-0395	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	416.92	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.93*	
26 05 36 00-0396	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	471.35	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.17*	
26 05 36 00-0397	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	527.75	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.65*	
26 05 36 00-0398	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	616.27	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.64*	

26 05 36 00-0399 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0400	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	317.24	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.66*	
26 05 36 00-0401	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	353.29	125.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.84*	
26 05 36 00-0402	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	384.99	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.76*	
26 05 36 00-0403	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	467.36	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.96*	
26 05 36 00-0404	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	535.73	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.23*	
26 05 36 00-0405	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	625.66	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.62*	
26 05 36 00-0406	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	716.20	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.18*	

26 05 36 00-0407 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0408	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	167.10	72.51
		For 60 Degree Bend, Deduct	*-27.35*	
		For 30 Degree Bend, Deduct	*-49.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.67*	
26 05 36 00-0409	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	193.07	86.98
		For 60 Degree Bend, Deduct	*-30.39*	
		For 30 Degree Bend, Deduct	*-55.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.06*	
26 05 36 00-0410	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	216.31	99.76
		For 60 Degree Bend, Deduct	*-33.14*	
		For 30 Degree Bend, Deduct	*-60.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.32*	
26 05 36 00-0411	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	262.98	126.08
		For 60 Degree Bend, Deduct	*-38.46*	
		For 30 Degree Bend, Deduct	*-71.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.79*	
26 05 36 00-0412	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	325.36	154.42
		For 60 Degree Bend, Deduct	*-48.18*	
		For 30 Degree Bend, Deduct	*-88.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0413	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	382.36	177.26
		For 60 Degree Bend, Deduct	*-58.22*	
		For 30 Degree Bend, Deduct	*-106.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.46*	
26 05 36 00-0414	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	437.51	208.09
		For 60 Degree Bend, Deduct	*-64.61*	
		For 30 Degree Bend, Deduct	*-119.24*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.41*	

26 05 36 00-0415 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0416	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	183.19	74.81
		For 60 Degree Bend, Deduct	*-31.79*	
		For 30 Degree Bend, Deduct	*-57.13*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.09*	
26 05 36 00-0417	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	212.65	90.18
		For 60 Degree Bend, Deduct	*-35.60*	
		For 30 Degree Bend, Deduct	*-64.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.75*	
26 05 36 00-0418	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	243.43	104.14
		For 60 Degree Bend, Deduct	*-40.42*	
		For 30 Degree Bend, Deduct	*-73.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.67*	
26 05 36 00-0419	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	293.45	132.97
		For 60 Degree Bend, Deduct	*-45.85*	
		For 30 Degree Bend, Deduct	*-83.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.26*	
26 05 36 00-0420	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	362.14	165.19
		For 60 Degree Bend, Deduct	*-56.20*	
		For 30 Degree Bend, Deduct	*-102.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.45*	
26 05 36 00-0421	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	423.19	191.63
		For 60 Degree Bend, Deduct	*-66.21*	
		For 30 Degree Bend, Deduct	*-121.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.35*	
26 05 36 00-0422	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	499.15	228.13
		For 60 Degree Bend, Deduct	*-77.29*	
		For 30 Degree Bend, Deduct	*-141.48*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.91*	

26 05 36 00-0423 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0424	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	212.66	77.20
		For 60 Degree Bend, Deduct	*-40.60*	
		For 30 Degree Bend, Deduct	*-71.95*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.84*	
26 05 36 00-0425	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	245.03	93.76
		For 60 Degree Bend, Deduct	*-44.92*	
		For 30 Degree Bend, Deduct	*-80.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.69*	
26 05 36 00-0426	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	272.04	108.83
		For 60 Degree Bend, Deduct	*-48.06*	
		For 30 Degree Bend, Deduct	*-86.14*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.14*	
26 05 36 00-0427	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	333.04	140.85
		For 60 Degree Bend, Deduct	*-55.89*	
		For 30 Degree Bend, Deduct	*-100.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.56*	
26 05 36 00-0428	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.36	177.26
		For 60 Degree Bend, Deduct	*-63.83*	
		For 30 Degree Bend, Deduct	*-116.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.16*	
26 05 36 00-0429	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	480.95	208.09
		For 60 Degree Bend, Deduct	*-78.94*	
		For 30 Degree Bend, Deduct	*-143.13*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.75*	
26 05 36 00-0430	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	569.05	251.87
		For 60 Degree Bend, Deduct	*-91.23*	
		For 30 Degree Bend, Deduct	*-166.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.91*	

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0431				12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0432	EA			6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	248.42	99.76
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.53*	
26 05 36 00-0433	EA			9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	273.98	113.91
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.90*	
26 05 36 00-0434	EA			12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	296.80	125.98
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.18*	
26 05 36 00-0435	EA			18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	348.03	154.42
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.94*	
26 05 36 00-0436	EA			24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	389.91	177.26
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.22*	
26 05 36 00-0437	EA			30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	434.51	199.50
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.83*	
26 05 36 00-0438	EA			36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	485.36	227.73
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.56*	
26 05 36 00-0439				24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0440	EA			6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	289.59	104.04
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.29*	
26 05 36 00-0441	EA			9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.50	119.70
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.88*	
26 05 36 00-0442	EA			12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	345.39	132.97
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.46*	
26 05 36 00-0443	EA			18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	405.58	165.19
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.80*	
26 05 36 00-0444	EA			24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	456.24	191.63
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.66*	
26 05 36 00-0445	EA			30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	506.97	217.45
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.57*	
26 05 36 00-0446	EA			36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	582.27	251.87
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.24*	
26 05 36 00-0447				36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0448	EA			6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	338.02	108.73
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.74*	
26 05 36 00-0449	EA			9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	372.35	125.98
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.74*	
26 05 36 00-0450	EA			12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.15	140.85
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.17*	
26 05 36 00-0451	EA			18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	473.02	177.26
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.53*	
26 05 36 00-0452	EA			24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	526.28	208.09
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.29*	
26 05 36 00-0453	EA			30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	603.00	239.41
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.35*	
26 05 36 00-0454	EA			36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	685.98	281.30
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.16*	
26 05 36 00-0455				12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0456	EA			6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.85	191.63
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.62*	
26 05 36 00-0457	EA			9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	482.84	208.09
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.94*	
26 05 36 00-0458	EA			12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	506.02	217.45
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0459	EA	18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	563.33	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.38*	
26 05 36 00-0460	EA	24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	635.60	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.41*	
26 05 36 00-0461	EA	30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	700.08	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.53*	
26 05 36 00-0462	EA	36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	792.39	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.65*	

26 05 36 00-0463 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0464	EA	6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	545.17	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.18*	
26 05 36 00-0465	EA	9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	587.93	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.79*	
26 05 36 00-0466	EA	12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	614.33	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.48*	
26 05 36 00-0467	EA	18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	675.27	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.38*	
26 05 36 00-0468	EA	24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	751.87	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.25*	
26 05 36 00-0469	EA	30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	807.51	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.16*	
26 05 36 00-0470	EA	36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	967.45	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.03*	

26 05 36 00-0471 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0472	EA	6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	676.70	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.66*	
26 05 36 00-0473	EA	9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	727.72	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.78*	
26 05 36 00-0474	EA	12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	771.60	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.01*	
26 05 36 00-0475	EA	18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	851.98	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.26*	
26 05 36 00-0476	EA	24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	967.91	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.32*	
26 05 36 00-0477	EA	30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,048.67	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.16*	
26 05 36 00-0478	EA	36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,191.49	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.90*	

26 05 36 00-0479 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0480	EA	6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	510.80	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.31*	
26 05 36 00-0481	EA	9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	524.34	184.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.08*	
26 05 36 00-0482	EA	12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	538.41	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.88*	
26 05 36 00-0483	EA	18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	569.73	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.63*	
26 05 36 00-0484	EA	24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	589.13	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.79*	
26 05 36 00-0485	EA	30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	640.78	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.13*	
26 05 36 00-0486	EA	36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	694.16	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.27*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0487		24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0488	EA	6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	708.41	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.88*	
26 05 36 00-0489	EA	9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	727.28	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.10*	
26 05 36 00-0490	EA	12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	747.28	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.39*	
26 05 36 00-0491	EA	18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	791.92	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.18*	
26 05 36 00-0492	EA	24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	822.11	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.26*	
26 05 36 00-0493	EA	30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	877.38	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.59*	
26 05 36 00-0494	EA	36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	952.09	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.27*	
26 05 36 00-0495		36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0496	EA	6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,074.05	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.06*	
26 05 36 00-0497	EA	9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,099.13	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.79*	
26 05 36 00-0498	EA	12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,126.25	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.62*	
26 05 36 00-0499	EA	18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,175.38	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.55*	
26 05 36 00-0500	EA	24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,207.93	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.65*	
26 05 36 00-0501	EA	30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,292.09	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.27*	
26 05 36 00-0502	EA	36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,372.13	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.75*	
26 05 36 00-0503		12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0504	EA	6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	555.78	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.63*	
26 05 36 00-0505	EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	584.16	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.42*	
26 05 36 00-0506	EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	622.38	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.09*	
26 05 36 00-0507	EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	666.08	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.13*	
26 05 36 00-0508	EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	750.84	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.50*	
26 05 36 00-0509	EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	831.91	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.72*	
26 05 36 00-0510	EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	907.00	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.99*	
26 05 36 00-0511		24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*		
26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	747.05	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.56*	
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	783.19	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	821.76	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.24*	
26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	875.50	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.96*	
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	980.67	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.36*	
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,056.01	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.35*	
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,178.27	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.58*	

26 05 36 00-0519 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	923.76	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.44*	
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	975.61	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.97*	
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,032.13	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.75*	
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,124.22	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.71*	
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,291.60	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.91*	
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,410.62	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.23*	
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,548.57	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.48*	

26 05 36 00-0527 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	626.33	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.68*	
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	658.25	251.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.83*	
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	703.05	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.16*	
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	754.65	281.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.97*	
26 05 36 00-0532	EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	849.44	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.36*	
26 05 36 00-0533	EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	950.32	341.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.55*	
26 05 36 00-0534	EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,038.00	368.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.13*	

26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0536	EA	6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	883.90	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.24*	
26 05 36 00-0537	EA	9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	924.29	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.95*	
26 05 36 00-0538	EA	12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	967.11	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.77*	
26 05 36 00-0539	EA	18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,030.20	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.43*	
26 05 36 00-0540	EA	24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,145.57	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.85*	
26 05 36 00-0541	EA	30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,231.95	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.94*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0542	EA	36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,382.27	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.98*	

26 05 36 00-0543 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0544	EA	6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,115.00	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.56*	
26 05 36 00-0545	EA	9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,175.36	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.95*	
26 05 36 00-0546	EA	12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,240.38	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.57*	
26 05 36 00-0547	EA	18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,353.72	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.66*	
26 05 36 00-0548	EA	24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,546.60	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.41*	
26 05 36 00-0549	EA	30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,686.87	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.85*	
26 05 36 00-0550	EA	36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,846.07	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.23*	

26 05 36 00-0551 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0552 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0553	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	222.03	100.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.87*	
26 05 36 00-0554	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	249.66	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.47*	
26 05 36 00-0555	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	274.91	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.00*	
26 05 36 00-0556	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	341.68	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.30*	
26 05 36 00-0557	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	390.33	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.26*	
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	457.23	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.10*	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.84	228.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.58*	

26 05 36 00-0560 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	287.60	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.09*	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	317.04	119.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.74*	
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	343.76	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.29*	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	407.00	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.94*	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	460.71	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.11*	
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	516.18	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.49*	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	602.52	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.26*	

26 05 36 00-0568 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0569		EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	307.72	108.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.71*	
26 05 36 00-0570		EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	343.25	125.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.84*	
26 05 36 00-0571		EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	374.47	140.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.71*	
26 05 36 00-0572		EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	455.33	177.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.76*	
26 05 36 00-0573		EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	522.50	208.09
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.91*	
26 05 36 00-0574		EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	609.80	239.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.03*	
26 05 36 00-0575		EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	698.88	281.30
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.45*	

26 05 36 00-0576 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0577		EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	163.86	72.51
			For 60 Degree Bend, Deduct	*-26.29*	
			For 30 Degree Bend, Deduct	*-47.84*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.35*	
26 05 36 00-0578		EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	189.69	86.98
			For 60 Degree Bend, Deduct	*-29.27*	
			For 30 Degree Bend, Deduct	*-53.61*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.72*	
26 05 36 00-0579		EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	212.80	99.76
			For 60 Degree Bend, Deduct	*-31.99*	
			For 30 Degree Bend, Deduct	*-58.85*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.97*	
26 05 36 00-0580		EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	259.28	126.08
			For 60 Degree Bend, Deduct	*-37.24*	
			For 30 Degree Bend, Deduct	*-69.07*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.42*	
26 05 36 00-0581		EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	320.60	154.42
			For 60 Degree Bend, Deduct	*-46.61*	
			For 30 Degree Bend, Deduct	*-86.25*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.19*	
26 05 36 00-0582		EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	376.28	177.26
			For 60 Degree Bend, Deduct	*-56.21*	
			For 30 Degree Bend, Deduct	*-103.54*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.85*	
26 05 36 00-0583		EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	431.16	208.09
			For 60 Degree Bend, Deduct	*-62.51*	
			For 30 Degree Bend, Deduct	*-115.74*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.77*	

26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0585		EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	179.09	74.81
			For 60 Degree Bend, Deduct	*-30.43*	
			For 30 Degree Bend, Deduct	*-54.88*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.68*	
26 05 36 00-0586		EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	208.29	90.18
			For 60 Degree Bend, Deduct	*-34.16*	
			For 30 Degree Bend, Deduct	*-61.95*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.31*	
26 05 36 00-0587		EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	238.54	104.14
			For 60 Degree Bend, Deduct	*-38.80*	
			For 30 Degree Bend, Deduct	*-70.46*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.18*	
26 05 36 00-0588		EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	288.42	132.97
			For 60 Degree Bend, Deduct	*-44.19*	
			For 30 Degree Bend, Deduct	*-81.05*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.76*	
26 05 36 00-0589		EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.06	165.19
			For 60 Degree Bend, Deduct	*-54.19*	
			For 30 Degree Bend, Deduct	*-99.50*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.84*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0590		EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	415.92	191.63
			For 60 Degree Bend, Deduct	*-63.81*	
			For 30 Degree Bend, Deduct	*-117.00*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.63*	
26 05 36 00-0591		EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	490.82	228.13
			For 60 Degree Bend, Deduct	*-74.54*	
			For 30 Degree Bend, Deduct	*-136.90*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.07*	

26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0593		EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	206.78	77.20
			For 60 Degree Bend, Deduct	*-38.66*	
			For 30 Degree Bend, Deduct	*-68.72*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.25*	
26 05 36 00-0594		EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	238.81	93.76
			For 60 Degree Bend, Deduct	*-42.87*	
			For 30 Degree Bend, Deduct	*-76.66*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.07*	
26 05 36 00-0595		EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	265.69	108.83
			For 60 Degree Bend, Deduct	*-45.96*	
			For 30 Degree Bend, Deduct	*-82.65*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.50*	
26 05 36 00-0596		EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	326.17	140.85
			For 60 Degree Bend, Deduct	*-53.63*	
			For 30 Degree Bend, Deduct	*-97.21*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.88*	
26 05 36 00-0597		EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	392.09	177.26
			For 60 Degree Bend, Deduct	*-61.43*	
			For 30 Degree Bend, Deduct	*-112.24*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.44*	
26 05 36 00-0598		EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	471.56	208.09
			For 60 Degree Bend, Deduct	*-75.84*	
			For 30 Degree Bend, Deduct	*-137.96*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.81*	
26 05 36 00-0599		EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	558.61	251.87
			For 60 Degree Bend, Deduct	*-87.78*	
			For 30 Degree Bend, Deduct	*-160.30*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.87*	

26 05 36 00-0600 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0601		EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	242.66	99.76
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.95*	
26 05 36 00-0602		EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.10	113.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.31*	
26 05 36 00-0603		EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	290.72	125.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.58*	
26 05 36 00-0604		EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	341.68	154.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.30*	
26 05 36 00-0605		EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	383.30	177.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.56*	
26 05 36 00-0606		EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	427.37	199.50
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.11*	
26 05 36 00-0607		EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	477.95	227.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.82*	

26 05 36 00-0608 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0609		EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	281.45	104.04
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.47*	
26 05 36 00-0610		EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	310.17	119.70
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.04*	
26 05 36 00-0611		EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	336.73	132.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0612	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	396.46	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.88*	
26 05 36 00-0613	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	446.66	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.70*	
26 05 36 00-0614	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	496.85	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.56*	
26 05 36 00-0615	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	570.90	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.10*	

26 05 36 00-0616 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0617	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.04	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.64*	
26 05 36 00-0618	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	360.98	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.60*	
26 05 36 00-0619	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	387.65	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.02*	
26 05 36 00-0620	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	460.59	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.29*	
26 05 36 00-0621	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	513.72	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.03*	
26 05 36 00-0622	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	588.72	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.92*	
26 05 36 00-0623	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	670.77	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.64*	

26 05 36 00-0624 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0625	EA	6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	433.20	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.36*	
26 05 36 00-0626	EA	9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	469.24	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.58*	
26 05 36 00-0627	EA	12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	491.67	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.04*	
26 05 36 00-0628	EA	18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	546.90	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.74*	
26 05 36 00-0629	EA	24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	616.34	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.49*	
26 05 36 00-0630	EA	30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	677.04	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.22*	
26 05 36 00-0631	EA	36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	766.33	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.05*	

26 05 36 00-0632 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0633	EA	6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.34	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.19*	
26 05 36 00-0634	EA	9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.15	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.71*	
26 05 36 00-0635	EA	12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	592.80	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.33*	
26 05 36 00-0636	EA	18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	652.04	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.06*	
26 05 36 00-0637	EA	24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	726.56	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.72*	
26 05 36 00-0638	EA	30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	779.93	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.41*	
26 05 36 00-0639	EA	36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	932.13	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.50*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0640		36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0641	EA	6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	647.05	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.70*	
26 05 36 00-0642	EA	9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	696.93	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.70*	
26 05 36 00-0643	EA	12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	738.74	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.73*	
26 05 36 00-0644	EA	18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	816.66	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.73*	
26 05 36 00-0645	EA	24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	928.06	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.34*	
26 05 36 00-0646	EA	30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,005.23	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.81*	
26 05 36 00-0647	EA	36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,144.84	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.24*	
26 05 36 00-0648		12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	489.27	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.15*	
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	502.62	184.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.91*	
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	516.50	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.69*	
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	547.44	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.40*	
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	566.47	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.52*	
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	616.60	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.71*	
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	669.04	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.76*	
26 05 36 00-0656		24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	669.50	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.99*	
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	687.81	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.16*	
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	707.24	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.38*	
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	750.75	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.07*	
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	779.80	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.03*	
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	833.94	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.25*	
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	906.76	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.74*	
26 05 36 00-0664		36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*		
26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,001.33	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.79*	
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,025.46	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,051.64	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.16*	
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,099.82	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.99*	
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,131.43	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.00*	
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,212.75	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.34*	
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,291.85	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.72*	

26 05 36 00-0672 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.10	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.06*	
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.73	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.78*	
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	604.44	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.30*	
26 05 36 00-0676	EA	18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	646.44	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.16*	
26 05 36 00-0677	EA	24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	728.93	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.31*	
26 05 36 00-0678	EA	30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	805.66	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.10*	
26 05 36 00-0679	EA	36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	877.73	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.06*	

26 05 36 00-0680 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0681	EA	6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	716.64	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.52*	
26 05 36 00-0682	EA	9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	751.84	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.70*	
26 05 36 00-0683	EA	12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	789.46	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.01*	
26 05 36 00-0684	EA	18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	841.13	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.53*	
26 05 36 00-0685	EA	24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	944.03	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.69*	
26 05 36 00-0686	EA	30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,016.91	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.44*	
26 05 36 00-0687	EA	36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,132.94	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.05*	

26 05 36 00-0688 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0689	EA	6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	881.26	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.19*	
26 05 36 00-0690	EA	9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	931.23	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.54*	
26 05 36 00-0691	EA	12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	985.86	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.12*	
26 05 36 00-0692	EA	18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,073.23	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.61*	
26 05 36 00-0693	EA	24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,234.93	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.25*	
26 05 36 00-0694	EA	30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,349.23	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0695	EA	36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,482.46	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.87*	

26 05 36 00-0696 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0697	EA	6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	603.59	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.41*	
26 05 36 00-0698	EA	9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	634.42	251.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.44*	
26 05 36 00-0699	EA	12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	677.03	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.56*	
26 05 36 00-0700	EA	18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	726.17	281.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.13*	
26 05 36 00-0701	EA	24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	817.67	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.18*	
26 05 36 00-0702	EA	30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	912.25	341.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.74*	
26 05 36 00-0703	EA	36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	995.55	368.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.88*	

26 05 36 00-0704 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0705	EA	6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	839.80	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.83*	
26 05 36 00-0706	EA	9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	878.83	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.40*	
26 05 36 00-0707	EA	12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	920.27	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.09*	
26 05 36 00-0708	EA	18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	980.36	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.45*	
26 05 36 00-0709	EA	24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,092.44	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.53*	
26 05 36 00-0710	EA	30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,175.26	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.28*	
26 05 36 00-0711	EA	36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,316.53	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.41*	

26 05 36 00-0712 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0713	EA	6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,053.38	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.40*	
26 05 36 00-0714	EA	9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,111.00	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.51*	
26 05 36 00-0715	EA	12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,173.28	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.86*	
26 05 36 00-0716	EA	18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,279.77	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.27*	
26 05 36 00-0717	EA	24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,464.43	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.20*	
26 05 36 00-0718	EA	30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,597.86	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.95*	
26 05 36 00-0719	EA	36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,750.21	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.65*	

26 05 36 00-0720 Dropout Or End Plates And Reducers *(26 05 36 00-0002)*

26 05 36 00-0721 Straight Reducers *(26 05 36 00-0720)*

26 05 36 00-0722	EA	9"-6" Reducer, Steel Cable Tray	209.62	73.62
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.83*	
26 05 36 00-0723	EA	12"-9" Reducer, Steel Cable Tray	221.64	79.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0724	EA	18"-12" Reducer, Steel Cable Tray	242.15	91.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.55*	
26 05 36 00-0725	EA	24"-18" Reducer, Steel Cable Tray	268.04	106.44
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.94*	
26 05 36 00-0726	EA	30"-24" Reducer, Steel Cable Tray	292.05	119.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.23*	
26 05 36 00-0727	EA	36"-30" Reducer, Steel Cable Tray	331.84	136.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.79*	

26 05 36 00-0728 Reducers *(26 05 36 00-0720)*

26 05 36 00-0729	EA	18"-6" Reducer, Steel Cable Tray	246.02	92.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.93*	
26 05 36 00-0730	EA	24"-12" Reducer, Steel Cable Tray	272.06	106.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.33*	
26 05 36 00-0731	EA	30"-12" Reducer, Steel Cable Tray	299.45	119.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.98*	
26 05 36 00-0732	EA	30"-18" Reducer, Steel Cable Tray	303.07	119.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.35*	
26 05 36 00-0733	EA	36"-12" Reducer, Steel Cable Tray	333.73	136.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.98*	
26 05 36 00-0734	EA	36"-18" Reducer, Steel Cable Tray	343.49	140.35
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.65*	
26 05 36 00-0735	EA	36"-24" Reducer, Steel Cable Tray	354.74	144.84
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.40*	

26 05 36 00-0736 Dropout Or End Plate *(26 05 36 00-0720)*

26 05 36 00-0737	EA	6" Dropout Or End Plate, Steel Cable Tray	59.60	29.93
26 05 36 00-0738	EA	9" Dropout Or End Plate, Steel Cable Tray	68.40	34.21
26 05 36 00-0739	EA	12" Dropout Or End Plate, Steel Cable Tray	73.81	36.81
26 05 36 00-0740	EA	18" Dropout Or End Plate, Steel Cable Tray	87.15	43.49
26 05 36 00-0741	EA	24" Dropout Or End Plate, Steel Cable Tray	97.56	47.88
26 05 36 00-0742	EA	30" Dropout Or End Plate, Steel Cable Tray	108.14	53.17
26 05 36 00-0743	EA	36" Dropout Or End Plate, Steel Cable Tray	122.05	59.85

26 05 36 00-0744 Ladder Bottom Aluminum Cable Tray *(26 05 36 00-0001)*

Note: 4-5/8" Height

26 05 36 00-0745 Straight Tray Sections *(26 05 36 00-0744)*

26 05 36 00-0746 4" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0747	LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	39.58	6.98
		For Class 12C Instead Of Class 12B, Add	*4.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.98*	
26 05 36 00-0748	LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	41.79	7.38
		For Class 12C Instead Of Class 12B, Add	*5.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.09*	
26 05 36 00-0749	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	44.00	7.68
		For Class 12C Instead Of Class 12B, Add	*5.32*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.20*	
26 05 36 00-0750	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	48.74	8.38
		For Class 12C Instead Of Class 12B, Add	*5.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.44*	
26 05 36 00-0751	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	55.44	8.98
		For Class 12C Instead Of Class 12B, Add	*6.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.77*	
26 05 36 00-0752	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	60.53	9.58
		For Class 12C Instead Of Class 12B, Add	*7.49*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*3.03*	
26 05 36 00-0753	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	65.16	10.18
		For Class 12C Instead Of Class 12B, Add	*8.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*3.26*	

26 05 36 00-0754 6" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0755	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	37.04	6.98
		For Class 12C Instead Of Class 12B, Add	*4.39*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.85*	
26 05 36 00-0756	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	39.10	7.38
		For Class 12C Instead Of Class 12B, Add	*4.64*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.96*	
26 05 36 00-0757	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	41.17	7.68
		For Class 12C Instead Of Class 12B, Add	*4.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0758	LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	45.58	8.38
		For Class 12C Instead Of Class 12B, Add	*5.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.28*	
26 05 36 00-0759	LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	51.75	8.98
		For Class 12C Instead Of Class 12B, Add	*6.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.59*	
26 05 36 00-0760	LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	56.48	9.58
		For Class 12C Instead Of Class 12B, Add	*6.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.82*	
26 05 36 00-0761	LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	60.78	10.18
		For Class 12C Instead Of Class 12B, Add	*7.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*3.04*	

26 05 36 00-0762 9" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0763	LF	6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	33.46	6.68
		For Class 12C Instead Of Class 12B, Add	*3.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.67*	
26 05 36 00-0764	LF	9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	34.07	6.98
		For Class 12C Instead Of Class 12B, Add	*3.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.70*	
26 05 36 00-0765	LF	12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	36.36	7.38
		For Class 12C Instead Of Class 12B, Add	*4.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.82*	
26 05 36 00-0766	LF	18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	38.86	7.88
		For Class 12C Instead Of Class 12B, Add	*4.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.94*	
26 05 36 00-0767	LF	24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	43.30	8.18
		For Class 12C Instead Of Class 12B, Add	*5.13*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.17*	
26 05 36 00-0768	LF	30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	47.74	8.78
		For Class 12C Instead Of Class 12B, Add	*5.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.39*	
26 05 36 00-0769	LF	36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	50.87	9.58
		For Class 12C Instead Of Class 12B, Add	*6.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.54*	

26 05 36 00-0770 12" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0771	LF	6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	32.69	6.48
		For Class 12C Instead Of Class 12B, Add	*3.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.63*	
26 05 36 00-0772	LF	9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	33.21	6.68
		For Class 12C Instead Of Class 12B, Add	*3.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.66*	
26 05 36 00-0773	LF	12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	34.60	7.08
		For Class 12C Instead Of Class 12B, Add	*4.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.73*	
26 05 36 00-0774	LF	18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	36.65	7.48
		For Class 12C Instead Of Class 12B, Add	*4.24*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.83*	
26 05 36 00-0775	LF	24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	39.55	7.58
		For Class 12C Instead Of Class 12B, Add	*4.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.98*	
26 05 36 00-0776	LF	30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	42.62	8.38
		For Class 12C Instead Of Class 12B, Add	*5.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.13*	
26 05 36 00-0777	LF	36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	45.27	9.08
		For Class 12C Instead Of Class 12B, Add	*5.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*2.26*	

26 05 36 00-0778 18" Rung Spacing *(26 05 36 00-0745)*

26 05 36 00-0779	LF	6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	32.27	6.28
		For Class 12C Instead Of Class 12B, Add	*3.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.61*	
26 05 36 00-0780	LF	9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	32.41	6.58
		For Class 12C Instead Of Class 12B, Add	*3.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*1.62*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0781		LF	12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	34.11	6.78
			For Class 12C Instead Of Class 12B, Add	*3.98*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.84*	
			For 6" Overall Height Instead Of 4-5/8", Add	*1.71*	
26 05 36 00-0782		LF	18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	35.93	7.18
			For Class 12C Instead Of Class 12B, Add	*4.20*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.00*	
			For 6" Overall Height Instead Of 4-5/8", Add	*1.80*	
26 05 36 00-0783		LF	24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	37.97	7.28
			For Class 12C Instead Of Class 12B, Add	*4.48*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.19*	
			For 6" Overall Height Instead Of 4-5/8", Add	*1.90*	
26 05 36 00-0784		LF	30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	39.94	7.98
			For Class 12C Instead Of Class 12B, Add	*4.67*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.33*	
			For 6" Overall Height Instead Of 4-5/8", Add	*2.00*	
26 05 36 00-0785		LF	36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	42.46	8.68
			For Class 12C Instead Of Class 12B, Add	*4.92*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.52*	
			For 6" Overall Height Instead Of 4-5/8", Add	*2.12*	

26 05 36 00-0786 4" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-0787 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0788		EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	283.00	100.05
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.97*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.15*	
26 05 36 00-0789		EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	309.17	113.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.42*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.46*	
26 05 36 00-0790		EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	351.23	125.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.63*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.56*	
26 05 36 00-0791		EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	416.35	154.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.77*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.82*	
26 05 36 00-0792		EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	492.73	177.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.50*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.64*	
26 05 36 00-0793		EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	541.55	199.50
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.53*	
			For 6" Overall Height Instead Of 4-5/8", Add	*27.08*	
26 05 36 00-0794		EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	633.24	228.03
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.32*	
			For 6" Overall Height Instead Of 4-5/8", Add	*31.66*	

26 05 36 00-0795 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0796		EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	379.51	104.04
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.28*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.98*	
26 05 36 00-0797		EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	414.27	119.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.46*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.71*	
26 05 36 00-0798		EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	446.90	132.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.61*	
			For 6" Overall Height Instead Of 4-5/8", Add	*22.35*	
26 05 36 00-0799		EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	519.62	165.19
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.20*	
			For 6" Overall Height Instead Of 4-5/8", Add	*25.98*	
26 05 36 00-0800		EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	587.22	191.63
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.76*	
			For 6" Overall Height Instead Of 4-5/8", Add	*29.36*	
26 05 36 00-0801		EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	655.42	217.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.42*	
			For 6" Overall Height Instead Of 4-5/8", Add	*32.77*	
26 05 36 00-0802		EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	749.58	251.87
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.97*	
			For 6" Overall Height Instead Of 4-5/8", Add	*37.48*	

26 05 36 00-0803 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0804		EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	407.94	108.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.73*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.40*	
26 05 36 00-0805		EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	442.33	125.88
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.75*	
			For 6" Overall Height Instead Of 4-5/8", Add	*22.12*	
26 05 36 00-0806		EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	493.91	140.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.65*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.70*	
26 05 36 00-0807		EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	586.94	177.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.92*	
			For 6" Overall Height Instead Of 4-5/8", Add	*29.35*	
26 05 36 00-0808		EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	676.59	208.09
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.32*	
			For 6" Overall Height Instead Of 4-5/8", Add	*33.83*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0809		EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	761.13	239.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.16*	
			For 6" Overall Height Instead Of 4-5/8", Add	*38.06*	
26 05 36 00-0810		EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	883.89	281.30
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.95*	
			For 6" Overall Height Instead Of 4-5/8", Add	*44.19*	
26 05 36 00-0811			**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0812		EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	197.37	72.51
			For 60 Degree Bend, Deduct	*-37.34*	
			For 30 Degree Bend, Deduct	*-66.27*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.70*	
			For 6" Overall Height Instead Of 4-5/8", Add	*9.87*	
26 05 36 00-0813		EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	224.39	86.98
			For 60 Degree Bend, Deduct	*-40.72*	
			For 30 Degree Bend, Deduct	*-72.70*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.19*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.22*	
26 05 36 00-0814		EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	248.69	99.76
			For 60 Degree Bend, Deduct	*-43.83*	
			For 30 Degree Bend, Deduct	*-78.59*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.56*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.43*	
26 05 36 00-0815		EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	307.25	126.08
			For 60 Degree Bend, Deduct	*-53.07*	
			For 30 Degree Bend, Deduct	*-95.46*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.22*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.36*	
26 05 36 00-0816		EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	378.07	154.42
			For 60 Degree Bend, Deduct	*-65.57*	
			For 30 Degree Bend, Deduct	*-117.86*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.94*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.90*	
26 05 36 00-0817		EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	433.85	177.26
			For 60 Degree Bend, Deduct	*-75.21*	
			For 30 Degree Bend, Deduct	*-135.20*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.61*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.69*	
26 05 36 00-0818		EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	491.10	208.09
			For 60 Degree Bend, Deduct	*-82.29*	
			For 30 Degree Bend, Deduct	*-148.71*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.77*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.56*	
26 05 36 00-0819			**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0820		EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	227.68	74.81
			For 60 Degree Bend, Deduct	*-46.47*	
			For 30 Degree Bend, Deduct	*-81.60*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.54*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.38*	
26 05 36 00-0821		EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	265.14	90.18
			For 60 Degree Bend, Deduct	*-52.92*	
			For 30 Degree Bend, Deduct	*-93.22*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.00*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.26*	
26 05 36 00-0822		EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	291.31	104.14
			For 60 Degree Bend, Deduct	*-56.22*	
			For 30 Degree Bend, Deduct	*-99.48*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.45*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.57*	
26 05 36 00-0823		EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	348.27	132.97
			For 60 Degree Bend, Deduct	*-63.95*	
			For 30 Degree Bend, Deduct	*-113.96*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.74*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.41*	
26 05 36 00-0824		EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	422.46	165.19
			For 60 Degree Bend, Deduct	*-76.10*	
			For 30 Degree Bend, Deduct	*-136.02*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.48*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.12*	
26 05 36 00-0825		EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	495.95	191.63
			For 60 Degree Bend, Deduct	*-90.22*	
			For 30 Degree Bend, Deduct	*-161.02*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.63*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.80*	
26 05 36 00-0826		EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	565.63	228.13
			For 60 Degree Bend, Deduct	*-99.22*	
			For 30 Degree Bend, Deduct	*-178.04*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.56*	
			For 6" Overall Height Instead Of 4-5/8", Add	*28.28*	
26 05 36 00-0827			**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0828		EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	266.99	77.20
			For 60 Degree Bend, Deduct	*-58.53*	
			For 30 Degree Bend, Deduct	*-101.83*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.27*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0829	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	297.57	93.76
		For 60 Degree Bend, Deduct	*-62.26*	
		For 30 Degree Bend, Deduct	*-108.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.88*	
26 05 36 00-0830	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	325.63	108.83
		For 60 Degree Bend, Deduct	*-65.74*	
		For 30 Degree Bend, Deduct	*-115.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.28*	
26 05 36 00-0831	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	393.81	140.85
		For 60 Degree Bend, Deduct	*-75.95*	
		For 30 Degree Bend, Deduct	*-134.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.69*	
26 05 36 00-0832	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	489.79	177.26
		For 60 Degree Bend, Deduct	*-93.67*	
		For 30 Degree Bend, Deduct	*-165.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.49*	
26 05 36 00-0833	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	552.93	208.09
		For 60 Degree Bend, Deduct	*-102.69*	
		For 30 Degree Bend, Deduct	*-182.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.65*	
26 05 36 00-0834	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	646.53	251.87
		For 60 Degree Bend, Deduct	*-116.79*	
		For 30 Degree Bend, Deduct	*-208.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.33*	

26 05 36 00-0835 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0836	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	310.83	99.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.54*	
26 05 36 00-0837	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	342.40	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.12*	
26 05 36 00-0838	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	365.01	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.25*	
26 05 36 00-0839	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	417.71	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.89*	
26 05 36 00-0840	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	463.71	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.19*	
26 05 36 00-0841	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	508.63	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.43*	
26 05 36 00-0842	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	560.96	227.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.05*	

26 05 36 00-0843 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0844	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	329.83	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.49*	
26 05 36 00-0845	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	362.48	119.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.12*	
26 05 36 00-0846	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	388.59	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.43*	
26 05 36 00-0847	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	451.37	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.57*	
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	505.94	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.30*	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	559.62	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.98*	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	630.13	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.51*	

26 05 36 00-0851 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	423.08	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.15*	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	457.01	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	497.69	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.88*	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	568.86	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.44*	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	630.74	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.54*	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	703.93	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.20*	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	786.84	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.34*	

26 05 36 00-0859 12" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	486.07	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.30*	
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	524.54	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.23*	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	542.91	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.15*	
26 05 36 00-0863	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	614.98	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.75*	
26 05 36 00-0864	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	680.79	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.04*	
26 05 36 00-0865	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	745.76	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.29*	
26 05 36 00-0866	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	862.53	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.13*	

26 05 36 00-0867 24" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0868	EA	6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	631.16	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.56*	
26 05 36 00-0869	EA	9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	680.88	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.04*	
26 05 36 00-0870	EA	12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	707.93	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.40*	
26 05 36 00-0871	EA	18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	779.21	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.96*	
26 05 36 00-0872	EA	24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	865.10	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.26*	
26 05 36 00-0873	EA	30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	933.61	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.68*	
26 05 36 00-0874	EA	36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,229.35	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.47*	

26 05 36 00-0875 36" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0876	EA	6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	782.03	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.10*	
26 05 36 00-0877	EA	9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	832.65	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.63*	
26 05 36 00-0878	EA	12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	894.03	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.70*	
26 05 36 00-0879	EA	18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	974.46	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.72*	
26 05 36 00-0880	EA	24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,094.27	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.71*	
26 05 36 00-0881	EA	30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,278.56	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.93*	
26 05 36 00-0882	EA	36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,463.09	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 36 00-0883 12" Radius Vertical Tees *(26 05 36 00-0786)*

26 05 36 00-0884	EA	6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	670.01	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.50*	
26 05 36 00-0885	EA	9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	692.60	184.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.63*	
26 05 36 00-0886	EA	12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	707.51	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.38*	
26 05 36 00-0887	EA	18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	743.25	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.16*	
26 05 36 00-0888	EA	24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	791.69	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.58*	
26 05 36 00-0889	EA	30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	836.42	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.82*	
26 05 36 00-0890	EA	36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	894.03	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.70*	

26 05 36 00-0891 24" Radius Vertical Tees *(26 05 36 00-0786)*

26 05 36 00-0892	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	953.56	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.68*	
26 05 36 00-0893	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	974.97	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.75*	
26 05 36 00-0894	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	997.50	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.88*	
26 05 36 00-0895	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,049.95	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.50*	
26 05 36 00-0896	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,085.20	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.26*	
26 05 36 00-0897	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,145.55	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.28*	
26 05 36 00-0898	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,264.25	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.21*	

26 05 36 00-0899 36" Radius Vertical Tee *(26 05 36 00-0786)*

26 05 36 00-0900	EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,553.44	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.67*	
26 05 36 00-0901	EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,584.73	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.24*	
26 05 36 00-0902	EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,618.08	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.90*	
26 05 36 00-0903	EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,673.45	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*83.67*	
26 05 36 00-0904	EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,712.23	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-149.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.61*	
26 05 36 00-0905	EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,815.04	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-156.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.75*	
26 05 36 00-0906	EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,901.31	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.07*	

26 05 36 00-0907 12" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0908	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	631.38	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.57*	
26 05 36 00-0909	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	676.81	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.84*	
26 05 36 00-0910	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	702.66	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.13*	
26 05 36 00-0911	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	784.04	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.20*	
26 05 36 00-0912	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	857.06	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0913	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	952.10	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.61*	
26 05 36 00-0914	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,092.66	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.63*	

26 05 36 00-0915 24" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0916	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	888.56	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.43*	
26 05 36 00-0917	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	928.93	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.45*	
26 05 36 00-0918	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	971.72	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.59*	
26 05 36 00-0919	EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,029.30	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.47*	
26 05 36 00-0920	EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,155.54	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.78*	
26 05 36 00-0921	EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,185.58	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.28*	
26 05 36 00-0922	EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,311.81	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.59*	

26 05 36 00-0923 36" Radius Horizontal Crosses *(26 05 36 00-0786)*

26 05 36 00-0924	EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,023.67	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.18*	
26 05 36 00-0925	EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,022.84	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.14*	
26 05 36 00-0926	EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,089.93	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.50*	
26 05 36 00-0927	EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,232.09	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.60*	
26 05 36 00-0928	EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,490.43	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.52*	
26 05 36 00-0929	EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,644.24	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.21*	
26 05 36 00-0930	EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,830.66	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.53*	

26 05 36 00-0931 12" Radius Vertical Cross *(26 05 36 00-0786)*

26 05 36 00-0932	EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	631.38	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.57*	
26 05 36 00-0933	EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	676.95	251.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.85*	
26 05 36 00-0934	EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	702.58	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.13*	
26 05 36 00-0935	EA	18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	784.21	281.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.21*	
26 05 36 00-0936	EA	24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	857.06	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.85*	
26 05 36 00-0937	EA	30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	952.36	341.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.62*	
26 05 36 00-0938	EA	36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,091.91	368.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.60*	

26 05 36 00-0939 24" Radius Vertical Crosses *(26 05 36 00-0786)*

26 05 36 00-0940	EA	6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	888.56	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.43*	
26 05 36 00-0941	EA	9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	928.93	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0942	EA	12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	971.72	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.59*	
26 05 36 00-0943	EA	18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,029.30	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.47*	
26 05 36 00-0944	EA	24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,155.54	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.78*	
26 05 36 00-0945	EA	30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,244.59	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.23*	
26 05 36 00-0946	EA	36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,378.34	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.92*	

26 05 36 00-0947 36" Radius Vertical Crosses *(26 05 36 00-0786)*

26 05 36 00-0948	EA	6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,259.87	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.99*	
26 05 36 00-0949	EA	9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,324.56	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.23*	
26 05 36 00-0950	EA	12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,409.75	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.49*	
26 05 36 00-0951	EA	18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,510.12	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.51*	
26 05 36 00-0952	EA	24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,834.90	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.75*	
26 05 36 00-0953	EA	30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,025.62	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-162.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*101.28*	
26 05 36 00-0954	EA	36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,255.09	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*112.75*	

26 05 36 00-0955 6" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-0956 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0957	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	266.38	100.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.32*	
26 05 36 00-0958	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	292.14	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.61*	
26 05 36 00-0959	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	331.04	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.55*	
26 05 36 00-0960	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	393.63	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.68*	
26 05 36 00-0961	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	464.55	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.23*	
26 05 36 00-0962	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	511.68	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.58*	
26 05 36 00-0963	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	597.07	228.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.85*	

26 05 36 00-0964 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0965	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	350.07	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.50*	
26 05 36 00-0966	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	383.56	119.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.18*	
26 05 36 00-0967	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	414.72	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.74*	
26 05 36 00-0968	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	484.71	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.24*	
26 05 36 00-0969	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	548.95	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.45*	
26 05 36 00-0970	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	613.57	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.68*	
26 05 36 00-0971	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	702.47	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.12*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0972		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0973	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	375.56	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.78*	
26 05 36 00-0974	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	409.10	125.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.46*	
26 05 36 00-0975	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	456.90	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.85*	
26 05 36 00-0976	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	545.30	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.27*	
26 05 36 00-0977	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	629.48	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.47*	
26 05 36 00-0978	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	709.40	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.47*	
26 05 36 00-0979	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	824.59	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.23*	
26 05 36 00-0980		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0981	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	186.43	72.51
		For 60 Degree Bend, Deduct	*-33.73*	
		For 30 Degree Bend, Deduct	*-60.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.32*	
26 05 36 00-0982	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	213.04	86.98
		For 60 Degree Bend, Deduct	*-36.98*	
		For 30 Degree Bend, Deduct	*-66.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.65*	
26 05 36 00-0983	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	236.91	99.76
		For 60 Degree Bend, Deduct	*-39.94*	
		For 30 Degree Bend, Deduct	*-72.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.85*	
26 05 36 00-0984	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	293.37	126.08
		For 60 Degree Bend, Deduct	*-48.49*	
		For 30 Degree Bend, Deduct	*-87.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.67*	
26 05 36 00-0985	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	360.83	154.42
		For 60 Degree Bend, Deduct	*-59.88*	
		For 30 Degree Bend, Deduct	*-108.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.04*	
26 05 36 00-0986	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	414.08	177.26
		For 60 Degree Bend, Deduct	*-68.69*	
		For 30 Degree Bend, Deduct	*-124.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.70*	
26 05 36 00-0987	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	470.50	208.09
		For 60 Degree Bend, Deduct	*-75.49*	
		For 30 Degree Bend, Deduct	*-137.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.53*	
26 05 36 00-0988		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0989	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	212.96	74.81
		For 60 Degree Bend, Deduct	*-41.61*	
		For 30 Degree Bend, Deduct	*-73.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.65*	
26 05 36 00-0990	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	248.74	90.18
		For 60 Degree Bend, Deduct	*-47.51*	
		For 30 Degree Bend, Deduct	*-84.20*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.44*	
26 05 36 00-0991	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	274.48	104.14
		For 60 Degree Bend, Deduct	*-50.66*	
		For 30 Degree Bend, Deduct	*-90.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.72*	
26 05 36 00-0992	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	330.18	132.97
		For 60 Degree Bend, Deduct	*-57.98*	
		For 30 Degree Bend, Deduct	*-104.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.51*	
26 05 36 00-0993	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	401.43	165.19
		For 60 Degree Bend, Deduct	*-69.16*	
		For 30 Degree Bend, Deduct	*-124.45*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.07*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0994		EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	470.71	191.63
			For 60 Degree Bend, Deduct	*-81.90*	
			For 30 Degree Bend, Deduct	*-147.14*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.11*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.54*	
26 05 36 00-0995		EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	539.14	228.13
			For 60 Degree Bend, Deduct	*-90.48*	
			For 30 Degree Bend, Deduct	*-163.47*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.91*	
			For 6" Overall Height Instead Of 4-5/8", Add	*26.96*	

26 05 36 00-0996 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0955)*

26 05 36 00-0997		EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	247.22	77.20
			For 60 Degree Bend, Deduct	*-52.00*	
			For 30 Degree Bend, Deduct	*-90.96*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.29*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.36*	
26 05 36 00-0998		EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	277.38	93.76
			For 60 Degree Bend, Deduct	*-55.60*	
			For 30 Degree Bend, Deduct	*-97.87*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.93*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.87*	
26 05 36 00-0999		EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	305.03	108.83
			For 60 Degree Bend, Deduct	*-58.94*	
			For 30 Degree Bend, Deduct	*-104.29*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.43*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.25*	
26 05 36 00-1000		EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	371.09	140.85
			For 60 Degree Bend, Deduct	*-68.45*	
			For 30 Degree Bend, Deduct	*-121.91*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.37*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.55*	
26 05 36 00-1001		EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	462.03	177.26
			For 60 Degree Bend, Deduct	*-84.51*	
			For 30 Degree Bend, Deduct	*-150.70*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.43*	
			For 6" Overall Height Instead Of 4-5/8", Add	*23.10*	
26 05 36 00-1002		EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	523.49	208.09
			For 60 Degree Bend, Deduct	*-92.98*	
			For 30 Degree Bend, Deduct	*-166.53*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.01*	
			For 6" Overall Height Instead Of 4-5/8", Add	*26.17*	
26 05 36 00-1003		EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	614.15	251.87
			For 60 Degree Bend, Deduct	*-106.11*	
			For 30 Degree Bend, Deduct	*-190.84*	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.42*	
			For 6" Overall Height Instead Of 4-5/8", Add	*30.71*	

26 05 36 00-1004 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1005		EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	299.26	99.76
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.61*	
			For 6" Overall Height Instead Of 4-5/8", Add	*14.96*	
26 05 36 00-1006		EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	330.20	113.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.52*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.51*	
26 05 36 00-1007		EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	352.60	125.98
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.76*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.63*	
26 05 36 00-1008		EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	404.88	154.42
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.62*	
			For 6" Overall Height Instead Of 4-5/8", Add	*20.24*	
26 05 36 00-1009		EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	450.25	177.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.25*	
			For 6" Overall Height Instead Of 4-5/8", Add	*22.51*	
26 05 36 00-1010		EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	494.55	199.50
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.83*	
			For 6" Overall Height Instead Of 4-5/8", Add	*24.73*	
26 05 36 00-1011		EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	546.45	227.73
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.67*	
			For 6" Overall Height Instead Of 4-5/8", Add	*27.32*	

26 05 36 00-1012 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1013		EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	317.32	104.04
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.06*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.87*	
26 05 36 00-1014		EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	349.44	119.70
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.97*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.47*	
26 05 36 00-1015		EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	375.24	132.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.44*	
			For 6" Overall Height Instead Of 4-5/8", Add	*18.76*	
26 05 36 00-1016		EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	437.29	165.19
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.97*	
			For 6" Overall Height Instead Of 4-5/8", Add	*21.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1017	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	491.01	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.55*	
26 05 36 00-1018	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	543.85	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.19*	
26 05 36 00-1019	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	613.30	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.67*	

26 05 36 00-1020 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0955)*

26 05 36 00-1021	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	403.74	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.19*	
26 05 36 00-1022	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	437.24	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.86*	
26 05 36 00-1023	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	476.66	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.83*	
26 05 36 00-1024	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	546.99	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.35*	
26 05 36 00-1025	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	608.03	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.40*	
26 05 36 00-1026	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	679.54	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.98*	
26 05 36 00-1027	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	761.39	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.07*	

26 05 36 00-1028 12" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1029	EA	6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	473.24	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.66*	
26 05 36 00-1030	EA	9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	510.87	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.54*	
26 05 36 00-1031	EA	12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	529.03	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.45*	
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	598.36	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.92*	
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	662.49	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.12*	
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	724.52	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.23*	
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	837.08	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.85*	

26 05 36 00-1036 24" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	609.29	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.46*	
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	657.74	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.89*	
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	684.16	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.21*	
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	753.34	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.67*	
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	836.92	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.85*	
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	902.70	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.14*	
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,182.04	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.10*	

26 05 36 00-1044 36" Radius Horizontal Tees *(26 05 36 00-0955)*

26 05 36 00-1045	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	751.12	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	800.89	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.04*	
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	859.33	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.97*	
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	937.86	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.89*	
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,053.89	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.69*	
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,227.46	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.37*	
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,406.31	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.32*	

26 05 36 00-1052 12" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	641.20	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.06*	
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	662.95	184.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.15*	
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	677.65	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.88*	
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	712.76	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.64*	
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	758.67	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.93*	
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	802.77	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.14*	
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	859.33	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.97*	

26 05 36 00-1060 24" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1061	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	904.77	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.24*	
26 05 36 00-1062	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	925.55	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.28*	
26 05 36 00-1063	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	947.45	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.37*	
26 05 36 00-1064	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	998.43	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.92*	
26 05 36 00-1065	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,032.42	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.62*	
26 05 36 00-1066	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,091.50	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.58*	
26 05 36 00-1067	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,205.36	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.27*	

26 05 36 00-1068 36" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1069	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,460.62	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.03*	
26 05 36 00-1070	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,490.71	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.54*	
26 05 36 00-1071	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,522.85	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.14*	
26 05 36 00-1072	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,577.02	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.85*	
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,614.59	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.73*	
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,713.79	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1075	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,798.85	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.94*	

26 05 36 00-1076 12" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1077	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	613.50	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.68*	
26 05 36 00-1078	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	657.05	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.85*	
26 05 36 00-1079	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	682.68	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.13*	
26 05 36 00-1080	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	759.85	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.99*	
26 05 36 00-1081	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	832.04	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.60*	
26 05 36 00-1082	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	922.66	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.13*	
26 05 36 00-1083	EA	36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,055.86	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.79*	

26 05 36 00-1084 24" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1085	EA	6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	854.28	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.71*	
26 05 36 00-1086	EA	9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	893.60	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.68*	
26 05 36 00-1087	EA	12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	935.34	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.77*	
26 05 36 00-1088	EA	18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	991.02	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.55*	
26 05 36 00-1089	EA	24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,113.90	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.70*	
26 05 36 00-1090	EA	30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,200.01	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.00*	
26 05 36 00-1091	EA	36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,328.08	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.40*	

26 05 36 00-1092 36" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1093	EA	6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	983.29	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.16*	
26 05 36 00-1094	EA	9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,036.45	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.82*	
26 05 36 00-1095	EA	12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,104.36	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.22*	
26 05 36 00-1096	EA	18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,184.56	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.23*	
26 05 36 00-1097	EA	24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,431.54	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.58*	
26 05 36 00-1098	EA	30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,579.05	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.95*	
26 05 36 00-1099	EA	36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,758.11	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-131.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*87.91*	

26 05 36 00-1100 12" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1101	EA	6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	613.50	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.68*	
26 05 36 00-1102	EA	9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	657.19	251.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.86*	
26 05 36 00-1103	EA	12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	682.60	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1104	EA	18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	760.02	281.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.00*	
26 05 36 00-1105	EA	24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	832.04	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.60*	
26 05 36 00-1106	EA	30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	922.92	341.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.15*	
26 05 36 00-1107	EA	36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,055.11	368.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.76*	

26 05 36 00-1108 24" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1109	EA	6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	854.28	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.71*	
26 05 36 00-1110	EA	9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	893.60	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.68*	
26 05 36 00-1111	EA	12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	935.34	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.77*	
26 05 36 00-1112	EA	18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	991.02	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.55*	
26 05 36 00-1113	EA	24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,113.90	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.70*	
26 05 36 00-1114	EA	30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,200.01	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.00*	
26 05 36 00-1115	EA	36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,328.08	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.40*	

26 05 36 00-1116 36" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1117	EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,201.33	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.07*	
26 05 36 00-1118	EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,263.57	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.18*	
26 05 36 00-1119	EA	12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,345.11	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.26*	
26 05 36 00-1120	EA	18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,441.21	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.06*	
26 05 36 00-1121	EA	24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,749.51	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*87.48*	
26 05 36 00-1122	EA	30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,931.09	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-153.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*96.55*	
26 05 36 00-1123	EA	36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,149.89	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-170.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*107.49*	

26 05 36 00-1124 9" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-1125 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1126	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	249.77	100.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.49*	
26 05 36 00-1127	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	275.10	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.76*	
26 05 36 00-1128	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	310.85	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.54*	
26 05 36 00-1129	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	370.92	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.55*	
26 05 36 00-1130	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	436.37	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.82*	
26 05 36 00-1131	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	481.82	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.09*	
26 05 36 00-1132	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	560.90	228.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.05*	

26 05 36 00-1133 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1134	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	320.63	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.03*	
26 05 36 00-1135	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	352.86	119.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.64*	
26 05 36 00-1136	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	382.55	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.13*	
26 05 36 00-1137	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	449.80	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.49*	
26 05 36 00-1138	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	510.67	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.53*	
26 05 36 00-1139	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	571.72	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.59*	
26 05 36 00-1140	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	655.36	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.77*	
26 05 36 00-1141		90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*		
26 05 36 00-1142	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	343.17	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.16*	
26 05 36 00-1143	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	375.88	125.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.79*	
26 05 36 00-1144	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	419.88	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.99*	
26 05 36 00-1145	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	503.67	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.18*	
26 05 36 00-1146	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	582.37	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.12*	
26 05 36 00-1147	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	657.67	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.88*	
26 05 36 00-1148	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	765.28	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.26*	
26 05 36 00-1149		45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*		
26 05 36 00-1150	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	175.50	72.51
		For 60 Degree Bend, Deduct	*-30.13*	
		For 30 Degree Bend, Deduct	*-54.24*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.78*	
26 05 36 00-1151	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	201.68	86.98
		For 60 Degree Bend, Deduct	*-33.23*	
		For 30 Degree Bend, Deduct	*-60.21*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.08*	
26 05 36 00-1152	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	225.13	99.76
		For 60 Degree Bend, Deduct	*-36.06*	
		For 30 Degree Bend, Deduct	*-65.63*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.26*	
26 05 36 00-1153	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	279.49	126.08
		For 60 Degree Bend, Deduct	*-43.91*	
		For 30 Degree Bend, Deduct	*-80.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.97*	
26 05 36 00-1154	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	343.58	154.42
		For 60 Degree Bend, Deduct	*-54.19*	
		For 30 Degree Bend, Deduct	*-98.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.18*	
26 05 36 00-1155	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	394.31	177.26
		For 60 Degree Bend, Deduct	*-62.16*	
		For 30 Degree Bend, Deduct	*-113.46*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.72*	
26 05 36 00-1156	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	449.89	208.09
		For 60 Degree Bend, Deduct	*-68.69*	
		For 30 Degree Bend, Deduct	*-126.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.49*	
26 05 36 00-1157		45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1158	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	198.23	74.81
		For 60 Degree Bend, Deduct	*-36.75*	
		For 30 Degree Bend, Deduct	*-65.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.91*	
26 05 36 00-1159	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	232.34	90.18
		For 60 Degree Bend, Deduct	*-42.10*	
		For 30 Degree Bend, Deduct	*-75.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.62*	
26 05 36 00-1160	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	257.66	104.14
		For 60 Degree Bend, Deduct	*-45.11*	
		For 30 Degree Bend, Deduct	*-80.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.88*	
26 05 36 00-1161	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	312.10	132.97
		For 60 Degree Bend, Deduct	*-52.01*	
		For 30 Degree Bend, Deduct	*-94.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.61*	
26 05 36 00-1162	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	380.40	165.19
		For 60 Degree Bend, Deduct	*-62.22*	
		For 30 Degree Bend, Deduct	*-112.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.02*	
26 05 36 00-1163	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	445.48	191.63
		For 60 Degree Bend, Deduct	*-73.57*	
		For 30 Degree Bend, Deduct	*-133.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.27*	
26 05 36 00-1164	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	512.64	228.13
		For 60 Degree Bend, Deduct	*-81.74*	
		For 30 Degree Bend, Deduct	*-148.90*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.63*	

26 05 36 00-1165 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1166	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	227.45	77.20
		For 60 Degree Bend, Deduct	*-45.48*	
		For 30 Degree Bend, Deduct	*-80.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.37*	
26 05 36 00-1167	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	257.19	93.76
		For 60 Degree Bend, Deduct	*-48.94*	
		For 30 Degree Bend, Deduct	*-86.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.86*	
26 05 36 00-1168	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	284.42	108.83
		For 60 Degree Bend, Deduct	*-52.14*	
		For 30 Degree Bend, Deduct	*-92.95*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.22*	
26 05 36 00-1169	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	348.38	140.85
		For 60 Degree Bend, Deduct	*-60.96*	
		For 30 Degree Bend, Deduct	*-109.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.42*	
26 05 36 00-1170	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	434.27	177.26
		For 60 Degree Bend, Deduct	*-75.35*	
		For 30 Degree Bend, Deduct	*-135.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.71*	
26 05 36 00-1171	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	494.05	208.09
		For 60 Degree Bend, Deduct	*-83.26*	
		For 30 Degree Bend, Deduct	*-150.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.70*	
26 05 36 00-1172	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	581.76	251.87
		For 60 Degree Bend, Deduct	*-95.42*	
		For 30 Degree Bend, Deduct	*-173.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.09*	

26 05 36 00-1173 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1174	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	281.91	99.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.10*	
26 05 36 00-1175	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	311.90	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.60*	
26 05 36 00-1176	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	333.99	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.70*	
26 05 36 00-1177	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	385.64	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1178	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	430.06	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.50*	
26 05 36 00-1179	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	473.41	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.67*	
26 05 36 00-1180	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	524.69	227.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.23*	

26 05 36 00-1181 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1182	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	298.55	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.93*	
26 05 36 00-1183	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	329.89	119.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.49*	
26 05 36 00-1184	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	355.21	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.76*	
26 05 36 00-1185	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	416.15	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.81*	
26 05 36 00-1186	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	468.61	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.43*	
26 05 36 00-1187	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	520.19	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.01*	
26 05 36 00-1188	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	588.07	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.40*	

26 05 36 00-1189 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1190	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	374.71	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.74*	
26 05 36 00-1191	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	407.59	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.38*	
26 05 36 00-1192	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	445.12	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.26*	
26 05 36 00-1193	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	514.18	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.71*	
26 05 36 00-1194	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	573.96	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.70*	
26 05 36 00-1195	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	642.95	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.15*	
26 05 36 00-1196	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	723.22	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.16*	

26 05 36 00-1197 12" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1198	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	447.58	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.38*	
26 05 36 00-1199	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	483.53	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.18*	
26 05 36 00-1200	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	501.27	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.06*	
26 05 36 00-1201	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	565.14	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.26*	
26 05 36 00-1202	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	625.90	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.30*	
26 05 36 00-1203	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	682.04	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.10*	
26 05 36 00-1204	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	786.19	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.31*	

26 05 36 00-1205 24" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1206	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	565.55	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1207	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	611.48	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.57*	
26 05 36 00-1208	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	636.64	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.83*	
26 05 36 00-1209	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	701.61	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.08*	
26 05 36 00-1210	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	780.56	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.03*	
26 05 36 00-1211	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	840.87	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.04*	
26 05 36 00-1212	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,087.40	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.37*	

26 05 36 00-1213 36" Radius Horizontal Tees *(26 05 36 00-1124)*

26 05 36 00-1214	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	689.29	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.46*	
26 05 36 00-1215	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	737.38	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.87*	
26 05 36 00-1216	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	789.93	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.50*	
26 05 36 00-1217	EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	864.68	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.23*	
26 05 36 00-1218	EA	24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	973.13	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.66*	
26 05 36 00-1219	EA	30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,125.26	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.26*	
26 05 36 00-1220	EA	36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,292.75	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.64*	

26 05 36 00-1221 12" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1222	EA	6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	583.58	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.18*	
26 05 36 00-1223	EA	9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	603.64	184.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.18*	
26 05 36 00-1224	EA	12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	617.92	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.90*	
26 05 36 00-1225	EA	18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	651.77	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.59*	
26 05 36 00-1226	EA	24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	692.64	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.63*	
26 05 36 00-1227	EA	30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	735.48	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.77*	
26 05 36 00-1228	EA	36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	789.93	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.50*	

26 05 36 00-1229 24" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1230	EA	6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	807.19	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.36*	
26 05 36 00-1231	EA	9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	826.71	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.34*	
26 05 36 00-1232	EA	12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	847.35	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.37*	
26 05 36 00-1233	EA	18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	895.38	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.77*	
26 05 36 00-1234	EA	24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	926.85	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.34*	
26 05 36 00-1235	EA	30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	983.41	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1236	EA	36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,087.60	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.38*	

26 05 36 00-1237 36" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1238	EA	6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,274.99	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.75*	
26 05 36 00-1239	EA	9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,302.67	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.13*	
26 05 36 00-1240	EA	12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,332.40	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.62*	
26 05 36 00-1241	EA	18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,384.15	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.21*	
26 05 36 00-1242	EA	24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,419.31	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.97*	
26 05 36 00-1243	EA	30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,511.28	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.56*	
26 05 36 00-1244	EA	36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,593.93	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.70*	

26 05 36 00-1245 12" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1246	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	577.75	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.89*	
26 05 36 00-1247	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	617.51	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.88*	
26 05 36 00-1248	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	642.72	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.14*	
26 05 36 00-1249	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	711.48	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.57*	
26 05 36 00-1250	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	781.99	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.10*	
26 05 36 00-1251	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	863.78	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.19*	
26 05 36 00-1252	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	982.25	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.11*	

26 05 36 00-1253 24" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1254	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	785.73	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.29*	
26 05 36 00-1255	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	822.94	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.15*	
26 05 36 00-1256	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	862.58	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.13*	
26 05 36 00-1257	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	914.47	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.72*	
26 05 36 00-1258	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,030.62	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.53*	
26 05 36 00-1259	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,110.84	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.54*	
26 05 36 00-1260	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,227.55	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.38*	

26 05 36 00-1261 36" Radius Horizontal Crosses *(26 05 36 00-1124)*

26 05 36 00-1262	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	902.53	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.13*	
26 05 36 00-1263	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	952.33	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.62*	
26 05 36 00-1264	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,015.19	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,089.50	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.48*	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,313.78	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.69*	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,448.67	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.43*	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,613.00	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.65*	

26 05 36 00-1269 12" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	577.75	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.89*	
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	617.51	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.88*	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	642.72	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.14*	
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	711.48	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.57*	
26 05 36 00-1274	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	781.99	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.10*	
26 05 36 00-1275	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	863.78	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.19*	
26 05 36 00-1276	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	980.75	367.58
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.04*	

26 05 36 00-1277 24" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1278	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	785.73	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.29*	
26 05 36 00-1279	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	822.94	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.15*	
26 05 36 00-1280	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	862.58	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.13*	
26 05 36 00-1281	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	914.47	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.72*	
26 05 36 00-1282	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,030.62	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.53*	
26 05 36 00-1283	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,110.84	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.54*	
26 05 36 00-1284	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,227.55	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.38*	

26 05 36 00-1285 36" Radius Vertical Crosses *(26 05 36 00-1124)*

26 05 36 00-1286	EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,084.23	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.21*	
26 05 36 00-1287	EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,141.60	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.08*	
26 05 36 00-1288	EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,215.82	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.79*	
26 05 36 00-1289	EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,303.38	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.17*	
26 05 36 00-1290	EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,578.75	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.94*	
26 05 36 00-1291	EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,742.03	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*87.10*	
26 05 36 00-1292	EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,939.49	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-149.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*96.97*	

26 05 36 00-1293 12" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-1294 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1293)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1295	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	243.95	100.05
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.20*	
26 05 36 00-1296	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	269.14	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.46*	
26 05 36 00-1297	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	303.79	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.19*	
26 05 36 00-1298	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	362.97	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.15*	
26 05 36 00-1299	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	426.51	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.33*	
26 05 36 00-1300	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	471.37	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.57*	
26 05 36 00-1301	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	548.24	228.03
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.41*	

26 05 36 00-1302 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1303	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	310.32	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.52*	
26 05 36 00-1304	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	342.11	119.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.11*	
26 05 36 00-1305	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	371.29	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.56*	
26 05 36 00-1306	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	437.58	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.88*	
26 05 36 00-1307	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	497.28	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.86*	
26 05 36 00-1308	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	557.07	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.85*	
26 05 36 00-1309	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	638.88	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.94*	

26 05 36 00-1310 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1311	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	331.83	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.59*	
26 05 36 00-1312	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	364.25	125.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.21*	
26 05 36 00-1313	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	406.93	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.35*	
26 05 36 00-1314	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	489.09	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.45*	
26 05 36 00-1315	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	565.89	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.29*	
26 05 36 00-1316	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	639.56	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.98*	
26 05 36 00-1317	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	744.52	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.23*	

26 05 36 00-1318 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1319	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	171.67	72.51
		For 60 Degree Bend, Deduct	*-28.86*	
		For 30 Degree Bend, Deduct	*-52.13*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.58*	
26 05 36 00-1320	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	197.71	86.98
		For 60 Degree Bend, Deduct	*-31.92*	
		For 30 Degree Bend, Deduct	*-58.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.89*	
26 05 36 00-1321	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	221.01	99.76
		For 60 Degree Bend, Deduct	*-34.70*	
		For 30 Degree Bend, Deduct	*-63.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1322	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	274.63	126.08
		For 60 Degree Bend, Deduct	*-42.31*	
		For 30 Degree Bend, Deduct	*-77.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.73*	
26 05 36 00-1323	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	337.55	154.42
		For 60 Degree Bend, Deduct	*-52.20*	
		For 30 Degree Bend, Deduct	*-95.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.88*	
26 05 36 00-1324	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	387.39	177.26
		For 60 Degree Bend, Deduct	*-59.88*	
		For 30 Degree Bend, Deduct	*-109.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.37*	
26 05 36 00-1325	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	442.67	208.09
		For 60 Degree Bend, Deduct	*-66.31*	
		For 30 Degree Bend, Deduct	*-122.07*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.13*	

26 05 36 00-1326 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1327	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	193.08	74.81
		For 60 Degree Bend, Deduct	*-35.05*	
		For 30 Degree Bend, Deduct	*-62.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.65*	
26 05 36 00-1328	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	226.60	90.18
		For 60 Degree Bend, Deduct	*-40.20*	
		For 30 Degree Bend, Deduct	*-72.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.33*	
26 05 36 00-1329	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	251.77	104.14
		For 60 Degree Bend, Deduct	*-43.17*	
		For 30 Degree Bend, Deduct	*-77.73*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.59*	
26 05 36 00-1330	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	305.77	132.97
		For 60 Degree Bend, Deduct	*-49.92*	
		For 30 Degree Bend, Deduct	*-90.59*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.29*	
26 05 36 00-1331	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	373.04	165.19
		For 60 Degree Bend, Deduct	*-59.80*	
		For 30 Degree Bend, Deduct	*-108.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.65*	
26 05 36 00-1332	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	436.65	191.63
		For 60 Degree Bend, Deduct	*-70.66*	
		For 30 Degree Bend, Deduct	*-128.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.83*	
26 05 36 00-1333	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	503.36	228.13
		For 60 Degree Bend, Deduct	*-78.67*	
		For 30 Degree Bend, Deduct	*-143.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.17*	

26 05 36 00-1334 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1293)*

26 05 36 00-1335	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	220.53	77.20
		For 60 Degree Bend, Deduct	*-43.19*	
		For 30 Degree Bend, Deduct	*-76.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.03*	
26 05 36 00-1336	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	250.13	93.76
		For 60 Degree Bend, Deduct	*-46.61*	
		For 30 Degree Bend, Deduct	*-82.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.51*	
26 05 36 00-1337	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	277.20	108.83
		For 60 Degree Bend, Deduct	*-49.76*	
		For 30 Degree Bend, Deduct	*-88.98*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.86*	
26 05 36 00-1338	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	340.43	140.85
		For 60 Degree Bend, Deduct	*-58.33*	
		For 30 Degree Bend, Deduct	*-105.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.02*	
26 05 36 00-1339	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	424.55	177.26
		For 60 Degree Bend, Deduct	*-72.14*	
		For 30 Degree Bend, Deduct	*-130.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1340	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	483.74	208.09
		For 60 Degree Bend, Deduct	*-79.86*	
		For 30 Degree Bend, Deduct	*-144.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.19*	
26 05 36 00-1341	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	570.42	251.87
		For 60 Degree Bend, Deduct	*-91.68*	
		For 30 Degree Bend, Deduct	*-166.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.52*	

26 05 36 00-1342 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1293)*

26 05 36 00-1343	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	270.35	99.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.52*	
26 05 36 00-1344	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	299.71	113.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.99*	
26 05 36 00-1345	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	321.58	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.08*	
26 05 36 00-1346	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	372.81	154.42
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.64*	
26 05 36 00-1347	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	416.60	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.83*	
26 05 36 00-1348	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	459.32	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.97*	
26 05 36 00-1349	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	510.18	227.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.51*	

26 05 36 00-1350 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1293)*

26 05 36 00-1351	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	286.03	104.04
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.30*	
26 05 36 00-1352	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	316.85	119.70
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.84*	
26 05 36 00-1353	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	341.86	132.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.09*	
26 05 36 00-1354	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	402.06	165.19
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.10*	
26 05 36 00-1355	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	453.68	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.68*	
26 05 36 00-1356	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	504.42	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.22*	
26 05 36 00-1357	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	571.24	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.56*	

26 05 36 00-1358 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1293)*

26 05 36 00-1359	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	355.37	108.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.77*	
26 05 36 00-1360	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	387.82	125.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.39*	
26 05 36 00-1361	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	424.09	140.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.20*	
26 05 36 00-1362	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	492.31	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.62*	
26 05 36 00-1363	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	551.25	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.56*	
26 05 36 00-1364	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	618.55	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.93*	
26 05 36 00-1365	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	697.78	281.30
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.89*	

26 05 36 00-1366 12" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1367	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	434.75	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	469.86	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.49*	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	487.39	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.37*	
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	548.52	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.43*	
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	607.60	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.38*	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	660.80	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.04*	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	760.75	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.04*	

26 05 36 00-1374 24" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	543.68	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.18*	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	588.35	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.42*	
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	612.87	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.64*	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	675.74	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.79*	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	752.38	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.62*	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	809.95	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.50*	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,040.08	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.00*	

26 05 36 00-1382 36" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	658.37	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.92*	
26 05 36 00-1384	EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	705.63	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.28*	
26 05 36 00-1385	EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	755.23	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.76*	
26 05 36 00-1386	EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	828.09	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.40*	
26 05 36 00-1387	EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	932.76	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.64*	
26 05 36 00-1388	EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,074.15	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.71*	
26 05 36 00-1389	EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,235.97	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.80*	

26 05 36 00-1390 12" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1391	EA	6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	554.77	177.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.74*	
26 05 36 00-1392	EA	9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	573.99	184.24
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.70*	
26 05 36 00-1393	EA	12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	588.06	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.40*	
26 05 36 00-1394	EA	18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	621.28	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.06*	
26 05 36 00-1395	EA	24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	659.62	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.98*	
26 05 36 00-1396	EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	701.83	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1397	EA	36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	755.23	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.76*	
26 05 36 00-1398		**24" Radius Vertical Tees** *(26 05 36 00-1293)*		
26 05 36 00-1399	EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	758.40	191.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.92*	
26 05 36 00-1400	EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	777.29	199.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.86*	
26 05 36 00-1401	EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	797.30	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.87*	
26 05 36 00-1402	EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	843.86	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.19*	
26 05 36 00-1403	EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	874.06	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.70*	
26 05 36 00-1404	EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	929.36	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.47*	
26 05 36 00-1405	EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,028.71	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.44*	
26 05 36 00-1406		**36" Radius Vertical Tees** *(26 05 36 00-1293)*		
26 05 36 00-1407	EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,182.18	208.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.11*	
26 05 36 00-1408	EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,208.65	217.45
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.43*	
26 05 36 00-1409	EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,237.18	228.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.86*	
26 05 36 00-1410	EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,287.72	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.39*	
26 05 36 00-1411	EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,321.68	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.08*	
26 05 36 00-1412	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,410.03	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.50*	
26 05 36 00-1413	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,491.48	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-120.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.57*	
26 05 36 00-1414		**12" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1415	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	559.88	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.99*	
26 05 36 00-1416	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	597.74	251.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.89*	
26 05 36 00-1417	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	622.75	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.14*	
26 05 36 00-1418	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	687.30	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.37*	
26 05 36 00-1419	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	756.96	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.85*	
26 05 36 00-1420	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	834.34	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.72*	
26 05 36 00-1421	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	945.45	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.27*	
26 05 36 00-1422		**24" Radius Horizontal Crosses** *(26 05 36 00-1293)*		
26 05 36 00-1423	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	751.45	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.57*	
26 05 36 00-1424	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	787.61	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.38*	
26 05 36 00-1425	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	826.19	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1426	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	876.20	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.81*	
26 05 36 00-1427	EA	24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	988.98	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.45*	
26 05 36 00-1428	EA	30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,066.26	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.31*	
26 05 36 00-1429	EA	36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,177.29	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.86*	

26 05 36 00-1430 36" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1431	EA	6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	862.16	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.11*	
26 05 36 00-1432	EA	9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	910.27	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.51*	
26 05 36 00-1433	EA	12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	970.61	341.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.53*	
26 05 36 00-1434	EA	18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,041.98	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.10*	
26 05 36 00-1435	EA	24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,254.89	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.74*	
26 05 36 00-1436	EA	30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,383.47	478.01
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.17*	
26 05 36 00-1437	EA	36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,540.45	532.47
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.02*	

26 05 36 00-1438 12" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1439	EA	6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	559.88	239.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.99*	
26 05 36 00-1440	EA	9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	597.88	251.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.89*	
26 05 36 00-1441	EA	12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	622.67	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.13*	
26 05 36 00-1442	EA	18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	687.47	281.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.37*	
26 05 36 00-1443	EA	24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	756.96	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.85*	
26 05 36 00-1444	EA	30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	834.60	341.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.73*	
26 05 36 00-1445	EA	36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	944.70	368.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.24*	

26 05 36 00-1446 24" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1447	EA	6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	751.45	265.73
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.57*	
26 05 36 00-1448	EA	9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	787.61	281.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.38*	
26 05 36 00-1449	EA	12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	826.19	299.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.31*	
26 05 36 00-1450	EA	18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	876.20	319.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.81*	
26 05 36 00-1451	EA	24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	988.98	368.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.45*	
26 05 36 00-1452	EA	30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,066.26	399.00
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.31*	
26 05 36 00-1453	EA	36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,177.29	434.92
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.86*	

26 05 36 00-1454 36" Radius Vertical Crosses *(26 05 36 00-1293)*

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	CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1455	EA		6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,025.68	299.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.63*	
			For 6" Overall Height Instead Of 4-5/8", Add	*51.28*	
26 05 36 00-1456	EA		9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,080.61	319.00
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.47*	
			For 6" Overall Height Instead Of 4-5/8", Add	*54.03*	
26 05 36 00-1457	EA		12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,151.17	341.65
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.65*	
			For 6" Overall Height Instead Of 4-5/8", Add	*57.56*	
26 05 36 00-1458	EA		18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,234.46	368.59
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.73*	
			For 6" Overall Height Instead Of 4-5/8", Add	*61.72*	
26 05 36 00-1459	EA		24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,493.37	434.92
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.09*	
			For 6" Overall Height Instead Of 4-5/8", Add	*74.67*	
26 05 36 00-1460	EA		30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,647.50	478.01
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.91*	
			For 6" Overall Height Instead Of 4-5/8", Add	*82.38*	
26 05 36 00-1461	EA		36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,834.29	532.47
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.06*	
			For 6" Overall Height Instead Of 4-5/8", Add	*91.71*	

26 05 36 00-1462 Dropout Or End Plates And Reducers *(26 05 36 00-0744)*

26 05 36 00-1463 Straight Reducers *(26 05 36 00-1462)*

26 05 36 00-1464	EA		9"-6" Reducer, Aluminum Cable Tray	217.36	73.62
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.60*	
			For 6" Overall Height Instead Of 4-5/8", Add	*10.87*	
26 05 36 00-1465	EA		12"-9" Reducer, Aluminum Cable Tray	229.60	79.70
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.32*	
			For 6" Overall Height Instead Of 4-5/8", Add	*11.48*	
26 05 36 00-1466	EA		18"-12" Reducer, Aluminum Cable Tray	252.21	91.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.55*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.61*	
26 05 36 00-1467	EA		24"-18" Reducer, Aluminum Cable Tray	278.31	106.44
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.96*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.92*	
26 05 36 00-1468	EA		30"-24" Reducer, Aluminum Cable Tray	302.55	119.70
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.28*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.13*	
26 05 36 00-1469	EA		36"-30" Reducer, Aluminum Cable Tray	337.31	136.76
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.33*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.87*	

26 05 36 00-1470 Reducers *(26 05 36 00-1462)*

26 05 36 00-1471	EA		18"-6" Reducer, Aluminum Cable Tray	252.31	92.07
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.56*	
			For 6" Overall Height Instead Of 4-5/8", Add	*12.62*	
26 05 36 00-1472	EA		24"-12" Reducer, Aluminum Cable Tray	278.56	106.54
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.98*	
			For 6" Overall Height Instead Of 4-5/8", Add	*13.93*	
26 05 36 00-1473	EA		30"-12" Reducer, Aluminum Cable Tray	302.39	119.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.27*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.12*	
26 05 36 00-1474	EA		30"-18" Reducer, Aluminum Cable Tray	304.33	119.50
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.47*	
			For 6" Overall Height Instead Of 4-5/8", Add	*15.22*	
26 05 36 00-1475	EA		36"-12" Reducer, Aluminum Cable Tray	335.20	136.76
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.12*	
			For 6" Overall Height Instead Of 4-5/8", Add	*16.76*	
26 05 36 00-1476	EA		36"-18" Reducer, Aluminum Cable Tray	343.30	140.35
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.63*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.17*	
26 05 36 00-1477	EA		36"-24" Reducer, Aluminum Cable Tray	354.97	144.84
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.43*	
			For 6" Overall Height Instead Of 4-5/8", Add	*17.75*	

26 05 36 00-1478 Dropout Or End Plate *(26 05 36 00-1462)*

26 05 36 00-1479	EA		6" Dropout Or End Plate, Aluminum Cable Tray	62.38	29.93
26 05 36 00-1480	EA		9" Dropout Or End Plate, Aluminum Cable Tray	70.32	34.21
26 05 36 00-1481	EA		12" Dropout Or End Plate, Aluminum Cable Tray	75.85	36.81
26 05 36 00-1482	EA		18" Dropout Or End Plate, Aluminum Cable Tray	91.96	43.49
26 05 36 00-1483	EA		24" Dropout Or End Plate, Aluminum Cable Tray	102.62	47.88
26 05 36 00-1484	EA		30" Dropout Or End Plate, Aluminum Cable Tray	115.81	53.17
26 05 36 00-1485	EA		36" Dropout Or End Plate, Aluminum Cable Tray	129.94	59.85

26 05 36 00-1486 Solid Bottom Cable Tray *(26 05 36 00-0001)*

Note: 3-5/8" Height.

26 05 36 00-1487 Solid Bottom Galvanized Steel Straight Tray Sections *(26 05 36 00-1486)*

26 05 36 00-1488	LF		6" Solid Bottom Steel Cable Tray, Straight Section	23.74	7.78
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.26*	
26 05 36 00-1489	LF		12" Solid Bottom Steel Cable Tray, Straight Section	29.53	9.58
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.84*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1490	LF	18" Solid Bottom Steel Cable Tray, Straight Section	39.64	13.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.65*	
26 05 36 00-1491	LF	24" Solid Bottom Steel Cable Tray, Straight Section	45.83	15.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.24*	
26 05 36 00-1492	LF	30" Solid Bottom Steel Cable Tray, Straight Section	54.96	19.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.06*	
26 05 36 00-1493	LF	36" Solid Bottom Steel Cable Tray, Straight Section	69.57	21.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.80*	

26 05 36 00-1494 Solid Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1495 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1496	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	247.31	99.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*20.46*	
26 05 36 00-1497	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	324.82	140.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.31*	
26 05 36 00-1498	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	399.09	177.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.32*	
26 05 36 00-1499	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	489.28	217.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.09*	
26 05 36 00-1500	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	571.11	252.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.61*	
26 05 36 00-1501	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	641.25	281.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.22*	

26 05 36 00-1502 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1503	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	288.25	103.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.91*	
26 05 36 00-1504	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	384.00	149.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.64*	
26 05 36 00-1505	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	474.72	191.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.28*	
26 05 36 00-1506	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	580.33	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.15*	
26 05 36 00-1507	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	680.85	281.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.25*	
26 05 36 00-1508	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	769.72	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.29*	

26 05 36 00-1509 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1510	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	349.36	108.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.31*	
26 05 36 00-1511	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	455.86	159.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.74*	
26 05 36 00-1512	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	578.85	208.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.09*	
26 05 36 00-1513	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	693.88	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.79*	
26 05 36 00-1514	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	832.86	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.76*	
26 05 36 00-1515	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	951.10	367.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*81.39*	

26 05 36 00-1516 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1517	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	227.19	99.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*17.43*	
26 05 36 00-1518	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	302.16	140.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.91*	
26 05 36 00-1519	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	372.83	177.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.41*	
26 05 36 00-1520	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	457.18	217.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.33*	
26 05 36 00-1521	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	533.46	252.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.97*	
26 05 36 00-1522	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	597.47	281.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.74*	

26 05 36 00-1523 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1524	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	259.63	104.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.60*	
26 05 36 00-1525	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	350.16	149.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.59*	
26 05 36 00-1526	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	436.28	191.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.47*	
26 05 36 00-1527	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	535.00	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.35*	
26 05 36 00-1528	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	628.71	281.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.34*	
26 05 36 00-1529	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	710.22	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.36*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1530		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1531	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	307.52	108.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.00*	
26 05 36 00-1532	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	383.72	144.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.39*	
26 05 36 00-1533	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	520.97	208.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.41*	
26 05 36 00-1534	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	631.95	266.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.42*	
26 05 36 00-1535	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	757.58	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.46*	
26 05 36 00-1536	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	868.01	368.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.78*	
26 05 36 00-1537		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1538	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	264.68	99.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.11*	
26 05 36 00-1539	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	337.78	140.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.25*	
26 05 36 00-1540	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	400.70	177.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.56*	
26 05 36 00-1541	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	486.04	217.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.61*	
26 05 36 00-1542	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	551.68	252.37
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.70*	
26 05 36 00-1543	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	604.76	281.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.84*	
26 05 36 00-1544		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1545	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	312.53	103.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.55*	
26 05 36 00-1546	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	401.81	149.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.31*	
26 05 36 00-1547	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	484.44	191.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.74*	
26 05 36 00-1548	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	578.71	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.91*	
26 05 36 00-1549	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	658.18	281.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.85*	
26 05 36 00-1550	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	738.96	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.67*	
26 05 36 00-1551		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1552	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	370.40	108.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.46*	
26 05 36 00-1553	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	454.21	145.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.92*	
26 05 36 00-1554	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	578.85	208.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.09*	
26 05 36 00-1555	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	697.12	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.27*	
26 05 36 00-1556	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	808.58	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.11*	
26 05 36 00-1557	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	913.86	367.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.81*	
26 05 36 00-1558		**12" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1559	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	432.63	191.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.96*	
26 05 36 00-1560	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	521.41	239.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.37*	
26 05 36 00-1561	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	615.35	281.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.34*	
26 05 36 00-1562	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	734.18	342.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.06*	
26 05 36 00-1563	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	800.41	368.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.64*	
26 05 36 00-1564	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	938.65	434.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.30*	
26 05 36 00-1565		**24" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1566	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	523.31	208.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.81*	
26 05 36 00-1567	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	648.55	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.99*	
26 05 36 00-1568	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	760.01	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.83*	
26 05 36 00-1569	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	974.24	399.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.64*	
26 05 36 00-1570	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,061.69	434.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1571	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,251.74	532.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.01*	

26 05 36 00-1572 36" Radius Horizontal Tees *(26 05 36 00-1494)*

26 05 36 00-1573	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	657.00	228.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.54*	
26 05 36 00-1574	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	807.99	299.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.32*	
26 05 36 00-1575	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	950.98	368.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*81.22*	
26 05 36 00-1576	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,157.21	434.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*101.09*	
26 05 36 00-1577	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,268.81	479.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*110.39*	
26 05 36 00-1578	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,483.21	598.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*122.73*	

26 05 36 00-1579 12" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1580	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	505.48	191.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.89*	
26 05 36 00-1581	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	593.28	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.09*	
26 05 36 00-1582	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	640.46	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.78*	
26 05 36 00-1583	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	685.71	281.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.98*	
26 05 36 00-1584	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	763.25	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.31*	
26 05 36 00-1585	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	853.84	368.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.65*	

26 05 36 00-1586 24" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1587	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	622.07	208.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.63*	
26 05 36 00-1588	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	731.12	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*65.37*	
26 05 36 00-1589	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	801.51	299.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.35*	
26 05 36 00-1590	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	849.05	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.18*	
26 05 36 00-1591	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	962.31	368.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.92*	
26 05 36 00-1592	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,089.21	434.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.89*	

26 05 36 00-1593 36" Radius Vertical Tees *(26 05 36 00-1494)*

26 05 36 00-1594	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	808.61	227.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.33*	
26 05 36 00-1595	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	935.89	299.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.51*	
26 05 36 00-1596	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,038.87	341.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*98.89*	
26 05 36 00-1597	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,099.93	368.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.57*	
26 05 36 00-1598	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,291.59	434.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*121.24*	
26 05 36 00-1599	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,395.77	478.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*129.69*	

26 05 36 00-1600 12" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1601	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	535.00	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.35*	
26 05 36 00-1602	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	616.97	281.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.58*	
26 05 36 00-1603	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	742.59	341.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.45*	
26 05 36 00-1604	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	859.29	399.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.39*	
26 05 36 00-1605	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,013.69	478.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.38*	
26 05 36 00-1606	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,125.46	532.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.07*	

26 05 36 00-1607 24" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1608	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	691.45	266.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.34*	
26 05 36 00-1609	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	808.58	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.11*	
26 05 36 00-1610	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	974.24	399.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1611	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,195.95	479.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.46*	
26 05 36 00-1612	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,316.50	532.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*108.73*	
26 05 36 00-1613	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,450.83	598.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*117.87*	

26 05 36 00-1614 36" Radius Horizontal Crosses *(26 05 36 00-1494)*

26 05 36 00-1615	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	903.51	299.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.65*	
26 05 36 00-1616	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,059.45	368.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*97.49*	
26 05 36 00-1617	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,285.00	479.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*112.82*	
26 05 36 00-1618	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,462.21	532.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*130.58*	
26 05 36 00-1619	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,620.82	598.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*143.37*	
26 05 36 00-1620	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,802.51	683.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*156.50*	

26 05 36 00-1621 Straight Reducers *(26 05 36 00-1494)*

26 05 36 00-1622	EA	12"-6" Reducer, Solid Bottom, Steel Cable Tray	212.33	79.80
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*18.55*	
26 05 36 00-1623	EA	18"-12" Reducer, Solid Bottom, Steel Cable Tray	231.27	90.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.66*	
26 05 36 00-1624	EA	24"-18" Reducer, Solid Bottom, Steel Cable Tray	257.37	103.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.29*	
26 05 36 00-1625	EA	30"-24" Reducer, Solid Bottom, Steel Cable Tray	290.16	119.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.57*	
26 05 36 00-1626	EA	36"-30" Reducer, Solid Bottom, Steel Cable Tray	315.18	132.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.15*	

26 05 36 00-1627 Reducers *(26 05 36 00-1494)*

26 05 36 00-1628	EA	18"-6" Reducer, Solid Bottom, Steel Cable Tray	231.36	90.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*19.66*	
26 05 36 00-1629	EA	24"-12" Reducer, Solid Bottom, Steel Cable Tray	256.11	104.14
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*21.06*	
26 05 36 00-1630	EA	30"-12" Reducer, Solid Bottom, Steel Cable Tray	286.77	119.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.08*	
26 05 36 00-1631	EA	30"-18" Reducer, Solid Bottom, Steel Cable Tray	288.22	119.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.32*	
26 05 36 00-1632	EA	36"-12" Reducer, Solid Bottom, Steel Cable Tray	313.56	132.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.91*	
26 05 36 00-1633	EA	36"-18" Reducer, Solid Bottom, Steel Cable Tray	315.18	132.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.15*	
26 05 36 00-1634	EA	36"-24" Reducer, Solid Bottom, Steel Cable Tray	317.19	132.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.41*	

26 05 36 00-1635 Dropout Or End Plate *(26 05 36 00-1494)*

26 05 36 00-1636	EA	6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	66.38	29.93
26 05 36 00-1637	EA	12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	81.41	36.51
26 05 36 00-1638	EA	18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	94.24	43.29
26 05 36 00-1639	EA	24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	105.78	47.88
26 05 36 00-1640	EA	30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	117.72	53.17
26 05 36 00-1641	EA	36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	130.93	59.85

26 05 36 00-1642 Solid Bottom Aluminum Straight Cable Tray Sections *(26 05 36 00-1486)*

26 05 36 00-1643	LF	6" Solid Bottom Aluminum Cable Tray, Straight Section	27.22	6.28
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.03*	
26 05 36 00-1644	LF	12" Solid Bottom Aluminum Cable Tray, Straight Section	34.22	7.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.91*	
26 05 36 00-1645	LF	18" Solid Bottom Aluminum Cable Tray, Straight Section	43.59	9.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.93*	
26 05 36 00-1646	LF	24" Solid Bottom Aluminum Cable Tray, Straight Section	52.34	10.57
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.10*	
26 05 36 00-1647	LF	30" Solid Bottom Aluminum Cable Tray, Straight Section	63.77	13.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*7.29*	
26 05 36 00-1648	LF	36" Solid Bottom Steel Aluminum Tray, Straight Section	76.51	14.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*8.98*	

26 05 36 00-1649 Solid Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1650 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1651	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	300.95	99.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.51*	
26 05 36 00-1652	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	360.97	125.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.19*	
26 05 36 00-1653	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	419.66	140.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1654	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	487.95	165.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.64*	
26 05 36 00-1655	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	578.38	191.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.79*	
26 05 36 00-1656	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	653.21	217.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.68*	

26 05 36 00-1657 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1658	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	364.67	103.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.37*	
26 05 36 00-1659	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	448.99	133.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.16*	
26 05 36 00-1660	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	508.05	149.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.27*	
26 05 36 00-1661	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	615.12	177.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.72*	
26 05 36 00-1662	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	712.28	207.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.21*	
26 05 36 00-1663	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	819.60	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.04*	

26 05 36 00-1664 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1665	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	464.88	108.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.63*	
26 05 36 00-1666	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	575.72	141.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.85*	
26 05 36 00-1667	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	670.21	159.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.89*	
26 05 36 00-1668	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	752.11	191.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.93*	
26 05 36 00-1669	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	870.15	228.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*92.51*	
26 05 36 00-1670	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,016.27	265.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*108.22*	

26 05 36 00-1671 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1672	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	271.46	99.86
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.07*	
26 05 36 00-1673	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	327.66	125.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.19*	
26 05 36 00-1674	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	378.73	140.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.37*	
26 05 36 00-1675	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	440.62	164.99
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.60*	
26 05 36 00-1676	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	521.47	191.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.25*	
26 05 36 00-1677	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	588.31	217.16
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.05*	

26 05 36 00-1678 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1679	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	322.69	104.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.06*	
26 05 36 00-1680	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	398.83	132.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.66*	
26 05 36 00-1681	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	451.63	149.93
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.76*	
26 05 36 00-1682	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	544.80	177.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.17*	
26 05 36 00-1683	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	632.75	208.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.18*	
26 05 36 00-1684	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	727.07	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.16*	

26 05 36 00-1685 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1686	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	402.68	108.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.28*	
26 05 36 00-1687	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	500.33	140.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.59*	
26 05 36 00-1688	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	581.38	159.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.56*	
26 05 36 00-1689	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	657.62	191.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.67*	
26 05 36 00-1690	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	762.35	228.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.34*	
26 05 36 00-1691	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	891.55	266.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.36*	

26 05 36 00-1692 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1649)*

26 05 36 00-1693	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	325.75	99.56
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1694	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	375.70	125.68
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.40*	
26 05 36 00-1695	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	421.77	140.75
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.81*	
26 05 36 00-1696	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	473.23	165.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.43*	
26 05 36 00-1697	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	530.01	191.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.53*	
26 05 36 00-1698	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	578.55	217.16
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.59*	

26 05 36 00-1699 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1649)*

26 05 36 00-1700	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	400.42	103.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.73*	
26 05 36 00-1701	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	467.92	133.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.00*	
26 05 36 00-1702	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	514.36	149.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*52.22*	
26 05 36 00-1703	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	583.58	177.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.99*	
26 05 36 00-1704	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	651.29	207.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.06*	
26 05 36 00-1705	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	735.48	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.42*	

26 05 36 00-1706 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1649)*

26 05 36 00-1707	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	479.60	108.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.84*	
26 05 36 00-1708	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	571.52	141.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.22*	
26 05 36 00-1709	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	632.36	159.90
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.21*	
26 05 36 00-1710	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	699.54	191.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.04*	
26 05 36 00-1711	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	800.75	228.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.10*	
26 05 36 00-1712	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	879.58	265.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*87.72*	

26 05 36 00-1713 12" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1714	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	527.50	191.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*47.20*	
26 05 36 00-1715	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	614.30	217.16
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.95*	
26 05 36 00-1716	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	682.90	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.54*	
26 05 36 00-1717	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	761.29	266.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.82*	
26 05 36 00-1718	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	897.65	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*81.47*	
26 05 36 00-1719	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,085.61	399.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*96.34*	

26 05 36 00-1720 24" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1721	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	689.63	208.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.76*	
26 05 36 00-1722	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	785.95	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.99*	
26 05 36 00-1723	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	880.36	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*87.76*	
26 05 36 00-1724	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,067.99	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*107.03*	
26 05 36 00-1725	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,274.88	399.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*124.73*	
26 05 36 00-1726	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,410.52	436.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*138.87*	

26 05 36 00-1727 36" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1728	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	937.44	228.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.60*	
26 05 36 00-1729	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,052.81	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*113.63*	
26 05 36 00-1730	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,203.26	299.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*130.61*	
26 05 36 00-1731	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,432.89	367.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*153.66*	
26 05 36 00-1732	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,703.58	479.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*175.61*	
26 05 36 00-1733	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,896.90	532.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*195.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 36 00-1734 12" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1735	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	615.82	191.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.44*	
26 05 36 00-1736	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	665.30	217.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.55*	
26 05 36 00-1737	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	695.03	227.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.30*	
26 05 36 00-1738	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	734.85	239.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.39*	
26 05 36 00-1739	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	808.86	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*77.04*	
26 05 36 00-1740	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	918.68	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.63*	

26 05 36 00-1741 24" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1742	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	784.26	208.09
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.96*	
26 05 36 00-1743	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	861.66	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.35*	
26 05 36 00-1744	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	914.03	251.87
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.12*	
26 05 36 00-1745	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	979.20	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.59*	
26 05 36 00-1746	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,087.60	299.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*113.26*	
26 05 36 00-1747	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,233.11	367.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*123.69*	

26 05 36 00-1748 36" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1749	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,063.05	227.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*121.50*	
26 05 36 00-1750	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,152.51	262.55
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*129.13*	
26 05 36 00-1751	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,225.83	281.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*137.00*	
26 05 36 00-1752	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,276.86	299.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*141.65*	
26 05 36 00-1753	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,410.55	341.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*154.65*	
26 05 36 00-1754	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	817.47	434.92
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.13*	

26 05 36 00-1755 12" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1756	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	627.45	217.45
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.87*	
26 05 36 00-1757	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	697.62	239.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.74*	
26 05 36 00-1758	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	809.44	281.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.54*	
26 05 36 00-1759	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	956.31	341.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.51*	
26 05 36 00-1760	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,050.15	367.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*96.25*	
26 05 36 00-1761	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,210.74	436.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*108.91*	

26 05 36 00-1762 24" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1763	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	862.30	239.81
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*89.38*	
26 05 36 00-1764	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	979.20	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.59*	
26 05 36 00-1765	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,114.26	319.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*113.97*	
26 05 36 00-1766	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,371.29	400.10
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*139.01*	
26 05 36 00-1767	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,505.15	436.21
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*153.07*	
26 05 36 00-1768	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,697.12	532.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*165.82*	

26 05 36 00-1769 36" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1770	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,231.56	265.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*140.44*	
26 05 36 00-1771	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,350.47	299.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*152.69*	
26 05 36 00-1772	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,560.57	368.59
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*172.66*	
26 05 36 00-1773	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,829.76	479.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*194.53*	
26 05 36 00-1774	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,002.05	532.47
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*211.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1775	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,301.36	598.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*245.45*	

26 05 36 00-1776 Straight Reducers *(26 05 36 00-1649)*

26 05 36 00-1777	EA	12"-6" Reducer, Solid Bottom, Aluminum Cable Tray	244.47	68.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.26*	
26 05 36 00-1778	EA	18"-12" Reducer, Solid Bottom, Aluminum Cable Tray	267.38	79.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.83*	
26 05 36 00-1779	EA	24"-18" Reducer, Solid Bottom, Aluminum Cable Tray	293.32	90.18
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.97*	
26 05 36 00-1780	EA	30"-24" Reducer, Solid Bottom, Aluminum Cable Tray	329.04	104.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.01*	
26 05 36 00-1781	EA	36"-30" Reducer, Solid Bottom, Aluminum Cable Tray	363.21	119.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.56*	

26 05 36 00-1782 Reducers *(26 05 36 00-1649)*

26 05 36 00-1783	EA	18"-6" Reducer, Solid Bottom, Aluminum Cable Tray	265.35	79.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*26.52*	
26 05 36 00-1784	EA	24"-12" Reducer, Solid Bottom, Aluminum Cable Tray	291.49	90.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.66*	
26 05 36 00-1785	EA	30"-12" Reducer, Solid Bottom, Aluminum Cable Tray	324.71	103.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.38*	
26 05 36 00-1786	EA	30"-18" Reducer, Solid Bottom, Aluminum Cable Tray	326.70	103.94
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.69*	
26 05 36 00-1787	EA	36"-12" Reducer, Solid Bottom, Aluminum Cable Tray	363.21	119.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.56*	
26 05 36 00-1788	EA	36"-18" Reducer, Solid Bottom, Aluminum Cable Tray	365.32	119.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.88*	
26 05 36 00-1789	EA	36"-24" Reducer, Solid Bottom, Aluminum Cable Tray	369.84	119.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.53*	

26 05 36 00-1790 Dropout Or End Plate *(26 05 36 00-1649)*

26 05 36 00-1791	EA	6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	76.47	29.93
26 05 36 00-1792	EA	12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	90.92	36.51
26 05 36 00-1793	EA	18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	108.18	43.29
26 05 36 00-1794	EA	24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	119.44	47.88
26 05 36 00-1795	EA	30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	134.85	53.17
26 05 36 00-1796	EA	36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	153.39	59.85

26 05 36 00-1797 Vented Bottom Cable Tray *(26 05 36 00-0001)*

Note: 6" Height.

26 05 36 00-1798 Vented Bottom Galvanized Steel Cable Tray *(26 05 36 00-1797)*

26 05 36 00-1799	LF	6" Vented Bottom Steel Cable Tray, Straight Section	30.22	10.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.15*	
26 05 36 00-1800	LF	12" Vented Bottom Steel Cable Tray, Straight Section	35.46	11.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.55*	
26 05 36 00-1801	LF	18" Vented Bottom Steel Cable Tray, Straight Section	41.66	13.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.02*	
26 05 36 00-1802	LF	24" Vented Bottom Steel Cable Tray, Straight Section	47.81	15.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.47*	
26 05 36 00-1803	LF	30" Vented Bottom Steel Cable Tray, Straight Section	62.62	19.06
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.67*	
26 05 36 00-1804	LF	36" Vented Bottom Steel Cable Tray, Straight Section	74.44	23.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-5.45*	

26 05 36 00-1805 Vented Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1797)*

26 05 36 00-1806 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1807	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	288.57	126.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-18.35*	
26 05 36 00-1808	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	377.51	170.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.53*	
26 05 36 00-1809	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	469.56	217.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.83*	
26 05 36 00-1810	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	575.76	266.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.39*	
26 05 36 00-1811	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	649.39	299.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.95*	
26 05 36 00-1812	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	743.76	342.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.84*	

26 05 36 00-1813 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1814	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	337.36	132.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.66*	
26 05 36 00-1815	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	440.61	184.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.71*	
26 05 36 00-1816	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	560.36	239.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.09*	
26 05 36 00-1817	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	680.66	299.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1818	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	725.02	309.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.74*	
26 05 36 00-1819	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	908.52	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.60*	

26 05 36 00-1820 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1821	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	407.26	140.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.02*	
26 05 36 00-1822	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	530.99	199.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.45*	
26 05 36 00-1823	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	681.38	266.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.95*	
26 05 36 00-1824	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	820.20	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.55*	
26 05 36 00-1825	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	946.66	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.42*	
26 05 36 00-1826	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,110.66	478.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.23*	

26 05 36 00-1827 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1828	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	271.49	126.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-16.64*	
26 05 36 00-1829	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	357.02	170.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.48*	
26 05 36 00-1830	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	445.47	217.16
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.45*	
26 05 36 00-1831	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	545.92	265.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.45*	
26 05 36 00-1832	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	616.47	299.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.66*	
26 05 36 00-1833	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	704.38	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.97*	

26 05 36 00-1834 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1835	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	312.06	132.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.12*	
26 05 36 00-1836	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	411.24	184.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.77*	
26 05 36 00-1837	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	525.50	239.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.57*	
26 05 36 00-1838	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	640.64	299.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.13*	
26 05 36 00-1839	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	734.28	342.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.90*	
26 05 36 00-1840	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	854.95	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.24*	

26 05 36 00-1841 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1805)*

26 05 36 00-1842	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	369.62	140.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.23*	
26 05 36 00-1843	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	486.54	199.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.05*	
26 05 36 00-1844	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	629.10	266.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.72*	
26 05 36 00-1845	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	766.32	342.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.10*	
26 05 36 00-1846	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	884.70	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.22*	
26 05 36 00-1847	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,044.16	479.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.45*	

26 05 36 00-1848 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1849	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	310.78	125.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.60*	
26 05 36 00-1850	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	397.31	170.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.51*	
26 05 36 00-1851	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	476.89	217.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.57*	
26 05 36 00-1852	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	574.30	266.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.24*	
26 05 36 00-1853	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	633.25	299.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.34*	
26 05 36 00-1854	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	710.19	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.55*	

26 05 36 00-1855 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1856	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	366.70	132.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.60*	
26 05 36 00-1857	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	461.15	184.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1858	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	569.16	239.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.97*	
26 05 36 00-1859	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	674.79	299.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.54*	
26 05 36 00-1860	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	767.40	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.27*	
26 05 36 00-1861	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	871.85	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.93*	

26 05 36 00-1862 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1805)*

26 05 36 00-1863	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	430.73	140.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.37*	
26 05 36 00-1864	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	541.25	199.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.48*	
26 05 36 00-1865	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	675.51	266.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.36*	
26 05 36 00-1866	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	817.27	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.26*	
26 05 36 00-1867	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	918.79	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.63*	
26 05 36 00-1868	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,078.39	478.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.00*	

26 05 36 00-1869 12" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1870	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	517.82	239.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.83*	
26 05 36 00-1871	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	629.79	298.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.09*	
26 05 36 00-1872	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	720.29	342.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.50*	
26 05 36 00-1873	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	838.11	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.56*	
26 05 36 00-1874	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	922.98	434.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.05*	
26 05 36 00-1875	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,013.85	478.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.55*	

26 05 36 00-1876 24" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1877	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	639.51	265.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.80*	
26 05 36 00-1878	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	783.53	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.89*	
26 05 36 00-1879	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	904.12	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.16*	
26 05 36 00-1880	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,107.73	478.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.94*	
26 05 36 00-1881	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,224.86	532.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.11*	
26 05 36 00-1882	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,370.11	598.51
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.14*	

26 05 36 00-1883 36" Radius Horizontal Tees *(26 05 36 00-1805)*

26 05 36 00-1884	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	780.41	299.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.10*	
26 05 36 00-1885	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	986.27	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.38*	
26 05 36 00-1886	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,149.90	479.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.03*	
26 05 36 00-1887	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,419.99	598.51
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-92.12*	
26 05 36 00-1888	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,591.35	686.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.94*	
26 05 36 00-1889	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,854.58	795.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-119.13*	

26 05 36 00-1890 12" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1891	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	597.04	239.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.75*	
26 05 36 00-1892	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	699.73	299.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.04*	
26 05 36 00-1893	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	737.10	319.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.12*	
26 05 36 00-1894	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	786.47	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.18*	
26 05 36 00-1895	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	844.54	368.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.74*	
26 05 36 00-1896	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	959.65	434.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.72*	

26 05 36 00-1897 24" Radius Vertical Tees *(26 05 36 00-1805)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1898	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	708.45	265.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.70*	
26 05 36 00-1899	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	848.08	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.34*	
26 05 36 00-1900	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	906.15	368.59
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.90*	
26 05 36 00-1901	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	978.93	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.64*	
26 05 36 00-1902	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,055.00	434.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.25*	
26 05 36 00-1903	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,245.40	532.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.17*	

26 05 36 00-1904 36" Radius Vertical Tees *(26 05 36 00-1805)*

26 05 36 00-1905	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	920.25	298.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.14*	
26 05 36 00-1906	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,097.75	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.52*	
26 05 36 00-1907	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,172.35	434.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.99*	
26 05 36 00-1908	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,276.05	479.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.64*	
26 05 36 00-1909	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,437.57	532.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-99.38*	
26 05 36 00-1910	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,696.15	683.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-112.68*	

26 05 36 00-1911 12" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1912	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	651.32	299.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.19*	
26 05 36 00-1913	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	724.69	342.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.94*	
26 05 36 00-1914	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	836.64	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.41*	
26 05 36 00-1915	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	977.17	478.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.88*	
26 05 36 00-1916	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,086.76	530.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.46*	
26 05 36 00-1917	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,224.88	598.51
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.61*	

26 05 36 00-1918 24" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1919	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	809.77	342.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.44*	
26 05 36 00-1920	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	915.85	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.33*	
26 05 36 00-1921	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,072.52	478.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.42*	
26 05 36 00-1922	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,348.11	598.51
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.94*	
26 05 36 00-1923	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,525.99	683.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.66*	
26 05 36 00-1924	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,737.23	795.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-107.40*	

26 05 36 00-1925 36" Radius Horizontal Crosses *(26 05 36 00-1805)*

26 05 36 00-1926	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,068.42	399.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.59*	
26 05 36 00-1927	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,223.24	479.60
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.36*	
26 05 36 00-1928	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,430.25	598.51
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.15*	
26 05 36 00-1929	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,854.34	800.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-118.76*	
26 05 36 00-1930	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,170.68	959.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-137.14*	
26 05 36 00-1931	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,611.14	1,197.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-161.36*	

26 05 36 00-1932 Straight Reducers *(26 05 36 00-1805)*

26 05 36 00-1933	EA	12"-6" Reducer, Vented Bottom, Steel Cable Tray	243.96	101.95
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-15.90*	
26 05 36 00-1934	EA	18"-12" Reducer, Vented Bottom, Steel Cable Tray	266.79	113.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.19*	
26 05 36 00-1935	EA	24"-18" Reducer, Vented Bottom, Steel Cable Tray	303.43	132.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.28*	
26 05 36 00-1936	EA	30"-24" Reducer, Vented Bottom, Steel Cable Tray	334.46	149.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.98*	
26 05 36 00-1937	EA	36"-30" Reducer, Vented Bottom, Steel Cable Tray	365.60	164.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.83*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1938		**Reducers** *(26 05 36 00-1805)*		
26 05 36 00-1939	EA	18"-6" Reducer, Vented Bottom, Steel Cable Tray	266.79	113.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-17.19*	
26 05 36 00-1940	EA	24"-12" Reducer, Vented Bottom, Steel Cable Tray	302.35	132.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-19.15*	
26 05 36 00-1941	EA	30"-12" Reducer, Vented Bottom, Steel Cable Tray	332.75	149.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.82*	
26 05 36 00-1942	EA	30"-18" Reducer, Vented Bottom, Steel Cable Tray	333.96	149.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.95*	
26 05 36 00-1943	EA	36"-12" Reducer, Vented Bottom, Steel Cable Tray	364.13	164.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.68*	
26 05 36 00-1944	EA	36"-18" Reducer, Vented Bottom, Steel Cable Tray	365.60	164.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-22.83*	
26 05 36 00-1945	EA	36"-24" Reducer, Vented Bottom, Steel Cable Tray	367.67	165.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.00*	
26 05 36 00-1946		**Dropout Or End Plate** *(26 05 36 00-1805)*		
26 05 36 00-1947	EA	6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	79.02	36.81
26 05 36 00-1948	EA	12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	93.57	43.19
26 05 36 00-1949	EA	18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	103.16	47.68
26 05 36 00-1950	EA	24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	115.89	53.17
26 05 36 00-1951	EA	30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	128.83	59.75
26 05 36 00-1952	EA	36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	151.36	71.42
26 05 36 00-1953		**Vented Bottom Aluminum Cable Tray** *(26 05 36 00-1797)*		
26 05 36 00-1954	LF	6" Vented Bottom Aluminum Cable Tray, Straight Section	35.13	7.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.86*	
26 05 36 00-1955	LF	9" Vented Bottom Aluminum Cable Tray, Straight Section	39.05	8.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.19*	
26 05 36 00-1956	LF	12" Vented Bottom Aluminum Cable Tray, Straight Section	43.69	9.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.57*	
26 05 36 00-1957	LF	18" Vented Bottom Aluminum Cable Tray, Straight Section	51.08	10.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.22*	
26 05 36 00-1958	LF	24" Vented Bottom Aluminum Cable Tray, Straight Section	58.84	11.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.90*	
26 05 36 00-1959	LF	30" Vented Bottom Aluminum Cable Tray, Straight Section	75.33	13.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-6.40*	
26 05 36 00-1960	LF	36" Vented Bottom Aluminum Cable Tray, Straight Section	83.47	16.06
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.01*	
26 05 36 00-1961		**Vented Bottom Aluminum Cable Tray Fittings** *(26 05 36 00-1797)*		
26 05 36 00-1962		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1963	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	355.20	126.08
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.02*	
26 05 36 00-1964	EA	9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	385.88	136.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.18*	
26 05 36 00-1965	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	425.07	154.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.67*	
26 05 36 00-1966	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	480.26	170.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.79*	
26 05 36 00-1967	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	574.45	208.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.08*	
26 05 36 00-1968	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	679.34	239.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.95*	
26 05 36 00-1969	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	748.67	266.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.68*	
26 05 36 00-1970		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1971	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	431.77	132.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.10*	
26 05 36 00-1972	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	521.30	165.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.37*	
26 05 36 00-1973	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	591.02	184.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.75*	
26 05 36 00-1974	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	703.44	227.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.37*	
26 05 36 00-1975	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	812.29	265.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.12*	
26 05 36 00-1976	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	898.33	299.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.90*	
26 05 36 00-1977		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1978	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	530.68	140.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.36*	
26 05 36 00-1979	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	634.40	177.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.65*	
26 05 36 00-1980	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	717.80	199.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.13*	
26 05 36 00-1981	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	840.43	251.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1982	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	901.02	244.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-69.76*	
26 05 36 00-1983	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,105.62	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.09*	

26 05 36 00-1984 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1985	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	323.45	126.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.83*	
26 05 36 00-1986	EA	9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	351.38	137.05
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.72*	
26 05 36 00-1987	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	388.06	154.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.96*	
26 05 36 00-1988	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	436.91	170.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.47*	
26 05 36 00-1989	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	524.00	208.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.06*	
26 05 36 00-1990	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	617.80	239.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.80*	
26 05 36 00-1991	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	680.79	265.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.93*	

26 05 36 00-1992 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-1993	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	385.70	132.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.49*	
26 05 36 00-1994	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	467.17	165.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-32.95*	
26 05 36 00-1995	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	528.93	184.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.52*	
26 05 36 00-1996	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	632.76	228.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.27*	
26 05 36 00-1997	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	732.44	266.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.06*	
26 05 36 00-1998	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	810.42	299.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.10*	

26 05 36 00-1999 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-2000	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	465.89	140.75
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.86*	
26 05 36 00-2001	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	559.21	177.06
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.17*	
26 05 36 00-2002	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	633.13	199.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.67*	
26 05 36 00-2003	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	748.61	252.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.83*	
26 05 36 00-2004	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	855.12	281.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.03*	
26 05 36 00-2005	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	988.94	342.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.36*	

26 05 36 00-2006 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2007	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	386.21	125.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.14*	
26 05 36 00-2008	EA	9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	414.70	136.56
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.09*	
26 05 36 00-2009	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	446.10	154.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.77*	
26 05 36 00-2010	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	480.26	170.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.79*	
26 05 36 00-2011	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	563.94	208.38
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.03*	
26 05 36 00-2012	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	626.76	239.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.69*	
26 05 36 00-2013	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	672.17	265.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.07*	

26 05 36 00-2014 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2015	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	459.11	132.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.84*	
26 05 36 00-2016	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	533.92	165.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.63*	
26 05 36 00-2017	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	588.92	184.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.54*	
26 05 36 00-2018	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	666.16	228.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.61*	
26 05 36 00-2019	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	743.67	265.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.22*	
26 05 36 00-2020	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	814.21	299.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.48*	

26 05 36 00-2021 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1961)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2022		EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	528.58	140.45
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.15*	
26 05 36 00-2023		EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	611.27	177.46
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.34*	
26 05 36 00-2024		EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	686.25	199.80
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.98*	
26 05 36 00-2025		EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	802.57	251.87
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.27*	
26 05 36 00-2026		EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	890.24	281.79
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.54*	
26 05 36 00-2027		EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,002.57	341.65
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.79*	
26 05 36 00-2028			**12" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2029		EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	619.81	239.41
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.03*	
26 05 36 00-2030		EA	9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	646.95	251.87
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.70*	
26 05 36 00-2031		EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	688.21	265.34
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.71*	
26 05 36 00-2032		EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	785.77	299.86
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.59*	
26 05 36 00-2033		EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	897.43	341.65
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.28*	
26 05 36 00-2034		EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,016.21	399.00
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.37*	
26 05 36 00-2035		EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,124.51	434.92
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.20*	
26 05 36 00-2036			**24" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2037		EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	779.42	265.73
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.80*	
26 05 36 00-2038		EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	880.51	298.66
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.16*	
26 05 36 00-2039		EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	989.96	341.65
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.53*	
26 05 36 00-2040		EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,188.99	397.91
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.74*	
26 05 36 00-2041		EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,367.11	479.60
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-96.75*	
26 05 36 00-2042		EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,549.91	532.47
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-110.62*	
26 05 36 00-2043			**36" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2044		EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,039.23	299.26
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.99*	
26 05 36 00-2045		EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,189.74	341.65
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.51*	
26 05 36 00-2046		EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,259.91	333.27
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-98.22*	
26 05 36 00-2047		EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,616.90	478.01
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-121.85*	
26 05 36 00-2048		EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,874.26	600.91
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-137.35*	
26 05 36 00-2049		EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,148.15	683.20
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-157.88*	
26 05 36 00-2050			**12" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2051		EA	6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	701.83	239.41
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.23*	
26 05 36 00-2052		EA	9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	724.76	251.87
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.48*	
26 05 36 00-2053		EA	12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	771.01	265.73
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.95*	
26 05 36 00-2054		EA	18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	799.81	281.79
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.50*	
26 05 36 00-2055		EA	24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	836.35	298.66
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.75*	
26 05 36 00-2056		EA	30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	885.03	319.00
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.92*	
26 05 36 00-2057		EA	36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	980.75	367.58
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.44*	
26 05 36 00-2058			**24" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2059		EA	6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	871.95	265.73
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.05*	
26 05 36 00-2060		EA	12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	960.43	298.66
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.15*	
26 05 36 00-2061		EA	18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,025.93	319.00
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.01*	
26 05 36 00-2062		EA	24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,095.11	341.65
			For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2063	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,180.54	367.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.42*	
26 05 36 00-2064	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,305.37	436.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-94.18*	

26 05 36 00-2065 36" Radius Vertical Tees *(26 05 36 00-1961)*

26 05 36 00-2066	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,160.21	298.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.13*	
26 05 36 00-2067	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,273.86	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-98.92*	
26 05 36 00-2068	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,338.26	367.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-103.19*	
26 05 36 00-2069	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,444.89	400.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-111.15*	
26 05 36 00-2070	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,568.24	436.21
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-120.47*	
26 05 36 00-2071	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,767.57	530.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-132.54*	

26 05 36 00-2072 12" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2073	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	718.43	265.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.70*	
26 05 36 00-2074	EA	9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	764.06	281.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.92*	
26 05 36 00-2075	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	802.59	299.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.27*	
26 05 36 00-2076	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	886.91	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.22*	
26 05 36 00-2077	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,016.54	397.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.49*	
26 05 36 00-2078	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,151.84	433.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.04*	
26 05 36 00-2079	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,404.80	532.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-96.11*	

26 05 36 00-2080 24" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2081	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	993.96	299.86
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.41*	
26 05 36 00-2082	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,109.83	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.52*	
26 05 36 00-2083	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,245.77	397.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-91.42*	
26 05 36 00-2084	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,469.70	478.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-107.13*	
26 05 36 00-2085	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,609.85	530.58
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-116.77*	
26 05 36 00-2086	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,958.88	683.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-138.95*	

26 05 36 00-2087 36" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2088	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,379.01	341.65
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-109.43*	
26 05 36 00-2089	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,529.01	400.10
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-119.56*	
26 05 36 00-2090	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,732.57	478.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-133.42*	
26 05 36 00-2091	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,084.56	600.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-158.38*	
26 05 36 00-2092	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,321.61	686.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-174.96*	
26 05 36 00-2093	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,693.43	795.92
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-203.02*	

26 05 36 00-2094 Straight Reducers *(26 05 36 00-1961)*

26 05 36 00-2095	EA	9"-6" Reducer, Vented Bottom, Aluminum Cable Tray	267.67	79.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-20.11*	
26 05 36 00-2096	EA	12"-9" Reducer, Vented Bottom, Aluminum Cable Tray	281.00	84.09
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.10*	
26 05 36 00-2097	EA	18"-12" Reducer, Vented Bottom, Aluminum Cable Tray	317.55	99.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.45*	
26 05 36 00-2098	EA	24"-18" Reducer, Vented Bottom, Aluminum Cable Tray	351.57	113.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.68*	
26 05 36 00-2099	EA	30"-24" Reducer, Vented Bottom, Aluminum Cable Tray	387.81	132.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.70*	
26 05 36 00-2100	EA	36"-30" Reducer, Vented Bottom, Aluminum Cable Tray	421.32	149.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.69*	

26 05 36 00-2101 Reducers *(26 05 36 00-1961)*

26 05 36 00-2102	EA	12"-6" Reducer, Vented Bottom, Aluminum Cable Tray	280.76	83.90
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.08*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2103	EA	18"-6" Reducer, Vented Bottom, Aluminum Cable Tray	317.44	99.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.44*	
26 05 36 00-2104	EA	18"-9" Reducer, Vented Bottom, Aluminum Cable Tray	317.44	99.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.44*	
26 05 36 00-2105	EA	24"-6" Reducer, Vented Bottom, Aluminum Cable Tray	351.71	113.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.68*	
26 05 36 00-2106	EA	24"-9" Reducer, Vented Bottom, Aluminum Cable Tray	351.71	113.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.68*	
26 05 36 00-2107	EA	24"-12" Reducer, Vented Bottom, Aluminum Cable Tray	352.00	114.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.70*	
26 05 36 00-2108	EA	30"-12" Reducer, Vented Bottom, Aluminum Cable Tray	391.81	132.87
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.11*	
26 05 36 00-2109	EA	30"-18" Reducer, Vented Bottom, Aluminum Cable Tray	387.42	132.77
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.68*	
26 05 36 00-2110	EA	36"-12" Reducer, Vented Bottom, Aluminum Cable Tray	421.32	149.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.69*	
26 05 36 00-2111	EA	36"-18" Reducer, Vented Bottom, Aluminum Cable Tray	421.32	149.33
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.69*	
26 05 36 00-2112	EA	36"-24" Reducer, Vented Bottom, Aluminum Cable Tray	421.82	149.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.71*	

26 05 36 00-2113 Dropout Or End Plate *(26 05 36 00-1961)*

26 05 36 00-2114	EA	6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	88.89	36.81
26 05 36 00-2115	EA	9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	96.99	40.20
26 05 36 00-2116	EA	12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	104.53	43.19
26 05 36 00-2117	EA	18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	118.69	47.68
26 05 36 00-2118	EA	24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	136.00	53.17
26 05 36 00-2119	EA	30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	150.11	59.75
26 05 36 00-2120	EA	36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	171.86	68.43

26 05 36 00-2121 Covers And Dividers *(26 05 36 00-0001)*

26 05 36 00-2122 Galvanized Steel Covers *(26 05 36 00-2121)*

26 05 36 00-2123 Ventilated Straight Sections *(26 05 36 00-2122)*

26 05 36 00-2124	LF	6" Steel Cable Tray Cover, Straight Section	7.67	1.79
26 05 36 00-2125	LF	9" Steel Cable Tray Cover, Straight Section	9.21	2.09
26 05 36 00-2126	LF	12" Steel Cable Tray Cover, Straight Section	10.80	2.39
26 05 36 00-2127	LF	18" Steel Cable Tray Cover, Straight Section	14.63	3.20
26 05 36 00-2128	LF	24" Steel Cable Tray Cover, Straight Section	18.63	4.29
26 05 36 00-2129	LF	30" Steel Cable Tray Cover, Straight Section	22.64	5.29
26 05 36 00-2130	LF	36" Steel Cable Tray Cover, Straight Section	115.73	59.95

26 05 36 00-2131 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2132	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	45.15	6.38
26 05 36 00-2133	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	50.61	7.48
26 05 36 00-2134	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	55.07	8.88
26 05 36 00-2135	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	74.69	11.37
26 05 36 00-2136	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	91.64	14.47
26 05 36 00-2137	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	110.31	16.06
26 05 36 00-2138	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	133.18	19.16

26 05 36 00-2139 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2140	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	68.97	7.08
26 05 36 00-2141	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	72.45	8.28
26 05 36 00-2142	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	81.95	9.98
26 05 36 00-2143	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	101.73	12.66
26 05 36 00-2144	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	124.91	15.96
26 05 36 00-2145	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	159.76	18.35
26 05 36 00-2146	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	185.94	21.75

26 05 36 00-2147 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2148	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	96.85	7.98
26 05 36 00-2149	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	107.78	9.18
26 05 36 00-2150	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	117.26	11.37
26 05 36 00-2151	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	148.33	13.26
26 05 36 00-2152	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	180.32	18.45
26 05 36 00-2153	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	212.21	20.85
26 05 36 00-2154	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	248.13	23.94

26 05 36 00-2155 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2156	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	35.19	6.38
		For 60 Degree Bend, Deduct	*-9.15*	
		For 30 Degree Bend, Deduct	*-15.61*	
26 05 36 00-2157	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	41.81	7.48
		For 60 Degree Bend, Deduct	*-10.93*	
		For 30 Degree Bend, Deduct	*-18.63*	
26 05 36 00-2158	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	47.00	8.88
		For 60 Degree Bend, Deduct	*-12.12*	
		For 30 Degree Bend, Deduct	*-20.69*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2159	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	56.98	10.87
		For 60 Degree Bend, Deduct	*-14.64*	
		For 30 Degree Bend, Deduct	*-25.00*	
26 05 36 00-2160	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	66.50	12.57
		For 60 Degree Bend, Deduct	*-17.11*	
		For 30 Degree Bend, Deduct	*-29.21*	
26 05 36 00-2161	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	77.72	14.47
		For 60 Degree Bend, Deduct	*-20.09*	
		For 30 Degree Bend, Deduct	*-34.28*	
26 05 36 00-2162	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	86.75	15.96
		For 60 Degree Bend, Deduct	*-22.51*	
		For 30 Degree Bend, Deduct	*-38.40*	

26 05 36 00-2163 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2164	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	47.71	7.08
		For 60 Degree Bend, Deduct	*-13.04*	
		For 30 Degree Bend, Deduct	*-22.12*	
26 05 36 00-2165	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	54.11	8.28
		For 60 Degree Bend, Deduct	*-14.69*	
		For 30 Degree Bend, Deduct	*-24.94*	
26 05 36 00-2166	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	62.14	9.98
		For 60 Degree Bend, Deduct	*-16.67*	
		For 30 Degree Bend, Deduct	*-28.34*	
26 05 36 00-2167	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	72.07	11.97
		For 60 Degree Bend, Deduct	*-19.19*	
		For 30 Degree Bend, Deduct	*-32.64*	
26 05 36 00-2168	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	82.98	13.67
		For 60 Degree Bend, Deduct	*-22.13*	
		For 30 Degree Bend, Deduct	*-37.65*	
26 05 36 00-2169	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	102.95	15.96
		For 60 Degree Bend, Deduct	*-27.84*	
		For 30 Degree Bend, Deduct	*-47.29*	
26 05 36 00-2170	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	114.35	18.45
		For 60 Degree Bend, Deduct	*-30.67*	
		For 30 Degree Bend, Deduct	*-52.14*	

26 05 36 00-2171 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2122)*

26 05 36 00-2172	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	65.34	7.98
		For 60 Degree Bend, Deduct	*-18.51*	
		For 30 Degree Bend, Deduct	*-31.30*	
26 05 36 00-2173	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	74.04	9.18
		For 60 Degree Bend, Deduct	*-20.90*	
		For 30 Degree Bend, Deduct	*-35.35*	
26 05 36 00-2174	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	83.47	11.37
		For 60 Degree Bend, Deduct	*-23.19*	
		For 30 Degree Bend, Deduct	*-39.28*	
26 05 36 00-2175	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	95.15	12.66
		For 60 Degree Bend, Deduct	*-26.55*	
		For 30 Degree Bend, Deduct	*-44.96*	
26 05 36 00-2176	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	115.99	15.46
		For 60 Degree Bend, Deduct	*-32.35*	
		For 30 Degree Bend, Deduct	*-54.78*	
26 05 36 00-2177	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	129.01	18.45
		For 60 Degree Bend, Deduct	*-35.51*	
		For 30 Degree Bend, Deduct	*-60.20*	
26 05 36 00-2178	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	152.09	19.95
		For 60 Degree Bend, Deduct	*-42.54*	
		For 30 Degree Bend, Deduct	*-72.01*	

26 05 36 00-2179 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-2122)*

26 05 36 00-2180	EA	6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	39.40	6.38
26 05 36 00-2181	EA	9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	41.81	7.48
26 05 36 00-2182	EA	12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	46.27	8.88
26 05 36 00-2183	EA	18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	54.08	10.87
26 05 36 00-2184	EA	24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	60.13	14.07
26 05 36 00-2185	EA	30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	67.03	16.06
26 05 36 00-2186	EA	36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	83.97	19.16

26 05 36 00-2187 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-2122)*

26 05 36 00-2188	EA	6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	46.97	7.08
26 05 36 00-2189	EA	9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	52.64	8.28
26 05 36 00-2190	EA	12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	57.01	9.98
26 05 36 00-2191	EA	18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	73.49	11.97
26 05 36 00-2192	EA	24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	85.88	15.46
26 05 36 00-2193	EA	30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	98.90	18.45
26 05 36 00-2194	EA	36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	114.06	21.75

26 05 36 00-2195 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-2122)*

26 05 36 00-2196	EA	6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	54.30	7.98
26 05 36 00-2197	EA	9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	67.44	9.18
26 05 36 00-2198	EA	12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	77.66	11.37
26 05 36 00-2199	EA	18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	95.15	12.66

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2200	EA	24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	111.64	17.65
26 05 36 00-2201	EA	30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	132.99	20.85
26 05 36 00-2202	EA	36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	155.72	23.94
26 05 36 00-2203		**12" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2204	EA	6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	69.43	10.37
26 05 36 00-2205	EA	9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	73.49	11.97
26 05 36 00-2206	EA	12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	83.53	14.07
26 05 36 00-2207	EA	18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	100.02	15.96
26 05 36 00-2208	EA	24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	123.15	18.45
26 05 36 00-2209	EA	30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	152.80	26.53
26 05 36 00-2210	EA	36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	183.64	31.82
26 05 36 00-2211		**24" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2212	EA	6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	100.29	10.87
26 05 36 00-2213	EA	9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	114.94	12.66
26 05 36 00-2214	EA	12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	121.73	14.96
26 05 36 00-2215	EA	18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	153.21	17.16
26 05 36 00-2216	EA	24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	223.86	19.95
26 05 36 00-2217	EA	30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	267.02	29.93
26 05 36 00-2218	EA	36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	300.45	36.81
26 05 36 00-2219		**36" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2220	EA	6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	167.12	11.37
26 05 36 00-2221	EA	9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	173.23	13.26
26 05 36 00-2222	EA	12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	193.86	15.96
26 05 36 00-2223	EA	18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	227.35	18.45
26 05 36 00-2224	EA	24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	294.49	21.75
26 05 36 00-2225	EA	30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	337.33	34.31
26 05 36 00-2226	EA	36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	390.64	43.39
26 05 36 00-2227		**12" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2228	EA	6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	101.19	14.07
26 05 36 00-2229	EA	9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	107.09	14.96
26 05 36 00-2230	EA	12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	118.35	15.96
26 05 36 00-2231	EA	18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	139.28	18.45
26 05 36 00-2232	EA	24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	176.23	26.53
26 05 36 00-2233	EA	30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	204.12	31.82
26 05 36 00-2234	EA	36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	233.00	34.21
26 05 36 00-2235		**24" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2236	EA	6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	173.13	14.96
26 05 36 00-2237	EA	9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	187.99	15.96
26 05 36 00-2238	EA	12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	201.62	17.16
26 05 36 00-2239	EA	18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	240.00	19.95
26 05 36 00-2240	EA	24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	302.18	29.93
26 05 36 00-2241	EA	30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	345.85	36.81
26 05 36 00-2242	EA	36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	386.15	39.80
26 05 36 00-2243		**36" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2244	EA	6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	274.54	15.96
26 05 36 00-2245	EA	9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	285.24	17.16
26 05 36 00-2246	EA	12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	300.70	18.45
26 05 36 00-2247	EA	18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	347.30	21.75
26 05 36 00-2248	EA	24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	453.18	34.21
26 05 36 00-2249	EA	30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	498.06	43.59
26 05 36 00-2250	EA	36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	534.55	47.88
26 05 36 00-2251		**Reducers** *(26 05 36 00-2122)*		
26 05 36 00-2252	EA	9"-6" Reducer, Steel Cable Tray Covers	45.48	7.48
26 05 36 00-2253	EA	12"-6" Reducer, Steel Cable Tray Covers	49.24	8.88
26 05 36 00-2254	EA	12"-9" Reducer, Steel Cable Tray Covers	49.24	8.88
26 05 36 00-2255	EA	18"-6" Reducer, Steel Cable Tray Covers	54.80	10.87
26 05 36 00-2256	EA	18"-12" Reducer, Steel Cable Tray Covers	54.80	10.87
26 05 36 00-2257	EA	24"-12" Reducer, Steel Cable Tray Covers	66.89	11.97
26 05 36 00-2258	EA	24"-18" Reducer, Steel Cable Tray Covers	71.29	11.97
26 05 36 00-2259	EA	30"-12" Reducer, Steel Cable Tray Covers	69.76	13.67
26 05 36 00-2260	EA	30"-18" Reducer, Steel Cable Tray Covers	74.16	13.67
26 05 36 00-2261	EA	30"-24" Reducer, Steel Cable Tray Covers	77.10	13.67
26 05 36 00-2262	EA	36"-12" Reducer, Steel Cable Tray Covers	80.63	14.96
26 05 36 00-2263	EA	36"-18" Reducer, Steel Cable Tray Covers	82.10	14.96
26 05 36 00-2264	EA	36"-24" Reducer, Steel Cable Tray Covers	83.57	14.96
26 05 36 00-2265	EA	36"-30" Reducer, Steel Cable Tray Covers	84.30	14.96
26 05 36 00-2266		**Aluminum Covers** *(26 05 36 00-2121)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2267		**Ventilated Straight Sections** *(26 05 36 00-2266)*		
26 05 36 00-2268	LF	6" Aluminum Cable Tray Cover, Straight Section	9.46	1.79
26 05 36 00-2269	LF	9" Aluminum Cable Tray Cover, Straight Section	11.27	2.09
26 05 36 00-2270	LF	12" Aluminum Cable Tray Cover, Straight Section	13.23	2.39
26 05 36 00-2271	LF	18" Aluminum Cable Tray Cover, Straight Section	17.61	3.20
26 05 36 00-2272	LF	24" Aluminum Cable Tray Cover, Straight Section	22.65	4.29
26 05 36 00-2273	LF	30" Aluminum Cable Tray Cover, Straight Section	25.78	5.29
26 05 36 00-2274	LF	36" Aluminum Cable Tray Cover, Straight Section	117.94	59.95
26 05 36 00-2275		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2276	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	59.05	6.38
26 05 36 00-2277	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	62.94	7.48
26 05 36 00-2278	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	69.41	8.88
26 05 36 00-2279	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	90.45	11.37
26 05 36 00-2280	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	114.59	14.47
26 05 36 00-2281	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	134.99	16.06
26 05 36 00-2282	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	164.45	19.16
26 05 36 00-2283		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2284	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	78.00	7.08
26 05 36 00-2285	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	95.79	8.28
26 05 36 00-2286	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	107.10	9.98
26 05 36 00-2287	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	128.30	12.66
26 05 36 00-2288	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	159.12	15.96
26 05 36 00-2289	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	192.60	18.35
26 05 36 00-2290	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	236.09	21.75
26 05 36 00-2291		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2292	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	126.79	7.98
26 05 36 00-2293	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	139.44	9.18
26 05 36 00-2294	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	159.88	11.37
26 05 36 00-2295	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	190.41	13.26
26 05 36 00-2296	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	234.68	18.45
26 05 36 00-2297	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	270.24	20.85
26 05 36 00-2298	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	315.32	23.94
26 05 36 00-2299		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2300	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	46.44	6.38
		For 60 Degree Bend, Deduct	*-12.87*	
		For 30 Degree Bend, Deduct	*-21.80*	
26 05 36 00-2301	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	49.27	7.48
		For 60 Degree Bend, Deduct	*-13.39*	
		For 30 Degree Bend, Deduct	*-22.73*	
26 05 36 00-2302	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	55.95	8.88
		For 60 Degree Bend, Deduct	*-15.08*	
		For 30 Degree Bend, Deduct	*-25.62*	
26 05 36 00-2303	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	65.43	10.87
		For 60 Degree Bend, Deduct	*-17.43*	
		For 30 Degree Bend, Deduct	*-29.65*	
26 05 36 00-2304	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	73.60	12.57
		For 60 Degree Bend, Deduct	*-19.45*	
		For 30 Degree Bend, Deduct	*-33.12*	
26 05 36 00-2305	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	90.42	14.47
		For 60 Degree Bend, Deduct	*-24.28*	
		For 30 Degree Bend, Deduct	*-41.27*	
26 05 36 00-2306	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	106.52	15.96
		For 60 Degree Bend, Deduct	*-29.03*	
		For 30 Degree Bend, Deduct	*-49.27*	
26 05 36 00-2307		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2308	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	53.30	7.08
		For 60 Degree Bend, Deduct	*-14.88*	
		For 30 Degree Bend, Deduct	*-25.20*	
26 05 36 00-2309	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	66.34	8.28
		For 60 Degree Bend, Deduct	*-18.73*	
		For 30 Degree Bend, Deduct	*-31.67*	
26 05 36 00-2310	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	71.35	9.98
		For 60 Degree Bend, Deduct	*-19.71*	
		For 30 Degree Bend, Deduct	*-33.41*	
26 05 36 00-2311	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	86.23	11.97
		For 60 Degree Bend, Deduct	*-23.86*	
		For 30 Degree Bend, Deduct	*-40.43*	
26 05 36 00-2312	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	104.86	13.67
		For 60 Degree Bend, Deduct	*-29.35*	
		For 30 Degree Bend, Deduct	*-49.68*	
26 05 36 00-2313	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	121.30	15.96
		For 60 Degree Bend, Deduct	*-33.89*	
		For 30 Degree Bend, Deduct	*-57.38*	
26 05 36 00-2314	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	140.09	18.45
		For 60 Degree Bend, Deduct	*-39.16*	
		For 30 Degree Bend, Deduct	*-66.29*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2315		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2316	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	84.76	7.98
		For 60 Degree Bend, Deduct	*-24.92*	
		For 30 Degree Bend, Deduct	*-41.98*	
26 05 36 00-2317	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	93.17	9.18
		For 60 Degree Bend, Deduct	*-27.21*	
		For 30 Degree Bend, Deduct	*-45.87*	
26 05 36 00-2318	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	100.95	11.37
		For 60 Degree Bend, Deduct	*-28.96*	
		For 30 Degree Bend, Deduct	*-48.90*	
26 05 36 00-2319	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	119.91	12.66
		For 60 Degree Bend, Deduct	*-34.72*	
		For 30 Degree Bend, Deduct	*-58.58*	
26 05 36 00-2320	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	145.64	15.46
		For 60 Degree Bend, Deduct	*-42.13*	
		For 30 Degree Bend, Deduct	*-71.08*	
26 05 36 00-2321	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	167.42	18.45
		For 60 Degree Bend, Deduct	*-48.18*	
		For 30 Degree Bend, Deduct	*-81.33*	
26 05 36 00-2322	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	188.89	19.95
		For 60 Degree Bend, Deduct	*-54.68*	
		For 30 Degree Bend, Deduct	*-92.25*	
26 05 36 00-2323		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2266)*		
26 05 36 00-2324	EA	6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	51.87	6.38
26 05 36 00-2325	EA	9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	54.00	7.48
26 05 36 00-2326	EA	12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	59.94	8.88
26 05 36 00-2327	EA	18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	70.71	10.87
26 05 36 00-2328	EA	24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	78.14	14.07
26 05 36 00-2329	EA	30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	82.42	16.06
26 05 36 00-2330	EA	36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	99.19	19.16
26 05 36 00-2331		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2266)*		
26 05 36 00-2332	EA	6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	59.08	7.08
26 05 36 00-2333	EA	9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	65.29	8.28
26 05 36 00-2334	EA	12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	72.40	9.98
26 05 36 00-2335	EA	18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	87.25	11.97
26 05 36 00-2336	EA	24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	99.34	15.46
26 05 36 00-2337	EA	30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	125.32	18.45
26 05 36 00-2338	EA	36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	139.36	21.75
26 05 36 00-2339		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2266)*		
26 05 36 00-2340	EA	6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	67.91	7.98
26 05 36 00-2341	EA	9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	82.66	9.18
26 05 36 00-2342	EA	12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	96.79	11.37
26 05 36 00-2343	EA	18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	115.70	12.66
26 05 36 00-2344	EA	24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	140.95	17.65
26 05 36 00-2345	EA	30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	175.61	20.85
26 05 36 00-2346	EA	36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	191.24	23.94
26 05 36 00-2347		**12" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2348	EA	6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	84.65	10.37
26 05 36 00-2349	EA	9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	91.45	11.97
26 05 36 00-2350	EA	12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	103.30	14.07
26 05 36 00-2351	EA	18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	121.30	15.96
26 05 36 00-2352	EA	24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	150.60	18.45
26 05 36 00-2353	EA	30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	185.15	26.53
26 05 36 00-2354	EA	36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	223.42	31.82
26 05 36 00-2355		**24" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2356	EA	6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	127.50	10.87
26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	143.03	12.66
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	161.60	14.96
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	188.35	17.16
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	287.62	19.95
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	331.71	29.93
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	374.68	36.81
26 05 36 00-2363		**36" Radius Horizontal Tees** *(26 05 36 00-2266)*		
26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	218.74	11.37
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	226.13	13.26
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	251.65	15.96
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	285.24	18.45
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	360.17	21.75
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	420.97	34.31
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	482.40	43.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2371		**12" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2372	EA	6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	126.49	14.07
26 05 36 00-2373	EA	9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	134.30	14.96
26 05 36 00-2374	EA	12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	148.64	15.96
26 05 36 00-2375	EA	18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	177.94	18.45
26 05 36 00-2376	EA	24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	214.55	26.53
26 05 36 00-2377	EA	30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	254.92	31.82
26 05 36 00-2378	EA	36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	290.40	34.21
26 05 36 00-2379		**24" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2380	EA	6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	226.86	14.96
26 05 36 00-2381	EA	9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	243.24	15.96
26 05 36 00-2382	EA	12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	261.95	17.16
26 05 36 00-2383	EA	18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	304.45	19.95
26 05 36 00-2384	EA	24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	373.73	29.93
26 05 36 00-2385	EA	30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	439.81	36.81
26 05 36 00-2386	EA	36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	476.44	39.80
26 05 36 00-2387		**36" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2388	EA	6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	350.49	15.96
26 05 36 00-2389	EA	9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	367.11	17.16
26 05 36 00-2390	EA	12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	394.60	18.45
26 05 36 00-2391	EA	18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	435.88	21.75
26 05 36 00-2392	EA	24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	551.31	34.21
26 05 36 00-2393	EA	30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	640.46	43.59
26 05 36 00-2394	EA	36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	700.18	47.88
26 05 36 00-2395		**Reducers** *(26 05 36 00-2266)*		
26 05 36 00-2396	EA	9"-6" Reducer, Aluminum Cable Tray Covers	63.99	7.48
26 05 36 00-2397	EA	12"-6" Reducer, Aluminum Cable Tray Covers	68.40	8.88
26 05 36 00-2398	EA	12"-9" Reducer, Aluminum Cable Tray Covers	68.40	8.88
26 05 36 00-2399	EA	18"-6" Reducer, Aluminum Cable Tray Covers	77.01	10.87
26 05 36 00-2400	EA	18"-12" Reducer, Aluminum Cable Tray Covers	77.01	10.87
26 05 36 00-2401	EA	24"-12" Reducer, Aluminum Cable Tray Covers	85.14	11.97
26 05 36 00-2402	EA	24"-18" Reducer, Aluminum Cable Tray Covers	93.52	11.97
26 05 36 00-2403	EA	30"-12" Reducer, Aluminum Cable Tray Covers	98.53	13.67
26 05 36 00-2404	EA	30"-18" Reducer, Aluminum Cable Tray Covers	101.65	13.67
26 05 36 00-2405	EA	30"-24" Reducer, Aluminum Cable Tray Covers	103.80	13.67
26 05 36 00-2406	EA	36"-12" Reducer, Aluminum Cable Tray Covers	109.01	14.96
26 05 36 00-2407	EA	36"-18" Reducer, Aluminum Cable Tray Covers	111.11	14.96
26 05 36 00-2408	EA	36"-24" Reducer, Aluminum Cable Tray Covers	112.16	14.96
26 05 36 00-2409	EA	36"-30" Reducer, Aluminum Cable Tray Covers	113.22	14.96
26 05 36 00-2410		**Galvanized Steel Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2411		**Straight Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2412	LF	3" Deep Galvanized Steel Divider Strip, Straight	8.02	2.39
26 05 36 00-2413	LF	4" Deep Galvanized Steel Divider Strip, Straight	9.39	2.59
26 05 36 00-2414	LF	6" Deep Galvanized Steel Divider Strip, Straight	11.52	3.00
26 05 36 00-2415		**3" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2416	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	48.33	17.16
26 05 36 00-2417	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	54.38	17.75
26 05 36 00-2418	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	57.13	18.45
26 05 36 00-2419	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	64.93	19.16
26 05 36 00-2420	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	61.99	19.16
26 05 36 00-2421	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	66.95	19.95
26 05 36 00-2422	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	77.25	20.85
26 05 36 00-2423	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	94.25	21.75
26 05 36 00-2424	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	76.65	21.75
26 05 36 00-2425	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	84.94	22.84
26 05 36 00-2426	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	94.91	23.94
26 05 36 00-2427	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	118.28	25.24
26 05 36 00-2428		**4" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2429	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	54.75	17.75
26 05 36 00-2430	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	60.07	18.45
26 05 36 00-2431	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	64.93	19.16
26 05 36 00-2432	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	73.55	19.95
26 05 36 00-2433	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	73.55	19.95
26 05 36 00-2434	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	85.32	20.85
26 05 36 00-2435	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	93.52	21.75
26 05 36 00-2436	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	114.28	22.84
26 05 36 00-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	81.65	20.85
26 05 36 00-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	89.85	21.75
26 05 36 00-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	105.48	22.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	131.58	23.94
26 05 36 00-2441		**6" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	60.71	19.95
26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	65.52	20.85
26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	71.52	21.75
26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	82.01	22.84
26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	75.05	20.85
26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	86.92	21.75
26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	95.94	22.84
26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	116.18	23.94
26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	83.25	21.75
26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	95.94	22.84
26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	116.18	23.94
26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	140.28	25.24
26 05 36 00-2454		**Horizontal Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	52.37	14.47
26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	58.17	15.96
26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	69.86	17.75
26 05 36 00-2458		**Aluminum Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2459		**Straight Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight	9.57	2.29
26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight	11.34	2.49
26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight	14.05	2.80
26 05 36 00-2463		**3" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	51.61	16.56
26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	56.92	17.16
26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	62.75	17.75
26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	72.79	18.45
26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	70.69	18.45
26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	78.19	19.16
26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	91.04	19.95
26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	113.57	20.85
26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	95.70	20.85
26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	115.17	21.75
26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	139.99	22.84
26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	173.44	23.94
26 05 36 00-2476		**4" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	62.49	17.16
26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	68.95	17.75
26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	75.94	18.45
26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	85.55	19.16
26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	84.49	19.16
26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	98.40	19.95
26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	111.47	20.85
26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	141.46	21.75
26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	115.23	19.95
26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	139.86	20.85
26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	164.59	21.75
26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	199.93	22.84
26 05 36 00-2489		**6" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	69.14	19.16
26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	77.37	19.95
26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	80.98	20.85
26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	90.99	21.75
26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	87.89	19.95
26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	109.37	20.85
26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	118.33	21.75
26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	149.46	22.84
26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	117.78	20.85
26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	147.77	21.75
26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	169.44	22.84
26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	197.62	23.94
26 05 36 00-2502		**Horizontal Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2503	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	61.11	13.67
26 05 36 00-2504	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	67.00	14.96
26 05 36 00-2505	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	83.26	16.56
26 05 36 00-2506		**Wall Brackets** *(26 05 36 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2507		**Wall Brackets** *(26 05 36 00-2506)*		
26 05 36 00-2508	EA	6" Wide Tray Wall Bracket	66.27	19.95
26 05 36 00-2509	EA	9" Wide Tray Wall Bracket	68.71	20.85
26 05 36 00-2510	EA	12" Wide Tray Wall Bracket	75.03	21.75
26 05 36 00-2511	EA	18" Wide Tray Wall Bracket	79.56	22.84
26 05 36 00-2512	EA	24" Wide Tray Wall Bracket	86.18	23.94
26 05 36 00-2513	EA	30" Wide Tray Wall Bracket	101.49	25.24
26 05 36 00-2514	EA	36" Wide Tray Wall Bracket	120.43	26.93
26 05 36 00-2515		**Fiberglass Cable Tray** *(26 05 36 00-0001)*		
26 05 36 00-2516		**Ladder Bottom Fiberglass Cable Tray** *(26 05 36 00-2515)*		
		Note: Excludes hangers and support system.		
26 05 36 00-2517		**Straight Tray Sections** *(26 05 36 00-2516)*		
26 05 36 00-2518	LF	6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	9.38	2.69
		For 9" Rung Spacing, Add	*0.19*	
		For 6" Rung Spacing, Add	*0.81*	
		For 4" Rung Spacing, Add	*1.48*	
		For 18" Rung Spacing, Deduct	*-0.13*	
		For Solid Bottom, Add	*2.22*	
		For Vented Trough Bottom, Add	*2.65*	
26 05 36 00-2519	LF	9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	10.56	3.30
		For 9" Rung Spacing, Add	*0.19*	
		For 6" Rung Spacing, Add	*0.84*	
		For 4" Rung Spacing, Add	*1.53*	
		For 18" Rung Spacing, Deduct	*-0.14*	
		For Solid Bottom, Add	*2.42*	
		For Vented Trough Bottom, Add	*2.85*	
26 05 36 00-2520	LF	12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	11.71	3.99
		For 9" Rung Spacing, Add	*0.20*	
		For 6" Rung Spacing, Add	*0.86*	
		For 4" Rung Spacing, Add	*1.58*	
		For 18" Rung Spacing, Deduct	*-0.14*	
		For Solid Bottom, Add	*2.62*	
		For Vented Trough Bottom, Add	*3.04*	
26 05 36 00-2521	LF	18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	14.14	5.29
		For 9" Rung Spacing, Add	*0.22*	
		For 6" Rung Spacing, Add	*0.92*	
		For 4" Rung Spacing, Add	*1.69*	
		For 18" Rung Spacing, Deduct	*-0.15*	
		For Solid Bottom, Add	*3.05*	
		For Vented Trough Bottom, Add	*3.46*	
26 05 36 00-2522	LF	24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	16.55	6.68
		For 9" Rung Spacing, Add	*0.23*	
		For 6" Rung Spacing, Add	*0.99*	
		For 4" Rung Spacing, Add	*1.81*	
		For 18" Rung Spacing, Deduct	*-0.16*	
		For Solid Bottom, Add	*3.47*	
		For Vented Trough Bottom, Add	*3.88*	
26 05 36 00-2523	LF	30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	18.10	7.28
		For 9" Rung Spacing, Add	*0.25*	
		For 6" Rung Spacing, Add	*1.07*	
		For 4" Rung Spacing, Add	*1.96*	
		For 18" Rung Spacing, Deduct	*-0.18*	
		For Solid Bottom, Add	*3.78*	
		For Vented Trough Bottom, Add	*4.22*	
26 05 36 00-2524	LF	36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	19.68	7.98
		For 9" Rung Spacing, Add	*0.27*	
		For 6" Rung Spacing, Add	*1.16*	
		For 4" Rung Spacing, Add	*2.12*	
		For 18" Rung Spacing, Deduct	*-0.19*	
		For Solid Bottom, Add	*4.11*	
		For Vented Trough Bottom, Add	*4.58*	
26 05 36 00-2525		**90 Degree Horizontal Elbows** *(26 05 36 00-2516)*		
26 05 36 00-2526	EA	6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	51.75	19.95
		For 9" Rung Spacing, Add	*0.76*	
		For 6" Rung Spacing, Add	*3.27*	
		For 4" Rung Spacing, Add	*6.00*	
		For 18" Rung Spacing, Deduct	*-0.55*	
		For Solid Bottom, Add	*11.04*	
		For Vented Trough Bottom, Add	*12.47*	
		For 60 Degree Bend, Deduct	*-10.19*	
		For 45 Degree Bend, Deduct	*-14.09*	
		For 30 Degree Bend, Deduct	*-17.99*	
26 05 36 00-2527	EA	9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	57.98	23.24
		For 9" Rung Spacing, Add	*0.81*	
		For 6" Rung Spacing, Add	*3.46*	
		For 4" Rung Spacing, Add	*6.34*	
		For 18" Rung Spacing, Deduct	*-0.58*	
		For Solid Bottom, Add	*12.16*	
		For Vented Trough Bottom, Add	*13.59*	
		For 60 Degree Bend, Deduct	*-11.10*	
		For 45 Degree Bend, Deduct	*-15.39*	
		For 30 Degree Bend, Deduct	*-19.67*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2528	EA	12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	68.21	29.22
		For 9" Rung Spacing, Add	*0.85*	
		For 6" Rung Spacing, Add	*3.65*	
		For 4" Rung Spacing, Add	*6.69*	
		For 18" Rung Spacing, Deduct	*-0.61*	
		For Solid Bottom, Add	*13.88*	
		For Vented Trough Bottom, Add	*15.21*	
		For 60 Degree Bend, Deduct	*-12.41*	
		For 45 Degree Bend, Deduct	*-17.28*	
		For 30 Degree Bend, Deduct	*-22.15*	
26 05 36 00-2529	EA	18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	80.81	35.32
		For 9" Rung Spacing, Add	*0.98*	
		For 6" Rung Spacing, Add	*4.19*	
		For 4" Rung Spacing, Add	*7.68*	
		For 18" Rung Spacing, Deduct	*-0.70*	
		For Solid Bottom, Add	*16.31*	
		For Vented Trough Bottom, Add	*17.78*	
		For 60 Degree Bend, Deduct	*-14.51*	
		For 45 Degree Bend, Deduct	*-20.22*	
		For 30 Degree Bend, Deduct	*-25.94*	
26 05 36 00-2530	EA	24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	91.56	40.60
		For 9" Rung Spacing, Add	*1.08*	
		For 6" Rung Spacing, Add	*4.61*	
		For 4" Rung Spacing, Add	*8.45*	
		For 18" Rung Spacing, Deduct	*-0.77*	
		For Solid Bottom, Add	*18.34*	
		For Vented Trough Bottom, Add	*19.89*	
		For 60 Degree Bend, Deduct	*-16.22*	
		For 45 Degree Bend, Deduct	*-22.64*	
		For 30 Degree Bend, Deduct	*-29.06*	
26 05 36 00-2531	EA	30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	100.14	43.29
		For 9" Rung Spacing, Add	*1.24*	
		For 6" Rung Spacing, Add	*5.30*	
		For 4" Rung Spacing, Add	*9.71*	
		For 18" Rung Spacing, Deduct	*-0.88*	
		For Solid Bottom, Add	*20.32*	
		For Vented Trough Bottom, Add	*22.23*	
		For 60 Degree Bend, Deduct	*-18.13*	
		For 45 Degree Bend, Deduct	*-25.26*	
		For 30 Degree Bend, Deduct	*-32.38*	
26 05 36 00-2532	EA	36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	110.37	46.59
		For 9" Rung Spacing, Add	*1.42*	
		For 6" Rung Spacing, Add	*6.08*	
		For 4" Rung Spacing, Add	*11.15*	
		For 18" Rung Spacing, Deduct	*-1.01*	
		For Solid Bottom, Add	*22.64*	
		For Vented Trough Bottom, Add	*24.94*	
		For 60 Degree Bend, Deduct	*-20.36*	
		For 45 Degree Bend, Deduct	*-28.31*	
		For 30 Degree Bend, Deduct	*-36.26*	

26 05 36 00-2533 Inside Or Outside Vertical Risers *(26 05 36 00-2516)*

26 05 36 00-2534	EA	6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	74.54	19.95
		For 9" Rung Spacing, Add	*1.56*	
		For 6" Rung Spacing, Add	*6.69*	
		For 4" Rung Spacing, Add	*12.27*	
		For 18" Rung Spacing, Deduct	*-1.12*	
		For Solid Bottom, Add	*17.87*	
		For Vented Trough Bottom, Add	*21.59*	
		For 60 Degree Bend, Deduct	*-17.71*	
		For 45 Degree Bend, Deduct	*-24.12*	
		For 30 Degree Bend, Deduct	*-30.52*	
26 05 36 00-2535	EA	9" Vertical Inside Or Outside Riser 90, Fiberglass	80.15	23.24
		For 9" Rung Spacing, Add	*1.58*	
		For 6" Rung Spacing, Add	*6.79*	
		For 4" Rung Spacing, Add	*12.44*	
		For 18" Rung Spacing, Deduct	*-1.13*	
		For Solid Bottom, Add	*18.81*	
		For Vented Trough Bottom, Add	*22.46*	
		For 60 Degree Bend, Deduct	*-18.42*	
		For 45 Degree Bend, Deduct	*-25.14*	
		For 30 Degree Bend, Deduct	*-31.86*	
26 05 36 00-2536	EA	12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	89.75	29.22
		For 9" Rung Spacing, Add	*1.61*	
		For 6" Rung Spacing, Add	*6.88*	
		For 4" Rung Spacing, Add	*12.61*	
		For 18" Rung Spacing, Deduct	*-1.15*	
		For Solid Bottom, Add	*20.34*	
		For Vented Trough Bottom, Add	*23.83*	
		For 60 Degree Bend, Deduct	*-19.52*	
		For 45 Degree Bend, Deduct	*-26.76*	
		For 30 Degree Bend, Deduct	*-34.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2537	EA	18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	100.12	35.32
		For 9" Rung Spacing, Add	*1.65*	
		For 6" Rung Spacing, Add	*7.09*	
		For 4" Rung Spacing, Add	*12.99*	
		For 18" Rung Spacing, Deduct	*-1.18*	
		For Solid Bottom, Add	*22.11*	
		For Vented Trough Bottom, Add	*25.51*	
		For 60 Degree Bend, Deduct	*-20.88*	
		For 45 Degree Bend, Deduct	*-28.72*	
		For 30 Degree Bend, Deduct	*-36.56*	
26 05 36 00-2538	EA	24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	109.34	40.60
		For 9" Rung Spacing, Add	*1.70*	
		For 6" Rung Spacing, Add	*7.28*	
		For 4" Rung Spacing, Add	*13.34*	
		For 18" Rung Spacing, Deduct	*-1.21*	
		For Solid Bottom, Add	*23.68*	
		For Vented Trough Bottom, Add	*27.01*	
		For 60 Degree Bend, Deduct	*-22.09*	
		For 45 Degree Bend, Deduct	*-30.47*	
		For 30 Degree Bend, Deduct	*-38.84*	
26 05 36 00-2539	EA	30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	114.60	43.29
		For 9" Rung Spacing, Add	*1.74*	
		For 6" Rung Spacing, Add	*7.46*	
		For 4" Rung Spacing, Add	*13.68*	
		For 18" Rung Spacing, Deduct	*-1.24*	
		For Solid Bottom, Add	*24.65*	
		For Vented Trough Bottom, Add	*28.01*	
		For 60 Degree Bend, Deduct	*-22.90*	
		For 45 Degree Bend, Deduct	*-31.62*	
		For 30 Degree Bend, Deduct	*-40.34*	
26 05 36 00-2540	EA	36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	124.80	46.59
		For 9" Rung Spacing, Add	*1.92*	
		For 6" Rung Spacing, Add	*8.25*	
		For 4" Rung Spacing, Add	*15.12*	
		For 18" Rung Spacing, Deduct	*-1.37*	
		For Solid Bottom, Add	*26.97*	
		For Vented Trough Bottom, Add	*30.72*	
		For 60 Degree Bend, Deduct	*-25.12*	
		For 45 Degree Bend, Deduct	*-34.66*	
		For 30 Degree Bend, Deduct	*-44.20*	

26 05 36 00-2541 Horizontal Tees *(26 05 36 00-2516)*

26 05 36 00-2542	EA	6" Horizontal Tee, Fiberglass Cable Tray	113.32	49.87
		For 9" Rung Spacing, Add	*1.35*	
		For 6" Rung Spacing, Add	*5.78*	
		For 4" Rung Spacing, Add	*10.59*	
		For 18" Rung Spacing, Deduct	*-0.96*	
		For Solid Bottom, Add	*22.77*	
		For Vented Trough Bottom, Add	*24.75*	
26 05 36 00-2543	EA	9" Horizontal Tee, Fiberglass Cable Tray	127.80	58.56
		For 9" Rung Spacing, Add	*1.40*	
		For 6" Rung Spacing, Add	*6.00*	
		For 4" Rung Spacing, Add	*11.01*	
		For 18" Rung Spacing, Deduct	*-1.00*	
		For Solid Bottom, Add	*25.17*	
		For Vented Trough Bottom, Add	*26.98*	
26 05 36 00-2544	EA	12" Horizontal Tee, Fiberglass Cable Tray	146.30	69.83
		For 9" Rung Spacing, Add	*1.45*	
		For 6" Rung Spacing, Add	*6.23*	
		For 4" Rung Spacing, Add	*11.43*	
		For 18" Rung Spacing, Deduct	*-1.04*	
		For Solid Bottom, Add	*28.18*	
		For Vented Trough Bottom, Add	*29.72*	
26 05 36 00-2545	EA	18" Horizontal Tee, Fiberglass Cable Tray	163.42	78.51
		For 9" Rung Spacing, Add	*1.60*	
		For 6" Rung Spacing, Add	*6.86*	
		For 4" Rung Spacing, Add	*12.57*	
		For 18" Rung Spacing, Deduct	*-1.14*	
		For Solid Bottom, Add	*31.37*	
		For Vented Trough Bottom, Add	*33.00*	
26 05 36 00-2546	EA	24" Horizontal Tee, Fiberglass Cable Tray	171.76	81.79
		For 9" Rung Spacing, Add	*1.72*	
		For 6" Rung Spacing, Add	*7.36*	
		For 4" Rung Spacing, Add	*13.49*	
		For 18" Rung Spacing, Deduct	*-1.23*	
		For Solid Bottom, Add	*33.12*	
		For Vented Trough Bottom, Add	*34.96*	
26 05 36 00-2547	EA	30" Horizontal Tee, Fiberglass Cable Tray	183.87	86.48
		For 9" Rung Spacing, Add	*1.90*	
		For 6" Rung Spacing, Add	*8.13*	
		For 4" Rung Spacing, Add	*14.91*	
		For 18" Rung Spacing, Deduct	*-1.36*	
		For Solid Bottom, Add	*35.71*	
		For Vented Trough Bottom, Add	*37.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2548	EA	36" Horizontal Tee, Fiberglass Cable Tray	199.53	93.16
		For 9" Rung Spacing, Add	*2.10*	
		For 6" Rung Spacing, Add	*8.98*	
		For 4" Rung Spacing, Add	*16.47*	
		For 18" Rung Spacing, Deduct	*-1.50*	
		For Solid Bottom, Add	*38.91*	
		For Vented Trough Bottom, Add	*41.41*	

26 05 36 00-2549 Horizontal Crosses *(26 05 36 00-2516)*

26 05 36 00-2550	EA	6" Horizontal Cross, Fiberglass Cable Tray	179.01	86.48
		For 9" Rung Spacing, Add	*1.73*	
		For 6" Rung Spacing, Add	*7.40*	
		For 4" Rung Spacing, Add	*13.57*	
		For 18" Rung Spacing, Deduct	*-1.23*	
		For Solid Bottom, Add	*34.25*	
		For Vented Trough Bottom, Add	*35.94*	
26 05 36 00-2551	EA	9" Horizontal Cross, Fiberglass Cable Tray	190.45	93.16
		For 9" Rung Spacing, Add	*1.78*	
		For 6" Rung Spacing, Add	*7.62*	
		For 4" Rung Spacing, Add	*13.97*	
		For 18" Rung Spacing, Deduct	*-1.27*	
		For Solid Bottom, Add	*36.19*	
		For Vented Trough Bottom, Add	*37.78*	
26 05 36 00-2552	EA	12" Horizontal Cross, Fiberglass Cable Tray	201.90	99.86
		For 9" Rung Spacing, Add	*1.83*	
		For 6" Rung Spacing, Add	*7.84*	
		For 4" Rung Spacing, Add	*14.37*	
		For 18" Rung Spacing, Deduct	*-1.31*	
		For Solid Bottom, Add	*38.12*	
		For Vented Trough Bottom, Add	*39.61*	
26 05 36 00-2553	EA	18" Horizontal Cross, Fiberglass Cable Tray	216.04	106.44
		For 9" Rung Spacing, Add	*1.98*	
		For 6" Rung Spacing, Add	*8.46*	
		For 4" Rung Spacing, Add	*15.52*	
		For 18" Rung Spacing, Deduct	*-1.41*	
		For Solid Bottom, Add	*40.87*	
		For Vented Trough Bottom, Add	*42.52*	
26 05 36 00-2554	EA	24" Horizontal Cross, Fiberglass Cable Tray	229.20	113.12
		For 9" Rung Spacing, Add	*2.09*	
		For 6" Rung Spacing, Add	*8.94*	
		For 4" Rung Spacing, Add	*16.40*	
		For 18" Rung Spacing, Deduct	*-1.49*	
		For Solid Bottom, Add	*43.32*	
		For Vented Trough Bottom, Add	*45.05*	
26 05 36 00-2555	EA	30" Horizontal Cross, Fiberglass Cable Tray	244.45	119.80
		For 9" Rung Spacing, Add	*2.27*	
		For 6" Rung Spacing, Add	*9.74*	
		For 4" Rung Spacing, Add	*17.85*	
		For 18" Rung Spacing, Deduct	*-1.62*	
		For Solid Bottom, Add	*46.40*	
		For Vented Trough Bottom, Add	*48.40*	
26 05 36 00-2556	EA	36" Horizontal Cross, Fiberglass Cable Tray	264.23	128.38
		For 9" Rung Spacing, Add	*2.51*	
		For 6" Rung Spacing, Add	*10.76*	
		For 4" Rung Spacing, Add	*19.72*	
		For 18" Rung Spacing, Deduct	*-1.79*	
		For Solid Bottom, Add	*50.39*	
		For Vented Trough Bottom, Add	*52.75*	

26 05 36 00-2557 Horizontal Wyes *(26 05 36 00-2516)*

26 05 36 00-2558	EA	6" Horizontal Wye, Fiberglass Cable Tray	109.42	49.87
		For 9" Rung Spacing, Add	*1.21*	
		For 6" Rung Spacing, Add	*5.19*	
		For 4" Rung Spacing, Add	*9.52*	
		For 18" Rung Spacing, Deduct	*-0.87*	
		For Solid Bottom, Add	*21.60*	
		For Vented Trough Bottom, Add	*23.20*	
26 05 36 00-2559	EA	9" Horizontal Wye, Fiberglass Cable Tray	115.82	53.27
		For 9" Rung Spacing, Add	*1.26*	
		For 6" Rung Spacing, Add	*5.40*	
		For 4" Rung Spacing, Add	*9.90*	
		For 18" Rung Spacing, Deduct	*-0.90*	
		For Solid Bottom, Add	*22.77*	
		For Vented Trough Bottom, Add	*24.38*	
26 05 36 00-2560	EA	12" Horizontal Wye, Fiberglass Cable Tray	142.13	69.83
		For 9" Rung Spacing, Add	*1.31*	
		For 6" Rung Spacing, Add	*5.61*	
		For 4" Rung Spacing, Add	*10.28*	
		For 18" Rung Spacing, Deduct	*-0.93*	
		For Solid Bottom, Add	*26.93*	
		For Vented Trough Bottom, Add	*28.05*	
26 05 36 00-2561	EA	18" Horizontal Wye, Fiberglass Cable Tray	158.85	78.51
		For 9" Rung Spacing, Add	*1.44*	
		For 6" Rung Spacing, Add	*6.17*	
		For 4" Rung Spacing, Add	*11.31*	
		For 18" Rung Spacing, Deduct	*-1.03*	
		For Solid Bottom, Add	*30.00*	
		For Vented Trough Bottom, Add	*31.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2562	EA	24" Horizontal Wye, Fiberglass Cable Tray	166.76	81.79
		For 9" Rung Spacing, Add	*1.54*	
		For 6" Rung Spacing, Add	*6.61*	
		For 4" Rung Spacing, Add	*12.12*	
		For 18" Rung Spacing, Deduct	*-1.10*	
		For Solid Bottom, Add	*31.62*	
		For Vented Trough Bottom, Add	*32.96*	
26 05 36 00-2563	EA	30" Horizontal Wye, Fiberglass Cable Tray	178.45	86.48
		For 9" Rung Spacing, Add	*1.71*	
		For 6" Rung Spacing, Add	*7.32*	
		For 4" Rung Spacing, Add	*13.41*	
		For 18" Rung Spacing, Deduct	*-1.22*	
		For Solid Bottom, Add	*34.08*	
		For Vented Trough Bottom, Add	*35.72*	
26 05 36 00-2564	EA	36" Horizontal Wye, Fiberglass Cable Tray	193.54	93.16
		For 9" Rung Spacing, Add	*1.89*	
		For 6" Rung Spacing, Add	*8.08*	
		For 4" Rung Spacing, Add	*14.82*	
		For 18" Rung Spacing, Deduct	*-1.35*	
		For Solid Bottom, Add	*37.11*	
		For Vented Trough Bottom, Add	*39.01*	
26 05 36 00-2565		Straight Reducers *(26 05 36 00-2516)*		
26 05 36 00-2566	EA	9"-6" Reducer, Fiberglass Cable Tray	49.53	19.95
		For 9" Rung Spacing, Add	*0.69*	
		For 6" Rung Spacing, Add	*2.94*	
		For 4" Rung Spacing, Add	*5.39*	
		For 18" Rung Spacing, Deduct	*-0.49*	
		For Solid Bottom, Add	*10.37*	
		For Vented Trough Bottom, Add	*11.58*	
26 05 36 00-2567	EA	12"-9" Reducer, Fiberglass Cable Tray	54.79	23.24
		For 9" Rung Spacing, Add	*0.70*	
		For 6" Rung Spacing, Add	*2.98*	
		For 4" Rung Spacing, Add	*5.47*	
		For 18" Rung Spacing, Deduct	*-0.50*	
		For Solid Bottom, Add	*11.20*	
		For Vented Trough Bottom, Add	*12.32*	
26 05 36 00-2568	EA	18"-12" Reducer, Fiberglass Cable Tray	60.05	26.63
		For 9" Rung Spacing, Add	*0.71*	
		For 6" Rung Spacing, Add	*3.02*	
		For 4" Rung Spacing, Add	*5.54*	
		For 18" Rung Spacing, Deduct	*-0.50*	
		For Solid Bottom, Add	*12.03*	
		For Vented Trough Bottom, Add	*13.05*	
26 05 36 00-2569	EA	24"-18" Reducer, Fiberglass Cable Tray	64.74	29.22
		For 9" Rung Spacing, Add	*0.73*	
		For 6" Rung Spacing, Add	*3.13*	
		For 4" Rung Spacing, Add	*5.73*	
		For 18" Rung Spacing, Deduct	*-0.52*	
		For Solid Bottom, Add	*12.84*	
		For Vented Trough Bottom, Add	*13.83*	
26 05 36 00-2570	EA	30"-24" Reducer, Fiberglass Cable Tray	72.20	31.92
		For 9" Rung Spacing, Add	*0.85*	
		For 6" Rung Spacing, Add	*3.65*	
		For 4" Rung Spacing, Add	*6.69*	
		For 18" Rung Spacing, Deduct	*-0.61*	
		For Solid Bottom, Add	*14.48*	
		For Vented Trough Bottom, Add	*15.71*	
26 05 36 00-2571	EA	36"-30" Reducer, Fiberglass Cable Tray	81.12	35.32
		For 9" Rung Spacing, Add	*0.99*	
		For 6" Rung Spacing, Add	*4.24*	
		For 4" Rung Spacing, Add	*7.77*	
		For 18" Rung Spacing, Deduct	*-0.71*	
		For Solid Bottom, Add	*16.41*	
		For Vented Trough Bottom, Add	*17.91*	
26 05 36 00-2572		Vertical Tees *(26 05 36 00-2516)*		
26 05 36 00-2573	EA	6" Vertical Tee, Fiberglass Cable Tray	148.33	49.87
		For 9" Rung Spacing, Add	*2.57*	
		For 6" Rung Spacing, Add	*11.03*	
		For 4" Rung Spacing, Add	*20.22*	
		For 18" Rung Spacing, Deduct	*-1.84*	
		For Solid Bottom, Add	*33.28*	
		For Vented Trough Bottom, Add	*38.76*	
26 05 36 00-2574	EA	9" Vertical Tee, Fiberglass Cable Tray	154.24	53.27
		For 9" Rung Spacing, Add	*2.61*	
		For 6" Rung Spacing, Add	*11.17*	
		For 4" Rung Spacing, Add	*20.47*	
		For 18" Rung Spacing, Deduct	*-1.86*	
		For Solid Bottom, Add	*34.30*	
		For Vented Trough Bottom, Add	*39.75*	
26 05 36 00-2575	EA	12" Vertical Tee, Fiberglass Cable Tray	180.06	69.83
		For 9" Rung Spacing, Add	*2.64*	
		For 6" Rung Spacing, Add	*11.30*	
		For 4" Rung Spacing, Add	*20.72*	
		For 18" Rung Spacing, Deduct	*-1.88*	
		For Solid Bottom, Add	*38.31*	
		For Vented Trough Bottom, Add	*43.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2576	EA	18" Vertical Tee, Fiberglass Cable Tray	195.12	78.51
		For 9" Rung Spacing, Add	*2.71*	
		For 6" Rung Spacing, Add	*11.61*	
		For 4" Rung Spacing, Add	*21.29*	
		For 18" Rung Spacing, Deduct	*-1.94*	
		For Solid Bottom, Add	*40.88*	
		For Vented Trough Bottom, Add	*45.68*	
26 05 36 00-2577	EA	24" Vertical Tee, Fiberglass Cable Tray	202.06	81.79
		For 9" Rung Spacing, Add	*2.78*	
		For 6" Rung Spacing, Add	*11.90*	
		For 4" Rung Spacing, Add	*21.82*	
		For 18" Rung Spacing, Deduct	*-1.98*	
		For Solid Bottom, Add	*42.21*	
		For Vented Trough Bottom, Add	*47.08*	
26 05 36 00-2578	EA	30" Vertical Tee, Fiberglass Cable Tray	210.84	86.48
		For 9" Rung Spacing, Add	*2.84*	
		For 6" Rung Spacing, Add	*12.18*	
		For 4" Rung Spacing, Add	*22.32*	
		For 18" Rung Spacing, Deduct	*-2.03*	
		For Solid Bottom, Add	*43.80*	
		For Vented Trough Bottom, Add	*48.68*	
26 05 36 00-2579	EA	36" Vertical Tee, Fiberglass Cable Tray	229.32	93.16
		For 9" Rung Spacing, Add	*3.14*	
		For 6" Rung Spacing, Add	*13.45*	
		For 4" Rung Spacing, Add	*24.66*	
		For 18" Rung Spacing, Deduct	*-2.24*	
		For Solid Bottom, Add	*47.85*	
		For Vented Trough Bottom, Add	*53.32*	

26 05 39 Underfloor Raceways for Electrical Systems *(26 05)*

26 05 39 00-0001 Underfloor Ducts *(26 05 39)*

26 05 39 00-0002 Straight Duct Sections 10' Long, 14 Gauge Steel *(26 05 39 00-0001)*

26 05 39 00-0003 Standard Ducts, 3.8 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0004	EA	Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches	77.88	17.55
26 05 39 00-0005	EA	Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches	97.48	20.55

26 05 39 00-0006 Large Capacity Ducts, 8.9 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0007	EA	Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	127.19	22.24
26 05 39 00-0008	EA	Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches	145.36	24.64

26 05 39 00-0009 Junction Boxes *(26 05 39 00-0001)*

26 05 39 00-0010 One Level Junction Boxes *(26 05 39 00-0009)*

26 05 39 00-0011	EA	1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box	194.25	34.91
26 05 39 00-0012	EA	1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box	219.12	37.41
26 05 39 00-0013	EA	1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	343.20	34.91
26 05 39 00-0014	EA	1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	238.55	37.41
26 05 39 00-0015	EA	1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	374.89	49.18
26 05 39 00-0016	EA	1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct	520.27	53.47

26 05 39 00-0017 Two Level Junction Boxes *(26 05 39 00-0009)*

26 05 39 00-0018	EA	2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	775.72	35.32
26 05 39 00-0019	EA	2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts	891.34	37.41

26 05 39 00-0020 Elbow Fittings *(26 05 39 00-0001)*

26 05 39 00-0021 90 Degree Horizontal Elbow *(26 05 39 00-0020)*

26 05 39 00-0022	EA	Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree	93.32	12.86
26 05 39 00-0023	EA	Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	95.99	12.86

26 05 39 00-0024 90 Degree Vertical Elbow *(26 05 39 00-0020)*

26 05 39 00-0025	EA	Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree	54.46	12.86
26 05 39 00-0026	EA	Underfloor Large Duct Vertical Elbow Fitting, 90 Degree	55.53	12.86

26 05 39 00-0027 Offset Elbow *(26 05 39 00-0020)*

Note: Two elbows required for crossover or crossunder.

26 05 39 00-0028	EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under	54.46	14.96
26 05 39 00-0029	EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	55.53	14.96

26 05 39 00-0030 Couplings *(26 05 39 00-0001)*

26 05 39 00-0031 Sleeve Couplings *(26 05 39 00-0030)*

26 05 39 00-0032	EA	Underfloor Standard Duct Sleeve Coupling	37.27	19.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling	58.70	19.95
26 05 39 00-0034		**Expansion Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	79.08	19.95
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling	80.41	21.05
26 05 39 00-0037		**Reducing Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	69.43	3.00
26 05 39 00-0039		**Duct Supports** *(26 05 39 00-0001)*		
26 05 39 00-0040		**Combination Support And Coupling** *(26 05 39 00-0039)*		
		Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	85.87	41.90
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	96.07	41.90
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	106.35	41.90
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	96.07	46.89
26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	116.85	46.89
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	106.35	49.87
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	106.35	49.87
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	116.85	49.87
26 05 39 00-0049		**Duct Support Only** *(26 05 39 00-0039)*		
		Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	76.81	36.91
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	90.25	36.91
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	104.53	36.91
26 05 39 00-0053		**Underfloor Duct Accessories** *(26 05 39 00-0001)*		
26 05 39 00-0054		**Plugs For Unused Junction Box Openings And Duct Ends** *(26 05 39 00-0053)*		
26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	23.07	3.00
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	23.60	3.00
26 05 39 00-0057		**Conduit Adapters** *(26 05 39 00-0053)*		
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	27.75	4.99
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	29.57	4.99
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	28.77	4.99
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	29.82	4.99
26 05 39 00-0062		**Holders And Caps** *(26 05 39 00-0053)*		
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories	184.92	41.90
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories	338.85	41.90
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	2.47	1.00
26 05 39 00-0066		**Underfloor Dust Pans** *(26 05 39 00-0001)*		
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan	75.50	5.47

26 05 43 Underground Ducts And Raceways For Electrical Systems *(26 05)*

Note: Underground utilities and conduits include warning tape.

26 05 43 00-0001		**Precast Concrete Trenches, One Piece Pedestrian Trench** *(26 05 43)*		
		Note: Rated for 200 PSF Pedestrian Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0002		**10" Wide Pedestrian Trench** *(26 05 43 00-0001)*		
26 05 43 00-0003	LF	Base, Solid Bottom 10" Wide x 15" Deep Pedestrian Trench	55.98	
26 05 43 00-0004	LF	Base, Open Bottom 10" Wide x 15" Deep Pedestrian Trench	53.76	
26 05 43 00-0005	LF	Base, Solid Bottom 10" Wide x 24" Deep Pedestrian Trench	77.75	
26 05 43 00-0006	LF	Base, Open Bottom 10" Wide x 24" Deep Pedestrian Trench	74.65	
26 05 43 00-0007	EA	End Wall, 10" Wide x 15" Deep Pedestrian Trench	39.49	
26 05 43 00-0008	EA	End Wall, 10" Wide x 24" Deep Pedestrian Trench	47.79	
26 05 43 00-0009	LF	Lid, Concrete, 10" Wide Pedestrian Trench	37.31	
26 05 43 00-0010		**20" Wide Pedestrian Trench** *(26 05 43 00-0001)*		
26 05 43 00-0011	LF	Base, Solid Bottom 20" Wide x 15" Deep Pedestrian Trench	71.56	
26 05 43 00-0012	LF	Base, Open Bottom 20" Wide x 15" Deep Pedestrian Trench	67.62	
26 05 43 00-0013	LF	Base, Solid Bottom 20" Wide x 24" Deep Pedestrian Trench	97.55	
26 05 43 00-0014	LF	Base, Open Bottom 20" Wide x 24" Deep Pedestrian Trench	93.96	
26 05 43 00-0015	EA	End Wall, 20" Wide x 15" Deep Pedestrian Trench	50.08	
26 05 43 00-0016	EA	End Wall, 20" Wide x 24" Deep Pedestrian Trench	72.87	
26 05 43 00-0017	LF	Lid, Concrete, 20" Wide Pedestrian Trench	46.67	
26 05 43 00-0018		**30" Wide Pedestrian Trench** *(26 05 43 00-0001)*		
26 05 43 00-0019	LF	Base, Solid Bottom 30" Wide x 15" Deep Pedestrian Trench	92.94	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0020	LF	Base, Open Bottom 30" Wide x 15" Deep Pedestrian Trench	107.37	
26 05 43 00-0021	LF	Base, Solid Bottom 30" Wide x 24" Deep Pedestrian Trench	115.94	
26 05 43 00-0022	LF	Base, Open Bottom 30" Wide x 24" Deep Pedestrian Trench	111.85	
26 05 43 00-0023	EA	End Wall, 30" Wide x 15" Deep Pedestrian Trench	72.32	
26 05 43 00-0024	EA	End Wall, 30" Wide x 24" Deep Pedestrian Trench	96.67	
26 05 43 00-0025	LF	Lid, Concrete, 30" Wide Pedestrian Trench	58.06	
26 05 43 00-0026		40" Wide Pedestrian Trench *(26 05 43 00-0001)*		
26 05 43 00-0027	LF	Base, Solid Bottom 40" Wide x 15" Deep Pedestrian Trench	112.20	
26 05 43 00-0028	LF	Base, Open Bottom 40" Wide x 15" Deep Pedestrian Trench	108.48	
26 05 43 00-0029	LF	Base, Solid Bottom 40" Wide x 24" Deep Pedestrian Trench	137.23	
26 05 43 00-0030	LF	Base, Open Bottom 40" Wide x 24" Deep Pedestrian Trench	132.69	
26 05 43 00-0031	EA	End Wall, 40" Wide x 15" Deep Pedestrian Trench	92.57	
26 05 43 00-0032	EA	End Wall, 40" Wide x 24" Deep Pedestrian Trench	123.63	
26 05 43 00-0033	LF	Lid, Concrete, 40" Wide Pedestrian Trench	68.96	
26 05 43 00-0034		Precast Concrete Trenches, One Piece Medium Vehicle Trench *(26 05 43)*		
		Note: Rated for 7000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0035		10" Wide Medium Vehicle Trench *(26 05 43 00-0034)*		
26 05 43 00-0036	LF	Base, Solid Bottom 10" Wide x 15" Deep Medium Vehicle Trench	66.92	
26 05 43 00-0037	LF	Base, Open Bottom 10" Wide x 15" Deep Medium Vehicle Trench	64.03	
26 05 43 00-0038	LF	Base, Solid Bottom 10" Wide x 24" Deep Medium Vehicle Trench	92.92	
26 05 43 00-0039	LF	Base Open Bottom 10" Wide x 24" Deep Medium Vehicle Trench	88.92	
26 05 43 00-0040	EA	End Wall, 10" Wide x 15" Deep Medium Vehicle Trench	45.56	
26 05 43 00-0041	EA	End Wall, 10" Wide x 24" Deep Medium Vehicle Trench	54.16	
26 05 43 00-0042	LF	Lid, Concrete 10" Wide Medium Vehicle Trench	44.60	
26 05 43 00-0043	LF	Lid, Galvanized Steel 10" Wide Medium Vehicle Trench	186.18	
26 05 43 00-0044		20" Wide Medium Vehicle Trench *(26 05 43 00-0034)*		
26 05 43 00-0045	LF	Base, Solid Bottom 20" Wide x 15" Deep Medium Vehicle Trench	84.91	
26 05 43 00-0046	LF	Base, Open Bottom 20" Wide x 15" Deep Medium Vehicle Trench	79.83	
26 05 43 00-0047	LF	Base, Solid Bottom 20" Wide x 24" Deep Medium Vehicle Trench	115.15	
26 05 43 00-0048	LF	Base Open Bottom 20" Wide x 24" Deep Medium Vehicle Trench	110.51	
26 05 43 00-0049	EA	End Wall, 20" Wide x 15" Deep Medium Vehicle Trench	57.11	
26 05 43 00-0050	EA	End Wall, 20" Wide x 24" Deep Medium Vehicle Trench	83.21	
26 05 43 00-0051	LF	Lid, Concrete 20" Wide Medium Vehicle Trench	55.78	
26 05 43 00-0052	LF	Lid, Galvanized Steel 20" Wide Medium Vehicle Trench	246.70	
26 05 43 00-0053		30" Wide Medium Vehicle Trench *(26 05 43 00-0034)*		
26 05 43 00-0054	LF	Base, Solid Bottom 30" Wide x 15" Deep Medium Vehicle Trench	88.89	
26 05 43 00-0055	LF	Base, Open Bottom 30" Wide x 15" Deep Medium Vehicle Trench	104.55	
26 05 43 00-0056	LF	Base, Solid Bottom 30" Wide x 24" Deep Medium Vehicle Trench	135.97	
26 05 43 00-0057	LF	Base Open Bottom 30" Wide x 24" Deep Medium Vehicle Trench	130.69	
26 05 43 00-0058	EA	End Wall, 30" Wide x 15" Deep Medium Vehicle Trench	82.02	
26 05 43 00-0059	EA	End Wall, 30" Wide x 24" Deep Medium Vehicle Trench	111.03	
26 05 43 00-0060	LF	Lid, Concrete 30" Wide Medium Vehicle Trench	69.61	
26 05 43 00-0061	LF	Lid, Galvanized Steel 30" Wide Medium Vehicle Trench	307.83	
26 05 43 00-0062		40" Wide Medium Vehicle Trench *(26 05 43 00-0034)*		
26 05 43 00-0063	LF	Base, Solid Bottom 40" Wide x 15" Deep Medium Vehicle Trench	130.40	
26 05 43 00-0064	LF	Base, Open Bottom 40" Wide x 15" Deep Medium Vehicle Trench	125.60	
26 05 43 00-0065	LF	Base, Solid Bottom 40" Wide x 24" Deep Medium Vehicle Trench	159.57	
26 05 43 00-0066	LF	Base Open Bottom 40" Wide x 24" Deep Medium Vehicle Trench	153.67	
26 05 43 00-0067	EA	End Wall, 40" Wide x 15" Deep Medium Vehicle Trench	105.00	
26 05 43 00-0068	EA	End Wall, 40" Wide x 24" Deep Medium Vehicle Trench	141.97	
26 05 43 00-0069	LF	Lid, Concrete 40" Wide Medium Vehicle Trench	82.31	
26 05 43 00-0070	LF	Lid, Galvanized Steel 40" Wide Medium Vehicle Trench	418.11	
26 05 43 00-0071		Precast Concrete Trenches, One Piece H20 Road Crossing Trench *(26 05 43)*		
		Note: H20 Rated for 32000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0072		10" Wide H20 Road Crossing Trench *(26 05 43 00-0071)*		
26 05 43 00-0073	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	139.01	
26 05 43 00-0074	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	132.53	
26 05 43 00-0075	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	174.34	
26 05 43 00-0076	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	166.17	
26 05 43 00-0077	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	133.67	
26 05 43 00-0078	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	127.51	
26 05 43 00-0079	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	169.00	
26 05 43 00-0080	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	161.16	
26 05 43 00-0081	EA	End Wall for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	93.61	
26 05 43 00-0082	EA	End Wall for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	126.88	
26 05 43 00-0083	EA	End Wall for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	85.15	
26 05 43 00-0084	EA	End Wall for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	118.23	
26 05 43 00-0085	LF	Lid, Concrete 10" Wide Road Crossing Trench	65.17	
26 05 43 00-0086	LF	Lid, Galvanized Steel 10" Wide Road Crossing Trench	201.82	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0087		**20" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0088	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	148.99	
26 05 43 00-0089	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	142.35	
26 05 43 00-0090	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	197.93	
26 05 43 00-0091	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	189.03	
26 05 43 00-0092	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	148.99	
26 05 43 00-0093	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	142.35	
26 05 43 00-0094	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	192.59	
26 05 43 00-0095	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	184.03	
26 05 43 00-0096	EA	End Wall for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	133.51	
26 05 43 00-0097	EA	End Wall for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	182.26	
26 05 43 00-0098	EA	End Wall for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	121.18	
26 05 43 00-0099	EA	End Wall for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	169.92	
26 05 43 00-0100	LF	Lid, Concrete 20" Wide Road Crossing Trench	73.12	
26 05 43 00-0101	LF	Lid, Galvanized Steel 20" Wide Road Crossing Trench	298.80	
26 05 43 00-0102		**30" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0103	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	178.14	
26 05 43 00-0104	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	170.54	
26 05 43 00-0105	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	220.07	
26 05 43 00-0106	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	210.62	
26 05 43 00-0107	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	172.80	
26 05 43 00-0108	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	165.51	
26 05 43 00-0109	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	214.73	
26 05 43 00-0110	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	205.43	
26 05 43 00-0111	EA	End Wall for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	179.23	
26 05 43 00-0112	EA	End Wall for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	236.21	
26 05 43 00-0113	EA	End Wall for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	163.03	
26 05 43 00-0114	EA	End Wall for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	220.01	
26 05 43 00-0115	LF	Lid, Concrete 30" Wide Road Crossing Trench	92.29	
26 05 43 00-0116	LF	Lid, Galvanized Steel 30" Wide Road Crossing Trench	374.53	
26 05 43 00-0117		**40" Wide H20 Road Crossing Trench** *(26 05 43 00-0071)*		
26 05 43 00-0118	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	198.48	
26 05 43 00-0119	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	190.31	
26 05 43 00-0120	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	244.20	
26 05 43 00-0121	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	233.94	
26 05 43 00-0122	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	193.14	
26 05 43 00-0123	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	185.30	
26 05 43 00-0124	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	238.86	
26 05 43 00-0125	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	228.92	
26 05 43 00-0126	EA	End Wall for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	222.82	
26 05 43 00-0127	EA	End Wall for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	293.48	
26 05 43 00-0128	EA	End Wall for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	202.94	
26 05 43 00-0129	EA	End Wall for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	273.60	
26 05 43 00-0130	LF	Lid, Concrete 40" Wide Road Crossing Trench	111.67	
26 05 43 00-0131	LF	Lid, Galvanized Steel 40" Wide Road Crossing Trench	508.87	
26 05 43 00-0132		**Duct Bank** *(26 05 43)*		
		Note: Installation of single or multiple configuration underground utility raceways to have 3" concrete leveling base and encased in concrete envelope. Based on 100' run, minimum 30" bury depth. Labor units include material handling, unloading at job site, layout of job, measuring, cutting and fabrication, installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations.		
26 05 43 00-0133		**Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank** *(26 05 43 00-0132)*		
		Note: Includes appropriate spacers and fittings.		
26 05 43 00-0134	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	23.89	
26 05 43 00-0135	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	47.81	
26 05 43 00-0136	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	48.73	
26 05 43 00-0137	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	97.73	
26 05 43 00-0138	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	71.63	
26 05 43 00-0139	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	144.17	
26 05 43 00-0140	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	217.09	
26 05 43 00-0141	LF	2 At 5", Rigid Galvanized Conduit Duct Bank	131.19	
26 05 43 00-0142	LF	4 At 5", Rigid Galvanized Conduit Duct Bank	261.47	
26 05 43 00-0143	LF	6 At 5", Rigid Galvanized Conduit Duct Bank	403.89	
26 05 43 00-0144	LF	2 At 6", Rigid Galvanized Conduit Duct Bank	186.78	
26 05 43 00-0145	LF	4 At 6", Rigid Galvanized Conduit Duct Bank	374.86	
26 05 43 00-0146	LF	6 At 6", Rigid Galvanized Conduit Duct Bank	556.78	
26 05 43 00-0147		**Polyvinyl Chloride (PVC), Type EB Duct Bank System** *(26 05 43 00-0132)*		
		Note: Includes appropriate spacers and fittings.		
26 05 43 00-0148	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	6.44	
26 05 43 00-0149	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	14.16	
26 05 43 00-0150	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	27.19	
26 05 43 00-0151	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	8.54	
26 05 43 00-0152	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	17.04	
26 05 43 00-0153	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	34.61	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0154	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	11.41	
26 05 43 00-0155	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	22.82	
26 05 43 00-0156	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	45.71	
26 05 43 00-0157	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	68.53	
26 05 43 00-0158	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	14.42	
26 05 43 00-0159	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	28.80	
26 05 43 00-0160	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	55.77	
26 05 43 00-0161	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	79.07	
26 05 43 00-0162	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	25.60	
26 05 43 00-0163	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	39.02	
26 05 43 00-0164	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	78.21	
26 05 43 00-0165	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	126.46	

26 05 43 00-0166 Polyvinyl Chloride (PVC), Type DB Duct Bank System *(26 05 43 00-0132)*

Note: Includes appropriate spacers and fittings.

26 05 43 00-0167	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	7.16	
26 05 43 00-0168	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	15.65	
26 05 43 00-0169	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	29.96	
26 05 43 00-0170	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	8.86	
26 05 43 00-0171	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	17.70	
26 05 43 00-0172	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	35.28	
26 05 43 00-0173	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	11.68	
26 05 43 00-0174	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	23.37	
26 05 43 00-0175	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	46.80	
26 05 43 00-0176	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	70.16	
26 05 43 00-0177	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	14.83	
26 05 43 00-0178	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	29.62	
26 05 43 00-0179	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	57.41	
26 05 43 00-0180	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	81.54	
26 05 43 00-0181	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	26.17	
26 05 43 00-0182	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	40.20	
26 05 43 00-0183	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	80.57	
26 05 43 00-0184	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	130.00	

26 05 43 00-0185 Male Or Female Adapters *(26 05 43 00-0132)*

26 05 43 00-0186	EA	2" Adapter	33.99	
26 05 43 00-0187	EA	3" Adapter	48.48	
26 05 43 00-0188	EA	4" Adapter	62.46	
26 05 43 00-0189	EA	5" Adapter	94.00	
26 05 43 00-0190	EA	6" Adapter	116.62	

26 05 46 Utility Poles for Electrical Systems *(26 05)*

26 05 46 00-0001 Wood Poles *(26 05 46)*

26 05 46 00-0002 Wood Pole, Class 3, Penta-Treated To 8 LB Retention *(26 05 46 00-0001)*

Note: Machine dig and set.

26 05 46 00-0003	EA	25' Treated Wood Pole, Class 3, Machine Dig And Set	761.39	257.66
		For Class 1 Pole, Add	*86.10*	
		For Class 2 Pole, Add	*49.20*	
		For Class 4 Pole, Deduct	*-24.60*	
		For Class 5 Pole, Deduct	*-73.80*	
		For Class 6 Pole, Deduct	*-98.40*	
26 05 46 00-0004	EA	30' Treated Wood Pole, Class 3, Machine Dig And Set	905.76	285.87
		For Class 1 Pole, Add	*116.90*	
		For Class 2 Pole, Add	*66.80*	
		For Class 4 Pole, Deduct	*-33.40*	
		For Class 5 Pole, Deduct	*-100.20*	
		For Class 6 Pole, Deduct	*-133.60*	
26 05 46 00-0005	EA	35' Treated Wood Pole, Class 3, Machine Dig And Set	1,176.05	378.08
		For Class 1 Pole, Add	*147.00*	
		For Class 2 Pole, Add	*84.00*	
		For Class 4 Pole, Deduct	*-42.00*	
		For Class 5 Pole, Deduct	*-126.00*	
		For Class 6 Pole, Deduct	*-168.00*	
26 05 46 00-0006	EA	40' Treated Wood Pole, Class 3, Machine Dig And Set	1,341.65	415.84
		For Class 1 Pole, Add	*178.49*	
		For Class 2 Pole, Add	*102.00*	
		For Class 4 Pole, Deduct	*-51.00*	
		For Class 5 Pole, Deduct	*-152.99*	
		For Class 6 Pole, Deduct	*-203.99*	
26 05 46 00-0007	EA	45' Treated Wood Pole, Class 3, Machine Dig And Set	1,530.39	463.16
		For Class 1 Pole, Add	*211.39*	
		For Class 2 Pole, Add	*120.80*	
		For Class 4 Pole, Deduct	*-60.40*	
		For Class 5 Pole, Deduct	*-181.19*	
		For Class 6 Pole, Deduct	*-241.59*	
26 05 46 00-0008	EA	50' Treated Wood Pole, Class 3, Machine Dig And Set	1,739.56	519.81
		For Class 1 Pole, Add	*244.99*	
		For Class 2 Pole, Add	*140.00*	
		For Class 4 Pole, Deduct	*-70.00*	
		For Class 5 Pole, Deduct	*-209.99*	
		For Class 6 Pole, Deduct	*-279.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0009	EA	55' Treated Wood Pole, Class 3, Machine Dig And Set	1,943.51	571.73
		For Class 1 Pole, Add	*279.99*	
		For Class 2 Pole, Add	*159.99*	
		For Class 4 Pole, Deduct	*-80.00*	
		For Class 5 Pole, Deduct	*-239.99*	
		For Class 6 Pole, Deduct	*-319.99*	
26 05 46 00-0010	EA	60' Treated Wood Pole, Class 3, Machine Dig And Set	2,169.47	628.70
		For Class 1 Pole, Add	*319.19*	
		For Class 2 Pole, Add	*182.39*	
		For Class 4 Pole, Deduct	*-91.20*	
		For Class 5 Pole, Deduct	*-273.59*	
		For Class 6 Pole, Deduct	*-364.79*	
26 05 46 00-0011	EA	65' Treated Wood Pole, Class 3, Machine Dig And Set	3,471.87	685.24
		For Class 1 Pole, Add	*735.47*	
		For Class 2 Pole, Add	*420.27*	
		For Class 4 Pole, Deduct	*-210.13*	
		For Class 5 Pole, Deduct	*-630.40*	
		For Class 6 Pole, Deduct	*-840.54*	
26 05 46 00-0012	EA	70' Treated Wood Pole, Class 3, Machine Dig And Set	3,807.11	728.93
		For Class 1 Pole, Add	*822.22*	
		For Class 2 Pole, Add	*469.84*	
		For Class 4 Pole, Deduct	*-234.92*	
		For Class 5 Pole, Deduct	*-704.76*	
		For Class 6 Pole, Deduct	*-939.68*	
26 05 46 00-0013	EA	75' Treated Wood Pole, Class 3, Machine Dig And Set	4,179.60	778.56
		For Class 1 Pole, Add	*917.85*	
		For Class 2 Pole, Add	*524.49*	
		For Class 4 Pole, Deduct	*-262.24*	
		For Class 5 Pole, Deduct	*-786.73*	
		For Class 6 Pole, Deduct	*-1,048.98*	
26 05 46 00-0014		Removal And Relocation Of Wood Poles With Cross Arm *(26 05 46 00-0001)*		
26 05 46 00-0015	LF	Removal And Relocation Of Up To 75' Wood Pole With Cross Arms	21.95	
26 05 46 00-0016		Crossarms *(26 05 46)*		
		Note: Includes hardware and braces.		
26 05 46 00-0017		Wood Single Arm Crossarms *(26 05 46 00-0016)*		
26 05 46 00-0018	EA	3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces	177.56	76.85
26 05 46 00-0019	EA	3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces	215.70	76.85
26 05 46 00-0020	EA	3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces	227.05	98.80
26 05 46 00-0021		Wood Double Arm Crossarms *(26 05 46 00-0016)*		
26 05 46 00-0022	EA	3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces	460.99	214.07
26 05 46 00-0023	EA	3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces	489.83	214.07
26 05 46 00-0024	EA	3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces	510.98	214.07
26 05 46 00-0025		Fiberglass Crossarms *(26 05 46 00-0016)*		
		Note: Includes hardware.		
26 05 46 00-0026		Single Phase, 15 Degree Angle *(26 05 46 00-0025)*		
26 05 46 00-0027	EA	Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 LB	193.18	
26 05 46 00-0028	EA	Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 LB	246.82	46.11
26 05 46 00-0029	EA	Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 LB	257.80	49.40
26 05 46 00-0030		Two Phase, 15 Degree Angle *(26 05 46 00-0025)*		
26 05 46 00-0031	EA	Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 LB	308.80	59.28
26 05 46 00-0032		Fiberglass Crossarm Accessories *(26 05 46 00-0025)*		
26 05 46 00-0033	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 LB Per Conductor	456.92	75.75
26 05 46 00-0034	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 LB Per Conductor	543.82	92.21
26 05 46 00-0035	EA	Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded	79.46	13.17
26 05 46 00-0036	EA	Three Phase Equipment Mounting Bracket	397.33	65.87
26 05 46 00-0037	EA	Fiberglass Bull Horn Crossarm	326.22	109.78
26 05 46 00-0038		Insulator Support System *(26 05 46 00-0016)*		
26 05 46 00-0039		Epoxy Construction Units, In Place Mounting *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0040	EA	1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting	98.14	
26 05 46 00-0041	EA	1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting	77.39	
26 05 46 00-0042	EA	Deadend Arms, In Place Mounting	200.59	
26 05 46 00-0043	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting	151.92	
26 05 46 00-0044		Epoxy Construction Units, Grounding Mounting *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0045	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting	66.37	
26 05 46 00-0046	EA	1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting	56.22	
26 05 46 00-0047	EA	Deadend Arms, Grounding Mounting	179.42	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0048		**Guying** *(26 05 46)* Note: Includes cable, anchor and rod assembly, guy marker.		
26 05 46 00-0049		**Down Guy** *(26 05 46 00-0048)*		
26 05 46 00-0050	EA	Down Guy For 25' To 40' Pole	726.06	307.38
26 05 46 00-0051	EA	Down Guy For 45' To 60' Pole	736.80	307.38
26 05 46 00-0052	EA	Down Guy For 65' To 75' Pole	758.91	307.38
26 05 46 00-0053	EA	Guy Guard, Plastic	25.38	
26 05 46 00-0054		**Head Guy, 50' Spans** *(26 05 46 00-0048)*		
26 05 46 00-0055	EA	Head Guy (50' Span), For 25' To 40' Pole	1,062.89	472.05
26 05 46 00-0056	EA	Head Guy (50' Span), For 45' To 60' Pole	1,062.89	472.05
26 05 46 00-0057	EA	Head Guy (50' Span), For 65' To 75' Pole	1,062.89	472.05
26 05 46 00-0058		**Guy Strain Insulators Additional Insulators** *(26 05 46 00-0048)* Note: As required at same material cost and labor.		
26 05 46 00-0059	EA	Guy Strain Insulator	464.18	230.54
26 05 46 00-0060		**Pole Anchor** *(26 05 46 00-0048)* Note: Joslyn.		
26 05 46 00-0061	EA	Pole Anchor, 4" Helix, 3/4" x 54" Shaft	68.47	
26 05 46 00-0062	EA	Pole Anchor, 6" Helix, 3/4" x 66" Shaft	73.81	
26 05 46 00-0063	EA	Pole Anchor, 8" Helix, 1" x 66" Shaft	86.38	
26 05 46 00-0064	EA	Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft	108.42	
26 05 46 00-0065	EA	Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft	142.84	
26 05 46 00-0066	EA	Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft	191.22	
26 05 46 00-0067		**Insulators** *(26 05 46)*		
26 05 46 00-0068		**Pin Insulator With Pin** *(26 05 46 00-0067)*		
26 05 46 00-0069	EA	5 KV Class 55-3, Pin Insulator With Pin	151.07	65.87
26 05 46 00-0070	EA	15 KV Class 55-5, Pin Insulator With Pin	157.53	65.87
26 05 46 00-0071		**Suspension Insulator** *(26 05 46 00-0067)* Note: Includes clevis and strain clamp.		
26 05 46 00-0072	EA	5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp	195.06	87.83
26 05 46 00-0073	EA	15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp	212.63	87.83
26 05 46 00-0074	EA	25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	304.69	109.78
26 05 46 00-0075	EA	50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	491.53	175.64
26 05 46 00-0076		**Spool Insulator With Clevis** *(26 05 46 00-0067)*		
26 05 46 00-0077	EA	5 KV Class 53-5, Spool Insulator With Clevis	64.95	27.44
26 05 46 00-0078	EA	15 KV Class, Spool Insulator With Clevis	210.38	98.80
26 05 46 00-0079	EA	25 KV Class, Spool Insulator With Clevis	272.25	98.80
26 05 46 00-0080		**Secondary Rack** *(26 05 46 00-0067)*		
26 05 46 00-0081	EA	1 Spool Secondary Rack	128.65	54.89
26 05 46 00-0082	EA	2 Spool Secondary Rack	134.33	70.04
26 05 46 00-0083	EA	3 Spool Secondary Rack	200.84	93.32
26 05 46 00-0084	EA	4 Spool Secondary Rack	224.90	93.32
26 05 46 00-0085		**Outdoor Load Break Switches** *(26 05 46)* Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.		
26 05 46 00-0086		**7.2 KV Outdoor Load Break Switches** *(26 05 46 00-0085)*		
26 05 46 00-0087	EA	600 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	5,224.84	373.25
26 05 46 00-0088	EA	1,200 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	10,476.98	373.25
26 05 46 00-0089	EA	1,600 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,627.38	631.23
26 05 46 00-0090	EA	2,000 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,854.37	631.23
26 05 46 00-0091		**14.4 KV Outdoor Load Break Switches** *(26 05 46 00-0085)*		
26 05 46 00-0092	EA	600 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,450.95	373.25
26 05 46 00-0093	EA	1,200 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	12,444.74	373.25
26 05 46 00-0094	EA	1,600 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,627.38	631.23
26 05 46 00-0095	EA	2,000 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,854.37	631.23
26 05 46 00-0096		**23 KV Outdoor Load Break Switches** *(26 05 46 00-0085)*		
26 05 46 00-0097	EA	600 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	7,094.20	433.64
26 05 46 00-0098	EA	1,200 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	13,601.40	433.64
26 05 46 00-0099	EA	1,600 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	16,252.76	746.50
26 05 46 00-0100	EA	2,000 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	16,487.20	746.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0101		**Square Distribution Poles** *(26 05 46)*		
26 05 46 00-0102		**Square Steel Tapered Shaft Distribution Poles** *(26 05 46 00-0101)*		
26 05 46 00-0103	EA	20', Steel Taped Shaft Distribution Pole	2,428.96	466.57
26 05 46 00-0104	EA	25', Steel Taped Shaft Distribution Pole	2,717.64	494.01
26 05 46 00-0105	EA	30', Steel Taped Shaft Distribution Pole	2,953.85	548.89
26 05 46 00-0106	EA	35', Steel Taped Shaft Distribution Pole	3,266.78	603.79
26 05 46 00-0107	EA	40', Steel Taped Shaft Distribution Pole	4,362.26	658.68
26 05 46 00-0108		**Square Prestressed Concrete Distribution Poles** *(26 05 46 00-0101)*		
26 05 46 00-0109	EA	30', Prestressed Concrete Square Pole For Distribution	3,907.15	827.28
26 05 46 00-0110	EA	35', Prestressed Concrete Square Pole For Distribution	4,403.83	907.33
26 05 46 00-0111	EA	40', Prestressed Concrete Square Pole For Distribution	5,160.03	1,014.08
26 05 46 00-0112	EA	45', Prestressed Concrete Square Pole For Distribution	5,812.18	1,120.82
26 05 46 00-0113	EA	50', Prestressed Concrete Square Pole For Distribution	4,940.52	1,361.00
26 05 46 00-0114	EA	55', Prestressed Concrete Square Pole For Distribution	8,195.23	1,601.17
26 05 46 00-0115	EA	60', Prestressed Concrete Square Pole For Distribution	9,659.73	1,814.66
26 05 46 00-0116	EA	65', Prestressed Concrete Square Pole For Distribution	11,665.95	2,241.64
26 05 46 00-0117	EA	70', Prestressed Concrete Square Pole For Distribution	13,061.60	2,455.14
26 05 46 00-0118		**Aluminum Tapered Poles** *(26 05 46)*		
26 05 46 00-0119		**Aluminum Tapered Round Seamless Shaft Poles** *(26 05 46 00-0118)*		
26 05 46 00-0120	EA	20', Aluminum Tapered Round Seamless Shaft Pole For Distribution	2,090.55	411.67
26 05 46 00-0121	EA	25', Aluminum Tapered Round Seamless Shaft Pole For Distribution	2,856.93	439.12
26 05 46 00-0122	EA	30', Aluminum Tapered Round Seamless Shaft Pole For Distribution	3,278.88	494.01
26 05 46 00-0123	EA	35', Aluminum Tapered Round Seamless Shaft Pole For Distribution	3,865.41	548.89
26 05 46 00-0124	EA	40', Aluminum Tapered Round Seamless Shaft Pole For Distribution	5,705.56	603.79
26 05 46 00-0125		**Steel Service Poles Distribution** *(26 05 46)*		
		Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		
26 05 46 00-0126		**Round Tapered Pole** *(26 05 46 00-0125)*		
26 05 46 00-0127	EA	40', Galvanized Steel Tapered Round Pole For Distribution	3,002.07	658.68
26 05 46 00-0128	EA	45', Galvanized Steel Tapered Round Pole For Distribution	3,450.86	713.57
26 05 46 00-0129	EA	50', Galvanized Steel Tapered Round Pole For Distribution	3,682.51	768.46
26 05 46 00-0130	EA	55', Galvanized Steel Tapered Round Pole For Distribution	4,318.40	878.24
26 05 46 00-0131	EA	60', Galvanized Steel Tapered Round Pole For Distribution	5,271.92	988.02
26 05 46 00-0132	EA	65', Galvanized Steel Tapered Round Pole For Distribution	6,286.83	1,254.25
26 05 46 00-0133	EA	70', Galvanized Steel Tapered Round Pole For Distribution	7,018.82	1,422.91
26 05 46 00-0134	EA	75', Galvanized Steel Tapered Round Pole For Distribution	7,771.32	1,601.17
26 05 46 00-0135	EA	80', Galvanized Steel Tapered Round Pole For Distribution	8,746.02	1,814.66
26 05 46 00-0136	EA	85', Galvanized Steel Tapered Round Pole For Distribution	9,337.47	1,921.41
26 05 46 00-0137	EA	90', Galvanized Steel Tapered Round Pole For Distribution	10,172.73	2,134.90
26 05 46 00-0138	EA	95', Galvanized Steel Tapered Round Pole For Distribution	11,195.25	2,401.76
26 05 46 00-0139	EA	100', Galvanized Steel Tapered Round Pole For Distribution	12,426.91	2,721.99
26 05 46 00-0140		**12 Sided Tapered** *(26 05 46 00-0125)*		
26 05 46 00-0141	EA	40', Galvanized Steel Tapered 12 Sided Pole For Distribution	4,807.56	658.68
26 05 46 00-0142	EA	45', Galvanized Steel Tapered 12 Sided Pole For Distribution	5,295.47	713.57
26 05 46 00-0143	EA	50', Galvanized Steel Tapered 12 Sided Pole For Distribution	5,849.20	768.46
26 05 46 00-0144	EA	55', Galvanized Steel Tapered 12 Sided Pole For Distribution	6,450.88	878.24
26 05 46 00-0145	EA	60', Galvanized Steel Tapered 12 Sided Pole For Distribution	8,448.70	988.02
26 05 46 00-0146	EA	65', Galvanized Steel Tapered 12 Sided Pole For Distribution	9,483.15	1,254.25
26 05 46 00-0147	EA	70', Galvanized Steel Tapered 12 Sided Pole For Distribution	10,966.62	1,422.91
26 05 46 00-0148	EA	75', Galvanized Steel Tapered 12 Sided Pole For Distribution	11,843.55	1,601.17
26 05 46 00-0149	EA	80', Galvanized Steel Tapered 12 Sided Pole For Distribution	12,813.14	1,814.66
26 05 46 00-0150	EA	85', Galvanized Steel Tapered 12 Sided Pole For Distribution	13,578.09	1,921.41
26 05 46 00-0151	EA	90', Galvanized Steel Tapered 12 Sided Pole For Distribution	15,386.85	2,134.90
26 05 46 00-0152	EA	95', Galvanized Steel Tapered 12 Sided Pole For Distribution	16,394.76	2,401.76
26 05 46 00-0153	EA	100', Galvanized Steel Tapered 12 Sided Pole For Distribution	17,660.55	2,721.99
26 05 46 00-0154	EA	105', Galvanized Steel Tapered 12 Sided Pole For Distribution	19,001.91	3,042.23
26 05 46 00-0155		**Standard Options For Round, 12 Sided and Octagonal Tapered Poles** *(26 05 46 00-0125)*		
26 05 46 00-0156	EA	Ladder Clips	26.07	
26 05 46 00-0157	EA	Coal Tar Epoxy Coating From Base To 1' Above Ground Line	195.64	
26 05 46 00-0158	EA	Ground Sleeve-2' At Ground Line	196.78	
26 05 46 00-0159		**Arms With Baseplates And Endplates** *(26 05 46 00-0125)*		
26 05 46 00-0160	EA	4' Arm With Baseplate And Endplate	532.15	109.78
26 05 46 00-0161	EA	5' Arm With Baseplate And Endplate	574.53	109.78
26 05 46 00-0162	EA	6' Arm With Baseplate And Endplate	727.55	164.67
26 05 46 00-0163	EA	7' Arm With Baseplate And Endplate	764.63	164.67
26 05 46 00-0164	EA	8' Arm With Baseplate And Endplate	915.96	219.56
26 05 46 00-0165	EA	9' Arm With Baseplate And Endplate	958.32	219.56
26 05 46 00-0166	EA	10' Arm With Baseplate And Endplate	1,264.15	274.45
26 05 46 00-0167	EA	11' Arm With Baseplate And Endplate	1,311.71	274.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0168		**Standard Vangs Load Bearing At Any Angle** *(26 05 46 00-0125)*		
26 05 46 00-0169	EA	15,000 LB Standard Vangs Load Bearing At Any Angle	254.52	109.78
26 05 46 00-0170	EA	30,000 LB Standard Vangs Load Bearing At Any Angle	280.48	109.78
26 05 46 00-0171	EA	45,000 LB Standard Vangs Load Bearing At Any Angle	315.99	109.78
26 05 46 00-0172		**Armless Construction Brackets** *(26 05 46 00-0125)*		
26 05 46 00-0173		**Verticals Insulator And Equipment Bracket** *(26 05 46 00-0172)*		
26 05 46 00-0174	EA	7" 1 Position Vertical Insulation And Equipment Bracket	258.75	109.78
26 05 46 00-0175	EA	12" 1 Position Vertical Insulation And Equipment Bracket	275.14	109.78
26 05 46 00-0176	EA	12" 3 Position Vertical Insulation And Equipment Bracket	301.78	109.78
26 05 46 00-0177	EA	18" 1 Position Vertical Insulation And Equipment Bracket	429.15	164.67
26 05 46 00-0178	EA	18" 3 Position Vertical Insulation And Equipment Bracket	444.70	164.67
26 05 46 00-0179		**Horizontal And Multiple Insulator Brackets** *(26 05 46 00-0172)*		
26 05 46 00-0180	EA	Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets	245.98	109.78
26 05 46 00-0181	EA	Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets	280.43	109.78
26 05 46 00-0182	EA	Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets	412.46	164.67
26 05 46 00-0183	EA	Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets	493.77	164.67
26 05 46 00-0184	EA	Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets	637.27	219.56
26 05 46 00-0185	EA	Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets	680.43	219.56
26 05 46 00-0186		**Pole Top Bracket And Pins** *(26 05 46 00-0172)*		
26 05 46 00-0187	EA	Pole Top Pin - 5"	250.98	109.78
26 05 46 00-0188	EA	Pole Top Bracket - 5"	259.35	109.78
26 05 46 00-0189		**Angle Pins** *(26 05 46 00-0172)*		
26 05 46 00-0190	EA	Angle Pin - 25 Degree, 6"	249.85	109.78
26 05 46 00-0191	EA	Angle Pin - 25 Degree, 7 1/4"	277.02	109.78
26 05 46 00-0192		**Static And Neutral Wire Brackets** *(26 05 46 00-0172)*		
26 05 46 00-0193	EA	Neutral Wire Extension Bracket	261.04	109.78
26 05 46 00-0194	EA	Static Wire Support Bracket	264.01	109.78
26 05 46 00-0195		**Cutout, Arrestor And Terminator Brackets** *(26 05 46 00-0172)*		
26 05 46 00-0196	EA	Cutout And Arrestor, With Mounting Bracket	258.37	109.78
26 05 46 00-0197	EA	Equipment Mounting T Bracket	283.77	109.78
26 05 46 00-0198	EA	15 KV Cutout	400.03	
26 05 46 00-0199	EA	9/10 KV Arrestor	364.30	109.78
26 05 46 00-0200		**Spacer Cable, Conduit Support And Cluster Bracket** *(26 05 46 00-0172)*		
26 05 46 00-0201	EA	Parallel Cable Spacer	282.38	109.78
26 05 46 00-0202	EA	Conduit Standoff Support Bracket	272.89	109.78
26 05 46 00-0203	EA	Three Transformer Pole Mounted Cluster Bracket	602.00	109.78
26 05 46 00-0204		**15 KV 200 Amp Solenoid Operated High Voltage Switch** *(26 05 46 00-0172)* Note: Includes pole mounting bracket.		
26 05 46 00-0205	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket	2,123.15	274.45
26 05 46 00-0206		**Octagonal Tapered** *(26 05 46 00-0125)*		
26 05 46 00-0207	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution	4,941.75	658.68
26 05 46 00-0208	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution	5,444.30	713.57
26 05 46 00-0209	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution	6,015.11	768.46
26 05 46 00-0210	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution	6,631.44	933.13
26 05 46 00-0211	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution	8,697.57	988.02
26 05 46 00-0212	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution	9,751.54	1,254.25
26 05 46 00-0213	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution	11,278.93	1,334.31
26 05 46 00-0214	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution	12,176.60	1,601.17
26 05 46 00-0215	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution	13,165.70	1,707.91
26 05 46 00-0216	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution	13,951.40	1,921.41
26 05 46 00-0217	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution	15,812.62	2,028.15
26 05 46 00-0218	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution	16,842.49	2,401.76
26 05 46 00-0219	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution	18,130.24	2,561.88
26 05 46 00-0220	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution	19,495.99	2,882.11
26 05 46 00-0221		**Removal And Relocation Of Steel Service Poles** *(26 05 46 00-0125)*		
26 05 46 00-0222	LF	Removal And Relocation Of Steel Service Poles With Arms Up To 60'	38.42	
26 05 46 00-0223		**Special Steel Bases For Poles** *(26 05 46 00-0125)*		
26 05 46 00-0224	EA	Spin-In Steel Base For Poles	195.85	
26 05 46 00-0225	EA	Series 3, 25' Pole And less	214.00	54.89
26 05 46 00-0226	EA	Series 4, 40' Pole And less	253.64	63.13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0227	EA	Series 5, 50' Pole And less	287.77	68.62
26 05 46 00-0228		**Primary Fuse Cutouts** *(26 05 46)*		
		Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 05 46 00-0229		**Non-Loadbreak Current Limiting Primary Fuse Cutouts** *(26 05 46 00-0228)*		
		Note: Includes the fuse and cut-out switch.		
26 05 46 00-0230		**8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0229)*		
26 05 46 00-0231	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	600.94	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	
26 05 46 00-0232	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	710.71	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.67*	
26 05 46 00-0233	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	820.13	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.49*	
26 05 46 00-0234	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	835.61	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.61*	
26 05 46 00-0235	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	835.61	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.61*	
26 05 46 00-0236		**17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0229)*		
26 05 46 00-0237	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting	600.94	219.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	
26 05 46 00-0238		**17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting** *(26 05 46 00-0229)*		
26 05 46 00-0239	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting	621.35	219.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	
26 05 46 00-0240		**Fuseholders** *(26 05 46 00-0229)*		
		Note: Including current limiting fuse.		
26 05 46 00-0241	EA	15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	514.93	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	
26 05 46 00-0242	EA	25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	624.70	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.67*	
26 05 46 00-0243	EA	40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	734.12	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.49*	
26 05 46 00-0244	EA	100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	521.99	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	
26 05 46 00-0245	EA	200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	631.76	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.67*	
26 05 46 00-0246	EA	15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	514.93	219.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	
26 05 46 00-0247		**Accessories** *(26 05 46 00-0229)*		
26 05 46 00-0248	EA	Hot Line Clamp	75.95	24.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.47*	
26 05 46 00-0249	EA	Stirrup	82.43	24.70
26 05 46 00-0250		**Loadbreak Current Limiting Primary Fuse Cutouts** *(26 05 46 00-0228)*		
		Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
26 05 46 00-0251		**8.3 KV-95 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0250)*		
26 05 46 00-0252	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	759.85	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	
26 05 46 00-0253	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	869.62	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.67*	
26 05 46 00-0254	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	979.04	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.49*	
26 05 46 00-0255	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,009.33	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.61*	
26 05 46 00-0256	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,009.33	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.61*	
26 05 46 00-0257		**17.1 KV-95 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0250)*		
26 05 46 00-0258	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting	759.85	219.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	
26 05 46 00-0259		**17.1 KV-125 KV BIL Loadbreak Current Limiting** *(26 05 46 00-0250)*		
26 05 46 00-0260	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting	759.85	219.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	
26 05 46 00-0261		**Fuseholders** *(26 05 46 00-0250)*		
		Note: Includes current limiting fuses.		
26 05 46 00-0262	EA	15 Amp, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	522.22	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	
26 05 46 00-0263	EA	25 Amp, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	631.99	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0264	EA	40 Amp, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	741.41	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*197.49*	
26 05 46 00-0265	EA	15 Amp, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	522.22	274.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.74*	

26 05 46 00-0266 Pole Mounted Capacitors *(26 05 46 00-0250)*

26 05 46 00-0267	EA	Capacitors - Pole Mounted 6 KVAR	1,348.36	221.31

26 05 46 00-0268 Pole Structure Assemblies *(26 05 46 00-0228)*

26 05 46 00-0269 5 KV Pole Structure Assemblies *(26 05 46 00-0268)*

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 05 46 00-0270	EA	Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	446.33	208.58
26 05 46 00-0271	EA	Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	746.14	351.30
26 05 46 00-0272	EA	Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	835.48	274.45
26 05 46 00-0273	EA	Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	474.97	142.71
26 05 46 00-0274	EA	Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	604.92	197.61
26 05 46 00-0275	EA	Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,064.05	395.21
26 05 46 00-0276	EA	Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	833.02	296.40
26 05 46 00-0277	EA	Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,529.59	592.81
26 05 46 00-0278	EA	Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,737.26	669.65
26 05 46 00-0279	EA	Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	945.25	329.34
26 05 46 00-0280	EA	Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	810.28	351.30
26 05 46 00-0281	EA	Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,528.40	713.57
26 05 46 00-0282	EA	Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,151.91	428.14
26 05 46 00-0283	EA	Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	723.60	307.38
26 05 46 00-0284	EA	Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,366.90	625.74
26 05 46 00-0285	EA	Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,061.42	318.37

26 05 46 00-0286 15 KV Pole Structure Assemblies *(26 05 46 00-0268)*

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 05 46 00-0287	EA	Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	466.74	208.58
26 05 46 00-0288	EA	Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	775.29	351.30
26 05 46 00-0289	EA	Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	934.61	274.45
26 05 46 00-0290	EA	Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	509.96	142.71
26 05 46 00-0291	EA	Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	654.48	186.63
26 05 46 00-0292	EA	Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,163.18	395.21
26 05 46 00-0293	EA	Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	905.91	296.40
26 05 46 00-0294	EA	Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,678.29	592.81
26 05 46 00-0295	EA	Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,938.45	669.65
26 05 46 00-0296	EA	Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,044.38	329.34
26 05 46 00-0297	EA	Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	848.19	351.30
26 05 46 00-0298	EA	Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,566.31	713.57
26 05 46 00-0299	EA	Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,227.72	428.14
26 05 46 00-0300	EA	Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	761.51	296.40
26 05 46 00-0301	EA	Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,404.81	625.74
26 05 46 00-0302	EA	Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,137.23	384.23

26 05 46 00-0303 25 KV Pole Structure Assemblies *(26 05 46 00-0268)*

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 05 46 00-0304	EA	Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,391.36	329.34
26 05 46 00-0305	EA	Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	848.03	164.67
26 05 46 00-0306	EA	Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,230.53	252.49
26 05 46 00-0307	EA	Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,638.38	515.96
26 05 46 00-0308	EA	Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,550.19	384.23
26 05 46 00-0309	EA	Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,518.05	757.48
26 05 46 00-0310	EA	Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,414.94	856.28
26 05 46 00-0311	EA	Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,685.03	499.50
26 05 46 00-0312	EA	Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,470.69	499.50

26 05 46 00-0313 50 KV Pole Structure Assemblies *(26 05 46 00-0268)*

Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.

26 05 46 00-0314	EA	Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,869.28	450.10
26 05 46 00-0315	EA	Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,015.24	230.54
26 05 46 00-0316	EA	Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,294.60	362.27
26 05 46 00-0317	EA	Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,437.58	735.52
26 05 46 00-0318	EA	Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,867.55	548.89
26 05 46 00-0319	EA	Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,592.23	1,097.80
26 05 46 00-0320	EA	Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	4,241.47	1,218.56
26 05 46 00-0321	EA	Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,159.38	592.81
26 05 46 00-0322	EA	Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,185.74	686.13
26 05 46 00-0323	EA	Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,105.02	647.70

26 05 46 00-0324 Overhead To Underground Conversion Structures *(26 05 46 00-0228)*

Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.

26 05 46 00-0325 5 KV Structures *(26 05 46 00-0324)*

Note: Excludes pole.

26 05 46 00-0326	EA	(3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	4,527.47	2,195.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0327	EA	(3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	4,527.47	2,195.60
26 05 46 00-0328	EA	(4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	4,527.47	2,195.60
26 05 46 00-0329	EA	(4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	4,527.47	2,195.60
26 05 46 00-0330		**15 KV Structures** *(26 05 46 00-0324)* Note: Excludes pole.		
26 05 46 00-0331	EA	(3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	4,664.66	2,195.60
26 05 46 00-0332	EA	(3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	4,664.66	2,195.60
26 05 46 00-0333	EA	(4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	4,664.66	2,195.60
26 05 46 00-0334	EA	(4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	4,664.66	2,195.60
26 05 46 00-0335		**25 KV Structures** *(26 05 46 00-0324)* Note: Excludes pole.		
26 05 46 00-0336	EA	(3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	4,814.32	2,195.60
26 05 46 00-0337	EA	(3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	4,814.32	2,195.60
26 05 46 00-0338	EA	(4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	4,814.32	2,195.60
26 05 46 00-0339	EA	(4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	4,814.32	2,195.60
26 05 46 00-0340		**Transformer Stations** *(26 05 46 00-0228)* Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
26 05 46 00-0341		**5 KV Station** *(26 05 46 00-0340)*		
26 05 46 00-0342	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	6,237.06	2,925.90
26 05 46 00-0343	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole	6,997.97	3,292.74
26 05 46 00-0344	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	7,758.89	3,659.33
26 05 46 00-0345	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole	7,758.89	3,659.33
26 05 46 00-0346	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole	6,237.06	2,925.90
26 05 46 00-0347		**15 KV Stations** *(26 05 46 00-0340)*		
26 05 46 00-0348	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	6,374.25	2,925.90
26 05 46 00-0349	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole	7,135.16	3,292.74
26 05 46 00-0350	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	7,896.09	3,659.33
26 05 46 00-0351	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole	7,896.09	3,659.33
26 05 46 00-0352	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole	6,374.25	2,925.90
26 05 46 00-0353		**25 KV Stations** *(26 05 46 00-0340)*		
26 05 46 00-0354	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	6,523.91	2,925.90
26 05 46 00-0355	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole	7,284.83	3,292.74
26 05 46 00-0356	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	8,045.75	3,659.33
26 05 46 00-0357	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole	8,045.75	3,659.33
26 05 46 00-0358	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole	6,523.91	2,925.90

26 05 53 Identification for Electrical Systems *(26 05)*

26 05 53 00-0001		**Conduit Markers Pressure-Sensitive** *(26 05 53)* Note: Stick-on, includes arrow tape.	
26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on	10.88
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on	11.38
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on	12.38
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on	12.58
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	12.77
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on	13.08
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	15.16
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on	15.56
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	15.86
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on	16.16
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	16.78
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on	17.45
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on	18.04
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on	18.63
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on	20.34
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on	21.43
26 05 53 00-0018		**Labeling Electrical Wires** *(26 05 53)* Note: Self-adhesive vinly coated white cloth	
26 05 53 00-0019	EA	Labeling Wire	3.11

26 05 83 Wiring Connections *(26 05)*

26 05 83 00-0001		**Tape Wrapped Compression Connectors** *(26 05 83)*		
26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	12.95	4.49
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	14.15	4.99
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	15.26	5.49
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	17.58	5.98
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	18.92	6.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	20.94	6.98
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	22.43	7.48
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	24.42	7.98
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	27.04	8.98
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	28.38	9.48
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	31.45	9.98
26 05 83 00-0013	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	34.15	10.47
26 05 83 00-0014	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	38.10	11.47
26 05 83 00-0015	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts	44.14	12.96

26 05 83 00-0016 One Hole Compression Lugs *(26 05 83)*

26 05 83 00-0017	EA	#22-18 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	17.11	12.96
26 05 83 00-0018	EA	#16-14 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	17.22	12.96
26 05 83 00-0019	EA	#12-10 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	19.47	13.97
26 05 83 00-0020	EA	#8 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	24.01	15.46
26 05 83 00-0021	EA	#6 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	33.77	19.95
26 05 83 00-0022	EA	#4 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	39.60	19.95
26 05 83 00-0023	EA	#2 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	45.58	19.95
26 05 83 00-0024	EA	1/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	56.19	29.93
26 05 83 00-0025	EA	2/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	65.89	29.93
26 05 83 00-0026	EA	3/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	77.12	29.93
26 05 83 00-0027	EA	4/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug	93.00	39.90
26 05 83 00-0028	EA	250 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	110.30	59.85
26 05 83 00-0029	EA	300 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	126.18	59.85
26 05 83 00-0030	EA	350 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	135.64	59.85
26 05 83 00-0031	EA	400 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	147.67	69.83
26 05 83 00-0032	EA	500 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	161.42	69.83
26 05 83 00-0033	EA	750 MCM Low Voltage (To 600 Volts) One Hole Compression Lug	175.45	79.80
26 05 83 00-0034	EA	1,000 MCM Compression Lugs, 1 Hole, Low Voltage, To 600 Volts	206.00	89.78

26 05 83 00-0035 Two Hole Compression Lugs *(26 05 83)*

26 05 83 00-0036	EA	#8 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	34.87	16.96
26 05 83 00-0037	EA	#6 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	37.42	18.05
26 05 83 00-0038	EA	#4 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	39.47	18.05
26 05 83 00-0039	EA	#2 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	45.43	20.75
26 05 83 00-0040	EA	1/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	56.03	25.94
26 05 83 00-0041	EA	2/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	65.72	30.83
26 05 83 00-0042	EA	3/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	76.93	36.11
26 05 83 00-0043	EA	4/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug	92.80	43.79
26 05 83 00-0044	EA	250 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	110.06	51.97
26 05 83 00-0045	EA	300 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	125.90	59.35
26 05 83 00-0046	EA	350 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	135.34	63.94
26 05 83 00-0047	EA	400 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	147.33	69.23
26 05 83 00-0048	EA	500 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	161.03	75.61
26 05 83 00-0049	EA	750 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	175.90	81.99
26 05 83 00-0050	EA	1,000 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug	217.45	99.76

26 05 83 00-0051 Tape Wrapped Split Bolt Connectors *(26 05 83)*

26 05 83 00-0052	EA	#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	52.26	39.90
26 05 83 00-0053	EA	#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	57.47	42.89
26 05 83 00-0054	EA	#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	65.51	44.88
26 05 83 00-0055	EA	#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	75.97	49.87
26 05 83 00-0056	EA	1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	89.61	54.86
26 05 83 00-0057	EA	2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	100.22	59.85
26 05 83 00-0058	EA	3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	125.18	64.84
26 05 83 00-0059	EA	4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	134.28	69.83
26 05 83 00-0060	EA	250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	141.51	74.81
26 05 83 00-0061	EA	300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	161.09	82.29
26 05 83 00-0062	EA	350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	180.67	119.70
26 05 83 00-0063	EA	400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	197.77	99.76
26 05 83 00-0064	EA	500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	214.86	134.66
26 05 83 00-0065	EA	750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	237.75	139.65
26 05 83 00-0066	EA	1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts	268.58	149.63

26 05 83 00-0067 Cable Termination Lugs Handwrapped, No Stress Cone *(26 05 83)*

26 05 83 00-0068	EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	71.49	39.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.95*	
26 05 83 00-0069	EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	82.65	39.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.75*	
26 05 83 00-0070	EA	1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	114.32	59.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.25*	
26 05 83 00-0071	EA	4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	136.41	59.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.37*	
26 05 83 00-0072	EA	300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	163.64	74.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.34*	
26 05 83 00-0073	EA	500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts	226.37	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.35*	

26 05 83 00-0074 Terminal Blocks *(26 05 83)*

Note: Labor excludes wire termination.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0075	EA	Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt	867.09	369.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*221.67*	
26 05 83 00-0076	EA	#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block	216.36	49.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.26*	
26 05 83 00-0077	EA	#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block	238.08	49.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.58*	

26 05 83 00-0078 Parallel Gutter Tap Or Motor Connection *(26 05 83)*

26 05 83 00-0079	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	34.87	18.05
26 05 83 00-0080	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	37.42	18.05
26 05 83 00-0081	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	39.47	18.05
26 05 83 00-0082	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	45.43	20.75
26 05 83 00-0083	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	56.03	25.94
26 05 83 00-0084	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	65.72	30.83
26 05 83 00-0085	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	76.94	36.11
26 05 83 00-0086	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	92.80	43.79
26 05 83 00-0087	EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	110.06	51.97
26 05 83 00-0088	EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	125.90	59.35
26 05 83 00-0089	EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	135.35	63.94
26 05 83 00-0090	EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	147.33	69.23
26 05 83 00-0091	EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	161.03	75.61
26 05 83 00-0092	EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	161.38	75.61
26 05 83 00-0093	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	34.87	18.05
26 05 83 00-0094	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	37.42	18.05
26 05 83 00-0095	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	39.47	18.05
26 05 83 00-0096	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	45.43	20.75
26 05 83 00-0097	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	56.03	25.94
26 05 83 00-0098	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	65.72	30.83
26 05 83 00-0099	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	76.94	36.11
26 05 83 00-0100	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	92.80	43.79
26 05 83 00-0101	EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	110.06	51.97
26 05 83 00-0102	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	125.90	59.35
26 05 83 00-0103	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	135.35	63.94
26 05 83 00-0104	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	147.33	69.23
26 05 83 00-0105	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	161.03	75.61
26 05 83 00-0106	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	161.38	75.61

26 05 83 00-0107 Copper Mechanical Lugs *(26 05 83)*

26 05 83 00-0108	EA	#8 Copper Mechanical Lugs	27.40	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 05 83 00-0109	EA	#6 Copper Mechanical Lugs	32.93	15.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.04*	
26 05 83 00-0110	EA	#4 Copper Mechanical Lugs	38.08	17.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.47*	
26 05 83 00-0111	EA	#2 Copper Mechanical Lugs	49.51	22.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.36*	
26 05 83 00-0112	EA	1/0 Copper Mechanical Lugs	66.65	29.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 05 83 00-0113	EA	2/0 Copper Mechanical Lugs	78.95	34.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 05 83 00-0114	EA	3/0 Copper Mechanical Lugs	91.92	39.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 05 83 00-0115	EA	4/0 Copper Mechanical Lugs	104.25	44.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.85*	
26 05 83 00-0116	EA	250 MCM Copper Mechanical Lugs	118.63	49.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 05 83 00-0117	EA	300 MCM Copper Mechanical Lugs	132.77	54.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.93*	
26 05 83 00-0118	EA	350 MCM Copper Mechanical Lugs	146.84	59.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	
26 05 83 00-0119	EA	400 MCM Copper Mechanical Lugs	160.80	64.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.87*	
26 05 83 00-0120	EA	500 MCM Copper Mechanical Lugs	175.02	69.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.90*	
26 05 83 00-0121	EA	750 MCM Copper Mechanical Lugs	198.59	79.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.73*	
26 05 83 00-0122	EA	1,000 MCM Copper Mechanical Lugs	224.67	89.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	

26 05 83 00-0123 Gel Connectors *(26 05 83)*

26 05 83 00-0124	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit Note: Kit contains connector, gel filled cap and cap clamp.	41.45	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.00*	
26 05 83 00-0125	EA	4 Port, #14 to 2, Gel Tap Splice Kit	40.68	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.60*	

26 05 83 00-0126 Other Connections *(26 05 83)*

26 05 83 00-0127	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	9.84	4.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.74*	
26 05 83 00-0128	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	9.92	4.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.74*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0129		EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	9.99	4.56
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.74*	

26 05 83 00-0130 Motor/Equipment Connections And Terminations *(26 05 83)*

Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.

26 05 83 00-0131 AC Single Phase, 230 Volt *(26 05 83 00-0130)*

26 05 83 00-0132		EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	66.53	24.94
26 05 83 00-0133		EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	65.97	24.94
26 05 83 00-0134		EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	76.62	29.93
26 05 83 00-0135		EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	92.82	37.41
26 05 83 00-0136		EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	93.94	37.41
26 05 83 00-0137		EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	94.17	37.41
26 05 83 00-0138		EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	97.86	37.41
26 05 83 00-0139		EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	123.24	49.87
26 05 83 00-0140		EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	127.38	49.87
26 05 83 00-0141		EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	161.59	62.35

26 05 83 00-0142 AC Three Phase, 230 Volt *(26 05 83 00-0130)*

26 05 83 00-0143		EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	65.97	24.94
26 05 83 00-0144		EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	76.62	29.93
26 05 83 00-0145		EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	92.82	37.41
26 05 83 00-0146		EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	93.94	37.41
26 05 83 00-0147		EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	94.17	37.41
26 05 83 00-0148		EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	97.86	37.41
26 05 83 00-0149		EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	123.24	49.87
26 05 83 00-0150		EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	127.38	49.87
26 05 83 00-0151		EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	161.59	62.35
26 05 83 00-0152		EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	167.18	62.35
26 05 83 00-0153		EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	214.16	74.81
26 05 83 00-0154		EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	222.66	74.81
26 05 83 00-0155		EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	305.74	99.76
26 05 83 00-0156		EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	383.57	124.69
26 05 83 00-0157		EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	449.79	149.63
26 05 83 00-0158		EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	538.33	174.56
26 05 83 00-0159		EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	619.75	199.50
26 05 83 00-0160		EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	767.71	249.38
26 05 83 00-0161		EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	904.80	296.76
26 05 83 00-0162		EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,076.02	346.13
26 05 83 00-0163		EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,511.80	519.11

26 05 83 00-0164 AC Three Phase, 460 Volt *(26 05 83 00-0130)*

26 05 83 00-0165		EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	65.97	24.94
26 05 83 00-0166		EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	76.62	29.93
26 05 83 00-0167		EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	92.82	37.41
26 05 83 00-0168		EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	93.94	37.41
26 05 83 00-0169		EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	94.17	37.41
26 05 83 00-0170		EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	97.86	37.41
26 05 83 00-0171		EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	123.24	49.87
26 05 83 00-0172		EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	127.38	49.87
26 05 83 00-0173		EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	161.59	62.35
26 05 83 00-0174		EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	167.18	62.35
26 05 83 00-0175		EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	214.17	74.81
26 05 83 00-0176		EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	222.65	74.81
26 05 83 00-0177		EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	305.74	99.76
26 05 83 00-0178		EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	383.86	124.89
26 05 83 00-0179		EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	449.79	149.63
26 05 83 00-0180		EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	538.33	174.56
26 05 83 00-0181		EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	619.75	199.50
26 05 83 00-0182		EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	767.71	249.38
26 05 83 00-0183		EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	905.09	296.86
26 05 83 00-0184		EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,076.40	346.33
26 05 83 00-0185		EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,512.67	519.51

26 05 83 00-0186 AC Single Phase, 120 Volt *(26 05 83 00-0130)*

26 05 83 00-0187		EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing	66.53	24.94

26 05 83 00-0188 Motor Moisture Sensor *(26 05 83 00-0130)*

26 05 83 00-0189		EA	Motor Moisture Sensor Located In Winding	596.37	

26 09 Instrumentation and Control for Electrical Systems *(26)*

Note: Includes testing of new devices and certification.

26 09 23 Lighting Control Devices *(26 09)*

26 09 23 00-0001 Lighting Contactors *(26 09 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: Up to 600 volt.		
26 09 23 00-0002		Electrically Held, Lighting Contactors *(26 09 23 00-0001)*		
26 09 23 00-0003		NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*		
26 09 23 00-0004		2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*		
26 09 23 00-0005	EA	20 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	344.24	79.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.88*	
26 09 23 00-0006	EA	30 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	421.01	89.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 09 23 00-0007	EA	60 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	773.90	139.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.79*	
26 09 23 00-0008	EA	100 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,191.19	189.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.72*	
26 09 23 00-0009	EA	200 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,408.64	249.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.63*	
26 09 23 00-0010		3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*		
26 09 23 00-0011	EA	20 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	388.58	89.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 09 23 00-0012	EA	30 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	462.27	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0013	EA	60 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	842.20	159.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.76*	
26 09 23 00-0014	EA	100 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,288.93	209.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.69*	
26 09 23 00-0015	EA	200 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,588.87	274.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.59*	
26 09 23 00-0016		4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*		
26 09 23 00-0017	EA	20 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	454.55	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0018	EA	30 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	540.56	109.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.84*	
26 09 23 00-0019	EA	60 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,011.97	179.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.73*	
26 09 23 00-0020	EA	100 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,531.22	229.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.66*	
26 09 23 00-0021	EA	200 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	3,279.44	299.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.55*	
26 09 23 00-0022		NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*		
26 09 23 00-0023		2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*		
26 09 23 00-0024	EA	20 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	540.52	79.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.88*	
26 09 23 00-0025	EA	30 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	681.24	89.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 09 23 00-0026	EA	60 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,292.84	139.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.79*	
26 09 23 00-0027	EA	100 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,928.26	189.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.72*	
26 09 23 00-0028	EA	200 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,666.67	249.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.63*	
26 09 23 00-0029		3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*		
26 09 23 00-0030	EA	20 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	564.34	89.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 09 23 00-0031	EA	30 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	722.50	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0032	EA	60 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,362.66	159.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.76*	
26 09 23 00-0033	EA	100 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,025.49	209.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.69*	
26 09 23 00-0034	EA	200 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,846.40	274.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.59*	
26 09 23 00-0035		4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0022)*		
26 09 23 00-0036	EA	20 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	611.46	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0037	EA	30 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	800.79	109.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.84*	
26 09 23 00-0038	EA	60 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,734.83	179.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.73*	
26 09 23 00-0039	EA	100 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,470.18	229.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.66*	
26 09 23 00-0040	EA	200 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	5,094.96	299.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.55*	
26 09 23 00-0041		Mechanically Held, Lighting Contactors *(26 09 23 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0042		NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0041)*		
26 09 23 00-0043		2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*		
26 09 23 00-0044	EA	20 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	487.30	79.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.88*	
26 09 23 00-0045	EA	30 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	553.92	89.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 09 23 00-0046	EA	60 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,032.61	139.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.79*	
26 09 23 00-0047	EA	100 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,436.20	189.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.72*	
26 09 23 00-0048	EA	200 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	3,204.04	249.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.63*	
26 09 23 00-0049		3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*		
26 09 23 00-0050	EA	20 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	523.31	89.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 09 23 00-0051	EA	30 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	596.19	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0052	EA	60 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,102.43	159.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.76*	
26 09 23 00-0053	EA	100 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,534.45	209.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.69*	
26 09 23 00-0054	EA	200 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	3,599.87	274.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.59*	
26 09 23 00-0055		4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0042)*		
26 09 23 00-0056	EA	20 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	566.55	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0057	EA	30 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	637.45	109.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.84*	
26 09 23 00-0058	EA	60 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,285.89	179.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.73*	
26 09 23 00-0059	EA	100 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,791.45	229.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.66*	
26 09 23 00-0060	EA	200 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	4,328.47	299.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.55*	
26 09 23 00-0061		NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0041)*		
26 09 23 00-0062		2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*		
26 09 23 00-0063	EA	20 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	708.52	79.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.88*	
26 09 23 00-0064	EA	30 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	814.15	89.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 09 23 00-0065	EA	60 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,553.07	139.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.79*	
26 09 23 00-0066	EA	100 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,173.27	189.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.72*	
26 09 23 00-0067	EA	200 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,461.05	249.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.63*	
26 09 23 00-0068		3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*		
26 09 23 00-0069	EA	20 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	751.75	89.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 09 23 00-0070	EA	30 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	856.42	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0071	EA	60 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,622.89	159.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.76*	
26 09 23 00-0072	EA	100 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,272.02	209.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.69*	
26 09 23 00-0073	EA	200 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,857.90	274.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.59*	
26 09 23 00-0074		4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0061)*		
26 09 23 00-0075	EA	20 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	797.76	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0076	EA	30 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	897.68	109.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.84*	
26 09 23 00-0077	EA	60 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,008.76	179.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.73*	
26 09 23 00-0078	EA	100 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,730.41	229.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.66*	
26 09 23 00-0079	EA	200 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	6,106.97	299.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.55*	
26 09 23 00-0080		Combination Lighting Contactors *(26 09 23)*		
		Note: Up to 600 volt.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0081		Electrically Held, Combination Lighting Contactors *(26 09 23 00-0080)*		
26 09 23 00-0082		NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0081)*		
26 09 23 00-0083		3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0082)*		
26 09 23 00-0084	EA	30 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	915.69	109.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.84*	
26 09 23 00-0085	EA	60 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,437.69	175.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.34*	
26 09 23 00-0086	EA	100 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,291.60	230.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.26*	
26 09 23 00-0087	EA	200 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,116.61	301.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.05*	
26 09 23 00-0088		NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0081)*		
26 09 23 00-0089		3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0088)*		
26 09 23 00-0090	EA	30 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,608.88	109.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.84*	
26 09 23 00-0091	EA	60 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,506.01	175.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.34*	
26 09 23 00-0092	EA	100 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,155.82	230.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.26*	
26 09 23 00-0093	EA	200 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	6,501.29	301.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.05*	
26 09 23 00-0094		Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0080)*		
26 09 23 00-0095		NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0094)*		
26 09 23 00-0096		3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0095)*		
26 09 23 00-0097	EA	30 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	994.82	109.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.84*	
26 09 23 00-0098	EA	60 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,711.62	175.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.34*	
26 09 23 00-0099	EA	100 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,551.07	230.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.26*	
26 09 23 00-0100	EA	200 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,853.92	301.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.05*	
26 09 23 00-0101		NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0094)*		
26 09 23 00-0102		3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0101)*		
26 09 23 00-0103	EA	30 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,688.77	109.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.84*	
26 09 23 00-0104	EA	60 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,781.46	175.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*105.34*	
26 09 23 00-0105	EA	100 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,416.05	230.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*138.26*	
26 09 23 00-0106	EA	200 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,238.60	301.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.05*	
26 09 23 00-0107		Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket *(26 09 23)*		
26 09 23 00-0108	EA	Photo-Cell, 105-130 Volt Relay, Lighting Arrester, Receptacle And Bracket	119.28	25.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.59*	
26 09 23 00-0109	EA	Photo-Cell, 105-285 Volt Relay, Lighting Arrester, Receptacle And Bracket	130.44	25.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.59*	
26 09 23 00-0110		Dimming Module System (Lutron Grafik Eye) *(26 09 23)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0111	EA	2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)	1,056.52	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0112	EA	4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)	1,347.58	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0113	EA	6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)	1,643.84	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.85*	
26 09 23 00-0114		**Dimming Module Contol (Leviton)** *(26 09 23)*		
26 09 23 00-0115	EA	5 Amp Wireless Dimming Module (Leviton WSD05-9D0)	136.47	12.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 09 23 00-0116		**Light Control Panels** *(26 09 23)*		
26 09 23 00-0117		**Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0116)*		
26 09 23 00-0118		**Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0117)*		
26 09 23 00-0119	EA	4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4)	1,427.14	139.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.91*	
26 09 23 00-0120	EA	8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8)	1,342.74	149.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.90*	
26 09 23 00-0121	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G)	1,505.80	149.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.90*	
26 09 23 00-0122	EA	8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8)	2,235.52	149.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.90*	
26 09 23 00-0123	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G)	2,426.96	149.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.90*	
26 09 23 00-0124	EA	4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4)	1,583.96	139.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.91*	
26 09 23 00-0125	EA	8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8)	1,699.57	149.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.90*	
26 09 23 00-0126	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G)	1,890.82	149.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.90*	
26 09 23 00-0127	EA	8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8)	2,312.03	149.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.90*	
26 09 23 00-0128	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G)	2,503.46	149.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.90*	
26 09 23 00-0129		**Accessories For Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0117)*		
26 09 23 00-0130	EA	Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2)	140.85	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.98*	
26 09 23 00-0131	EA	Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W)	108.58	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0132	EA	Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2)	59.39	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0133		**Lighting Control Panels (Synergy)** *(26 09 23 00-0116)*		
26 09 23 00-0134		**Lighting Control Panels (Synergy)** *(26 09 23 00-0133)*		
26 09 23 00-0135	EA	8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S)	1,671.50	149.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.90*	
26 09 23 00-0136		**Accessories For Lighting Control Panels (Synergy)** *(26 09 23 00-0133)*		
26 09 23 00-0137	EA	Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL)	402.90	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.98*	
26 09 23 00-0138	EA	Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20)	156.24	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0139	EA	Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT)	94.10	14.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 09 23 00-0140		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0116)*		
26 09 23 00-0141		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0140)*		
26 09 23 00-0142	EA	8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT)	1,376.92	149.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.90*	
26 09 23 00-0143	EA	12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT)	1,860.49	159.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.89*	
26 09 23 00-0144	EA	16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT)	2,412.63	169.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.89*	
26 09 23 00-0145		**Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera)** *(26 09 23 00-0116)*		
26 09 23 00-0146	EA	6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z)	944.85	139.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.91*	
26 09 23 00-0147	EA	12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z)	1,065.79	139.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0148	EA	18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z)	1,186.73	139.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.91*	
26 09 23 00-0149		**Power Filters** *(26 09 23 00-0116)*		
26 09 23 00-0150	EA	600 Amp 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure	35,066.41	831.24
26 09 23 00-0151	EA	200 Amp 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure	20,765.16	361.40
26 09 23 00-0152		**Signal Filters** *(26 09 23 00-0116)*		
26 09 23 00-0153	EA	0.5 Amp 125 V 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	15,986.40	755.72
26 09 23 00-0154	EA	0.5 Amp 125 V 200 Conductor Signal Filter With 29" X 40" X 11" Case	10,944.79	461.85
26 09 23 00-0155	EA	0.5 Amp 125 V 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	6,103.61	268.13
26 09 23 00-0156	EA	5 Amp 24 V DC 5 V 2 - 1 Pair Conductor Signal Filter With Case	8,330.54	268.13
26 09 23 00-0157		**Lighting Control Devices (Encelium)** *(26 09 23)*		
26 09 23 00-0158	EA	8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120V) With Polaris 3D™ (Encelium EN-ECU-G4-P3D) Note: Excludes GB II cable.	9,217.26	99.89
26 09 23 00-0159	EA	Server, System Support Unit (SSU) (Encelium EN-SSU-1U) Note: Excludes GB II and Ethernet cable.	4,245.07	99.89
26 09 23 00-0160	EA	Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT) Note: Excludes GB II and Ethernet cable.	2,237.05	99.89
26 09 23 00-0161	EA	Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT) Note: Excludes GB II and Ethernet cable.	9,271.13	99.89
26 09 23 00-0162	EA	Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK) Note: Excludes GB II cable.	79.67	12.49
26 09 23 00-0163	EA	Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR) Note: Excludes GB II cable.	119.45	12.49
26 09 23 00-0164	EA	Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK) Note: Excludes GB II cable.	155.66	24.97
26 09 23 00-0165	EA	Damp Rated, Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR) Note: Excludes GB II cable.	184.91	24.97
26 09 23 00-0166	EA	Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK) Note: Excludes GB II cable.	104.64	24.97
26 09 23 00-0167	EA	Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR) Note: Excludes GB II cable.	144.42	24.97
26 09 23 00-0168	EA	16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700) Note: Excludes cable.	356.33	49.94
26 09 23 00-0169	EA	Rack Mounted, Wired Power Bar (Encelium PWR-700)	274.59	49.94
26 09 23 00-0170	EA	Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800)	480.05	49.94
26 09 23 00-0171	EA	Wall Mounted, 4U Mounting Rack (Encelium RCK-700)	182.23	49.94
26 09 23 00-0172	EA	4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042) Note: Excludes cable.	534.79	49.94
26 09 23 00-0173	EA	Wired BACnet Interface (Encelium BIF-600) Note: Excludes cable.	5,425.60	199.78
26 09 23 00-0174	EA	Wired AV Interface (Encelium EN-SW-AVINT) Note: Excludes cable.	3,961.47	49.94
26 09 23 00-0175	EA	Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH) Note: Includes white finish. Excludes GB II cable.	154.32	12.49
26 09 23 00-0176	EA	3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	186.64	12.49
26 09 23 00-0177	EA	3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	178.84	12.49
26 09 23 00-0178	EA	5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH) Note: Includes white finish. Excludes GB II cable.	186.64	12.49
26 09 23 00-0179	EA	6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH) Note: Includes white finish. Excludes GB II cable.	178.84	12.49
26 09 23 00-0180	EA	Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT) Note: Includes white finish. Excludes GB II cable.	136.84	12.49
26 09 23 00-0181	EA	Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT) Note: Includes white finish. Excludes GB II cable.	186.64	12.49
26 09 23 00-0182	EA	3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT) Note: Includes white finish. Excludes GB II cable.	178.84	12.49
26 09 23 00-0183	EA	Wired Key Switch Controller (Encelium KSW-300) Note: Excludes GB II cable.	133.70	12.49
26 09 23 00-0184	EA	Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH) Note: Includes white finish.	60.96	12.49
26 09 23 00-0185	EA	1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2)	58.12	24.97
26 09 23 00-0186	EA	1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2)	58.46	24.97
26 09 23 00-0187	EA	5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2)	61.22	24.97
26 09 23 00-0188	EA	10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2)	63.93	24.97
26 09 23 00-0189	EA	15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2)	67.18	24.97
26 09 23 00-0190	EA	20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2)	70.11	24.97
26 09 23 00-0191	EA	25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2)	73.70	24.97
26 09 23 00-0192	EA	50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2)	89.95	24.97
26 09 23 00-0193	EA	1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2)	500.75	24.97
26 09 23 00-0194	EA	Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2)	132.42	24.97
26 09 23 00-0195	EA	1,000' Box, Category 5, Network Cable (Encelium NWC-400-B)	642.30	24.97
26 09 23 00-0196	EA	Indoor Wired Photo Sensor (Encelium PHS-700) Note: Excludes GB II cable.	396.08	49.94
26 09 23 00-0197	EA	Outdoor Wired Photo Sensor (Encelium PHS-800) Note: Excludes GB II cable.	396.08	49.94
26 09 23 00-0198	EA	Skylight Wired Photo Sensor (Encelium PHS-900) Note: Excludes GB II cable.	396.08	49.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0199	EA	450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450) Note: Excludes GB II cable.	219.95	49.94
26 09 23 00-0200	EA	1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500) Note: Excludes GB II cable.	214.04	49.94
26 09 23 00-0201	EA	2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00) Note: Excludes GB II cable.	217.98	49.94
26 09 23 00-0202	EA	High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY) Note: Excludes GB II cable.	237.67	49.94
26 09 23 00-0203	EA	Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG) Note: Excludes GB II cable.	217.98	49.94
26 09 23 00-0204	EA	Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor, 120-277VAC, No Neutral (Encelium SSP-LNV) Note: Excludes GB II cable.	178.63	49.94
26 09 23 00-0205	EA	High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPEM24V) Note: Excludes GB II cable.	187.62	49.94
26 09 23 00-0206	EA	High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V) Note: Excludes GB II cable.	187.62	49.94
26 09 23 00-0207	EA	360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360) Note: Excludes GB II cable.	112.64	49.94
26 09 23 00-0208	EA	Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24) Note: Excludes GB II cable.	222.86	49.94
26 09 23 00-0209	EA	Hallway, Wired Occupancy Sensor (Encelium HW-13) Note: Excludes GB II cable.	303.09	49.94
26 09 23 00-0210	EA	500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500) Note: Excludes GB II cable.	269.16	49.94
26 09 23 00-0211	EA	1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000) Note: Excludes GB II cable.	284.90	49.94
26 09 23 00-0212	EA	2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000) Note: Excludes GB II cable.	292.78	49.94
26 09 23 00-0213	EA	1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200) Note: Excludes GB II cable.	267.19	49.94
26 09 23 00-0214	EA	Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor, 120-277VAC, No Neutral (Encelium SSM-LNV) Note: Excludes GB II cable.	227.83	49.94
26 09 23 00-0215	EA	500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W) Note: Excludes GB II cable.	277.62	49.94
26 09 23 00-0216	EA	1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W) Note: Excludes GB II cable.	275.56	49.94
26 09 23 00-0217	EA	2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W) Note: Excludes GB II cable.	302.42	49.94
26 09 23 00-0218	EA	1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W) Note: Excludes GB II cable.	294.16	49.94
26 09 23 00-0219	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24) Note: Excludes GB II cable.	314.34	49.94
26 09 23 00-0220	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV) Note: Excludes GB II cable.	294.24	49.94
26 09 23 00-0221	EA	Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT) Note: Excludes GB II cable.	294.24	49.94
26 09 23 00-0222	EA	10A, 120V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C)	203.54	49.94
26 09 23 00-0223	EA	10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C)	215.91	49.94
26 09 23 00-0224	EA	20A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P)	356.05	49.94
26 09 23 00-0225	EA	20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P)	378.76	49.94
26 09 23 00-0226	EA	10A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D)	287.13	49.94
26 09 23 00-0227	EA	10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D)	298.10	49.94
26 09 23 00-0228	EA	24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2) Note: Excludes GB II cable and enclosure.	829.63	99.89
26 09 23 00-0229	EA	24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V) Note: Excludes GB II cable.	2,643.67	399.55
26 09 23 00-0230	EA	12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V) Note: Excludes GB II cable.	3,750.41	399.55
26 09 23 00-0231	EA	24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V) Note: Excludes GB II cable.	4,857.14	399.55
26 09 23 00-0232	EA	Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2) Note: Excludes GB II cable.	414.82	49.94
26 09 23 00-0233	EA	Wired DALI Bridge (Encelium EN-DB-1L-GB2) Note: Excludes GB II cable.	471.06	49.94
26 09 23 00-0234	EA	Wireless Manager (Encelium EN-WM-ZB-P3D) Note: Includes white finish.	1,224.62	49.94
26 09 23 00-0235	EA	Wireless Control Module (Encelium EN-WCM-ZB)	177.41	24.97
26 09 23 00-0236	EA	Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR)	207.40	24.97
26 09 23 00-0237	EA	Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK)	208.15	24.97
26 09 23 00-0238	EA	Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR)	215.22	24.97
26 09 23 00-0239	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0240	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0241	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0242	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0243	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0244	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	157.31	12.49
26 09 23 00-0245	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	347.33	49.94
26 09 23 00-0246	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	227.36	49.94
26 09 23 00-0247	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	227.36	49.94

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26 09 23 00-0248	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	257.35	49.94
26 09 23 00-0249	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	257.35	49.94
26 09 23 00-0250	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0251	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0252	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0253	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0254	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0255	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) Note: Includes white finish.	157.31	12.49
26 09 23 00-0256	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	347.33	49.94
26 09 23 00-0257	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)	152.44	12.49
26 09 23 00-0258	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	152.44	12.49
26 09 23 00-0259	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)	152.44	12.49
26 09 23 00-0260	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	157.31	12.49
26 09 23 00-0261	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	347.33	49.94
26 09 23 00-0262	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	227.36	49.94
26 09 23 00-0263	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	227.36	49.94
26 09 23 00-0264	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	257.35	49.94
26 09 23 00-0265	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	257.35	49.94
26 09 23 00-0266	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0267	EA	3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0268	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0269	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0270	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	152.44	12.49
26 09 23 00-0271	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	157.31	12.49
26 09 23 00-0272	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	347.33	49.94
26 09 23 00-0273	EA	Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB)	117.13	49.94
26 09 23 00-0274	EA	Emergency Lighting Control Unit (WattStopper ELCU-200)	205.58	44.95
26 09 23 00-0275	EA	Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit)	446.08	49.94

26 09 23 00-0276 Lighting Control Sensors *(26 09 23)*

26 09 23 00-0277	EA	DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI)	235.44	22.47
26 09 23 00-0278	EA	DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI)	235.44	22.47
26 09 23 00-0279	EA	Smart Multi-sensor (LG 9SD131VVDA.ALWB000)	207.80	22.47
26 09 23 00-0280	EA	Zigbee Dongle (LG 9CM2315VD2.AWP01U)	64.41	14.98
26 09 23 00-0281	EA	Clip for Performance Troffer (LG BKTTR015122.BUAAWAA)	6.16	
26 09 23 00-0282	EA	Clip for Downlight (BKTCE015123.BUAAWAA)	41.09	
26 09 23 00-0283	EA	Clip for Tube (LG BKTTU015121.BUAAWAA)	8.17	

26 09 23 00-0284 Radio Controlled Devices (Lutron) *(26 09 23)*

26 09 23 00-0285 Tabletop Transmitters For Radio Controlled Devices *(26 09 23 00-0284)*

26 09 23 00-0286 Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0285)*

26 09 23 00-0287	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	300.44	14.98
26 09 23 00-0288	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	388.59	14.98
26 09 23 00-0289	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	487.76	14.98

26 09 23 00-0290 Dimmable Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0285)*

26 09 23 00-0291	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	300.44	14.98
26 09 23 00-0292	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	355.53	14.98
26 09 23 00-0293	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	487.76	14.98
26 09 23 00-0294	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	300.44	14.98
26 09 23 00-0295	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	388.59	14.98
26 09 23 00-0296	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	487.76	14.98

26 09 23 00-0297 Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter *(26 09 23 00-0285)*

26 09 23 00-0298	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	388.59	14.98
26 09 23 00-0299	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	487.76	14.98
26 09 23 00-0300	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	487.76	14.98

26 09 23 00-0301 Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter *(26 09 23 00-0285)*

26 09 23 00-0302	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	300.44	14.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0303	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	388.59	14.98
26 09 23 00-0304	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	355.53	14.98
26 09 23 00-0305	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	432.66	14.98
26 09 23 00-0306	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	388.59	14.98
26 09 23 00-0307	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	465.72	14.98
26 09 23 00-0308	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	388.59	14.98
26 09 23 00-0309		Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter *(26 09 23 00-0285)*		
26 09 23 00-0310	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH)	300.44	14.98
26 09 23 00-0311	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH)	388.59	14.98
26 09 23 00-0312	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH)	388.59	14.98
26 09 23 00-0313	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH)	487.76	14.98
26 09 23 00-0314	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH)	388.59	14.98
26 09 23 00-0315	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	487.76	14.98
26 09 23 00-0316		Output Switch Closure Controls, Tabletop Wireless Transmitter *(26 09 23 00-0285)*		
26 09 23 00-0317	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH)	300.44	14.98
26 09 23 00-0318	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	388.59	14.98
26 09 23 00-0319	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	487.76	14.98
26 09 23 00-0320		Accessories For Tabletop Wireless Transmitter *(26 09 23 00-0285)*		
26 09 23 00-0321	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	69.04	14.98
26 09 23 00-0322		Wall Box Transmitters For Radio Controlled Devices *(26 09 23 00-0284)*		
26 09 23 00-0323	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	278.40	14.98
26 09 23 00-0324	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH)	300.44	14.98
26 09 23 00-0325	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	300.44	14.98
26 09 23 00-0326	EA	Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	300.44	14.98
26 09 23 00-0327	EA	Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	300.44	14.98
26 09 23 00-0328	EA	Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	300.44	14.98
26 09 23 00-0329		Interfaces For Radio Controlled Devices *(26 09 23 00-0284)*		
26 09 23 00-0330	EA	Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	278.40	14.98
26 09 23 00-0331	EA	Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	278.40	14.98
26 09 23 00-0332	EA	Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	278.40	14.98
26 09 23 00-0333	EA	Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	558.28	14.98
26 09 23 00-0334	EA	RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	796.28	14.98
26 09 23 00-0335	EA	Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	796.28	14.98
26 09 23 00-0336		Fluorescent Controllers For Radio Controlled Devices *(26 09 23 00-0284)*		
26 09 23 00-0337	EA	On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	355.53	14.98
26 09 23 00-0338	EA	Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	399.61	14.98
26 09 23 00-0339	EA	Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC)	465.72	14.98
26 09 23 00-0340		AC Motor Group Controllers For Radio Controlled Devices *(26 09 23 00-0284)*		
26 09 23 00-0341	EA	Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	520.81	14.98
26 09 23 00-0342	EA	Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC)	713.64	14.98
26 09 23 00-0343		RF Wireless Technology, Switches And Dimmers (Lutron® Maestro Wireless®) *(26 09 23)*		
26 09 23 00-0344		RF Wireless Technology, Switches (Lutron® Maestro Wireless®) *(26 09 23 00-0343)*		
26 09 23 00-0345	EA	6 Amp Lighting, 3 Amp Fan, RF Wireless Technology, Electronic Switch (Lutron® Maestro Wireless® MRF2-6ANS)	90.69	19.97
26 09 23 00-0346	EA	8 Amp Lighting, 5.8 Amp Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8ANS-120)	104.72	19.97
26 09 23 00-0347	EA	8 Amp Lighting, 3 Amp Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8S-DV)	157.02	19.97
26 09 23 00-0348	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS)	67.28	19.97

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0349	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS-277)	79.54	19.97
26 09 23 00-0350	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS)	72.43	19.97
26 09 23 00-0351	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS-277)	84.93	19.97
26 09 23 00-0352		RF Wireless Technology, Dimmers (Lutron® Maestro Wireless®) *(26 09 23 00-0343)*		
26 09 23 00-0353	EA	600 Watt, 120 Volt, RF Wireless Technology, Incandescent Dimmer (Lutron® Maestro Wireless® MRF2-600M)	87.45	19.97
26 09 23 00-0354	EA	600 Watt, 120 Volt, RF Wireless Technology, Magnetic Low Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6MLV)	93.93	19.97
26 09 23 00-0355	EA	600 Watt, 120 Volt, RF Wireless Technology, Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-6ND-120)	110.12	19.97
26 09 23 00-0356	EA	1,000 Watt, 120 Volt, RF Wireless Technology, Spec Grade Dimmer (Lutron® Maestro Wireless® MRF2-10D-120)	120.10	24.97
26 09 23 00-0357	EA	600 Watt, 120 Volt, RF Wireless Technology, Electronic Low-Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6ELV-120)	141.96	19.97
26 09 23 00-0358	EA	120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R)	54.80	19.97
26 09 23 00-0359	EA	277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R-277)	63.71	19.97
26 09 23 00-0360	EA	120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD)	58.05	19.97
26 09 23 00-0361	EA	277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD-277)	66.94	19.97
26 09 23 00-0362	EA	6 Amp, 120/277 Volt, RF Wireless Technology, 3-Wire Fluorescent Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-F6AN-DV)	167.07	34.96
26 09 23 00-0363		Occupancy Sensors (Watt Stopper) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0364		Occupancy Sensors *(26 09 23 00-0363)* Note: Exclude boxes.		
26 09 23 00-0365		Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0364)*		
26 09 23 00-0366		Ultrasonic, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0365)*		
26 09 23 00-0367	EA	Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	100.53	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0368	EA	Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	118.37	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0369		Passive Infrared, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0365)*		
26 09 23 00-0370	EA	Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	83.28	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0371	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	77.87	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0372	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	87.97	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0373	EA	Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	101.61	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0374	EA	Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	100.48	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0375		Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors *(26 09 23 00-0365)*		
26 09 23 00-0376	EA	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	145.53	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0377	EA	Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	156.82	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0378		Wall Switch Mounted Occupancy Sensor Accessories *(26 09 23 00-0365)*		
26 09 23 00-0379	EA	Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.08	2.50
26 09 23 00-0380	EA	One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.98	2.50
26 09 23 00-0381	EA	Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.98	2.50
26 09 23 00-0382		Ceiling Mounted Occupancy Sensors *(26 09 23 00-0364)*		
26 09 23 00-0383		Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0382)*		
26 09 23 00-0384		25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0383)*		
26 09 23 00-0385	EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	134.25	22.47
26 09 23 00-0386	EA	1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	153.65	22.47
26 09 23 00-0387	EA	2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	173.20	22.47
26 09 23 00-0388	EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	171.44	22.47
26 09 23 00-0389		32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0383)*		
26 09 23 00-0390	EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	145.73	22.47

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26 09 23 00-0391	EA	1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	165.42	22.47
26 09 23 00-0392	EA	2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	184.05	22.47
26 09 23 00-0393	EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	187.21	22.47
26 09 23 00-0394	EA	600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	157.50	22.47
26 09 23 00-0395	EA	1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	177.67	22.47
26 09 23 00-0396	EA	2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	197.76	22.47
26 09 23 00-0397	EA	90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	203.55	22.47
26 09 23 00-0398		40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0383)*		
26 09 23 00-0399	EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)	151.42	22.47
26 09 23 00-0400	EA	1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)	174.93	22.47
26 09 23 00-0401	EA	2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)	194.62	22.47
26 09 23 00-0402	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)	142.76	22.47
26 09 23 00-0403	EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2)	172.39	22.47
26 09 23 00-0404	EA	2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3)	181.99	22.47
26 09 23 00-0405	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1)	152.64	22.47
26 09 23 00-0406	EA	1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2)	169.70	22.47
26 09 23 00-0407	EA	2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3)	190.77	22.47
26 09 23 00-0408		Passive Infrared, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0382)*		
26 09 23 00-0409	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR)	111.60	22.47
26 09 23 00-0410	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24)	113.89	22.47
26 09 23 00-0411	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205)	119.32	22.47
26 09 23 00-0412	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355)	133.88	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0413	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305)	135.65	22.47
26 09 23 00-0414	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200)	143.27	22.47
26 09 23 00-0415	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300)	155.46	22.47
26 09 23 00-0416		Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors *(26 09 23 00-0382)*		
26 09 23 00-0417	EA	1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355)	183.89	22.47
26 09 23 00-0418	EA	1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300)	209.69	22.47
26 09 23 00-0419	EA	1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305)	178.41	22.47
26 09 23 00-0420		Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0364)*		
26 09 23 00-0421		Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0420)*		
26 09 23 00-0422	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3)	225.15	22.47
26 09 23 00-0423	EA	2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100)	225.15	22.47
26 09 23 00-0424		Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors *(26 09 23 00-0420)*		
26 09 23 00-0425	EA	2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200)	209.69	22.47
26 09 23 00-0426		Occupancy Sensor Power Packs *(26 09 23 00-0363)*		
26 09 23 00-0427		Single Voltage, Occupancy Sensor Power Packs *(26 09 23 00-0426)*		
26 09 23 00-0428	EA	220 - 240 Volt AC, 20 Amp, Occupancy Sensor Power Pack (Watt Stopper B230E-P)	76.04	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0429	EA	347 Volt AC, 15 Amp, Occupancy Sensor Power Pack (Watt Stopper B347D-P)	69.48	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0430		Auxiliary, Occupancy Sensor Power Packs *(26 09 23 00-0426)*		
26 09 23 00-0431	EA	120, 277 Or 347 Volt AC, 20 Amp, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P)	64.08	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0432		Universal Voltage, Power Packs For Occupancy Sensors *(26 09 23 00-0426)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0433	EA	120/277 Volt AC, 20 Amp, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100)	83.84	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0434		**Form C, Occupancy Sensor Power Packs** *(26 09 23 00-0426)*		
26 09 23 00-0435	EA	120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P)	76.34	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0436	EA	277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P)	76.39	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0437		**Two Relay, Occupancy Sensor Power Packs** *(26 09 23 00-0426)*		
26 09 23 00-0438	EA	120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P)	95.33	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0439	EA	277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P)	96.63	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0440		**Occupancy Sensor Power Supplies** *(26 09 23 00-0426)*		
26 09 23 00-0441	EA	120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-120)	200.70	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0442	EA	277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	191.36	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0443		**Intelligent, Occupancy Sensor Power Packs** *(26 09 23 00-0426)*		
26 09 23 00-0444	EA	120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	252.27	19.97
26 09 23 00-0445		**DIN Rail Mounted, Occupancy Sensor Power Packs** *(26 09 23 00-0426)*		
26 09 23 00-0446	EA	120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	83.10	19.97
26 09 23 00-0447		**Occupancy Sensor Accessories** *(26 09 23 00-0363)*		
26 09 23 00-0448		**Protective Cages For Occupancy Sensors** *(26 09 23 00-0447)*		
26 09 23 00-0449	EA	Protective Cage For Occupancy Sensors (Watt Stopper WC)	47.16	7.49
26 09 23 00-0450		**Mounting Brackets For Occupancy Sensors** *(26 09 23 00-0447)*		
26 09 23 00-0451	EA	Mounting Bracket For Occupancy Sensor (Watt Stopper MB) Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	37.82	12.49
26 09 23 00-0452		**Occupancy/Lighting Logger** *(26 09 23 00-0447)* Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0453	EA	Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	348.23	42.46
26 09 23 00-0454		**Remove And Reinstall Occupancy Sensors** *(26 09 23 00-0447)*		
26 09 23 00-0455	EA	Removal And Reinstallation Of Surface Mounted Occupancy Sensor Note: Includes storing and cleaning.	67.43	
26 09 23 00-0456	EA	Removal And Reinstallation Of Wall Switch Mounted Occupancy Sensor Note: Includes storing and cleaning.	29.97	
26 09 23 00-0457		**Digital Time Light Switches** *(26 09 23 00-0363)*		
26 09 23 00-0458	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	75.32	9.99
26 09 23 00-0459		**Occupancy Sensors (Sensor Switch)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0460		**Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0459)* Note: Exclude boxes		
26 09 23 00-0461		**Wall Switch Mount Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0460)*		
26 09 23 00-0462		**Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0461)*		
26 09 23 00-0463	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)	130.16	9.99
26 09 23 00-0464	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	93.43	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0465	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	89.39	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0466	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)	89.39	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0467	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	111.79	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0468	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)	111.79	9.99
26 09 23 00-0469	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	134.76	9.99
26 09 23 00-0470	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	111.79	9.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0471		**Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0461)* Note: Includes passive infrared and microphonics detection		
26 09 23 00-0472	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)	166.89	9.99
26 09 23 00-0473	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	130.16	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0474	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	127.41	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0475	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	127.41	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0476	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	148.52	9.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 09 23 00-0477	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	148.52	9.99
26 09 23 00-0478	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	159.54	9.99
26 09 23 00-0479		**Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch)** *(26 09 23 00-0461)*		
26 09 23 00-0480	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	12.35	2.50
26 09 23 00-0481	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	12.35	2.50
26 09 23 00-0482	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	23.36	2.50
26 09 23 00-0483	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	23.36	2.50
26 09 23 00-0484		**360 Degree View Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0460)*		
26 09 23 00-0485		**Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0484)* Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0486	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	155.14	22.47
26 09 23 00-0487	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	155.14	22.47
26 09 23 00-0488	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	155.14	22.47
26 09 23 00-0489	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9)	164.32	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0490	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9)	164.32	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0491	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	134.94	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0492	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P)	201.05	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0493	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P)	201.05	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0494	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P)	171.67	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0495	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	155.14	22.47
26 09 23 00-0496	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	155.14	22.47
26 09 23 00-0497	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	155.14	22.47
26 09 23 00-0498	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	164.32	22.47
26 09 23 00-0499	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	164.32	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0500	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	134.94	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0501	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	201.05	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0502	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	201.05	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0503	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	171.67	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0504		**Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0484)* Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0505	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	191.87	22.47
26 09 23 00-0506	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	191.87	22.47

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26 09 23 00-0507	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	191.87	22.47
26 09 23 00-0508	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	182.68	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0509	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)	182.68	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0510	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)	153.30	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0511	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)	219.41	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0512	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P)	219.41	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0513	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P)	190.03	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0514	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10)	191.87	22.47
26 09 23 00-0515	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10)	191.87	22.47
26 09 23 00-0516	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10)	191.87	22.47
26 09 23 00-0517	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10)	182.68	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0518	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10)	182.68	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0519	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	153.30	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0520	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P)	219.41	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0521	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P)	219.41	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0522	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P)	190.03	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	

26 09 23 00-0523 Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0460)*

26 09 23 00-0524 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0523)*

26 09 23 00-0525	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	155.14	22.47
26 09 23 00-0526	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13)	173.50	22.47
26 09 23 00-0527	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13)	210.23	22.47
26 09 23 00-0528	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16)	201.05	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0529	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P)	237.78	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	

26 09 23 00-0530 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0523)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0531	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	191.87	22.47
26 09 23 00-0532	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	219.41	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0533	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P)	256.14	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	

26 09 23 00-0534 High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0460)*

26 09 23 00-0535 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0534)*

26 09 23 00-0536	EA	Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	155.14	22.47
26 09 23 00-0537	EA	Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6)	155.14	22.47
26 09 23 00-0538	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6)	155.14	22.47
26 09 23 00-0539	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6)	134.94	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0540	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6)	134.94	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	

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26 09 23 00-0541	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6)	134.94	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0542	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P)	171.67	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0543	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	171.67	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0544	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	171.67	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0545	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	147.79	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0546	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	147.79	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0547	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	147.79	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0548	EA	480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	147.79	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0549	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	147.79	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0550	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	147.79	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0551	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	173.50	22.47
26 09 23 00-0552	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	173.50	22.47
26 09 23 00-0553	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	173.50	22.47
26 09 23 00-0554	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	208.39	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0555	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	208.39	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0556	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	208.39	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0557	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	184.52	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0558	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	184.52	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0559	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	156.97	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0560	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	156.97	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0561	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	156.97	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0562	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	156.97	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0563	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	173.50	22.47
26 09 23 00-0564	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	173.50	22.47
26 09 23 00-0565	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	208.39	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0566	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	208.39	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0567	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	201.05	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0568	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	182.68	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0569	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	182.68	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	

26 09 23 00-0570 Occupancy Sensor Power Packs (Sensor Switch) *(26 09 23 00-0459)*

26 09 23 00-0571	EA	Single Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	91.38	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0572	EA	2-Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	128.11	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0573	EA	Single Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	73.02	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0574	EA	2-Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	67.51	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0575	EA	20 Amp, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	85.87	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0576	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	131.78	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0577	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	131.78	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	
26 09 23 00-0578	EA	120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	131.78	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.99*	

26 09 23 00-0579 Occupancy Sensor Accessories (Sensor Switch) *(26 09 23 00-0459)*

26 09 23 00-0580 Remove And Reinstall Occupancy Sensors *(26 09 23 00-0579)*

26 09 23 00-0581	EA	Removal And Reinstallation Of Wall Switch Mounted Occupancy Sensor Note: Includes storing and cleaning.	29.97	
26 09 23 00-0582	EA	Removal And Reinstallation Of Surface Mounted Occupancy Sensor Note: Includes storing and cleaning.	67.43	

26 09 23 00-0583 Daylighting Control (Sensor Switch) *(26 09 23 00-0459)*

26 09 23 00-0584	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	136.77	22.47
26 09 23 00-0585	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	136.77	22.47
26 09 23 00-0586	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	136.77	22.47
26 09 23 00-0587	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	136.77	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0588	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	136.77	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0589	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	136.77	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0590	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	136.77	22.47
26 09 23 00-0591	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)	136.77	22.47
26 09 23 00-0592	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)	136.77	22.47
26 09 23 00-0593	EA	Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC)	136.77	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0594	EA	Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC)	136.77	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0595	EA	Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC)	136.77	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0596	EA	Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC)	191.87	22.47
26 09 23 00-0597	EA	Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC)	191.87	22.47
26 09 23 00-0598	EA	Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC)	191.87	22.47
26 09 23 00-0599	EA	Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC)	191.87	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0600	EA	Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC)	191.87	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	
26 09 23 00-0601	EA	Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC)	191.87	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.49*	

26 09 23 00-0602 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0603 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0602)*

Note: Excludes boxes.

26 09 23 00-0604 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0603)*

26 09 23 00-0605 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0604)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0606	EA	Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX)	199.32	9.99

26 09 23 00-0607 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0603)*

26 09 23 00-0608 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0607)*

Note: One photocell or dimming option per occupancy sensor

26 09 23 00-0609	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9)	242.04	22.47
26 09 23 00-0610	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10)	242.04	22.47
26 09 23 00-0611	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC)	242.04	22.47

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0612		Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0607)* Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0613	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9)	281.46	22.47
26 09 23 00-0614	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10)	281.46	22.47
26 09 23 00-0615	EA	2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P)	291.29	22.47
26 09 23 00-0616		Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0603)*		
26 09 23 00-0617		Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0616)* Note: Includes passive infrared and microphonics detection		
26 09 23 00-0618	EA	Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16)	281.46	22.47
26 09 23 00-0619		High Bay Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0603)*		
26 09 23 00-0620		Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0619)*		
26 09 23 00-0621	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6)	242.04	22.47
26 09 23 00-0622		Occupancy Sensor Power Packs (Sensor Switch nLight®) *(26 09 23 00-0602)*		
26 09 23 00-0623	EA	150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150)	89.23	19.97
26 09 23 00-0624	EA	250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250)	108.96	19.97
26 09 23 00-0625	EA	30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO)	142.45	19.97
26 09 23 00-0626	EA	System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16)	142.45	19.97
26 09 23 00-0627		Occupancy Sensor Accessories (Sensor Switch nLight®) *(26 09 23 00-0602)*		
26 09 23 00-0628	EA	RS232 AV Integrator (Sensor Switch nLight® nIO X)	291.29	22.47
26 09 23 00-0629	EA	8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT)	389.87	22.47
26 09 23 00-0630		Daylighting Controls (Sensor Switch nLight®) *(26 09 23 00-0602)*		
26 09 23 00-0631	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC)	202.62	22.47
26 09 23 00-0632		Controls (Sensor Switch nLight®) *(26 09 23 00-0602)*		
26 09 23 00-0633	EA	On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX)	137.58	22.47
26 09 23 00-0634	EA	1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB)	192.78	22.47
26 09 23 00-0635	EA	On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM)	429.28	22.47
26 09 23 00-0636	EA	3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX)	429.28	22.47
26 09 23 00-0637	EA	3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2)	1,572.39	22.47
26 09 23 00-0638		Occupancy Sensors (Lutron) *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0639		Wireless Occupancy Sensors *(26 09 23 00-0638)*		
26 09 23 00-0640	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH)	105.65	22.47
26 09 23 00-0641	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH)	109.71	22.47
26 09 23 00-0642	EA	Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH)	106.62	22.47
26 09 23 00-0643	EA	Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH)	112.01	22.47
26 09 23 00-0644	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH)	107.83	22.47
26 09 23 00-0645	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH)	112.01	22.47
26 09 23 00-0646	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH)	105.65	22.47
26 09 23 00-0647	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH)	107.83	22.47
26 09 23 00-0648	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V)	106.62	22.47
26 09 23 00-0649	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH)	157.41	22.47
26 09 23 00-0650	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH)	167.09	22.47
26 09 23 00-0651	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH)	188.86	22.47
26 09 23 00-0652	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH)	198.53	22.47
26 09 23 00-0653	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH)	203.37	22.47
26 09 23 00-0654	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH)	213.04	22.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0655	EA	Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH)	126.93	22.47
26 09 23 00-0656	EA	Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH)	133.22	22.47
26 09 23 00-0657	EA	Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH)	153.78	22.47
26 09 23 00-0658	EA	Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH)	169.51	22.47
26 09 23 00-0659	EA	Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH)	181.60	22.47
26 09 23 00-0660	EA	Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH)	158.62	22.47
26 09 23 00-0661	EA	Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH)	146.84	22.47
26 09 23 00-0662	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH)	124.99	22.47
26 09 23 00-0663	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH)	150.76	22.47
26 09 23 00-0664	EA	Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C)	180.26	22.47
26 09 23 00-0665	EA	Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H)	190.51	22.47
26 09 23 00-0666	EA	Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K)	190.51	22.47
26 09 23 00-0667	EA	Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W)	190.51	22.47
26 09 23 00-0668	EA	Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V)	199.90	22.47
26 09 23 00-0669	EA	Wireless, Two Switchs and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W)	321.89	32.46

26 09 23 00-0670 Nodes And Modules *(26 09 23 00-0638)*

26 09 23 00-0671	EA	0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C)	163.46	22.47
26 09 23 00-0672	EA	0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J)	163.46	22.47
26 09 23 00-0673	EA	4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C)	203.37	22.47
26 09 23 00-0674	EA	4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J)	203.37	22.47
26 09 23 00-0675	EA	120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH)	257.94	24.97
26 09 23 00-0676	EA	120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH)	257.94	24.97
26 09 23 00-0677	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH)	309.95	24.97
26 09 23 00-0678	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH)	317.20	24.97
26 09 23 00-0679	EA	120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH)	388.56	24.97
26 09 23 00-0680	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH)	411.54	24.97
26 09 23 00-0681	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH)	434.51	24.97
26 09 23 00-0682	EA	1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2)	1,159.29	39.96
26 09 23 00-0683	EA	2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4)	1,142.07	44.95
26 09 23 00-0684	EA	3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6)	1,666.05	49.94

26 09 23 00-0685 Other Accessories *(26 09 23 00-0638)*

26 09 23 00-0686	EA	Pico® Wireless Control Wallplate Adapter (Lutron® PJ)	31.11	
26 09 23 00-0687	EA	Pico® Wireless Control (Lutron® PJ)	32.08	
26 09 23 00-0688	EA	4-Scene Wireless Remote Control (Lutron® GRX-IT-WH)	94.64	
26 09 23 00-0689	EA	8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH)	178.08	
26 09 23 00-0690	EA	4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL)	196.39	22.47
26 09 23 00-0691	EA	seeTouch® QS Wallstation (Lutron® QSWS2)	245.41	22.47
26 09 23 00-0692	EA	seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2)	245.41	22.47
26 09 23 00-0693	EA	120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S)	395.81	24.97
26 09 23 00-0694	EA	120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S)	537.31	24.97
26 09 23 00-0695	EA	Control Interface (Lutron® QSE-CI-NWK-E)	642.38	22.47
26 09 23 00-0696	EA	1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S)	637.55	22.47
26 09 23 00-0697	EA	2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S)	849.19	22.47
26 09 23 00-0698	MLF	5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S)	1,759.33	698.26
26 09 23 00-0699	MLF	5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S)	2,243.09	698.26

26 09 23 00-0700 Fixture Mounted Occupancy Sensors (Leviton) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0701	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW)	101.78	22.47
26 09 23 00-0702	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-I4W)	90.65	22.47
26 09 23 00-0703	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW)	110.97	22.47
26 09 23 00-0704	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W)	90.65	22.47
26 09 23 00-0705	EA	120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT)	135.37	9.98

26 09 23 00-0706 Wireless Enabled Communication Devices For Streetlights *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0707 Wireless Enabled Communication Devices For Streetlights (Roam®) *(26 09 23 00-0706)*

26 09 23 00-0708 Wireless Enabled Communication Nodes For Streetlights (Roam®) *(26 09 23 00-0707)*

Note: 2.4GHz wireless enabled communication node for wireless remote on/off, group scheduling, photocontrol and diagnostics.

26 09 23 00-0709	EA	120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1)	204.93	
26 09 23 00-0710	EA	480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1)	283.76	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0711		Wireless Enabled Communication Devices For Streetlights (Roam®) *(26 09 23 00-0707)*		
26 09 23 00-0712	EA	Retrofit Receptacle Kit (Roam® DUR103)	41.35	
		Note: For adapting light fixtures for use with a NEMA locking type photocontrol.		
26 09 23 00-0713	EA	Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127)	7,993.71	55.09
26 09 23 00-0714		Counter Mounted Consolets *(26 09 23)*		
26 09 23 00-0715	EA	20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24)	460.00	124.69
26 09 23 00-0716		Lighting Console And Stations *(26 09 23)*		
26 09 23 00-0717	EA	80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40)	2,884.57	124.69
		For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add	*60.94*	
		For Lighting Console Case (ETC ColorSourcePart 11866), Add	*649.73*	
26 09 23 00-0718	EA	10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2)	1,985.95	74.81
26 09 23 00-0719		Theatre Lighting Console *(26 09 23)*		
26 09 23 00-0720	EA	Theatre Lighting Console (ETC Colorsource 20)	2,105.63	149.63
26 09 23 00-0721		Emergency Lighting Controls *(26 09 23)*		
26 09 23 00-0722		Emergency Lighting Control Units (Watt Stopper ELCU) *(26 09 23 00-0721)*		
		Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.		
26 09 23 00-0723	EA	DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100)	174.25	24.97
26 09 23 00-0724	EA	1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200)	174.25	24.97
26 09 23 00-0725		Emergency Shunt Relays (Lighting Control & Design GR 2001™) *(26 09 23 00-0721)*		
		Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.		
26 09 23 00-0726	EA	1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	247.97	34.96
26 09 23 00-0727	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	334.16	39.96
26 09 23 00-0728	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual)	445.96	44.95
		Note: Controls normal and emergency lighting from single-pole wall switch.		
26 09 23 00-0729		Photocells *(26 09 23)*		
26 09 23 00-0730	EA	Plug-In Photocell For Lighting Fixtures	69.85	
26 09 23 00-0731	EA	Wired Photocell For Lighting Fixtures	172.25	
26 09 23 00-0732		Outdoor Lighting Motion Sensors *(26 09 23)*		
26 09 23 00-0733	EA	70' Range, 180 Degree Detection Zone, 8 Amp Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000)	88.22	24.97
26 09 23 00-0734	EA	70' Range, 200 Degree Detection Zone, 10 Amp Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000)	95.15	24.97
26 09 23 00-0735	EA	30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR)	352.80	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.98*	
26 09 23 00-0736		Street Light Controls *(26 09 23)*		
26 09 23 00-0737		Photo Controls *(26 09 23 00-0736)*		
26 09 23 00-0738	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014	84.05	
26 09 23 00-0739	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016	96.92	
26 09 23 00-0740		Connector Node *(26 09 23 00-0736)*		
26 09 23 00-0741	EA	Outdoor Lighting Connector Node (Philips City Touch LLC7260)	317.53	2.56

26 10 Medium-Voltage Electrical Distribution *(26)*

26 11 Substations *(26 10)*

26 11 13 Primary Unit Substations *(26 11)*

26 11 13 00-0001		"Switchyard" Substation Primary Incoming Section *(26 11 13)*		
26 11 13 00-0002		Outdoor Oil Circuit Breakers "Switchyard" *(26 11 13 00-0001)*		
		Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment		
26 11 13 00-0003	EA	14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation	45,734.79	1,724.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,052.35*	
26 11 13 00-0004	EA	23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation	56,112.83	2,180.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,315.44*	
26 11 13 00-0005	EA	34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation	63,502.54	2,180.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,315.44*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0006	EA	46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation	72,979.70	2,180.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,403.13*	
26 11 13 00-0007	EA	69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation	82,806.27	2,687.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,619.00*	

26 11 13 00-0008 Accessories For Outdoor Oil Circuit Breakers *(26 11 13 00-0001)*

26 11 13 00-0009	EA	Reclosure Relay, Adjustable, 3 Shot, #179	1,284.52	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.00*	
26 11 13 00-0010	EA	Overcurrent Relay, 1 Phase, #51/51N	421.44	132.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.03*	
26 11 13 00-0011	EA	Directional Overcurrent Relay, Three-Phase, Device No. 67	624.54	132.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*89.75*	
26 11 13 00-0012	EA	Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase	494.34	132.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.03*	
26 11 13 00-0013	EA	Differential Relay Package, Complete, Device No. 87	1,849.41	446.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*269.82*	

26 11 13 00-0014 "Switchyard", Substation Transformer Section *(26 11 13)*

Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range

26 11 13 00-0015 14.4 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0016	EA	1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	26,509.25	1,724.33
		For 50 Hz Operation, Add	*2,760.17*	
		For Forced Air Cooling, Add	*2,760.17*	
		For External Control Panel, Add	*690.04*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*230.01*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,150.07*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*2,875.18*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*3,450.21*	
26 11 13 00-0017	EA	2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	30,352.44	2,160.49
		For 50 Hz Operation, Add	*3,116.12*	
		For Forced Air Cooling, Add	*3,116.12*	
		For External Control Panel, Add	*779.03*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*259.68*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,298.38*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,245.96*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*3,895.15*	
26 11 13 00-0018	EA	5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	46,643.06	3,042.94
		For 50 Hz Operation, Add	*4,848.83*	
		For Forced Air Cooling, Add	*4,848.83*	
		For External Control Panel, Add	*1,212.21*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*404.07*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,020.35*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,050.86*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,061.04*	
26 11 13 00-0019	EA	7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	67,411.23	3,629.33
		For 50 Hz Operation, Add	*7,149.99*	
		For Forced Air Cooling, Add	*7,149.99*	
		For External Control Panel, Add	*1,787.50*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*595.83*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,979.16*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,447.91*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,937.49*	
26 11 13 00-0020	EA	10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	83,065.58	4,696.78
		For 50 Hz Operation, Add	*8,793.68*	
		For Forced Air Cooling, Add	*8,793.68*	
		For External Control Panel, Add	*2,198.42*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*732.81*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,664.03*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*9,160.08*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*10,992.09*	

26 11 13 00-0021 23 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0022	EA	1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	29,686.94	2,332.92
		For 50 Hz Operation, Add	*3,036.26*	
		For External Control Panel, Add	*759.06*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*253.02*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,265.11*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,162.77*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*3,795.32*	
		For Forced Air Cooling, Add	*2,024.17*	
26 11 13 00-0023	EA	2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	33,926.21	2,332.92
		For 50 Hz Operation, Add	*3,435.76*	
		For External Control Panel, Add	*858.94*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*286.31*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,431.57*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,578.92*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,294.70*	
		For Forced Air Cooling, Add	*2,290.51*	
26 11 13 00-0024	EA	5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	54,271.24	3,448.66
		For 50 Hz Operation, Add	*5,670.67*	
		For External Control Panel, Add	*1,417.67*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*472.56*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,362.78*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,906.95*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,088.34*	
		For Forced Air Cooling, Add	*3,780.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0025	EA	7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	72,792.59	4,696.78
		For 50 Hz Operation, Add	*7,560.92*	
		For External Control Panel, Add	*1,890.23*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*630.08*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,150.38*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,875.96*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*9,451.15*	
		For Forced Air Cooling, Add	*5,040.61*	
26 11 13 00-0026	EA	10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	89,914.26	4,696.78
		For 50 Hz Operation, Add	*9,615.52*	
		For External Control Panel, Add	*2,403.88*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*801.29*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,006.47*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*10,016.16*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*12,019.40*	
		For Forced Air Cooling, Add	*6,410.34*	
26 11 13 00-0027		**34.5 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0028	EA	1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	37,255.42	2,789.36
		For 50 Hz Operation, Add	*3,835.27*	
		For External Control Panel, Add	*958.82*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*319.61*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,598.03*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*3,995.07*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*4,794.09*	
		For Forced Air Cooling, Add	*2,556.85*	
26 11 13 00-0029	EA	2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	44,996.88	4,361.54
		For 50 Hz Operation, Add	*4,634.28*	
		For External Control Panel, Add	*1,158.57*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*386.19*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,930.95*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,827.38*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*5,792.85*	
		For Forced Air Cooling, Add	*3,089.52*	
26 11 13 00-0030	EA	5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	62,189.32	4,361.54
		For 50 Hz Operation, Add	*6,410.37*	
		For External Control Panel, Add	*1,602.59*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*534.20*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,670.99*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,677.47*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,012.96*	
		For Forced Air Cooling, Add	*4,273.58*	
26 11 13 00-0031	EA	7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	79,641.21	4,590.03
		For 50 Hz Operation, Add	*8,382.75*	
		For External Control Panel, Add	*2,095.69*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*698.56*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,492.81*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*8,732.03*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*10,478.44*	
		For Forced Air Cooling, Add	*5,588.50*	
26 11 13 00-0032	EA	10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	137,170.39	5,870.96
		For 50 Hz Operation, Add	*14,957.48*	
		For External Control Panel, Add	*3,739.37*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,246.46*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,232.28*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*15,580.71*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*18,696.85*	
		For Forced Air Cooling, Add	*9,971.65*	
26 11 13 00-0033		**46 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0034	EA	1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	56,937.55	3,245.81
		For 50 Hz Operation, Add	*6,067.16*	
		For External Control Panel, Add	*1,516.79*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*505.60*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,527.98*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,319.96*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,583.95*	
		For Forced Air Cooling, Add	*4,044.77*	
26 11 13 00-0035	EA	2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	64,335.94	3,245.81
		For 50 Hz Operation, Add	*6,878.43*	
		For External Control Panel, Add	*1,719.61*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*573.20*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,866.01*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,165.04*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*8,598.04*	
		For Forced Air Cooling, Add	*4,585.62*	
26 11 13 00-0036	EA	5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	89,015.55	4,361.54
		For 50 Hz Operation, Add	*9,629.52*	
		For External Control Panel, Add	*2,407.38*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*802.46*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,012.30*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*10,030.75*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*12,036.90*	
		For Forced Air Cooling, Add	*6,419.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0037	EA	7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	108,949.69	5,870.96
		For 50 Hz Operation, Add	*11,570.99*	
		For External Control Panel, Add	*2,892.75*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*964.25*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,821.25*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*12,053.12*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*14,463.74*	
		For Forced Air Cooling, Add	*7,714.00*	
26 11 13 00-0038	EA	10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	154,334.48	5,870.96
		For 50 Hz Operation, Add	*17,017.17*	
		For External Control Panel, Add	*4,254.29*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,418.10*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,090.49*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*17,726.22*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*21,271.46*	
		For Forced Air Cooling, Add	*11,344.78*	

26 11 13 00-0039 69 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0040	EA	1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	81,720.35	3,448.66
		For 50 Hz Operation, Add	*8,964.56*	
		For External Control Panel, Add	*2,241.14*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*747.05*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,735.23*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*9,338.09*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*11,205.70*	
		For Forced Air Cooling, Add	*5,976.38*	
26 11 13 00-0041	EA	2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	93,937.84	4,361.54
		For 50 Hz Operation, Add	*10,220.19*	
		For External Control Panel, Add	*2,555.05*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*851.68*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,258.41*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*10,646.03*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*12,775.24*	
		For Forced Air Cooling, Add	*6,813.46*	
26 11 13 00-0042	EA	5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	128,733.45	4,361.54
		For 50 Hz Operation, Add	*14,395.66*	
		For External Control Panel, Add	*3,598.92*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,199.64*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,998.19*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*14,995.48*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*17,994.58*	
		For Forced Air Cooling, Add	*9,597.11*	
26 11 13 00-0043	EA	7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	136,672.40	5,870.96
		For 50 Hz Operation, Add	*14,897.72*	
		For External Control Panel, Add	*3,724.43*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,241.48*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,207.38*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*15,518.46*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*18,622.15*	
		For Forced Air Cooling, Add	*9,931.81*	
26 11 13 00-0044	EA	10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	178,582.11	5,870.96
		For 50 Hz Operation, Add	*19,926.88*	
		For External Control Panel, Add	*4,981.72*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,660.57*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*8,302.87*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*20,757.17*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*24,908.61*	
		For Forced Air Cooling, Add	*13,284.59*	

26 11 13 00-0045 Circuit Breakers Fluarc SF6 13.8 KV *(26 11 13)*

26 11 13 00-0046	EA	1,200 Amp, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	48,701.76	837.29
26 11 13 00-0047	EA	1,200 Amp, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	53,453.64	837.29
26 11 13 00-0048	EA	1,200 Amp, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	60,877.54	1,040.05
26 11 13 00-0049	EA	2,000 Amp, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	56,987.64	1,250.61
26 11 13 00-0050	EA	2,000 Amp, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	64,166.37	1,250.61
26 11 13 00-0051	EA	2,000 Amp, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	73,210.05	1,452.93
26 11 13 00-0052	EA	3,000 Amp, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	75,507.73	1,659.98
26 11 13 00-0053	EA	3,000 Amp, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	84,445.65	1,659.98
26 11 13 00-0054	EA	3,000 Amp, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	88,538.04	1,864.17

26 11 16 Secondary Unit Substations *(26 11)*

26 11 16 11 Secondary Unit Substations with Switchgear Secondary *(26 11 16)*

26 11 16 11-0001 Substation Primary Incoming Section *(26 11 16 11)*

26 11 16 11-0002 Manual Transferring Fused Load Break Switches *(26 11 16 11-0001)*

Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.

26 11 16 11-0003	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position	42,866.60	1,229.53
26 11 16 11-0004	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position	49,625.04	1,229.53

26 11 16 11-0005 Automatic Transferring Fused Load Break Switches *(26 11 16 11-0001)*

Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0006	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position Selector Switch	60,798.17	1,229.53
26 11 16 11-0007	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position Selector Switch	65,196.61	1,229.53

26 11 16 11-0008 Accessories For Substation Fused Load Break Switches *(26 11 16 11-0001)*

26 11 16 11-0009	EA	Primary Lightning Arrestors Accessories, Secondary Distribution Section	6,328.81	
26 11 16 11-0010	EA	Key Interlock Accessories, Secondary Distribution Section	616.03	

26 11 16 11-0011 Oil Filled Substation Transformers *(26 11 16 11)*

Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.

26 11 16 11-0012 Substation, Primary 13.8 KV Secondary 480Y/277 V Or 480 V 60 HZ *(26 11 16 11-0011)*

26 11 16 11-0013	EA	75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	11,985.06	760.73
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*732.45*	
		For Control Power Transformer On Fans And Auxiliary, Add	*313.91*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*104.64*	
26 11 16 11-0014	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	17,454.54	912.88
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,094.01*	
		For Control Power Transformer On Fans And Auxiliary, Add	*468.86*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*156.29*	
26 11 16 11-0015	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	19,742.00	1,014.31
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,239.94*	
		For Control Power Transformer On Fans And Auxiliary, Add	*531.40*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*177.13*	
26 11 16 11-0016	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	23,409.02	1,267.89
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,461.13*	
		For Control Power Transformer On Fans And Auxiliary, Add	*626.20*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*208.73*	
26 11 16 11-0017	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	26,212.63	1,572.19
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,614.78*	
		For Control Power Transformer On Fans And Auxiliary, Add	*692.05*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*230.68*	
26 11 16 11-0018	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	28,205.77	1,927.19
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,704.60*	
		For Control Power Transformer On Fans And Auxiliary, Add	*730.54*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*243.51*	
26 11 16 11-0019	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	33,067.69	2,332.92
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,988.13*	
		For Control Power Transformer On Fans And Auxiliary, Add	*852.06*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*284.02*	
26 11 16 11-0020	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	35,269.35	2,535.79
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,113.85*	
		For Control Power Transformer On Fans And Auxiliary, Add	*905.93*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*301.98*	
26 11 16 11-0021	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	39,380.02	2,789.36
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,366.09*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,014.04*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*338.01*	
26 11 16 11-0022	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	45,450.05	3,093.66
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,748.39*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,177.88*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*392.63*	
26 11 16 11-0023	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	49,890.41	3,372.60
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*3,020.17*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,294.36*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*431.45*	

26 11 16 11-0024 Substation, Primary 13.8 KV Secondary 208Y/120 V 60 HZ *(26 11 16 11-0011)*

26 11 16 11-0025	EA	75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	11,463.05	760.73
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*695.91*	
		For Control Power Transformer On Fans And Auxiliary, Add	*298.25*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*99.42*	
26 11 16 11-0026	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	16,980.97	760.73
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,082.17*	
		For Control Power Transformer On Fans And Auxiliary, Add	*463.79*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*154.60*	
26 11 16 11-0027	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	19,730.45	1,014.31
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,239.13*	
		For Control Power Transformer On Fans And Auxiliary, Add	*531.05*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*177.02*	
26 11 16 11-0028	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	23,428.89	1,267.89
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,462.52*	
		For Control Power Transformer On Fans And Auxiliary, Add	*626.79*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*208.93*	
26 11 16 11-0029	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	28,241.06	1,572.19
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,756.77*	
		For Control Power Transformer On Fans And Auxiliary, Add	*752.90*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*250.97*	
26 11 16 11-0030	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	30,731.53	1,927.19
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*1,881.40*	
		For Control Power Transformer On Fans And Auxiliary, Add	*806.31*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*268.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0031	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	34,233.99	2,332.92
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,069.77*	
		For Control Power Transformer On Fans And Auxiliary, Add	*887.04*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*295.68*	
26 11 16 11-0032	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	37,278.40	2,535.79
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,254.48*	
		For Control Power Transformer On Fans And Auxiliary, Add	*966.21*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*322.07*	
26 11 16 11-0033	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	41,978.03	2,789.36
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,547.95*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,091.98*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*363.99*	

26 11 16 11-0034 Accessories For Oil Filled Substation Transformers *(26 11 16 11-0011)*

26 11 16 11-0035	EA	Sudden Pressure Relay	3,171.47	
26 11 16 11-0036	EA	Throats Or Flanges (HV Or LV)	6,296.45	
26 11 16 11-0037	EA	Lightning Arrestors (3 - 1 Pole)	4,145.97	
26 11 16 11-0038	EA	Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X)	23,008.06	
26 11 16 11-0039	EA	Oil Fuse Cutout, 15 KV, 200 Amp, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	21,526.33	

26 11 16 11-0040 Reinforced Concrete Curb With 6" Slab *(26 11 16 11-0011)*

Note: For transformer liquid containment area.

26 11 16 11-0041	EA	112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,752.44	1,067.23
26 11 16 11-0042	EA	150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,752.44	1,067.23
26 11 16 11-0043	EA	225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,752.44	1,067.23
26 11 16 11-0044	EA	300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,752.44	1,067.23
26 11 16 11-0045	EA	500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,752.44	1,067.23
26 11 16 11-0046	EA	750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,752.44	1,067.23
26 11 16 11-0047	EA	1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,752.44	1,067.23
26 11 16 11-0048	EA	1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	4,396.73	1,230.54

26 11 16 11-0049 Dry Type Substation Transformer *(26 11 16 11)*

Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.

26 11 16 11-0050 Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 V *(26 11 16 11-0049)*

Note: Primary 4.160 or 4.8 KV (delta or wye).

26 11 16 11-0051	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	20,510.53	811.45
		For Gas Filled Transformers, Add	*11,332.58*	
		For Single Phase Transformers, Deduct	*-472.19*	
		For Dry Type Unit, Add	*4,317.57*	
26 11 16 11-0052	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	20,611.96	862.17
		For Gas Filled Transformers, Add	*11,332.58*	
		For Single Phase Transformers, Deduct	*-472.19*	
		For Dry Type Unit, Add	*4,327.71*	
26 11 16 11-0053	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,162.29	1,014.31
		For Gas Filled Transformers, Add	*11,480.20*	
		For Single Phase Transformers, Deduct	*-478.34*	
		For Dry Type Unit, Add	*4,412.27*	
26 11 16 11-0054	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	23,354.65	1,115.75
		For Gas Filled Transformers, Add	*12,673.90*	
		For Single Phase Transformers, Deduct	*-528.08*	
		For Dry Type Unit, Add	*4,870.24*	
26 11 16 11-0055	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	25,984.26	1,318.61
		For Gas Filled Transformers, Add	*14,008.23*	
		For Single Phase Transformers, Deduct	*-583.68*	
		For Dry Type Unit, Add	*5,400.07*	
26 11 16 11-0056	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	30,099.72	1,521.47
		For Gas Filled Transformers, Add	*16,234.07*	
		For Single Phase Transformers, Deduct	*-676.42*	
		For Dry Type Unit, Add	*6,256.79*	
26 11 16 11-0057	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	34,993.38	1,825.77
		For Gas Filled Transformers, Add	*18,805.11*	
		For Single Phase Transformers, Deduct	*-783.55*	
		For Dry Type Unit, Add	*7,260.36*	
26 11 16 11-0058	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	41,261.05	2,028.63
		For Gas Filled Transformers, Add	*22,322.28*	
		For Single Phase Transformers, Deduct	*-930.10*	
		For Dry Type Unit, Add	*8,590.56*	
26 11 16 11-0059	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	53,077.39	2,130.06
		For Gas Filled Transformers, Add	*29,290.36*	
		For Single Phase Transformers, Deduct	*-1,220.43*	
		For Dry Type Unit, Add	*11,165.81*	

26 11 16 11-0060 Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 V *(26 11 16 11-0049)*

Note: Primary 4.16 or 4.8 KV (delta or wye).

26 11 16 11-0061	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	19,840.27	811.45
		For Gas Filled Transformers, Add	*10,930.42*	
		For Single Phase Transformers, Deduct	*-455.43*	
		For Dry Type Unit, Add	*4,170.11*	
26 11 16 11-0062	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	20,611.96	862.17
		For Gas Filled Transformers, Add	*11,332.58*	
		For Single Phase Transformers, Deduct	*-472.19*	
		For Dry Type Unit, Add	*4,327.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0063	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,162.29	1,014.31
		For Gas Filled Transformers, Add	*11,480.20*	
		For Single Phase Transformers, Deduct	*-478.34*	
		For Dry Type Unit, Add	*4,412.27*	
26 11 16 11-0064	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	23,354.65	1,115.75
		For Gas Filled Transformers, Add	*12,673.90*	
		For Single Phase Transformers, Deduct	*-528.08*	
		For Dry Type Unit, Add	*4,870.24*	
26 11 16 11-0065	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	25,984.26	1,318.61
		For Gas Filled Transformers, Add	*14,008.23*	
		For Single Phase Transformers, Deduct	*-583.68*	
		For Dry Type Unit, Add	*5,400.07*	
26 11 16 11-0066	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	30,099.72	1,521.47
		For Gas Filled Transformers, Add	*16,234.07*	
		For Single Phase Transformers, Deduct	*-676.42*	
		For Dry Type Unit, Add	*6,256.79*	
26 11 16 11-0067	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	34,993.38	1,825.77
		For Gas Filled Transformers, Add	*18,805.11*	
		For Single Phase Transformers, Deduct	*-783.55*	
		For Dry Type Unit, Add	*7,260.36*	
26 11 16 11-0068	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	41,261.05	2,028.63
		For Gas Filled Transformers, Add	*22,322.28*	
		For Single Phase Transformers, Deduct	*-930.10*	
		For Dry Type Unit, Add	*8,590.56*	
26 11 16 11-0069	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	53,077.39	2,130.06
		For Gas Filled Transformers, Add	*29,290.36*	
		For Single Phase Transformers, Deduct	*-1,220.43*	
		For Dry Type Unit, Add	*11,165.81*	
26 11 16 11-0070	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	58,173.60	2,231.49
		For Gas Filled Transformers, Add	*32,226.37*	
		For Single Phase Transformers, Deduct	*-1,342.77*	
		For Dry Type Unit, Add	*12,262.63*	
26 11 16 11-0071	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	64,802.14	2,332.92
		For Gas Filled Transformers, Add	*36,081.77*	
		For Single Phase Transformers, Deduct	*-1,503.41*	
		For Dry Type Unit, Add	*13,696.57*	
26 11 16 11-0072	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	74,489.49	2,434.35
		For Gas Filled Transformers, Add	*41,772.47*	
		For Single Phase Transformers, Deduct	*-1,740.52*	
		For Dry Type Unit, Add	*15,803.44*	

26 11 16 11-0073 Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 V Or 240 V *(26 11 16 11-0049)*

26 11 16 11-0074	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	22,100.43	912.88
		For Gas Filled Transformers, Add	*12,164.80*	
		For Single Phase Transformers, Deduct	*-506.87*	
		For Dry Type Unit, Add	*4,643.00*	
26 11 16 11-0075	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	22,868.25	963.60
		For Gas Filled Transformers, Add	*12,564.64*	
		For Single Phase Transformers, Deduct	*-523.53*	
		For Dry Type Unit, Add	*4,799.75*	
26 11 16 11-0076	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	24,538.27	1,115.75
		For Gas Filled Transformers, Add	*13,384.07*	
		For Single Phase Transformers, Deduct	*-557.67*	
		For Dry Type Unit, Add	*5,130.64*	
26 11 16 11-0077	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	25,942.19	1,217.17
		For Gas Filled Transformers, Add	*14,104.70*	
		For Single Phase Transformers, Deduct	*-587.70*	
		For Dry Type Unit, Add	*5,415.16*	
26 11 16 11-0078	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	29,610.15	1,420.04
		For Gas Filled Transformers, Add	*16,062.04*	
		For Single Phase Transformers, Deduct	*-669.25*	
		For Dry Type Unit, Add	*6,173.42*	
26 11 16 11-0079	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	32,857.75	1,622.90
		For Gas Filled Transformers, Add	*17,767.16*	
		For Single Phase Transformers, Deduct	*-740.30*	
		For Dry Type Unit, Add	*6,839.21*	
26 11 16 11-0080	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	38,396.48	1,927.19
		For Gas Filled Transformers, Add	*20,725.25*	
		For Single Phase Transformers, Deduct	*-863.55*	
		For Dry Type Unit, Add	*7,984.70*	
26 11 16 11-0081	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	46,347.58	2,130.06
		For Gas Filled Transformers, Add	*25,252.48*	
		For Single Phase Transformers, Deduct	*-1,052.19*	
		For Dry Type Unit, Add	*9,685.25*	
26 11 16 11-0082	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	55,717.24	2,231.49
		For Gas Filled Transformers, Add	*30,752.56*	
		For Single Phase Transformers, Deduct	*-1,281.36*	
		For Dry Type Unit, Add	*11,722.24*	

26 11 16 11-0083 Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 V Or 480 V *(26 11 16 11-0049)*

26 11 16 11-0084	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	22,100.43	912.88
		For Gas Filled Transformers, Add	*12,164.80*	
		For Single Phase Transformers, Deduct	*-506.87*	
		For Dry Type Unit, Add	*4,643.00*	
26 11 16 11-0085	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	22,868.25	963.60
		For Gas Filled Transformers, Add	*12,564.64*	
		For Single Phase Transformers, Deduct	*-523.53*	
		For Dry Type Unit, Add	*4,799.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0086	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	24,538.27	1,115.75
		For Gas Filled Transformers, Add	*13,384.07*	
		For Single Phase Transformers, Deduct	*-557.67*	
		For Dry Type Unit, Add	*5,130.64*	
26 11 16 11-0087	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	25,942.19	1,217.17
		For Gas Filled Transformers, Add	*14,104.70*	
		For Single Phase Transformers, Deduct	*-587.70*	
		For Dry Type Unit, Add	*5,415.16*	
26 11 16 11-0088	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	29,610.15	1,420.04
		For Gas Filled Transformers, Add	*16,062.04*	
		For Single Phase Transformers, Deduct	*-669.25*	
		For Dry Type Unit, Add	*6,173.42*	
26 11 16 11-0089	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	28,983.36	1,622.90
		For Gas Filled Transformers, Add	*15,442.53*	
		For Single Phase Transformers, Deduct	*-643.44*	
		For Dry Type Unit, Add	*5,986.84*	
26 11 16 11-0090	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	30,436.99	1,927.19
		For Gas Filled Transformers, Add	*15,949.56*	
		For Single Phase Transformers, Deduct	*-664.57*	
		For Dry Type Unit, Add	*6,233.61*	
26 11 16 11-0091	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	37,228.28	2,130.06
		For Gas Filled Transformers, Add	*19,780.90*	
		For Single Phase Transformers, Deduct	*-824.20*	
		For Dry Type Unit, Add	*7,679.01*	
26 11 16 11-0092	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	43,897.42	2,231.49
		For Gas Filled Transformers, Add	*23,660.66*	
		For Single Phase Transformers, Deduct	*-985.86*	
		For Dry Type Unit, Add	*9,121.87*	
26 11 16 11-0093	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	48,934.30	2,332.92
		For Gas Filled Transformers, Add	*26,561.07*	
		For Single Phase Transformers, Deduct	*-1,106.71*	
		For Dry Type Unit, Add	*10,205.64*	
26 11 16 11-0094	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	57,190.86	2,434.35
		For Gas Filled Transformers, Add	*31,393.30*	
		For Single Phase Transformers, Deduct	*-1,308.05*	
		For Dry Type Unit, Add	*11,997.75*	
26 11 16 11-0095	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	69,752.29	2,535.79
		For Gas Filled Transformers, Add	*38,808.44*	
		For Single Phase Transformers, Deduct	*-1,617.02*	
		For Dry Type Unit, Add	*14,736.92*	

26 12 Medium-Voltage Transformers *(26 10)*

26 12 13 Liquid-Filled, Medium-Voltage Transformers *(26 12)*

26 12 13 00-0001 Single Phase Oil Filled Distribution Transformers *(26 12 13)*

Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.

26 12 13 00-0002 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA *(26 12 13 00-0001)*

26 12 13 00-0003	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	1,694.64	416.19
26 12 13 00-0004	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,064.52	520.23
26 12 13 00-0005	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,428.32	624.27
26 12 13 00-0006	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	3,103.94	780.34
26 12 13 00-0007	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	3,698.59	936.42
26 12 13 00-0008	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	4,821.05	1,092.49
26 12 13 00-0009	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	5,723.25	1,300.57

26 12 13 00-0010 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA *(26 12 13 00-0001)*

26 12 13 00-0011	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,694.64	416.19
26 12 13 00-0012	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,088.20	520.23
26 12 13 00-0013	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,428.32	624.27
26 12 13 00-0014	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,103.94	780.34
26 12 13 00-0015	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,698.59	936.42
26 12 13 00-0016	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,577.67	1,092.49
26 12 13 00-0017	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	5,599.65	1,300.57

26 12 13 00-0018 Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0001)*

26 12 13 00-0019	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,667.01	416.19
26 12 13 00-0020	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,989.54	520.23
26 12 13 00-0021	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,354.16	624.27
26 12 13 00-0022	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,086.83	780.34
26 12 13 00-0023	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,626.34	936.42
26 12 13 00-0024	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,623.31	1,092.49
26 12 13 00-0025	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	5,611.06	1,300.57

26 12 13 00-0026 Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0001)*

26 12 13 00-0027	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	1,795.27	416.19
26 12 13 00-0028	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,121.75	520.23
26 12 13 00-0029	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,700.51	624.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0030	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,395.14	780.34
26 12 13 00-0031	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,971.96	936.42
26 12 13 00-0032	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	5,134.46	1,092.49
26 12 13 00-0033	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	6,436.23	1,300.57
26 12 13 00-0034		Transformer Platforms *(26 12 13 00-0001)*		
26 12 13 00-0035	EA	Transformer Platforms, 75 - 167 KVA	3,456.71	702.83
26 12 13 00-0036		Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Tops FCBN Auto FCAN *(26 12 13 00-0001)*		
26 12 13 00-0037	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	1,912.22	416.19
26 12 13 00-0038	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,227.94	520.23
26 12 13 00-0039	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,701.51	624.27
26 12 13 00-0040	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,393.92	780.34
26 12 13 00-0041	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	4,075.58	988.43
26 12 13 00-0042	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	5,137.51	1,092.49
26 12 13 00-0043	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	6,436.23	1,300.57
26 12 13 00-0044	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	8,491.95	1,664.73
26 12 13 00-0045	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	11,035.59	2,236.99
26 12 13 00-0046	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	12,897.58	2,601.15
26 12 13 00-0047	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	15,609.79	2,809.24
26 12 13 00-0048		Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL *(26 12 13 00-0001)*		
26 12 13 00-0049	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	1,694.64	509.62
26 12 13 00-0050	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,064.52	636.97
26 12 13 00-0051	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	2,427.90	763.60
26 12 13 00-0052	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	3,104.95	956.91
26 12 13 00-0053	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	3,697.63	1,146.27
26 12 13 00-0054	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	4,819.75	1,335.01
26 12 13 00-0055	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	5,723.25	1,592.53
26 12 13 00-0056		Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN *(26 12 13 00-0001)*		
26 12 13 00-0057	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,694.64	509.62
26 12 13 00-0058	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,088.20	636.97
26 12 13 00-0059	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,427.90	763.60
26 12 13 00-0060	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,104.95	956.91
26 12 13 00-0061	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,697.63	1,146.27
26 12 13 00-0062	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,576.37	1,335.01
26 12 13 00-0063	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	5,599.65	1,592.53
26 12 13 00-0064		Primary 7.2 To 14.4 KV Ground Y *(26 12 13 00-0001)*		
26 12 13 00-0065		Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN *(26 12 13 00-0064)*		
26 12 13 00-0066	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,487.10	416.19
26 12 13 00-0067	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	1,809.99	520.23
26 12 13 00-0068	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,126.08	624.27
26 12 13 00-0069	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	2,728.87	780.34
26 12 13 00-0070	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	3,352.15	936.42
26 12 13 00-0071	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	4,691.89	1,092.49
26 12 13 00-0072	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	5,471.18	1,300.57
26 12 13 00-0073		Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN *(26 12 13 00-0064)*		
26 12 13 00-0074	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	1,424.31	416.19
26 12 13 00-0075	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	1,731.06	520.23
26 12 13 00-0076	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,090.20	624.27
26 12 13 00-0077	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	2,657.12	780.34
26 12 13 00-0078	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	3,253.49	936.42
26 12 13 00-0079	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	4,333.14	1,092.49
26 12 13 00-0080	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	5,112.43	1,300.57
26 12 13 00-0081		3 Phase Oil Filled Distribution Transformers *(26 12 13)*		
26 12 13 00-0082		Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt *(26 12 13 00-0081)*		
		Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 13 00-0083	EA	112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	6,074.44	1,456.65
26 12 13 00-0084	EA	150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	7,189.04	1,560.69
26 12 13 00-0085	EA	225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	9,392.78	1,976.87
26 12 13 00-0086	EA	300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	12,130.04	2,497.10
26 12 13 00-0087	EA	500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	16,496.57	2,809.24
26 12 13 00-0088	EA	750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	24,319.80	3,745.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0089		Removal And Relocation Of Transformers *(26 12 13)*		
26 12 13 00-0090	EA	Removal And Relocation Of Up To 37.5 KVA Oil Filled Transformer	1,035.66	
26 12 13 00-0091	EA	Removal And Relocation Of >37.5 To 100 KVA Oil Filled Transformers	1,905.90	
26 12 16		**Dry-Type, Medium-Voltage Transformers** *(26 12)*		
26 12 16 00-0001		Removal and Relocation of Transformers *(26 12 16)*		
26 12 16 00-0002	EA	Removal And Relocation Of Up To 37.5 KVA "Dry Type" Transformer	420.94	
26 12 16 00-0003	EA	Removal And Relocation Of >37.5 To 112.5 KVA "Dry Type" Transformer	1,870.84	
26 12 19		**Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers** *(26 12)*		
26 12 19 00-0001		Single Phase Pad Mounted Distribution Transformers *(26 12 19)* Note: Designed for residential and multi-family buildings. UL listed.		
26 12 19 00-0002		Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled *(26 12 19 00-0001)* Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003		Primary, 4.16/4.8 KV Ground Y Or Delta *(26 12 19 00-0002)* Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.		
26 12 19 00-0004	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,247.45	507.16
26 12 19 00-0005	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,619.51	608.59
26 12 19 00-0006	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,291.22	710.02
26 12 19 00-0007	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,130.79	760.73
26 12 19 00-0008	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,745.62	811.45
26 12 19 00-0009	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	7,523.70	1,065.02
26 12 19 00-0010		Factory Modifications Material Cost Only *(26 12 19 00-0002)*		
26 12 19 00-0011	EA	Loadbreaker Current Limiting Fuse Factory Modifications	534.71	
26 12 19 00-0012	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	561.84	
26 12 19 00-0013	EA	Loadbreaker Inserts, Factory Modifications	618.02	
26 12 19 00-0014		Distribution - Single Phase Multiple Building Transformer *(26 12 19 00-0001)* Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.		
26 12 19 00-0015		Primary, 4.16/4.8 KVA Ground Y Or Delta *(26 12 19 00-0014)* Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0016	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,819.57	507.16
26 12 19 00-0017	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,375.01	507.16
26 12 19 00-0018	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,779.02	694.80
26 12 19 00-0019	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,841.38	694.80
26 12 19 00-0020	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	6,536.17	912.88
26 12 19 00-0021	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	7,904.23	912.88
26 12 19 00-0022	EA	250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	12,206.32	1,267.89
26 12 19 00-0023		Factory Modifications Material Cost Only *(26 12 19 00-0014)*		
26 12 19 00-0024	EA	Loadbreaker Current Limiting Fuse Factory Modifications	712.95	
26 12 19 00-0025	EA	Lightning Arrestors, Factory Modifications	180.64	
26 12 19 00-0026	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	561.84	
26 12 19 00-0027	EA	Loop Feed Air Switch, Factory Modifications	914.44	
26 12 19 00-0028	EA	Loadbreaker Inserts (Two), Factory Modifications	244.11	
26 12 19 00-0029	EA	Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications	211.17	
26 12 19 00-0030		Primary, 12.47 KV Ground Y Or Delta *(26 12 19 00-0014)* Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0031	EA	25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,082.34	507.16
26 12 19 00-0032	EA	37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,462.50	507.16
26 12 19 00-0033	EA	50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,744.65	694.80
26 12 19 00-0034	EA	75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,631.24	694.80
26 12 19 00-0035	EA	100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	6,972.07	912.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0036	EA	167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	8,672.72	912.98
26 12 19 00-0037	EA	250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	10,979.92	1,267.89
26 12 19 00-0038		Oil Filled Distribution Transformer Single Phase Cluster Mounted *(26 12 19 00-0001)* Note: Conventional type.		
26 12 19 00-0039		13.8/14.4 KV Ground Y Or Delta Primary 120/240V *(26 12 19 00-0038)* Note: 2.5 Taps FCBN and FCAN.		
26 12 19 00-0040	EA	10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,787.70	351.30
26 12 19 00-0041	EA	37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,533.38	494.01
26 12 19 00-0042	EA	50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,343.25	790.41
26 12 19 00-0043	EA	100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	9,121.53	790.41
26 12 19 00-0044	EA	167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	12,436.02	1,295.41
26 12 19 00-0045	EA	250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	16,322.23	1,295.41
26 12 19 00-0046		Oil Filled Distribution Transformer Single Phase *(26 12 19 00-0001)*		
26 12 19 00-0047		7.2 KV Primary, 120/240 Volt Secondary *(26 12 19 00-0046)*		
26 12 19 00-0048	EA	10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,717.74	373.25
26 12 19 00-0049	EA	15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,974.09	373.25
26 12 19 00-0050	EA	25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,474.67	526.94
26 12 19 00-0051	EA	37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,536.63	526.94
26 12 19 00-0052	EA	50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,232.41	713.57
26 12 19 00-0053	EA	100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	8,942.86	1,097.80
26 12 19 00-0054	EA	167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	12,296.10	1,097.80
26 12 19 00-0055	EA	250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	16,106.25	1,372.25
26 12 19 00-0056		7.2 KV Primary, 240/480 Volt Secondary *(26 12 19 00-0046)*		
26 12 19 00-0057	EA	10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,717.74	373.25
26 12 19 00-0058	EA	15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,974.16	373.25
26 12 19 00-0059	EA	25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,474.67	526.94
26 12 19 00-0060	EA	37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,536.63	526.94
26 12 19 00-0061	EA	50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,232.41	713.57
26 12 19 00-0062	EA	75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,899.91	966.06
26 12 19 00-0063	EA	100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	8,942.86	966.06
26 12 19 00-0064	EA	167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	12,296.10	1,218.56
26 12 19 00-0065	EA	250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	16,106.25	1,372.25
26 12 19 00-0066		2.4 KV Primary, 277 Volt Secondary *(26 12 19 00-0046)*		
26 12 19 00-0067	EA	10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,937.29	373.25
26 12 19 00-0068	EA	15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,213.34	373.25
26 12 19 00-0069	EA	25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,758.34	526.94
26 12 19 00-0070	EA	37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,899.00	526.94
26 12 19 00-0071	EA	50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,647.49	713.57
26 12 19 00-0072	EA	75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	8,402.54	966.06
26 12 19 00-0073	EA	100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	9,710.08	966.06
26 12 19 00-0074	EA	167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,372.96	1,218.56
26 12 19 00-0075	EA	250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	17,566.05	1,372.25
26 12 19 00-0076		2.4 KV Primary, 120/240 Volt Secondary *(26 12 19 00-0046)*		
26 12 19 00-0077	EA	10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,717.74	373.25
26 12 19 00-0078	EA	15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,974.09	373.25
26 12 19 00-0079	EA	25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,474.67	716.97
26 12 19 00-0080	EA	37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,536.63	966.06
26 12 19 00-0081	EA	50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,232.41	713.57
26 12 19 00-0082	EA	75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,747.68	966.06
26 12 19 00-0083	EA	100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	8,941.42	966.06
26 12 19 00-0084		2.4 KV Primary, 240/480 Volt Secondary *(26 12 19 00-0046)*		
26 12 19 00-0085	EA	10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,717.74	373.25
26 12 19 00-0086	EA	15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,974.09	373.25
26 12 19 00-0087	EA	25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,474.67	526.94
26 12 19 00-0088	EA	37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,536.63	526.94
26 12 19 00-0089	EA	50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	5,232.41	713.57
26 12 19 00-0090	EA	75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,747.68	966.06
26 12 19 00-0091	EA	100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	8,941.42	966.06
26 12 19 00-0092		2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary *(26 12 19 00-0046)*		
26 12 19 00-0093	EA	10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,376.36	384.23
26 12 19 00-0094	EA	15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,588.43	428.14
26 12 19 00-0095	EA	25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,102.63	472.05
26 12 19 00-0096	EA	37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,011.03	658.68
26 12 19 00-0097	EA	50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,505.18	768.46
26 12 19 00-0098	EA	75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,048.99	900.19
26 12 19 00-0099	EA	100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,215.73	1,031.93
26 12 19 00-0100	EA	167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,960.39	1,317.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0101	EA	250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,757.62	1,482.03

26 13 Medium-Voltage Switchgear *(26 10)*

26 13 16 Medium-Voltage Fusible Interrupter Switchgear *(26 13)*

26 13 16 00-0001 "Switchyard", Substation Secondary Distribution Section *(26 13 16)*
Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.

26 13 16 00-0002 4.16 Or 4.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0003	EA	1,200 Amp, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	10,810.58	1,141.71
		For Weatherproofing, Add	*2,218.23*	
26 13 16 00-0004	EA	1,200 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	11,331.52	1,141.71
		For Weatherproofing, Add	*2,332.84*	
26 13 16 00-0005	EA	1,200 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	15,387.86	1,454.58
		For Weatherproofing, Add	*3,192.73*	
26 13 16 00-0006	EA	2,000 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	20,881.82	1,454.58
		For Weatherproofing, Add	*4,376.92*	
26 13 16 00-0007	EA	2,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	29,806.18	1,756.47
		For Weatherproofing, Add	*6,311.06*	
26 13 16 00-0008	EA	3,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	27,266.22	1,756.47
		For Weatherproofing, Add	*5,739.83*	

26 13 16 00-0009 7.2 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0010	EA	1,200 Amp, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	16,012.40	1,317.36
		For Weatherproofing, Add	*3,346.07*	
26 13 16 00-0011	EA	2,000 Amp, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,689.40	1,646.69
		For Weatherproofing, Add	*4,100.90*	
26 13 16 00-0012	EA	3,000 Amp, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	27,579.27	1,976.04
		For Weatherproofing, Add	*5,797.81*	

26 13 16 00-0013 13.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0014	EA	1,200 Amp, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	15,482.31	1,317.36
		For Weatherproofing, Add	*3,214.95*	
26 13 16 00-0015	EA	1,200 Amp, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	21,237.12	1,317.36
		For Weatherproofing, Add	*4,449.43*	
26 13 16 00-0016	EA	1,200 Amp, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	30,895.39	1,756.47
		For Weatherproofing, Add	*6,538.25*	
26 13 16 00-0017	EA	2,000 Amp, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,483.67	1,756.47
		For Weatherproofing, Add	*4,042.45*	
26 13 16 00-0018	EA	2,000 Amp, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	28,141.57	2,195.60
		For Weatherproofing, Add	*5,915.71*	
26 13 16 00-0019	EA	2,000 Amp, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	39,233.56	2,195.60
		For Weatherproofing, Add	*8,322.77*	
26 13 16 00-0020	EA	3,000 Amp, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	27,131.88	2,195.60
		For Weatherproofing, Add	*5,684.40*	
26 13 16 00-0021	EA	3,000 Amp, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	37,471.42	2,195.60
		For Weatherproofing, Add	*7,927.47*	
26 13 16 00-0022	EA	3,000 Amp, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	48,447.96	2,195.60
		For Weatherproofing, Add	*10,312.40*	

26 13 16 00-0023 4.16 Or 4.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0024	EA	1,200 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	4,908.87	719.06
		For Weatherproofing, Add	*979.10*	
26 13 16 00-0025	EA	1,200 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,321.16	719.06
		For Weatherproofing, Add	*1,289.81*	
26 13 16 00-0026	EA	2,000 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,903.13	955.09
		For Weatherproofing, Add	*1,385.28*	
26 13 16 00-0027	EA	2,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,554.05	1,180.14
		For Weatherproofing, Add	*1,716.63*	
26 13 16 00-0028	EA	3,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,412.40	1,180.14
		For Weatherproofing, Add	*2,345.47*	

26 13 16 00-0029 7.2 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0030	EA	1,200 Amp, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,185.39	1,097.80
		For Weatherproofing, Add	*1,245.92*	
26 13 16 00-0031	EA	2,000 Amp, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,087.05	1,097.80
		For Weatherproofing, Add	*1,631.94*	
26 13 16 00-0032	EA	3,000 Amp, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,247.03	1,097.80
		For Weatherproofing, Add	*2,515.22*	

26 13 16 00-0033 13.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0034	EA	1,200 Amp, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,401.97	933.13
		For Weatherproofing, Add	*1,278.41*	
26 13 16 00-0035	EA	1,200 Amp, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,810.71	933.13
		For Weatherproofing, Add	*1,368.33*	
26 13 16 00-0036	EA	1,200 Amp, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,710.53	1,152.68
		For Weatherproofing, Add	*1,974.19*	
26 13 16 00-0037	EA	2,000 Amp, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,756.21	1,383.22
		For Weatherproofing, Add	*1,732.31*	
26 13 16 00-0038	EA	2,000 Amp, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,682.33	1,383.22
		For Weatherproofing, Add	*2,156.06*	
26 13 16 00-0039	EA	2,000 Amp, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,289.89	1,613.76
		For Weatherproofing, Add	*2,477.09*	
26 13 16 00-0040	EA	3,000 Amp, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,606.40	1,844.30
		For Weatherproofing, Add	*2,294.67*	
26 13 16 00-0041	EA	3,000 Amp, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,926.23	1,844.30
		For Weatherproofing, Add	*2,585.03*	
26 13 16 00-0042	EA	3,000 Amp, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	15,869.69	2,063.86
		For Weatherproofing, Add	*3,200.25*	

26 13 16 00-0043 Accessories For Substation Secondary Distribution Sections *(26 13 16 00-0001)*

26 13 16 00-0044	EA	1,200 Amp, Transformer Throat Connection Accessories, Secondary Distribution Section	3,184.74	695.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*417.41*	
26 13 16 00-0045	EA	2,000 Amp, Transformer Throat Connection Accessories, Secondary Distribution Section	3,953.14	771.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*463.21*	
26 13 16 00-0046	EA	3,000 Amp, Transformer Throat Connection Accessories, Secondary Distribution Section	5,137.26	928.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*557.26*	
26 13 16 00-0047	EA	3-Phase Pothead Termination Accessories, Secondary Distribution Section	3,482.04	1,396.73
26 13 16 00-0048	EA	5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	3,743.63	91.19
26 13 16 00-0049	EA	5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	4,991.16	91.19
26 13 16 00-0050	EA	5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	9,117.19	91.19
26 13 16 00-0051	EA	15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	7,170.92	91.19
26 13 16 00-0052	EA	15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	7,825.80	91.19
26 13 16 00-0053	EA	15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	10,642.67	91.19
26 13 16 00-0054	EA	6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	1,710.84	91.19
26 13 16 00-0055	EA	9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	1,930.12	91.19
26 13 16 00-0056	EA	15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,917.47	91.19
26 13 16 00-0057	EA	Overcurrent Phase Protection, Time And Instantaneous Device 67	1,877.37	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 16 00-0058	EA	AC Ammeter With Switch	751.33	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 16 00-0059	EA	AC Voltmeter With Switch And Potential Transformer	751.33	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 16 00-0060	EA	Indicating Wattmeter	1,097.44	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 16 00-0061	EA	Indicating Varmeter	1,289.46	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 16 00-0062	EA	Indicating Watt-hour Meter, 2 Element	820.08	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 16 00-0063	EA	Ground Protection, Time Or Instantaneous Device 67N	3,026.05	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 16 00-0064	EA	Differential Generator Protection Single Phase NEMA Device 87	3,540.94	91.19
26 13 16 00-0065	EA	Current Transformers 5 And 15 KV Single Secondary	518.42	91.19
26 13 16 00-0066	EA	Potential Transformers 5 KV And 15 KV With Primary Fuses	2,372.23	91.19

26 13 19 Medium-Voltage Vacuum Interrupter Switchgear *(26 13)*

26 13 19 00-0001 Vacuum Circuit Breakers 13.8 KV *(26 13 19)*

26 13 19 00-0002	EA	1,200 Amp, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	38,283.20	1,372.25
26 13 19 00-0003	EA	1,200 Amp, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	42,302.36	1,734.52
26 13 19 00-0004	EA	1,200 Amp, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	48,039.25	1,734.52
26 13 19 00-0005	EA	2,000 Amp, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	43,823.60	1,372.25
26 13 19 00-0006	EA	2,000 Amp, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	49,246.44	1,372.25
26 13 19 00-0007	EA	2,000 Amp, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	56,140.36	1,613.76
26 13 19 00-0008	EA	3,000 Amp, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	57,979.87	1,844.30
26 13 19 00-0009	EA	3,000 Amp, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	63,430.26	1,844.30
26 13 19 00-0010	EA	3,000 Amp, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	69,325.01	2,074.84

26 13 29 Medium-Voltage Compartmentalized Switchgear *(26 13)*

26 13 29 00-0001 Substation Secondary Distribution Section *(26 13 29)*

Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.

26 13 29 00-0002 Switchgear Compartment Complete With Air Circuit Breaker *(26 13 29 00-0001)*

Note: With solid state long - time and instantaneous trips.

26 13 29 00-0003	EA	800 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206	12,224.03	873.83
26 13 29 00-0004	EA	1,600 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416	19,383.95	1,321.15
26 13 29 00-0005	EA	2,000 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420	26,250.97	1,622.83
26 13 29 00-0006	EA	3,200 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632	43,428.56	1,882.90
26 13 29 00-0007	EA	4,000 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840	55,769.62	2,142.96

26 13 29 00-0008 Switchgear Compartment Without Circuit Breaker *(26 13 29 00-0001)*

26 13 29 00-0009	EA	800 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	5,414.41	265.27
26 13 29 00-0010	EA	1,600 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	6,256.30	265.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 29 00-0011	EA	2,000 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,184.56	390.10
26 13 29 00-0012	EA	3,200 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,669.67	390.10
26 13 29 00-0013	EA	4,000 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	19,455.96	572.15
26 13 29 00-0014		Switchgear Compartment, Blank, Use As Filler Or Metering *(26 13 29 00-0001)*		
		Note: No provisions for future breaker.		
26 13 29 00-0015	EA	600 Thru 2,000 Amp, Blank Section Filler, Secondary Distribution Section	2,759.93	296.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.53*	
26 13 29 00-0016	EA	3,000 Amp, Blank Section Filler, Secondary Distribution Section	3,441.30	296.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*199.01*	
26 13 29 00-0017	EA	4,000 Amp, Blank Section Filler, Secondary Distribution Section	4,516.09	457.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*286.08*	
26 13 29 00-0018		Accessories For Substation Secondary Distribution *(26 13 29 00-0001)*		
26 13 29 00-0019	EA	Short Time Delay Accessories, Secondary Distribution Section	1,464.83	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 29 00-0020	EA	Key Interlock Accessories, Secondary Distribution Section	1,156.82	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 29 00-0021	EA	Ammeter And Switch Complete Accessories, Secondary Distribution Section	3,498.92	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 29 00-0022	EA	Voltmeter And Switch Complete Accessories, Secondary Distribution Section	3,498.92	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 29 00-0023	EA	Wattmeter - Complete Accessories, Secondary Distribution Section	4,603.14	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 29 00-0024	EA	Watt-hour Meter - Complete Accessories, Secondary Distribution Section	5,939.83	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 29 00-0025	EA	Circuit Breaker Lifting Device Accessories, Secondary Distribution Section	2,627.42	103.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.35*	
26 13 29 00-0026	EA	Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section	9,033.78	1,539.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*923.63*	
26 13 29 00-0027	EA	Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800	1,627.56	91.19
26 13 29 00-0028	EA	Potential Transformers Each With Fuses Accessories, Secondary Distribution Section	1,898.13	91.19
26 13 29 00-0029	EA	Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section	1,011.37	45.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.36*	
26 13 29 00-0030	EA	3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section	7,441.18	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 13 29 00-0031	EA	3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section	964.88	45.60

26 18 Medium-Voltage Circuit Protection Devices *(26 10)*

26 18 36 Medium-Voltage Enclosed Fuses *(26 18)*

26 18 36 00-0001		Sectionalizing Switch *(26 18 36)*		
26 18 36 00-0002		Pad Mounted Metal Enclosed Oil Filled Switching Units *(26 18 36 00-0001)*		
		Note: 15 KV - 25 KV.		
26 18 36 00-0003		Sectionalizing Tapping And Fusing Underground Feeders *(26 18 36 00-0002)*		
		Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.		
26 18 36 00-0004	EA	3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	23,201.24	760.73
26 18 36 00-0005	EA	3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	26,051.64	760.73

26 20 Low-Voltage Electrical Distribution *(26)*

26 21 Low-Voltage Electrical Service Entrance *(26 20)*

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance *(26 21)*

26 21 13 00-0001		Service Drop Cable And Weatherheads *(26 21 13)*		
26 21 13 00-0002		600 Volt Insulated Stranded Conductors *(26 21 13 00-0001)*		
26 21 13 00-0003		Aluminum Duplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0004	LF	#6 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	6.71	2.61
26 21 13 00-0005	LF	#4 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	8.01	3.09
26 21 13 00-0006	LF	#2 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	9.19	3.49
26 21 13 00-0007	LF	#1/0 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	11.87	4.39
26 21 13 00-0008		Aluminum Triplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0009	LF	#6 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	8.05	3.09
26 21 13 00-0010	LF	#4 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	9.14	3.49
26 21 13 00-0011	LF	#2 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	11.56	4.39
26 21 13 00-0012	LF	#1/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	14.26	5.36
26 21 13 00-0013	LF	#2/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	18.75	7.08
26 21 13 00-0014	LF	#4/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	23.53	8.78
26 21 13 00-0015	LF	336 MCM Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	29.51	10.45
26 21 13 00-0016		Aluminum Quadruplex ACSR Neutral *(26 21 13 00-0002)*		
26 21 13 00-0017	LF	#6 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	9.15	3.49
26 21 13 00-0018	LF	#4 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	11.55	4.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0019	LF	#2 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	14.85	5.63
26 21 13 00-0020	LF	#1/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	19.00	7.08
26 21 13 00-0021	LF	#2/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	21.08	7.84
26 21 13 00-0022	LF	#3/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	23.95	8.78
26 21 13 00-0023	LF	#4/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	28.37	10.45
26 21 13 00-0024	LF	336 MCM Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	33.15	11.55

26 21 13 00-0025 Weather Proof Conduit Hubs *(26 21 13 00-0002)*

26 21 13 00-0026	EA	1/2" Weatherproof Conduit Hubs	45.75	17.55
26 21 13 00-0027	EA	3/4" Weatherproof Conduit Hubs	52.15	19.95
26 21 13 00-0028	EA	1" Weatherproof Conduit Hubs	60.14	22.34
26 21 13 00-0029	EA	1-1/4" Weatherproof Conduit Hubs	83.23	29.93
26 21 13 00-0030	EA	1-1/2" Weatherproof Conduit Hubs	91.22	32.32
26 21 13 00-0031	EA	2" Weatherproof Conduit Hubs	115.63	37.51
26 21 13 00-0032	EA	2-1/2" Weatherproof Conduit Hubs	148.21	42.30
26 21 13 00-0033	EA	3" Weatherproof Conduit Hubs	188.90	49.87
26 21 13 00-0034	EA	4" Weatherproof Conduit Hubs	340.58	99.76

26 21 13 00-0035 Service Entrance Cap, Threaded Weatherhead, Galvanized *(26 21 13 00-0002)*

26 21 13 00-0036	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service	51.32	17.55
26 21 13 00-0037	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service	58.83	19.95
26 21 13 00-0038	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	67.31	22.34
26 21 13 00-0039	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	90.43	29.93
26 21 13 00-0040	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	102.08	32.32
26 21 13 00-0041	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service	133.51	37.51
26 21 13 00-0042	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service	222.05	42.30
26 21 13 00-0043	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service	252.99	49.87
26 21 13 00-0044	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service	418.15	99.76

26 21 13 00-0045 Service Entrance Cap, Clamp-On Weatherhead, Aluminum *(26 21 13 00-0002)*

26 21 13 00-0046	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service	49.70	17.55
26 21 13 00-0047	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service	56.10	19.95
26 21 13 00-0048	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service	63.62	22.24
26 21 13 00-0049	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	84.59	29.93
26 21 13 00-0050	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	94.20	32.32
26 21 13 00-0051	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service	110.98	37.51
26 21 13 00-0052	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service	179.81	42.30
26 21 13 00-0053	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service	231.74	49.87
26 21 13 00-0054	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 Thru 500 MCM Cable Service	326.83	74.81
26 21 13 00-0055	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service	392.86	99.76

26 21 13 00-0056 Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) *(26 21 13 00-0002)*

26 21 13 00-0057	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service	47.14	17.55
26 21 13 00-0058	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service	53.86	19.95
26 21 13 00-0059	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	60.99	22.24
26 21 13 00-0060	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	81.34	29.93
26 21 13 00-0061	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service	88.44	32.32
26 21 13 00-0062	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service	107.26	37.51
26 21 13 00-0063	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service	167.90	42.30
26 21 13 00-0064	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service	189.54	49.87
26 21 13 00-0065	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 Thru 500 MCM Cable Service	319.59	74.81
26 21 13 00-0066	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service	440.46	99.76

26 21 16 Low-Voltage Underground Electrical Service Entrance *(26 21)*

26 21 16 00-0001 Aluminum Triplex For Underground Service, Direct Burial *(26 21 16)*

Note: Excludes excavation and backfill.

26 21 16 00-0002	MLF	#6 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	2,819.79	975.83
26 21 16 00-0003	MLF	#4 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	3,088.44	1,033.24
26 21 16 00-0004	MLF	#2 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	3,445.31	1,097.80
26 21 16 00-0005	MLF	#1/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	3,745.62	1,097.80
26 21 16 00-0006	MLF	#2/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	4,084.61	1,171.02
26 21 16 00-0007	MLF	#3/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	4,786.19	1,351.17
26 21 16 00-0008	MLF	#4/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial	6,033.48	1,756.47

26 22 Low-Voltage Transformers *(26 20)*

26 22 13 Low-Voltage Distribution Transformers *(26 22)*

26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers *(26 22 13)*

Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0002		**480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*		
		Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.		
26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	703.37	255.67
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	905.95	306.81
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,057.24	320.11
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,209.75	332.38
26 22 13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,570.15	357.95
26 22 13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,815.71	383.51
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*52.43*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*78.65*	
26 22 13 00-0009	EA	25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,975.64	409.08
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*57.87*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*86.81*	
26 22 13 00-0010	EA	37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,999.43	460.21
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*53.95*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*80.93*	
26 22 13 00-0011	EA	50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	2,335.65	511.35
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*65.65*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*98.47*	
26 22 13 00-0012	EA	75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,006.96	613.62
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*88.99*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*133.48*	
26 22 13 00-0013	EA	100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,733.59	715.89
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*115.09*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*172.64*	
26 22 13 00-0014	EA	167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	5,658.83	920.43
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*190.90*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*286.35*	
26 22 13 00-0015	EA	250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	9,493.00	1,124.97
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*362.15*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*543.23*	
26 22 13 00-0016	EA	333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	14,242.37	1,278.38
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*584.28*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*876.42*	
26 22 13 00-0017		**240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*		
		Note: 1-10 Percent x 2-5 percent FCBN taps.		
26 22 13 00-0018	EA	3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	816.59	306.81
26 22 13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	914.04	319.59
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,049.68	332.38
26 22 13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,193.73	357.95
26 22 13 00-0022		**240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers** *(26 22 13 00-0001)*		
		Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.		
26 22 13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,815.71	383.51
26 22 13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,975.64	409.08
26 22 13 00-0025		**1 Phase Mounting Brackets** *(26 22 13 00-0001)*		
26 22 13 00-0026	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	472.90	182.39
26 22 13 00-0027		**1 Phase Weathershields** *(26 22 13 00-0001)*		
		Note: Use with types DT-3 and DS-3.		
26 22 13 00-0028	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	37.78	
26 22 13 00-0029	EA	50 KVA 1 Phase Weathershields, Set Of 2	48.15	
26 22 13 00-0030	EA	75 KVA 1 Phase Weathershields, Set Of 2	57.42	
26 22 13 00-0031	EA	100 KVA 1 Phase Weathershields, Set Of 2	68.50	
26 22 13 00-0032	EA	167 KVA 1 Phase Weathershields, Set Of 2	92.68	
26 22 13 00-0033	EA	250 KVA 1 Phase Weathershields, Set Of 2	110.81	
26 22 13 00-0034	EA	333 KVA 1 Phase Weathershields, Set Of 2	136.00	
26 22 13 00-0035		**Packaged Power Supply** *(26 22 13 00-0001)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0036	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amp Breakers	1,194.56	319.59
26 22 13 00-0037	EA	7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amp Breakers	1,314.16	332.38
26 22 13 00-0038	EA	10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amp Breakers	1,421.29	357.95
26 22 13 00-0039	EA	15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amp Breakers	1,682.56	383.51
26 22 13 00-0040	EA	25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amp Breakers	2,183.74	409.08
26 22 13 00-0041		**240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade** *(26 22 13 00-0001)*		
26 22 13 00-0042	EA	0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	878.27	230.11
26 22 13 00-0043	EA	1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,161.11	255.67
26 22 13 00-0044	EA	2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,364.12	306.81
26 22 13 00-0045	EA	5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,485.38	319.59
26 22 13 00-0046	EA	7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	1,641.92	332.38
26 22 13 00-0047	EA	10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,035.56	357.95
26 22 13 00-0048	EA	15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,548.08	383.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0049		**1 Phase, 208/600 Volt, Dry General Purpose Transformer** *(26 22 13 00-0001)*		
26 22 13 00-0050	EA	15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,033.98	383.51
26 22 13 00-0051	EA	25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,160.25	409.08
26 22 13 00-0052	EA	30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,294.52	434.64
26 22 13 00-0053	EA	37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	4,215.13	460.21
26 22 13 00-0054	EA	45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	4,389.01	485.79
26 22 13 00-0055	EA	50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	5,693.59	511.35
26 22 13 00-0056		**3 Phase General Purpose "Dry Type" Transformer** *(26 22 13)* Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0057		**Packaged Power Supply** *(26 22 13 00-0056)* Note: 2-5 Percent FCBN taps.		
26 22 13 00-0058	EA	15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amp Breakers	4,860.86	1,099.41
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*133.10*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*199.65*	
26 22 13 00-0059	EA	22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amp Breakers	5,651.06	1,176.10
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*164.94*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*247.41*	
26 22 13 00-0060	EA	30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amp Breakers	6,604.40	1,278.38
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*202.38*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*303.57*	
26 22 13 00-0061		**Drive Isolation Transformers** *(26 22 13 00-0056)* Note: Only use in step-up applications.		
26 22 13 00-0062		**230 Volt Drive Isolation Transformers** *(26 22 13 00-0061)*		
26 22 13 00-0063	EA	7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,174.25	409.08
26 22 13 00-0064	EA	11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,666.06	434.64
26 22 13 00-0065	EA	15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,805.32	460.21
26 22 13 00-0066	EA	20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,428.73	485.79
26 22 13 00-0067	EA	27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,621.49	536.92
26 22 13 00-0068	EA	34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,078.63	588.05
26 22 13 00-0069	EA	40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,714.41	639.18
26 22 13 00-0070	EA	51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	6,618.72	715.89
26 22 13 00-0071	EA	63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,126.96	741.46
26 22 13 00-0072	EA	75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,131.11	767.03
26 22 13 00-0073	EA	93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,042.43	792.59
26 22 13 00-0074	EA	118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,362.80	971.56
26 22 13 00-0075	EA	145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,608.45	1,022.70
26 22 13 00-0076	EA	175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	14,338.24	1,073.84
26 22 13 00-0077	EA	220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	17,455.95	1,278.38
26 22 13 00-0078	EA	275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	22,926.82	1,508.48
26 22 13 00-0079	EA	330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	24,274.78	1,661.89
26 22 13 00-0080	EA	440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	29,364.89	1,840.86
26 22 13 00-0081	EA	550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	35,999.69	2,045.40
26 22 13 00-0082		**208V Drive Isolation Transformers** *(26 22 13 00-0061)*		
26 22 13 00-0083	EA	7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,294.18	409.08
26 22 13 00-0084	EA	11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,808.41	434.64
26 22 13 00-0085	EA	15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	3,952.16	460.21
26 22 13 00-0086	EA	20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,604.70	485.79
26 22 13 00-0087	EA	27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	4,802.07	536.92
26 22 13 00-0088	EA	30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,226.14	562.49
26 22 13 00-0089	EA	45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	5,991.34	664.76
26 22 13 00-0090	EA	51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	6,882.73	715.89
26 22 13 00-0091	EA	63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	7,414.25	741.46
26 22 13 00-0092	EA	75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	8,466.90	767.03
26 22 13 00-0093	EA	93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,472.91	792.59
26 22 13 00-0094	EA	118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,842.26	971.56
26 22 13 00-0095	EA	145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	13,146.10	1,022.70
26 22 13 00-0096	EA	175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	14,958.74	1,073.84
26 22 13 00-0097	EA	220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	18,214.32	1,278.38
26 22 13 00-0098		**480 Volt x 208Y/120 Volt, 2-2.5 Percent FCBN Taps** *(26 22 13 00-0056)*		
26 22 13 00-0099	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,378.93	421.87
26 22 13 00-0100	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	3,026.92	460.21
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*105.32*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*157.99*	
26 22 13 00-0101		**480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps** *(26 22 13 00-0056)*		
26 22 13 00-0102	EA	30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	3,438.89	562.49
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*115.70*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*173.54*	
		For K4 Factor Rating, Add	*1,619.74*	
		For K13 Factor Rating, Add	*2,313.92*	
		For K20 Factor Rating, Add	*3,008.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0103	EA	37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	4,087.37	613.62
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*143.01*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*214.51*	
		For K4 Factor Rating, Add	*2,002.09*	
		For K13 Factor Rating, Add	*2,860.13*	
		For K20 Factor Rating, Add	*3,718.17*	
26 22 13 00-0104	EA	45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	4,296.20	664.76
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*148.33*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*222.50*	
		For K4 Factor Rating, Add	*2,076.68*	
		For K13 Factor Rating, Add	*2,966.69*	
		For K20 Factor Rating, Add	*3,856.70*	
26 22 13 00-0105	EA	50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	5,486.59	715.89
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*202.74*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*304.11*	
		For K4 Factor Rating, Add	*2,838.36*	
		For K13 Factor Rating, Add	*4,054.80*	
		For K20 Factor Rating, Add	*5,271.24*	
26 22 13 00-0106	EA	75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	5,470.65	767.03
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*196.83*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*295.25*	
		For K4 Factor Rating, Add	*2,755.62*	
		For K13 Factor Rating, Add	*3,936.60*	
		For K20 Factor Rating, Add	*5,117.58*	
26 22 13 00-0107	EA	112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	6,775.85	920.43
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*246.75*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*370.12*	
		For K4 Factor Rating, Add	*3,454.49*	
		For K13 Factor Rating, Add	*4,934.99*	
		For K20 Factor Rating, Add	*6,415.49*	
26 22 13 00-0108	EA	150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	8,626.96	1,022.70
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*329.08*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*493.62*	
		For K4 Factor Rating, Add	*4,607.09*	
		For K13 Factor Rating, Add	*6,581.56*	
		For K20 Factor Rating, Add	*8,556.03*	
26 22 13 00-0109	EA	225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	11,650.42	1,278.38
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*454.68*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*682.02*	
		For K4 Factor Rating, Add	*6,365.56*	
		For K13 Factor Rating, Add	*9,093.66*	
		For K20 Factor Rating, Add	*11,821.76*	
26 22 13 00-0110	EA	300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	14,227.59	1,585.18
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*552.86*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*829.29*	
		For K4 Factor Rating, Add	*7,740.05*	
		For K13 Factor Rating, Add	*11,057.22*	
		For K20 Factor Rating, Add	*14,374.39*	
26 22 13 00-0111	EA	500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	20,077.77	1,943.13
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*809.58*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,214.36*	
		For K4 Factor Rating, Add	*11,334.05*	
		For K13 Factor Rating, Add	*16,191.50*	
		For K20 Factor Rating, Add	*21,048.95*	
26 22 13 00-0112	EA	750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	44,199.21	2,332.92
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,974.74*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,962.11*	
		For K4 Factor Rating, Add	*27,646.35*	
		For K13 Factor Rating, Add	*39,494.78*	
		For K20 Factor Rating, Add	*51,343.21*	
26 22 13 00-0113	EA	1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	57,695.67	2,556.76
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,629.11*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,943.66*	
		For K4 Factor Rating, Add	*36,807.52*	
		For K13 Factor Rating, Add	*52,582.17*	
		For K20 Factor Rating, Add	*68,356.82*	

26 22 13 00-0114 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0115	EA	6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	1,989.12	396.30
		For K4 Factor Rating, Add	*837.57*	
		For K13 Factor Rating, Add	*1,196.53*	
		For K20 Factor Rating, Add	*1,555.49*	
26 22 13 00-0116	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	2,378.93	421.87
		For K4 Factor Rating, Add	*1,074.65*	
		For K13 Factor Rating, Add	*1,535.21*	
		For K20 Factor Rating, Add	*1,995.77*	
26 22 13 00-0117	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	3,026.92	460.21
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*105.32*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*157.99*	
		For K4 Factor Rating, Add	*1,474.54*	
		For K13 Factor Rating, Add	*2,106.49*	
		For K20 Factor Rating, Add	*2,738.44*	

26 22 13 00-0118 480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps *(26 22 13 00-0056)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0119	EA	30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	5,529.61	562.49
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*220.23*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*330.35*	
		For K4 Factor Rating, Add	*3,083.25*	
		For K13 Factor Rating, Add	*4,404.64*	
		For K20 Factor Rating, Add	*5,726.03*	
26 22 13 00-0120	EA	45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	6,231.00	664.76
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*245.07*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*367.61*	
		For K4 Factor Rating, Add	*3,431.04*	
		For K13 Factor Rating, Add	*4,901.49*	
		For K20 Factor Rating, Add	*6,371.94*	
26 22 13 00-0121	EA	75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	8,988.63	767.03
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*372.73*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*559.09*	
		For K4 Factor Rating, Add	*5,218.21*	
		For K13 Factor Rating, Add	*7,454.58*	
		For K20 Factor Rating, Add	*9,690.95*	
26 22 13 00-0122	EA	112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	11,243.76	920.43
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*470.15*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*705.22*	
		For K4 Factor Rating, Add	*6,582.03*	
		For K13 Factor Rating, Add	*9,402.90*	
		For K20 Factor Rating, Add	*12,223.77*	
26 22 13 00-0123	EA	150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	13,459.88	1,022.70
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*570.72*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*856.09*	
		For K4 Factor Rating, Add	*7,990.14*	
		For K13 Factor Rating, Add	*11,414.48*	
		For K20 Factor Rating, Add	*14,838.82*	
26 22 13 00-0124	EA	225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	17,222.16	1,278.38
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*733.27*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,099.91*	
		For K4 Factor Rating, Add	*10,265.78*	
		For K13 Factor Rating, Add	*14,665.40*	
		For K20 Factor Rating, Add	*19,065.02*	
26 22 13 00-0125	EA	300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	20,969.45	1,585.18
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*889.95*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,334.93*	
		For K4 Factor Rating, Add	*12,459.36*	
		For K13 Factor Rating, Add	*17,799.08*	
		For K20 Factor Rating, Add	*23,138.80*	
26 22 13 00-0126	EA	500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	33,120.30	1,943.13
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,461.70*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,192.55*	
		For K4 Factor Rating, Add	*20,463.82*	
		For K13 Factor Rating, Add	*29,234.03*	
		For K20 Factor Rating, Add	*38,004.24*	

26 22 13 00-0127 3 Phase 60 Hz K20 Dry Type Transformers *(26 22 13 00-0056)*

26 22 13 00-0128 3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise *(26 22 13 00-0127)*

Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.

26 22 13 00-0129	EA	15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	2,857.58	460.21
26 22 13 00-0130	EA	30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	4,193.52	562.49
26 22 13 00-0131	EA	45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	6,002.12	664.76
26 22 13 00-0132	EA	75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	7,591.13	767.03
26 22 13 00-0133	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	11,184.21	920.43
26 22 13 00-0134	EA	150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	13,511.99	1,022.70
26 22 13 00-0135	EA	225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	15,798.60	1,278.38
26 22 13 00-0136	EA	300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	24,670.69	1,585.18

26 22 13 00-0137 3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise *(26 22 13 00-0127)*

Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.

26 22 13 00-0138	EA	15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	3,246.50	460.21
26 22 13 00-0139	EA	30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	4,807.60	562.49
26 22 13 00-0140	EA	45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	6,936.26	664.76
26 22 13 00-0141	EA	75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	8,800.69	767.03
26 22 13 00-0142	EA	112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	13,052.51	920.43
26 22 13 00-0143	EA	150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	15,806.42	1,022.70
26 22 13 00-0144	EA	225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	18,446.60	1,278.38
26 22 13 00-0145	EA	300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	28,971.12	1,585.18

26 22 13 00-0146 NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0056)*

26 22 13 00-0147 Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0146)*

Note: Two taps at 2.5%, four at -2.5%.

26 22 13 00-0148 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)*

26 22 13 00-0149	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,112.41	456.44
26 22 13 00-0150	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,796.69	557.87
26 22 13 00-0151	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,576.28	659.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0152	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,137.42	760.73
26 22 13 00-0153	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	8,205.27	912.88
26 22 13 00-0154	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	10,200.62	1,014.31
26 22 13 00-0155	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	13,520.11	1,267.89
26 22 13 00-0156	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	19,020.75	1,572.19
26 22 13 00-0157		115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)*		
26 22 13 00-0158	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,774.19	456.44
26 22 13 00-0159	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,598.31	557.87
26 22 13 00-0160	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,553.79	659.31
26 22 13 00-0161	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,522.43	760.73
26 22 13 00-0162	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,634.81	912.88
26 22 13 00-0163	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	12,652.22	1,014.31
26 22 13 00-0164	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	16,815.62	1,267.89
26 22 13 00-0165	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	23,783.66	1,572.19
26 22 13 00-0166		80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0147)*		
26 22 13 00-0167	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,433.30	456.44
26 22 13 00-0168	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,402.15	557.87
26 22 13 00-0169	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,531.32	659.31
26 22 13 00-0170	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	8,905.21	760.73
26 22 13 00-0171	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	11,438.44	912.88
26 22 13 00-0172	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	15,103.82	1,014.31
26 22 13 00-0173	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	20,111.14	1,267.89
26 22 13 00-0174	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	28,546.57	1,572.19
26 22 13 00-0175		Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0146)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0176		150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)*		
26 22 13 00-0177	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	4,212.85	456.44
26 22 13 00-0178	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,134.94	557.87
26 22 13 00-0179	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,203.99	659.31
26 22 13 00-0180	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	8,444.28	760.73
26 22 13 00-0181	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	11,465.15	912.88
26 22 13 00-0182	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	14,371.23	1,014.31
26 22 13 00-0183	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	19,124.71	1,267.89
26 22 13 00-0184	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	27,123.71	1,572.19
26 22 13 00-0185		115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)*		
26 22 13 00-0186	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	4,871.96	456.44
26 22 13 00-0187	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,938.79	557.87
26 22 13 00-0188	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,181.52	659.31
26 22 13 00-0189	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	9,829.29	760.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0190	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	14,974.44	912.88
26 22 13 00-0191	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	18,882.52	1,014.31
26 22 13 00-0192	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	24,103.62	1,267.89
26 22 13 00-0193	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	35,916.95	1,572.19
26 22 13 00-0194		80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0175)*		
26 22 13 00-0195	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,533.28	456.44
26 22 13 00-0196	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,742.62	557.87
26 22 13 00-0197	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	8,159.03	659.31
26 22 13 00-0198	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	11,212.07	760.73
26 22 13 00-0199	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	17,793.45	912.88
26 22 13 00-0200	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	22,972.98	1,014.31
26 22 13 00-0201	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	29,080.29	1,267.89
26 22 13 00-0202	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	42,939.96	1,572.19
26 22 13 00-0203		3 Phase Weathershields *(26 22 13 00-0056)* Note: Use with type DT-3 and DS-3.		
26 22 13 00-0204	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	511.74	
26 22 13 00-0205	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	869.02	
26 22 13 00-0206	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	869.02	
26 22 13 00-0207		Three Phase Mounting Brackets *(26 22 13 00-0056)*		
26 22 13 00-0208	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA	637.95	182.39
26 22 13 00-0209		Pad Mounted Commercial Type Distribution Transformers UL Listed *(26 22 13)*		
26 22 13 00-0210		Distribution 3 Phase Oil Filled Transformer *(26 22 13 00-0209)* Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.		
26 22 13 00-0211		Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 95 KV BIL *(26 22 13 00-0210)* Note: Rated to 5 KVA.		
26 22 13 00-0212	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	13,999.59	1,217.17
26 22 13 00-0213	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	15,883.52	1,217.17
26 22 13 00-0214	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,665.08	2,099.63
26 22 13 00-0215	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	22,140.56	2,099.63
26 22 13 00-0216	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	25,677.96	3,144.37
26 22 13 00-0217	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	34,796.09	4,158.68
26 22 13 00-0218	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	45,639.33	5,274.43
26 22 13 00-0219	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	53,454.09	6,390.18
26 22 13 00-0220		Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL *(26 22 13 00-0210)* Note: Rated to 5 KVA.		
26 22 13 00-0221	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	13,999.59	1,217.17
26 22 13 00-0222	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	15,883.52	1,217.17
26 22 13 00-0223	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,665.08	2,099.63
26 22 13 00-0224	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	22,229.68	2,099.63
26 22 13 00-0225	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	25,912.38	3,144.37
26 22 13 00-0226	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	34,851.56	4,158.68
26 22 13 00-0227	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	50,325.83	5,274.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0228	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	54,455.71	6,390.18

26 22 13 00-0229 Factory Modifications *(26 22 13 00-0210)*

Note: For use with series 4100 3 phase transformers.

26 22 13 00-0230	EA	Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification	937.69	
26 22 13 00-0231	EA	Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification	152.48	
26 22 13 00-0232	EA	Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification	609.91	
26 22 13 00-0233	EA	Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification	1,757.19	
26 22 13 00-0234	EA	Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification	215.26	
26 22 13 00-0235	EA	Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification	170.42	

26 22 13 00-0236 Accessories For Transformer Liquid Containment Area *(26 22 13 00-0210)*

Note: Reinforced concrete curb with 6" slab.

26 22 13 00-0237	EA	Containment Area For 75 KVA	4,835.34	1,784.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,189.60*	
26 22 13 00-0238	EA	Containment Area For 112.5 KVA	4,835.34	1,784.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,189.60*	
26 22 13 00-0239	EA	Containment Area For 150 KVA	4,835.34	1,784.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,189.60*	
26 22 13 00-0240	EA	Containment Area For 225 KVA	4,835.34	1,784.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,189.60*	
26 22 13 00-0241	EA	Containment Area For 300 KVA	4,828.95	1,784.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,187.68*	
26 22 13 00-0242	EA	Containment Area For 500 KVA	4,828.95	1,784.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,187.68*	
26 22 13 00-0243	EA	Containment Area For 750 KVA	4,854.07	1,784.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,187.68*	
26 22 13 00-0244	EA	Containment Area For 1,000 KVA	5,218.22	1,784.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,187.68*	

26 22 13 00-0245 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL *(26 22 13 00-0210)*

Note: Rated to 5 KVA.

26 22 13 00-0246	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	6,667.11	1,217.17
26 22 13 00-0247	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	7,205.27	1,217.17
26 22 13 00-0248	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	7,564.04	1,217.17
26 22 13 00-0249	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	8,640.36	1,217.17
26 22 13 00-0250	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	9,637.08	1,825.77
26 22 13 00-0251	EA	300 KVA, Primary4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	9,995.86	1,825.77
26 22 13 00-0252	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	14,301.12	1,825.77
26 22 13 00-0253	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,357.02	2,434.35
26 22 13 00-0254	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	23,021.06	2,434.35

26 22 13 00-0255 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL *(26 22 13 00-0210)*

Note: Rated to 5 KVA.

26 22 13 00-0256	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	6,846.50	1,217.17
26 22 13 00-0257	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	7,564.04	1,217.17
26 22 13 00-0258	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	7,743.43	1,217.17
26 22 13 00-0259	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	7,922.81	1,217.17
26 22 13 00-0260	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	9,637.08	1,825.77
26 22 13 00-0261	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	10,354.63	1,825.77
26 22 13 00-0262	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	14,301.12	1,825.77
26 22 13 00-0263	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,536.41	2,434.35
26 22 13 00-0264	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	23,021.06	2,434.35

26 22 13 00-0265 Primary 5 KV Or 15 KV, Secondary 277/480 Volt *(26 22 13 00-0209)*

Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.

26 22 13 00-0266	EA	150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	11,369.14	1,602.30
26 22 13 00-0267	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	12,626.39	1,891.56
26 22 13 00-0268	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	14,460.77	2,311.90
26 22 13 00-0269	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	17,005.92	2,601.15
26 22 13 00-0270	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	20,208.43	2,737.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0271	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	25,487.08	4,000.56
26 22 13 00-0272	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	29,670.13	4,526.00
26 22 13 00-0273	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	36,496.79	5,202.30
26 22 13 00-0274	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	39,891.38	5,462.41
26 22 13 00-0275	EA	3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	42,620.19	6,086.89
26 22 13 00-0276	EA	3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	48,239.09	6,503.08

26 22 13 00-0277 Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled *(26 22 13 00-0209)*

26 22 13 00-0278	EA	1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	42,641.72	4,520.29
26 22 13 00-0279	EA	2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	52,122.66	5,198.35
26 22 13 00-0280	EA	2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	58,845.89	5,471.92
26 22 13 00-0281	EA	3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	62,793.13	6,115.70
26 22 13 00-0282	EA	3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	69,866.47	6,301.02

26 22 13 00-0283 Silicone Filled Distribution Transformers, 3 Phase *(26 22 13 00-0209)*

Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.

26 22 13 00-0284	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	18,311.61	1,891.56
26 22 13 00-0285	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	20,077.31	2,311.90
26 22 13 00-0286	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	23,374.71	2,601.15
26 22 13 00-0287	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	27,705.61	2,737.97
26 22 13 00-0288	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	34,290.13	4,000.56
26 22 13 00-0289	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	42,716.23	4,526.00
26 22 13 00-0290	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	51,567.22	5,202.30
26 22 13 00-0291	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	58,252.15	5,462.41

26 22 13 00-0292 Foam Core Poly Transformer Pads *(26 22 13)*

26 22 13 00-0293	EA	Single Phase Foam Core Poly Pads Note: Excludes site prep.	168.34	33.59

26 24 Switchboards And Panelboards *(26 20)*

26 24 13 Switchboards *(26 24)*

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire *(26 24 13)*

26 24 13 00-0002 Incoming Service Section Main Device Only *(26 24 13 00-0001)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0003	EA	400 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	3,696.77	872.53
26 24 13 00-0004	EA	600 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	4,101.19	922.91
26 24 13 00-0005	EA	800 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	6,723.27	1,046.90
26 24 13 00-0006	EA	1,200 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	7,243.58	1,122.31
26 24 13 00-0007	EA	1,600 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	11,757.95	1,196.62
26 24 13 00-0008	EA	2,000 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	13,125.71	1,272.34
26 24 13 00-0009	EA	400 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	4,516.83	872.53
26 24 13 00-0010	EA	600 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	5,829.48	922.91
26 24 13 00-0011	EA	800 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	8,178.76	1,047.79
26 24 13 00-0012	EA	1,200 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	11,257.41	1,122.31
26 24 13 00-0013	EA	1,600 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	11,757.95	1,197.82
26 24 13 00-0014	EA	2,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	13,125.71	1,272.34
26 24 13 00-0015	EA	2,500 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	15,820.20	1,330.19
26 24 13 00-0016	EA	3,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	17,950.01	1,425.05
26 24 13 00-0017	EA	4,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	21,222.32	1,536.18
26 24 13 00-0018	EA	400 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	2,468.81	773.08
26 24 13 00-0019	EA	600 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	2,735.18	823.05
26 24 13 00-0020	EA	800 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,131.81	947.44
26 24 13 00-0021	EA	1,000 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,383.13	987.25
26 24 13 00-0022	EA	1,200 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,609.37	1,022.85
26 24 13 00-0023	EA	1,600 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,960.75	1,096.67
26 24 13 00-0024	EA	2,000 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	4,283.86	1,171.88

26 24 13 00-0025 Branch Breaker Units *(26 24 13 00-0001)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0026	EA	15 - 60 Amp MC Branch Breaker, 240 Volt	326.99	30.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.25*	
26 24 13 00-0027	EA	70 - 100 Amp MC Branch Breaker, 240 Volt	478.35	47.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.73*	
26 24 13 00-0028	EA	125 - 225 Amp MC Branch Breaker, 240 Volt	1,294.04	87.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.37*	
26 24 13 00-0029	EA	100 - 400 Amp MC Branch Breaker, 240 Volt	2,306.71	113.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.23*	
26 24 13 00-0030	EA	300 - 600 Amp MC Branch Breaker, 240 Volt	4,091.63	279.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.56*	
26 24 13 00-0031	EA	400 - 800 Amp MC Branch Breaker, 240 Volt	6,588.42	279.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.56*	
26 24 13 00-0032	EA	600 - 1,200 Amp MC Branch Breaker, 240 Volt	10,671.64	497.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.66*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0033		Fusible Switch Type 480 Volt, 3 Phase, 3 Wire *(26 24 13)*		
26 24 13 00-0034		Incoming Service Section Main Device Only *(26 24 13 00-0033)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0035	EA	400 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	5,242.62	1,132.19
26 24 13 00-0036	EA	600 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	5,869.64	1,132.19
26 24 13 00-0037	EA	800 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	8,803.38	1,471.34
26 24 13 00-0038	EA	1,200 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	9,995.50	1,471.34
26 24 13 00-0039		Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire *(26 24 13)*		
26 24 13 00-0040		Incoming Service Section Main Device Only *(26 24 13 00-0039)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0041	EA	200/400 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	3,329.24	773.08
26 24 13 00-0042	EA	600 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	3,715.37	823.05
26 24 13 00-0043	EA	800 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	5,762.44	947.44
26 24 13 00-0044	EA	1,200 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	6,262.53	1,022.06
26 24 13 00-0045	EA	200/400 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire	4,107.72	773.08
26 24 13 00-0046	EA	600 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire	5,222.43	823.05
26 24 13 00-0047	EA	800 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire	7,379.28	947.44
26 24 13 00-0048	EA	1,200 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire	10,672.26	1,022.06
26 24 13 00-0049	EA	2,000 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire	12,540.88	1,147.14
26 24 13 00-0050	EA	200/400 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	2,301.34	673.22
26 24 13 00-0051	EA	600 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	2,585.96	723.29
26 24 13 00-0052	EA	800 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	3,036.02	847.69
26 24 13 00-0053	EA	1,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	3,273.68	887.49
26 24 13 00-0054	EA	1,200 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	3,504.31	922.91
26 24 13 00-0055	EA	1,600 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	3,805.93	987.25
26 24 13 00-0056	EA	2,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	4,101.61	1,046.90
26 24 13 00-0057	EA	2,500 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	5,092.22	1,296.77
26 24 13 00-0058	EA	3,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	5,706.28	1,421.46
26 24 13 00-0059	EA	4,000 Amp Distribution Switchboard With Main Lug, 120 / 240 Volt, 1 Phase, 3 Wire	6,745.41	1,533.68
26 24 13 00-0060		Branch Breaker Units *(26 24 13 00-0039)*		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0061	EA	15 - 60 Amp MC Branch Breaker, 120 / 240 Volt	173.63	26.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.86*	
26 24 13 00-0062	EA	70 - 100 Amp MC Branch Breaker, 120 / 240 Volt	275.41	43.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.33*	
26 24 13 00-0063	EA	125 - 225 Amp MC Branch Breaker, 120 / 240 Volt	854.61	61.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.81*	
26 24 13 00-0064	EA	100 - 400 Amp MC Branch Breaker, 120 / 240 Volt	2,478.07	78.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.28*	
26 24 13 00-0065	EA	300 - 600 Amp MC Branch Breaker, 120 / 240 Volt	3,888.84	192.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.20*	
26 24 13 00-0066	EA	400 - 800 Amp MC Branch Breaker, 120 / 240 Volt	5,545.61	192.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.20*	
26 24 13 00-0067	EA	600 - 1,200 Amp MC Branch Breaker, 120 / 240 Volt	9,133.53	366.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*219.98*	
26 24 13 00-0068		Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire *(26 24 13)*		
26 24 13 00-0069		Incoming Service Section Main Device Only *(26 24 13 00-0068)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0070	EA	400 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	3,697.99	872.53
26 24 13 00-0071	EA	600 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	4,099.82	922.91
26 24 13 00-0072	EA	800 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	6,721.50	1,046.90
26 24 13 00-0073	EA	1,200 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	7,241.55	1,122.31
26 24 13 00-0074	EA	1,600 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	11,753.34	1,196.62
26 24 13 00-0075	EA	2,000 Amp Distribution Switchboard With Main Switch, 120 / 208 Volt, 3 Phase, 4 Wire	13,125.70	1,272.34
26 24 13 00-0076	EA	400 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	4,518.05	872.53
26 24 13 00-0077	EA	600 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	5,828.11	922.91
26 24 13 00-0078	EA	800 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	8,178.76	1,047.79
26 24 13 00-0079	EA	1,200 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	11,255.38	1,122.31
26 24 13 00-0080	EA	1,600 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	11,755.64	1,197.82
26 24 13 00-0081	EA	2,000 Amp Distribution Switchboard With MC Main Breaker, 120 / 208 Volt, 3 Phase, 4 Wire	13,125.70	1,272.34
26 24 13 00-0082	EA	400 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	2,599.00	773.08
26 24 13 00-0083	EA	600 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	2,915.26	823.05
26 24 13 00-0084	EA	800 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	3,402.04	947.44
26 24 13 00-0085	EA	1,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	3,667.86	987.25
26 24 13 00-0086	EA	1,200 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	3,925.43	1,022.85
26 24 13 00-0087	EA	1,600 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	4,264.27	1,096.67
26 24 13 00-0088	EA	2,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	4,607.71	1,171.88
26 24 13 00-0089	EA	2,500 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	5,483.20	1,331.69
26 24 13 00-0090	EA	3,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	6,078.00	1,424.95
26 24 13 00-0091	EA	4,000 Amp Distribution Switchboard With Main Lug, 120 / 208 Volt, 3 Phase, 4 Wire	7,210.94	1,531.19
26 24 13 00-0092		Branch Breaker Units *(26 24 13 00-0068)*		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0093	EA	15 - 60 Amp MC Branch Breaker, 120/208 Volt	326.99	30.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0094	EA	70 - 100 Amp MC Branch Breaker, 120/208 Volt	478.35	47.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.73*	
26 24 13 00-0095	EA	125 - 225 Amp MC Branch Breaker, 120/208 Volt	1,294.04	87.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.37*	
26 24 13 00-0096	EA	100 - 400 Amp MC Branch Breaker, 120/208 Volt	2,306.71	113.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.23*	
26 24 13 00-0097	EA	300 - 600 Amp MC Branch Breaker, 120/208 Volt	4,091.63	279.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.56*	
26 24 13 00-0098	EA	400 - 800 Amp MC Branch Breaker, 120/208 Volt	6,588.42	279.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.56*	
26 24 13 00-0099	EA	600 - 1,200 Amp MC Branch Breaker, 120/208 Volt	10,671.64	497.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.66*	

26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0101 Incoming Service Section Main Device Only *(26 24 13 00-0100)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0102	EA	400 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire	4,778.62	1,196.62
26 24 13 00-0103	EA	600 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire	5,254.39	1,272.34
26 24 13 00-0104	EA	800 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire	7,562.76	1,420.16
26 24 13 00-0105	EA	1,200 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire	8,274.32	1,520.62
26 24 13 00-0106	EA	400 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	6,170.90	1,196.62
26 24 13 00-0107	EA	600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	8,374.97	1,272.34
26 24 13 00-0108	EA	800 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	9,493.91	1,421.76
26 24 13 00-0109	EA	1,200 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	12,051.95	1,520.62
26 24 13 00-0110	EA	1,600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	12,602.97	1,621.47
26 24 13 00-0111	EA	2,000 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire	14,025.48	1,722.21
26 24 13 00-0112	EA	400 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	2,599.00	773.08
26 24 13 00-0113	EA	600 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	2,915.26	823.05
26 24 13 00-0114	EA	800 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	3,402.04	947.44
26 24 13 00-0115	EA	1,000 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	3,667.86	987.25
26 24 13 00-0116	EA	1,200 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	3,925.43	1,022.85
26 24 13 00-0117	EA	1,600 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	4,264.27	1,096.67
26 24 13 00-0118	EA	2,000 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire	4,607.71	1,171.88

26 24 13 00-0119 Branch Breaker Units *(26 24 13 00-0100)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0120	EA	15 - 60 Amp MC Branch Breaker, 480 / 277 Volt	684.62	30.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.25*	
26 24 13 00-0121	EA	70 - 100 Amp MC Branch Breaker, 480 / 277 Volt	786.08	47.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.73*	
26 24 13 00-0122	EA	125 - 225 Amp MC Branch Breaker, 480 / 277 Volt	1,425.45	87.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.37*	
26 24 13 00-0123	EA	100 - 400 Amp MC Branch Breaker, 480 / 277 Volt	2,306.71	113.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*68.23*	
26 24 13 00-0124	EA	300 - 600 Amp MC Branch Breaker, 480 / 277 Volt	5,525.50	279.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.56*	
26 24 13 00-0125	EA	400 - 800 Amp MC Branch Breaker, 480 / 277 Volt	5,653.58	279.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.56*	
26 24 13 00-0126	EA	600 - 1,200 Amp MC Branch Breaker, 480 / 277 Volt	9,059.79	497.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*298.66*	

26 24 13 00-0127 Fusible Branch Circuit Switch *(26 24 13)*

Note: Includes switch fuses, and portion of distribution section occupied by that branch device.

26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0129	EA	30/30 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit	694.18	78.31
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0130	EA	30/60 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit	691.69	78.31
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0131	EA	60/60 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit	691.69	78.31
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0132	EA	60/100 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit	1,090.28	103.24
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0133	EA	100/100 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit	1,090.28	103.24
		For Electrical Interlock Kit, Add	*290.80*	

26 24 13 00-0134 240 Volt, 2 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0135	EA	100 Amp, 240 Volt, 2 Pole Single Branch Switch Unit	797.12	76.81
		For Electrical Interlock Kit, Add	*278.58*	
26 24 13 00-0136	EA	200 Amp, 240 Volt, 2 Pole Single Branch Switch Unit	1,170.68	76.81
		For Electrical Interlock Kit, Add	*278.58*	
26 24 13 00-0137	EA	400 Amp, 240 Volt, 2 Pole Single Branch Switch Unit	3,006.71	206.98

26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0139	EA	30/30 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit	892.45	88.28
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0140	EA	30/60 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit	889.97	88.28
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0141	EA	60/60 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit	889.97	88.28
		For Electrical Interlock Kit, Add	*290.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0142	EA	60/100 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit	1,344.18	118.21
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0143	EA	100/100 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit	1,344.18	118.21
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0144		**240 Volt, 3 Pole Single Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0145	EA	100 Amp, 240 Volt, 3 Pole Single Branch Switch Unit	966.92	86.78
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0146	EA	200 Amp, 240 Volt, 3 Pole Single Branch Switch Unit	1,575.88	86.78
		For Electrical Interlock Kit, Add	*278.58*	
26 24 13 00-0147	EA	400 Amp, 240 Volt, 3 Pole Single Branch Switch Unit	4,037.81	231.72
26 24 13 00-0148	EA	600 Amp, 240 Volt, 3 Pole Single Branch Switch Unit	5,774.34	296.86
26 24 13 00-0149	EA	800 Amp, 240 Volt, 3 Pole Single Branch Switch Unit	10,783.59	402.20
26 24 13 00-0150		**600 Volt, 3 Pole Twin Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0151	EA	30/30 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	1,269.55	88.28
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0152	EA	30/60 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	1,267.03	88.28
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0153	EA	60/60 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	1,269.55	88.28
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0154	EA	60/100 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	1,913.15	118.21
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0155	EA	100/100 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	1,955.26	118.21
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0156	EA	200/200 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit	4,186.47	154.62
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0157		**600 Volt, 3 Pole, Single Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0158	EA	100 Amp, 600 Volt, 3 Pole Single Branch Switch Unit	1,373.06	86.78
		For Electrical Interlock Kit, Add	*290.80*	
26 24 13 00-0159	EA	200 Amp, 600 Volt, 3 Pole Single Branch Switch Unit	2,091.50	86.78
		For Electrical Interlock Kit, Add	*278.58*	
26 24 13 00-0160	EA	400 Amp, 600 Volt, 3 Pole Single Branch Switch Unit	5,083.70	231.72
		For Electrical Interlock Kit, Add	*278.58*	
26 24 13 00-0161	EA	600 Amp, 600 Volt, 3 Pole Single Branch Switch Unit	6,170.22	296.86
26 24 13 00-0162	EA	800 Amp, 600 Volt, 3 Pole Single Branch Switch Unit	10,783.59	402.20
26 24 13 00-0163		**Service And Distribution Structures** *(26 24 13)*		
26 24 13 00-0164		**Distribution Section 600 Volts, 250 Volts DC** *(26 24 13 00-0163)*		
26 24 13 00-0165		**600 Amp Main Bus, 4 Wire** *(26 24 13 00-0164)*		
26 24 13 00-0166	EA	14 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	2,399.43	917.72
26 24 13 00-0167	EA	24 - 30 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	2,877.38	917.72
26 24 13 00-0168	EA	34 - 38 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,204.02	1,167.09
26 24 13 00-0169	EA	42 - 48 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,526.28	1,167.09
26 24 13 00-0170		**800 Amp Main Bus, 4 Wire** *(26 24 13 00-0164)*		
26 24 13 00-0171	EA	14 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	2,692.70	1,062.36
26 24 13 00-0172	EA	24 - 30 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,157.91	1,062.36
26 24 13 00-0173	EA	34 - 38 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,526.28	1,316.72
26 24 13 00-0174	EA	42 - 48 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,815.78	1,316.72
26 24 13 00-0175		**1,200 Amp Main Bus, 4 Wire** *(26 24 13 00-0164)*		
26 24 13 00-0176	EA	14 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,146.61	1,296.77
26 24 13 00-0177	EA	24 - 30 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,622.71	1,296.77
26 24 13 00-0178	EA	34 - 38 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,013.70	1,596.03
26 24 13 00-0179	EA	42 - 48 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,437.82	1,596.03
26 24 13 00-0180		**1,600 Amp Main Bus, 4 Wire** *(26 24 13 00-0164)*		
26 24 13 00-0181	EA	14 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	3,927.40	1,421.46
26 24 13 00-0182	EA	24 - 30 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,490.68	1,421.46
26 24 13 00-0183	EA	34 - 38 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,953.82	1,755.63
26 24 13 00-0184	EA	42 - 48 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	5,323.28	1,755.63
26 24 13 00-0185		**2,000 Amp Main Bus, 4 Wire** *(26 24 13 00-0164)*		
26 24 13 00-0186	EA	14 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,112.33	1,426.45
26 24 13 00-0187	EA	24 - 30 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,719.04	1,606.01
26 24 13 00-0188	EA	34 - 38 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	4,825.93	1,606.01
26 24 13 00-0189	EA	42 - 48 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	5,021.69	1,695.78
26 24 13 00-0190		**3,000 Amp Main Bus, 4 Wire** *(26 24 13 00-0164)*		
26 24 13 00-0191	EA	24 - 30 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	5,735.23	1,606.01
26 24 13 00-0192	EA	34 - 38 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	5,840.52	1,606.01
26 24 13 00-0193	EA	42 - 48 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	6,036.28	1,695.78

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0194		**4,000 Amp Main Bus, 4 Wire** *(26 24 13 00-0164)*		
26 24 13 00-0195	EA	24 - 30 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	5,863.12	1,695.78
26 24 13 00-0196	EA	34 - 38 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	6,036.28	1,695.78
26 24 13 00-0197	EA	42 - 48 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC	6,106.96	1,695.78
26 24 13 00-0198		**Pull Boy, Horizontal Mounted Across Top Of Switch Board** *(26 24 13 00-0164)*		
26 24 13 00-0199	EA	18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard	525.36	119.70
26 24 13 00-0200	EA	Drilled Bottom	592.02	119.70
26 24 13 00-0201	EA	Cable Supports In Pull Box	214.94	29.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.62*	
26 24 13 00-0202		**Underground Pull Sections** *(26 24 13 00-0164)*		
		Note: Excludes no bus or terminal.		
26 24 13 00-0203	EA	12 - 20" Wide, 15 - 20" Deep Underground Pull Section Without Bus Or Terminal	505.87	139.65
26 24 13 00-0204	EA	24 - 28" Wide, 20" Deep Underground Pull Section Without Bus Or Terminal	883.02	179.55
26 24 13 00-0205	EA	24 - 28" Wide, 30" Deep Underground Pull Section Without Bus Or Terminal	883.02	179.55
26 24 13 00-0206	EA	14 - 20" Wide, 36" Deep Underground Pull Section Without Bus Or Terminal	658.55	139.65
26 24 13 00-0207	EA	28 - 30" Wide, 36" Deep Underground Pull Section Without Bus Or Terminal	947.28	204.49
26 24 13 00-0208	EA	14 - 20" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal	1,079.21	204.49
26 24 13 00-0209	EA	26 - 30" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal	1,128.74	264.34
26 24 13 00-0210	EA	38" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal	1,189.10	264.34
26 24 13 00-0211		**Switchboard Sections** *(26 24 13 00-0163)*		
26 24 13 00-0212	EA	600 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire	4,105.11	831.24
26 24 13 00-0213	EA	800 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire	4,497.48	903.55
26 24 13 00-0214	EA	1,200 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire	5,636.63	1,154.53
26 24 13 00-0215	EA	1,600 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire	6,165.16	1,259.46
26 24 13 00-0216	EA	2,000 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire	6,575.48	1,340.76
26 24 13 00-0217	EA	400 Amp Switchboard Incoming For Switch Circuit Section 480 Volt	4,927.54	729.19
26 24 13 00-0218	EA	Distribution Section Subfeeder Lug-Rated At 200 Amp	2,758.95	692.68
26 24 13 00-0219	EA	Distribution Section Subfeeder Lug-Rated At 400 Amp	3,059.86	751.13
26 24 13 00-0220	EA	Distribution Section Aluminum Bus 120/208 Or 277/480 Volt, 4 Wire	4,625.81	831.24
26 24 13 00-0221	EA	800 Amp Switchboard Distribution Section Aluminum Bus Less Breaker	4,995.30	833.43
26 24 13 00-0222	EA	1,000 Amp Switchboard Distribution Section Aluminum Bus Less Breaker	5,497.35	930.48
26 24 13 00-0223	EA	15 To 60 Amp, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame	152.52	49.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.46*	
26 24 13 00-0224	EA	70 To 100 Amp, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame	186.49	50.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.99*	
26 24 13 00-0225	EA	70 To 225 Amp, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame	888.52	59.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.53*	
26 24 13 00-0226	EA	125 To 400 Amp, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame	1,478.49	129.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*107.96*	
26 24 13 00-0227	EA	100 Amp, Switchboard Feed Section Branch Circuit Breaker, 240 Volt HIC 3 Phase	583.05	179.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.35*	
26 24 13 00-0228	EA	225 Amp, Switchboard Feed Section Branch Circuit Breaker, 240 Volt HIC 3 Phase	1,674.41	103.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.53*	
26 24 13 00-0229		**Switchboard, Structure Per Section Copper, 480 Volt** *(26 24 13 00-0163)*		
26 24 13 00-0230	EA	225 Amp Switchboard, Structure Per Section, Copper, 480 Volt	2,127.72	432.92
26 24 13 00-0231	EA	400 Amp Switchboard, Structure Per Section, Copper, 480 Volt	3,031.79	585.44
26 24 13 00-0232	EA	600 Amp Switchboard, Structure Per Section, Copper, 480 Volt	3,391.82	712.52
26 24 13 00-0233	EA	800 Amp Switchboard, Structure Per Section, Copper, 480 Volt	4,260.76	997.51
26 24 13 00-0234	EA	1,200 Amp Switchboard, Structure Per Section, Copper, 480 Volt	5,278.01	1,246.90
26 24 13 00-0235	EA	1,600 Amp Switchboard, Structure Per Section, Copper, 480 Volt	5,838.82	1,246.90
26 24 13 00-0236	EA	2,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt	7,187.23	1,662.56
26 24 13 00-0237	EA	2,500 Amp Switchboard, Structure Per Section, Copper, 480 Volt	8,262.56	1,662.56
26 24 13 00-0238	EA	3,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt	9,711.99	1,979.17
26 24 13 00-0239	EA	4,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt	11,690.70	1,979.17
26 24 13 00-0240		**Main Devices** *(26 24 13)*		
26 24 13 00-0241		**Power Circuit Breakers** *(26 24 13 00-0240)*		
26 24 13 00-0242		**DSL Breaker With Current Limiters And Amptector** *(26 24 13 00-0241)*		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0243	EA	50 - 800 Amp DSL-206, Main Breaker With Current Limiter, Amptector Static Trip	7,549.36	1,047.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*627.11*	
26 24 13 00-0244	EA	50 - 1,600 Amp DSL-416, Main Breaker With Current Limiter, Amptector Static Trip	13,804.42	1,745.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,046.35*	
26 24 13 00-0245	EA	1,200 - 3,200 Amp DSL-632, Main Breaker With Current Limiter, Amptector Static Trip	31,270.30	2,932.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,743.91*	
26 24 13 00-0246	EA	4,000 Amp DSL-840, Main Breaker With Current Limiter, Amptector Static Trip	50,348.34	4,748.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,899.76*	
26 24 13 00-0247	EA	Ground-Fault Trip All Power Breakers - Factory Installed	2,692.81	
26 24 13 00-0248	EA	Key Interlock All Power Breakers - Factory Installed	347.77	
26 24 13 00-0249	EA	Short Time Delay Selective Trip - Factory Installed	456.25	
26 24 13 00-0250	EA	Shunt Trip Manually Open Breakers - Factory Installed	328.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0251		**DSL Breaker Electrical Operated And Amptector** *(26 24 13 00-0241)* Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0252	EA	50 - 800 Amp DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip	8,866.77	1,097.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*661.48*	
26 24 13 00-0253	EA	50 - 1,600 Amp DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip	16,508.25	1,845.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,101.82*	
26 24 13 00-0254	EA	1,200 - 3,200 Amp DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip	35,166.83	3,042.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,833.67*	
26 24 13 00-0255	EA	4,000 Amp DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip	54,243.42	4,987.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,066.14*	
26 24 13 00-0256		**DS Breakers With Amptector Static Trip, Manually Operated** *(26 24 13 00-0241)* Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.		
26 24 13 00-0257	EA	50 - 800 Amp DS-206, Main Breaker With Groundfault, Amptector Static Trip	5,986.23	957.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*575.49*	
26 24 13 00-0258	EA	50 - 1,600 Amp DS-416, Main Breaker With Groundfault, Amptector Static Trip	10,980.46	1,606.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*959.15*	
26 24 13 00-0259	EA	2,000 Amp DS-420, Main Breaker With Groundfault, Amptector Static Trip	16,222.69	2,693.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,598.59*	
26 24 13 00-0260	EA	1,200 - 3,200 AMP DS-632, Main Breaker With Groundfault, Amptector Static Trip	28,025.87	4,339.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,662.41*	
26 24 13 00-0261	EA	4,000 Amp DS-840, Main Breaker With Groundfault, Amptector Static Trip	45,579.91	7,082.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4,426.85*	
26 24 13 00-0262		**DS Breakers With Amptector Static Trip, Electrically Operated** *(26 24 13 00-0241)* Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.		
26 24 13 00-0263	EA	50 - 800 Amp DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	7,100.39	917.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*548.89*	
26 24 13 00-0264	EA	50 - 1,600 Amp DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	13,283.88	1,536.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*914.60*	
26 24 13 00-0265	EA	2,000 Amp DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	18,850.14	2,553.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,526.81*	
26 24 13 00-0266	EA	1,200 - 3,200 Amp DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	31,103.16	4,159.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,544.68*	
26 24 13 00-0267	EA	4,000 Amp DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	48,558.44	7,132.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4,250.78*	
26 24 13 00-0268		**Molded Case Circuit Breakers Conventional** *(26 24 13 00-0241)*		
26 24 13 00-0269	EA	70 - 225 Amp 3 Pole Molded Case Circuit Breaker Conventional	2,471.94	837.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*482.67*	
26 24 13 00-0270	EA	125 - 400 Amp 3 Pole Molded Case Circuit Breaker Conventional	3,669.14	837.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*525.01*	
26 24 13 00-0271	EA	300 - 600 Amp 3 Pole Molded Case Circuit Breaker Conventional	4,071.91	997.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*575.49*	
26 24 13 00-0272	EA	400 - 800 Amp 3 Pole Molded Case Circuit Breaker Conventional	4,858.71	997.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*623.45*	
26 24 13 00-0273	EA	600 - 1,200 Amp 3 Pole Molded Case Circuit Breaker Conventional	7,283.38	1,197.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*683.23*	
26 24 13 00-0274	EA	1,000 - 2,000 Amp 3 Pole Molded Case Circuit Breaker Conventional	11,875.22	1,197.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*755.69*	
26 24 13 00-0275	EA	Shunt Trip, Factory Installed	344.58	
26 24 13 00-0276	EA	Groundfault Trip Complete Interrupting Circuit, Factory Installed	79.76	
26 24 13 00-0277		**Switchboard Branch Breaker 480 Volt** *(26 24 13 00-0240)*		
26 24 13 00-0278	EA	60 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	532.11	72.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.37*	
26 24 13 00-0279	EA	100 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	625.66	95.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.55*	
26 24 13 00-0280	EA	225 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	1,833.84	144.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*86.69*	
26 24 13 00-0281	EA	400 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	2,425.83	181.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.74*	
26 24 13 00-0282	EA	600 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	2,931.73	243.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*145.84*	
26 24 13 00-0283	EA	800 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	3,537.28	311.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*187.04*	
26 24 13 00-0284	EA	1,000 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	5,694.42	475.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*285.01*	
26 24 13 00-0285	EA	1,200 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	5,694.42	475.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*285.01*	
26 24 13 00-0286	EA	1,600 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	7,986.99	665.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*399.01*	
26 24 13 00-0287	EA	2,000 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker	9,934.99	997.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*598.51*	
26 24 13 00-0288		**Switchboard 277/480 Volt Main Breaker** *(26 24 13 00-0240)*		
26 24 13 00-0289	EA	400 Amp, Switchboard 277/480 Volt Main Breaker	6,487.23	432.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.77*	
26 24 13 00-0290	EA	600 Amp, Switchboard 277/480 Volt Main Breaker	6,569.54	474.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*284.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0291	EA	800 Amp, Switchboard 277/480 Volt Main Breaker	7,046.35	712.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*427.51*	
26 24 13 00-0292	EA	1,200 Amp, Switchboard 277/480 Volt Main Breaker	12,093.58	997.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*598.51*	
26 24 13 00-0293	EA	1,600 Amp, Switchboard 277/480 Volt Main Breaker	12,305.44	1,103.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*662.07*	
26 24 13 00-0294	EA	2,000 Amp, Switchboard 277/480 Volt Main Breaker	16,148.08	1,979.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,187.52*	

26 24 13 00-0295 Branch Or Distribution Devices *(26 24 13)*

26 24 13 00-0296 3 Pole, Panel Mounted, Molded Case Circuit Breakers *(26 24 13 00-0295)*

Note: Includes certified refurbished circuit breakers.

26 24 13 00-0297	EA	15 - 60 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	391.97	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 24 13 00-0298	EA	70 - 100 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	401.01	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 24 13 00-0299	EA	125 - 150 Amp, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	932.66	53.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	
26 24 13 00-0300	EA	70 - 225 Amp, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,347.35	69.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.39*	
26 24 13 00-0301	EA	125 - 400 Amp, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,892.50	86.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.46*	
26 24 13 00-0302	EA	300 - 600 Amp, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,471.62	100.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*67.33*	
26 24 13 00-0303	EA	900 - 1,000 Amp, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	3,749.08	113.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.01*	

26 24 13 00-0304 2 Pole, Panel Mounted, Molded Case Circuit Breakers *(26 24 13 00-0295)*

Note: Includes certified refurbished circuit breakers.

26 24 13 00-0305	EA	15 - 60 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	271.39	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 24 13 00-0306	EA	70 - 100 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	349.47	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 24 13 00-0307	EA	125 - 150 Amp, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	924.13	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 24 13 00-0308	EA	70 - 225 Amp, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,451.20	49.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.92*	
26 24 13 00-0309	EA	125 - 400 Amp, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,541.24	64.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.39*	
26 24 13 00-0310	EA	900 - 1,000 Amp, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	3,461.29	94.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.84*	

26 24 13 00-0311 Meter Devices And Instrumentation *(26 24 13)*

Note: Factory installed accessories.

26 24 13 00-0312 Instrument Transformers And Metering Compartments *(26 24 13 00-0311)*

26 24 13 00-0313	EA	800 Amp And Below Primary Current Transformer, With Compartment	416.36
26 24 13 00-0314	EA	1,000 - 1,500 Amp Primary Current Transformer, With Compartment	601.42
26 24 13 00-0315	EA	2,000 - 6,000 Amp Primary Current Transformer, With Compartment	708.30
26 24 13 00-0316	EA	Potential Transformer With 200 VA Max	510.49
26 24 13 00-0317	EA	5 To 800 Amp, Three Current Transformers	1,695.21
26 24 13 00-0318	EA	1,000 To 1,500 Amp, Three Current Transformers	3,027.34
26 24 13 00-0319	EA	2,000 To 4,000 Amp, Three Current Transformers	3,939.34

26 24 13 00-0320 Instruments *(26 24 13 00-0311)*

26 24 13 00-0321	EA	AC Voltmeter	567.91
26 24 13 00-0322	EA	AC Ammeter	567.91
26 24 13 00-0323	EA	AC Wattmeter	1,517.10
26 24 13 00-0324	EA	Variometer	1,713.32
26 24 13 00-0325	EA	Power Factor Meter	1,368.74
26 24 13 00-0326	EA	Frequency Meter	1,510.72
26 24 13 00-0327	EA	AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block	1,922.30
26 24 13 00-0328	EA	AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2	3,216.06
26 24 13 00-0329	EA	Weatherproof, Modify Meter	3,040.63
26 24 13 00-0330	EA	Control Switch Resistor Type 130 V	69.70
26 24 13 00-0331	EA	Metering Instrument Volt, Amp And Watt Hour	3,879.38

26 24 16 Panelboards *(26 24)*

26 24 16 00-0001 Branch Circuit Panelboard *(26 24 16)*

Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.

26 24 16 00-0002 Assembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.

26 24 16 00-0003 120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0004	EA	100 Amp Rating, 8 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	1,124.22	284.29
		For NEMA 3R Panelboard, Add	*873.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0005	EA	100 Amp Rating, 10 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,275.41	284.29
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0006	EA	100 Amp Rating, 12 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,446.27	394.02
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0007	EA	100 Amp Rating, 14 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,620.07	394.02
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0008	EA	100 Amp Rating, 16 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,782.89	493.77
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0009	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	1,949.97	493.77
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0010	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	2,111.64	568.59
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0011	EA	225 Amp Rating, 22 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,532.64	728.18
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0012	EA	225 Amp Rating, 24 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,663.19	728.18
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0013	EA	225 Amp Rating, 26 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,792.89	832.93
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0014	EA	225 Amp Rating, 28 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,002.82	832.93
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0015	EA	225 Amp Rating, 30 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,132.89	937.66
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0016	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,324.71	937.66
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0017	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,440.33	1,037.42
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0018	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,635.39	1,037.42
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0019	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,812.62	1,147.14
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0020	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	3,937.04	1,147.14
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0021	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	4,113.57	1,147.14
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0022 120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0023	EA	50 Amp Rating, 8 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	1,342.98	274.32
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0024	EA	50 Amp Rating, 10 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	1,496.33	274.32
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0025	EA	100 Amp Rating, 12 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	1,845.60	468.83
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0026	EA	100 Amp Rating, 14 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	2,094.31	468.83
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0027	EA	100 Amp Rating, 16 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	2,260.48	573.58
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0028	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	2,433.47	573.58
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0029	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	2,587.66	688.29
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0030	EA	225 Amp Rating, 22 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity	3,133.86	688.29
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0031	EA	225 Amp Rating, 24 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity	3,270.57	842.90
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0032	EA	225 Amp Rating, 26 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity	3,418.59	842.90
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0033	EA	225 Amp Rating, 28 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,580.19	947.64
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0034	EA	225 Amp Rating, 30 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,712.27	947.64
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0035	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	3,852.72	1,037.42
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0036	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,002.84	1,037.42
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0037	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,164.22	1,226.94
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0038	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,338.75	1,226.94
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0039	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	4,528.84	1,226.94
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0040	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	4,647.86	1,296.77
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0041		120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0042	EA	100 Amp Rating, 8 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	1,359.92	324.19
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0043	EA	100 Amp Rating, 10 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,523.93	324.19
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0044	EA	100 Amp Rating, 12 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,710.58	433.92
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0045	EA	100 Amp Rating, 14 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,907.36	433.92
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0046	EA	100 Amp Rating, 16 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,083.31	533.67
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0047	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	2,271.06	533.67
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0048	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	2,448.31	633.43
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0049	EA	100 Amp Rating, 22 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,630.11	633.43
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0050	EA	100 Amp Rating, 24 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,800.71	743.15
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0051	EA	100 Amp Rating, 26 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	2,997.24	743.15
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0052	EA	100 Amp Rating, 28 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,196.09	857.87
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0053	EA	100 Amp Rating, 30 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,392.56	857.87
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0054	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,780.81	1,037.42
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0055	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	3,911.64	1,037.42
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0056	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,141.63	1,152.13
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0057	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,348.15	1,152.13
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0058	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	4,496.16	1,256.87
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0059	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	4,700.24	1,256.87
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0060	EA	400 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,597.28	1,115.22
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0061	EA	400 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,741.73	1,172.08
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0062	EA	400 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,981.68	1,234.43
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0063	EA	400 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	5,203.17	1,306.75
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0064	EA	400 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	5,359.82	1,346.64
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0065	EA	400 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	5,608.93	1,428.95
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0066 120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0067	EA	50 Amp Rating, 8 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	1,630.66	314.21
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0068	EA	50 Amp Rating, 10 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,796.69	314.21
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0069	EA	50 Amp Rating, 12 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	1,995.43	413.97
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0070	EA	50 Amp Rating, 14 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	2,276.24	413.97
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0071	EA	100 Amp Rating 16 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	2,674.80	623.45
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0072	EA	100 Amp Rating, 18 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	2,847.06	623.45
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0073	EA	100 Amp Rating, 20 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	3,032.83	728.18
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0074	EA	100 Amp Rating, 22 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,186.58	728.18
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0075	EA	100 Amp Rating, 24 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,395.47	842.90
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0076	EA	100 Amp Rating, 26 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,536.42	842.90
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0077	EA	100 Amp Rating, 28 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,769.08	947.64
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0078	EA	100 Amp Rating, 30 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,969.77	947.64
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0079	EA	225 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,673.88	1,097.27
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0080	EA	225 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,878.48	1,157.12
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0081	EA	225 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	4,964.24	1,157.12
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0082	EA	225 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	5,193.23	1,306.75
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0083	EA	225 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	5,355.02	1,306.75
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0084	EA	225 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	5,458.62	1,306.75
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0085	EA	400 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	5,513.75	1,202.01
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0086	EA	400 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	5,736.81	1,271.83
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0087	EA	400 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	5,825.30	1,306.75
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0088	EA	400 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity	6,072.06	1,386.55
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0089	EA	400 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity	6,232.76	1,426.45
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0090	EA	400 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity	6,382.32	1,476.33
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0091 480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0092	EA	100 Amp Rating, 8 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	1,542.65	319.20
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0093	EA	100 Amp Rating, 10 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,760.61	319.20
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0094	EA	100 Amp Rating, 12 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	1,970.02	438.91
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0095	EA	100 Amp Rating, 14 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,187.96	438.91
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0096	EA	100 Amp Rating, 16 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,391.93	548.63
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0097	EA	100 Amp Rating, 18 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	2,606.29	548.63
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0098	EA	100 Amp Rating, 20 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	2,829.52	663.35
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0099	EA	100 Amp Rating, 22 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,034.99	663.35
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0100	EA	100 Amp Rating, 24 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,259.84	788.04
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0101	EA	100 Amp Rating, 26 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,477.28	788.04
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0102	EA	100 Amp Rating, 28 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,678.05	897.77
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0103	EA	100 Amp Rating, 30 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,892.40	897.77
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0104	EA	225 Amp Rating, 32 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,346.31	1,092.28
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0105	EA	225 Amp Rating, 34 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,560.43	1,092.28
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0106	EA	225 Amp Rating, 36 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,787.71	1,197.02
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0107	EA	225 Amp Rating, 38 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	4,956.47	1,197.02
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0108	EA	225 Amp Rating, 40 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	5,208.17	1,321.71
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0109	EA	225 Amp Rating, 42 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	5,390.87	1,321.71
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0110 480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0111	EA	50 Amp Rating, 8 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	1,967.43	339.16
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0112	EA	50 Amp Rating, 10 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	2,180.66	369.08
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0113	EA	50 Amp Rating, 12 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	2,396.14	458.85
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0114	EA	100 Amp Rating, 14 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	2,877.09	558.61
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0115	EA	100 Amp Rating, 16 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	3,081.93	618.46
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0116	EA	100 Amp Rating, 18 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	3,269.23	668.33
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0117	EA	100 Amp Rating, 20 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	3,474.98	728.18
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0118	EA	100 Amp Rating, 22 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,673.21	788.04
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0119	EA	100 Amp Rating, 24 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	3,855.15	837.92
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0120	EA	100 Amp Rating, 26 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,049.87	887.79
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0121	EA	100 Amp Rating, 28 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,260.01	947.64
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0122	EA	100 Amp Rating, 30 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,489.05	1,022.45
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0123	EA	225 Amp Rating, 32 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	5,675.81	1,137.16
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0124	EA	225 Amp Rating, 34 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	5,895.72	1,206.99
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0125	EA	225 Amp Rating, 36 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	6,054.03	1,236.92
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0126	EA	225 Amp Rating, 38 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	6,300.44	1,316.72
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0127	EA	225 Amp Rating, 40 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	6,473.89	1,366.60
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0128	EA	225 Amp Rating, 42 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	6,653.51	1,409.49
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0129		277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0130	EA	100 Amp Rating , 8 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity	1,883.86	349.13
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0131	EA	100 Amp Rating, 10 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,128.70	349.13
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0132	EA	100 Amp Rating, 12 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,367.47	463.84
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0133	EA	100 Amp Rating, 14 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,608.10	463.84
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0134	EA	100 Amp Rating, 16 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity	2,852.47	573.58
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0135	EA	100 Amp Rating, 18 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	3,092.01	573.58
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0136	EA	100 Amp Rating, 20 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity	3,335.30	688.29
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0137	EA	100 Amp Rating, 22 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,577.63	688.29
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0138	EA	100 Amp Rating, 24 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	3,841.41	807.99
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0139	EA	100 Amp Rating, 26 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	4,064.09	807.99
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0140	EA	100 Amp Rating, 28 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	4,298.77	812.97
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0141	EA	100 Amp Rating, 30 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity	4,547.93	812.97
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0142	EA	225 Amp Rating, 32 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	5,177.61	1,127.20
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0143	EA	225 Amp Rating, 34 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	5,432.64	1,127.20
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0144	EA	225 Amp Rating, 36 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	5,632.15	1,187.05
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0145	EA	225 Amp Rating, 38 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity	5,909.60	1,266.85
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0146	EA	225 Amp Rating, 40 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	6,121.83	1,266.85
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0147	EA	225 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity	6,428.52	1,386.55
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0148		277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0149	EA	50 Amp Rating, 8 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity	2,448.80	428.93
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0150	EA	50 Amp Rating, 10 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	2,699.17	428.93
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0151	EA	50 Amp Rating, 12 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity	2,940.51	568.59
		For NEMA 3R Panelboard, Add	*873.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0152	EA	100 Amp Rating, 14 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	3,500.59	568.59
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0153	EA	100 Amp Rating, 16 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity	3,731.90	718.22
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0154	EA	100 Amp Rating, 18 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	3,962.87	718.22
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0155	EA	100 Amp Rating, 20 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity	4,186.32	822.95
		For NEMA 3R Panelboard, Add	*873.74*	
26 24 16 00-0156	EA	100 Amp Rating, 22 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,393.48	822.95
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0157	EA	100 Amp Rating, 24 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,613.42	937.66
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0158	EA	100 Amp Rating, 26 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	4,848.76	937.66
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0159	EA	100 Amp Rating, 28 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	5,052.35	1,037.42
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0160	EA	100 Amp Rating, 30 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	5,265.61	1,037.42
		For NEMA 3R Panelboard, Add	*960.88*	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0161	EA	225 Amp Rating, 32 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	6,920.15	1,226.94
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0162	EA	225 Amp Rating, 34 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	7,177.57	1,226.94
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0163	EA	225 Amp Rating, 36 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	7,369.77	1,341.66
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0164	EA	225 Amp Rating, 38 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	7,656.45	1,341.66
		For NEMA 3R Panelboard, Add	*1,135.03*	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0165	EA	225 Amp Rating, 40 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	7,865.49	1,466.35
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0166	EA	225 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	8,081.34	1,466.35
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0167	EA	400 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity	9,614.80	1,632.94
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0168	EA	600 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >400 To 600 Amp Main Breaker, 54 Circuit Capacity	11,708.88	1,960.12
		For NEMA 3R Panelboard, Add	*1,181.33*	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0169 Unassembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Listed panelboards include the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.

26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0172	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	608.73	
26 24 16 00-0173	EA	100 Amp Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	699.23	
26 24 16 00-0174	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	946.96	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0175	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,091.97	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0176	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,234.69	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0177	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,378.52	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0178	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,495.69	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0179	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,636.78	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0180	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,761.45	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0181	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,877.57	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0182	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,047.89	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0184	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	904.08	
26 24 16 00-0185	EA	100 Amp Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,022.39	
26 24 16 00-0186	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,634.19	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0187	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,812.16	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0188	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,978.43	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0189	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	3,465.50	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0190	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	3,660.38	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0191	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	3,837.78	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0192 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0193	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,244.84	
26 24 16 00-0194	EA	100 Amp Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,328.07	
26 24 16 00-0195	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,560.64	
26 24 16 00-0196	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,702.63	
26 24 16 00-0197	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,833.84	
26 24 16 00-0198	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,095.20	
26 24 16 00-0199	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,204.49	
26 24 16 00-0200	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,338.31	
26 24 16 00-0201	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,518.71	
26 24 16 00-0202	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,630.53	
26 24 16 00-0203	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,789.61	

26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0205	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,532.91	
26 24 16 00-0206	EA	100 Amp Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,643.35	
26 24 16 00-0207	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,365.40	
26 24 16 00-0208	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,528.84	
26 24 16 00-0209	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,684.20	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0210	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	4,156.12	
26 24 16 00-0211	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	4,343.74	
26 24 16 00-0212	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	4,519.32	

26 24 16 00-0213 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers

26 24 16 00-0214 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0215	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	685.14	
26 24 16 00-0216	EA	100 Amp Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	804.84	
26 24 16 00-0217	EA	100 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	904.19	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0218	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,019.92	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0219	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,173.31	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0220	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,298.42	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0221	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,496.57	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0222	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,611.54	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0223	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,737.89	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0224	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,892.83	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0225	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,091.36	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0226	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,480.57	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0227 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0228	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,061.10	
26 24 16 00-0229	EA	100 Amp Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,196.09	
26 24 16 00-0230	EA	100 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,363.79	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0231	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,029.55	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0232	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,196.55	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0233	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,349.43	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0234	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,262.95	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0235	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,443.04	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0236	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,592.94	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0238	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,321.24	
26 24 16 00-0239	EA	100 Amp Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,433.67	
26 24 16 00-0240	EA	100 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,525.15	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0241	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,633.61	
26 24 16 00-0242	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,783.97	
26 24 16 00-0243	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,897.57	
26 24 16 00-0244	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,213.25	
26 24 16 00-0245	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,320.34	
26 24 16 00-0246	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,439.42	
26 24 16 00-0247	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,650.10	
26 24 16 00-0248	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,834.69	
26 24 16 00-0249	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,223.90	
26 24 16 00-0250		Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*		
26 24 16 00-0251	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,689.93	
26 24 16 00-0252	EA	100 Amp Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,817.04	
26 24 16 00-0253	EA	100 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,980.50	
26 24 16 00-0254	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,760.77	
26 24 16 00-0255	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,913.22	
26 24 16 00-0256	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	3,055.20	
26 24 16 00-0257	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	4,588.71	
26 24 16 00-0258	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	4,775.10	
26 24 16 00-0259	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	4,935.66	
26 24 16 00-0260		480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0169)*		
		Note: As manufactured by Square D or equal.		
26 24 16 00-0261		Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*		
26 24 16 00-0262	EA	125 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	989.29	
26 24 16 00-0263	EA	125 Amp Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,083.55	
26 24 16 00-0264	EA	250 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,492.41	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0265	EA	250 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,662.24	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0266	EA	250 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,808.94	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0267	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,797.46	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0268	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,892.03	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0269	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,054.13	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0270	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,149.43	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0271	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,303.72	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0272	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,514.08	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0273		Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*		
26 24 16 00-0274	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,039.67	
26 24 16 00-0275	EA	100 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,104.17	
26 24 16 00-0276	EA	125 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,283.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0277	EA	125 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,403.82	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0278	EA	125 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,638.46	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0279	EA	250 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,430.53	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0280	EA	250 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,578.79	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0281	EA	250 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,768.81	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0282	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,878.92	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0283	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,072.68	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0284	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,249.77	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0286	EA	125 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,603.58	
26 24 16 00-0287	EA	125 Amp Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,697.85	
26 24 16 00-0288	EA	250 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,092.17	
26 24 16 00-0289	EA	250 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,367.41	
26 24 16 00-0290	EA	250 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,501.99	
26 24 16 00-0291	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,490.51	
26 24 16 00-0292	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,566.91	
26 24 16 00-0293	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,702.96	
26 24 16 00-0294	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,858.84	
26 24 16 00-0295	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,998.26	
26 24 16 00-0296	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,176.64	

26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0298	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,784.82	
26 24 16 00-0299	EA	100 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,849.32	
26 24 16 00-0300	EA	125 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,888.77	
26 24 16 00-0301	EA	125 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,003.58	
26 24 16 00-0302	EA	125 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,343.63	
26 24 16 00-0303	EA	250 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,123.58	
26 24 16 00-0304	EA	250 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,253.66	
26 24 16 00-0305	EA	250 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,417.64	
26 24 16 00-0306	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,527.75	
26 24 16 00-0307	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,704.83	
26 24 16 00-0308	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,879.32	

26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0311	EA	125 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,030.48	
26 24 16 00-0312	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,125.36	
26 24 16 00-0313	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,301.00	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0314	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,553.03	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0315	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,724.18	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0316	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,869.70	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0317	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,877.63	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0318	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,991.39	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0319	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	2,152.28	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0320	EA	600 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	2,247.84	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0321	EA	600 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	2,402.75	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0322	EA	600 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	2,613.85	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0323 Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0324	EA	100 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,251.71	
26 24 16 00-0325	EA	100 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,316.81	
26 24 16 00-0326	EA	100 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,509.59	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0327	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,575.02	
26 24 16 00-0328	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,695.81	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0329	EA	125 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,929.81	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0330	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,772.46	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0331	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,922.50	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0332	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	4,110.53	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	
26 24 16 00-0333	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	4,288.64	
		For Door-In-Door (Hinged) Trim Front, Add	*70.21*	
26 24 16 00-0334	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	4,484.31	
		For Door-In-Door (Hinged) Trim Front, Add	*119.91*	
26 24 16 00-0335	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	4,661.23	
		For Door-In-Door (Hinged) Trim Front, Add	*153.26*	

26 24 16 00-0336 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0337	EA	125 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,644.77
26 24 16 00-0338	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,739.65
26 24 16 00-0339	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,906.20
26 24 16 00-0340	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,152.79
26 24 16 00-0341	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,429.34
26 24 16 00-0342	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,562.75
26 24 16 00-0343	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,572.50
26 24 16 00-0344	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,666.26
26 24 16 00-0345	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,801.10
26 24 16 00-0346	EA	600 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,957.24
26 24 16 00-0347	EA	600 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	3,097.01
26 24 16 00-0348	EA	600 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	3,275.39

26 24 16 00-0349 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0350	EA	100 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,851.46
26 24 16 00-0351	EA	100 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,916.57
26 24 16 00-0352	EA	100 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,214.76
26 24 16 00-0353	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,180.23
26 24 16 00-0354	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,295.56
26 24 16 00-0355	EA	125 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,634.98

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0356	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	4,465.51	
26 24 16 00-0357	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	4,597.38	
26 24 16 00-0358	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	4,759.35	
26 24 16 00-0359	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	4,937.46	
26 24 16 00-0360	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	5,116.17	
26 24 16 00-0361	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	5,290.06	

26 24 16 00-0362 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: Square D I-Line or equal.

26 24 16 00-0363 Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0364	EA	400 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	1,726.88	296.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.11*	
26 24 16 00-0365	EA	400 Amp Rating, 45" Breaker Mounted Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,030.58	296.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.06*	
26 24 16 00-0366	EA	400 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,259.25	296.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.06*	
26 24 16 00-0367	EA	600 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,552.70	487.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*292.41*	
26 24 16 00-0368	EA	600 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,729.69	487.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*292.41*	
26 24 16 00-0369	EA	600 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,923.91	487.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*292.41*	
26 24 16 00-0370	EA	800 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,139.11	647.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*388.69*	
26 24 16 00-0371	EA	800 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,309.10	649.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*389.87*	
26 24 16 00-0372	EA	800 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,378.75	647.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*388.69*	
26 24 16 00-0373	EA	800 Amp Rating, 99" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,940.26	647.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*388.69*	
26 24 16 00-0374	EA	1,200 Amp Rating, 27" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,114.01	974.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*584.81*	
26 24 16 00-0375	EA	1,200 Amp Rating, 45" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,496.17	974.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*584.81*	
26 24 16 00-0376	EA	1,200 Amp Rating, 63" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,808.64	974.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*584.81*	
26 24 16 00-0377	EA	1,200 Amp Rating, 99" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,190.03	974.68
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*584.81*	

26 24 16 00-0378 Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*

26 24 16 00-0379	EA	225 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,381.64	303.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*181.87*	
26 24 16 00-0380	EA	400 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,448.24	343.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.29*	
26 24 16 00-0381	EA	400 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,669.08	343.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.29*	
26 24 16 00-0382	EA	400 Amp Rating, 81" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,319.08	343.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.29*	
26 24 16 00-0383	EA	600 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,918.49	563.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*338.17*	
26 24 16 00-0384	EA	600 Amp Rating, 72" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,283.29	565.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*339.07*	
26 24 16 00-0385	EA	600 Amp Rating, 72" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,584.15	563.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*338.17*	
26 24 16 00-0386	EA	800 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	8,740.75	753.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*452.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0387	EA	800 Amp Rating, 72" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,173.20	750.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*450.49*	
26 24 16 00-0388	EA	800 Amp Rating, 72" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,603.92	750.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*450.49*	
26 24 16 00-0389		**Residential Lighting And Power Panelboards** *(26 24 16 00-0001)* See CSI section 26 28 16 13-0001 for circuit breakers.		
26 24 16 00-0390		**Residential Type Unassembled Load Center** *(26 24 16 00-0389)* Note: Interior box and cover, includes ground bar kit.		
26 24 16 00-0391		**Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase** *(26 24 16 00-0390)*		
26 24 16 00-0392	EA	30 Amp, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	138.07	49.87
26 24 16 00-0393	EA	70 Amp, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	455.93	199.50
26 24 16 00-0394	EA	100 Amp, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	692.79	284.79
26 24 16 00-0395	EA	125 Amp, 24 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	1,483.08	598.61
26 24 16 00-0396	EA	150 Amp, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	1,623.28	648.39
26 24 16 00-0397		**Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC** *(26 24 16 00-0390)* Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta.		
26 24 16 00-0398	EA	60 Amp, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled	195.49	54.86
26 24 16 00-0399	EA	125 Amp, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled	358.40	59.85
26 24 16 00-0400		**Main Lug Load Center, 3 Wire 120/240 Volt, Single Phase, Rainproof** *(26 24 16 00-0390)*		
26 24 16 00-0401	EA	40 Amp, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	199.00	54.86
26 24 16 00-0402	EA	70 Amp, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	222.26	59.85
26 24 16 00-0403	EA	100 Amp, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	762.99	284.79
26 24 16 00-0404	EA	150 Amp, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	1,730.12	648.39
26 24 16 00-0405		**Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC** *(26 24 16 00-0390)* Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.		
26 24 16 00-0406	EA	60 A, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled	248.91	54.86
26 24 16 00-0407	EA	125 A, 20 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled	1,678.59	598.61
26 24 16 00-0408		**Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase** *(26 24 16 00-0390)*		
26 24 16 00-0409	EA	125 Amp, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	1,815.80	598.61
26 24 16 00-0410	EA	150 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	1,971.26	648.39
26 24 16 00-0411	EA	300 Amp, 42 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled	7,206.50	997.51
26 24 16 00-0412		**Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC** *(26 24 16 00-0390)* Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V Delta.		
26 24 16 00-0413	EA	125 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled	2,702.24	598.61
26 24 16 00-0414	EA	150 Amp, 40 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled	2,948.51	648.39
26 24 16 00-0415	EA	300 Amp, 42 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled	7,952.37	997.51
26 24 16 00-0416		**Main Breaker Load Center, 3 Wire 120/240 Volt, Single Phase, Rainproof** *(26 24 16 00-0390)*		
26 24 16 00-0417	EA	125 Amp, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	1,915.01	598.61
26 24 16 00-0418	EA	150 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled	2,140.67	648.39
26 24 16 00-0419		**Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC** *(26 24 16 00-0390)* Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.		
26 24 16 00-0420	EA	125 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled	2,866.77	598.61
26 24 16 00-0421	EA	155 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled	2,966.37	648.39
26 24 16 00-0422		**Residential Type Assembled Load Center** *(26 24 16 00-0389)*		
26 24 16 00-0423		**Main Lug Load Center, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase** *(26 24 16 00-0422)* Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0424	EA	100 Amp Main Lugs, Indoor 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	693.24	284.79
26 24 16 00-0425	EA	100 Amp Main Lugs, Indoor 12 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	846.99	332.67
26 24 16 00-0426	EA	100 Amp Main Lugs, Rainproof, 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	710.03	284.79
26 24 16 00-0427	EA	100 Amp Main Lugs, Rainproof, 12 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	851.57	332.67
26 24 16 00-0428	EA	200 Amp Main Lugs, Indoor, 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,243.98	443.39
26 24 16 00-0429	EA	200 Amp Main Lugs, Indoor, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,465.76	532.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0430	EA	200 Amp Main Lugs, Indoor, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,675.05	613.97
26 24 16 00-0431	EA	200 Amp Main Lugs, Indoor, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,848.23	664.65
26 24 16 00-0432	EA	200 Amp Main Lugs, Indoor, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	2,765.78	997.51
26 24 16 00-0433	EA	200 Amp Main Lugs, Rainproof, 16 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,303.50	443.39
26 24 16 00-0434	EA	200 Amp Main Lugs, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,522.23	532.18
26 24 16 00-0435	EA	200 Amp Main Lugs, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,731.52	613.97
26 24 16 00-0436	EA	200 Amp Main Lugs, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,901.65	664.65
26 24 16 00-0437	EA	200 Amp Main Lugs, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	2,941.29	997.51
26 24 16 00-0438	EA	400 Amp Main Lugs, Indoor, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	3,430.05	1,108.34
26 24 16 00-0439	EA	400 Amp Main Lugs, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	3,613.20	1,108.34

26 24 16 00-0440 Main Lug Load Center, 4 Wire, 20 Amp, 120/208 V *(26 24 16 00-0422)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0441	EA	125 Amp Main Lugs, Indoor, 12 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	932.46	332.67
26 24 16 00-0442	EA	125 Amp Main Lugs, Indoor, 18 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,389.75	498.76
26 24 16 00-0443	EA	125 Amp Main Lugs, Rainproof, 12 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	982.83	332.67
26 24 16 00-0444	EA	125 Amp Main Lugs, Rainproof, 18 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,435.54	498.76
26 24 16 00-0445	EA	200 Amp Main Lugs, Indoor, 24 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,762.04	613.97
26 24 16 00-0446	EA	200 Amp Main Lugs, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,925.25	665.05
26 24 16 00-0447	EA	200 Amp Main Lugs, Indoor, 36 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,359.66	798.31
26 24 16 00-0448	EA	200 Amp Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,826.83	997.51
26 24 16 00-0449	EA	200 Amp Main Lugs, Rainproof, 24 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,815.46	613.97
26 24 16 00-0450	EA	200 Amp Main Lugs, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,985.59	664.65
26 24 16 00-0451	EA	200 Amp Main Lugs, Rainproof, 36 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,564.68	797.71
26 24 16 00-0452	EA	200 Amp Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	3,032.87	997.51
26 24 16 00-0453	EA	400 Amp Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	3,475.84	1,108.34
26 24 16 00-0454	EA	400 Amp Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	3,658.99	1,108.34

26 24 16 00-0455 Main Breaker Load Center, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase *(26 24 16 00-0422)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0456	EA	125 Amp Main Breaker, Indoor, 12 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	926.36	332.67
26 24 16 00-0457	EA	125 Amp Main Breaker, Indoor, 18 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,368.38	498.76
26 24 16 00-0458	EA	200 Amp Main Breaker, Indoor, 20 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,590.91	532.18
26 24 16 00-0459	EA	200 Amp Main Breaker, Indoor, 24 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,823.69	614.27
26 24 16 00-0460	EA	200 Amp Main Breaker, Indoor, 30 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	2,009.19	665.05
26 24 16 00-0461	EA	200 Amp Main Breaker, Indoor, 40 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	2,658.89	886.79
26 24 16 00-0462	EA	200 Amp Main Breaker, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	1,606.17	532.18
26 24 16 00-0463	EA	200 Amp Main Breaker, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	1,853.62	613.97
26 24 16 00-0464	EA	200 Amp Main Breaker, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	2,016.11	664.65
26 24 16 00-0465	EA	200 Amp Main Breaker, Rainproof, 40 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	2,574.95	886.79
26 24 16 00-0466	EA	400 Amp Main Breaker, Indoor, 42 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	5,002.07	1,108.34
26 24 16 00-0467	EA	400 Amp Main Breaker, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	5,307.32	1,108.34

26 24 16 00-0468 Main Breaker Load Center, 4 Wire, 20 Amp, 120/208 V *(26 24 16 00-0422)*

Note: Includes 1 pole plug-in breaker.

26 24 16 00-0469	EA	200 Amp Main Breaker, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,436.54	665.05
26 24 16 00-0470	EA	200 Amp Main Breaker, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	3,315.22	997.51
26 24 16 00-0471	EA	200 Amp Main Breaker, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,527.40	664.65
26 24 16 00-0472	EA	200 Amp Main Breaker, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	3,406.79	997.51

26 24 16 00-0473 Panel Mounted Accessories And Fuseholders *(26 24 16 00-0001)*

26 24 16 00-0474 Midget Finger-Safe Fuse Holders *(26 24 16 00-0473)*

Note: 30 Amp capacity. Excludes fuse.

26 24 16 00-0475	EA	1 Pole Midget Finger-Safe Fuse Holder	56.62	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 24 16 00-0476	EA	1 Pole With Indicator Midget Finger-Safe Fuse Holder	64.54	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 24 16 00-0477	EA	2 Pole Midget Finger-Safe Fuse Holder	89.97	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 24 16 00-0478	EA	2 Pole With Indicators Midget Finger-Safe Fuse Holder	110.64	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 24 16 00-0479	EA	3 Pole Midget Finger-Safe Fuse Holder	129.72	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 24 16 00-0480	EA	3 Pole With Indicators Midget Finger-Safe Fuse Holder	157.18	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 24 16 00-0481	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder Note: With indicators.	180.16	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 24 16 00-0482	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	149.71	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 24 16 00-0483	EA	4 Pole Midget Finger-Safe Fuse Holder	163.16	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 24 16 00-0484	EA	4 Pole With Indicator Midget Finger-Safe Fuse Holder	193.32	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 24 16 00-0485	EA	12 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	64.57	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 24 16 00-0486	EA	20 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	68.78	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0487	EA	35 To 48 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	65.34	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	

26 24 16 00-0488 Removal And Reinstallation Of Panelboards *(26 24 16 00-0001)*

Note: Includes storage, cleaning and supply materials.

26 24 16 00-0489	EA	Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers Note: Includes removal and reinstallation of main wiring to panelboard.	1,253.05	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*374.07*	
26 24 16 00-0490	EA	Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage	66.61	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.45*	
26 24 16 00-0491	EA	Panelboard Filler Plate, Fits 1" Opening	4.89	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.94*	

26 24 19 Motor-Control Centers *(26 24)*

26 24 19 00-0001 Combination Starters With Molded Case Circuit Breakers *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.

26 24 19 00-0002 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

26 24 19 00-0003	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit	1,689.73	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0004	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	1,996.84	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0005	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	2,956.72	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0006	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	5,337.77	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0007	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	10,714.56	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0008	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	18,009.75	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	

26 24 19 00-0009 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

26 24 19 00-0010	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	1,689.73	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0011	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	1,996.84	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0012	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	2,956.72	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0013	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	5,337.77	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0014	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	10,714.56	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0015	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	18,009.75	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	

26 24 19 00-0016 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed reversing.

26 24 19 00-0017	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit	2,433.93	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0018	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit	3,234.56	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0019	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit	4,623.30	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0020	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	8,068.63	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0021	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	15,846.75	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0022	EA	230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	27,290.27	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	

26 24 19 00-0023 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed reversing.

26 24 19 00-0024	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit	2,433.93	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0025	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit	3,234.56	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0026	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	4,623.30	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0027	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	8,068.63	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0028	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	15,846.75	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0029	EA	480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit	27,290.27	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	

26 24 19 00-0030 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 2-Speed non-reversing, 2 wind.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0031	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	2,973.79	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0032	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	4,073.66	155.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.02*	
26 24 19 00-0033	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	5,974.48	164.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.48*	
26 24 19 00-0034	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	10,638.28	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0035	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	17,590.78	218.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.32*	

26 24 19 00-0036 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0037	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	2,973.79	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0038	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	4,073.66	155.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.02*	
26 24 19 00-0039	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	5,974.48	164.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.48*	
26 24 19 00-0040	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	10,638.28	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0041	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	17,590.78	218.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.32*	

26 24 19 00-0042 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0043	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	3,406.76	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0044	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	5,055.66	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0045	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	6,909.53	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0046	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	12,954.86	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0047	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	22,420.06	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	

26 24 19 00-0048 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 2-Speed non-reversing, 1 wind.

26 24 19 00-0049	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	3,406.76	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0050	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	5,055.66	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0051	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	6,909.53	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0052	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	12,954.86	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0053	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	22,420.06	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	

26 24 19 00-0054 230 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, auto-transformer.

26 24 19 00-0055	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	5,024.13	95.75
26 24 19 00-0056	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	7,677.05	104.87
26 24 19 00-0057	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	12,918.59	118.55
26 24 19 00-0058	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	19,966.70	136.79
26 24 19 00-0059	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	34,139.50	182.39

26 24 19 00-0060 480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, auto-transformer.

26 24 19 00-0061	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	5,024.13	95.75
26 24 19 00-0062	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	7,677.05	104.87
26 24 19 00-0063	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	12,918.59	118.55
26 24 19 00-0064	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	19,966.70	136.79
26 24 19 00-0065	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	34,139.50	182.39

26 24 19 00-0066 230 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, part winding.

26 24 19 00-0067	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit	3,461.00	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0068	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit	4,463.66	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0069	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit	7,808.08	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0070	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	13,274.63	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0071	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	18,228.63	291.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.10*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0072		480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* Note: Reducing volt, part winding.		
26 24 19 00-0073	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit	3,461.00	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0074	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit	4,463.66	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0075	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	7,808.08	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0076	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	13,274.63	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0077	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit	18,228.63	291.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.10*	
26 24 19 00-0078		230 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* Note: Reducing volt, energy saver.		
26 24 19 00-0079	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit	14,121.62	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0080	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit	14,988.33	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0081	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit	16,553.88	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0082	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	25,038.38	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0083	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	34,137.66	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0084	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	46,320.88	291.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.10*	
26 24 19 00-0085		480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)* Note: Reducing volt, energy saver.		
26 24 19 00-0086	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit	14,121.62	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0087	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit	14,988.33	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0088	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	16,553.88	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0089	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	25,038.38	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0090	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	34,137.66	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0091	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit	46,320.88	291.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.10*	
26 24 19 00-0092		Combination Starters With Current Limiting Circuit Breakers *(26 24 19)* Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
26 24 19 00-0093		230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)* Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	2,249.46	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0095	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit	2,556.58	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0096	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit	3,935.86	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0097	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	7,228.25	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0098	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	12,912.49	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0099	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	21,032.30	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0100		480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)* Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit	2,249.46	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0102	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit	2,556.58	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0103	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	3,935.86	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0104	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	7,228.25	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0105	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	12,912.49	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0106	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit	21,032.30	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0107		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	2,988.93	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0109	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit	3,783.26	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0110	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit	5,580.37	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0111	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	9,933.88	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0112	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	18,000.54	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0113		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0114	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit	2,988.93	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0115	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit	3,783.26	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0116	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	5,580.37	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0117	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	9,933.88	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0118	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit	18,000.54	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0119		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	3,519.34	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0121	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	4,611.32	155.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.02*	
26 24 19 00-0122	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	6,915.78	164.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.48*	
26 24 19 00-0123	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	12,481.45	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0124	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	19,727.22	218.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.32*	
26 24 19 00-0125		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	3,519.34	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0127	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	4,611.32	155.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.02*	
26 24 19 00-0128	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	6,915.78	164.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.48*	
26 24 19 00-0129	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	12,481.45	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0130	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	19,727.22	218.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.32*	
26 24 19 00-0131		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0132	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,043.50	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0133	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	5,684.16	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0134	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	7,955.52	155.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.02*	
26 24 19 00-0135	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	14,894.50	177.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.70*	
26 24 19 00-0136	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	24,659.86	209.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.85*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0137		480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0138	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	4,043.50	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0139	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	5,684.16	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0140	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	7,955.52	155.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.02*	
26 24 19 00-0141	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	14,894.50	177.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.70*	
26 24 19 00-0142	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	24,659.86	209.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.85*	
26 24 19 00-0143		230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Reduced volt, auto-transformer.		
26 24 19 00-0144	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	5,553.90	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0145	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	8,925.81	104.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.93*	
26 24 19 00-0146	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	15,064.50	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0147	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	22,806.35	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0148	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	37,508.93	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0149		480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Reduced volt, auto-transformer.		
26 24 19 00-0150	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	5,553.90	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0151	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	8,925.81	104.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.93*	
26 24 19 00-0152	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	15,064.50	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0153	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	22,806.35	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0154	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	37,508.93	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0155		230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		
26 24 19 00-0156	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	4,006.54	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0157	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	4,998.17	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0158	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	8,743.07	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0159	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	15,447.34	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0160	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	22,772.71	291.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.10*	
26 24 19 00-0161		480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		
26 24 19 00-0162	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit	4,006.54	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0163	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit	4,998.17	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0164	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	8,743.07	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0165	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	15,447.34	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0166	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit	22,772.71	291.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.10*	
26 24 19 00-0167		230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*		
		Note: Reduced volt, energy saving		
26 24 19 00-0168	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit	14,574.14	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0169	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit	15,436.12	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0170	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit	16,985.90	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0171	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	25,396.29	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0172	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	34,415.17	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0173	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	48,223.97	291.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.10*	
26 24 19 00-0174		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, energy saving		
26 24 19 00-0175	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit	14,574.18	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.15*	
26 24 19 00-0176	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit	15,436.12	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0177	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	16,985.90	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0178	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	25,396.29	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0179	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	34,415.17	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0180	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit	48,223.97	291.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.10*	
26 24 19 00-0181		**Combination Starters With Fusible Switch** *(26 24 19)*		
		Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.		
26 24 19 00-0182		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 1-Speed non-reversing.		
26 24 19 00-0183	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	1,506.83	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0184	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,067.80	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0185	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,464.42	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0186	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	6,089.86	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0187	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	9,866.29	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0188	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	17,576.15	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0189		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 1-Speed non-reversing.		
26 24 19 00-0190	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	1,506.83	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0191	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,067.80	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0192	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	3,464.42	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0193	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	6,089.86	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0194	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	9,866.29	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0195	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	17,576.15	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0196		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 1-Speed reversing.		
26 24 19 00-0197	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	2,413.44	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0198	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,581.44	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0199	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,711.23	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0200	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	9,292.16	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0201	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	14,279.50	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0202	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	24,255.10	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0203		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 1-Speed reversing.		
26 24 19 00-0204	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	2,413.44	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0205	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,581.44	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0206	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,711.23	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0207	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	9,292.16	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0208	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	14,279.50	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0209	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	24,255.10	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	

26 24 19 00-0210 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0211	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	2,841.35	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0212	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	3,890.76	155.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.02*	
26 24 19 00-0213	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	6,092.73	164.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.48*	
26 24 19 00-0214	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	10,843.25	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0215	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	17,245.48	218.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.32*	

26 24 19 00-0216 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 2 wind.

26 24 19 00-0217	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	2,841.35	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0218	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	3,890.76	155.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.02*	
26 24 19 00-0219	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	6,092.73	164.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.48*	
26 24 19 00-0220	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	10,843.25	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0221	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	17,245.48	218.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.32*	

26 24 19 00-0222 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 1 wind.

26 24 19 00-0223	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	3,214.40	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0224	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,885.38	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0225	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,019.90	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0226	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	14,118.47	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	

26 24 19 00-0227 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 2-Speed non-reversing, 1 wind.

26 24 19 00-0228	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	3,214.40	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0229	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,885.38	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0230	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,019.90	100.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.19*	
26 24 19 00-0231	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	14,118.47	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	

26 24 19 00-0232 230 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Auto-transformer.

26 24 19 00-0233	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	4,852.27	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0234	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	8,542.67	104.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.93*	
26 24 19 00-0235	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	14,211.50	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0236	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	18,967.06	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	
26 24 19 00-0237	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	31,846.96	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	

26 24 19 00-0238 480 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Auto-transformer.

26 24 19 00-0239	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	4,852.27	95.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.45*	
26 24 19 00-0240	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	8,542.67	104.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.93*	
26 24 19 00-0241	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	14,211.50	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0242	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	18,967.06	136.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0243	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	31,846.96	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	

26 24 19 00-0244 230 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Part winding.

26 24 19 00-0245	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	3,481.50	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0246	EA	25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	4,599.26	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0247	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	7,290.92	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0248	EA	75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	14,477.66	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	

26 24 19 00-0249 480 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Part winding.

26 24 19 00-0250	EA	15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	3,481.50	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0251	EA	40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	4,599.26	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0252	EA	75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	7,290.92	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0253	EA	150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	14,477.66	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	

26 24 19 00-0254 230 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Energy saver.

26 24 19 00-0255	EA	7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	14,120.05	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0256	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	14,988.33	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0257	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	16,553.88	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0258	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	25,038.38	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0259	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	34,137.66	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0260	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	46,320.88	291.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.10*	

26 24 19 00-0261 480 Volt Combination Starters With Fusible Switch, Reduced Volt *(26 24 19 00-0181)*

Note: Energy saver.

26 24 19 00-0262	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	14,120.05	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.13*	
26 24 19 00-0263	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	14,988.33	145.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.54*	
26 24 19 00-0264	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	16,553.88	168.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.22*	
26 24 19 00-0265	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	25,038.38	186.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.17*	
26 24 19 00-0266	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	34,137.66	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0267	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	46,320.88	291.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*175.10*	

26 24 19 00-0268 Starter Accessories *(26 24 19)*

26 24 19 00-0269 Starter Modifications *(26 24 19 00-0268)*

26 24 19 00-0270	EA	Control Circuit Transformer 60 Hertz, Size 1, 2, 50 VA Standard	107.29
26 24 19 00-0271	EA	Control Circuit Transformer 60 Hertz, Size 3, 4, 150 VA Standard	245.97
26 24 19 00-0272	EA	Control Circuit Transformer 60 Hertz, Size 5, 6, 50 VA	351.61
26 24 19 00-0273	EA	Control Circuit Transformer 60 Hertz, All Sizes, Extra 50 VA	88.30
26 24 19 00-0274	EA	Control Circuit Transformer 60 Hertz, All Sizes, Extra 100 VA	124.56
26 24 19 00-0275	EA	Control Circuit Transformer 60 Hertz, All Sizes, Extra 150 VA	209.70
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter	52.03
26 24 19 00-0277	EA	N.O. Overload Relay Alarm	44.15
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary	98.42
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	121.68
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	237.99
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	121.68
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	139.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	168.20	
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	198.62	
26 24 19 00-0285	EA	Blank Devices Panel	37.58	
26 24 19 00-0286	EA	Oversize Or Special Color Starter	59.05	
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	519.44	
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non Resettable	471.13	
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	697.86	
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	59.05	
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	84.10	
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	59.05	
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	84.10	
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	84.10	
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	121.68	
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay	302.41	
26 24 19 00-0297	EA	Heater Module	45.39	
26 24 19 00-0298	EA	LAM - Long Acceleration Module	281.98	
26 24 19 00-0299	EA	JAM - Jam Protection Module	323.24	
26 24 19 00-0300	EA	PUM - Phase Unbalance Module	613.47	
26 24 19 00-0301	EA	ULM - Underload Module	294.36	
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer	64.65	
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit	121.04	
26 24 19 00-0304	EA	Type SIS Control Wire	50.89	
26 24 19 00-0305	EA	Ring Or Spade Terminals Control	64.65	
26 24 19 00-0306	EA	Ring Terminals Power	64.65	
26 24 19 00-0307	EA	14 Gauge Control Wire	50.89	
26 24 19 00-0308	EA	Wiremakers	64.65	
26 24 19 00-0309	EA	Wiring Diagram On Door	38.51	
26 24 19 00-0310	EA	Special Color Or Type Control Wire	46.77	
26 24 19 00-0311	EA	Current Transformer 12.5 VA	367.26	
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	1,173.30	
26 24 19 00-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	1,320.48	

26 24 19 00-0314 Control Relays And Special Components *(26 24 19 00-0268)*

26 24 19 00-0315	EA	Control Relays, 600 Volt, 2 Pole	630.13	
26 24 19 00-0316	EA	Control Relays, 600 Volt, 4 Pole	739.52	
26 24 19 00-0317	EA	Control Relays, 600 Volt, 6 Pole	858.02	
26 24 19 00-0318	EA	Control Relays, 600 Volt, 8 Pole	950.82	
26 24 19 00-0319	EA	Control Relays, Pneumatic Timer	851.34	
26 24 19 00-0320	EA	Control Relays, Motor Driven Timer	2,218.46	
26 24 19 00-0321	EA	Control Relays, 7 Day Time Switch	2,792.23	
26 24 19 00-0322	EA	Control Relays, 24 Hour Time Switch	782.99	
26 24 19 00-0323	EA	Control Relays, Phase Voltage	1,331.90	
26 24 19 00-0324	EA	Control Relays, Two Circuit Alternator	1,864.25	
26 24 19 00-0325	EA	Control Relays, Manual 120 Volt	182.28	
26 24 19 00-0326	EA	Control Relays, Over-Current Relay	2,624.46	
26 24 19 00-0327	EA	Control Relays, UV-Relay	2,222.81	
26 24 19 00-0328	EA	Control Relays, Over-Current Relay	2,222.81	
26 24 19 00-0329	EA	Control Relays, Teleductor	1,373.33	
26 24 19 00-0330	EA	Control Relays, Current Transducer	3,693.29	
26 24 19 00-0331	EA	Control Relays, Watt Transducer	7,386.57	
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x	250.64	
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	374.92	
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	422.56	
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	470.21	
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	422.56	
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	470.21	
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	495.06	

26 24 19 00-0339 Circuit Breaker Modifications/Accessories *(26 24 19 00-0268)*

26 24 19 00-0340	EA	Circuit Breaker, Shunt Trip	267.29	
26 24 19 00-0341	EA	Circuit Breaker, Auxiliary Switch	92.32	
26 24 19 00-0342	EA	Circuit Breaker, Key Interlock	332.07	
26 24 19 00-0343	EA	Circuit Breaker, GFR Ground Fault	1,530.80	
26 24 19 00-0344	EA	Circuit Breaker, Seltronic Breaker	886.76	

26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers *(26 24 19 00-0268)*

26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	1,116.87	59.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.56*	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	1,931.81	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	1,855.52	59.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.56*	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	2,668.89	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	3,421.53	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	2,129.63	118.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.15*	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	3,438.55	127.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.62*	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	4,534.53	164.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*98.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	5,348.78	250.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*150.52*	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	7,581.01	378.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*227.25*	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	16,535.53	501.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.68*	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	24,677.69	629.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*377.18*	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	41,090.47	729.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*438.11*	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	1,339.24	59.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.56*	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150	2,147.96	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	1,339.24	59.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.56*	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50	2,147.96	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150	2,267.60	59.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.56*	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150	3,107.41	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	3,850.72	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100	2,040.66	91.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400	5,174.62	250.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*150.52*	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	5,174.62	250.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*150.52*	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	6,953.68	273.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.08*	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	8,677.62	319.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.42*	
26 24 19 00-0371	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	9,988.21	378.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*227.25*	

26 24 19 00-0372 Incoming Line And Feeder Fusible Switches *(26 24 19 00-0268)*

26 24 19 00-0373	EA	Incoming Line And Feeder Fusible Switches, 30 Or 60 Amps	1,153.49	91.19
26 24 19 00-0374	EA	Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual	1,757.34	91.19
26 24 19 00-0375	EA	Incoming Line And Feeder Fusible Switches, 100 Amps	1,935.42	113.99
26 24 19 00-0376	EA	Incoming Line And Feeder Fusible Switches, 200 Amps	3,133.35	136.79
26 24 19 00-0377	EA	Incoming Line And Feeder Fusible Switches, 400 Amps	6,148.47	173.27
26 24 19 00-0378	EA	Incoming Line And Feeder Fusible Switches, 600 Amps	8,619.91	227.99
26 24 19 00-0379	EA	Incoming Line And Feeder Fusible Switches, 800 Amps	20,892.93	305.50
26 24 19 00-0380	EA	Incoming Line And Feeder Fusible Switches, 1,200 Amps	23,595.31	424.06

26 24 19 00-0381 Dry Type Distribution Transformers *(26 24 19 00-0268)*

26 24 19 00-0382	EA	500 VA, Phase 1, Dry Type Distribution Transformers	1,060.54
26 24 19 00-0383	EA	750 VA, Phase 1, Dry Type Distribution Transformers	1,094.75
26 24 19 00-0384	EA	1,000 VA, Phase 1, Dry Type Distribution Transformers	1,130.51
26 24 19 00-0385	EA	1,500 VA, Phase 1, Dry Type Distribution Transformers	1,296.90
26 24 19 00-0386	EA	2,000 VA, Phase 1, Dry Type Distribution Transformers	1,405.75
26 24 19 00-0387	EA	3,000 VA, Phase 1, Dry Type Distribution Transformers	1,475.91
26 24 19 00-0388	EA	5,000 VA, Phase 1, Dry Type Distribution Transformers	1,912.70
26 24 19 00-0389	EA	7,500 VA, Phase 1, Dry Type Distribution Transformers	2,155.28
26 24 19 00-0390	EA	9,000 VA, Phase 3, Dry Type Distribution Transformers	5,010.33
26 24 19 00-0391	EA	10,000 VA, Phase 1, Dry Type Distribution Transformers	2,659.11
26 24 19 00-0392	EA	15,000 VA, Phase 1, Dry Type Distribution Transformers	3,683.88
26 24 19 00-0393	EA	15,000 VA, Phase 3, Dry Type Distribution Transformers	5,741.20
26 24 19 00-0394	EA	20,000 VA, Phase 1, Dry Type Distribution Transformers	5,316.67
26 24 19 00-0395	EA	30,000 VA, Phase 1, Dry Type Distribution Transformers	7,367.76
26 24 19 00-0396	EA	30,000 VA, Phase 3, Dry Type Distribution Transformers	7,056.32
26 24 19 00-0397	EA	45,000 VA, Phase 1, Dry Type Distribution Transformers	9,774.31

26 24 19 00-0398 Metering Equipment *(26 24 19 00-0268)*

26 24 19 00-0399	EA	Metering Equipment, Voltmeter, Panel Type	576.18
26 24 19 00-0400	EA	Metering Equipment, Voltmeter, Switchboard Type	1,259.72
26 24 19 00-0401	EA	Metering Equipment, Ammeter, Panel	518.92
26 24 19 00-0402	EA	Metering Equipment, Ammeter, Switchboard Type	1,259.72
26 24 19 00-0403	EA	Metering Equipment, Voltmeter/Ammeter, Switch	699.65
26 24 19 00-0404	EA	Metering Equipment, Control Switch, 4 Circuits	742.59
26 24 19 00-0405	EA	Add For Additional Circuits	75.65
26 24 19 00-0406	EA	Metering Equipment, Indicating Wattmeter	2,598.18
26 24 19 00-0407	EA	Metering Equipment, Indicating Power Factor	2,721.65
26 24 19 00-0408	EA	Metering Equipment, Integrating Watt-hour	2,399.56
26 24 19 00-0409	EA	Add For Demand Attachment	495.18
26 24 19 00-0410	EA	Metering Equipment, Current Transformer, 800 Amp	717.54
26 24 19 00-0411	EA	Metering Equipment, Current Transformer, 1,000 Amp	1,238.25
26 24 19 00-0412	EA	Metering Equipment, Current Transformer, 2,000 Amp	1,442.24
26 24 19 00-0413	EA	Metering Equipment, Potential Transformer	1,202.46
26 24 19 00-0414	EA	Metering Equipment, Surge Arrester	1,293.72
26 24 19 00-0415	EA	Metering Equipment, Ground Detector System	989.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0416		**Current Limiting Reactors** *(26 24 19 00-0268)*		
26 24 19 00-0417	EA	Current Limiting Reactors, 600 Amps	19,193.82	
26 24 19 00-0418	EA	Current Limiting Reactors, 800 Amps	27,951.79	
26 24 19 00-0419	EA	Current Limiting Reactors, 1,000 Amps	36,729.97	
26 24 19 00-0420	EA	Current Limiting Reactors, 1,200 Amps	55,909.80	
26 24 19 00-0421		**Incoming Line Cable Space Requirements, Main Lugs Only** *(26 24 19 00-0268)*		
26 24 19 00-0422	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	342.15	
26 24 19 00-0423	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	342.15	
26 24 19 00-0424	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	473.01	
26 24 19 00-0425	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	865.61	
26 24 19 00-0426	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	473.01	
26 24 19 00-0427	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	603.88	
26 24 19 00-0428	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	603.88	
26 24 19 00-0429	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	864.04	
26 24 19 00-0430	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	603.88	
26 24 19 00-0431	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	864.04	
26 24 19 00-0432	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	734.75	
26 24 19 00-0433	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	2,382.41	
26 24 19 00-0434	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw	734.75	
26 24 19 00-0435	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp	864.04	
26 24 19 00-0436	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw	2,382.41	
26 24 19 00-0437	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp	2,382.41	
26 24 19 00-0438	EA	Bus Duct Transition Pull Box	848.52	
26 24 19 00-0439	EA	Throat And Transition To Substation	1,638.06	
26 24 19 00-0440	EA	Service Entrance Label	354.74	
26 24 19 00-0441	EA	Type W To 5 Star - 10" Transition	741.51	
26 24 19 00-0442	EA	600 Ampere Sub Feed Lugs On Main Bus	328.74	
26 24 19 00-0443		**Standard Structures And Structure Options/Modifications** *(26 24 19 00-0268)*		
26 24 19 00-0444	EA	Standard Structure Add For Each Additional 4" Of Structure Width	234.25	
26 24 19 00-0445	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	234.25	
26 24 19 00-0446	EA	Standard Structure Single Corner Section "L", 16" Depth	724.66	
26 24 19 00-0447	EA	Standard Structure Single Corner Section "L", 21" Depth	817.34	
26 24 19 00-0448	EA	Standard Structure Unused Space/Future Space	69.94	
26 24 19 00-0449	EA	Standard Structure NEMA 12 Dustproof	188.75	
26 24 19 00-0450	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	39.60	
26 24 19 00-0451	EA	Standard Structure 150 Watt Space	170.21	
26 24 19 00-0452	EA	Standard Structure Thermostat For Space Heater Control	400.27	
26 24 19 00-0453	EA	Standard Structure Rear Hinged Structure Door, 72" High	170.21	
26 24 19 00-0454	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC	258.59	
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Front Mounted	3,689.09	
26 24 19 00-0456	EA	Standard Structure NEMA 3R N-Walk In Back-to-back	4,264.05	
26 24 19 00-0457	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted	4,268.18	
26 24 19 00-0458		**Installation Hours For Vertical Sections** *(26 24 19 00-0268)*		
26 24 19 00-0459	EA	Install Vertical Section, 230/480 Volt, 1 Section, 600 Amps	547.14	273.58
26 24 19 00-0460	EA	Install Vertical Section, 230/480 Volt, 2 Section, 600 Amps	820.71	410.38
26 24 19 00-0461	EA	Install Vertical Section, 230/480 Volt, 3 Section, 600 Amps	911.94	455.97
26 24 19 00-0462	EA	Install Vertical Section, 230/480 Volt, 4 Section, 600 Amps	1,094.42	547.17
26 24 19 00-0463	EA	Install Vertical Section, 230/480 Volt, Bolt To Floor, 600 Amps	91.19	45.60
26 24 19 00-0464	EA	Install Vertical Section, 230/480 Volt, 1 Section, 800 Amps	547.14	273.58
26 24 19 00-0465	EA	Install Vertical Section, 230/480 Volt, 2 Section, 800 Amps	820.71	410.38
26 24 19 00-0466	EA	Install Vertical Section, 230/480 Volt, 3 Section, 800 Amps	911.94	455.97
26 24 19 00-0467	EA	Install Vertical Section, 230/480 Volt, 4 Section, 800 Amps	1,094.42	547.17
26 24 19 00-0468	EA	Install Vertical Section, 230/480 Volt, Bolt To Floor, 800 Amps	91.19	45.60
26 24 19 00-0469	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amps	638.37	319.18
26 24 19 00-0470	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amps	820.71	410.38
26 24 19 00-0471	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amps	1,094.42	547.17
26 24 19 00-0472	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amps	1,276.55	638.26
26 24 19 00-0473	EA	Install Vertical Section, 230/480 Volt, Bolt To Floor, 1,200 Amps	136.79	68.40
26 24 19 00-0474	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amps	729.55	364.78
26 24 19 00-0475	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amps	1,003.22	501.57
26 24 19 00-0476	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amps	1,276.55	638.26
26 24 19 00-0477	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amps	1,458.85	729.46
26 24 19 00-0478	EA	Install Vertical Section, 230/480 Volt, Bolt To Floor, 1,600 Amps	182.39	91.19
26 24 19 00-0479	EA	Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amps	729.55	364.78
26 24 19 00-0480	EA	Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amps	1,094.42	547.17
26 24 19 00-0481	EA	Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amps	1,367.76	683.86
26 24 19 00-0482	EA	Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amps	1,550.40	775.24
26 24 19 00-0483	EA	Install Vertical Section, 230/480 Volt, Bolt To Floor, 2,000 Amps	182.39	91.19
26 24 19 00-0484		**Motor Control Centers** *(26 24 19)*		
26 24 19 00-0485		**2.4 KV Motor Control Centers** *(26 24 19 00-0484)*		
26 24 19 00-0486	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	14,929.15	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0487	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	14,929.15	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0488	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	14,929.15	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0489	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	14,974.77	205.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.12*	
26 24 19 00-0490	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	15,902.22	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0491	EA	2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	15,947.80	250.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*150.47*	
26 24 19 00-0492	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	15,993.39	273.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.14*	
26 24 19 00-0493	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	16,084.62	319.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.51*	
26 24 19 00-0494	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	16,175.80	364.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*218.87*	
26 24 19 00-0495	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	27,259.27	410.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.21*	
26 24 19 00-0496	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	29,256.79	455.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*273.58*	
26 24 19 00-0497	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	22,158.78	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0498	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	23,084.05	196.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.64*	
26 24 19 00-0499	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	26,225.81	214.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*128.58*	
26 24 19 00-0500	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	29,192.76	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0501	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	31,759.96	264.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.69*	
26 24 19 00-0502	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	34,798.36	282.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.62*	
26 24 19 00-0503	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	37,834.96	300.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*180.55*	
26 24 19 00-0504	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	41,436.86	328.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*196.99*	
26 24 19 00-0505	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	48,220.98	364.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*218.87*	
26 24 19 00-0506	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	52,244.88	387.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.56*	
26 24 19 00-0507	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	79,800.05	455.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*273.58*	
26 24 19 00-0508	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	85,022.27	501.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.97*	
26 24 19 00-0509	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	89,567.40	547.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*328.33*	
26 24 19 00-0510	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	97,529.70	592.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*355.72*	
26 24 19 00-0511	EA	2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	20,906.33	182.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*109.43*	
26 24 19 00-0512	EA	2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	20,951.95	205.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.12*	
26 24 19 00-0513	EA	2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	20,997.52	227.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.79*	
26 24 19 00-0514	EA	2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	21,043.10	250.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*150.47*	
26 24 19 00-0515	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	21,092.26	273.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.14*	
26 24 19 00-0516	EA	2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	21,137.90	296.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.83*	
26 24 19 00-0517	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	21,183.49	319.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.51*	
26 24 19 00-0518	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	21,365.83	410.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.21*	
26 24 19 00-0519	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	36,427.62	455.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*273.58*	
26 24 19 00-0520	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	36,518.90	501.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.97*	
26 24 19 00-0521	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	38,505.70	547.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*328.33*	
26 24 19 00-0522	EA	Add For Reversing Starters, 100 To 700 HP	8,217.29	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0523	EA	Add For Reversing Starters, 1,000 To 1,500 Hp	8,466.71	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0524	EA	Add For Reversing Starters, 1,750 To 2,500 HP	12,965.19	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	

26 24 19 00-0525 4.8 KV Motor Control Centers *(26 24 19 00-0484)*

26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	16,242.81	273.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.14*	
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP	16,288.45	296.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.83*	
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP	16,334.04	319.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.51*	
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP	16,379.66	341.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.20*	
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP	17,298.19	364.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*218.87*	
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP	17,343.84	387.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP	17,389.35	410.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.21*	
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP	17,435.03	433.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.92*	
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP	17,480.58	455.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*273.58*	
26 24 19 00-0535	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP	29,628.55	592.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*355.72*	
26 24 19 00-0536	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP	29,719.38	638.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*382.97*	
26 24 19 00-0537	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP	31,707.97	683.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*410.33*	
26 24 19 00-0538	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP	31,799.06	729.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*437.66*	
26 24 19 00-0539	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP	22,594.12	273.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*164.14*	
26 24 19 00-0540	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP	22,889.18	296.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.83*	
26 24 19 00-0541	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP	26,693.89	319.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.51*	
26 24 19 00-0542	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP	29,670.20	341.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.20*	
26 24 19 00-0543	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP	32,209.97	364.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*218.87*	
26 24 19 00-0544	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP	35,257.57	387.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.56*	
26 24 19 00-0545	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP	38,117.97	410.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.21*	
26 24 19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP	41,896.05	433.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.92*	
26 24 19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP	48,533.42	455.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*273.58*	
26 24 19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP	53,043.66	478.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*287.27*	
26 24 19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP	57,599.51	524.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*314.63*	
26 24 19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP	61,366.86	547.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*328.33*	
26 24 19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP	64,920.28	569.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*341.98*	
26 24 19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP	69,892.13	592.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*355.72*	
26 24 19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP	110,802.97	729.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*437.66*	
26 24 19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP	123,223.02	775.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*465.12*	
26 24 19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP	148,122.45	820.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*492.42*	
26 24 19 00-0556	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP	156,682.92	820.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*492.42*	
26 24 19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP	22,307.66	319.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.51*	
26 24 19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP	22,353.28	341.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*205.20*	
26 24 19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP	22,398.84	364.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*218.87*	
26 24 19 00-0560	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP	22,444.49	387.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*232.56*	
26 24 19 00-0561	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP	24,367.78	410.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*246.21*	
26 24 19 00-0562	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP	24,413.46	433.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.92*	
26 24 19 00-0563	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP	24,459.01	455.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*273.58*	
26 24 19 00-0564	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP	24,504.62	478.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*287.27*	
26 24 19 00-0565	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP	24,550.29	501.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.97*	
26 24 19 00-0566	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP	24,823.62	638.26
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*382.97*	
26 24 19 00-0567	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP	40,134.82	683.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*410.33*	
26 24 19 00-0568	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP	42,114.38	729.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*437.66*	
26 24 19 00-0569	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP	42,114.38	729.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*437.66*	
26 24 19 00-0570	EA	Add For Reversing Starters, 100 To 1,250 HP	7,293.36	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0571	EA	Add For Reversing Starters, 1,500 To 2,500 HP	7,514.09	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	
26 24 19 00-0572	EA	Add For Reversing Starters, 3,000 To 4,500 HP	11,495.29	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.72*	

26 24 19 00-0573 2.4/4.8 KV Motor Control Centers, Accessories *(26 24 19 00-0484)*

26 24 19 00-0574	EA	2.4/4.8 KV Load Break Disconnect Switch 600 Amp	9,509.70	182.39
26 24 19 00-0575	EA	2.4/4.8 KV Load Break Disconnect Switch 1,200 Amp	11,443.79	273.58
26 24 19 00-0576	EA	2.4/4.8 KV NEMA 3 Weather Resistant	3,722.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0577	EA	2.4/4.8 KV Space Heaters	193.37	13.68
26 24 19 00-0578	EA	2.4/4.8 KV Potential Transformer Fused	1,078.47	
26 24 19 00-0579	EA	2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	578.65	
26 24 19 00-0580	EA	2.4/4.8 KV Control Transformer 4 KVA Max	1,723.34	
26 24 19 00-0581	EA	2.4/4.8 KV Pushbuttons Each	110.37	
26 24 19 00-0582	EA	2.4/4.8 KV Selector Switch Each	365.80	
26 24 19 00-0583	EA	2.4/4.8 KV Indicating Light	110.37	
26 24 19 00-0584	EA	2.4/4.8 KV Push To Test Light	334.26	
26 24 19 00-0585	EA	2.4/4.8 KV AC Voltmeter, Switchboard Type	889.26	
26 24 19 00-0586	EA	2.4/4.8 KV AC Ammeter, Switchboard Type	889.26	
26 24 19 00-0587	EA	2.4/4.8 KV Power Factor Meter	2,659.91	
26 24 19 00-0588	EA	2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	1,833.71	
26 24 19 00-0589	EA	2.4/4.8 KV Operation Counter	361.62	13.68
26 24 19 00-0590	EA	2.4/4.8 KV Phase Failure Protection	2,585.55	45.60
26 24 19 00-0591	EA	2.4/4.8 KV Ground Protection	4,920.79	22.80
26 24 19 00-0592	EA	2.4/4.8 KV Synchronous Motor DC Protection	2,475.67	22.80
26 24 19 00-0593	EA	2.4/4.8 KV Lightning Arresters	3,043.83	13.68
26 24 19 00-0594	EA	2.4/4.8 KV Portable Lifting Mechanism	4,397.09	
26 24 19 00-0595	EA	2.4/4.8 KV Auxiliary Timing Relay	476.61	45.60
26 24 19 00-0596	EA	2.4/4.8 KV Auxiliary Control Relay	346.07	45.60

26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers *(26 24 19 00-0484)*

Note: 3 Pole. Includes structure.

26 24 19 00-0598	EA	Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amp, 14,000 Amp IC, 3-Pole, With Structure Included	1,090.45	273.32
26 24 19 00-0599	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amp, 22,000 Amp IC, 3-Pole, With Structure Included	1,890.16	483.80
26 24 19 00-0600	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	2,248.45	619.46
26 24 19 00-0601	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	3,616.76	997.51
26 24 19 00-0602	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	4,265.57	1,097.27
26 24 19 00-0603	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	5,554.73	1,216.97
26 24 19 00-0604	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 45,000 Amp IC, 3-Pole, With Structure Included	6,462.09	1,426.45
26 24 19 00-0605	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 100,000 Amp IC, 3-Pole, With Structure Included	11,382.22	1,661.86

26 24 19 00-0606 Main Lugs Only *(26 24 19 00-0484)*

26 24 19 00-0607	EA	600 Amp Incoming Section, Main Lugs	838.76	349.13
26 24 19 00-0608	EA	800 Amp Incoming Section, Main Lugs	909.38	349.13
26 24 19 00-0609	EA	1,200 Amp Incoming Section, Main Lugs	1,267.51	548.63
26 24 19 00-0610	EA	2,000 Amp Incoming Section, Main Lugs	3,198.60	997.51
26 24 19 00-0611	EA	3,000 Amp Incoming Section, Main Lugs	4,877.38	1,446.40
26 24 19 00-0612	EA	4,000 Amp Incoming Section, Main Lugs	6,987.08	1,995.03

26 24 19 00-0613 Incoming Main Circuit Breaker Structure *(26 24 19 00-0484)*

Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0614	EA	225 Amp, Main Circuit Breaker Section	6,057.99	482.70
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0615	EA	400 Amp, Main Circuit Breaker Section	12,951.15	620.05
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0616	EA	600 Amp, Main Circuit Breaker Section	13,374.39	965.80
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0617	EA	800 Amp, Main Circuit Breaker Section	19,094.91	965.80
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0618	EA	1,200 Amp, Main Circuit Breaker Section	27,706.67	1,092.78
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0619 Incoming Fusible Main Disconnect Section *(26 24 19 00-0484)*

Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.

26 24 19 00-0620	EA	200 Amp, Fusible Main Disconnect Section	5,245.71	483.30
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0621	EA	400 Amp, Fusible Main Disconnect Section	7,253.51	620.35
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0622	EA	600 Amp, Fusible Main Disconnect Section	14,226.03	966.60
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0623	EA	800 Amp, Fusible Main Disconnect Section	16,572.70	966.60
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0624	EA	1,200 Amp, Fusible Main Disconnect Section	23,401.08	1,093.77
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0625 Circuit Breaker Combination Starters *(26 24 19 00-0484)*

26 24 19 00-0626 Class I, Type A *(26 24 19 00-0625)*

26 24 19 00-0627	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter	916.68	202.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.46*	
26 24 19 00-0628	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter	1,068.28	202.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.89*	
26 24 19 00-0629	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter	1,554.92	287.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*171.99*	
26 24 19 00-0630	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter	2,548.16	378.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*226.71*	
26 24 19 00-0631	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter	4,602.18	472.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*283.39*	

26 24 19 00-0632 Class I, Type B *(26 24 19 00-0625)*

26 24 19 00-0633	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter	870.45	176.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.75*	
26 24 19 00-0634	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter	1,016.44	176.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.34*	
26 24 19 00-0635	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter	1,493.18	255.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*153.47*	
26 24 19 00-0636	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter	2,485.18	346.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*207.82*	
26 24 19 00-0637	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter	4,551.39	441.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*268.15*	

26 24 19 00-0638 Class I, Type C *(26 24 19 00-0625)*

26 24 19 00-0639	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter	921.50	163.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.35*	
26 24 19 00-0640	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter	1,076.21	163.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.12*	
26 24 19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter	1,602.15	244.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.69*	
26 24 19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter	2,599.83	338.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.75*	
26 24 19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter	4,658.93	433.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.77*	

26 24 19 00-0644 Class II, Type B *(26 24 19 00-0625)*

26 24 19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter	913.02	242.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.02*	
26 24 19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter	1,269.76	242.40
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.99*	
26 24 19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter	1,804.68	323.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*193.32*	
26 24 19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter	2,961.41	413.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*249.38*	
26 24 19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter	5,374.14	505.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*304.12*	

26 24 19 00-0650 Class II, Type C *(26 24 19 00-0625)*

26 24 19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter	1,148.20	229.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.25*	
26 24 19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter	1,319.98	229.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*143.32*	
26 24 19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter	1,918.80	313.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*187.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter	3,068.73	403.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*242.12*	
26 24 19 00-0655	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter	5,495.44	498.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*300.46*	

26 24 19 00-0656 Fused Disconnect Combination Starter *(26 24 19 00-0484)*

26 24 19 00-0657 Class I, Type A *(26 24 19 00-0656)*

26 24 19 00-0658	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter	835.36	186.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.34*	
26 24 19 00-0659	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter	1,261.91	255.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.99*	
26 24 19 00-0660	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter	2,011.81	332.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*199.50*	
26 24 19 00-0661	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter	2,751.09	465.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*280.20*	
26 24 19 00-0662	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter	4,838.56	593.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*356.26*	

26 24 19 00-0663 Class I, Type B *(26 24 19 00-0656)*

26 24 19 00-0664	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter	852.78	166.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.75*	
26 24 19 00-0665	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter	1,148.12	228.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*137.02*	
26 24 19 00-0666	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter	1,701.48	305.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*183.37*	
26 24 19 00-0667	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter	2,852.08	440.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*265.30*	
26 24 19 00-0668	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter	4,925.89	560.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*337.00*	

26 24 19 00-0669 Class I, Type C *(26 24 19 00-0656)*

26 24 19 00-0670	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter	904.25	155.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*93.40*	
26 24 19 00-0671	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter	1,215.16	211.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.89*	
26 24 19 00-0672	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter	1,852.41	294.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.13*	
26 24 19 00-0673	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter	3,002.08	433.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.77*	
26 24 19 00-0674	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter	4,657.94	554.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*332.51*	

26 24 19 00-0675 Class II, Type B *(26 24 19 00-0656)*

26 24 19 00-0676	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter	1,073.65	233.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.10*	
26 24 19 00-0677	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter	1,387.91	291.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*174.39*	
26 24 19 00-0678	EA	Size 3, Class II, Type B Fused Disconnect Combination Starter	2,016.40	375.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*224.66*	
26 24 19 00-0679	EA	Size 4, Class II, Type B Fused Disconnect Combination Starter	3,291.72	505.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*304.12*	
26 24 19 00-0680	EA	Size 5, Class II, Type B Fused Disconnect Combination Starter	5,664.79	631.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*377.85*	

26 24 19 00-0681 Class II, Type C *(26 24 19 00-0656)*

26 24 19 00-0682	EA	Size 1, Class II, Type C Fused Disconnect Combination Starter	1,116.79	219.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*131.25*	
26 24 19 00-0683	EA	Size 2, Class II, Type C Fused Disconnect Combination Starter	1,454.60	275.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*165.15*	
26 24 19 00-0684	EA	Size 3, Class II, Type C Fused Disconnect Combination Starter	2,143.68	358.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.98*	
26 24 19 00-0685	EA	Size 4, Class II, Type C Fused Disconnect Combination Starter	3,427.14	493.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*296.88*	
26 24 19 00-0686	EA	Size 5, Class II, Type C Fused Disconnect Combination Starter	5,796.16	611.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*366.73*	

26 24 19 00-0687 Space Complete With Bus And Hardware *(26 24 19 00-0484)*

26 24 19 00-0688 Circuit Breaker Type *(26 24 19 00-0687)*

26 24 19 00-0689	EA	Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware	256.88	67.83
26 24 19 00-0690	EA	Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware	256.88	67.83
26 24 19 00-0691	EA	Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware	382.00	98.75
26 24 19 00-0692	EA	Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware	451.59	129.68
26 24 19 00-0693	EA	Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware	761.09	197.51

26 24 19 00-0694 Fused Disconnect Type *(26 24 19 00-0687)*

26 24 19 00-0695	EA	Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware	256.88	67.83
26 24 19 00-0696	EA	Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware	339.28	98.75
26 24 19 00-0697	EA	Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware	472.49	129.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0698	EA	Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware	819.43	197.51
26 24 19 00-0699	EA	Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware	1,140.56	287.28

26 24 19 00-0700 Blank Space For Future Expansion *(26 24 19 00-0687)*

Note: Factory modified no labor costs.

26 24 19 00-0701	EA	Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	121.72	
26 24 19 00-0702	EA	Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	121.72	
26 24 19 00-0703	EA	Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	184.55	
26 24 19 00-0704	EA	Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	184.55	
26 24 19 00-0705	EA	Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	367.13	

26 24 19 00-0706 Structure Combination Of Starters To 72" High *(26 24 19 00-0687)*

26 24 19 00-0707	EA	Structure Combination Of Starters To 72" High	3,028.78	525.00

26 24 19 00-0708 Motor Control Center Basic Distribution Section *(26 24 19 00-0484)*

26 24 19 00-0709	EA	20" Wide Basic Section With Vertical Wireway	5,004.45	1,367.19
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amp Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amp Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amp Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0710	EA	25"-35" Wide Basic Section (No Vertical Wireway)	5,004.45	1,367.19
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amp Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amp Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amp Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0711	EA	25" Wide Basic Section With 9" Wide Vertical Wireway	5,539.35	1,367.19
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amp Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amp Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amp Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0712	EA	Corner Section	5,539.35	1,367.19
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amp Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amp Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amp Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amp Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amp Tin Plated Copper Vertical, Add	*210.00*	

26 24 19 00-0713 Motor Control Center Starters With HMCP Circuit Breaker *(26 24 19 00-0484)*

Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0714 FVNR Starters With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0715	EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	1,314.74	192.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.20*	
26 24 19 00-0716	EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,463.45	212.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.78*	
26 24 19 00-0717	EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	2,545.43	286.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*171.79*	
26 24 19 00-0718	EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	3,695.81	377.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*226.50*	
26 24 19 00-0719	EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	8,463.94	471.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*283.06*	
26 24 19 00-0720	EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	19,859.16	471.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*283.06*	
26 24 19 00-0721	EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	1,330.14	166.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.65*	
26 24 19 00-0722	EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,500.20	187.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*112.22*	
26 24 19 00-0723	EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	2,606.22	255.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*153.21*	
26 24 19 00-0724	EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	3,701.32	346.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*207.70*	
26 24 19 00-0725	EA	Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	8,482.40	446.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*268.15*	
26 24 19 00-0726	EA	Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	20,000.23	446.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*268.15*	

26 24 19 00-0727 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0728	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,112.46	240.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.15*	
26 24 19 00-0729	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,594.52	265.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.52*	
26 24 19 00-0730	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,283.88	357.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.37*	
26 24 19 00-0731	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	7,383.86	472.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*283.39*	
26 24 19 00-0732	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	13,360.96	590.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*354.57*	
26 24 19 00-0733	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,149.16	207.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.48*	
26 24 19 00-0734	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,653.38	233.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.36*	
26 24 19 00-0735	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	4,365.55	319.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.83*	
26 24 19 00-0736	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	7,407.39	432.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.77*	
26 24 19 00-0737	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	13,399.61	559.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*335.49*	

26 24 19 00-0738 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0739	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,316.97	240.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.15*	
26 24 19 00-0740	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,304.84	265.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.52*	
26 24 19 00-0741	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	6,251.23	357.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*214.37*	
26 24 19 00-0742	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	8,514.10	472.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*283.39*	
26 24 19 00-0743	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	17,103.43	590.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*354.57*	
26 24 19 00-0744	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,353.67	207.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*124.48*	
26 24 19 00-0745	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	3,363.70	233.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*140.36*	
26 24 19 00-0746	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	6,332.90	319.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.83*	
26 24 19 00-0747	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	8,537.64	432.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*259.77*	
26 24 19 00-0748	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	17,142.09	559.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*335.49*	

26 24 19 00-0749 Motor Control Center Starters With Fusible Disconnect *(26 24 19 00-0484)*

Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure.
Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0750 FVNR Starters With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0751	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	1,057.50	187.24
26 24 19 00-0752	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,377.41	254.46
26 24 19 00-0753	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	2,306.11	331.58
26 24 19 00-0754	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	3,898.00	467.04
26 24 19 00-0755	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	7,866.72	593.72
26 24 19 00-0756	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	20,033.51	593.72
26 24 19 00-0757	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	1,081.47	165.99
26 24 19 00-0758	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,413.00	227.93
26 24 19 00-0759	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	2,376.81	305.64
26 24 19 00-0760	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	3,916.48	442.20
26 24 19 00-0761	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	7,870.69	561.70
26 24 19 00-0762	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	20,160.19	561.70

26 24 19 00-0763 Two Speed 2-Winding (TS2W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0764	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,830.78	234.42
26 24 19 00-0765	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,551.72	318.11
26 24 19 00-0766	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,958.82	414.27
26 24 19 00-0767	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	8,327.18	585.44
26 24 19 00-0768	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	13,575.19	685.09
26 24 19 00-0769	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,878.30	207.49
26 24 19 00-0770	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,607.61	284.69
26 24 19 00-0771	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,052.07	382.45
26 24 19 00-0772	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	8,362.08	551.73
26 24 19 00-0773	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	13,599.34	646.09

26 24 19 00-0774 Two Speed 1-Winding (TS1W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,138.90	234.42
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,272.95	318.11
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	5,946.63	414.27
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	8,741.64	585.44
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	16,556.90	685.09
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,187.33	207.49
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,328.84	284.69
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	6,039.87	382.45
26 24 19 00-0783	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	8,776.55	551.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0784	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	16,581.06	646.09
26 24 19 00-0785		**Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit** *(26 24 19 00-0484)*		
		Note: Per section. Labor is included in basic distribution section.		
26 24 19 00-0786	EA	600 Amp Horizontal Tin Plated Copper Bus Kit	232.20	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 24 19 00-0787	EA	800 Amp Horizontal Tin Plated Copper Bus Kit	284.92	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.49*	
26 24 19 00-0788	EA	1,200 Amp Horizontal Tin Plated Copper Bus Kit	342.64	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 24 19 00-0789	EA	1,600 Amp Horizontal Tin Plated Copper Bus Kit	446.25	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.99*	
26 24 19 00-0790	EA	2,000 Amp Horizontal Tin Plated Copper Bus Kit	749.37	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.49*	
26 24 19 00-0791	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit	132.68	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 24 19 00-0792		**Disconnect Switch For Motor Control Centers** *(26 24 19 00-0484)*		
26 24 19 00-0793		**3 Pole Circuit Breaker Disconnect For Motor Control Center** *(26 24 19 00-0792)*		
		Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0794	EA	150 Amp Rating, 15 To 100 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	671.16	144.14
26 24 19 00-0795	EA	150 Amp Rating, 125 To 150 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	1,126.60	159.61
26 24 19 00-0796	EA	225 Amp Rating, 70 To 225 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	1,384.91	214.97
26 24 19 00-0797	EA	400 Amp Rating, 125 To 400 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	2,260.03	283.30
26 24 19 00-0798	EA	600 Amp Rating, 300 To 600 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	3,834.65	354.12
26 24 19 00-0799	EA	800 Amp Rating, 400 To 800 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	4,348.59	354.12
26 24 19 00-0800	EA	1,200 Amp Rating, 600 To 1,200 Amp Trip Range, 3 Pole Circuit Breaker Disconnect	8,810.77	443.39
26 24 19 00-0801		**Fusible Disconnect Switch For Motor Control Center** *(26 24 19 00-0792)*		
		Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0802	EA	30 Amp Switch Rating, Fusible Disconnect Switch With 30 Amp Fuse Clips	730.21	140.15
26 24 19 00-0803	EA	60 Amp Switch Rating, Fusible Disconnect Switch With 60 Amp Fuse Clips	859.25	191.03
26 24 19 00-0804	EA	100 Amp Switch Rating, Fusible Disconnect Switch With 100 Amp Fuse Clips	1,178.66	244.39
26 24 19 00-0805	EA	200 Amp Switch Rating, Fusible Disconnect Switch With 200 Amp Fuse Clips	2,204.11	350.13
26 24 19 00-0806	EA	400 Amp Switch Rating, Fusible Disconnect Switch With 400 Amp Fuse Clips	3,926.89	445.29
26 24 19 00-0807	EA	600 Amp Switch Rating, Fusible Disconnect Switch With 600 Amp Fuse Clips	9,053.19	445.29
26 24 19 00-0808	EA	800 Amp Switch Rating, Fusible Disconnect Switch With 800 Amp Fuse Clips	11,191.40	556.62
26 24 19 00-0809	EA	1,200 Amp Switch Rating, Fusible Disconnect Switch With 1,200 Amp Fuse Clips	16,557.66	556.62
26 24 19 00-0810		**Control Circuit Transformer** *(26 24 19 00-0484)*		
26 24 19 00-0811	EA	Control Circuit Transformer, Size 1 Factory Installed	64.94	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 2 Factory Installed	64.94	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 3 Factory Installed	125.07	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 4 Factory Installed	125.07	
26 24 19 00-0815	EA	Control Circuit Transformer, Size 5 Factory Installed	173.75	
26 24 19 00-0816	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	47.24	11.29
26 24 19 00-0817		**Cover Mounted Control Devices** *(26 24 19 00-0484)*		
26 24 19 00-0818	EA	Control Device, 2 Unit Push Button Station Cover Mounted	106.51	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.47*	
26 24 19 00-0819	EA	Control Device, 2-3 Unit Selector Switch Cover Mounted	119.30	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.59*	
26 24 19 00-0820	EA	Control Device, Pilot Light Cover Mounted	100.89	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 24 19 00-0821	EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	270.96	67.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*40.88*	
26 24 19 00-0822	EA	Auxiliary Contact Add Per Starter	331.24	25.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.51*	
26 24 19 00-0823		**Extra Interlocks** *(26 24 19 00-0484)*		
		Note: Per contact.		
26 24 19 00-0824	EA	Extra Interlocks, Class I, Type A Per Contact	69.15	12.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 24 19 00-0825	EA	Extra Interlocks, Class I, Type B Per Contact	96.30	12.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.34*	
26 24 19 00-0826	EA	Extra Interlocks, Class I, Type C Per Contact	107.42	12.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.79*	
26 24 19 00-0827	EA	Extra Interlocks, Class II, Type B Per Contact	96.79	12.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.23*	
26 24 19 00-0828	EA	Extra Interlocks, Class II, Type C Per Contact	102.56	12.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.71*	
26 24 19 00-0829		**Special Cabinet Provisions** *(26 24 19 00-0484)*		
26 24 19 00-0830	EA	Provisions For Bus Duct Entrance Special Cabinet Provisions	812.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0831		**Nameplate Requirements** *(26 24 19 00-0484)*		
26 24 19 00-0832	EA	Special Cabinet Nameplate Requirements	28.86	
26 24 19 00-0833		**Auxiliary Relays** *(26 24 19 00-0484)*		
26 24 19 00-0834	EA	Industrial Control Relay, 10 Amp Class A600 With 2 Contacts	156.83	24.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.98*	
26 24 19 00-0835	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	148.15	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.98*	
26 24 19 00-0836	EA	General Purpose Control Relay, 240 Volt AC, 10 Amp, With Base	83.34	22.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.98*	
26 24 19 00-0837		**Motor Control Center Accessories** *(26 24 19 00-0484)*		
26 24 19 00-0838		**Lighting Transformer With Circuit Breaker** *(26 24 19 00-0837)* Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839	EA	1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	4,682.80	319.59
26 24 19 00-0840	EA	1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	4,868.72	332.38
26 24 19 00-0841	EA	1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,327.38	357.95
26 24 19 00-0842	EA	1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	6,701.90	383.51
26 24 19 00-0843	EA	1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	9,018.97	409.08
26 24 19 00-0844	EA	1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	11,082.08	460.21
26 24 19 00-0845	EA	1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	14,568.23	511.35
26 24 19 00-0846	EA	3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	8,500.04	421.87
26 24 19 00-0847	EA	3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	9,234.72	460.21
26 24 19 00-0848	EA	3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	10,563.03	511.35
26 24 19 00-0849	EA	3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	11,204.78	562.49
26 24 19 00-0850	EA	3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	13,523.44	613.62
26 24 19 00-0851	EA	3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	13,951.41	664.76
26 24 19 00-0852		**Bolt-On Lighting Panel** *(26 24 19 00-0837)* Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	1,920.09	519.11
26 24 19 00-0854	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	2,979.60	903.55
26 24 19 00-0855	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	3,956.45	1,222.45
26 24 19 00-0856	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	2,005.21	561.70
26 24 19 00-0857	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	2,941.15	884.29
26 24 19 00-0858	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	4,109.25	1,298.87
26 24 19 00-0859	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	3,281.91	602.10
26 24 19 00-0860	EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	4,344.98	966.60
26 24 19 00-0861	EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	5,415.37	1,298.87
26 24 19 00-0862	EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	3,376.61	649.39
26 24 19 00-0863	EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	4,344.98	966.60
26 24 19 00-0864	EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	5,499.17	1,340.76
26 24 19 00-0865		**Factory Installed Bolt-On Branch Circuit Breaker** *(26 24 19 00-0837)* Note: For MCC lighting panel only.		
26 24 19 00-0866	EA	15 A / 1 Pole - 30 A / 1 Pole Bolt-On Branch Circuit Breaker	15.36	
26 24 19 00-0867	EA	15 A / 1 Pole - 30 A / 1 Pole (GFI) Bolt-On Branch Circuit Breaker	250.53	
26 24 19 00-0868	EA	15 A / 2 Pole - 50 A / 2 Pole Bolt-On Branch Circuit Breaker	30.01	
26 24 19 00-0869	EA	60 A / 2 Pole - 100 A / 2 Pole Bolt-On Branch Circuit Breaker	69.10	
26 24 19 00-0870	EA	15 A / 3 Pole - 50 A / 3 Pole Bolt-On Branch Circuit Breaker	80.97	
26 24 19 00-0871	EA	60 A / 3 Pole - 100 A / 3 Pole Bolt-On Branch Circuit Breaker	122.85	
26 24 19 00-0872		**Blank Unit Door (BUD)** *(26 24 19 00-0837)* Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0873	EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	66.81	
26 24 19 00-0874	EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	80.17	
26 24 19 00-0875	EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	120.26	
26 24 19 00-0876	EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	160.34	
26 24 19 00-0877	EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	240.51	
26 24 19 00-0878	EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	280.60	
26 24 19 00-0879	EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	320.68	

26 25 Enclosed Bus Assemblies *(26 20)*

26 25 13 Low-Voltage Busways *(26 25)*

26 25 13 00-0001		**Plug-In Bus Duct** *(26 25 13)* Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 13 00-0002		**600 Volt, 3-Phase, 3-Wire, Copper Conductors** *(26 25 13 00-0001)*		
26 25 13 00-0003	LF	225 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	275.26	29.93
26 25 13 00-0004	LF	400 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	392.04	29.93
26 25 13 00-0005	LF	600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	497.66	39.90
26 25 13 00-0006	LF	800 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	689.88	39.90
26 25 13 00-0007	LF	1,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	727.61	49.87
26 25 13 00-0008	LF	1,350 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,016.87	49.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0009	LF	1,600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,191.64	52.37
26 25 13 00-0010	LF	2,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,453.25	53.87
26 25 13 00-0011	LF	2,500 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,795.78	56.86
26 25 13 00-0012	LF	3,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,073.36	66.33
26 25 13 00-0013	LF	4,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,400.46	72.32
26 25 13 00-0014		277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0001)*		
26 25 13 00-0015	LF	225 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	455.83	29.93
26 25 13 00-0016	LF	400 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	660.20	29.93
26 25 13 00-0017	LF	600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	746.49	39.90
26 25 13 00-0018	LF	800 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	950.58	39.90
26 25 13 00-0019	LF	1,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,160.88	49.87
26 25 13 00-0020	LF	1,350 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,506.70	49.87
26 25 13 00-0021	LF	1,600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,949.77	51.68
26 25 13 00-0022	LF	2,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,350.22	53.87
26 25 13 00-0023	LF	2,500 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,917.09	56.35
26 25 13 00-0024	LF	3,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,367.22	66.33
26 25 13 00-0025	LF	4,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,904.33	72.32
26 25 13 00-0026		Cable Tap Boxes *(26 25 13 00-0001)*		
26 25 13 00-0027		600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0026)*		
26 25 13 00-0028	EA	225 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,294.38	139.65
26 25 13 00-0029	EA	400 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,363.60	139.65
26 25 13 00-0030	EA	600 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,550.50	189.53
26 25 13 00-0031	EA	800 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,708.98	189.53
26 25 13 00-0032	EA	1,000 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,901.48	249.38
26 25 13 00-0033	EA	1,350 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	3,177.47	249.38
26 25 13 00-0034		277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0026)*		
26 25 13 00-0035	EA	225 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,363.60	274.32
26 25 13 00-0036	EA	400 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,561.95	274.32
26 25 13 00-0037	EA	600 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,730.85	374.07
26 25 13 00-0038	EA	800 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,067.50	374.07
26 25 13 00-0039	EA	1,000 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,219.59	498.76
26 25 13 00-0040	EA	1,350 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,665.17	498.76
26 25 13 00-0041		Bus Duct Plug-In Circuit Breaker *(26 25 13 00-0001)*		
26 25 13 00-0042		240 Volt, 3-Phase *(26 25 13 00-0041)*		
26 25 13 00-0043	EA	60 Amp Bus Duct Circuit Breaker 240 Volt, 3 Phase Plug-in Circuit Breaker	1,022.80	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.57*	
26 25 13 00-0044	EA	100 Amp Bus Duct Circuit Breaker 240 Volt, 3 Phase Plug-in Circuit Breaker	2,056.42	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.05*	
26 25 13 00-0045		600 Volt, 3-Phase *(26 25 13 00-0041)*		
26 25 13 00-0046	EA	60 Amp Bus Duct Circuit Breaker 600 Volt, 3 Phase Plug-in Circuit Breaker	2,004.82	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.57*	
26 25 13 00-0047	EA	100 Amp Bus Duct Circuit Breaker 600 Volt, 3 Phase Plug-in Circuit Breaker	2,597.06	99.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*70.05*	
26 25 13 00-0048		120/208 Volt, 3-Phase, 4-Wire *(26 25 13 00-0041)*		
26 25 13 00-0049	EA	60 Amp Bus Duct Circuit Breaker 120/208 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,178.08	119.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.35*	
26 25 13 00-0050	EA	100 Amp Bus Duct Circuit Breaker 120/208 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,405.45	119.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.93*	
26 25 13 00-0051		277/480 Volt, 3-Phase, 4-Wire *(26 25 13 00-0041)*		
26 25 13 00-0052	EA	60 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,353.50	119.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.35*	
26 25 13 00-0053	EA	100 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	2,092.33	119.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*77.93*	
26 25 13 00-0054	EA	225 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	3,019.81	413.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*179.41*	
26 25 13 00-0055	EA	400 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	7,229.10	413.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*389.66*	
26 25 13 00-0056	EA	600 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	8,016.79	1,197.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*542.13*	
26 25 13 00-0057	EA	800 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	9,872.58	1,197.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*959.15*	
26 25 13 00-0058		Bus Duct Plug-In Fusible Switch *(26 25 13 00-0001)*		
26 25 13 00-0059		240 Volt, 3-Pole, 3-Fuse *(26 25 13 00-0058)*		
26 25 13 00-0060	EA	30 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,020.38	99.76
26 25 13 00-0061	EA	60 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,117.17	99.76
26 25 13 00-0062	EA	100 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,548.82	119.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0063	EA	200 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	2,609.70	239.41
26 25 13 00-0064	EA	400 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	6,623.92	538.66
26 25 13 00-0065	EA	600 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	9,847.63	937.66
26 25 13 00-0066		**600 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0067	EA	30 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,065.24	109.72
26 25 13 00-0068	EA	60 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,159.37	109.72
26 25 13 00-0069	EA	100 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,565.04	109.72
26 25 13 00-0070	EA	200 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	2,679.91	229.43
26 25 13 00-0071	EA	400 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	6,597.28	518.70
26 25 13 00-0072	EA	600 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	10,036.56	997.51
26 25 13 00-0073	EA	800 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	16,587.14	1,296.77
26 25 13 00-0074		**120/208 Volt, 4-pole, 3 Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0075	EA	30 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,182.42	129.68
26 25 13 00-0076	EA	60 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,264.49	129.68
26 25 13 00-0077	EA	100 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,710.34	129.68
26 25 13 00-0078	EA	200 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	2,900.99	269.33
26 25 13 00-0079	EA	400 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	7,258.95	598.51
26 25 13 00-0080	EA	600 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	10,551.93	917.72
26 25 13 00-0081		**277/480 Volt, 4-pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0082	EA	30 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,222.76	129.68
26 25 13 00-0083	EA	60 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,304.83	110.02
26 25 13 00-0084	EA	100 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,827.95	149.63
26 25 13 00-0085	EA	200 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	3,026.41	269.33
26 25 13 00-0086	EA	400 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	7,258.95	598.51
26 25 13 00-0087	EA	600 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	10,551.93	917.72
26 25 13 00-0088	EA	800 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	16,799.98	1,216.97

26 25 16 Low-Voltage Cablebus Systems *(26 25)*

26 25 16 00-0001 Feeder Bus Duct *(26 25 16)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 16 00-0002 600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance *(26 25 16 00-0001)*

Note: Copper conductors.

26 25 16 00-0003	LF	800 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	833.18	41.90
26 25 16 00-0004	LF	1,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	843.67	41.90
26 25 16 00-0005	LF	1,350 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	1,107.01	41.90
26 25 16 00-0006	LF	1,600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	1,331.34	41.90
26 25 16 00-0007	LF	2,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	1,628.46	41.90
26 25 16 00-0008	LF	3,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	2,221.52	99.76
26 25 16 00-0009	LF	4,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	3,074.39	99.76
26 25 16 00-0010	LF	5,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	3,637.24	99.76
26 25 16 00-0011	LF	6,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	4,482.98	99.76

26 25 16 00-0012 277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated *(26 25 16 00-0001)*

Note: Low impedance, copper conductors.

26 25 16 00-0013	LF	800 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	957.04	44.88
26 25 16 00-0014	LF	1,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	970.58	44.88
26 25 16 00-0015	LF	1,350 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	1,251.51	44.88
26 25 16 00-0016	LF	1,600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	1,483.80	44.88
26 25 16 00-0017	LF	2,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	1,793.39	44.88
26 25 16 00-0018	LF	3,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	2,759.09	76.81
26 25 16 00-0019	LF	4,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	3,461.02	76.81
26 25 16 00-0020	LF	5,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	4,094.56	142.65
26 25 16 00-0021	LF	6,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	5,053.65	142.65

26 27 Low-Voltage Distribution Equipment *(26 20)*

26 27 13 Electricity Metering *(26 27)*

26 27 13 00-0001 Revenue Metering *(26 27 13)*

26 27 13 00-0002 Meter Socket Base *(26 27 13 00-0001)*

Note: NEMA 3R.

26 27 13 00-0003	EA	100 Amp, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	269.54	64.84
26 27 13 00-0004	EA	100 Amp, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	288.14	64.84
26 27 13 00-0005	EA	200 Amp, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	364.25	79.80
26 27 13 00-0006	EA	200 Amp, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	369.54	79.80
26 27 13 00-0007	EA	200 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	760.55	89.78
26 27 13 00-0008	EA	320 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release	1,025.45	99.76
26 27 13 00-0009	EA	400 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release	2,631.62	109.72
26 27 13 00-0010	EA	Combination Motor And Current Transformer Cabinet, 15-30 A, 13 Terminal, Underground, With Test Switch And Transformer - Socket Base	2,755.08	498.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0011		Meter Device *(26 27 13 00-0001)*		
		Note: Direct read, with 15 minute demand.		
26 27 13 00-0012	EA	100 To 200 Amp, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	291.33	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.27*	
26 27 13 00-0013	EA	200 Amp, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	846.94	19.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.49*	
26 27 13 00-0014		Current Transformer Enclosure *(26 27 13 00-0001)*		
26 27 13 00-0015	EA	Current Transformer Cover, Screwed, 18" x 24" x 9", NEMA 3R	544.32	129.68
26 27 13 00-0016		120/240 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*		
26 27 13 00-0017		800 Amp Bus, 4 Jaw Sockets, 125 Amp Max., 2 Pole *(26 27 13 00-0016)*		
26 27 13 00-0018	EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,148.07	62.35
26 27 13 00-0019	EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,516.14	74.81
26 27 13 00-0020	EA	5 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,882.19	87.28
26 27 13 00-0021	EA	6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	2,182.04	99.76
26 27 13 00-0022	EA	7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	2,853.12	112.22
26 27 13 00-0023	EA	8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	3,078.71	124.69
26 27 13 00-0024	EA	10 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	3,590.13	149.63
26 27 13 00-0025		1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max., 2 Pole *(26 27 13 00-0016)*		
26 27 13 00-0026	EA	3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	2,151.38	62.35
26 27 13 00-0027	EA	4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	2,838.51	74.81
26 27 13 00-0028	EA	6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	3,911.77	99.76
26 27 13 00-0029	EA	7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	4,338.02	112.22
26 27 13 00-0030	EA	8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	5,466.59	124.69
26 27 13 00-0031		800 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0016)*		
26 27 13 00-0032	EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,763.80	87.28
26 27 13 00-0033	EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,326.52	99.76
26 27 13 00-0034	EA	5 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,853.12	112.22
26 27 13 00-0035	EA	6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	3,359.64	124.69
26 27 13 00-0036	EA	7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	4,247.42	137.16
26 27 13 00-0037	EA	8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	4,452.97	149.63
26 27 13 00-0038	EA	10 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AI	5,526.20	174.56
26 27 13 00-0039		1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0016)*		
26 27 13 00-0040	EA	3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,763.10	87.28
26 27 13 00-0041	EA	4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	3,630.82	99.76
26 27 13 00-0042	EA	6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	5,125.47	124.69
26 27 13 00-0043	EA	7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	5,491.52	137.16
26 27 13 00-0044	EA	8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	7,041.47	149.63
26 27 13 00-0045		120/208 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*		
26 27 13 00-0046		800 Amp Bus, 5 Jaw Sockets, 125 A Max., 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0047	EA	3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,245.24	74.81
26 27 13 00-0048	EA	4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,635.38	87.28
26 27 13 00-0049	EA	5 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	2,023.52	99.76
26 27 13 00-0050	EA	6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	2,351.47	112.22
26 27 13 00-0051	EA	7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	2,898.12	124.69
26 27 13 00-0052	EA	8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	3,123.71	137.16
26 27 13 00-0053	EA	10 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	3,855.85	162.10
26 27 13 00-0054		1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0055	EA	3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,256.59	74.81
26 27 13 00-0056	EA	4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,983.84	87.28
26 27 13 00-0057	EA	6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	4,317.95	112.22
26 27 13 00-0058	EA	7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	4,744.21	124.69
26 27 13 00-0059	EA	8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	5,752.41	137.16
26 27 13 00-0060		800 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,861.00	99.76
26 27 13 00-0062	EA	4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,431.75	112.22
26 27 13 00-0063	EA	5 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	3,018.54	124.69
26 27 13 00-0064	EA	6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	3,525.06	137.16
26 27 13 00-0065	EA	7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	4,453.01	149.63
26 27 13 00-0066	EA	8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	4,658.50	162.10
26 27 13 00-0067	EA	10 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	5,812.05	187.04
26 27 13 00-0068		1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0045)*		
26 27 13 00-0069	EA	3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,888.39	99.76
26 27 13 00-0070	EA	4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	3,816.32	112.22
26 27 13 00-0071	EA	6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	5,491.55	137.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0072	EA	7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	5,737.21	149.63
26 27 13 00-0073	EA	8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	7,307.24	162.10
26 27 13 00-0074		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0075		800 Amp Bus, 4 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0076	EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,148.07	62.35
26 27 13 00-0077	EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,516.14	74.81
26 27 13 00-0078	EA	6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	2,182.04	99.76
26 27 13 00-0079	EA	7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	2,853.12	112.22
26 27 13 00-0080	EA	8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	3,540.24	124.69
26 27 13 00-0081		1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0082	EA	3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	2,151.38	62.35
26 27 13 00-0083	EA	4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	2,838.50	74.81
26 27 13 00-0084	EA	6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	4,112.41	99.76
26 27 13 00-0085	EA	7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	4,538.68	112.22
26 27 13 00-0086	EA	8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	5,466.59	124.69
26 27 13 00-0087		800 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,763.80	87.28
26 27 13 00-0089	EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,326.52	99.76
26 27 13 00-0090	EA	6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	3,359.64	124.69
26 27 13 00-0091	EA	7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	4,247.42	137.16
26 27 13 00-0092	EA	8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	4,452.97	149.63
26 27 13 00-0093		1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0074)*		
26 27 13 00-0094	EA	3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,763.11	87.28
26 27 13 00-0095	EA	4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	3,630.82	99.76
26 27 13 00-0096	EA	6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	5,125.47	124.69
26 27 13 00-0097	EA	7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	5,491.52	137.16
26 27 13 00-0098	EA	8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	7,041.51	149.63
26 27 13 00-0099		120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0100		800 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0101	EA	3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,245.24	74.81
26 27 13 00-0102	EA	4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,635.38	87.28
26 27 13 00-0103	EA	6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,351.47	112.22
26 27 13 00-0104	EA	7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	3,098.78	124.69
26 27 13 00-0105	EA	8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	3,525.03	137.16
26 27 13 00-0106		1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0107	EA	3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,256.58	74.81
26 27 13 00-0108	EA	4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,983.83	87.28
26 27 13 00-0109	EA	6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	4,117.29	112.22
26 27 13 00-0110	EA	7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	4,543.55	124.69
26 27 13 00-0111	EA	8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	5,752.38	137.16
26 27 13 00-0112		800 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,860.98	99.76
26 27 13 00-0114	EA	4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,431.73	112.22
26 27 13 00-0115	EA	6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	3,525.03	137.16
26 27 13 00-0116	EA	7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	4,452.97	149.63
26 27 13 00-0117	EA	8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	4,658.50	162.10
26 27 13 00-0118		1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole *(26 27 13 00-0099)*		
26 27 13 00-0119	EA	3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,888.37	99.76
26 27 13 00-0120	EA	4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	3,816.30	112.22
26 27 13 00-0121	EA	6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	5,491.52	137.16
26 27 13 00-0122	EA	7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	5,737.21	149.63
26 27 13 00-0123	EA	8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	7,307.24	162.10
26 27 13 00-0124		Watt/Hour Meters *(26 27 13)*		
26 27 13 00-0125	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	1,198.38	59.85
26 27 13 00-0126	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	3,720.06	119.70
26 27 13 00-0127	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,942.97	89.78
26 27 13 00-0128	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	2,401.25	89.78
26 27 13 00-0129	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	2,010.29	89.78
26 27 13 00-0130	EA	C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,375.02	82.79
26 27 13 00-0131	EA	P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	2,344.66	149.63

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0132		Watt/Hour Meter Systems *(26 27 13)* Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0133		Watt/Hour Meter System Without Main Breaker *(26 27 13 00-0132)*		
26 27 13 00-0134	EA	400 Amp System; 200 Amp M-90 Meter And Enclosure	5,849.20	598.61
26 27 13 00-0135	EA	600-800 Amp System; 200 Amp M-90 Meter And Enclosure	6,930.72	598.61
26 27 13 00-0136		Watt/Hour Meter System With Main Breaker *(26 27 13 00-0132)*		
26 27 13 00-0137	EA	400 Amp System; 400 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	10,597.64	598.61
26 27 13 00-0138	EA	600 Amp System; 600 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	12,955.97	598.61
26 27 13 00-0139	EA	800 Amp System; 800 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	13,956.12	598.61
26 27 16		**Electrical Cabinets And Enclosures** *(26 27)* Note: Can be used as enclosure or pull/junction boxes.		
26 27 16 00-0001		NEMA 1 Enclosures, Lockable *(26 27 16)*		
26 27 16 00-0002		Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*		
26 27 16 00-0003		4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)*		
26 27 16 00-0004	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	60.57	19.95
26 27 16 00-0005	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	67.72	21.94
26 27 16 00-0006	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	74.93	23.94
26 27 16 00-0007	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	87.47	27.93
26 27 16 00-0008	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	95.03	29.93
26 27 16 00-0009	EA	10" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	103.08	31.92
26 27 16 00-0010	EA	12" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	102.83	31.92
26 27 16 00-0011	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	111.04	33.91
26 27 16 00-0012	EA	12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	119.63	35.91
26 27 16 00-0013	EA	16" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	155.77	47.88
26 27 16 00-0014	EA	16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	188.85	57.86
26 27 16 00-0015	EA	18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	179.84	55.86
26 27 16 00-0016		6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)*		
26 27 16 00-0017	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	75.41	23.94
26 27 16 00-0018	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	91.01	27.93
26 27 16 00-0019	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	108.91	33.91
26 27 16 00-0020	EA	10" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	117.32	35.91
26 27 16 00-0021	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	125.87	37.91
26 27 16 00-0022	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	134.77	39.90
26 27 16 00-0023	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	171.71	51.87
26 27 16 00-0024	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	208.65	63.84
26 27 16 00-0025	EA	18" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	201.34	61.85
26 27 16 00-0026	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	261.84	79.80
26 27 16 00-0027	EA	24" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	330.92	91.77
26 27 16 00-0028	EA	24" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	375.65	99.76
26 27 16 00-0029	EA	30" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	415.62	105.74
26 27 16 00-0030	EA	36" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	450.60	109.72
26 27 16 00-0031	EA	24-1/2" x 12-1/2" x 6-1/2" Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L)	299.02	79.80
26 27 16 00-0032		Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*		
26 27 16 00-0033		3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0034	EA	4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	41.89	13.97
26 27 16 00-0035	EA	6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	59.86	19.95
26 27 16 00-0036	EA	8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	66.63	21.94
26 27 16 00-0037		4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0038	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	47.00	15.96
26 27 16 00-0039	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	58.35	19.95
26 27 16 00-0040	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	65.01	21.94
26 27 16 00-0041	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	71.78	23.94
26 27 16 00-0042	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	83.75	27.93
26 27 16 00-0043	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	90.78	29.93
26 27 16 00-0044	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	98.12	31.92
26 27 16 00-0045	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	97.89	31.92
26 27 16 00-0046	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	105.51	33.91
26 27 16 00-0047	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	113.32	35.91
26 27 16 00-0048	EA	16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	148.67	47.88
26 27 16 00-0049	EA	16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	184.49	59.85
26 27 16 00-0050	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	171.34	55.86
26 27 16 00-0051	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	221.68	71.82
26 27 16 00-0052	EA	24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	313.26	89.78
26 27 16 00-0053		6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0054	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	72.11	23.94
26 27 16 00-0055	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	79.32	25.94
26 27 16 00-0056	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	91.44	29.93

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0057	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	103.78	33.91
26 27 16 00-0058	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	111.50	35.91
26 27 16 00-0059	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	119.29	37.91
26 27 16 00-0060	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	127.36	39.90
26 27 16 00-0061	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	163.44	51.87
26 27 16 00-0062	EA	16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	200.87	63.84
26 27 16 00-0063	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	191.48	61.85
26 27 16 00-0064	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	248.66	79.80
26 27 16 00-0065	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	306.71	91.77
26 27 16 00-0066	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	348.86	99.76
26 27 16 00-0067	EA	30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	375.70	105.74
26 27 16 00-0068	EA	36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	408.06	109.72
26 27 16 00-0069		8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0070	EA	8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	103.78	33.91
26 27 16 00-0071	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	140.42	43.89
26 27 16 00-0072	EA	16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	178.54	55.86
26 27 16 00-0073	EA	16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	221.84	69.83
26 27 16 00-0074	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	212.56	67.83
26 27 16 00-0075	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	263.21	83.80
26 27 16 00-0076	EA	24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	294.67	95.76
26 27 16 00-0077	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	337.22	101.75
26 27 16 00-0078	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	384.56	109.72
26 27 16 00-0079	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	408.67	115.72
26 27 16 00-0080	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	428.45	119.70
26 27 16 00-0081	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	438.24	119.70
26 27 16 00-0082		10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0083	EA	18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	240.67	75.81
26 27 16 00-0084	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	315.75	97.75
26 27 16 00-0085	EA	24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	321.95	103.74
26 27 16 00-0086	EA	24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	406.51	111.72
26 27 16 00-0087	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	465.45	123.69
26 27 16 00-0088	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	511.85	127.68
26 27 16 00-0089	EA	36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	544.79	133.67
26 27 16 00-0090		12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0091	EA	18" x 18" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	348.50	107.73
26 27 16 00-0092	EA	24" x 12" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	350.23	113.72
26 27 16 00-0093	EA	24" x 18" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	447.38	123.69
26 27 16 00-0094	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	508.38	135.66
26 27 16 00-0095	EA	30" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	565.30	141.64
26 27 16 00-0096	EA	36" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure	595.37	147.63
26 27 16 00-0097		NEMA 1 Enclosures For Up To 6 Boards, Lockable *(26 27 16)*		
26 27 16 00-0098		4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures *(26 27 16 00-0097)*		
26 27 16 00-0099	EA	24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12)	761.68	87.78
26 27 16 00-0100		NEMA 12 Enclosures, Lockable *(26 27 16)*		
		Note: Dust-tight enclosures.		
26 27 16 00-0101		Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)*		
26 27 16 00-0102		4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0101)*		
26 27 16 00-0103	EA	4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	80.34	15.96
26 27 16 00-0104	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	105.16	21.94
26 27 16 00-0105	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	130.47	27.93
26 27 16 00-0106	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	141.10	29.93
26 27 16 00-0107	EA	12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	157.62	31.92
26 27 16 00-0108	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	169.57	33.91
26 27 16 00-0109		6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0101)*		
26 27 16 00-0110	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	116.56	23.94
26 27 16 00-0111	EA	8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	128.22	25.94
26 27 16 00-0112		Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)*		
26 27 16 00-0113		4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0112)*		
26 27 16 00-0114	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	160.11	15.96
26 27 16 00-0115	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	193.00	21.94
26 27 16 00-0116	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	217.96	23.94
26 27 16 00-0117	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	249.55	27.93
26 27 16 00-0118	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	257.07	29.93
26 27 16 00-0119	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	302.45	31.92
26 27 16 00-0120	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	324.63	33.91
26 27 16 00-0121	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	368.51	35.91

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0122		**6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0123	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	234.04	23.94
26 27 16 00-0124	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	264.21	25.94
26 27 16 00-0125	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	288.54	29.93
26 27 16 00-0126	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	341.45	35.91
26 27 16 00-0127	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	371.12	39.90
26 27 16 00-0128	EA	16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	514.17	51.87
26 27 16 00-0129	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	796.57	79.80
26 27 16 00-0130	EA	24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,039.13	91.77
26 27 16 00-0131	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,170.32	99.76
26 27 16 00-0132		**8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0133	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,085.55	101.75
26 27 16 00-0134	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,248.51	109.72
26 27 16 00-0135	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,370.75	115.72
26 27 16 00-0136	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,508.67	119.70
26 27 16 00-0137	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,488.45	119.70
26 27 16 00-0138		**Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0100)*		
26 27 16 00-0139		**8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0138)*		
26 27 16 00-0140	EA	60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	4,672.16	162.10
26 27 16 00-0141		**10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0138)*		
26 27 16 00-0142	EA	60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	4,721.69	179.55
26 27 16 00-0143	EA	60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	5,412.50	192.02
26 27 16 00-0144	EA	72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,231.59	239.41
26 27 16 00-0145	EA	72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,962.32	282.29
26 27 16 00-0146		**12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0138)*		
26 27 16 00-0147	EA	60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	5,060.76	282.29
26 27 16 00-0148	EA	60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	5,637.40	299.26
26 27 16 00-0149	EA	72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,397.45	319.20
26 27 16 00-0150	EA	72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,050.76	319.20
26 27 16 00-0151		**NEMA 3 Enclosures, Lockable** *(26 27 16)* Note: Can be used underground or encased in concrete.		
26 27 16 00-0152		**2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0153	EA	4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	248.00	69.83
26 27 16 00-0154		**3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0155	EA	4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	265.15	69.83
26 27 16 00-0156	EA	5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	335.05	72.32
26 27 16 00-0157	EA	6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	346.71	72.32
26 27 16 00-0158	EA	6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	432.02	74.81
26 27 16 00-0159		**4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0160	EA	4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	331.89	72.32
26 27 16 00-0161	EA	5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	362.40	72.32
26 27 16 00-0162	EA	6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	377.64	74.81
26 27 16 00-0163	EA	6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	471.35	74.81
26 27 16 00-0164	EA	8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	517.61	79.80
26 27 16 00-0165	EA	8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	556.92	84.79
26 27 16 00-0166	EA	10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	579.20	84.79
26 27 16 00-0167	EA	10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	685.78	87.28
26 27 16 00-0168	EA	12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	742.90	89.78
26 27 16 00-0169	EA	12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,012.03	99.76
26 27 16 00-0170		**6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0171	EA	6" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	497.45	77.30
26 27 16 00-0172	EA	8" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	624.66	87.28
26 27 16 00-0173	EA	8" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	729.19	89.78
26 27 16 00-0174	EA	10" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	837.94	92.27
26 27 16 00-0175	EA	10" x 10" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	890.51	92.27
26 27 16 00-0176	EA	12" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,011.74	99.76
26 27 16 00-0177	EA	12" x 12" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,169.62	112.22
26 27 16 00-0178	EA	16" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,102.45	107.23
26 27 16 00-0179	EA	18" x 12" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,141.46	199.50
26 27 16 00-0180	EA	18" x 18" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,689.54	249.38

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0181		8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0182	EA	8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	899.25	94.77
26 27 16 00-0183	EA	12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,348.50	124.69
26 27 16 00-0184	EA	12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,369.97	124.69
26 27 16 00-0185	EA	16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,859.86	187.04
26 27 16 00-0186	EA	18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,439.69	199.50
26 27 16 00-0187	EA	24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	6,157.66	349.13
26 27 16 00-0188		10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0189	EA	18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,249.53	249.38
26 27 16 00-0190		12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures *(26 27 16 00-0151)*		
26 27 16 00-0191	EA	18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,979.91	299.26
26 27 16 00-0192	EA	24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,101.41	274.32
26 27 16 00-0193		NEMA 3R Enclosures, Lockable *(26 27 16)*		
		Note: Rain-tight enclosures.		
26 27 16 00-0194		Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0193)*		
26 27 16 00-0195		4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0196	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	67.41	19.95
26 27 16 00-0197	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	74.33	21.94
26 27 16 00-0198	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	94.92	21.94
26 27 16 00-0199		6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0200	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	125.52	29.93
26 27 16 00-0201	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	140.82	33.91
26 27 16 00-0202	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	163.00	37.91
26 27 16 00-0203	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	174.94	39.90
26 27 16 00-0204	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	227.67	51.87
26 27 16 00-0205	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	274.40	63.84
26 27 16 00-0206	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	321.57	79.80
26 27 16 00-0207		8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0208	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	465.35	101.75
26 27 16 00-0209	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	512.42	109.72
26 27 16 00-0210	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	567.59	115.72
26 27 16 00-0211	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	594.62	119.70
26 27 16 00-0212		10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0213	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	574.12	123.69
26 27 16 00-0214	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	648.44	139.65
26 27 16 00-0215	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	718.13	154.62
26 27 16 00-0216	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	790.47	170.58
26 27 16 00-0217	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	861.15	185.53
26 27 16 00-0218	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	394.15	97.75
26 27 16 00-0219	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	574.12	123.69
26 27 16 00-0220	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	657.53	127.68
26 27 16 00-0221	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	806.35	139.65
26 27 16 00-0222		12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0194)*		
26 27 16 00-0223	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	531.51	98.75
26 27 16 00-0224	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	596.47	110.73
26 27 16 00-0225	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	660.44	122.70
26 27 16 00-0226	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	729.67	135.66
26 27 16 00-0227	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	794.63	147.63
26 27 16 00-0228	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	397.32	73.82
26 27 16 00-0229	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	531.51	98.75
26 27 16 00-0230	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	596.47	110.73
26 27 16 00-0231	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	700.62	129.68
26 27 16 00-0232	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	794.63	147.63
26 27 16 00-0233	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	761.56	145.64
26 27 16 00-0234	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	794.63	147.63
26 27 16 00-0235	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	832.44	151.62
26 27 16 00-0236	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	916.26	159.61
26 27 16 00-0237	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	987.24	167.58
26 27 16 00-0238		Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0193)*		
26 27 16 00-0239		4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures *(26 27 16 00-0238)*		
26 27 16 00-0240	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	57.35	15.96
26 27 16 00-0241	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	69.51	19.95
26 27 16 00-0242	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	76.73	21.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0243	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	84.97	23.94
26 27 16 00-0244	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	98.71	27.93
26 27 16 00-0245	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	107.44	29.93
26 27 16 00-0246	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	116.88	31.92
26 27 16 00-0247	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	116.40	31.92
26 27 16 00-0248	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	126.95	33.91
26 27 16 00-0249	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	136.39	35.91
26 27 16 00-0250	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	206.52	55.86
26 27 16 00-0251	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure	274.70	71.82
26 27 16 00-0252		**6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0253	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	80.20	23.94
26 27 16 00-0254	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	108.72	29.93
26 27 16 00-0255	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	123.17	33.91
26 27 16 00-0256	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	133.27	35.91
26 27 16 00-0257	EA	12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	132.57	35.91
26 27 16 00-0258	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	143.25	37.91
26 27 16 00-0259	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	154.01	39.90
26 27 16 00-0260	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	200.93	51.87
26 27 16 00-0261	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	231.89	61.85
26 27 16 00-0262	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	308.69	79.80
26 27 16 00-0263	EA	24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	322.92	85.79
26 27 16 00-0264	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	367.42	91.77
26 27 16 00-0265	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	412.90	99.76
26 27 16 00-0266		**8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0267	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	172.17	43.89
26 27 16 00-0268	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	250.48	67.83
26 27 16 00-0269	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	341.42	87.78
26 27 16 00-0270	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	406.60	101.75
26 27 16 00-0271	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	458.62	109.72
26 27 16 00-0272	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	507.88	115.72
26 27 16 00-0273		**10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0274	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	376.89	97.75
26 27 16 00-0275	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	505.12	123.69
26 27 16 00-0276	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	552.05	127.68
26 27 16 00-0277		**12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0278	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	557.76	135.66
26 27 16 00-0279	EA	30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	765.96	147.63
26 27 16 00-0280	EA	36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	791.37	151.62
26 27 16 00-0281	EA	36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	920.87	159.61
26 27 16 00-0282		**NEMA 4 Enclosures, Lockable** *(26 27 16)* Note: Water-tight enclosures.		
26 27 16 00-0283		**Hinge Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0282)*		
26 27 16 00-0284	EA	4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	92.19	13.97
26 27 16 00-0285	EA	6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	107.67	16.96
26 27 16 00-0286	EA	8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	134.67	21.94
26 27 16 00-0287	EA	6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	128.16	21.94
26 27 16 00-0288	EA	10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	171.30	29.93
26 27 16 00-0289	EA	12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	213.39	35.91
26 27 16 00-0290	EA	10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	197.14	33.91
26 27 16 00-0291	EA	12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	229.85	39.90
26 27 16 00-0292	EA	14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	270.42	45.89
26 27 16 00-0293	EA	16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	327.85	57.86
26 27 16 00-0294		**Clamp Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0282)*		
26 27 16 00-0295	EA	4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	84.63	13.97
26 27 16 00-0296	EA	6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	120.61	21.94
26 27 16 00-0297		**Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures** *(26 27 16 00-0282)*		
26 27 16 00-0298	EA	6" x 6" x 4" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	106.31	19.16
26 27 16 00-0299	EA	8" x 6" x 4" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	112.95	20.75
26 27 16 00-0300	EA	10" x 8" x 6" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	138.69	27.13
26 27 16 00-0301	EA	12" x 10" x 6" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	162.13	29.93
26 27 16 00-0302	EA	14" x 12" x 8" Screw Cover, Fiberglass NEMA 4 Enclosure	209.64	37.91
26 27 16 00-0303	EA	16" x 14" x 8" Screw Cover, Fiberglass NEMA 4 Enclosure	245.06	44.88
26 27 16 00-0304	EA	18" x 16" x 10" Screw Cover, Fiberglass NEMA 4 Enclosure	345.28	71.82
26 27 16 00-0305		**NEMA 4X Enclosures, Lockable** *(26 27 16)* Note: Water-tight enclosures.		
26 27 16 00-0306		**Clamp Cover, Aluminum NEMA 4X Enclosures** *(26 27 16 00-0305)*		
26 27 16 00-0307	EA	6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	183.33	15.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0308	EA	6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	216.18	21.94
26 27 16 00-0309	EA	10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	274.05	29.93
26 27 16 00-0310	EA	12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	332.70	35.91
26 27 16 00-0311	EA	14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	410.19	45.89
26 27 16 00-0312	EA	16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	484.45	57.86

26 27 16 00-0313 Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures *(26 27 16 00-0305)*

26 27 16 00-0314	EA	4" x 4" x 3" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	165.00	13.97
		For 316L Stainless Steel, Add	*35.12*	
26 27 16 00-0315	EA	6" x 4" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	216.33	19.95
		For 316L Stainless Steel, Add	*44.94*	
26 27 16 00-0316	EA	6" x 6" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	244.50	21.94
		For 316L Stainless Steel, Add	*51.20*	
26 27 16 00-0317	EA	8" x 6" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	278.70	23.94
		For 316L Stainless Steel, Add	*59.09*	
26 27 16 00-0318	EA	10" x 8" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	342.79	29.93
		For 316L Stainless Steel, Add	*72.35*	
26 27 16 00-0319	EA	12" x 10" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	478.11	37.91
		For 316L Stainless Steel, Add	*103.50*	
26 27 16 00-0320	EA	14" x 12" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	594.71	45.89
		For 316L Stainless Steel, Add	*129.60*	
26 27 16 00-0321	EA	16" x 14" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	719.41	57.86
		For 316L Stainless Steel, Add	*155.19*	

26 27 16 00-0322 Screw Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0305)*

Note: NEMA 3R, 4, 4X and 12 rated.

26 27 16 00-0323	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	101.93	21.94
26 27 16 00-0324	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	114.35	23.94
26 27 16 00-0325	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	131.15	27.93
26 27 16 00-0326	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	142.32	29.93
26 27 16 00-0327	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	164.07	33.91
26 27 16 00-0328	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	155.39	33.91
26 27 16 00-0329	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	180.20	37.91
26 27 16 00-0330	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	224.95	45.89
26 27 16 00-0331	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	289.65	62.85
26 27 16 00-0332	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	378.18	90.48
26 27 16 00-0333	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	108.75	21.94
26 27 16 00-0334	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	122.41	23.94
26 27 16 00-0335	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	139.82	27.93
26 27 16 00-0336	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	152.85	29.93
26 27 16 00-0337	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	175.21	33.91
26 27 16 00-0338	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	165.93	33.91
26 27 16 00-0339	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	194.49	37.91
26 27 16 00-0340	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	232.39	45.89
26 27 16 00-0341	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	305.14	62.85
26 27 16 00-0342	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	394.90	90.48

26 27 16 00-0343 Hinged Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0305)*

Note: NEMA 3R, 4, 4X and 12 rated.

26 27 16 00-0344	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	121.14	21.94
26 27 16 00-0345	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	129.84	23.94
26 27 16 00-0346	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	147.87	27.93
26 27 16 00-0347	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	159.67	29.93
26 27 16 00-0348	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	188.23	33.91
26 27 16 00-0349	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	174.60	33.91
26 27 16 00-0350	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	212.45	37.91
26 27 16 00-0351	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	252.83	45.89
26 27 16 00-0352	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	313.81	62.85
26 27 16 00-0353	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	409.77	90.48
26 27 16 00-0354	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	126.09	21.94
26 27 16 00-0355	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	139.13	23.94
26 27 16 00-0356	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	156.54	27.93
26 27 16 00-0357	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	168.95	29.93
26 27 16 00-0358	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	200.61	33.91
26 27 16 00-0359	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	185.12	33.91
26 27 16 00-0360	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	225.46	37.91
26 27 16 00-0361	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	259.02	45.89
26 27 16 00-0362	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	334.24	62.85
26 27 16 00-0363	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	431.45	90.48

26 27 16 00-0364 NEMA 7/9 Enclosures, Lockable *(26 27 16)*

Note: Nominal inside dimensions.

26 27 16 00-0365 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0366	EA	6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,060.30	112.22
		For Mounting Pan, Add	*44.25*	
26 27 16 00-0367	EA	6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	850.93	119.70
		For Mounting Pan, Add	*82.45*	
26 27 16 00-0368	EA	8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,645.38	134.66
		For Mounting Pan, Add	*113.69*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0369		6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*		
26 27 16 00-0370	EA	8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,465.83	134.66
		For Mounting Pan, Add	*57.81*	
26 27 16 00-0371	EA	8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,903.28	138.41
		For Mounting Pan, Add	*113.69*	
26 27 16 00-0372	EA	8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,948.94	149.63
		For Mounting Pan, Add	*86.96*	
26 27 16 00-0373	EA	10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,999.41	149.63
		For Mounting Pan, Add	*101.75*	
26 27 16 00-0374	EA	10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,822.45	187.04
		For Mounting Pan, Add	*133.49*	
26 27 16 00-0375	EA	12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,659.30	168.33
		For Mounting Pan, Add	*83.35*	
26 27 16 00-0376	EA	12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,753.36	187.04
		For Mounting Pan, Add	*124.71*	
26 27 16 00-0377	EA	12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,261.78	336.67
		For Mounting Pan, Add	*167.79*	
26 27 16 00-0378	EA	14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,376.08	224.44
		For Mounting Pan, Add	*163.36*	
26 27 16 00-0379	EA	16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,445.07	374.07
		For Mounting Pan, Add	*149.98*	
26 27 16 00-0380	EA	18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,314.06	374.07
		For Mounting Pan, Add	*243.82*	
26 27 16 00-0381		8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*		
26 27 16 00-0382	EA	8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,273.54	168.33
		For Mounting Pan, Add	*86.96*	
26 27 16 00-0383	EA	10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,289.23	168.33
		For Mounting Pan, Add	*101.75*	
26 27 16 00-0384	EA	10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,587.95	168.33
		For Mounting Pan, Add	*133.49*	
26 27 16 00-0385	EA	12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,867.83	187.04
		For Mounting Pan, Add	*83.35*	
26 27 16 00-0386	EA	12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,180.86	336.67
		For Mounting Pan, Add	*124.71*	
26 27 16 00-0387	EA	12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,087.90	411.48
		For Mounting Pan, Add	*167.79*	
26 27 16 00-0388	EA	12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,961.29	486.29
		For Mounting Pan, Add	*252.33*	
26 27 16 00-0389	EA	14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,588.98	411.48
		For Mounting Pan, Add	*163.36*	
26 27 16 00-0390	EA	16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,711.92	411.48
		For Mounting Pan, Add	*149.98*	
26 27 16 00-0391	EA	16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,990.03	448.88
		For Mounting Pan, Add	*224.81*	
26 27 16 00-0392	EA	18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,780.93	411.48
		For Mounting Pan, Add	*243.82*	
26 27 16 00-0393	EA	18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,703.53	448.88
		For Mounting Pan, Add	*356.53*	
26 27 16 00-0394	EA	18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,651.34	448.88
		For Mounting Pan, Add	*475.31*	
26 27 16 00-0395	EA	18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	11,860.93	598.51
		For Mounting Pan, Add	*594.04*	
26 27 16 00-0396	EA	24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,032.85	486.29
		For Mounting Pan, Add	*552.36*	
26 27 16 00-0397	EA	24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	16,341.00	748.14
		For Mounting Pan, Add	*756.18*	
26 27 16 00-0398		10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*		
26 27 16 00-0399	EA	12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	8,277.52	486.29
		For Mounting Pan, Add	*252.33*	
26 27 16 00-0400	EA	16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,619.91	448.88
		For Mounting Pan, Add	*224.81*	
26 27 16 00-0401	EA	18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	8,301.06	486.29
		For Mounting Pan, Add	*356.53*	
26 27 16 00-0402	EA	18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,469.36	523.69
		For Mounting Pan, Add	*594.04*	
26 27 16 00-0403	EA	24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,274.94	523.69
		For Mounting Pan, Add	*552.36*	
26 27 16 00-0404	EA	24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	17,789.72	748.14
		For Mounting Pan, Add	*756.18*	
26 27 16 00-0405		12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*		
26 27 16 00-0406	EA	12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,200.68	411.48
		For Mounting Pan, Add	*167.79*	
26 27 16 00-0407		Breaker Enclosures *(26 27 16)*		
		See CSI section 26 24 16 00-0001 for lighting and power panel boards.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0408		**15 To 100 Amp, F-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0409	EA	NEMA 1, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	326.38	79.80
26 27 16 00-0410	EA	NEMA 3R, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	600.81	79.80
26 27 16 00-0411	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	1,482.16	109.72
26 27 16 00-0412	EA	NEMA 7, Cast Aluminum, 15 To 100 Amp, F-Frame Breaker Enclosure	2,009.49	119.70
26 27 16 00-0413	EA	NEMA 9, Cast Aluminum, 15 To 100 Amp, F-Frame Breaker Enclosure	1,465.05	119.70
26 27 16 00-0414	EA	NEMA 12, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure	515.07	109.72
26 27 16 00-0415		**15 To 250 Amp, H Or J-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0416	EA	NEMA 1, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	521.23	109.72
26 27 16 00-0417	EA	NEMA 3R, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	960.69	109.72
26 27 16 00-0418	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	3,283.86	139.65
26 27 16 00-0419	EA	NEMA 12, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure	792.85	139.65
26 27 16 00-0420		**125 To 400 Amp, L-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0421	EA	NEMA 1, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	815.68	219.46
26 27 16 00-0422	EA	NEMA 3R, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	1,899.34	219.46
26 27 16 00-0423	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	5,564.51	279.31
26 27 16 00-0424	EA	NEMA 12, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure	1,355.33	279.31
26 27 16 00-0425		**300 To 800 Amp, M-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0426	EA	NEMA 1, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	1,597.72	418.96
26 27 16 00-0427	EA	NEMA 3R, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	2,743.07	418.96
26 27 16 00-0428	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	10,011.53	538.66
26 27 16 00-0429	EA	NEMA 12, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	5,416.87	538.66
26 27 16 00-0430		**250 To 1,200 Amp, P-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0431	EA	NEMA 1, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure	1,949.79	418.96
26 27 16 00-0432	EA	NEMA 3R, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure	3,299.87	418.96
26 27 16 00-0433	EA	NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure	6,811.07	538.66
26 27 16 00-0434		**Legend Plates** *(26 27 16)*		
26 27 16 00-0435	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	13.41	4.99
26 27 16 00-0436	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	18.45	4.99

26 27 19 Multi-Outlet Assemblies *(26 27)*

26 27 19 00-0001 Surface Metal Raceway, Preassembled With Outlets *(26 27 19)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).

26 27 19 00-0002	LF	Plugmold #2000, 3' With Outlets 6" On Center, Single Circuit	23.27	7.28
		For Concrete Or Masonry Surface, Add	*0.73*	
26 27 19 00-0003	LF	Plugmold #2000, 6' With Outlets 6" On Center, Single Circuit	17.96	5.19
		For Concrete Or Masonry Surface, Add	*0.52*	
26 27 19 00-0004	LF	Plugmold #2000, 6' With Outlets 9" On Center, Single Circuit	17.00	5.49
		For Concrete Or Masonry Surface, Add	*0.55*	
26 27 19 00-0005	LF	Plugmold #2000, 6' With Outlets 12" On Center, Single Circuit	18.61	5.19
		For Concrete Or Masonry Surface, Add	*0.52*	
26 27 19 00-0006	LF	Plugmold #2000, 6' With Outlets 18" On Center, Single Circuit	15.27	5.29
		For Concrete Or Masonry Surface, Add	*0.53*	
26 27 19 00-0007	LF	Plugmold #2000, 6' With Outlets 9" On Center, Two Circuits	20.74	5.19
		For Concrete Or Masonry Surface, Add	*0.52*	
26 27 19 00-0008	LF	Plugmold #2000, 6' With Outlets 12" On Center, Two Circuits	18.42	5.19
		For Concrete Or Masonry Surface, Add	*0.52*	
26 27 19 00-0009	LF	Plugmold #2000, 6' With Outlets 18" On Center, Two Circuits	19.81	5.19
		For Concrete Or Masonry Surface, Add	*0.52*	

26 27 23 Indoor Service Poles *(26 27)*

26 27 23 00-0001 Communication And Power Poles *(26 27 23)*

Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.

26 27 23 00-0002 Steel Communication And Power Poles *(26 27 23 00-0001)*

26 27 23 00-0003 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*

26 27 23 00-0004 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*

26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	237.74	44.22
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	257.14	44.22
26 27 23 00-0007	EA	2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	279.56	44.22

26 27 23 00-0008 Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*

Note: Excludes receptacles, communication jacks and wiring.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0009	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle	48.69	9.12
26 27 23 00-0010	EA	Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles	42.57	9.12
26 27 23 00-0011	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	47.85	9.12
26 27 23 00-0012	EA	Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices	36.15	9.12
26 27 23 00-0013	EA	Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting	30.25	9.12
26 27 23 00-0014		2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0015		2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*		
26 27 23 00-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	304.25	44.22
26 27 23 00-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	345.93	44.22
26 27 23 00-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	368.42	44.22
26 27 23 00-0019		Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*		
		Note: Excludes receptacles and communication jacks.		
26 27 23 00-0020	EA	Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle	33.54	9.12
26 27 23 00-0021	EA	Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle	30.43	9.12
26 27 23 00-0022	EA	Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices	32.66	9.12
26 27 23 00-0023		3" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*		
26 27 23 00-0024		3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*		
26 27 23 00-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	392.57	44.22
26 27 23 00-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	442.74	44.22
26 27 23 00-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	475.81	44.22
26 27 23 00-0028		Additional Cover Plates For 3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*		
		Note: Excludes receptacles and communication jacks.		
26 27 23 00-0029	EA	Add-On 3" Width Steel Steel Cover Plate For One Single Receptacle	33.54	9.12
26 27 23 00-0030	EA	Add-On 3" Width Steel Cover Plate For One Duplex Receptacle	30.43	9.12
26 27 23 00-0031	EA	Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices	32.66	9.12
26 27 23 00-0032		Aluminum Communication And Power Poles *(26 27 23 00-0001)*		
26 27 23 00-0033		2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0034		2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	317.30	44.22
26 27 23 00-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	352.37	44.22
26 27 23 00-0037	EA	2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	391.70	44.22
26 27 23 00-0038		Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0039	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle	49.89	9.12
26 27 23 00-0040	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles	50.88	9.12
26 27 23 00-0041	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	54.18	9.12
26 27 23 00-0042	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices	38.00	9.12
26 27 23 00-0043	EA	Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting	30.25	9.12
26 27 23 00-0044		2-1/4" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0045	EA	2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	306.34	44.22
26 27 23 00-0046	EA	2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	342.32	44.22
26 27 23 00-0047	EA	2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	384.70	44.22
26 27 23 00-0048		5" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0049	EA	5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	626.79	44.22
26 27 23 00-0050	EA	5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	715.02	44.22
26 27 23 00-0051	EA	5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	813.84	44.22
26 27 23 00-0052		2" Diameter, Round Aluminum Communication And Power Pole *(26 27 23 00-0032)*		
26 27 23 00-0053	EA	2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	346.55	44.22
26 27 23 00-0054	EA	2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole	328.77	44.22
26 27 23 00-0055	EA	2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole	417.51	44.22
26 27 26		**Wiring Devices** *(26 27)*		
		Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
26 27 26 00-0001		Receptacles *(26 27 26)*		
26 27 26 00-0002		Television Receptacle *(26 27 26 00-0001)*		
26 27 26 00-0003	EA	TV Receptacle With Cover (Type F) - Complete	69.89	23.14

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0004		General Use Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0005		Receptacle Assemblies *(26 27 26 00-0004)*		
		Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0006	EA	1 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly	82.04	35.42
26 27 26 00-0007	EA	1 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly	88.22	37.91
26 27 26 00-0008	EA	2 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly	106.32	45.38
26 27 26 00-0009	EA	2 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly	118.67	50.37
26 27 26 00-0010	EA	1 Gang, 15 Amp, GFI, Duplex Receptacle Assembly	98.11	35.42
26 27 26 00-0011	EA	1 Gang, 20 Amp, GFI, Duplex Receptacle Assembly	105.14	37.91
26 27 26 00-0012		Receptacle Components *(26 27 26 00-0004)*		
26 27 26 00-0013	EA	15 Amp, NEMA 5-15, Single Receptacle, 125 Volt, 1 Phase	24.33	9.98
26 27 26 00-0014	EA	15 Amp, NEMA 5-15, Duplex Receptacle, 125 Volt, 1 Phase	23.39	9.98
26 27 26 00-0015	EA	15 Amp, Single Receptacle, 120/277 Volt, 3 Wire	28.92	9.98
26 27 26 00-0016	EA	15 Amp, Duplex Receptacle, 120/277 Volt, 3 Wire	32.12	9.98
26 27 26 00-0017	EA	15 Amp, NEMA 6-15, Single Receptacle, 250 Volt, 1 Phase	41.18	12.47
26 27 26 00-0018	EA	15 Amp, NEMA 6-15, Duplex Receptacle, 250 Volt, 1 Phase	51.67	12.47
26 27 26 00-0019	EA	20 Amp, NEMA 5-20, Single Receptacle, 125 Volt, 1 Phase	25.56	9.98
26 27 26 00-0020	EA	20 Amp, NEMA 5-20, Duplex Receptacle, 125 Volt, 1 Phase	24.58	9.98
26 27 26 00-0021	EA	20 Amp, Single Receptacle, 120/277 Volt	38.99	9.98
26 27 26 00-0022	EA	20 Amp, Duplex Receptacle, 120/277 Volt	31.11	9.98
26 27 26 00-0023	EA	20 Amp, NEMA 6-20, Single Receptacle, 250 Volt, 1 Phase	41.18	12.47
26 27 26 00-0024	EA	20 Amp, NEMA 6-20, Duplex Receptacle, 250 Volt, 1 Phase	51.67	12.47
26 27 26 00-0025	EA	20 Amp, NEMA 14-20, Single Receptacle, 125/250 Volt, 1 Phase	85.33	12.47
26 27 26 00-0026	EA	20 Amp, NEMA 15-20, Single Receptacle, 250 Volt, 3 Phase	85.33	12.47
26 27 26 00-0027	EA	25 Amp, Duplex Receptacle, 120/277 Volt	68.72	14.96
26 27 26 00-0028		Specialty Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0029		Specialty Receptacles *(26 27 26 00-0028)*		
26 27 26 00-0030	EA	30 Amp, NEMA 5-30, Single Receptacle, 125 Volt, 1 Phase	58.73	17.45
26 27 26 00-0031	EA	30 Amp, NEMA 6-30, Single Receptacle, 250 Volt, 1 Phase	58.73	17.45
26 27 26 00-0032	EA	30 Amp, NEMA 10-30 Single Receptacles, 125/250 Volt	58.71	17.45
26 27 26 00-0033	EA	30 Amp, NEMA 14-30, Single Receptacle, 125/250 Volt, 1 Phase	95.30	17.45
26 27 26 00-0034	EA	30 Amp, NEMA 15-30, Single Receptacle, 250 Volt, 3 Phase	100.29	19.95
26 27 26 00-0035	EA	50 Amp, NEMA 5-50, Single Receptacle, 125 Volt, 1 Phase	91.57	19.95
26 27 26 00-0036	EA	50 Amp, NEMA 6-50, Single Receptacle, 250 Volt, 1 Phase	89.11	19.95
26 27 26 00-0037	EA	50 Amp, NEMA 7-50 Single Receptacles, 277 Volt	76.43	19.95
26 27 26 00-0038	EA	50 Amp, NEMA 10-50 Single Receptacles, 125/250 Volt	70.38	19.95
26 27 26 00-0039	EA	50 Amp, NEMA 14-50, Single Receptacle, 125/250 Volt, 1 Phase	113.71	19.95
26 27 26 00-0040	EA	50 Amp, NEMA 15-50, Single Receptacle, 250 Volt, 3 Phase	118.69	22.44
26 27 26 00-0041	EA	60 Amp, NEMA 14-60, Single Receptacle, 125/250 Volt, 1 Phase	130.39	24.94
26 27 26 00-0042	EA	60 Amp, NEMA 15-60, Single Receptacle, 250 Volt, 3 Phase	140.37	29.93
26 27 26 00-0043	EA	100 Amp, 3 Phase, 480 Volt Joy Receptacle With Box - Complete	1,364.96	234.42
26 27 26 00-0044	EA	400 Amp, 4 Pole Weatherproof Generator Receptacle With Box - Complete	3,542.07	286.78
26 27 26 00-0045	EA	30 Amp, Dryer Receptacle, 230 Volt	70.70	19.95
26 27 26 00-0046	EA	60 Amp, Range Receptacle, 230 Volt	103.00	29.93
26 27 26 00-0047	EA	15 Or 20 Amp, Clock Hanger Receptacle, 120/277 Volt	70.79	12.47
26 27 26 00-0048	EA	Cable Reel With 20 Amp, 120 Volt Receptacle - Complete	1,392.19	303.95
26 27 26 00-0049		Isolated Ground Receptacles *(26 27 26 00-0028)*		
26 27 26 00-0050	EA	15 Amp, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex Note: 2 Pole, 3 wire.	59.77	9.98
26 27 26 00-0051	EA	20 Amp, 120 Volt Isolated Ground Receptacles, Simplex	58.85	12.47
26 27 26 00-0052	EA	20 Amp, 120 Volt Isolated Ground Receptacles, Duplex	58.60	12.47
26 27 26 00-0053	EA	30 Amp, 120 Volt Isolated Ground Receptacles, Simplex	79.63	19.95
26 27 26 00-0054	EA	Locking 15 Amp, 250 Volt Isolated Ground Receptacles	66.92	12.47
26 27 26 00-0055	EA	Locking 15 Amp, 277 Volt Isolated Ground Receptacles	60.64	12.47
26 27 26 00-0056	EA	Locking 20 Amp, 120/208 Volt Isolated Ground Receptacles	85.29	14.96
26 27 26 00-0057	EA	Locking 20 Amp, 277/480 Volt Isolated Ground Receptacles	65.72	14.96
26 27 26 00-0058	EA	Locking 20 Amp, 347/600 Volt Isolated Ground Receptacles	87.62	14.96
26 27 26 00-0059	EA	Locking 30 Amp, 120/208 Volt Isolated Ground Receptacles	108.96	14.96
26 27 26 00-0060	EA	Locking 30 Amp, 277 Volt Isolated Ground Receptacles	103.87	19.95
26 27 26 00-0061		Explosion Proof Receptacles *(26 27 26 00-0028)*		
26 27 26 00-0062	EA	1/2", 20 Amp, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	560.29	24.94
26 27 26 00-0063	EA	3/4", 20 Amp, 2 Watt,, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	518.59	27.43
26 27 26 00-0064	EA	3/4", 30 Amp, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	864.46	49.87
26 27 26 00-0065	EA	3/4", 30 Amp, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,082.10	49.87
26 27 26 00-0066	EA	1-1/4", 60 Amp, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,375.42	74.81
26 27 26 00-0067	EA	1-1/4", 60 Amp, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,312.41	74.81
26 27 26 00-0068		Ground Fault Circuit Interrupter (GFCI) *(26 27 26 00-0028)*		
26 27 26 00-0069	EA	15 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	36.96	12.47
26 27 26 00-0070	EA	20 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	51.48	14.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0071		**Arc Fault Circuit Interrupter (AFCI)** *(26 27 26 00-0028)*		
26 27 26 00-0072	EA	15 Amp, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	72.00	12.47
26 27 26 00-0073	EA	20 Amp, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	79.78	12.47
26 27 26 00-0074		**Locking Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0075	EA	NEMA L5-15, 125 Volt, 2 Pole, 15 Amp, Locking Receptacle	39.91	12.47
26 27 26 00-0076	EA	NEMA L6-15, 250 Volt, 2 Pole, 15 Amp, Locking Receptacle	47.68	12.47
26 27 26 00-0077	EA	NEMA L5-20, 125 Volt, 2 Pole, 20 Amp, Locking Receptacle	44.81	14.96
26 27 26 00-0078	EA	NEMA L6-20, 250 Volt, 2 Pole, 20 Amp, Locking Receptacle	44.46	14.96
26 27 26 00-0079	EA	NEMA L8-20, 480 Volt, 2 Pole, 20 Amp, Locking Receptacle	51.30	14.96
26 27 26 00-0080	EA	NEMA L9-20, 600 Volt, 2 Pole, 20 Amp,Locking Receptacle	60.13	14.96
26 27 26 00-0081	EA	NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amp, Locking Receptacle	59.15	14.96
26 27 26 00-0082	EA	NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amp, Locking Receptacle	52.70	14.96
26 27 26 00-0083	EA	NEMA L5-30, 125 Volt, 2 Pole, 30 Amp, Locking Receptacle	61.50	19.95
26 27 26 00-0084	EA	NEMA L6-30, 250 Volt, 2 Pole, 30 Amp, Locking, Receptacle	62.32	19.95
26 27 26 00-0085	EA	NEMA L15-30, 250 Volt, 3 Pole, 30 Amp, Locking Receptacle	112.52	19.95
26 27 26 00-0086		**Hospital Grade Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0087	EA	15 Amp Heavy Duty Hospital Grade, NEMA 5-15, Single Receptacle	36.06	9.98
26 27 26 00-0088	EA	15 Amp Heavy Duty Hospital Grade, NEMA 5-15, Duplex Receptacle	38.83	9.98
26 27 26 00-0089	EA	20 Amp Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	41.78	9.98
26 27 26 00-0090	EA	20 Amp Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	47.35	9.98
26 27 26 00-0091	EA	20 Amp Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	42.20	9.98
26 27 26 00-0092	EA	20 Amp Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	47.96	9.98
26 27 26 00-0093	EA	120 Volt Transient Voltage Surge Suppresser Receptacle Note: Hospital grade receptacle.	160.97	29.93
26 27 26 00-0094		**Weathertight Pin And Sleeve Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0095	EA	20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W)	211.81	49.87
26 27 26 00-0096	EA	20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W)	211.34	49.87
26 27 26 00-0097	EA	20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W)	220.08	49.87
26 27 26 00-0098	EA	20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W)	267.10	54.86
26 27 26 00-0099	EA	20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W)	267.83	54.86
26 27 26 00-0100	EA	20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W)	266.15	54.86
26 27 26 00-0101	EA	30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W)	317.99	61.34
26 27 26 00-0102	EA	30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W)	303.78	61.34
26 27 26 00-0103	EA	30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W)	326.03	61.34
26 27 26 00-0104	EA	30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W)	330.55	67.34
26 27 26 00-0105	EA	30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W)	330.27	67.34
26 27 26 00-0106	EA	30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W)	332.29	67.34
26 27 26 00-0107	EA	60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W)	461.58	79.80
26 27 26 00-0108	EA	60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W)	444.37	79.80
26 27 26 00-0109	EA	60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W)	455.57	79.80
26 27 26 00-0110	EA	60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W)	507.31	88.78
26 27 26 00-0111	EA	60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W)	507.64	88.78
26 27 26 00-0112	EA	60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W)	507.97	88.78
26 27 26 00-0113	EA	100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W)	564.87	99.76
26 27 26 00-0114	EA	100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W)	586.93	99.76
26 27 26 00-0115	EA	100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W)	632.02	109.72
26 27 26 00-0116	EA	100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W)	630.36	109.72
26 27 26 00-0117	EA	100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W)	633.48	109.72
26 27 26 00-0118		**Corrosion Resistant Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0119	EA	15/20 Amp, 125 Volt Corrosion Resistant, Power Receptacles	75.96	9.98
26 27 26 00-0120	EA	15/20 Amp, 250 Volt Corrosion Resistant, Power Receptacles	157.29	12.47
26 27 26 00-0121		**Tamper Resistant Receptacle** *(26 27 26 00-0028)*		
26 27 26 00-0122	EA	15 Amp, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour 3232-TR.	23.28	9.98
26 27 26 00-0123	EA	20 Amp, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour TR20.	25.00	9.98
26 27 26 00-0124	EA	15 Amp, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5251.	29.91	9.98
26 27 26 00-0125	EA	20 Amp, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5351.	32.22	9.98
26 27 26 00-0126	EA	15 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle Note: Pass & Seymour S1595-TR*CC8.	46.08	9.98
26 27 26 00-0127	EA	15 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 1595-TRS.	49.39	9.98
26 27 26 00-0128	EA	20 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 2095-TRS.	52.54	9.98
26 27 26 00-0129		**USB Charger/Duplex Tamper-Resistant Receptacles** *(26 27 26 00-0028)*		
26 27 26 00-0130	EA	15 Amp, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	47.32	9.98
26 27 26 00-0131	EA	20 Amp, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	50.74	9.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0132		Switches *(26 27 26)*		
26 27 26 00-0133		Switches *(26 27 26 00-0132)*		
26 27 26 00-0134		Switch Assemblies *(26 27 26 00-0133)* Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0135	EA	1 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	86.22	34.91
26 27 26 00-0136	EA	1 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly	92.78	37.91
26 27 26 00-0137	EA	2 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	117.14	45.63
26 27 26 00-0138	EA	2 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly	128.29	50.62
26 27 26 00-0139	EA	3 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	199.51	78.31
26 27 26 00-0140	EA	3 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly	216.21	85.79
26 27 26 00-0141	EA	4 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly	230.23	88.52
26 27 26 00-0142	EA	4 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly	252.50	98.50
26 27 26 00-0143		Switch Components *(26 27 26 00-0133)*		
26 27 26 00-0144	EA	15 Amp, 120/277 Volt, SPST Switch	28.56	9.98
26 27 26 00-0145	EA	15 Amp, 120/277 Volt, 3-Way Switch	36.26	12.47
26 27 26 00-0146	EA	15 Amp, 120/277 Volt, 4-Way Switch	72.74	19.95
26 27 26 00-0147	EA	15 Amp, 120/277 Volt, DPST Switch	33.57	9.98
26 27 26 00-0148	EA	15 Amp, 120/277 Volt, Thermal Switch	67.75	12.47
26 27 26 00-0149	EA	20 Amp, 120/277 Volt, SPST Switch	34.13	12.47
26 27 26 00-0150	EA	20 Amp, 120/277 Volt, 3-Way Switch	42.50	14.96
26 27 26 00-0151	EA	20 Amp, 120/277 Volt, 4-Way Switch	102.53	19.95
26 27 26 00-0152	EA	20 Amp, 120/277 Volt, DPST Switch	42.16	12.47
26 27 26 00-0153	EA	20 Amp, 120/277 Volt, DPDT Switch	45.72	12.47
26 27 26 00-0154	EA	15 Amp, 120/277 Volt, Single Pole, Momentary Contact Switch, Toggle, Three Position, Center Off	53.38	12.49
26 27 26 00-0155	EA	15 Amp, 120/277 Volt, Momentary Contact Switch, Key Operated, Single Pole, Three Position, Center Off	66.43	12.49
26 27 26 00-0156	EA	Momentary Contact Switch With Separate Neon Pilot Note: Neon Pilot is 125 V, 1 / 125W.	52.15	14.98
26 27 26 00-0157	EA	20 Amp, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off Note: Or 250 VAC 10 Amp, double throw BAT handle.	52.75	17.45
26 27 26 00-0158	EA	20 Amp, 125 Volt AC, Double Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	65.89	19.95
26 27 26 00-0159	EA	20 Amp, 125 Volt AC, Three Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	102.60	19.95
26 27 26 00-0160	EA	30 Amp, 120/277 Volt, Single Pole Local Switch	55.59	19.97
26 27 26 00-0161	EA	30 Amp, 120/277 Volt, Double Pole Local Switch	67.32	19.97
26 27 26 00-0162	EA	30 Amp, 120/277 Volt, Three-Way Local Switch	71.46	24.97
26 27 26 00-0163	EA	30 Amp, 120/277 Volt, Four-Way Local Switch	97.85	27.47
26 27 26 00-0164	EA	15 Amp, 120/277 Volt, Local Switch With Neon Pilot	51.95	16.33
26 27 26 00-0165	EA	15 Amp, 120/277 Volt, Local Switch With Separate Neon Pilot Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	69.83	16.33
26 27 26 00-0166	EA	15 Amp, 120 Volt, Single Pole Lighted Toggle Switch, Clear Toggle, Lighted In On Position	62.13	16.33
26 27 26 00-0167	EA	15 Amp, 120 Volt, Lighted Toggle Switch, Ivory Toggle, Lighted In Off Position	59.47	16.33
26 27 26 00-0168	EA	Automatic Door Switch, Door Open-Light On, 6 Amp, 125 Volt	60.60	8.09
26 27 26 00-0169	EA	Automatic Door Switch, Door Closed-Light On, 6 Amp, 125 Volt	64.20	8.09
26 27 26 00-0170	EA	15 Amp, 120/277 Volt, Single Pole Momentary Contact Switch, Three Position, Center Off, Toggle	72.05	31.16
26 27 26 00-0171	EA	Momentary Contact Switch, Three Position, Center Off, Key Operated. Note: 15A, 120/277 V, Single Pole	85.10	31.16
26 27 26 00-0172	EA	Single Pole, Slide Dimmer (Leviton IP710-LFZ)	97.04	9.99
26 27 26 00-0173	EA	8 Amp, 120/277 Volt, 0-10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH)	92.48	9.99
26 27 26 00-0174	EA	120-277 Volt, (8 Amp Lighting/3 Amp Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH)	160.40	9.98
26 27 26 00-0175	EA	120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH)	45.56	9.98
26 27 26 00-0176	EA	Sunrise Electronic Wall Dimmer,1200VA 0-10V LED and Fluorescent (Philips SR1200ZTUNV)	99.19	9.99
26 27 26 00-0177	EA	1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000)	115.23	9.99
26 27 26 00-0178	EA	2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000)	150.25	9.99
26 27 26 00-0179	EA	Wireless Single Rocker Remote Switch (Leviton WSS0S-S9)	99.75	9.99
26 27 26 00-0180		Specialty Switches *(26 27 26 00-0132)*		
26 27 26 00-0181		Dimmers With SPST Switch *(26 27 26 00-0180)*		
26 27 26 00-0182	EA	600 Watt Dimmers With SPST Switch	63.50	22.44
26 27 26 00-0183	EA	1,000 Watt Dimmers With SPST Switch	121.59	22.44
26 27 26 00-0184	EA	1,500 Watt Dimmers With SPST Switch	222.25	36.11
26 27 26 00-0185	EA	2,000 Watt Dimmers With SPST Switch	296.38	36.11
26 27 26 00-0186	EA	600 Watt Fluorescent Dimmer Switch	160.09	26.63
26 27 26 00-0187	EA	1,000 Watt Fluorescent Dimmer Switch	223.87	26.63
26 27 26 00-0188	EA	1,500 Watt Fluorescent Dimmer Switch	411.30	40.20
26 27 26 00-0189	EA	Remote Speed Switch For Paddle Fan	107.48	33.22
26 27 26 00-0190	EA	600 Watt Combination Remote Speed Switch/Incandescent Dimmer	181.25	49.57
26 27 26 00-0191		Time Switches *(26 27 26 00-0180)*		
26 27 26 00-0192	EA	40 Amp, SPST, 125 Volt, Standard Time Switch	126.95	29.93
26 27 26 00-0193	EA	40 Amp, SPST, 277 Volt, Standard Time Switch	130.31	29.93
26 27 26 00-0194	EA	40 Amp, DPST, 125 Volt, Standard Time Switch	126.95	29.93
26 27 26 00-0195	EA	40 Amp, DPST, 277 Volt, Standard Time Switch	130.31	29.93
26 27 26 00-0196	EA	40 Amp, SPST, 125 Volt, 7-Day Time Switch	149.32	29.93
26 27 26 00-0197	EA	40 Amp, SPST, 277 Volt, 7-Day Time Switch	149.32	29.93
26 27 26 00-0198	EA	40 Amp, DPDT, 125 Volt, 7-Day Time Switch	281.29	29.93
26 27 26 00-0199	EA	40 Amp, DPDT, 277 Volt, 7-Day Time Switch	281.29	29.93
26 27 26 00-0200	EA	20 Amp, SPST, 125 Volt, Programmable Time Switch	238.95	29.93
26 27 26 00-0201	EA	20 Amp, SPST, 277 Volt, Programmable Time Switch	264.81	29.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0202	EA	20 Amp, SPST, 277 Volt, Programmable Time Switch - Weatherproof	264.81	29.93
26 27 26 00-0203	EA	40 Amp, 4PST, 125 Volt, Astro Dial Time Switch	325.92	29.93
26 27 26 00-0204	EA	40 Amp, 4PST, 277 Volt, Astro Dial Time Switch	336.20	29.93
26 27 26 00-0205	EA	40 Amp, SPST, 125 Volt, Standard Time Switch - Weatherproof	126.95	29.93
26 27 26 00-0206	EA	40 Amp, SPST, 277 Volt, Standard Time Switch - Weatherproof	130.31	29.93
26 27 26 00-0207	EA	40 Amp, DPST, 125 Volt, Standard Time Switch - Weatherproof	126.95	29.93
26 27 26 00-0208	EA	40 Amp, DPST, 277 Volt, Standard Time Switch - Weatherproof	130.31	29.93
26 27 26 00-0209	EA	40 Amp, SPST, 125 Volt, 7-Day Time Switch - Weatherproof	149.32	29.93
26 27 26 00-0210	EA	40 Amp, SPST, 277 Volt, 7-Day Time Switch - Weatherproof	149.32	29.93
26 27 26 00-0211	EA	40 Amp, DPDT, 125 Volt, 7-Day Time Switch - Weatherproof	281.29	29.93
26 27 26 00-0212	EA	40 Amp, DPDT, 277 Volt, 7-Day Time Switch - Weatherproof	281.29	29.93
26 27 26 00-0213	EA	40 Amp, 4PST, 125 Volt, Astro Dial Time Switch - Weatherproof	325.92	29.93
26 27 26 00-0214	EA	40 Amp, 4PST, 277 Volt, Astro Dial Time Switch - Weatherproof	336.20	29.93
26 27 26 00-0215		Low Voltage Switching *(26 27 26 00-0180)*		
26 27 26 00-0216	EA	36 Pin Male Or Female Connector	236.89	9.98
26 27 26 00-0217		Other Switches *(26 27 26 00-0180)*		
26 27 26 00-0218	EA	Pull Chain Switch 120/277 Volt AC Installed In Light Fixture	34.08	14.96
26 27 26 00-0219	EA	Locking Switch, SPST Concealed Devices	108.65	39.90
26 27 26 00-0220	EA	Locking Switch, 3-Way Concealed Devices	110.44	39.90
26 27 26 00-0221	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	125.72	37.31
26 27 26 00-0222	EA	15 Amp Momentary Contact Switch	118.40	37.31
26 27 26 00-0223	EA	20 Amp Momentary Contact Switch	126.11	37.31
26 27 26 00-0224	EA	2-1/4" Handy Box Cover Units Fuseholder Switch	111.42	44.95
26 27 26 00-0225	EA	2-3/4" Handy Box Cover Units Fuseholder Switch	113.57	44.95
26 27 26 00-0226	EA	4" Square Box Cover Units With 2 Fuseholders And 2 Switches	140.01	54.94
26 27 26 00-0227	EA	4" Square Box Cover Units With 1 Fuseholder And 1 Switch	127.32	49.94
26 27 26 00-0228	EA	4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch	127.86	49.94
26 27 26 00-0229		Hospital Grade Switches *(26 27 26 00-0180)*		
26 27 26 00-0230	EA	15 Amp, 120/277 Volt, SPST Hospital Grade Switch	28.56	9.98
26 27 26 00-0231	EA	20 Amp, 120/277 Volt, SPST Hospital Grade Switch	34.13	12.47
26 27 26 00-0232		Plates And Covers *(26 27 26)*		
26 27 26 00-0233		Wall Plates *(26 27 26 00-0232)*		
26 27 26 00-0234		Nylon Wall Plates *(26 27 26 00-0233)*		
26 27 26 00-0235	EA	1 Gang Nylon Switch Plate	1.43	0.50
26 27 26 00-0236	EA	2 Gang Nylon Switch Plate	2.35	0.75
26 27 26 00-0237	EA	3 Gang Nylon Switch Plate	3.31	1.00
26 27 26 00-0238	EA	4 Gang Nylon Switch Plate	4.67	1.24
26 27 26 00-0239	EA	1 Gang Duplex Nylon Wall Plate	1.44	0.50
26 27 26 00-0240	EA	2 Gang Duplex Nylon Wall Plate	2.40	0.75
26 27 26 00-0241		Plastic Wall Plates *(26 27 26 00-0233)*		
26 27 26 00-0242	EA	1 Gang Plastic Switch Plate	1.34	0.50
26 27 26 00-0243	EA	2 Gang Plastic Switch Plate	2.18	0.75
26 27 26 00-0244	EA	3 Gang Plastic Switch Plate	3.04	1.00
26 27 26 00-0245	EA	4 Gang Plastic Switch Plate	4.67	1.24
26 27 26 00-0246	EA	1 Gang Duplex Plastic Wall Plate	1.34	0.50
26 27 26 00-0247	EA	2 Gang Duplex Plastic Wall Plate	2.18	0.75
26 27 26 00-0248		Thermoplastic Wall Plates (Hospital Grade) *(26 27 26 00-0233)*		
26 27 26 00-0249	EA	1 Gang Thermoplastic Hospital Grade Switch Plate	5.49	0.50
26 27 26 00-0250	EA	2 Gang Thermoplastic Hospital Grade Switch Plate	6.71	0.75
26 27 26 00-0251	EA	3 Gang Thermoplastic Hospital Grade Switch Plate	10.44	1.00
26 27 26 00-0252	EA	4 Gang Thermoplastic Hospital Grade Switch Plate	15.16	1.24
26 27 26 00-0253	EA	1 Gang Duplex Thermoplastic Hospital Grade Wall Plate	7.97	0.50
26 27 26 00-0254	EA	2 Gang Duplex Thermoplastic Hospital Grade Wall Plate	12.51	0.75
26 27 26 00-0255		Brass Wall Plates *(26 27 26 00-0233)*		
26 27 26 00-0256	EA	1 Gang 0.04" Brass Switch Plate	12.54	2.25
26 27 26 00-0257	EA	2 Gang 0.04" Brass Switch Plate	22.67	2.60
26 27 26 00-0258	EA	3 Gang 0.04" Brass Switch Plate	32.68	2.90
26 27 26 00-0259	EA	4 Gang 0.04" Brass Switch Plate	50.13	3.15
26 27 26 00-0260	EA	5 Gang 0.04" Brass Switch Plate	60.81	3.35
26 27 26 00-0261	EA	6 Gang 0.04" Brass Switch Plate	70.18	3.49
26 27 26 00-0262	EA	1 Gang 0.04" Brass Duplex Receptacle Wall Plate	12.54	2.25
26 27 26 00-0263	EA	2 Gang 0.04" Brass Duplex Receptacle Wall Plate	26.33	2.60
26 27 26 00-0264	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate	37.51	2.90
26 27 26 00-0265		Stainless Steel Wall Plates *(26 27 26 00-0233)*		
26 27 26 00-0266	EA	1 Gang, 302 Stainless Steel Switch Plate With Satin Finish	7.25	2.25
26 27 26 00-0267	EA	2 Gang, 302 Stainless Steel Switch Plate With Satin Finish	11.11	2.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0268	EA	3 Gang, 302 Stainless Steel Switch Plate With Satin Finish	15.12	2.90
26 27 26 00-0269	EA	4 Gang, 302 Stainless Steel Switch Plate With Satin Finish	21.62	3.15
26 27 26 00-0270	EA	5 Gang, 302 Stainless Steel Switch Plate With Satin Finish	25.27	3.35
26 27 26 00-0271	EA	6 Gang, 302 Stainless Steel Switch Plate With Satin Finish	30.28	3.49
26 27 26 00-0272	EA	1 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	7.83	2.25
26 27 26 00-0273	EA	2 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	12.48	2.60
26 27 26 00-0274	EA	3 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	19.66	2.90
26 27 26 00-0275	EA	4 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	23.59	3.15
26 27 26 00-0276		**Chrome Wall Plates** *(26 27 26 00-0233)*		
26 27 26 00-0277	EA	1 Gang 0.040" Chrome Switch Plate With Chromium Finish	23.93	2.25
26 27 26 00-0278	EA	2 Gang 0.040" Chrome Switch Plate With Chromium Finish	44.01	2.60
26 27 26 00-0279	EA	3 Gang 0.040" Chrome Switch Plate With Chromium Finish	64.01	2.90
26 27 26 00-0280	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate With Chromium Finish	23.91	2.25
26 27 26 00-0281		**Weatherproof Covers** *(26 27 26 00-0232)*		
26 27 26 00-0282		**Stamped Metallic Weatherproof Covers** *(26 27 26 00-0281)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0283	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	9.19	0.50
26 27 26 00-0284	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	9.95	0.50
26 27 26 00-0285	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	9.95	0.50
26 27 26 00-0286	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	9.95	0.50
26 27 26 00-0287	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	12.22	0.75
26 27 26 00-0288	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	13.86	0.75
26 27 26 00-0289	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	14.02	0.75
26 27 26 00-0290	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	14.02	0.75
26 27 26 00-0291	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	19.01	0.75
26 27 26 00-0292	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	18.08	1.00
26 27 26 00-0293	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	19.75	1.00
26 27 26 00-0294		**Cast Metallic Weatherproof Covers** *(26 27 26 00-0281)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0295	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	11.23	0.50
26 27 26 00-0296	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	35.66	0.50
26 27 26 00-0297	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	39.97	0.50
26 27 26 00-0298	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	11.15	0.50
26 27 26 00-0299	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	30.24	0.50
26 27 26 00-0300	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	50.24	0.50
26 27 26 00-0301	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	63.93	0.50
26 27 26 00-0302	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	14.02	0.75
26 27 26 00-0303	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	100.97	0.75
26 27 26 00-0304	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	23.44	1.00
26 27 26 00-0305	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	96.53	1.00
26 27 26 00-0306		**Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0281)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0307	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	3.86	0.50
26 27 26 00-0308	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	4.90	0.50
26 27 26 00-0309	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	6.59	0.75
26 27 26 00-0310	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	7.14	0.75
26 27 26 00-0311	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	7.14	0.75
26 27 26 00-0312	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	7.92	0.75
26 27 26 00-0313		**Heavy Duty Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0281)*		
		Note: Includes baked on lacquer finish and neoprene gasket.		
26 27 26 00-0314	EA	Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	37.88	0.50
26 27 26 00-0315		**Polycarbonate Weatherproof Covers** *(26 27 26 00-0281)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0316	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	7.76	0.50
26 27 26 00-0317	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	7.76	0.50
26 27 26 00-0318	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	7.76	0.50
26 27 26 00-0319	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	9.63	0.75
26 27 26 00-0320	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	9.63	0.75
26 27 26 00-0321		**High Impact Thermoplastic Weatherproof Covers** *(26 27 26 00-0281)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0322	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	52.72	0.50
26 27 26 00-0323		**Non Metallic (PVC) Weatherproof Covers** *(26 27 26 00-0281)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0324	EA	Blank Cover, Single Gang, Non Metallic (PVC) Weatherproof Cover	7.75	0.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0325	EA	Blank Cover, Two Gang, Non Metallic (PVC) Weatherproof Cover	8.44	0.75
26 27 26 00-0326	EA	Toggle Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	7.78	0.50
26 27 26 00-0327	EA	Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	16.78	0.50
26 27 26 00-0328	EA	Duplex Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	19.40	0.50
26 27 26 00-0329	EA	20 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	15.78	0.50
26 27 26 00-0330	EA	30 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	11.84	0.50
26 27 26 00-0331	EA	50 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	13.80	0.50
26 27 26 00-0332	EA	Plunger Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	12.37	0.50
26 27 26 00-0333	EA	Double Duplex Receptacle, Two Gang, Non Metallic (PVC) Weatherproof Cover	17.83	0.75
26 27 26 00-0334		Removal And Reinstallation Of Wiring Devices *(26 27 26)*		
		Note: Includes storage and cleaning.		
26 27 26 00-0335	EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	65.62	
26 27 26 00-0336	EA	Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	8.32	
26 27 26 00-0337		Relay Systems *(26 27 26)*		
26 27 26 00-0338	EA	Relay 2 Position, 10 Amp, 24 Volt Coil	68.47	22.44
26 27 26 00-0339	EA	Industrial Control Relay 20 Amp, 120 Volt Coil Up To 4 Contacts	275.35	74.81
26 27 26 00-0340	EA	Industrial Control Relay 20 Amp, 120 Volt Coil 12 Contacts	451.14	99.76
26 27 26 00-0341		Limit Switches *(26 27 26)*		
26 27 26 00-0342		Heavy Duty Precision Oiltight *(26 27 26 00-0341)*		
26 27 26 00-0343		Lever Arm, Plunger, Wobble Stick Type *(26 27 26 00-0342)*		
26 27 26 00-0344	EA	Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amp Rated	381.24	62.85
26 27 26 00-0345		In Line Midget Fuseholders *(26 27 26)*		
		See CSI section 26 28 13 00-0078 for fuses.		
26 27 26 00-0346	EA	Single Pole Water Resistant In Line Midget Fuseholder	63.45	
26 27 26 00-0347	EA	Double Pole Water Resistant In Line Midget Fuseholder	132.33	
26 27 33		**Power Distribution Units** *(26 27)*		
		Note: Includes wiring connections and testing.		
26 27 33 00-0001		Liebert Precision Power Center *(26 27 33)*		
		Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.		
26 27 33 00-0002	EA	PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C)	12,311.02	306.74
26 27 33 00-0003	EA	PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C)	14,844.90	332.47
26 27 33 00-0004	EA	PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C)	16,912.84	369.08
26 27 33 00-0005	EA	PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C)	19,446.01	399.00
26 27 33 00-0006	EA	PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C)	21,253.09	498.76
26 27 33 00-0007	EA	PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C)	23,863.98	598.51
26 27 33 00-0008	EA	PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C)	27,538.71	698.26
26 27 33 00-0009	EA	PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C)	29,190.68	798.01
26 27 33 00-0010	EA	PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C)	30,656.43	897.77
26 27 33 00-0011	EA	Ex Panelboard 10-30 KVA	1,130.95	99.76
26 27 33 00-0012	EA	Ex Panelboard 50-125 KVA	1,677.29	124.69
26 27 33 00-0013	EA	Ex Panelboard 150-220 KVA	3,713.02	149.63
26 27 33 00-0014	EA	Removal And Reinstallation Of Power Distribution Unit	1,596.03	
		Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.		
26 27 33 00-0015	EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,197.02	
26 27 73		**Door Chimes** *(26 27)*		
26 27 73 00-0001		Door Chimes *(26 27 73)*		
26 27 73 00-0002	EA	Door Bell, Push-button And Transformer - Complete	596.91	207.79
26 27 73 00-0003	EA	Visual Flashing Doorbell Indicator, Wire To Existing System - Complete	269.97	49.87
26 27 73 00-0004	EA	Replacement Bell/Buzzer - Complete	105.79	24.94
		Note: Includes removal of existing.		
26 28		Low-Voltage Circuit Protective Devices *(26 20)*		
26 28 13		**Fuses** *(26 28)*		
26 28 13 00-0001		125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses *(26 28 13)*		
26 28 13 00-0002	EA	1 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	21.21	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0003	EA	2 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.79	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0004	EA	3 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.22	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0005	EA	5 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.14	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0006	EA	6 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.67	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0007	EA	8 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	19.64	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0008	EA	10 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	19.39	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0009	EA	15 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	17.37	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0010	EA	20 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	17.06	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0011	EA	25 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	17.64	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0012	EA	30 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	17.24	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0013		Class RK1, Time Delay Fuses *(26 28 13)*		
26 28 13 00-0014		250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*		
26 28 13 00-0015	EA	1 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	31.16	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0016	EA	2 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	29.33	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0017	EA	3 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	30.61	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0018	EA	4 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	30.44	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0019	EA	5 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	29.16	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0020	EA	10 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	28.40	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0021	EA	15 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	26.37	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0022	EA	20 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	26.22	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0023	EA	25 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	26.39	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0024	EA	30 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	26.18	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0025	EA	35 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.80	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0026	EA	40 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.19	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0027	EA	45 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.65	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0028	EA	50 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	34.27	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0029	EA	60 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	33.72	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0030		250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*		
26 28 13 00-0031	EA	70 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	60.61	8.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0032	EA	80 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	60.30	8.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0033	EA	90 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	66.49	8.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0034	EA	100 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	59.81	8.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0035	EA	110 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	161.73	8.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0036	EA	125 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	119.53	8.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0037	EA	150 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	110.64	9.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.58*	
26 28 13 00-0038	EA	200 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	116.26	9.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.58*	
26 28 13 00-0039	EA	250 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	213.36	9.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.58*	
26 28 13 00-0040	EA	300 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	230.33	12.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 28 13 00-0041	EA	350 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	247.15	12.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 28 13 00-0042	EA	400 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	191.98	12.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 28 13 00-0043	EA	450 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	419.56	12.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 28 13 00-0044	EA	500 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	398.85	14.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.88*	
26 28 13 00-0045	EA	600 Amp, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	312.84	14.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.88*	
26 28 13 00-0046		600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*		
26 28 13 00-0047	EA	1 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	46.24	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0048	EA	2 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	43.33	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0049	EA	3 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.88	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0050	EA	4 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	41.69	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0051	EA	5 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	40.99	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0052	EA	10 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	41.24	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0053	EA	15 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	38.58	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0054	EA	20 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	38.31	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0055	EA	25 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	37.95	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0056	EA	30 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	38.48	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0057	EA	35 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	54.30	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0058	EA	40 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	54.42	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0059	EA	45 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	53.42	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0060	EA	50 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	53.89	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0061	EA	60 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	54.31	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	

26 28 13 00-0062 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses *(26 28 13 00-0013)*

26 28 13 00-0063	EA	70 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	99.64	8.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0064	EA	80 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	102.42	9.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.58*	
26 28 13 00-0065	EA	90 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	101.89	9.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.58*	
26 28 13 00-0066	EA	100 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	102.31	9.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.58*	
26 28 13 00-0067	EA	110 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	183.33	9.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.58*	
26 28 13 00-0068	EA	125 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	186.02	9.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.58*	
26 28 13 00-0069	EA	150 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	184.86	12.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 28 13 00-0070	EA	200 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	184.41	12.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 28 13 00-0071	EA	250 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	345.88	12.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.08*	
26 28 13 00-0072	EA	300 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	349.37	14.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.88*	
26 28 13 00-0073	EA	350 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	392.99	14.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.88*	
26 28 13 00-0074	EA	400 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	356.79	14.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.88*	
26 28 13 00-0075	EA	450 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	634.68	14.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.88*	
26 28 13 00-0076	EA	500 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	567.89	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0077	EA	600 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	496.51	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	

26 28 13 00-0078 600 Volt AC, Class CC Midget Fuses *(26 28 13)*

Note: 250/300 Volt DC.

26 28 13 00-0079	EA	1 Amp, 600 Volt AC, Class CC Midget Fuse	35.33	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0080	EA	2 Amp, 600 Volt AC, Class CC Midget Fuse	35.82	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0081	EA	3 Amp, 600 Volt AC, Class CC Midget Fuse	35.68	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0082	EA	5 Amp, 600 Volt AC, Class CC Midget Fuse	35.52	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0083	EA	6 Amp, 600 Volt AC, Class CC Midget Fuse	37.82	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0084	EA	8 Amp, 600 Volt AC, Class CC Midget Fuse	34.15	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0085	EA	10 Amp, 600 Volt AC, Class CC Midget Fuse	38.45	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0086	EA	15 Amp, 600 Volt AC, Class CC Midget Fuse	35.54	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0087	EA	20 Amp, 600 Volt AC, Class CC Midget Fuse	34.94	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0088	EA	25 Amp, 600 Volt AC, Class CC Midget Fuse	33.57	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	
26 28 13 00-0089	EA	30 Amp, 600 Volt AC, Class CC Midget Fuse	34.73	7.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.79*	

26 28 13 00-0090 200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse *(26 28 13)*

26 28 13 00-0091	EA	1 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	43.21	4.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0092	EA	3 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	43.53	4.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.99*	
26 28 13 00-0093	EA	6 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	38.28	5.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.59*	
26 28 13 00-0094	EA	10 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	38.73	7.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 28 13 00-0095	EA	15 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	39.49	7.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 28 13 00-0096	EA	20 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	38.81	7.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.49*	
26 28 13 00-0097	EA	25 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	49.62	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0098	EA	30 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	42.00	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0099	EA	35 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	70.45	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0100	EA	40 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	60.65	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0101	EA	45 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	68.95	9.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.99*	
26 28 13 00-0102	EA	50 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	62.67	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 28 13 00-0103	EA	60 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	61.61	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 28 13 00-0104	EA	70 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	93.90	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 28 13 00-0105	EA	80 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	99.72	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 28 13 00-0106	EA	90 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	98.23	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 28 13 00-0107	EA	100 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	87.78	17.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.47*	
26 28 13 00-0108	EA	110 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	196.30	17.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.47*	
26 28 13 00-0109	EA	125 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	167.86	17.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.47*	
26 28 13 00-0110	EA	150 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	161.37	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0111	EA	175 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	163.63	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0112	EA	200 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	137.18	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0113	EA	225 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	335.00	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0114	EA	250 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	310.31	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0115	EA	300 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	286.55	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0116	EA	350 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	311.84	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0117	EA	400 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	259.80	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.47*	
26 28 13 00-0118	EA	450 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	541.90	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.47*	
26 28 13 00-0119	EA	500 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	462.28	24.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 13 00-0120	EA	600 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	346.38	24.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	

26 28 13 00-0121 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses *(26 28 13)*

26 28 13 00-0122	EA	100 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,024.80	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 28 13 00-0123	EA	150 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,026.81	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 28 13 00-0124	EA	200 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,028.69	12.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.48*	
26 28 13 00-0125	EA	250 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,026.47	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 28 13 00-0126	EA	300 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	945.87	14.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.98*	
26 28 13 00-0127	EA	350 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,012.71	17.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.47*	
26 28 13 00-0128	EA	400 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	932.69	17.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.47*	
26 28 13 00-0129	EA	450 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,042.27	17.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.47*	
26 28 13 00-0130	EA	500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,022.08	17.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.47*	
26 28 13 00-0131	EA	600 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	911.00	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0132	EA	601 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	935.29	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0133	EA	650 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,240.54	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0134	EA	700 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	906.60	19.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 13 00-0135	EA	750 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,388.48	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0136	EA	800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	804.01	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.46*	
26 28 13 00-0137	EA	900 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,169.45	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.46*	
26 28 13 00-0138	EA	1,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	790.66	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.46*	
26 28 13 00-0139	EA	1,200 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	813.89	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.46*	
26 28 13 00-0140	EA	1,350 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,796.94	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.46*	
26 28 13 00-0141	EA	1,400 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,771.84	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.46*	
26 28 13 00-0142	EA	1,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,599.60	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.46*	
26 28 13 00-0143	EA	1,600 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,004.32	24.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 13 00-0144	EA	1,800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,115.83	24.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 13 00-0145	EA	2,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,358.61	24.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 13 00-0146	EA	2,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,832.65	24.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 13 00-0147	EA	2,501 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,114.00	24.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 13 00-0148	EA	3,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,042.84	27.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.46*	
26 28 13 00-0149	EA	3,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,211.17	27.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.46*	
26 28 13 00-0150	EA	3,800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,884.40	27.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.46*	
26 28 13 00-0151	EA	4,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,829.65	27.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.46*	
26 28 13 00-0152	EA	5,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,458.36	27.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.46*	
26 28 13 00-0153	EA	6,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	7,372.12	27.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.46*	

26 28 16 Enclosed Switches And Circuit Breakers *(26 28)*

26 28 16 13 Enclosed Circuit Breakers *(26 28 16)*

26 28 16 13-0001 Branch Circuit Breakers *(26 28 16 13)*

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 28 16 13-0002 Branch Circuit Breakers 10,000 Amp Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0003	EA	1 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	46.76	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0004	EA	1 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	46.76	17.95
		For Bolt-On, Add	*12.83*	
		For Installation In New Panelboard, Deduct	*-9.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0005	EA	1 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	65.70	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 16 13-0006	EA	1 Pole GFI, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	90.92	21.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 28 16 13-0007	EA	1 Pole GFI, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	122.03	21.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 28 16 13-0008	EA	1 Pole GFI, 120/240 Volt, 15-30 Amp, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	139.77	21.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 28 16 13-0009	EA	1 Pole GFI, 120/240 Volt, 15-20 Amp, "Arc Fault" Circuit Breaker, 10,000 Amp Interrupting Capacity	73.77	21.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 28 16 13-0010	EA	2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	75.68	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0011	EA	2 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	75.68	26.93
		For Bolt-On, Add	*19.93*	
		For Installation In New Panelboard, Deduct	*-14.96*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0012	EA	2 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	111.45	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0013	EA	2 Pole, 120/240 Volt, 110-125 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	176.27	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0014	EA	2 Pole, 120/240 Volt, 150 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	205.74	49.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.92*	
26 28 16 13-0015	EA	2 Pole GFI, 120/240 Volt, 15-50 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	169.01	31.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.55*	
26 28 16 13-0016	EA	2 Pole, GFI, 120/240 Volt, 15-50 Amp, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	219.90	31.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.55*	
26 28 16 13-0017	EA	3 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	135.20	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0018	EA	3 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	135.20	35.91
		For Bolt-On, Add	*30.87*	
		For Installation In New Panelboard, Deduct	*-19.95*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0019	EA	3 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	175.97	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0020	EA	3 Pole, 120/240 Volt, 110-125 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	258.14	53.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	
26 28 16 13-0021	EA	3 Pole, 120/240 Volt, 150 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	325.98	62.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.90*	

26 28 16 13-0022 Branch Circuit Breakers 14,000 Amp Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0023	EA	1 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	62.88	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0024	EA	1 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	62.88	17.95
		For Bolt-On, Add	*14.84*	
		For Installation In New Panelboard, Deduct	*-9.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0025	EA	1 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	106.91	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 16 13-0026	EA	1 Pole GFI, 277/480 Volt, 15-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	157.23	21.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 28 16 13-0027	EA	2 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	118.12	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0028	EA	2 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	118.12	26.93
		For Bolt-On, Add	*25.24*	
		For Installation In New Panelboard, Deduct	*-14.96*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0029	EA	2 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	222.96	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0030	EA	2 Pole, 277/480 Volt, 110-125 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	301.50	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0031	EA	2 Pole, 277/480 Volt, 150 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	433.67	49.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.92*	
26 28 16 13-0032	EA	3 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	184.44	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0033	EA	3 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	184.44	35.91
		For Bolt-On, Add	*37.02*	
		For Installation In New Panelboard, Deduct	*-19.95*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0034	EA	3 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	270.87	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0035	EA	3 Pole, 277/480 Volt, 110-125 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	379.71	53.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	
26 28 16 13-0036	EA	3 Pole, 277/480 Volt, 150 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	576.37	62.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.90*	
26 28 16 13-0037	EA	3 Pole, 277/480 Volt, 175 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	662.22	67.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.89*	
26 28 16 13-0038	EA	3 Pole, 277/480 Volt, 200 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	711.15	71.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.88*	
26 28 16 13-0039	EA	3 Pole, 277/480 Volt, 225 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	836.62	76.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.87*	

26 28 16 13-0040 Branch Circuit Breakers 18,000 Amp Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0041	EA	1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	73.47	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0042	EA	1 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	73.47	17.95
		For Bolt-On, Add	*16.17*	
		For Installation In New Panelboard, Deduct	*-9.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0043	EA	1 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	117.37	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 16 13-0044	EA	2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	145.73	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0045	EA	2 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	145.73	26.93
		For Bolt-On, Add	*28.69*	
		For Installation In New Panelboard, Deduct	*-14.96*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0046	EA	2 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	249.44	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0047	EA	2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	613.63	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0048	EA	3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	230.00	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0049	EA	3 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	230.00	35.91
		For Bolt-On, Add	*42.72*	
		For Installation In New Panelboard, Deduct	*-19.95*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0050	EA	3 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	304.04	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0051	EA	3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity	758.68	53.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	

26 28 16 13-0052 Branch Circuit Breakers 22,000 Amp Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0053	EA	1 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	82.47	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0054	EA	1 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	82.47	17.95
		For Bolt-On, Add	*17.29*	
		For Installation In New Panelboard, Deduct	*-9.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0055	EA	1 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	97.91	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 16 13-0056	EA	1 Pole GFI, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	156.03	21.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.36*	
26 28 16 13-0057	EA	2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	169.20	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0058	EA	2 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	169.20	26.93
		For Bolt-On, Add	*31.62*	
		For Installation In New Panelboard, Deduct	*-14.96*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0059	EA	2 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	206.92	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0060	EA	2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	294.64	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0061	EA	2 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	376.46	49.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.92*	
26 28 16 13-0062	EA	2 Pole, 240 Volt, 250 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	468.28	58.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.90*	
26 28 16 13-0063	EA	2 Pole, 240 Volt, 300-400 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	507.56	67.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.89*	
26 28 16 13-0064	EA	3 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	207.31	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0065	EA	3 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	207.31	35.91
		For Bolt-On, Add	*39.88*	
		For Installation In New Panelboard, Deduct	*-19.95*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0066	EA	3 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	244.65	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0067	EA	3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	364.18	53.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	
26 28 16 13-0068	EA	3 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	477.40	69.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.39*	
26 28 16 13-0069	EA	3 Pole, 240 Volt, 250 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	587.08	80.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 28 16 13-0070	EA	3 Pole, 240 Volt, 300-400 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	624.01	85.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.86*	

26 28 16 13-0071 Branch Circuit Breakers 25,000 Amp Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0072	EA	2 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	175.06	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0073	EA	2 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	175.06	26.93
		For Bolt-On, Add	*32.36*	
		For Installation In New Panelboard, Deduct	*-14.96*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0074	EA	2 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	263.60	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0075	EA	2 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	421.31	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0076	EA	2 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	649.20	55.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.41*	
26 28 16 13-0077	EA	2 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	733.20	58.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.90*	
26 28 16 13-0078	EA	2 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	802.98	67.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.89*	
26 28 16 13-0079	EA	3 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	250.15	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0080	EA	3 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	250.15	35.91
		For Bolt-On, Add	*45.23*	
		For Installation In New Panelboard, Deduct	*-19.95*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0081	EA	3 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	314.94	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0082	EA	3 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	523.09	53.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	
26 28 16 13-0083	EA	3 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	759.82	69.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.39*	
26 28 16 13-0084	EA	3 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	896.80	80.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 28 16 13-0085	EA	3 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity	969.18	85.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.86*	

26 28 16 13-0086 Branch Circuit Breakers 30,000 Amp Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0087	EA	2 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	180.89	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0088	EA	2 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	180.89	26.93
		For Bolt-On, Add	*33.09*	
		For Installation In New Panelboard, Deduct	*-14.96*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0089	EA	2 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	317.40	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0090	EA	2 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	570.48	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0091	EA	2 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	895.77	55.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.41*	
26 28 16 13-0092	EA	2 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,016.78	58.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.90*	
26 28 16 13-0093	EA	2 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,108.99	67.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.89*	
26 28 16 13-0094	EA	3 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	290.50	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0095	EA	3 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	290.50	35.91
		For Bolt-On, Add	*50.28*	
		For Installation In New Panelboard, Deduct	*-19.95*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0096	EA	3 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	384.88	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0097	EA	3 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	693.52	53.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	
26 28 16 13-0098	EA	3 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	876.99	69.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.39*	
26 28 16 13-0099	EA	3 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,383.69	80.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.87*	
26 28 16 13-0100	EA	3 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity	1,473.29	85.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.86*	

26 28 16 13-0101 Branch Circuit Breakers 35,000 Amp Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0102	EA	1 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	97.15	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0103	EA	1 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	97.15	17.95
		For Bolt-On, Add	*19.13*	
		For Installation In New Panelboard, Deduct	*-9.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0104	EA	1 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	163.67	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 16 13-0105	EA	2 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	204.75	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0106	EA	2 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	204.75	26.93
		For Bolt-On, Add	*36.07*	
		For Installation In New Panelboard, Deduct	*-14.96*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0107	EA	2 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	366.78	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0108	EA	2 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	669.10	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0109	EA	2 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	1,285.32	55.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.41*	
26 28 16 13-0110	EA	3 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	333.56	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0111	EA	3 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	333.56	35.91
		For Bolt-On, Add	*55.66*	
		For Installation In New Panelboard, Deduct	*-19.95*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0112	EA	3 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	444.70	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0113	EA	3 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	823.53	53.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	
26 28 16 13-0114	EA	3 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity	1,597.99	69.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0115		Branch Circuit Breakers 42,000 Amp Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0116	EA	1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	138.53	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0117	EA	1 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	138.53	17.95
		For Bolt-On, Add	*24.30*	
		For Installation In New Panelboard, Deduct	*-9.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0118	EA	1 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	207.67	22.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.96*	
26 28 16 13-0119	EA	2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	252.62	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0120	EA	2 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	252.62	26.93
		For Bolt-On, Add	*42.05*	
		For Installation In New Panelboard, Deduct	*-14.96*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0121	EA	2 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	469.82	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0122	EA	2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	843.94	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0123	EA	2 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	1,665.32	49.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.92*	
26 28 16 13-0124	EA	3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	429.47	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0125	EA	3 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	429.47	35.91
		For Bolt-On, Add	*67.65*	
		For Installation In New Panelboard, Deduct	*-19.95*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0126	EA	3 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	592.89	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0127	EA	3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	953.54	53.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	
26 28 16 13-0128	EA	3 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity	2,104.72	69.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.39*	
26 28 16 13-0129		Branch Circuit Breakers 65,000 Amp Interrupting Capacity, Plug-On *(26 28 16 13-0001)*		
		Note: Includes connection of electrical wire.		
26 28 16 13-0130	EA	1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	67.11	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0131	EA	2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	136.54	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0132	EA	3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	213.39	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0133	EA	1 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	131.44	17.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0134	EA	1 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	131.44	17.95
		For Bolt-On, Add	*23.41*	
		For Installation In New Panelboard, Deduct	*-9.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.97*	
26 28 16 13-0135	EA	1 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	261.81	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0136	EA	2 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	292.05	26.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0137	EA	2 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	292.05	26.93
		For Bolt-On, Add	*46.98*	
		For Installation In New Panelboard, Deduct	*-14.96*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.96*	
26 28 16 13-0138	EA	2 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	558.68	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0139	EA	2 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	942.56	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0140	EA	2 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	2,059.66	55.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.41*	
26 28 16 13-0141	EA	3 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	485.88	35.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0142	EA	3 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	485.88	35.91
		For Bolt-On, Add	*74.70*	
		For Installation In New Panelboard, Deduct	*-19.95*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.94*	
26 28 16 13-0143	EA	3 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	674.77	44.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.93*	
26 28 16 13-0144	EA	3 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	1,025.27	53.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.91*	
26 28 16 13-0145	EA	3 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	2,561.06	69.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.39*	

26 28 16 16 Enclosed Switches *(26 28 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0001		Motor And Circuit Disconnects *(26 28 16 16)* Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.		
26 28 16 16-0002		NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0003		Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)* Note: Includes fuses and neutral bar.		
26 28 16 16-0004		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0005	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	345.54	99.76
26 28 16 16-0006	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	532.50	120.20
26 28 16 16-0007	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	724.74	140.65
26 28 16 16-0008	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,242.47	221.45
26 28 16 16-0009	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,605.30	344.14
26 28 16 16-0010	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,331.56	508.74
26 28 16 16-0011	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,881.52	598.51
26 28 16 16-0012	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,866.19	698.26
26 28 16 16-0013		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0014	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	514.03	110.83
26 28 16 16-0015	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	620.13	133.57
26 28 16 16-0016	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	969.93	156.11
26 28 16 16-0017	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,438.63	246.39
26 28 16 16-0018	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,094.19	382.25
26 28 16 16-0019	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,814.45	564.99
26 28 16 16-0020	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,070.05	664.65
26 28 16 16-0021	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,620.93	775.87
26 28 16 16-0022		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0023	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	495.90	156.61
26 28 16 16-0024	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	723.99	207.99
26 28 16 16-0025	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	960.63	230.93
26 28 16 16-0026	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,518.48	361.60
26 28 16 16-0027	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,108.62	593.52
26 28 16 16-0028	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,017.14	831.43
26 28 16 16-0029		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0030	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	638.72	173.07
26 28 16 16-0031	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	814.94	230.93
26 28 16 16-0032	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,177.36	259.85
26 28 16 16-0033	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,737.46	396.02
26 28 16 16-0034	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,799.19	639.41
26 28 16 16-0035	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,083.02	923.70
26 28 16 16-0036	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,571.29	1,097.27
26 28 16 16-0037	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,189.39	1,246.90

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0038		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0039	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	481.88	156.61
26 28 16 16-0040	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	705.86	207.99
26 28 16 16-0041	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	927.66	230.93
26 28 16 16-0042	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,563.83	361.60
26 28 16 16-0043	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,364.21	593.52
26 28 16 16-0044	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,401.66	831.43
26 28 16 16-0045	EA	800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,844.68	1,047.40
26 28 16 16-0046	EA	1,200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,879.09	1,197.02
26 28 16 16-0047		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0048	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	690.19	173.07
26 28 16 16-0049	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	878.18	230.93
26 28 16 16-0050	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,269.83	259.85
26 28 16 16-0051	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,875.90	396.02
26 28 16 16-0052	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,094.55	639.41
26 28 16 16-0053	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,604.65	923.70
26 28 16 16-0054	EA	800 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,437.32	1,097.27
26 28 16 16-0055	EA	1,200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,124.89	1,246.90
26 28 16 16-0056		Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0057		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0058	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	336.67	144.34
26 28 16 16-0059	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	518.23	200.80
26 28 16 16-0060	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	704.87	230.93
26 28 16 16-0061	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,105.70	369.48
26 28 16 16-0062	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,204.36	615.76
26 28 16 16-0063	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,570.11	839.71
26 28 16 16-0064	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,060.20	997.51
26 28 16 16-0065	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,650.79	1,164.20
26 28 16 16-0066		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0067	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	371.84	159.31
26 28 16 16-0068	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	586.39	225.34
26 28 16 16-0069	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	795.80	256.56
26 28 16 16-0070	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,235.70	401.60
26 28 16 16-0071	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,371.51	659.76
26 28 16 16-0072	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,948.30	923.60
26 28 16 16-0073	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,589.60	997.51
26 28 16 16-0074	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,375.78	1,164.20
26 28 16 16-0075		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0076	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	396.94	129.68
26 28 16 16-0077	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	602.06	180.55
26 28 16 16-0078	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	801.28	207.99
26 28 16 16-0079	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,260.73	332.67
26 28 16 16-0080	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,490.26	554.12
26 28 16 16-0081	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,972.64	755.61
26 28 16 16-0082	EA	800 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,713.97	897.77
26 28 16 16-0083	EA	1,200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,712.00	1,047.40
26 28 16 16-0084		**480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0085	EA	30 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	433.55	143.15
26 28 16 16-0086	EA	60 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	663.31	203.00
26 28 16 16-0087	EA	100 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	875.00	230.93
26 28 16 16-0088	EA	200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,361.10	361.60
26 28 16 16-0089	EA	400 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,668.12	593.52
26 28 16 16-0090	EA	600 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,299.58	831.43
26 28 16 16-0091	EA	800 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,064.00	897.77
26 28 16 16-0092		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0093	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	459.67	143.35
26 28 16 16-0094	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	707.84	202.80
26 28 16 16-0095	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	947.43	230.93
26 28 16 16-0096	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,472.66	361.40
26 28 16 16-0097	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,824.17	593.72
26 28 16 16-0098	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,761.42	831.24
26 28 16 16-0099	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,591.44	897.77
26 28 16 16-0100	EA	1,200 Amp, 600 Volt Class, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,893.23	1,047.40
26 28 16 16-0101		**240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0102	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	647.77	129.88
26 28 16 16-0103	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	790.18	180.75
26 28 16 16-0104	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,189.28	207.79
26 28 16 16-0105	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,791.38	332.47
26 28 16 16-0106		**480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0107	EA	30 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	702.37	143.15
26 28 16 16-0108	EA	60 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	864.89	203.00
26 28 16 16-0109	EA	100 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,290.73	230.93
26 28 16 16-0110	EA	200 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,929.67	361.60
26 28 16 16-0111		**600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0112	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	775.05	143.35
26 28 16 16-0113	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	945.06	202.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0114	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,434.91	230.93
26 28 16 16-0115	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,139.70	361.40
26 28 16 16-0116		General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
		Note: Includes fuses and neutral bar.		
26 28 16 16-0117		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0118	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	245.39	86.78
26 28 16 16-0119	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	330.07	104.44
26 28 16 16-0120	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	495.38	122.10
26 28 16 16-0121	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	906.29	192.62
26 28 16 16-0122	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,104.57	298.76
26 28 16 16-0123	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,898.54	442.20
26 28 16 16-0124		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0125	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	344.39	136.36
26 28 16 16-0126	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	482.35	180.75
26 28 16 16-0127	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	652.77	200.80
26 28 16 16-0128	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,150.53	314.31
26 28 16 16-0129	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,541.59	516.31
26 28 16 16-0130	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,463.60	722.80
26 28 16 16-0131		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0132	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	378.30	136.36
26 28 16 16-0133	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	537.03	180.75
26 28 16 16-0134	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	702.53	200.80
26 28 16 16-0135	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,275.89	314.31
26 28 16 16-0136	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,755.85	516.31
26 28 16 16-0137	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,599.42	722.80
26 28 16 16-0138		General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0140	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	335.99	120.70
26 28 16 16-0141	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	440.22	138.76
26 28 16 16-0142	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	964.88	221.75
26 28 16 16-0143	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,035.31	369.08
26 28 16 16-0144	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,479.87	502.95
26 28 16 16-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0146	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	317.07	112.92
26 28 16 16-0147	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	435.20	157.11
26 28 16 16-0148	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	643.30	180.75
26 28 16 16-0149	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,100.23	289.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0150	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,261.76	482.00
26 28 16 16-0151	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,789.44	656.96
26 28 16 16-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0153		Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
		Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0154		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0155	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	498.10	117.21
26 28 16 16-0156	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	777.68	140.65
26 28 16 16-0157	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	968.07	163.59
26 28 16 16-0158	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,420.20	249.38
26 28 16 16-0159	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,089.42	399.00
26 28 16 16-0160	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,360.98	532.18
26 28 16 16-0161	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,973.85	598.51
26 28 16 16-0162	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,535.66	698.26
26 28 16 16-0163		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0164	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	842.66	156.21
26 28 16 16-0165	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,005.18	191.53
26 28 16 16-0166	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,410.06	219.95
26 28 16 16-0167	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,993.11	329.88
26 28 16 16-0168	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,280.22	539.75
26 28 16 16-0169	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,790.93	742.25
26 28 16 16-0170	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,378.76	854.67
26 28 16 16-0171	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,541.45	962.11
26 28 16 16-0172		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0173	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	646.69	184.54
26 28 16 16-0174	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,010.87	244.39
26 28 16 16-0175	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,209.86	268.33
26 28 16 16-0176	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,799.72	415.46
26 28 16 16-0177	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,825.98	692.78
26 28 16 16-0178	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,307.82	923.70
26 28 16 16-0179		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0180	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	969.30	218.76
26 28 16 16-0181	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,158.81	268.13
26 28 16 16-0182	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,535.07	307.83
26 28 16 16-0183	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,234.60	461.85
26 28 16 16-0184	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,636.27	755.72
26 28 16 16-0185	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,270.19	1,039.11
26 28 16 16-0186	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,619.31	1,197.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0187	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,881.32	1,346.64
26 28 16 16-0188		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0189	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	704.20	184.54
26 28 16 16-0190	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,012.54	244.39
26 28 16 16-0191	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,290.71	268.33
26 28 16 16-0192	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,853.65	415.46
26 28 16 16-0193	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,875.45	692.78
26 28 16 16-0194	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,852.00	923.70
26 28 16 16-0195	EA	800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,278.25	1,047.40
26 28 16 16-0196	EA	1,200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,023.89	1,197.02
26 28 16 16-0197		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0153)*		
26 28 16 16-0198	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,002.29	218.96
26 28 16 16-0199	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,195.90	268.33
26 28 16 16-0200	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,617.52	307.73
26 28 16 16-0201	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,288.19	461.85
26 28 16 16-0202	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,830.03	755.61
26 28 16 16-0203	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,492.81	1,038.91
26 28 16 16-0204	EA	800 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,320.30	1,197.02
26 28 16 16-0205	EA	1,200 Amp, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,805.32	1,346.64
26 28 16 16-0206		**Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0152)*		
26 28 16 16-0207		**240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0208	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	470.13	102.64
26 28 16 16-0209	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	759.60	142.14
26 28 16 16-0210	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	991.21	162.99
26 28 16 16-0211	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,333.65	263.94
26 28 16 16-0212	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,922.84	440.31
26 28 16 16-0213	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,262.08	587.04
26 28 16 16-0214	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,388.40	698.56
26 28 16 16-0215	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,034.78	798.31
26 28 16 16-0216		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0217	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	528.54	113.12
26 28 16 16-0218	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	859.97	158.30
26 28 16 16-0219	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,117.58	178.75
26 28 16 16-0220	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,475.18	277.11
26 28 16 16-0221	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,305.22	461.85
26 28 16 16-0222	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,675.59	615.76
26 28 16 16-0223	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,941.83	731.78
26 28 16 16-0224	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,757.87	831.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0225		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0226	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	572.75	153.92
26 28 16 16-0227	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	901.70	213.17
26 28 16 16-0228	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,154.20	244.49
26 28 16 16-0229	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,597.54	395.92
26 28 16 16-0230	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,404.55	660.36
26 28 16 16-0231	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,930.23	880.31
26 28 16 16-0232	EA	800 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,177.54	1,047.40
26 28 16 16-0233	EA	1,200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,090.92	1,197.02
26 28 16 16-0234		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0235	EA	30 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	623.09	169.58
26 28 16 16-0236	EA	60 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	984.36	237.51
26 28 16 16-0237	EA	100 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,249.04	268.13
26 28 16 16-0238	EA	200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,694.69	415.66
26 28 16 16-0239	EA	400 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,617.95	692.68
26 28 16 16-0240	EA	600 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,314.12	923.60
26 28 16 16-0241	EA	800 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,783.01	1,097.27
26 28 16 16-0242	EA	1,200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,881.68	1,246.90
26 28 16 16-0243		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0244	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	360.75	169.58
26 28 16 16-0245	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,018.30	237.51
26 28 16 16-0246	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,296.35	268.13
26 28 16 16-0247	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,752.27	415.66
26 28 16 16-0248	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,767.03	692.68
26 28 16 16-0249	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,291.34	923.60
26 28 16 16-0250	EA	800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,770.24	1,097.27
26 28 16 16-0251	EA	1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,864.32	1,246.90
26 28 16 16-0252		General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
		Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0253		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0254	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	314.22	101.95
26 28 16 16-0255	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	436.55	122.30
26 28 16 16-0256	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	568.35	142.24
26 28 16 16-0257	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,141.89	216.86
26 28 16 16-0258	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,735.47	346.94
26 28 16 16-0259	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,800.47	462.85
26 28 16 16-0260		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0261	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	432.08	160.70
26 28 16 16-0262	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	617.40	212.58
26 28 16 16-0263	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	749.87	233.22
26 28 16 16-0264	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,431.72	361.40
26 28 16 16-0265	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,247.68	602.30
26 28 16 16-0266	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,488.29	803.40
26 28 16 16-0267		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0268	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	479.59	160.60
26 28 16 16-0269	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	665.14	212.58
26 28 16 16-0270	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	903.38	233.22
26 28 16 16-0271	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,530.84	361.40
26 28 16 16-0272	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,311.35	602.40
26 28 16 16-0273	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,984.95	803.40
26 28 16 16-0274	EA	800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,477.82	910.13
26 28 16 16-0275		General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0276		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0277	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	282.67	89.28
26 28 16 16-0278	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	455.53	123.59
26 28 16 16-0279	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	482.57	141.74
26 28 16 16-0280	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,167.52	229.43
26 28 16 16-0281	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,807.69	382.85
26 28 16 16-0282	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,897.86	510.43
26 28 16 16-0283		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0284	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	440.61	133.87
26 28 16 16-0285	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	631.97	185.33
26 28 16 16-0286	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	906.77	212.58
26 28 16 16-0287	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,552.21	344.24
26 28 16 16-0288		NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0289		Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
		Note: With fuses and neutral bar (stainless steel).		
26 28 16 16-0290		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0291	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,256.25	99.76
26 28 16 16-0292	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,509.20	120.20
26 28 16 16-0293	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,046.13	140.45
26 28 16 16-0294	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,221.73	221.65
26 28 16 16-0295	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,549.24	343.94
26 28 16 16-0296	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,293.30	508.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0297		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0298	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,589.29	110.83
26 28 16 16-0299	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,770.56	133.47
26 28 16 16-0300	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,294.76	156.01
26 28 16 16-0301	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,664.57	246.39
26 28 16 16-0302	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,886.37	382.45
26 28 16 16-0303	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,746.98	564.99
26 28 16 16-0304		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0305	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,425.72	156.81
26 28 16 16-0306	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,790.50	207.79
26 28 16 16-0307	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,363.80	230.93
26 28 16 16-0308	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,792.14	361.40
26 28 16 16-0309	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,308.93	593.72
26 28 16 16-0310	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,279.56	831.24
26 28 16 16-0311		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0312	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,718.24	173.17
26 28 16 16-0313	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,970.06	230.93
26 28 16 16-0314	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,511.49	259.75
26 28 16 16-0315	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,976.41	395.82
26 28 16 16-0316	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,621.97	639.41
26 28 16 16-0317	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,695.96	923.60
26 28 16 16-0318		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0319	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,694.61	156.81
26 28 16 16-0320	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,126.64	207.79
26 28 16 16-0321	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,036.43	230.93
26 28 16 16-0322	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,711.94	361.40
26 28 16 16-0323	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,119.20	593.72
26 28 16 16-0324	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,767.31	831.24
26 28 16 16-0325		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0326	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,035.97	173.17
26 28 16 16-0327	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,330.36	230.93
26 28 16 16-0328	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,198.08	259.75
26 28 16 16-0329	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,903.89	395.82
26 28 16 16-0330	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,456.66	639.41
26 28 16 16-0331	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,217.62	923.60
26 28 16 16-0332		Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0333		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0334	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,206.63	99.76
26 28 16 16-0335	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,474.25	138.76
26 28 16 16-0336	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,742.68	159.61
26 28 16 16-0337	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,816.07	254.96
26 28 16 16-0338	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,934.72	424.54
26 28 16 16-0339	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,922.69	578.36
26 28 16 16-0340		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0341	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,371.15	110.02
26 28 16 16-0342	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,678.76	155.61
26 28 16 16-0343	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,124.36	177.36
26 28 16 16-0344	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,332.69	277.11
26 28 16 16-0345	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,867.13	456.07
26 28 16 16-0346	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,295.20	638.41
26 28 16 16-0347		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0348	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,266.90	129.88
26 28 16 16-0349	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,539.05	180.75
26 28 16 16-0350	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,612.29	207.79
26 28 16 16-0351	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,088.47	332.47
26 28 16 16-0352	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,414.44	554.22
26 28 16 16-0353	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,566.06	755.72
26 28 16 16-0354		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0355	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,437.65	143.35
26 28 16 16-0356	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,773.11	202.80
26 28 16 16-0357	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,231.48	230.93
26 28 16 16-0358	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,501.22	361.40
26 28 16 16-0359	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,946.40	593.72
26 28 16 16-0360	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,010.73	831.24
26 28 16 16-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0362	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,726.61	129.88
26 28 16 16-0363	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,078.25	180.75
26 28 16 16-0364	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,613.49	207.79
26 28 16 16-0365	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,042.76	332.47
26 28 16 16-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0367	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,963.02	143.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0368	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,367.58	202.80
26 28 16 16-0369	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,259.36	230.93
26 28 16 16-0370	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,011.69	361.40
26 28 16 16-0371		Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0373	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,284.95	173.07
26 28 16 16-0374	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,615.19	230.93
26 28 16 16-0375	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,651.39	259.85
26 28 16 16-0376	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,072.72	396.02
26 28 16 16-0377		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0378	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,133.69	143.15
26 28 16 16-0379	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,458.27	203.00
26 28 16 16-0380	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,392.46	230.93
26 28 16 16-0381	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,985.75	361.60
26 28 16 16-0382		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0383		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)*		
26 28 16 16-0384	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,604.87	173.07
26 28 16 16-0385	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,973.18	230.93
26 28 16 16-0386	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,328.40	259.85
26 28 16 16-0387		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)*		
26 28 16 16-0388	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,436.40	143.15
26 28 16 16-0389	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,797.23	203.00
26 28 16 16-0390	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,042.28	230.93
26 28 16 16-0391		NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0001)* Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
26 28 16 16-0392		Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0391)* Note: With fuses and neutral bar.		
26 28 16 16-0393	EA	30 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,080.03	199.50
26 28 16 16-0394	EA	60 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,352.64	237.51
26 28 16 16-0395	EA	100 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,610.55	268.13
26 28 16 16-0396	EA	200 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	5,490.96	415.66
26 28 16 16-0397		Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0398	EA	60 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	1,641.79	237.51
26 28 16 16-0399	EA	100 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	1,918.26	268.13
26 28 16 16-0400	EA	200 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,502.00	415.66
26 28 16 16-0401		NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0402		Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0401)* Note: With fuses and neutral bar.		
26 28 16 16-0403		240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0404	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	478.59	99.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0405	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	621.80	120.20
26 28 16 16-0406	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	841.03	140.65
26 28 16 16-0407	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,413.67	221.45
26 28 16 16-0408	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,975.94	344.14
26 28 16 16-0409	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,337.45	508.74
26 28 16 16-0410		**600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0411	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	736.99	110.73
26 28 16 16-0412	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	765.97	133.67
26 28 16 16-0413	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,091.86	156.11
26 28 16 16-0414	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,708.99	246.39
26 28 16 16-0415	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,679.59	382.05
26 28 16 16-0416	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,218.01	565.09
26 28 16 16-0417		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0418	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	670.92	156.61
26 28 16 16-0419	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	926.38	207.99
26 28 16 16-0420	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,247.93	230.93
26 28 16 16-0421	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,860.60	361.60
26 28 16 16-0422	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,615.68	593.52
26 28 16 16-0423	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,766.13	831.43
26 28 16 16-0424		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0425	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	882.30	173.07
26 28 16 16-0426	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,010.11	230.93
26 28 16 16-0427	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,463.59	259.85
26 28 16 16-0428	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,135.63	396.02
26 28 16 16-0429	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,416.11	639.41
26 28 16 16-0430	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,220.68	923.70
26 28 16 16-0431		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0432	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	713.57	156.61
26 28 16 16-0433	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	955.69	207.99
26 28 16 16-0434	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,339.91	230.93
26 28 16 16-0435	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,976.09	361.60
26 28 16 16-0436	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,924.89	593.52
26 28 16 16-0437	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,975.02	831.43
26 28 16 16-0438		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0439	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	931.75	173.07
26 28 16 16-0440	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,142.03	230.93
26 28 16 16-0441	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,554.30	259.85
26 28 16 16-0442	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,308.77	396.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0443	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,696.44	639.41
26 28 16 16-0444	EA	600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,451.54	923.70
26 28 16 16-0445		Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0401)*		
26 28 16 16-0446		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0447	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	499.35	144.14
26 28 16 16-0448	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	664.22	201.00
26 28 16 16-0449	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	873.21	230.93
26 28 16 16-0450	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,253.80	369.58
26 28 16 16-0451	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,715.62	615.97
26 28 16 16-0452	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,271.42	839.91
26 28 16 16-0453		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0454	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	556.26	159.11
26 28 16 16-0455	EA	60 Amp, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase	738.63	225.44
26 28 16 16-0456	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	973.08	256.37
26 28 16 16-0457	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,362.31	401.50
26 28 16 16-0458	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,877.43	659.86
26 28 16 16-0459	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,719.21	923.70
26 28 16 16-0460		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0461	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	643.53	129.68
26 28 16 16-0462	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	849.51	180.55
26 28 16 16-0463	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,121.68	207.99
26 28 16 16-0464	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,611.38	332.67
26 28 16 16-0465	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,352.26	554.12
26 28 16 16-0466	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,255.89	755.61
26 28 16 16-0467		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0468	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	634.59	143.15
26 28 16 16-0469	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	920.81	203.00
26 28 16 16-0470	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,203.87	230.93
26 28 16 16-0471	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,600.93	361.60
26 28 16 16-0472	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,376.59	593.52
26 28 16 16-0473	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,238.55	831.43
26 28 16 16-0474		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0475	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	765.57	129.68
26 28 16 16-0476	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	918.91	180.55
26 28 16 16-0477	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,406.01	207.99
26 28 16 16-0478	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,230.42	332.67
26 28 16 16-0479	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,983.37	423.95

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0480		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0445)*		
26 28 16 16-0481	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	797.84	143.15
26 28 16 16-0482	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,003.26	203.00
26 28 16 16-0483	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,504.81	230.93
26 28 16 16-0484	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,297.63	361.60
26 28 16 16-0485	EA	400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,268.68	558.61
26 28 16 16-0486		Double Throw Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0487		NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0486)*		
26 28 16 16-0488		240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0489	EA	30 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	601.73	128.18
26 28 16 16-0490	EA	60 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	882.02	167.58
26 28 16 16-0491	EA	100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,232.15	218.96
26 28 16 16-0492	EA	200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,640.81	284.79
26 28 16 16-0493	EA	400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,856.02	356.11
26 28 16 16-0494	EA	600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,991.17	571.08
26 28 16 16-0495	EA	800 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,064.63	798.01
26 28 16 16-0496	EA	1,000 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,798.15	897.77
26 28 16 16-0497	EA	1,200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	13,882.82	997.51
26 28 16 16-0498		240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0499	EA	30 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	764.84	179.55
26 28 16 16-0500	EA	60 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,062.56	234.42
26 28 16 16-0501	EA	100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,584.91	306.74
26 28 16 16-0502	EA	200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,311.28	399.00
26 28 16 16-0503	EA	400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,315.99	498.76
26 28 16 16-0504	EA	600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,450.21	798.01
26 28 16 16-0505	EA	800 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,709.60	897.77
26 28 16 16-0506	EA	1,000 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,367.74	997.51
26 28 16 16-0507	EA	1,200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,636.59	1,097.27
26 28 16 16-0508	EA	1,600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,961.61	1,296.77
26 28 16 16-0509	EA	2,000 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,311.55	1,496.27
26 28 16 16-0510	EA	2,600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	26,190.50	1,695.78
26 28 16 16-0511	EA	3,000 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	28,777.07	1,895.28
26 28 16 16-0512		240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0513	EA	30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,011.83	224.44
26 28 16 16-0514	EA	60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,461.64	293.27
26 28 16 16-0515	EA	100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,551.16	383.04
26 28 16 16-0516	EA	200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,486.35	497.77
26 28 16 16-0517	EA	400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,907.83	623.45
26 28 16 16-0518	EA	600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,805.29	999.02
26 28 16 16-0519	EA	800 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,092.12	1,097.27
26 28 16 16-0520	EA	1,000 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,658.12	1,147.14
26 28 16 16-0521	EA	1,200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,413.69	1,197.02
26 28 16 16-0522	EA	1,600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	20,013.86	1,396.53
26 28 16 16-0523	EA	2,000 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	23,025.70	1,596.03
26 28 16 16-0524	EA	2,600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	32,560.50	1,795.53
26 28 16 16-0525	EA	3,000 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	36,004.23	1,995.03
26 28 16 16-0526		600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0527	EA	60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,010.63	167.58
26 28 16 16-0528	EA	100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,509.35	218.96
26 28 16 16-0529	EA	200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,213.13	284.79
26 28 16 16-0530	EA	400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,121.20	356.11
26 28 16 16-0531	EA	600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,583.93	571.08
26 28 16 16-0532	EA	800 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,711.52	798.01
26 28 16 16-0533	EA	1,000 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,798.42	897.77
26 28 16 16-0534	EA	1,200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,071.60	997.51
26 28 16 16-0535		600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0487)*		
26 28 16 16-0536	EA	60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,144.17	234.42
26 28 16 16-0537	EA	100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,684.44	306.74
26 28 16 16-0538	EA	200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,440.58	399.00
26 28 16 16-0539	EA	400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,406.25	498.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0540	EA	600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,039.11	798.01
26 28 16 16-0541	EA	800 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,401.01	897.77
26 28 16 16-0542	EA	1,000 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,861.67	997.51
26 28 16 16-0543	EA	1,200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,880.80	1,097.27
26 28 16 16-0544	EA	1,600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,188.66	1,296.77
26 28 16 16-0545	EA	2,000 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,840.99	1,496.27
26 28 16 16-0546	EA	2,600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	26,190.46	1,695.78
26 28 16 16-0547	EA	3,000 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	31,275.71	1,895.28
26 28 16 16-0548		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0549	EA	60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,542.19	293.27
26 28 16 16-0550	EA	100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,667.45	383.04
26 28 16 16-0551	EA	200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,727.03	497.77
26 28 16 16-0552	EA	400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,420.41	623.45
26 28 16 16-0553	EA	600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	9,378.88	999.02
26 28 16 16-0554	EA	800 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,981.88	1,097.27
26 28 16 16-0555	EA	1,000 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,894.51	1,147.14
26 28 16 16-0556	EA	1,200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,815.65	1,197.02
26 28 16 16-0557	EA	1,600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	21,735.94	1,396.53
26 28 16 16-0558	EA	2,000 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	25,009.07	1,596.03
26 28 16 16-0559	EA	2,600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	35,457.45	1,795.53
26 28 16 16-0560	EA	3,000 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	39,205.64	1,995.03
26 28 16 16-0561		**NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0486)*		
26 28 16 16-0562		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0563	EA	100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,523.64	218.96
26 28 16 16-0564	EA	200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,429.94	284.79
26 28 16 16-0565	EA	400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	11,063.30	356.11
26 28 16 16-0566	EA	600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	19,041.83	571.08
26 28 16 16-0567		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0568	EA	100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,002.90	306.24
26 28 16 16-0569	EA	200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,205.12	398.51
26 28 16 16-0570	EA	400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	11,445.88	498.76
26 28 16 16-0571	EA	600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,515.25	799.51
26 28 16 16-0572		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0573	EA	30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,909.50	224.54
26 28 16 16-0574	EA	60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,372.25	293.07
26 28 16 16-0575	EA	100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,317.92	382.94
26 28 16 16-0576	EA	200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,781.98	497.96
26 28 16 16-0577	EA	400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,053.40	623.45
26 28 16 16-0578	EA	600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,474.87	999.12
26 28 16 16-0579		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0580	EA	60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,286.84	167.58
26 28 16 16-0581	EA	100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,947.93	218.96
26 28 16 16-0582	EA	200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,512.35	284.79
26 28 16 16-0583	EA	400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,701.48	356.11
26 28 16 16-0584	EA	600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,984.11	571.08
26 28 16 16-0585		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0586	EA	60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,471.11	234.42
26 28 16 16-0587	EA	100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,202.68	306.24
26 28 16 16-0588	EA	200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,894.67	398.51
26 28 16 16-0589	EA	400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,301.77	498.76
26 28 16 16-0590	EA	600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,851.49	799.51
26 28 16 16-0591		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0561)*		
26 28 16 16-0592	EA	60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,390.89	293.07
26 28 16 16-0593	EA	100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,326.47	382.94
26 28 16 16-0594	EA	200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,900.68	497.96
26 28 16 16-0595	EA	400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,039.38	623.45
26 28 16 16-0596	EA	600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,552.12	999.12
26 28 16 16-0597		**NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0486)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0598		240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0599	EA	30 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,512.84	128.28
26 28 16 16-0600	EA	60 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,720.18	167.48
26 28 16 16-0601	EA	100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,955.15	218.86
26 28 16 16-0602	EA	200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,683.04	284.59
26 28 16 16-0603	EA	400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,961.01	356.21
26 28 16 16-0604	EA	600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,290.07	570.88
26 28 16 16-0605		240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0606	EA	30 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,748.04	179.55
26 28 16 16-0607	EA	60 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,074.12	234.42
26 28 16 16-0608	EA	100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,469.77	306.24
26 28 16 16-0609	EA	200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,434.87	398.51
26 28 16 16-0610	EA	400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,193.14	498.76
26 28 16 16-0611	EA	600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,225.26	799.51
26 28 16 16-0612		240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0613	EA	30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,598.55	224.54
26 28 16 16-0614	EA	60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,049.32	293.07
26 28 16 16-0615	EA	100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,175.12	382.94
26 28 16 16-0616	EA	200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,665.50	497.96
26 28 16 16-0617	EA	400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,398.92	623.45
26 28 16 16-0618	EA	600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,986.65	999.12
26 28 16 16-0619		600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0620	EA	60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,253.53	167.48
26 28 16 16-0621	EA	100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,382.39	218.86
26 28 16 16-0622	EA	200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,478.27	284.59
26 28 16 16-0623	EA	400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,446.28	356.21
26 28 16 16-0624	EA	600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,683.43	570.88
26 28 16 16-0625		600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0626	EA	60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,488.49	234.42
26 28 16 16-0627	EA	100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,659.92	306.24
26 28 16 16-0628	EA	200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,911.27	398.51
26 28 16 16-0629	EA	400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,032.89	498.76
26 28 16 16-0630	EA	600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,534.66	799.51
26 28 16 16-0631		600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches *(26 28 16 16-0597)*		
26 28 16 16-0632	EA	60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,079.70	293.07
26 28 16 16-0633	EA	100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,399.26	382.94
26 28 16 16-0634	EA	200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,797.61	497.96
26 28 16 16-0635	EA	400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,683.28	623.45
26 28 16 16-0636	EA	600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	13,363.57	999.12
26 28 16 16-0637		Removal And Reinstallation Of Disconnect Switches *(26 28 16 16-0001)* Note: Includes storage and cleaning.		
26 28 16 16-0638	EA	Removal And Reinstallation Of Up To 100 Amp Safety Disconnect Switch	498.76	
26 28 16 16-0639	EA	Removal And Reinstallation Of >100 To 200 Amp Safety Disconnect Switch	648.42	
26 28 16 16-0640	EA	Removal And Reinstallation Of >200 To 300 Amp Safety Disconnect Switch	723.25	
26 28 16 16-0641	EA	Removal And Reinstallation Of >300 To 400 Amp Safety Disconnect Switch	847.94	
26 28 16 16-0642		Bolted Contact Switches *(26 28 16 16)* Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 16-0643		Electrical Trip, Bolted Contact Switches *(26 28 16 16-0642)*		
26 28 16 16-0644		Top Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0643)*		
26 28 16 16-0645	EA	800 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	6,355.72	997.51
26 28 16 16-0646	EA	1,200 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	6,941.82	1,197.02
26 28 16 16-0647	EA	1,600 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	7,603.47	1,396.53
26 28 16 16-0648	EA	2,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	8,092.44	1,596.03
26 28 16 16-0649	EA	2,500 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	9,135.47	1,795.53
26 28 16 16-0650	EA	3,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	11,322.65	1,995.03
26 28 16 16-0651	EA	4,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	15,106.94	2,394.04
26 28 16 16-0652		Bottom Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0643)*		
26 28 16 16-0653	EA	800 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	6,704.72	997.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0654	EA	1,200 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	7,359.18	1,197.02
26 28 16 16-0655	EA	1,600 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	8,017.23	1,396.53
26 28 16 16-0656	EA	2,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	8,686.10	1,596.03
26 28 16 16-0657	EA	2,500 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	9,775.90	1,795.53
26 28 16 16-0658	EA	3,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	12,524.36	1,995.03
26 28 16 16-0659	EA	4,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	16,359.02	2,394.04

26 28 16 16-0660 Manually Operated, Bolted Contact Switches *(26 28 16 16-0642)*

26 28 16 16-0661 Top Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0660)*

26 28 16 16-0662	EA	800 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	4,787.02	997.51
26 28 16 16-0663	EA	1,200 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	5,391.84	1,197.02
26 28 16 16-0664	EA	1,600 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	6,026.14	1,396.53
26 28 16 16-0665	EA	2,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	6,656.15	1,596.03
26 28 16 16-0666	EA	2,500 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	7,322.11	1,795.53
26 28 16 16-0667	EA	3,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	9,509.29	1,995.03
26 28 16 16-0668	EA	4,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	13,250.41	2,394.04

26 28 16 16-0669 Bottom Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0660)*

26 28 16 16-0670	EA	800 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	5,018.01	997.51
26 28 16 16-0671	EA	1,200 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	5,740.83	1,197.02
26 28 16 16-0672	EA	1,600 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	6,364.35	1,396.53
26 28 16 16-0673	EA	2,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	7,103.01	1,596.03
26 28 16 16-0674	EA	2,500 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	7,883.39	1,795.53
26 28 16 16-0675	EA	3,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	10,621.05	1,995.03
26 28 16 16-0676	EA	4,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	14,416.14	2,394.04

26 29 Low-Voltage Controllers *(26 20)*

26 29 13 Enclosed Controllers *(26 29)*

26 29 13 13 Across-The-Line Motor Controllers *(26 29 13)*

26 29 13 13-0001 Manual Motor Starters *(26 29 13 13)*

26 29 13 13-0002 Fractional HP Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	201.87	49.94
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-2.83*	
		For Oversized Enclosure, Add	*28.46*	
		For Pilot Light, Add	*41.74*	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	264.57	64.93
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-2.83*	
		For Oversized Enclosure, Add	*28.46*	
		For Pilot Light, Add	*41.74*	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	230.32	49.94
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-2.83*	
		For Oversized Enclosure, Add	*28.46*	
		For Pilot Light, Add	*41.74*	
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4)	293.02	64.93
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-2.83*	
		For Oversized Enclosure, Add	*28.46*	
		For Pilot Light, Add	*41.74*	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5)	214.20	49.94
		For Oversized Enclosure, Add	*28.46*	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6)	280.69	64.93
		For Oversized Enclosure, Add	*28.46*	
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1)	443.80	59.93
		For Pilot Light, Add	*109.08*	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2)	509.34	74.91
		For Pilot Light, Add	*109.08*	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1)	472.26	59.93
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2)	534.95	74.91

26 29 13 13-0013 Non Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0014	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1) Note: NEMA 1 or flush cover plate installation.	160.30	49.94
		For Oversize Enclosure, Add	*13.73*	
		For Pilot Light, Add	*65.90*	
26 29 13 13-0015	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2). Note: NEMA 1 or flush cover plate installation.	266.23	64.93
		For Oversize Enclosure, Add	*13.73*	
		For Pilot Light, Add	*65.90*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0016	EA	NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5) Note: NEMA 1 or flush cover plate installation.	181.26	54.94
		For Oversize Enclosure, Add	*13.73*	
		For Pilot Light, Add	*65.90*	
26 29 13 13-0017	EA	NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6) Note: NEMA 1 or flush cover plate installation.	288.11	69.93
		For Oversize Enclosure, Add	*13.73*	
		For Pilot Light, Add	*65.90*	
26 29 13 13-0018	EA	NEMA 1, Non Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3) Note: NEMA 1 or flush cover plate installation.	186.84	49.94
		For Oversize Enclosure, Add	*13.73*	
		For Pilot Light, Add	*65.90*	
26 29 13 13-0019	EA	NEMA 1, Non Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4) Note: NEMA 1 or flush cover plate installation.	293.69	64.93
		For Oversize Enclosure, Add	*13.73*	
		For Pilot Light, Add	*65.90*	
26 29 13 13-0020	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1)	407.26	59.93
		For Pilot Light, Add	*104.34*	
26 29 13 13-0021	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2)	503.12	74.91
		For Pilot Light, Add	*104.34*	
26 29 13 13-0022	EA	NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5)	429.15	64.93
		For Pilot Light, Add	*104.34*	
26 29 13 13-0023	EA	NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6)	522.27	79.91
		For Pilot Light, Add	*104.34*	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1)	432.89	59.93
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2)	536.07	74.91
26 29 13 13-0026	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1)	117.52	34.96
		For Pilot Light, Add	*65.90*	
26 29 13 13-0027	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2)	223.45	49.94
		For Pilot Light, Add	*65.90*	
26 29 13 13-0028	EA	Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5)	138.49	39.96
		For Pilot Light, Add	*65.90*	
26 29 13 13-0029	EA	Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6)	244.41	54.94
		For Pilot Light, Add	*65.90*	

26 29 13 13-0030 Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0031	EA	NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11)	442.48	89.90
		For Pilot Light, Add	*106.17*	
26 29 13 13-0032	EA	NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22)	643.36	119.87
		For Pilot Light, Add	*106.17*	

26 29 13 13-0033 Two Speed Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0034	EA	NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11)	442.48	89.90
26 29 13 13-0035	EA	NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22)	643.36	119.87

26 29 13 13-0036 Non-Reversing Integral HP Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1)	411.09	59.93
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1)	411.09	59.93
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11)	863.59	69.93
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1)	863.59	69.93
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1)	1,132.97	69.93
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1)	524.96	69.93
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1)	352.66	44.95
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1)	489.37	64.93
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1)	489.37	64.93
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11)	1,035.78	74.91
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1)	1,035.78	74.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1)	1,326.03	74.91
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1)	603.25	74.91
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1)	430.95	49.94
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2)	646.38	69.93
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2)	646.38	69.93
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12)	1,233.59	79.91
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2)	1,233.59	79.91
26 29 13 13-0055	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2)	1,511.51	79.91
26 29 13 13-0056	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2)	763.12	79.91
26 29 13 13-0057	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2)	590.79	54.94
26 29 13 13-0058	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2)	508.88	74.91
26 29 13 13-0059	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2)	508.88	74.91
26 29 13 13-0060	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12)	961.39	84.90
26 29 13 13-0061	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2)	961.39	84.90
26 29 13 13-0062	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2)	1,238.36	84.90
26 29 13 13-0063	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2)	623.71	84.90
26 29 13 13-0064	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2)	453.31	59.93
26 29 13 13-0065	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3)	587.17	79.91
26 29 13 13-0066	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3)	587.17	79.91
26 29 13 13-0067	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13)	1,133.58	89.90
26 29 13 13-0068	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3)	1,133.58	89.90
26 29 13 13-0069	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3)	1,430.47	89.90
26 29 13 13-0070	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3)	701.05	89.90
26 29 13 13-0071	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3)	528.74	64.93

26 29 13 13-0072 Reversing Integral HP Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0073	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1)	1,204.34	104.88
26 29 13 13-0074	EA	NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1)	1,204.34	104.88
26 29 13 13-0075	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1)	1,063.77	74.91
26 29 13 13-0076	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1)	1,426.34	114.87
26 29 13 13-0077	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1)	1,285.79	84.90

26 29 13 13-0078 Two Speed Integral HP Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0079	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1)	1,204.34	104.88
26 29 13 13-0080	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1)	1,063.77	74.91
26 29 13 13-0081	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1)	1,426.34	114.87
26 29 13 13-0082	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1)	1,285.79	84.90

26 29 13 13-0083 Magnetic Motor Starters *(26 29 13 13)*

26 29 13 13-0084 Non Reversing, Magnetic Contactors *(26 29 13 13-0083)*

26 29 13 13-0085 Open Enclosure, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0086	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO11)	472.01	99.89
		For Factory Installed Accessory, Deduct	*-199.78*	
26 29 13 13-0087	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO12)	531.83	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0088	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO5)	511.85	99.89
		For Factory Installed Accessory, Deduct	*-199.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0089	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO1)	572.62	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0090	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO2)	632.42	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0091	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO3)	799.55	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0092	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO4)	1,008.40	179.80
		For Factory Installed Accessory, Deduct	*-359.60*	
26 29 13 13-0093	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO5)	598.23	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0094	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO1)	658.03	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0095	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO2)	719.75	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0096	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO3)	917.78	174.80
		For Factory Installed Accessory, Deduct	*-349.61*	
26 29 13 13-0097	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO4)	1,125.69	204.77
		For Factory Installed Accessory, Deduct	*-409.54*	
26 29 13 13-0098	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO1)	1,024.17	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0099	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO2)	1,136.28	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0100	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO3)	1,479.93	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0101	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO1)	1,542.25	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0102	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO2)	1,751.22	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0103	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO3)	2,228.62	249.73
		For Factory Installed Accessory, Deduct	*-499.44*	
26 29 13 13-0104	EA	Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO4)	3,193.59	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0105	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO1)	3,498.71	249.73
		For Factory Installed Accessory, Deduct	*-499.44*	
26 29 13 13-0106	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO2)	3,842.39	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0107	EA	Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO3)	5,211.41	349.61
		For Factory Installed Accessory, Deduct	*-699.22*	
26 29 13 13-0108	EA	Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO1)	7,098.72	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0109	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO2)	7,866.66	399.55
		For Factory Installed Accessory, Deduct	*-799.11*	
26 29 13 13-0110	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHO2)	20,490.95	599.34
		For Factory Installed Accessory, Deduct	*-1,198.66*	
26 29 13 13-0111	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2)	29,332.13	899.00
		For Factory Installed Accessory, Deduct	*-1,798.00*	

26 29 13 13-0112 NEMA 1, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0113	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG11)	501.41	99.89
		For Factory Installed Accessory, Deduct	*-199.78*	
26 29 13 13-0114	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG12)	561.23	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0115	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG5)	541.25	99.89
		For Factory Installed Accessory, Deduct	*-199.78*	
26 29 13 13-0116	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG1)	602.97	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0117	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG2)	662.78	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0118	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG3)	831.80	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0119	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4)	1,041.60	179.80
		For Factory Installed Accessory, Deduct	*-359.60*	
26 29 13 13-0120	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG5)	629.53	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0121	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG1)	691.23	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0122	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG2)	751.05	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0123	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG3)	950.03	174.80
		For Factory Installed Accessory, Deduct	*-349.61*	
26 29 13 13-0124	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG4)	1,156.99	204.77
		For Factory Installed Accessory, Deduct	*-409.54*	
26 29 13 13-0125	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG1)	1,164.55	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0126	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG2)	1,277.61	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0127	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG3)	1,620.32	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0128	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG1)	1,818.28	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0129	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG2)	2,026.29	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0130	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG3)	2,504.65	249.73
		For Factory Installed Accessory, Deduct	*-499.44*	
26 29 13 13-0131	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG1)	4,070.68	249.73
		For Factory Installed Accessory, Deduct	*-499.44*	
26 29 13 13-0132	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG2)	4,414.36	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0133	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGG2)	8,909.10	399.55
		For Factory Installed Accessory, Deduct	*-799.11*	
26 29 13 13-0134	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHG2)	25,075.23	599.34
		For Factory Installed Accessory, Deduct	*-1,198.66*	
26 29 13 13-0135	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJG2)	33,929.69	899.00
		For Factory Installed Accessory, Deduct	*-1,798.00*	

26 29 13 13-0136 NEMA 12, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA1)	765.17	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA2)	824.98	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCA2)	913.25	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA1)	1,460.50	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA2)	1,574.50	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA1)	2,169.24	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA2)	2,376.30	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFA2)	5,576.31	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGA2)	11,882.76	399.55
		For Factory Installed Accessory, Deduct	*-799.11*	
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHA2)	28,721.41	599.34
		For Factory Installed Accessory, Deduct	*-1,198.66*	

26 29 13 13-0147 NEMA 4/4X, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Brushed stainless steel enclosure.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBW12)	1,136.10	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW11)	1,177.83	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW12)	1,237.65	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW13)	1,436.63	174.80
		For Factory Installed Accessory, Deduct	*-349.61*	
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDW12)	2,250.81	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEW12)	3,403.57	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFW12)	6,765.78	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGW12)	11,882.76	399.55
		For Factory Installed Accessory, Deduct	*-799.11*	
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHW2)	31,828.82	599.34
		For Factory Installed Accessory, Deduct	*-1,198.66*	

26 29 13 13-0157 NEMA 7/9, Non Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Bolted cast iron enclosure.

26 29 13 13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 7/9 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBT2)	2,283.11	159.83
		For Factory Installed Accessory, Deduct	*-319.64*	

26 29 13 13-0159 Non Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0160 Open Enclosure, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO11)	565.92	99.89
		For Factory Installed Accessory, Deduct	*-199.78*	
26 29 13 13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO12)	585.90	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO1)	632.37	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO2)	699.77	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO4)	1,126.97	179.80
		For Factory Installed Accessory, Deduct	*-359.60*	
26 29 13 13-0166	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO1)	720.64	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0167	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO3)	847.80	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0168	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO2)	887.64	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO6)	1,110.49	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO1)	1,258.64	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEO1)	1,953.25	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFO1)	4,153.51	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGO1)	9,480.12	399.55
		For Factory Installed Accessory, Deduct	*-799.11*	
26 29 13 13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHO2)	21,835.03	599.34
		For Factory Installed Accessory, Deduct	*-1,198.66*	
26 29 13 13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SJO2)	31,449.27	899.00
		For Factory Installed Accessory, Deduct	*-1,798.00*	

26 29 13 13-0176 NEMA 1, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG11)	597.22	99.89
		For Factory Installed Accessory, Deduct	*-199.78*	
26 29 13 13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG12)	617.20	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG1)	663.68	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG2)	731.07	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG1)	750.99	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG3)	819.35	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG2)	919.89	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG6)	1,251.82	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG1)	1,399.97	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEG1)	2,229.28	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFG1)	4,725.48	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGG1)	10,525.41	399.55
		For Factory Installed Accessory, Deduct	*-799.11*	

26 29 13 13-0189 NEMA 12, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA1)	825.88	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA2)	893.27	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA1)	913.19	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA3)	981.55	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA2)	1,082.09	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA6)	1,548.71	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA1)	1,695.92	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEA1)	2,579.29	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0198	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFA1)	5,886.49	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0199	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGA1)	13,496.23	399.55
		For Factory Installed Accessory, Deduct	*-799.11*	
26 29 13 13-0200	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHA2)	32,241.43	599.34
		For Factory Installed Accessory, Deduct	*-1,198.66*	

26 29 13 13-0201 NEMA 3R, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0202	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH1)	825.88	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0203	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH2)	893.27	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0204	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH1)	913.19	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0205	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH3)	981.55	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0206	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH2)	1,082.09	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0207	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH6)	1,548.71	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH1)	1,695.92	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEH1)	2,579.29	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFH1)	5,886.49	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	

26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast aluminum enclosure.

26 29 13 13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT4)	2,378.98	169.81
		For Factory Installed Accessory, Deduct	*-339.63*	
26 29 13 13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR1)	2,931.03	169.81
		For Factory Installed Accessory, Deduct	*-339.63*	
26 29 13 13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR3)	3,019.30	179.80
		For Factory Installed Accessory, Deduct	*-359.60*	
26 29 13 13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDR1)	4,693.58	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0216	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SET43)	5,658.53	249.73
		For Factory Installed Accessory, Deduct	*-499.44*	
26 29 13 13-0217	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFT41)	9,025.48	349.61
		For Factory Installed Accessory, Deduct	*-699.22*	

26 29 13 13-0218 NEMA 4/4X, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0219	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW11)	1,136.05	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0220	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW12)	1,204.39	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0221	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW11)	1,237.59	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0222	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW13)	1,305.95	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0223	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW12)	1,406.49	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0224	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW16)	2,223.12	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0225	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW11)	3,605.61	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0226	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW11)	7,075.00	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0227	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGW11)	15,781.25	399.55
		For Factory Installed Accessory, Deduct	*-799.11*	

26 29 13 13-0228 NEMA 4X, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Glass polyester enclosure.

26 29 13 13-0229	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW21)	2,373.17	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0230	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW21)	4,408.07	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0231	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW21)	8,695.10	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	

26 29 13 13-0232 NEMA 7/9, Non Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast iron enclosure.

26 29 13 13-0233	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT1)	2,303.03	159.83
		For Factory Installed Accessory, Deduct	*-319.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0234	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT2)	2,378.98	169.81
		For Factory Installed Accessory, Deduct	*-339.63*	
26 29 13 13-0235	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT1)	2,413.13	169.81
		For Factory Installed Accessory, Deduct	*-339.63*	
26 29 13 13-0236	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT3)	2,485.27	179.80
		For Factory Installed Accessory, Deduct	*-359.60*	
26 29 13 13-0237	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT2)	2,600.99	179.80
		For Factory Installed Accessory, Deduct	*-359.60*	
26 29 13 13-0238	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDT1)	3,836.10	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	

26 29 13 13-0239 Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0241	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	1,078.30	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0242	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	1,138.06	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0243	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	1,260.48	139.84
		For Factory Installed Accessory, Deduct	*-279.69*	
26 29 13 13-0244	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	1,307.02	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0245	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	1,340.22	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0246	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	1,434.17	159.83
		For Factory Installed Accessory, Deduct	*-319.64*	
26 29 13 13-0247	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	1,492.60	174.80
		For Factory Installed Accessory, Deduct	*-349.61*	
26 29 13 13-0248	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	1,526.74	174.80
		For Factory Installed Accessory, Deduct	*-349.61*	
26 29 13 13-0249	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	2,627.66	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0250	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1)	4,300.53	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0251	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1)	9,938.56	449.50
		For Factory Installed Accessory, Deduct	*-899.00*	
26 29 13 13-0252	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	18,565.42	599.34
		For Factory Installed Accessory, Deduct	*-1,198.66*	
26 29 13 13-0253	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1)	60,295.45	1,098.78
		For Factory Installed Accessory, Deduct	*-2,197.56*	

26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0255	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13)	1,115.23	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0256	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15)	1,163.67	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0257	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16)	1,197.81	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0258	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1)	1,317.39	139.84
		For Factory Installed Accessory, Deduct	*-279.69*	
26 29 13 13-0259	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2)	1,365.83	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0260	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4)	1,399.97	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0261	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2)	1,519.54	159.83
		For Factory Installed Accessory, Deduct	*-319.64*	
26 29 13 13-0262	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6)	1,577.97	174.80
		For Factory Installed Accessory, Deduct	*-349.61*	
26 29 13 13-0263	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8)	1,612.11	174.80
		For Factory Installed Accessory, Deduct	*-349.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0264	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2)	2,849.62	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	
26 29 13 13-0265	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2)	4,684.69	299.67
		For Factory Installed Accessory, Deduct	*-599.34*	
26 29 13 13-0266	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3)	10,644.27	449.50
		For Factory Installed Accessory, Deduct	*-899.00*	

26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0268	EA	Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2)	1,608.65	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0269	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4)	1,642.80	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4)	1,854.94	174.80
		For Factory Installed Accessory, Deduct	*-349.61*	
26 29 13 13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1)	3,255.59	199.78
		For Factory Installed Accessory, Deduct	*-399.55*	

26 29 13 13-0272 NEMA 4X, Reversing, Magnetic Starters *(26 29 13 13-0239)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14)	2,020.32	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11)	2,384.60	159.83
		For Factory Installed Accessory, Deduct	*-319.64*	

26 29 13 13-0275 Magnetic Contactor/Starters Accessories *(26 29 13 13-0083)*

26 29 13 13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2)	150.44	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3)	257.53	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2)	150.44	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8)	257.53	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R)	257.53	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0281	EA	Internal Nonconvertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11)	127.05	9.99
		For Factory Installed Accessory, Deduct	*-19.97*	
26 29 13 13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6)	112.99	9.99
		For Factory Installed Accessory, Deduct	*-19.97*	
26 29 13 13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8)	150.44	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0284	EA	External Field Non Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13)	127.05	9.99
		For Factory Installed Accessory, Deduct	*-19.97*	
26 29 13 13-0285	EA	External Field Non Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	169.91	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0286	EA	30 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	190.87	9.99
		For Factory Installed Accessory, Deduct	*-19.97*	
26 29 13 13-0287	EA	45 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	330.41	9.99
		For Factory Installed Accessory, Deduct	*-19.97*	
26 29 13 13-0288	EA	60 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	350.96	9.99
		For Factory Installed Accessory, Deduct	*-19.97*	
26 29 13 13-0289	EA	30 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	419.78	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0290	EA	45 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	734.54	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0291	EA	60 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	734.54	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1)	43.22	7.49
		For Factory Installed Accessory, Deduct	*-14.98*	
26 29 13 13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3)	89.20	9.99
		For Factory Installed Accessory, Deduct	*-19.97*	
26 29 13 13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4)	117.99	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1)	92.03	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7)	51.01	7.49
		For Factory Installed Accessory, Deduct	*-14.98*	
26 29 13 13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1)	30.46	7.49
		For Factory Installed Accessory, Deduct	*-14.98*	
26 29 13 13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39)	165.99	9.99
		For Factory Installed Accessory, Deduct	*-19.97*	
26 29 13 13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40)	287.81	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0300		**Definite Purpose Starters** *(26 29 13 13)*		
26 29 13 13-0301		**Open Enclosure, Definite Purpose Starter** *(26 29 13 13-0300)*		
26 29 13 13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	521.45	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	520.50	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	563.24	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	555.59	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	604.03	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42)	585.95	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43)	678.14	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52)	756.86	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53)	954.78	174.80
		For Factory Installed Accessory, Deduct	*-349.61*	
26 29 13 13-0311		**NEMA 1, Definite Purpose Starter** *(26 29 13 13-0300)*		
26 29 13 13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12)	534.67	109.87
		For Factory Installed Accessory, Deduct	*-219.76*	
26 29 13 13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13)	577.41	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22)	575.51	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23)	621.10	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32)	611.56	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33)	660.94	129.86
		For Factory Installed Accessory, Deduct	*-259.71*	
26 29 13 13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42)	643.81	119.87
		For Factory Installed Accessory, Deduct	*-239.73*	
26 29 13 13-0319	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43)	735.05	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0320	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52)	810.93	149.83
		For Factory Installed Accessory, Deduct	*-299.67*	
26 29 13 13-0321	EA	NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53)	1,009.79	174.80
		For Factory Installed Accessory, Deduct	*-349.61*	
26 29 13 13-0322		**Definite Purpose Starter Accessory** *(26 29 13 13-0300)*		
26 29 13 13-0323	EA	Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit	169.91	12.49
		For Factory Installed Accessory, Deduct	*-24.97*	
26 29 13 13-0324		**Panel Mounted Miniature Contactor** *(26 29 13 13)*		
26 29 13 13-0325		**Non Reversing, Panel Mounted Miniature Contactor** *(26 29 13 13-0324)*		
26 29 13 13-0326	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	153.96	49.94
26 29 13 13-0327	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	181.01	54.94
26 29 13 13-0328	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	181.01	54.94
26 29 13 13-0329	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	201.44	59.93
26 29 13 13-0330	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	171.03	49.94

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0331	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	180.52	49.94
26 29 13 13-0332	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	197.14	54.94
26 29 13 13-0333	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	206.62	54.94
26 29 13 13-0334	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	202.83	54.94
26 29 13 13-0335	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	206.62	54.94
26 29 13 13-0336	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	220.41	59.93
26 29 13 13-0337	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	212.31	54.94
26 29 13 13-0338	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	229.90	59.93
26 29 13 13-0339	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	214.21	54.94
26 29 13 13-0340	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	214.21	54.94
26 29 13 13-0341	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	239.39	59.93
26 29 13 13-0342	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	239.39	59.93

26 29 13 13-0343 Reversing, Panel Mounted Miniature Contactor *(26 29 13 13-0324)*

26 29 13 13-0344	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	223.20	49.94
26 29 13 13-0345	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	242.17	49.94
26 29 13 13-0346	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	268.28	54.94
26 29 13 13-0347	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	268.28	54.94
26 29 13 13-0348	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	287.25	54.94
26 29 13 13-0349	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	301.04	59.93
26 29 13 13-0350	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	301.04	59.93
26 29 13 13-0351	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	258.30	49.94
26 29 13 13-0352	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	277.27	49.94
26 29 13 13-0353	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	301.47	54.94
26 29 13 13-0354	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	320.45	54.94
26 29 13 13-0355	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	339.93	59.93
26 29 13 13-0356	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	358.90	59.93
26 29 13 13-0357	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	291.04	54.94
26 29 13 13-0358	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	335.62	54.94
26 29 13 13-0359	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	379.77	59.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0360		**Panel Mounted Miniature Contactor Accessories** *(26 29 13 13-0324)*		
26 29 13 13-0361	EA	2 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	64.83	24.97
26 29 13 13-0362	EA	4 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	72.16	24.97
26 29 13 13-0363	EA	Electronic Time Delay Contact, 2 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U)	85.42	24.97
26 29 13 13-0364	EA	Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301)	111.79	24.97
26 29 13 13-0365		**Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole** *(26 29 13 13)*		
26 29 13 13-0366		**NEMA 1 Enclosure** *(26 29 13 13-0365)*		
26 29 13 13-0367	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	5,224.95	478.81
26 29 13 13-0368	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	9,036.30	638.41
26 29 13 13-0369	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	15,669.88	758.11
26 29 13 13-0370	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	37,836.59	927.69
26 29 13 13-0371	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	60,248.65	1,187.05
26 29 13 13-0372		**NEMA 12 Enclosure** *(26 29 13 13-0365)*		
26 29 13 13-0373	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	5,189.58	488.98
26 29 13 13-0374	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	8,971.69	639.41
26 29 13 13-0375	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	15,551.95	755.72
26 29 13 13-0376	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	37,536.82	923.60
26 29 13 13-0377	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	59,766.60	1,187.55
26 29 13 13-0378		**Factory Modifications Pilot Devices** *(26 29 13 13-0365)*		
26 29 13 13-0379	EA	Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	125.08	
26 29 13 13-0380	EA	H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	137.94	
26 29 13 13-0381	EA	Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	234.81	
26 29 13 13-0382	EA	Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	127.58	
26 29 13 13-0383	EA	Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	183.44	
26 29 13 13-0384	EA	Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	91.72	
26 29 13 13-0385	EA	Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	299.37	
26 29 13 13-0386		**Factory Modifications Meters** *(26 29 13 13-0365)*		
26 29 13 13-0387	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,203.39	
26 29 13 13-0388	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,162.31	
26 29 13 13-0389	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	410.91	
26 29 13 13-0390	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	340.48	
26 29 13 13-0391		**Factory Modifications Main Circuit Breakers** *(26 29 13 13-0365)*		
26 29 13 13-0392	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker	1,590.45	
26 29 13 13-0393	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker	2,908.75	
26 29 13 13-0394	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker	6,187.18	
26 29 13 13-0395		**Factory Modifications Addition** *(26 29 13 13-0365)*		
		Note: For reversing service auto transformer type.		
26 29 13 13-0396	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	267.10	
26 29 13 13-0397	EA	Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	267.10	
26 29 13 13-0398	EA	Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	267.10	
26 29 13 13-0399	EA	Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	267.10	
26 29 13 13-0400		**Combination Starters Non-Reversing** *(26 29 13 13)*		
26 29 13 13-0401		**240-600 Volts, 3-Pole** *(26 29 13 13-0400)*		
26 29 13 13-0402		**NEMA 1 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0403	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,529.25	229.43
26 29 13 13-0404	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,848.92	359.11
26 29 13 13-0405	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,614.24	418.96
26 29 13 13-0406	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,006.79	518.70
26 29 13 13-0407	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	7,386.82	827.94
26 29 13 13-0408	EA	Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	14,930.44	1,037.42
26 29 13 13-0409		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0410	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	1,951.53	229.43
26 29 13 13-0411	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,271.20	359.11
26 29 13 13-0412	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,024.80	418.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0413	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,229.67	518.70
26 29 13 13-0414	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,665.40	827.94
26 29 13 13-0415	EA	Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	18,320.43	1,037.42
26 29 13 13-0416		**Factory Modifications For NEMA 1 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0417	EA	Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	192.30	
26 29 13 13-0418	EA	H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	451.68	
26 29 13 13-0419	EA	Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	311.73	
26 29 13 13-0420		**NEMA 4 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0421	EA	Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,809.28	299.26
26 29 13 13-0422	EA	Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,083.45	418.96
26 29 13 13-0423	EA	Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,442.66	458.85
26 29 13 13-0424	EA	Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	7,102.43	558.61
26 29 13 13-0425	EA	Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	11,257.75	827.94
26 29 13 13-0426	EA	Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	24,807.18	1,037.42
26 29 13 13-0427		**NEMA 4 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0428	EA	Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,231.56	299.26
26 29 13 13-0429	EA	Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,505.73	418.96
26 29 13 13-0430	EA	Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,853.21	458.85
26 29 13 13-0431	EA	Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	7,325.30	558.61
26 29 13 13-0432	EA	Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	12,536.33	827.94
26 29 13 13-0433	EA	Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	23,481.68	1,037.42
26 29 13 13-0434		**Factory Modifications For NEMA 4 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0435	EA	Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	192.33	
26 29 13 13-0436	EA	H-0-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	451.68	
26 29 13 13-0437	EA	Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	311.73	
26 29 13 13-0438		**NEMA 12 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0439	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,582.62	230.93
26 29 13 13-0440	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,905.22	361.40
26 29 13 13-0441	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,703.39	415.66
26 29 13 13-0442	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,155.18	519.51
26 29 13 13-0443	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	7,673.02	831.33
26 29 13 13-0444	EA	Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	15,573.04	1,039.01
26 29 13 13-0445		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0446	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,086.86	230.93
26 29 13 13-0447	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,411.85	361.40
26 29 13 13-0448	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,224.05	415.66
26 29 13 13-0449	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,519.49	519.51
26 29 13 13-0450	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,301.52	831.33
26 29 13 13-0451	EA	Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	19,795.84	1,039.01
26 29 13 13-0452		**Factory Modifications For NEMA 12 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0453	EA	Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	190.73	
26 29 13 13-0454	EA	H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	447.92	
26 29 13 13-0455	EA	Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	309.14	
26 29 13 13-0456		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,689.53	478.81
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,998.58	638.41
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,434.69	877.81
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,075.35	1,197.02
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	12,167.87	1,675.83
26 29 13 13-0462		**Factory Modifications For NEMA 7 Or 9 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,143.66	
26 29 13 13-0464	EA	H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,143.66	
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	1,143.66	
26 29 13 13-0466		**Combination Starters Reversing** *(26 29 13 13)*		
26 29 13 13-0467		**240-600 Volt, 3 Pole** *(26 29 13 13-0466)*		
26 29 13 13-0468		**NEMA 1 With Disconnect Switch** *(26 29 13 13-0467)*		
26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	1,887.79	299.26
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,188.50	418.96
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,192.30	458.85
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	4,867.69	558.61
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	9,536.14	827.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0474		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,110.60	299.26
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,426.34	418.96
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,470.72	458.85
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,484.38	558.61
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	10,289.25	827.94
26 29 13 13-0480		**NEMA 12 With Disconnect Switch** *(26 29 13 13-0467)*		
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,017.36	307.93
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,326.74	415.66
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,423.38	461.85
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	5,250.61	554.22
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	10,338.12	831.33
26 29 13 13-0486		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,262.86	307.93
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,588.80	415.66
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,730.16	461.85
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,828.25	554.22
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	11,167.93	831.33
26 29 13 13-0492		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,473.08	638.41
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,803.45	798.01
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	6,909.19	1,037.42
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	10,999.90	1,356.62
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	20,094.58	1,835.43
26 29 13 13-0498		**Solid State Motor Controllers** *(26 29 13 13)*		
26 29 13 13-0499		**Adjustable Voltage Drives, DC Motors** *(26 29 13 13-0498)*		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,501.35	179.55
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking	1,813.12	179.55
26 29 13 13-0502		**Removal And Reinstallation Of Motor Starters** *(26 29 13 13)* Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect	712.51	
26 29 13 13-0504		**Auxiliary Devices** *(26 29 13 13)*		
26 29 13 13-0505	EA	Auxiliary Contact, Normally Open	442.24	99.76
26 29 13 13-0506	EA	Auxiliary Contact, Normally Closed	442.24	99.76
26 29 13 13-0507	EA	Pilot Light Kit	466.74	99.76
26 29 23		**Variable-Frequency Motor Controllers** *(26 29)*		
26 29 23 00-0001		**208/230 Volt Variable Frequency Drives** *(26 29 23)* Note: 1 or 3 phase. Wall mounted. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive	1,306.05	200.47
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive	1,454.54	200.47
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive	1,676.85	200.47
26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive	1,822.74	200.47
26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive	1,916.53	200.47
26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive	1,983.70	200.47
26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive	2,211.65	301.28
26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive	2,689.27	301.28
26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive	3,251.93	400.81
26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive	3,758.95	400.81
26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive	4,678.49	501.64
26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive	5,800.35	501.64
26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive	7,050.02	589.01
26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive	7,938.54	704.23
26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive	9,035.04	752.94
26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive	10,509.01	704.23
26 29 23 00-0018		**460/480 Volt Variable Frequency Drives** *(26 29 23)* Note: 3 Phase. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
26 29 23 00-0019	EA	3 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	1,728.61	175.99
26 29 23 00-0020	EA	5 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	1,858.35	200.47
26 29 23 00-0021	EA	7.5 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	1,991.94	301.28
26 29 23 00-0022	EA	10 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	2,218.52	301.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0023	EA	15 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	2,790.81	400.81
26 29 23 00-0024	EA	20 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	3,258.19	400.83
26 29 23 00-0025	EA	25 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	4,089.71	501.66
26 29 23 00-0026	EA	30 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	4,659.28	501.64
26 29 23 00-0027	EA	40 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	5,565.92	589.01
26 29 23 00-0028	EA	50 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	6,586.44	704.23
26 29 23 00-0029	EA	60 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	7,624.75	752.94
26 29 23 00-0030	EA	75 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	8,610.08	801.67
26 29 23 00-0031	EA	100 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	10,246.35	850.15
26 29 23 00-0032	EA	125 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	12,107.95	897.91
26 29 23 00-0033	EA	150 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	13,919.54	1,003.23
26 29 23 00-0034	EA	200 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	18,613.58	1,099.93
26 29 23 00-0035	EA	250 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	23,865.16	1,197.18
26 29 23 00-0036	EA	300 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	28,098.63	1,402.96
26 29 23 00-0037	EA	350 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	32,616.29	1,589.21
26 29 23 00-0038	EA	400 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	38,158.06	1,795.82
26 29 23 00-0039	EA	450 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	41,220.43	2,017.73

26 29 33 Controllers for Fire Pump Drivers *(26 29)*

26 29 33 13 Full-Service Controllers for Fire Pump Electric-Motor Drivers *(26 29 33)*

26 29 33 13-0001 Electric Controllers For Fire Pumps *(26 29 33 13)*

26 29 33 13-0002 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller *(26 29 33 13-0001)*

26 29 33 13-0003	EA	30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	19,457.19	168.61
26 29 33 13-0004	EA	40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	22,029.47	187.34
26 29 33 13-0005	EA	50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	23,094.70	206.07
26 29 33 13-0006	EA	75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	26,335.92	224.81
26 29 33 13-0007	EA	150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	27,820.51	262.27
26 29 33 13-0008	EA	175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	29,636.33	337.21
26 29 33 13-0009	EA	200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	32,120.49	374.68
26 29 33 13-0010	EA	250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	36,736.28	427.14
26 29 33 13-0011	EA	300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	44,287.68	460.86
26 29 33 13-0012	EA	350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	52,052.82	524.56
26 29 33 13-0013	EA	400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	62,123.45	562.02
26 29 33 13-0014	EA	500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	70,143.69	599.49

26 29 33 19 Controllers for Fire Pump Diesel Engine Drivers *(26 29 33)*

See CSI section 26 29 33 13-0000 for controllers for fire pump diesel engine drivers.

26 30 Facility Electrical Power Generating And Storing Equipment *(26)*

26 31 Photovoltaic Collectors *(26 30)*

26 31 00 00-0001 Photovoltaic Collectors *(26 31)*

Note: All materials are to be installed per manufacturers specifications and must be in compliance with the California Energy Commission Guidlines (CEC-300-2011-005-CMF). See CSI section 26 28 13 00-0078 for fuses.

26 31 00 00-0002 Rigid Photovoltaic Modules *(26 31)*

26 31 00 00-0003 Sanyo Rigid Photovoltaic Modules *(26 31 00 00-0002)*

26 31 00 00-0004	EA	205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6)	1,304.42	94.77
		For >50, Deduct	*-111.49*	
26 31 00 00-0005	EA	210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6)	1,364.86	94.77
		For >50, Deduct	*-117.53*	
26 31 00 00-0006	EA	215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6)	1,280.72	94.77
		For >50, Deduct	*-109.12*	

26 31 00 00-0007 Sharp Rigid Photovoltaic Modules *(26 31 00 00-0002)*

26 31 00 00-0008	EA	224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1)	1,032.29	94.77
		For >50, Deduct	*-84.28*	
26 31 00 00-0009	EA	230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3)	1,167.19	94.77
		For >50, Deduct	*-97.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0010	EA	235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1)	1,188.56	94.77
		For >50, Deduct	*-99.90*	
26 31 00 00-0011	EA	240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1)	1,121.78	94.77
		For >50, Deduct	*-93.23*	
26 31 00 00-0012		BP Solar Rigid Photovoltaic Modules *(26 31 00 00-0002)*		
		Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.		
26 31 00 00-0013	EA	50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J)	535.38	94.77
		For >50, Deduct	*-34.59*	
26 31 00 00-0014	EA	75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J)	648.91	94.77
		For >50, Deduct	*-45.94*	
26 31 00 00-0015	EA	80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J)	694.32	94.77
		For >50, Deduct	*-50.48*	
26 31 00 00-0016		Photovoltaic Inverters *(26 31)*		
26 31 00 00-0017		Fronius Photovoltaic Inverters *(26 31 00 00-0016)*		
26 31 00 00-0018	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1)	3,039.11	99.76
26 31 00 00-0019	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1)	3,991.33	99.76
26 31 00 00-0020	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1)	4,210.10	99.76
26 31 00 00-0021	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1)	4,700.93	99.76
26 31 00 00-0022	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1)	7,412.03	99.76
26 31 00 00-0023	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1)	8,607.10	99.76
26 31 00 00-0024	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta)	7,074.12	199.50
26 31 00 00-0025	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3)	8,924.07	199.50
26 31 00 00-0026	EA	Inverter Display Stand (Fronius 4,045,894)	289.01	49.87
26 31 00 00-0027		SMA Photovoltaic Inverters *(26 31 00 00-0016)*		
26 31 00 00-0028	EA	4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22)	2,273.68	99.76
26 31 00 00-0029	EA	5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22)	2,718.26	99.76
26 31 00 00-0030	EA	6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22)	3,132.59	99.76
26 31 00 00-0031	EA	7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22)	3,448.89	99.76
26 31 00 00-0032	EA	8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12)	3,342.34	99.76
26 31 00 00-0033		PVPowered Photovoltaic Inverters *(26 31 00 00-0016)*		
26 31 00 00-0034	EA	120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100)	2,797.42	99.76
26 31 00 00-0035	EA	240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000)	2,923.20	99.76
26 31 00 00-0036	EA	240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500)	3,224.02	99.76
26 31 00 00-0037	EA	240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500)	3,826.29	124.69
26 31 00 00-0038	EA	208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600)	4,663.75	149.63
26 31 00 00-0039	EA	240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800)	4,702.04	149.63
26 31 00 00-0040	EA	240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200)	4,956.90	149.63
26 31 00 00-0041	EA	208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	58,556.15	798.01
26 31 00 00-0042	EA	480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	58,633.07	798.01
26 31 00 00-0043	EA	208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	63,410.42	798.01
26 31 00 00-0044	EA	480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	58,816.64	798.01
26 31 00 00-0045		Solectria Photovoltaic Inverters *(26 31 00 00-0016)*		
26 31 00 00-0046	EA	208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI)	9,258.08	199.50
26 31 00 00-0047	EA	208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI)	9,258.08	199.50
26 31 00 00-0048	EA	208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI)	9,525.63	199.50
26 31 00 00-0049	EA	480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI)	9,525.63	199.50
26 31 00 00-0050	EA	208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	28,993.11	598.51
26 31 00 00-0051	EA	480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	27,655.33	598.51
26 31 00 00-0052	EA	208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	31,668.67	598.51
26 31 00 00-0053	EA	480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	30,925.46	598.51
26 31 00 00-0054	EA	208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	33,601.02	598.51
26 31 00 00-0055	EA	480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	32,114.60	598.51
26 31 00 00-0056	EA	208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	35,486.45	798.01
26 31 00 00-0057	EA	480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	33,851.39	798.01
26 31 00 00-0058	EA	208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	36,824.23	798.01
26 31 00 00-0059	EA	480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	34,891.88	798.01
26 31 00 00-0060		Xantrex Photovoltaic Inverters *(26 31 00 00-0016)*		
26 31 00 00-0061	EA	0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	396.12	24.94
26 31 00 00-0062	EA	1 KW Photovoltaic Inverter (Xantrex 806-1210)	430.52	24.94
26 31 00 00-0063	EA	2 KW Photovoltaic Inverter (Xantrex 806-1220)	683.26	24.94
26 31 00 00-0064		Photovoltaic DC-DC Converters *(26 31)*		
26 31 00 00-0065	EA	15 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20)	245.77	37.41
		Note: Hazardous locations.		
26 31 00 00-0066	EA	20 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23)	170.97	37.41
26 31 00 00-0067	EA	60 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60)	438.09	37.41
26 31 00 00-0068		Photovoltaic Combiner Boxes *(26 31)*		
26 31 00 00-0069		Midnight Solar Photovoltaic Combiner Boxes *(26 31 00 00-0068)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0070	EA	3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	325.62	99.76
26 31 00 00-0071	EA	6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	318.69	99.76
26 31 00 00-0072	EA	12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	501.93	149.63
26 31 00 00-0073	EA	6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	504.36	149.63
26 31 00 00-0074	EA	16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	729.03	149.63

26 31 00 00-0075 SMA Photovoltaic Combiner Boxes *(26 31 00 00-0068)*

26 31 00 00-0076	EA	6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	652.52	99.76
26 31 00 00-0077	EA	12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	770.56	99.76
26 31 00 00-0078	EA	28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	1,496.01	199.50
26 31 00 00-0079	EA	52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	3,293.16	199.50
26 31 00 00-0080	EA	4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	588.65	99.76

26 31 00 00-0081 Photovoltaic Charge Controller *(26 31)*

26 31 00 00-0082	EA	35 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-35)	200.36	37.41
26 31 00 00-0083	EA	40 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-40)	260.46	37.41
26 31 00 00-0084	EA	60 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-60)	300.53	37.41
26 31 00 00-0085	EA	Remote Digital Meter For Xantrex C-35, 40 And 60	235.08	37.41
26 31 00 00-0086	EA	MPPT Charge Controller (Xantrex XW SCC)	770.16	49.87

26 31 00 00-0087 Photovoltaic Batteries *(26 31)*

26 31 00 00-0088 Concorde Photovoltaic Batteries *(26 31 00 00-0087)*

26 31 00 00-0089	EA	34 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	174.09	14.96
26 31 00 00-0090	EA	45 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	220.10	19.95
26 31 00 00-0091	EA	49 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	237.50	19.95
26 31 00 00-0092	EA	56 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	276.08	29.93
26 31 00 00-0093	EA	69 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	312.12	29.93
26 31 00 00-0094	EA	89 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	370.15	34.91
26 31 00 00-0095	EA	104 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	424.32	39.90
26 31 00 00-0096	EA	108 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	419.77	39.90
26 31 00 00-0097	EA	210 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	755.49	47.38
26 31 00 00-0098	EA	255 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	870.99	49.87

26 31 00 00-0099 Deka Photovoltaic Batteries *(26 31 00 00-0087)*

26 31 00 00-0100	EA	31 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8GU1)	187.51	24.97
26 31 00 00-0101	EA	50 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	252.95	24.97
26 31 00 00-0102	EA	74 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G24)	366.48	24.97
26 31 00 00-0103	EA	86 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G27)	417.23	24.97
26 31 00 00-0104	EA	98 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G31)	418.57	24.97
26 31 00 00-0105	EA	183 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G4D)	797.88	24.97
26 31 00 00-0106	EA	225 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G8D)	920.75	24.97

26 31 00 00-0107 Battery Enclosures *(26 31 00 00-0087)*

26 31 00 00-0108	EA	14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	210.14	24.94
26 31 00 00-0109	EA	22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	975.51	24.97
26 31 00 00-0110	EA	37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	918.08	24.97
26 31 00 00-0111	EA	37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	1,218.59	24.97
26 31 00 00-0112	EA	15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	550.79	24.97
26 31 00 00-0113	EA	31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	1,276.02	24.97

26 31 00 00-0114 Photovoltaic System Monitoring *(26 31)*

26 31 00 00-0115	EA	Solar Inverter Monitor (Xantrex 864-0203)	441.94	49.87
26 31 00 00-0116	EA	Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	870.26	24.94
26 31 00 00-0117	EA	Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	729.39	24.94
26 31 00 00-0118	EA	PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	145.79	24.94
26 31 00 00-0119	EA	Wind Sensor Accessory For Sunny SensorBox (SMA)	353.90	49.87
26 31 00 00-0120	EA	Sunny Boy Control with RS485 (SMA)	856.24	24.94
26 31 00 00-0121	EA	RS 485 Module (SMA)	205.32	24.94
26 31 00 00-0122	EA	RS 232 Module (SMA)	210.14	24.94
26 31 00 00-0123	EA	Wireless Monitor with Bluetooth (SMA Sunny Beam)	395.87	
26 31 00 00-0124	EA	Bluetooth Piggy-Back Computer Card (SMA)	212.74	24.94
26 31 00 00-0125	EA	RS485-N Communication Computer Card (SMA)	211.40	24.94
26 31 00 00-0126	EA	Bluetooth Repeater (SMA)	387.06	24.94
26 31 00 00-0127	EA	Sunny Boy PC Service Cable (SMA)	181.49	7.48
26 31 00 00-0128	EA	Integrated Revenue Grade Meter, Option (PVPowered)	3,425.81	
26 31 00 00-0129	EA	Data Monitoring Module (PVPowered PVM1010)	386.27	24.94
26 31 00 00-0130	EA	Wireless IG Personal Display (Fronius 4,240,108)	401.73	
26 31 00 00-0131	EA	DatCom Power Supply (Fronius 43,0001,2311)	128.97	
26 31 00 00-0132	EA	Wireless Card For IG Personal Display (Fronius 4,240,008,Z)	235.49	24.94
26 31 00 00-0133	EA	Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	201.30	24.94
26 31 00 00-0134	EA	Datalogger Pro Box (Fronius 4,240,102)	751.44	24.94
26 31 00 00-0135	EA	Datalogger Easy Box (Fronius 4,240,103)	493.47	24.94
26 31 00 00-0136	EA	Datalogger Interface Box (Fronius 4,240,105)	846.63	24.94
26 31 00 00-0137	EA	Datalogger Web (Fronius 4,240,122)	1,445.24	24.94
26 31 00 00-0138	EA	Interface Box (Fronius 4,240,109)	398.07	24.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0139	EA	Interface Card (Fronius 4,240,009,Z)	287.85	24.94
26 31 00 00-0140	EA	Interface Card Easy (Fronius 4,240,013,Z)	194.36	24.94
26 31 00 00-0141	EA	Sensor Box (Fronius 4,240,104)	784.21	24.94
26 31 00 00-0142	EA	Ambient Temperature Sensor (Fronius 43,0001,1188)	98.83	24.94
26 31 00 00-0143	EA	Irradiance Sensor (Fronius 43,0001,1188)	281.07	24.94
26 31 00 00-0144	EA	Module Temperature Sensor (Fronius 43,0001,1190)	311.51	24.94
26 31 00 00-0145	EA	Wind Speed Sensor (Fronius 42,0411,0027)	184.48	49.87
26 31 00 00-0146		**Photovoltaic System Accessories** *(26 31)*		
26 31 00 00-0147	EA	Four Inverter Bypass Switch (OutBack AC-IOB-100Q)	595.57	49.87
26 31 00 00-0148	EA	Line Communication Filter (Enphase LCF)	1,293.36	99.76
26 31 00 00-0149	EA	15 Meter RS 485 Communication Cable (SMA)	99.10	7.48
26 31 00 00-0150	EA	15 Meter RS 232 Communication Cable (SMA)	147.18	7.48
26 31 00 00-0151	EA	24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	23.89	2.46
26 31 00 00-0152	EA	36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	25.50	2.46
26 31 00 00-0153	EA	48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	26.41	2.46
26 31 00 00-0154	EA	72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	28.94	2.46
26 31 00 00-0155	EA	120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	32.72	2.46
26 31 00 00-0156	EA	240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	52.82	4.94
26 31 00 00-0157	EA	360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	64.58	4.94
26 31 00 00-0158	EA	420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	85.55	7.40
26 31 00 00-0159	EA	36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	29.57	2.46
26 31 00 00-0160	EA	120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	40.30	2.46
26 31 00 00-0161	EA	240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	60.40	4.94
26 31 00 00-0162	EA	360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	79.33	4.94
26 31 00 00-0163	EA	600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	130.27	9.88
26 31 00 00-0164	EA	1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	135.61	9.88
26 31 00 00-0165	EA	Lighting Kit, 9W Fluorescent, 12 V 4.5 Amp Hour Battery Note: Tamper proof enclosure.	2,418.72	269.33
26 31 00 00-0166		**Photovoltaic Mounting Systems** *(26 31)*		
26 31 00 00-0167	LF	Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard)	9.14	2.49
26 31 00 00-0168	EA	Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	29.13	12.47
26 31 00 00-0169	EA	Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	35.07	12.47
26 31 00 00-0170	EA	8" x 3/8" Hanger Bolt (UNIRAC 310046) Note: Supports mounting rail above tile or metal roof.	17.65	4.99
26 31 00 00-0171	EA	Mounting Rail Grounding Clip (UNIRAC 980006) Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.	9.14	3.74
26 31 00 00-0172	EA	Mounting Rail Grounding Lugs (UNIRAC 980012) Note: Two grounding lugs for each rail splice and one additional lug for each rail.	17.92	4.99
26 31 00 00-0173	EA	Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002) Note: Four for each row of modules you plan to mount.	4.99	1.66
26 31 00 00-0174	EA	Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008) Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.	5.18	1.66
26 31 00 00-0175	EA	Photovoltaic Module Mount L-Feet (UNIRAC 310065)	13.31	4.99
26 31 00 00-0176	EA	12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	76.61	24.94
26 31 00 00-0177	EA	30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	83.34	24.94
26 31 00 00-0178	EA	44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	88.76	24.94
26 31 00 00-0179	EA	12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	112.95	37.41
26 31 00 00-0180	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	133.15	37.41
26 31 00 00-0181	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	151.47	37.41
26 31 00 00-0182	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	171.56	49.87
26 31 00 00-0183	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	219.80	49.87
26 31 00 00-0184	EA	104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	311.56	74.81
26 31 00 00-0185	EA	Ballasted Photovoltaic Module Frame (UNIRAC 310351) Note: Excludes ballast.	152.60	
26 31 00 00-0186	EA	Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355) Note: Excludes ballast.	280.26	
26 31 00 00-0187	EA	3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051)	63.16	24.94
26 31 00 00-0188	EA	4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052)	63.78	24.94
26 31 00 00-0189	EA	6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053)	64.35	24.94
26 31 00 00-0190	EA	7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054)	65.76	24.94
26 31 00 00-0191	EA	3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553)	59.41	24.94
26 31 00 00-0192	EA	4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554)	60.12	24.94
26 31 00 00-0193	EA	6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555)	62.21	24.94
26 31 00 00-0194	EA	7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556)	61.62	24.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0195	EA	3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390)	115.57	37.41
26 31 00 00-0196	EA	4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391)	116.00	37.41
26 31 00 00-0197	EA	7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394)	117.27	37.41
26 31 00 00-0198	EA	Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370)	115.95	37.41
26 31 00 00-0199	EA	Photovoltaic Module Standoff Flashing (UNIRAC 990103)	21.73	4.99
26 31 00 00-0200	EA	Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161)	15.23	4.99
26 31 00 00-0201	EA	1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100)	27.82	7.48
26 31 00 00-0202	EA	3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100)	28.80	7.48
26 31 00 00-0203	EA	Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100) Note: Mid or end clamp.	7.82	1.66
26 31 00 00-0204	EA	Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024)	34.23	4.99
26 31 00 00-0205	EA	Photovoltaic Module Wire Clip (UNIRAC 908002S-0100)	2.07	

26 32 Packaged Generator Assemblies *(26 30)*

26 32 13 Engine Generators *(26 32)*

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets *(26 32 13)*

See CSI section 01 22 23 00-0705 for fuel reimbursment for commissioning.

26 32 13 13-0001 Diesel Generator Sets *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0684 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002	EA	25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA)	26,333.60	853.96
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,833.79*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,215.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*10,466.12*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*13,954.82*	
26 32 13 13-0003	EA	35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA)	27,842.72	1,051.43
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,833.79*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,215.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*10,466.12*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*13,954.82*	
26 32 13 13-0004	EA	40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB)	28,672.25	1,152.84
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,833.79*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,215.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*10,466.12*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*13,954.82*	
26 32 13 13-0005	EA	50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC)	33,751.77	1,323.64
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,833.79*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,215.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*10,466.12*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*13,954.82*	
26 32 13 13-0006	EA	60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD)	36,555.30	1,521.11
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,833.79*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,215.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*10,466.12*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*13,954.82*	
26 32 13 13-0007	EA	80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE)	42,995.99	1,782.64
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*2,833.79*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*7,215.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*10,466.12*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*13,954.82*	
26 32 13 13-0008	EA	100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA)	46,429.83	2,070.85
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,298.26*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,195.49*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,593.99*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,257.39*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*11,129.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,839.06*	
26 32 13 13-0009	EA	125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB)	47,908.94	2,455.14
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,298.26*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,195.49*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,593.99*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,257.39*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*11,129.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,839.06*	
26 32 13 13-0010	EA	150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC)	52,864.58	2,705.99
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,298.26*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,195.49*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,593.99*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,257.39*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*11,129.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,839.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0011	EA	175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB)	55,982.82	3,020.89
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,298.26*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,195.49*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,593.99*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,257.39*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*11,129.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,839.06*	
26 32 13 13-0012	EA	200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC)	59,871.01	3,309.09
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,298.26*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,195.49*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,593.99*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,257.39*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*11,129.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,839.06*	
26 32 13 13-0013	EA	230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD)	64,898.01	3,495.89
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,298.26*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*10,195.49*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*13,593.99*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*9,257.39*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*11,129.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*14,839.06*	
26 32 13 13-0014	EA	250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA)	67,823.38	3,640.00
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*27,875.28*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*30,866.03*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*41,154.70*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*33,808.53*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*37,729.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*50,306.35*	
26 32 13 13-0015	EA	275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA)	73,953.30	3,837.47
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*27,875.28*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*30,866.03*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*41,154.70*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*33,808.53*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*37,729.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*50,306.35*	
26 32 13 13-0016	EA	300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB)	75,460.35	4,008.27
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*27,875.28*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*30,866.03*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*41,154.70*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*33,808.53*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*37,729.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*50,306.35*	
26 32 13 13-0017	EA	350 KW Diesel Generator Set, 3 Phase (Cummins DFEG)	85,800.07	4,483.29
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*27,875.28*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*30,866.03*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*41,154.70*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*33,808.53*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*37,729.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*50,306.35*	
26 32 13 13-0018	EA	400 KW Diesel Generator Set, 3 Phase (Cummins DFEH)	92,814.87	4,910.26
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*27,875.28*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*30,866.03*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*41,154.70*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*33,808.53*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*37,729.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*50,306.35*	
26 32 13 13-0019	EA	450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ)	105,396.66	5,289.21
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*27,875.28*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*30,866.03*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*41,154.70*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*33,808.53*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*37,729.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*50,306.35*	
26 32 13 13-0020	EA	500 KW Diesel Generator Set, 3 Phase (Cummins DFEK)	111,271.67	5,636.13
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*27,875.28*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*30,866.03*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*41,154.70*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*33,808.53*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*37,729.76*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*50,306.35*	
26 32 13 13-0021	EA	600 KW Diesel Generator Set, 3 Phase (Cummins DQCA)	162,514.54	6,207.22
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*56,944.08*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*68,573.98*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*91,431.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*66,977.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*79,887.65*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*106,516.87*	
26 32 13 13-0022	EA	750 KW Diesel Generator Set, 3 Phase (Cummins DQCB)	186,099.79	6,826.34
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*56,944.08*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*68,573.98*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*91,431.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*66,977.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*79,887.65*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*106,516.87*	
26 32 13 13-0023	EA	800 KW Diesel Generator Set, 3 Phase (Cummins DQCC)	194,331.00	6,975.78
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*56,944.08*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*68,573.98*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*91,431.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*66,977.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*79,887.65*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*106,516.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0024	EA	900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC)	237,034.37	7,520.18
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*56,944.08*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*68,573.98*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*91,431.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*66,977.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*79,887.65*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*106,516.87*	
26 32 13 13-0025	EA	1,000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD)	264,180.12	8,005.86
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*56,944.08*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*68,573.98*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*91,431.97*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*66,977.33*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*79,887.65*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*106,516.87*	

26 32 13 19 Natural Gas-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 19-0001 Natural Gas Or Propane Generator Sets *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0684 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0002	EA	20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)	12,022.48	715.19
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,577.38*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*2,791.49*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,631.35*	
26 32 13 19-0003	EA	25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)	13,575.30	853.96
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,577.38*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*2,791.49*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,631.35*	
26 32 13 19-0004	EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)	15,658.52	950.03
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,577.38*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*2,791.49*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,631.35*	
26 32 13 19-0005	EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)	17,753.78	1,051.43
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,577.38*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*7,896.01*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,252.98*	
26 32 13 19-0006	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)	19,915.94	1,152.84
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,577.38*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*7,896.01*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,252.98*	
26 32 13 19-0007	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC)	21,578.87	1,243.58
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,577.38*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*7,896.01*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,252.98*	
26 32 13 19-0008	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)	23,615.40	1,521.11
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,577.38*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*7,896.01*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,252.98*	
26 32 13 19-0009	EA	70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)	25,341.00	1,702.58
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*2,577.38*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*6,668.46*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*8,891.28*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*7,896.01*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,252.98*	
26 32 13 19-0010	EA	85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)	33,211.17	1,820.00
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,697.42*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,195.49*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*13,593.99*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*9,257.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,252.98*	
26 32 13 19-0011	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	39,994.70	2,049.51
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,697.42*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,195.49*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*13,593.99*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*9,257.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,252.98*	
26 32 13 19-0012	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)	45,821.24	2,455.14
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,697.42*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,195.49*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*13,593.99*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*9,257.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,252.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0013	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)	54,429.32	2,705.99
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,697.42*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*10,195.49*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*13,593.99*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*9,257.39*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*13,252.98*	
26 32 13 19-0014	EA	175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)	87,888.47	7,197.70
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*25,067.93*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*27,749.39*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*36,999.18*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*27,408.71*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*41,129.58*	
26 32 13 19-0015	EA	205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)	99,749.87	3,250.38
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*25,067.93*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*27,749.39*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*36,999.18*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*27,408.71*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*41,129.58*	
26 32 13 19-0016	EA	250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)	107,269.62	3,640.00
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*25,067.93*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*27,749.39*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*36,999.18*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*27,408.71*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*41,129.58*	
26 32 13 19-0017	EA	300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)	138,651.50	4,008.27
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*25,067.93*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*27,749.39*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*36,999.18*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*27,408.71*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*41,129.58*	
26 32 13 19-0018	EA	350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB)	148,833.84	4,483.29
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*25,067.93*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*27,749.39*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*36,999.18*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*27,408.71*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*41,129.58*	
26 32 13 19-0019	EA	450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA)	208,991.09	5,289.21
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*54,736.79*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*58,157.43*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*77,543.24*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*62,171.52*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*87,869.92*	
26 32 13 19-0020	EA	500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB)	267,230.32	5,636.13
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*54,736.79*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*58,157.43*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*77,543.24*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*62,171.52*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*87,869.92*	
26 32 13 19-0021	EA	550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC)	298,979.90	5,940.35
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*54,736.79*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*58,157.43*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*77,543.24*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*62,171.52*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*87,869.92*	
26 32 13 19-0022	EA	600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA)	340,488.31	6,207.22
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*54,736.79*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*58,157.43*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*77,543.24*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*62,171.52*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*87,869.92*	
26 32 13 19-0023	EA	650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB)	356,006.32	6,442.05
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*54,736.79*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*58,157.43*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*77,543.24*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*62,171.52*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*87,869.92*	
26 32 13 19-0024	EA	725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC)	376,550.81	6,885.04
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*54,736.79*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*58,157.43*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*77,543.24*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*62,171.52*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*87,869.92*	
26 32 13 19-0025		Small Natural Gas Or Propane Air Cooled Generator Sets *(26 32 13 19)*		
26 32 13 19-0026	EA	7.5 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.	4,059.48	460.21
26 32 13 19-0027	EA	10 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	5,118.89	511.35
26 32 13 19-0028	EA	14 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	5,836.10	528.61
26 32 29		**Rotary Converters** *(26 32)*		
26 32 29 00-0001		60 Hz AC Input 230 Or 460 Volts, 125 Volt DC Output *(26 32 29)*		
26 32 29 00-0002	EA	3 KW, 24 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	5,714.31	199.50
26 32 29 00-0003	EA	5 KW, 40 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	6,936.96	199.50
26 32 29 00-0004	EA	7.5 KW, 60 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,154.64	199.50
26 32 29 00-0005	EA	10 KW, 80 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,225.81	199.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 29 00-0006	EA	15 KW, 120 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,256.21	249.38
26 32 29 00-0007	EA	20 KW, 160 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,096.29	249.38
26 32 29 00-0008	EA	25 KW, 200 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,612.89	249.38
26 32 29 00-0009	EA	40 KW, 320 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,156.95	329.18
26 32 29 00-0010	EA	50 KW, 400 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,714.37	329.18
26 32 29 00-0011		60 Hz AC Input, 230 Or 460 Volts, 250 Volts DC Output *(26 32 29)*		
26 32 29 00-0012	EA	3 KW, 12 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	6,599.45	199.50
26 32 29 00-0013	EA	5 KW, 20 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	7,848.92	199.50
26 32 29 00-0014	EA	7.5 KW, 30 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	8,962.05	199.50
26 32 29 00-0015	EA	10 KW, 40 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,207.74	199.50
26 32 29 00-0016	EA	15 KW, 60 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,442.09	249.38
26 32 29 00-0017	EA	20 KW, 80 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,470.46	249.38
26 32 29 00-0018	EA	25 KW, 100 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,844.64	249.38
26 32 29 00-0019	EA	40 KW, 160 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,101.42	329.18
26 32 29 00-0020	EA	50 KW, 200 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	14,948.74	329.18
26 32 29 00-0021		460 Volt 3 Phase AC Motor Drive 250 Volt DC *(26 32 29)*		
26 32 29 00-0022	EA	33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	18,163.61	3,736.07
26 32 29 00-0023	EA	40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	20,300.18	3,736.07
26 32 29 00-0024	EA	50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	23,169.18	5,337.25
26 32 29 00-0025	EA	65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	26,845.52	5,337.25
26 32 29 00-0026	EA	85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	30,314.14	5,337.25
26 32 29 00-0027	EA	100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	35,832.16	8,005.86
26 32 29 00-0028	EA	125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	43,712.10	8,005.86
26 32 29 00-0029		4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC *(26 32 29)*		
26 32 29 00-0030	EA	170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	62,241.69	10,674.49
26 32 29 00-0031	EA	200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	67,889.28	10,674.49
26 32 29 00-0032	EA	240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	81,582.60	13,876.84
26 32 29 00-0033	EA	320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	92,861.94	16,865.69
26 32 29 00-0034	EA	400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	109,675.05	16,865.69
26 32 29 00-0035	EA	560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	155,131.73	25,191.79
26 32 29 00-0036	EA	640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	161,133.80	25,191.79
26 32 29 00-0037	EA	800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	185,103.69	29,354.84

26 33 Battery Equipment *(26 30)*

26 33 13 Batteries *(26 33)*

26 33 13 00-0001		Standby Batteries *(26 33 13)*		
26 33 13 00-0002	EA	12 Volt, 100 Amp Hours To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	700.04	24.97
26 33 13 00-0003	EA	12 Volt, 100 Amp Hours To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	755.14	24.97
26 33 13 00-0004	EA	725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	251.68	24.97
26 33 13 00-0005	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	229.49	24.97
26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	387.70	24.97
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	449.01	24.97

26 33 43 Battery Chargers *(26 33)*

26 33 43 00-0001		Solid State Chargers, Single Phase *(26 33 43)* Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.		
26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	2,251.66	569.96
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	2,603.25	569.96
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	2,861.43	569.96
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,040.16	674.83

26 33 53 Static Uninterruptible Power Supply *(26 33)*

26 33 53 00-0001		Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*		
26 33 53 00-0002		Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0001)*		
26 33 53 00-0003		120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0004	EA	0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) Note: Includes 12 minutes of battery backup at full load.	933.11	98.75
26 33 53 00-0005	EA	0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) Note: Includes 6 minutes of battery backup at full load.	1,114.35	115.21
26 33 53 00-0006	EA	1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) Note: Includes 5 minutes of battery backup at full load.	1,372.56	131.67
26 33 53 00-0007	EA	1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) Note: Includes 5 minutes of battery backup at full load.	1,675.54	148.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0008	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) Note: Includes 4 minutes of battery backup at full load.	2,147.68	164.59
26 33 53 00-0009	EA	3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) Note: Includes 4 minutes of battery backup at full load.	3,552.43	230.43
26 33 53 00-0010		208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0011	EA	3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) Note: Includes 4 minutes of battery backup at full load.	3,489.20	230.43
26 33 53 00-0012		120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0013	EA	5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	5,224.74	263.34
26 33 53 00-0014	EA	6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	5,714.43	296.26
26 33 53 00-0015	EA	8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	8,537.20	362.10
26 33 53 00-0016	EA	10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	9,811.64	395.01
26 33 53 00-0017		230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA	0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) Note: Includes 11 minutes of battery backup at full load.	1,114.35	115.21
26 33 53 00-0019	EA	1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) Note: Includes 6 minutes of battery backup at full load.	1,372.56	131.67
26 33 53 00-0020	EA	1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) Note: Includes 4 minutes of battery backup at full load.	1,694.22	148.14
26 33 53 00-0021	EA	2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) Note: Includes 4 minutes of battery backup at full load.	2,152.19	164.59
26 33 53 00-0022	EA	3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) Note: Includes 4 minutes of battery backup at full load.	3,566.47	230.43
26 33 53 00-0023	EA	5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) Note: Includes 9 minutes of battery backup at full load.	5,013.58	263.34
26 33 53 00-0024	EA	6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) Note: Includes 6 minutes of battery backup at full load.	6,153.44	296.26
26 33 53 00-0025	EA	10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) Note: Includes 3 minutes of battery backup at full load.	9,509.79	395.01
26 33 53 00-0026		Optional Accessories For Single Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0001)*		
26 33 53 00-0027	EA	External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT) Note: Rack mount or tower configuration.	614.68	29.93
26 33 53 00-0028	EA	External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT) Note: Rack mount or tower configuration.	804.62	29.93
26 33 53 00-0029	EA	External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT) Note: Rack mount or tower configuration.	783.47	29.93
26 33 53 00-0030	EA	External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT) Note: Rack mount or tower configuration.	532.85	29.93
26 33 53 00-0031	EA	Replacement Internal Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT)	794.19	98.75
26 33 53 00-0032	EA	Replacement Internal Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT)	893.93	131.67
26 33 53 00-0033		Three Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0034		208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) With Internal Battery (Emerson) *(26 33 53 00-0033)*		
		Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0035	EA	10 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	24,198.86	395.01
26 33 53 00-0036	EA	15 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	26,875.83	526.69
26 33 53 00-0037	EA	20 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	30,108.39	658.36
26 33 53 00-0038	EA	30 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	32,729.80	790.03
26 33 53 00-0039	EA	40 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS)	39,351.52	921.70
26 33 53 00-0040		208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery (Emerson) *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0041	EA	60 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	53,603.87	1,571.09
26 33 53 00-0042	EA	80 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	58,631.04	1,945.16
26 33 53 00-0043	EA	100 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	64,962.32	2,269.35
26 33 53 00-0044	EA	120 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	79,851.11	2,568.61
26 33 53 00-0045	EA	140 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	83,126.60	2,867.86
26 33 53 00-0046	EA	160 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	86,337.70	3,167.12
26 33 53 00-0047	EA	180 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	90,215.54	3,466.38
26 33 53 00-0048	EA	200 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	94,093.37	3,765.62
26 33 53 00-0049		480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery (Emerson) *(26 33 53 00-0033)*		
		Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0050	EA	50 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	49,968.81	1,296.77
26 33 53 00-0051	EA	100 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	65,295.68	2,279.33
26 33 53 00-0052	EA	150 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	88,764.38	2,633.45
26 33 53 00-0053	EA	200 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	104,264.34	2,892.80
26 33 53 00-0054	EA	250 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS)	121,653.33	3,192.06
26 33 53 00-0055		Optional Accessories For Three Phase, Uninterruptible Power Supply Systems *(26 33 53 00-0033)*		
26 33 53 00-0056	EA	Programmable Relay Board For Three Phase Uninterruptible Power Supply Systems	549.62	49.87
26 33 53 00-0057	EA	Network Interface Card For Three Phase Uninterruptible Power Supply Systems	882.86	49.87
26 33 53 00-0058	EA	Remote Status Panel With 100' Of Cable For Three Phase Uninterruptible Power Supply Systems	1,700.75	99.76
26 33 53 00-0059	EA	Slim Line Distribution Panel With Two 42 Pole Panels For Three Phase Uninterruptible Power Supply Systems	5,303.20	399.00
26 33 53 00-0060	EA	12 Volt, 491 Watts, 3 Phase, 134 Amp Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR)	369.71	49.87
26 33 53 00-0061	EA	12 Volt, 204 Watts, 3 Phase, 55 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200)	205.06	49.87
26 33 53 00-0062	EA	12 Volt, 257 Watts, 3 Phase, 65 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250)	229.09	49.87
26 33 53 00-0063	EA	12 Volt, 311 Watts, 3 Phase, 75 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300)	253.11	49.87
26 33 53 00-0064	EA	12 Volt, 374 Watts, 3 Phase, 90 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350)	296.36	49.87
26 33 53 00-0065	EA	12 Volt, 415 Watts, 3 Phase, 100 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400)	310.78	49.87
26 33 53 00-0066	EA	12 Volt, 493 Watts, 3 Phase, 135 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500)	385.26	49.87
26 33 53 00-0067	EA	12 Volt, 540 Watts, 3 Phase, 150 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540)	403.28	49.87
26 33 53 00-0068		Other Uninterruptable Power Supply Equipment *(26 33 53)*		
26 33 53 00-0069	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In	3,603.20	91.19
26 33 53 00-0070	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In	4,375.39	182.39
26 33 53 00-0071	EA	GE Plug-In Breakers 1 Pole 15- 60A For UPS Distribution Panel	21.56	5.47
26 33 53 00-0072	EA	GE Plug-In Breakers 2 Pole 15- 40A For UPS Distribution Panel	37.27	6.83
26 33 53 00-0073	EA	GE Plug-In Breakers 2 Pole 50- 80A For UPS Distribution Panel	66.76	6.83
26 33 53 00-0074	EA	GE Plug-In Breakers 3 Pole 15- 60A For UPS Distribution Panel	97.27	9.12
26 33 53 00-0075	EA	GE Plug-In Breakers 3 Pole 70- 100A For UPS Distribution Panel	136.20	9.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0076	EA	Uninterrupted Power Supply Remote Status Panel	2,482.59	91.19
26 33 53 00-0077	EA	Uninterrupted Power Supply Remote Contact Board	844.52	68.40

26 35 Power Filters And Conditioners *(26 30)*

26 35 33 Power Factor Correction Equipment *(26 35)*

26 35 33 16 Low-Voltage Power Factor Correction Equipment *(26 35 33)*

26 35 33 16-0001 Power Factor Correction Capacitors *(26 35 33 16)*

26 35 33 16-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	578.13
26 35 33 16-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	640.30
26 35 33 16-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	702.46
26 35 33 16-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	762.14
26 35 33 16-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	936.20
26 35 33 16-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	1,143.83
26 35 33 16-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	1,766.73
26 35 33 16-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	2,145.93
26 35 33 16-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	2,772.56
26 35 33 16-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	3,153.01
26 35 33 16-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	5,532.68
26 35 33 16-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	8,318.91
26 35 33 16-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	11,092.71
26 35 33 16-0015	EA	Power Factor Correction Capacitors, Fuse Kit	514.73

26 35 43 Static-Frequency Converters *(26 35)*

26 35 43 00-0001 Rotary Phase Converter With NEMA 1 Indoor Enclosure *(26 35 43)*

26 35 43 00-0002	EA	750W Output Rotary Phase Converter With NEMA 1 Enclosure	465.16	99.76
26 35 43 00-0003	EA	2KW Output Rotary Phase Converter With NEMA 1 Enclosure	789.41	119.70
26 35 43 00-0004	EA	3KW Output Rotary Phase Converter With NEMA 1 Enclosure	907.97	159.61
26 35 43 00-0005	EA	5KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,240.03	199.50
26 35 43 00-0006	EA	7KW Output Rotary Phase Converter With NEMA 1 Enclosure	1,698.97	259.35
26 35 43 00-0007	EA	11KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,186.19	319.20
26 35 43 00-0008	EA	15KW Output Rotary Phase Converter With NEMA 1 Enclosure	2,729.94	379.05
26 35 43 00-0009	EA	21KW Output Rotary Phase Converter With NEMA 1 Enclosure	3,310.29	428.93
26 35 43 00-0010	EA	29KW Output Rotary Phase Converter With NEMA 1 Enclosure	3,857.35	518.70
26 35 43 00-0011	EA	36KW Output Rotary Phase Converter With NEMA 1 Enclosure	4,411.08	583.55
26 35 43 00-0012	EA	44KW Output Rotary Phase Converter With NEMA 1 Enclosure	4,964.80	648.39
26 35 43 00-0013	EA	55KW Output Rotary Phase Converter With NEMA 1 Enclosure	6,152.91	783.05
26 35 43 00-0014	EA	74KW Output Rotary Phase Converter With NEMA 1 Enclosure	7,956.29	942.65
26 35 43 00-0015	EA	87KW Output Rotary Phase Converter With NEMA 1 Enclosure	10,061.47	1,147.14
26 35 43 00-0016	EA	110KW Output Rotary Phase Converter With NEMA 1 Enclosure	11,524.76	1,341.66
26 35 43 00-0017	EA	125KW Output Rotary Phase Converter With NEMA 1 Enclosure	14,717.54	1,496.27
26 35 43 00-0018	EA	165KW Output Rotary Phase Converter With NEMA 1 Enclosure	22,184.06	1,695.78
26 35 43 00-0019	EA	220KW Output Rotary Phase Converter With NEMA 1 Enclosure	32,760.27	1,895.28

26 35 53 Voltage Regulators *(26 35)*

26 35 53 00-0001 Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase *(26 35 53)*

Note: For diesel motor generator sets mounted in switchgear cabinet.

26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	5,092.48	1,586.05
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	5,917.84	1,995.03
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	6,677.85	2,374.09

26 36 Transfer Switches *(26 30)*

26 36 13 Manual Transfer Switches *(26 36)*

26 36 13 00-0001 Fused Manual Transfer Switches *(26 36 13)*

26 36 13 00-0002	EA	30 Amp Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,002.19	174.56
26 36 13 00-0003	EA	60 Amp Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,172.17	216.86

26 36 13 00-0004 Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 13)*

26 36 13 00-0005	EA	40 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40)	2,504.08	255.67
		For NEMA 3R Enclosure, Add	*784.19*	
		For NEMA 12 Enclosure, Add	*738.05*	
26 36 13 00-0006	EA	70 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70)	2,778.90	306.81
		For NEMA 3R Enclosure, Add	*784.19*	
		For NEMA 12 Enclosure, Add	*738.05*	
26 36 13 00-0007	EA	125 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125)	3,156.05	357.95
		For NEMA 3R Enclosure, Add	*784.19*	
		For NEMA 12 Enclosure, Add	*738.05*	
26 36 13 00-0008	EA	150 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150)	3,911.88	409.08
		For NEMA 3R Enclosure, Add	*922.57*	
		For NEMA 12 Enclosure, Add	*738.05*	
26 36 13 00-0009	EA	225 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225)	4,833.15	460.21
		For NEMA 3R Enclosure, Add	*922.57*	
		For NEMA 12 Enclosure, Add	*738.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 13 00-0010	EA	260 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260)	5,432.75	511.35
		For NEMA 3R Enclosure, Add	*922.57*	
		For NEMA 12 Enclosure, Add	*738.05*	
26 36 13 00-0011	EA	300 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300)	6,041.67	562.49
		For NEMA 3R Enclosure, Add	*1,088.63*	
		For NEMA 12 Enclosure, Add	*922.57*	
26 36 13 00-0012	EA	400 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400)	7,084.48	613.62
		For NEMA 3R Enclosure, Add	*1,088.63*	
		For NEMA 12 Enclosure, Add	*922.57*	
26 36 13 00-0013	EA	600 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600)	9,361.18	767.03
		For NEMA 3R Enclosure, Add	*1,088.63*	
		For NEMA 12 Enclosure, Add	*922.57*	
26 36 13 00-0014	EA	800 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800)	10,542.55	920.43
		For NEMA 3R Enclosure, Add	*1,337.72*	
		For NEMA 12 Enclosure, Add	*1,291.60*	
26 36 13 00-0015	EA	1,000 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000)	14,036.99	1,280.94
		For NEMA 3R Enclosure, Add	*1,337.72*	
		For NEMA 12 Enclosure, Add	*1,291.60*	

26 36 23 Automatic Transfer Switches *(26 36)*

26 36 23 00-0001 Automatic Transfer Switch *(26 36 23)*

26 36 23 00-0002 Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

Note: Programmable, 120/240 volt single phase, 3 wire.

26 36 23 00-0003	EA	100 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	2,286.09	357.95
26 36 23 00-0004	EA	225 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	3,105.06	460.21
26 36 23 00-0005	EA	400 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	4,913.81	613.62
26 36 23 00-0006	EA	600 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	11,091.84	767.03

26 36 23 00-0007 Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0008	EA	40 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	3,710.21	255.67
		For NEMA 3R Enclosure, Add	*784.19*	
		For NEMA 4 Enclosure, Add	*830.31*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0009	EA	70 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	4,285.28	306.81
		For NEMA 3R Enclosure, Add	*784.19*	
		For NEMA 4 Enclosure, Add	*830.31*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0010	EA	125 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	4,714.03	357.95
		For NEMA 3R Enclosure, Add	*784.19*	
		For NEMA 4 Enclosure, Add	*830.31*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0011	EA	150 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	5,605.44	409.08
		For NEMA 3R Enclosure, Add	*922.57*	
		For NEMA 4 Enclosure, Add	*1,199.34*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0012	EA	225 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	6,399.59	460.21
		For NEMA 3R Enclosure, Add	*922.57*	
		For NEMA 4 Enclosure, Add	*1,199.34*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0013	EA	260 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	7,062.63	511.35
		For NEMA 3R Enclosure, Add	*922.57*	
		For NEMA 4 Enclosure, Add	*1,199.34*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0014	EA	300 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300)	7,383.96	562.49
		For NEMA 3R Enclosure, Add	*1,088.63*	
		For NEMA 4 Enclosure, Add	*1,291.60*	
		For NEMA 12 Enclosure, Add	*922.57*	
26 36 23 00-0015	EA	400 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	8,347.27	613.62
		For NEMA 3R Enclosure, Add	*1,088.63*	
		For NEMA 4 Enclosure, Add	*1,291.60*	
		For NEMA 12 Enclosure, Add	*922.57*	
26 36 23 00-0016	EA	600 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	11,428.34	767.03
		For NEMA 3R Enclosure, Add	*1,088.63*	
		For NEMA 4 Enclosure, Add	*1,291.60*	
		For NEMA 12 Enclosure, Add	*922.57*	
26 36 23 00-0017	EA	800 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	12,825.39	920.43
		For NEMA 3R Enclosure, Add	*1,337.72*	
		For NEMA 4 Enclosure, Add	*1,476.12*	
		For NEMA 12 Enclosure, Add	*1,291.60*	
26 36 23 00-0018	EA	1,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	16,705.51	1,280.94
		For NEMA 3R Enclosure, Add	*1,337.72*	
		For NEMA 4 Enclosure, Add	*1,476.12*	
		For NEMA 12 Enclosure, Add	*1,291.60*	
26 36 23 00-0019	EA	1,200 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	21,648.66	1,387.69
		For NEMA 3R Enclosure, Add	*2,952.23*	
		For NEMA 4 Enclosure, Add	*1,660.63*	
		For NEMA 12 Enclosure, Add	*1,383.86*	
26 36 23 00-0020	EA	1,600 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	23,094.86	1,601.17
		For NEMA 3R Enclosure, Add	*4,797.36*	
		For NEMA 4 Enclosure, Add	*5,904.44*	
		For NEMA 12 Enclosure, Add	*4,797.36*	
26 36 23 00-0021	EA	2,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	26,404.20	1,814.66
		For NEMA 3R Enclosure, Add	*4,797.36*	
		For NEMA 4 Enclosure, Add	*5,904.44*	
		For NEMA 12 Enclosure, Add	*4,797.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0022	EA	3,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	31,895.50	2,241.64
		For NEMA 3R Enclosure, Add	*4,797.36*	
26 36 23 00-0023	EA	4,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	55,216.68	2,668.62
		For NEMA 3R Enclosure, Add	*22,547.56*	

26 36 23 00-0024 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0025	EA	150 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	18,549.08	1,943.13
		For NEMA 3R Enclosure, Add	*1,614.50*	
		For NEMA 4 Enclosure, Add	*1,660.63*	
		For NEMA 12 Enclosure, Add	*876.45*	
26 36 23 00-0026	EA	225 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)	19,364.46	2,045.40
		For NEMA 3R Enclosure, Add	*1,614.50*	
		For NEMA 4 Enclosure, Add	*1,660.63*	
		For NEMA 12 Enclosure, Add	*876.45*	
26 36 23 00-0027	EA	260 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260)	20,299.83	2,147.67
		For NEMA 3R Enclosure, Add	*1,614.50*	
		For NEMA 4 Enclosure, Add	*1,660.63*	
		For NEMA 12 Enclosure, Add	*876.45*	
26 36 23 00-0028	EA	300 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300)	22,642.44	2,198.81
		For NEMA 3R Enclosure, Add	*1,614.50*	
		For NEMA 4 Enclosure, Add	*1,660.63*	
		For NEMA 12 Enclosure, Add	*876.45*	
26 36 23 00-0029	EA	400 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400)	26,111.99	2,249.94
		For NEMA 3R Enclosure, Add	*1,614.50*	
		For NEMA 4 Enclosure, Add	*1,660.63*	
		For NEMA 12 Enclosure, Add	*876.45*	
26 36 23 00-0030	EA	600 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600)	31,327.74	2,352.21
		For NEMA 3R Enclosure, Add	*1,614.50*	
		For NEMA 4 Enclosure, Add	*1,660.63*	
		For NEMA 12 Enclosure, Add	*922.57*	
26 36 23 00-0031	EA	800 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800)	34,526.00	2,454.48
		For NEMA 3R Enclosure, Add	*1,660.63*	
		For NEMA 4 Enclosure, Add	*1,660.63*	
		For NEMA 12 Enclosure, Add	*1,014.83*	
26 36 23 00-0032	EA	1,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000)	43,366.26	2,863.56
		For NEMA 3R Enclosure, Add	*1,660.63*	
		For NEMA 4 Enclosure, Add	*1,660.63*	
		For NEMA 12 Enclosure, Add	*1,014.83*	
26 36 23 00-0033	EA	1,200 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200)	56,793.41	3,202.35
		For NEMA 3R Enclosure, Add	*7,380.55*	
		For NEMA 4 Enclosure, Add	*9,225.68*	
		For NEMA 12 Enclosure, Add	*7,380.55*	
26 36 23 00-0034	EA	1,600 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600)	74,046.00	3,415.84
		For NEMA 3R Enclosure, Add	*15,683.65*	
		For NEMA 4 Enclosure, Add	*15,683.65*	
		For NEMA 12 Enclosure, Add	*14,613.48*	
26 36 23 00-0035	EA	2,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000)	84,067.31	3,736.07
		For NEMA 3R Enclosure, Add	*15,683.65*	
		For NEMA 4 Enclosure, Add	*15,683.65*	
		For NEMA 12 Enclosure, Add	*14,613.48*	
26 36 23 00-0036	EA	3,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000)	134,342.64	4,269.80
		For NEMA 3R Enclosure, Add	*19,373.92*	
26 36 23 00-0037	EA	4,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000)	145,021.10	4,803.52
		For NEMA 3R Enclosure, Add	*19,373.92*	

26 36 23 00-0038 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0039	EA	40 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40)	6,037.87	255.67
		For NEMA 3R Enclosure, Add	*461.29*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0040	EA	70 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70)	6,532.60	306.81
		For NEMA 3R Enclosure, Add	*461.29*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0041	EA	125 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125)	7,026.48	357.95
		For NEMA 3R Enclosure, Add	*461.29*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0042	EA	150 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150)	8,436.37	409.08
		For Four Pole Circuit Breaker, Add	*2,306.42*	
		For NEMA 3R Enclosure, Add	*461.29*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0043	EA	225 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225)	10,977.95	460.21
		For Four Pole Circuit Breaker, Add	*2,306.42*	
		For NEMA 3R Enclosure, Add	*461.29*	
		For NEMA 12 Enclosure, Add	*830.31*	
26 36 23 00-0044	EA	250 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250)	11,690.05	511.35
		For Four Pole Circuit Breaker, Add	*2,306.42*	
		For NEMA 3R Enclosure, Add	*461.29*	
		For NEMA 12 Enclosure, Add	*830.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0045	EA	300 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300)	12,160.26	562.49
		For Four Pole Circuit Breaker, Add	*3,136.73*	
		For NEMA 3R Enclosure, Add	*1,199.34*	
		For NEMA 12 Enclosure, Add	*922.57*	
26 36 23 00-0046	EA	400 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400)	13,758.76	613.62
		For Four Pole Circuit Breaker, Add	*3,136.73*	
		For NEMA 3R Enclosure, Add	*1,199.34*	
		For NEMA 12 Enclosure, Add	*922.57*	
26 36 23 00-0047	EA	600 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600)	16,696.89	767.03
		For Four Pole Circuit Breaker, Add	*3,136.73*	
		For NEMA 3R Enclosure, Add	*1,199.34*	
		For NEMA 12 Enclosure, Add	*922.57*	
26 36 23 00-0048	EA	800 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800)	17,406.30	920.43
		For Four Pole Circuit Breaker, Add	*4,474.46*	
		For NEMA 3R Enclosure, Add	*2,066.56*	
		For NEMA 12 Enclosure, Add	*1,291.60*	
26 36 23 00-0049	EA	1,000 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000)	20,663.90	1,280.94
		For Four Pole Circuit Breaker, Add	*4,474.46*	
		For NEMA 3R Enclosure, Add	*2,066.56*	
		For NEMA 12 Enclosure, Add	*1,291.60*	

26 36 23 00-0050 Accessories *(26 36 23)*

26 36 23 00-0051	EA	Auxiliary Contacts For Automatic Transfer Switch	214.04
26 36 23 00-0052	EA	Battery Charger For Automatic Transfer Switch	1,752.89
26 36 23 00-0053	EA	Elevator Relay Signal For Automatic Transfer Switch	636.58

26 40 Electrical And Cathodic Protection *(26)*

26 41 Facility Lightning Protection *(26 40)*

26 41 13 Lightning Protection For Structures *(26 41)*

26 41 13 13 Lightning Protection For Buildings *(26 41 13)*

26 41 13 13-0001 Lightning Protection *(26 41 13 13)*

26 41 13 13-0002 Air Terminals For Lightning Protection *(26 41 13 13-0001)*

26 41 13 13-0003 Copper Lightning Protection Air Terminals *(26 41 13 13-0002)*

26 41 13 13-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal	52.61	9.98
26 41 13 13-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal	65.57	9.98
26 41 13 13-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal	84.80	9.98
26 41 13 13-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal	94.36	9.98
26 41 13 13-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal	181.99	19.95

26 41 13 13-0009 Aluminum Lightning Protection Air Terminals *(26 41 13 13-0002)*

26 41 13 13-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal	48.01	9.98
26 41 13 13-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal	61.49	9.98
26 41 13 13-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal	77.09	9.98
26 41 13 13-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal	85.85	9.98
26 41 13 13-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal	164.44	19.95

26 41 13 13-0015 Terminal Bases For Lightning Protection *(26 41 13 13-0001)*

26 41 13 13-0016 Copper Lightning Protection Terminal Bases *(26 41 13 13-0015)*

26 41 13 13-0017	EA	Adhesive Base For Copper Lightning Protection Terminal	75.31	29.93
26 41 13 13-0018	EA	Bolted Base For Copper Lightning Protection Terminal	101.38	39.90
26 41 13 13-0019	EA	Hinged Base For Copper Lightning Protection Terminal	135.74	49.87
26 41 13 13-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal	101.38	39.90
26 41 13 13-0021	EA	Offset Point Support For Copper Lightning Protection Terminal	107.44	39.90
26 41 13 13-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal	191.79	79.80
26 41 13 13-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal	134.15	49.87
26 41 13 13-0024	EA	Intermediate Base For Copper Lightning Protection Terminal	75.31	29.93

26 41 13 13-0025 Aluminum Lightning Protection Terminal Bases *(26 41 13 13-0015)*

26 41 13 13-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal	70.70	29.93
26 41 13 13-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal	99.75	39.90
26 41 13 13-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal	132.17	49.87
26 41 13 13-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal	100.00	39.90
26 41 13 13-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal	103.60	39.90
26 41 13 13-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal	189.40	79.80
26 41 13 13-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal	128.75	49.87
26 41 13 13-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal	70.70	29.93

26 41 13 13-0034 Connectors *(26 41 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 41 13 13-0035		**Copper Cable Connectors** *(26 41 13 13-0034)*		
26 41 13 13-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System	151.78	49.87
26 41 13 13-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System	208.17	79.80
26 41 13 13-0038	EA	Beam Connector For Copper Lightning Protection System	136.84	49.87
26 41 13 13-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System	32.32	9.98
26 41 13 13-0040	EA	Cable To Bar Connector For Copper Lightning Protection System	32.95	9.98
26 41 13 13-0041	EA	Tee Connector For Copper Lightning Protection Terminal	100.52	29.93
26 41 13 13-0042		**Aluminum Cable Connectors** *(26 41 13 13-0034)*		
26 41 13 13-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System	143.22	49.87
26 41 13 13-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System	204.16	79.80
26 41 13 13-0045	EA	Beam Connector For Aluminum Lightning Protection System	135.51	49.87
26 41 13 13-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System	31.17	9.98
26 41 13 13-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal	92.40	29.93
26 41 13 13-0048		**Bonding Plates** *(26 41 13 13-0001)*		
26 41 13 13-0049		**Copper Bonding Plates** *(26 41 13 13-0048)*		
26 41 13 13-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System	122.40	49.87
26 41 13 13-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System	126.10	49.87
26 41 13 13-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System	185.86	79.80
26 41 13 13-0053		**Aluminum Bonding Plates** *(26 41 13 13-0048)*		
26 41 13 13-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System	118.82	49.87
26 41 13 13-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System	122.93	49.87
26 41 13 13-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System	178.87	79.80
26 41 13 13-0057		**Cable Supports** *(26 41 13 13-0001)*		
26 41 13 13-0058		**Copper Cable Supports** *(26 41 13 13-0057)*		
26 41 13 13-0059	EA	Cable Supports For Copper Lightning Protection System	21.81	9.98
26 41 13 13-0060	EA	Adhesive Cable Supports For Copper Lightning Protection System	22.97	9.98
26 41 13 13-0061		**Aluminum Cable Supports** *(26 41 13 13-0057)*		
26 41 13 13-0062	EA	Cable Supports For Aluminum Lightning Protection System	21.67	9.98
26 41 13 13-0063	EA	Adhesive Cable Supports For Aluminum Lightning Protection System	22.44	9.98
26 41 13 13-0064		**Bonding Straps** *(26 41 13 13-0001)*		
26 41 13 13-0065		**Copper Bonding Straps** *(26 41 13 13-0064)*		
26 41 13 13-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System	64.18	29.93
26 41 13 13-0067		**Aluminum Bonding Straps** *(26 41 13 13-0064)*		
26 41 13 13-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System	61.97	29.93
26 41 13 13-0069		**Accessories For Lightning Protection** *(26 41 13 13-0001)*		
		See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
26 41 13 13-0070		**Copper Adapters** *(26 41 13 13-0069)*		
26 41 13 13-0071	EA	Swivel Adapters For Copper Lightning Protection System	23.82	4.99
26 41 13 13-0072		**Aluminum Adapters** *(26 41 13 13-0069)*		
26 41 13 13-0073	EA	Swivel Adapters For Aluminum Lightning Protection System	24.60	4.99
26 41 13 13-0074	EA	Floor Ground Receptacle For Aluminum Lightning Protection System	153.32	49.87
26 41 23		**Lightning Protection Surge Arresters And Suppressors** *(26 41)*		
26 41 23 00-0001		**Surge And Lightning Arrestors** *(26 41 23)*		
26 41 23 00-0002		**Metal Top Intermediate Type IMX** *(26 41 23 00-0001)*		
		Note: For outdoor construction, single phase.		
26 41 23 00-0003	EA	3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	934.98	219.56
26 41 23 00-0004	EA	4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,012.12	219.56
26 41 23 00-0005	EA	6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,012.12	219.56
26 41 23 00-0006	EA	7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,155.37	219.56
26 41 23 00-0007	EA	9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,155.37	219.56
26 41 23 00-0008	EA	10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,274.37	219.56
26 41 23 00-0009	EA	12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,274.37	219.56
26 41 23 00-0010	EA	15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,736.76	274.45
26 41 23 00-0011	EA	18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,798.46	274.45
26 41 23 00-0012	EA	21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,978.41	329.34
26 41 23 00-0013	EA	24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,137.08	329.34
26 41 23 00-0014	EA	27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,535.98	329.34

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 41 23 00-0015		Porcelain Top Intermediate Type IMX *(26 41 23 00-0001)* Note: For cubicle mounting, single phase.		
26 41 23 00-0016	EA	3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	934.98	219.56
26 41 23 00-0017	EA	4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,012.12	219.56
26 41 23 00-0018	EA	6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,012.12	219.56
26 41 23 00-0019	EA	7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,155.37	219.56
26 41 23 00-0020	EA	9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,155.37	219.56
26 41 23 00-0021	EA	10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,274.37	219.56
26 41 23 00-0022	EA	12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,274.37	219.56
26 41 23 00-0023	EA	15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,736.76	274.45
26 41 23 00-0024	EA	18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,798.46	274.45
26 41 23 00-0025	EA	21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,978.41	329.34
26 41 23 00-0026	EA	24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,137.08	329.34
26 41 23 00-0027	EA	27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,535.98	329.34
26 41 23 00-0028		IMX Accessories *(26 41 23 00-0001)*		
26 41 23 00-0029	EA	1 Crossarm Bracket Reversible 3-27 KV IMX	776.31	219.56
26 41 23 00-0030	EA	Single Unit Horizontal Pole Mounted Bracket (IMX)	767.49	219.56
26 41 23 00-0031	EA	3 Unit Horizontal Pole Mounted Bracket (IMX)	701.46	219.56
26 41 23 00-0032		Lightning Arrestor And Cutouts *(26 41 23 00-0001)*		
26 41 23 00-0033	EA	3 KV La Distribution Class, Lightning Arrestor	529.48	219.56
26 41 23 00-0034	EA	3 KV La Interior Class, Lightning Arrestor	993.69	219.56
26 41 23 00-0035	EA	3 KV La Station Class, Lightning Arrestor	934.98	219.56
26 41 23 00-0036	EA	9 KV La Distribution Class, Lightning Arrestor	577.96	219.56
26 41 23 00-0037	EA	9 KV La Interior Class, Lightning Arrestor	1,122.22	219.56
26 41 23 00-0038	EA	9 KV La Station Class, Lightning Arrestor	1,155.37	219.56
26 41 23 00-0039	EA	5 KV Enclosed Fused Cutout	653.33	219.56
26 41 23 00-0040	EA	15 KV Open Fused Cutout	709.77	274.45
26 41 23 00-0041	EA	18 KV La Distribution Class, Lightning Arrestor	552.46	219.56
26 41 23 00-0042	EA	18 KV La Interior Class, Lightning Arrestor	1,190.92	219.56

26 43 Surge Protective Devices *(26 40)*

26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits *(26 43)*

26 43 13 00-0001		25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPL		
26 43 13 00-0002	EA	120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	223.93	24.94
26 43 13 00-0003	EA	208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	241.59	24.94
26 43 13 00-0004	EA	240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	251.57	29.93
26 43 13 00-0005	EA	277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	208.91	19.95
26 43 13 00-0006	EA	480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	251.57	29.93
26 43 13 00-0007		50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPL		
26 43 13 00-0008	EA	120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	310.96	24.94
26 43 13 00-0009	EA	208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	331.03	29.93
26 43 13 00-0010	EA	208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	321.05	24.94
26 43 13 00-0011	EA	480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	331.03	29.93
26 43 13 00-0012		100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPL		
26 43 13 00-0013	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	376.55	24.94
26 43 13 00-0014	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	396.62	29.93
26 43 13 00-0015	EA	277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	351.44	19.95
26 43 13 00-0016	EA	480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	396.62	29.93
26 43 13 00-0017		100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPM		
26 43 13 00-0018	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	444.66	24.94
26 43 13 00-0019	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	501.31	29.93
26 43 13 00-0020	EA	277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	420.81	19.95
26 43 13 00-0021		160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert LPM		
26 43 13 00-0022	EA	208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	785.10	29.93
26 43 13 00-0023	EA	208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	775.12	24.94
26 43 13 00-0024	EA	480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	785.10	29.93
26 43 13 00-0025		250 kA, 500 Joule Transient Voltage Surge Suppression *(26 43 13)* Note: Liebert Interceptor Hybrid.		
26 43 13 00-0026	EA	LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	4,550.03	49.87
26 43 13 00-0027	EA	Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	5,559.07	49.87

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0028		Class 1310 Transient Voltage Surge Suppression *(26 43 13)* Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.		
26 43 13 00-0029		NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)* Note: Square D. EMA series.		
26 43 13 00-0030	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,669.47	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0031	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,046.91	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0032	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	5,914.93	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0033	EA	320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,870.65	199.50
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0034	EA	480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	11,647.60	274.32
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0035	EA	120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,829.24	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0036	EA	160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,222.42	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0037	EA	240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,186.09	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0038	EA	320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,222.81	199.50
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0039	EA	480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,191.02	274.32
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0040	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,829.24	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0041	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,222.42	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0042	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,186.04	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0043	EA	320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,222.81	199.50
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0044	EA	480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,191.02	274.32
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0045	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,989.03	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0046	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,400.19	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0047	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,459.47	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0048	EA	320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,577.28	199.50
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0049	EA	480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,736.64	274.32
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0050	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,174.67	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0051	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,584.74	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0052	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,745.25	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0053	EA	320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,948.55	199.50
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0054	EA	480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,535.78	274.32
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0055		NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)* Note: Square D EBA series.		
26 43 13 00-0056	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,859.45	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0057	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,455.16	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0058	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,066.63	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,950.58	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,590.17	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,243.27	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,950.58	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,590.17	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,243.27	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,066.46	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,735.31	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,469.40	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,187.98	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,889.44	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,706.79	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EMA series. Stainless steel.

26 43 13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,732.67	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,110.11	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	6,978.13	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,892.44	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0076	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,285.62	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0077	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,249.29	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0078	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,892.44	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0079	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,285.62	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0080	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,249.24	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0081	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,052.23	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0082	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,463.39	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0083	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,522.67	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0084	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,237.87	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0085	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,647.94	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0086	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,808.45	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series. Stainless steel.

26 43 13 00-0088	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,922.65	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0089	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,518.36	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0090	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,129.83	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0091	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,013.78	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0092	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,653.37	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0093	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,306.47	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0094	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,013.78	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0095	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,653.37	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0096	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,306.47	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0097	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,129.66	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0098	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,798.51	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0099	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,532.61	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0100	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,251.18	129.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0101	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,952.64	149.63
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0102	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,769.99	174.56
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 50 Lighting *(26)*

Note: Light fixtures include testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

26 51 Interior Lighting *(26 50)*

26 51 13 Incandescent Interior Lighting *(26 51)*

26 51 13 00-0001 Recessed Fixtures *(26 51 13)*

Note: Housing and trim priced separately.

26 51 13 00-0002 Incandescent, Recessed Fixture Housings *(26 51 13 00-0001)*

26 51 13 00-0003	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing	61.87	28.53
26 51 13 00-0004	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing	61.87	28.53
26 51 13 00-0005	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing	65.51	29.93
26 51 13 00-0006	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing	69.25	31.22
26 51 13 00-0007	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing	73.00	32.52
26 51 13 00-0008	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing	74.98	34.51

26 51 13 00-0010 Recessed Fixture Trim *(26 51 13 00-0001)*

26 51 13 00-0011	EA	Circular, Recessed Fixture Trim	44.44	13.97
26 51 13 00-0012	EA	Circular Clear Lens, Recessed Fixture Trim	48.74	13.97
26 51 13 00-0013	EA	Open/Baffle, Recessed Fixture Trim	56.20	13.97
26 51 13 00-0014	EA	Specular Reflector, Recessed Fixture Trim	60.15	13.97
26 51 13 00-0015	EA	Eyeball, Recessed Fixture Trim	48.81	13.97
26 51 13 00-0016	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim	46.50	13.97
26 51 13 00-0017	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim	49.15	13.97

26 51 13 00-0018 Track Lighting *(26 51 13)*

26 51 13 00-0019 Track Lighting Tracks *(26 51 13 00-0018)*

26 51 13 00-0020	LF	1 Circuit Track Lighting Track	27.91	6.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0021	LF	2 Circuit Track Lighting Track	37.20	6.58
26 51 13 00-0022	LF	3 Circuit Track Lighting Track	45.06	6.58
26 51 13 00-0023	LF	4 Circuit Track Lighting Track	52.92	7.98
26 51 13 00-0024		Incandescent Track Lighting Fixtures *(26 51 13 00-0018)*		
26 51 13 00-0025	EA	Incandescent Track Lighting Fixture	56.87	16.66
26 51 13 00-0026	EA	Par 20 Track Fixture, White Or Black Finish, 120 Volt	69.67	16.66
26 51 13 00-0027	EA	Par 30 Track Fixture, White Or Black Finish, 120 Volt	104.21	16.66
26 51 13 00-0028	EA	Par 38 Track Fixture, White Or Black Finish, 120 Volt	107.64	16.66
26 51 13 00-0029	EA	PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	85.31	16.66
26 51 13 00-0030	EA	PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	69.67	16.66
26 51 13 00-0031	EA	PAR 30, Baffled Cylinder Track Fixture, White or Black Finish Note: 120V.	83.66	16.66
26 51 13 00-0032	EA	PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	111.06	16.66
26 51 13 00-0034		Track Lighting Accessories *(26 51 13 00-0018)*		
26 51 13 00-0035		Pendant Mounting *(26 51 13 00-0034)*		
26 51 13 00-0036	EA	Track Lighting Pendant Mounting, Up to 12"	28.03	
26 51 13 00-0037	EA	Track Lighting Pendant Mounting, >12" To 24"	37.43	
26 51 13 00-0038	EA	Track Lighting Pendant Mounting, >24" To 36"	46.08	
26 51 13 00-0039		Wet Location, Dust Resistant, Vapor Tight Fixtures *(26 51 13)*		
26 51 13 00-0040		Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0039)*		
26 51 13 00-0041	EA	100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	147.21	39.90
26 51 13 00-0042	EA	200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	174.79	39.90
26 51 13 00-0044		Removal And Reinstallation Of Light Fixtures *(26 51 13)* Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.		
26 51 13 00-0045	EA	Removal And Reinstallation Of Lay-In Fluorescent Light Fixture	106.24	
26 51 13 00-0046	EA	Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture	121.42	
26 51 13 00-0047		Retrofit Existing Fluorescent Fixtures *(26 51 13)*		
26 51 13 00-0048	EA	Convert 1L F96 fixture to operate (2) F32T8 lamps Note: Includes white enameled 8' reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	190.98	
		For Specular Reflector, Add	*24.21*	
		For Retrofit Kit Without Ballast, Deduct	*-63.16*	
26 51 13 00-0049	EA	Convert 2L F96 fixture to operate (4) F32T8 lamps Note: Includes white enameled 8' reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	195.96	
		For Specular Reflector, Add	*24.21*	
		For Retrofit Kit Without Ballast, Deduct	*-63.90*	
26 51 13 00-0050	EA	Convert 1L UFB40 fixture to operate (2) F17T8 lamps Note: Includes white enameled reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	117.86	
		For Specular Reflector, Add	*6.35*	
		For Retrofit Kit Without Ballast, Deduct	*-36.18*	
26 51 13 00-0051	EA	Convert 2L UFB40 fixture to operate (3) F17T8 lamps Note: Includes white enameled reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.	121.85	
		For Specular Reflector, Add	*6.35*	
		For Retrofit Kit Without Ballast, Deduct	*-36.78*	
26 51 16		**Fluorescent Interior Lighting** *(26 51)*		
26 51 16 00-0001		Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0002		Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0003		6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0004	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	122.13	28.54
26 51 16 00-0005	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	135.84	28.54
26 51 16 00-0006		6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0007	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	136.67	29.73
26 51 16 00-0008	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	151.35	29.73
26 51 16 00-0009		1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0010	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	162.02	33.38
26 51 16 00-0011	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	189.63	33.38
26 51 16 00-0012	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	220.06	33.38
26 51 16 00-0013		2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0014	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	136.08	36.48
26 51 16 00-0015	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	155.16	36.48
26 51 16 00-0016		2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0017	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	207.44	42.50
26 51 16 00-0018	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	221.74	42.50
26 51 16 00-0019	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	249.32	42.50
26 51 16 00-0020		Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0001)*		
		Note: Includes prismatic lens.		
26 51 16 00-0021		1' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0022	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	161.18	33.10
26 51 16 00-0023	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	254.21	33.10
26 51 16 00-0024	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	287.98	33.10
26 51 16 00-0025		2' x 2', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0026	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	247.15	36.48
26 51 16 00-0027	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	268.65	36.48
26 51 16 00-0028	EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	284.15	36.48
26 51 16 00-0029		2' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0030	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	252.14	42.50
26 51 16 00-0031	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	274.73	42.50
26 51 16 00-0032	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	287.00	42.50
26 51 16 00-0033	EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	305.49	42.50
26 51 16 00-0034		4' x 4', Surface Mounted, Box Type Fluorescent Fixtures *(26 51 16 00-0020)*		
26 51 16 00-0035	EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	488.94	54.72
26 51 16 00-0036	EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	495.91	54.72
26 51 16 00-0037	EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	475.59	54.72
26 51 16 00-0038		Recessed Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0039		Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0040		1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 16 00-0039)*		
26 51 16 00-0041	EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	162.84	28.54
		For Drywall Or Plaster Ceilings, Add	*19.29*	
26 51 16 00-0042		1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 16 00-0039)*		
26 51 16 00-0043	EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	209.02	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0044	EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	366.47	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0045		2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 16 00-0039)*		
26 51 16 00-0046	EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	213.78	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 16 00-0047	EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	241.83	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 16 00-0048	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	245.09	36.48
		For Drywall Or Plaster Ceilings, Add	*24.63*	
26 51 16 00-0049	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	263.28	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 16 00-0050		2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture *(26 51 16 00-0039)*		
26 51 16 00-0051	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	210.78	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0052	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	283.17	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0053	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	286.65	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0054	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	317.48	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0055	EA	2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	277.46	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0056	EA	3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	370.49	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0057	EA	4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	379.55	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0058		Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0059		1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0058)*		
26 51 16 00-0060	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	186.08	28.54
		For Drywall Or Plaster Ceilings, Add	*19.29*	
26 51 16 00-0061	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	189.34	28.54
		For Drywall Or Plaster Ceilings, Add	*19.29*	
26 51 16 00-0062	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	219.10	28.54
		For Drywall Or Plaster Ceilings, Add	*19.29*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0063		**1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0064	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	211.59	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0065	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	215.08	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0066	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	240.34	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0067		**2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0068	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	219.54	36.48
		For Drywall Or Plaster Ceilings, Add	*24.63*	
26 51 16 00-0069	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	222.79	36.48
		For Drywall Or Plaster Ceilings, Add	*24.63*	
26 51 16 00-0070	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	252.12	36.48
		For Drywall Or Plaster Ceilings, Add	*24.63*	
26 51 16 00-0071		**2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0058)*		
26 51 16 00-0072	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	210.78	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0073	EA	3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	242.20	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0074	EA	4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	272.08	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0075	EA	6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	305.55	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0076		**Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0077		**1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0076)*		
26 51 16 00-0078	EA	1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	377.80	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0079	EA	2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	381.29	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0080	EA	1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	446.05	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0081	EA	2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	455.11	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0082		**2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0076)*		
26 51 16 00-0083	EA	2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	307.21	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 16 00-0084	EA	3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	340.59	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 16 00-0085	EA	2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	414.47	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 16 00-0086		**2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0076)*		
26 51 16 00-0087	EA	2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	344.61	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0088	EA	3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	419.65	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0089	EA	1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	444.76	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0090	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	488.07	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0091		**Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0038)*		
26 51 16 00-0092		**1' x 4', Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0091)*		
26 51 16 00-0093	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	299.23	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0094	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	389.26	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0095		**2' x 2', Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0091)*		
26 51 16 00-0096	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	300.19	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 16 00-0097	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	340.45	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 16 00-0098		**2' x 4', Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0091)*		
26 51 16 00-0099	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	334.19	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0100	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	334.86	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0101		Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0102		1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0103	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	281.27	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0104		2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0105	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	272.69	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 16 00-0106		2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0101)*		
26 51 16 00-0107	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	327.59	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0108	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	368.43	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0109	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	372.88	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0110		Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0038)*		
26 51 16 00-0111		1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0112	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	269.04	33.10
		For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 16 00-0113		2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0114	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	272.40	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 16 00-0115		2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0110)*		
26 51 16 00-0116	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	334.45	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0117	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	340.32	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0118	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	348.87	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 16 00-0119		Striplight Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0120		1 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0121	EA	1 T8 Lamp, 1-1/2' Length, Striplight Fluorescent Fixture	124.45	27.36
26 51 16 00-0122	EA	1 T8 Lamp, 2' Length, Striplight Fluorescent Fixture	148.49	27.36
26 51 16 00-0123	EA	1 T8 Lamp, 3' Length, Striplight Fluorescent Fixture	148.36	30.36
26 51 16 00-0124	EA	1 T8 Lamp, 4' Length, Striplight Fluorescent Fixture	152.53	33.38
26 51 16 00-0125	EA	1 T8 Lamp, 8' Length, Striplight Fluorescent Fixture	185.24	39.53
26 51 16 00-0126		2 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0127	EA	2 T8 Lamps, 2' Length, Striplight Fluorescent Fixture	151.00	30.36
26 51 16 00-0128	EA	2 T8 Lamps, 3' Length, Striplight Fluorescent Fixture	156.80	33.38
26 51 16 00-0129	EA	2 T8 Lamps, 4' Length, Striplight Fluorescent Fixture	160.58	36.48
26 51 16 00-0130		3 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0131	EA	3 T8 Lamps, 2' Length, Striplight Fluorescent Fixture	211.24	30.36
26 51 16 00-0132	EA	3 T8 Lamps, 3' Length, Striplight Fluorescent Fixture	207.06	33.38
26 51 16 00-0133	EA	3 T8 Lamps, 4' Length, Striplight Fluorescent Fixture	210.45	36.48
26 51 16 00-0134		Display Case Fluorescent Fixtures *(26 51 16 00-0119)*		
26 51 16 00-0135	EA	1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W)	94.78	29.93
26 51 16 00-0136	EA	1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W)	118.20	29.93
26 51 16 00-0137	EA	1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W)	128.08	34.91
26 51 16 00-0138	EA	1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W)	130.95	34.91
26 51 16 00-0139		Industrial Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0140		1 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0141	EA	1 T8 Lamp, 2' Length, Industrial Fluorescent Fixture	171.01	27.36
26 51 16 00-0142	EA	1 T8 Lamp, 4' Length, Industrial Fluorescent Fixture	182.94	33.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0143	EA	1 T8 Lamp, 8' Length, Industrial Fluorescent Fixture	322.09	42.50
26 51 16 00-0144	EA	96" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp Note: With electronic ballast.	147.59	42.50
26 51 16 00-0145		2 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0146	EA	2 T8 Lamps, 2' Length, Industrial Fluorescent Fixture	178.83	30.36
26 51 16 00-0147	EA	2 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	191.00	36.48
26 51 16 00-0148	EA	2 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	329.06	42.50
26 51 16 00-0149	EA	48" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp Note: With electronic ballast.	144.97	36.48
26 51 16 00-0150	EA	96" Lamp Industrial Fixture Fluorescent, 4 54 W T5 Lamp Note: With electronic ballast.	176.87	42.50
26 51 16 00-0151		3 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0152	EA	3 T8 Lamps, 2' Length, Industrial Fluorescent Fixture	186.06	30.36
26 51 16 00-0153	EA	3 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	197.47	36.48
26 51 16 00-0154	EA	3 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	290.98	42.50
26 51 16 00-0155		4 Lamp Cross Section, Industrial Fluorescent Fixtures *(26 51 16 00-0139)*		
26 51 16 00-0156	EA	4 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	261.78	36.48
26 51 16 00-0157	EA	4 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	377.45	42.50
26 51 16 00-0158		Flanged Fluorescent Fixture *(26 51 16 00-0001)* Note: For plaster or drywall application. With electronic ballast.		
26 51 16 00-0159	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	258.17	54.72
26 51 16 00-0160	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	301.41	54.72
26 51 16 00-0161	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	304.89	54.72
26 51 16 00-0162		Undercabinet Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0163	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	96.16	24.62
26 51 16 00-0164	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	112.92	30.09
26 51 16 00-0165	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	111.41	30.09
26 51 16 00-0166	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	132.26	32.83
26 51 16 00-0167	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	153.85	38.30
26 51 16 00-0168		Corner Mounted, Fluorescent Fixtures *(26 51 16 00-0001)* Note: Includes acrylic drop dish diffuser.		
26 51 16 00-0169		2' Length, Corner Mounted, Fluorescent Fixtures *(26 51 16 00-0168)*		
26 51 16 00-0170	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	159.87	27.36
26 51 16 00-0171	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	177.00	27.36
26 51 16 00-0172		3' Length, Corner Mounted, Fluorescent Fixtures *(26 51 16 00-0168)*		
26 51 16 00-0173	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	181.39	28.72
26 51 16 00-0174	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	197.74	28.72
26 51 16 00-0175		4' Length, Corner Mounted, Fluorescent Fixtures *(26 51 16 00-0168)*		
26 51 16 00-0176	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	179.14	30.09
26 51 16 00-0177	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	195.73	30.09
26 51 16 00-0178		Wall Bracket, Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0179		Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 16 00-0178)* Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0180		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 16 00-0179)*		
26 51 16 00-0181	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	267.37	45.89
26 51 16 00-0182	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	270.14	45.89
26 51 16 00-0183		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 16 00-0179)*		
26 51 16 00-0184	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	369.29	45.89
26 51 16 00-0185	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	373.16	45.89
26 51 16 00-0186		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) *(26 51 16 00-0179)*		
26 51 16 00-0187	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	386.88	45.89
26 51 16 00-0188	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	389.65	45.89
26 51 16 00-0189		Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 16 00-0178)* Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0190		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 16 00-0189)*		
26 51 16 00-0191	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	402.81	45.89
26 51 16 00-0192	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	405.58	45.89

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0193		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 16 00-0189)*		
26 51 16 00-0194	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	319.39	45.89
26 51 16 00-0195	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	323.26	45.89
26 51 16 00-0196		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) *(26 51 16 00-0189)*		
26 51 16 00-0197	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	366.66	45.89
26 51 16 00-0198	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	369.43	45.89
26 51 16 00-0199		Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0178)* Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0200		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0199)*		
26 51 16 00-0201	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	252.52	45.89
26 51 16 00-0202	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	255.30	45.89
26 51 16 00-0203		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0199)*		
26 51 16 00-0204	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	253.62	45.89
26 51 16 00-0205	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	257.50	45.89
26 51 16 00-0206		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) *(26 51 16 00-0199)*		
26 51 16 00-0207	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	241.14	45.89
26 51 16 00-0208	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	243.92	45.89
26 51 16 00-0209		Low Occupancy, Industrial Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0210	EA	1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	359.48	33.38
26 51 16 00-0211	EA	2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	364.04	36.48
26 51 16 00-0212		Accessories And Modifiers For Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0213		Lens Modifications *(26 51 16 00-0212)*		
26 51 16 00-0214	EA	For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	21.44	
26 51 16 00-0215	EA	For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	26.49	
26 51 16 00-0216	EA	For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	27.75	
26 51 16 00-0217	EA	For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	30.27	
26 51 16 00-0218	EA	For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	36.58	
26 51 16 00-0219	EA	For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	8.83	
26 51 16 00-0220	EA	For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	12.61	
26 51 16 00-0221	EA	For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	13.87	
26 51 16 00-0222	EA	For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	16.40	
26 51 16 00-0223		Pendant Mounting Modifications *(26 51 16 00-0212)* Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.		
26 51 16 00-0224	EA	For Pendant Mounting Up to 1'-6" Long Section Note: Per pendant.	9.59	
26 51 16 00-0225	EA	For Pendant Mounting 2' Long Section Note: Per pendant.	11.10	
26 51 16 00-0226	EA	For Pendant Mounting 3' Long Section Note: Per pendant.	14.20	
26 51 16 00-0227	EA	For Pendant Mounting 4' Long Section Note: Per pendant.	16.78	
26 51 16 00-0228	EA	For Pendant Mounting 6' Long Section Note: Per pendant.	21.19	
26 51 16 00-0229	EA	For Pendant Mounting 8' Long Section Note: Per pendant.	28.76	
26 51 16 00-0230		Fluorescent Light Accessories *(26 51 16 00-0212)*		
26 51 16 00-0231	EA	Blank Metal Light Box Plate	17.68	
26 51 16 00-0232	EA	Factory Installed Fixture Mounted Occupancy Sensor	97.11	
26 51 16 00-0233		Wire Guards *(26 51 16 00-0212)*		
26 51 16 00-0234	EA	Wire Guard for 6" x 2' Fixture	43.71	5.00
26 51 16 00-0235	EA	Wire Guard for 6" x 4' Fixture	61.84	8.00
26 51 16 00-0236	EA	Wire Guard for 1" x 2' Fixture	48.75	5.50
26 51 16 00-0237	EA	Wire Guard for 1" x 4' Fixture	69.58	8.49
26 51 16 00-0238	EA	Wire Guard for 2" x 2' Fixture	59.19	5.99
26 51 16 00-0239	EA	Wire Guard for 2" x 4' Fixture	81.37	8.99
26 51 16 00-0240		Surface Mounted, Fluorescent Fixtures, Architectural *(26 51 16 00-0001)*		
26 51 16 00-0241		8-1/2"' x 4' Surface Mounted Architectural Fluorescent Fixtures *(26 51 16 00-0240)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0242	EA	8-1/2" x 4' Surface Mounted Architectural Fluorescent Fixture, 1 54 Watt T5 HO Lamp Note: With electronic ballast.	290.47	33.38
26 51 16 00-0243		Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 16 00-0001)* Note: 16 gauge welded steel body with powder coated finish, polycarbonate lens, and tamper resistant screws.		
26 51 16 00-0244		6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 16 00-0243)*		
26 51 16 00-0245	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	155.59	28.54
26 51 16 00-0246	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	183.16	28.54
26 51 16 00-0247		6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 16 00-0243)*		
26 51 16 00-0248	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	167.49	29.73
26 51 16 00-0249	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	197.48	29.73
26 51 16 00-0250		8-1/4" x 2', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0243)*		
26 51 16 00-0251	EA	8-1/4" x 2', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	222.71	45.89
26 51 16 00-0252	EA	8-1/4" x 2', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	232.42	45.89
26 51 16 00-0253		8-1/4" x 4', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0243)*		
26 51 16 00-0254	EA	8-1/4" x 4', 1 T8 Lamp, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	251.84	45.89
26 51 16 00-0255	EA	8-1/4" x 4', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	260.17	45.89
26 51 16 00-0256	EA	8-1/4" x 4', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	271.27	45.89
26 51 16 00-0257		1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 16 00-0243)*		
26 51 16 00-0258	EA	2 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	188.58	31.56
26 51 16 00-0259	EA	3 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	221.73	31.56
26 51 16 00-0260	EA	4 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	237.44	31.56
26 51 16 00-0261		1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures *(26 51 16 00-0243)*		
26 51 16 00-0262	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	202.55	33.38
26 51 16 00-0263	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	238.36	33.38
26 51 16 00-0264	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	255.24	33.38
26 51 16 00-0265		Ceiling Mounted Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0266		Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0265)*		
26 51 16 00-0267		Glass Globe, Compact Fluorescent/Incandescent Fixtures *(26 51 16 00-0266)*		
26 51 16 00-0268	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	109.25	39.90
26 51 16 00-0269	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	126.14	39.90
26 51 16 00-0270		Ceiling Mounted, Circline Fluorescent Fixtures *(26 51 16 00-0265)*		
26 51 16 00-0271		Exposed Lamps, Circline Fluorescent Fixtures *(26 51 16 00-0270)*		
26 51 16 00-0272	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	95.69	39.90
26 51 16 00-0273	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	103.29	39.90
26 51 16 00-0274		Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures *(26 51 16 00-0270)*		
26 51 16 00-0275	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	131.64	39.90
26 51 16 00-0276	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	178.15	39.90
26 51 16 00-0277	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	210.38	39.90
26 51 16 00-0278	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	146.71	39.90
26 51 16 00-0279	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	179.11	39.90
26 51 16 00-0280	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	210.38	39.90
26 51 16 00-0281		Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0265)*		
26 51 16 00-0282		Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures *(26 51 16 00-0281)*		
26 51 16 00-0283	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	134.54	39.90
26 51 16 00-0284	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	167.09	39.90
26 51 16 00-0285	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	196.04	39.90
26 51 16 00-0286	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	111.38	39.90
26 51 16 00-0287	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	129.13	39.90
26 51 16 00-0288	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	162.74	39.90
26 51 16 00-0289		Pendant Mounted, Compact Fluorescent/Incandescent Downlights *(26 51 16 00-0265)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0290		**Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights** *(26 51 16 00-0289)*		
26 51 16 00-0291	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight	193.87	32.78
26 51 16 00-0292		**Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle** *(26 51 16 00-0289)*		
26 51 16 00-0293	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	219.59	32.78
26 51 16 00-0294	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	302.57	32.78
26 51 16 00-0295		**Pendant Mounted, Horizontal Indirect Fluorescent Fixtures** *(26 51 16 00-0265)*		
26 51 16 00-0296	EA	1 T5HO Lamp, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	188.70	32.78
26 51 16 00-0297	EA	2 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	200.29	32.78
26 51 16 00-0298	EA	3 T5HO Lamps, 4' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	237.56	32.78
26 51 16 00-0299	EA	2 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	245.81	32.78
26 51 16 00-0300	EA	4 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	292.34	32.78
26 51 16 00-0301	EA	6 T5HO Lamps, 8' Length, Pendent Mounted, Horizontal Indirect Fluorescent Fixture	347.04	32.78
26 51 16 00-0302		**Finelite Fluorescent Fixtures** *(26 51 16 00-0265)*		
26 51 16 00-0303		**Pendant Mounted, Fluorescent Downlight Fixtures (Finelite Series 10)** *(26 51 16 00-0302)*		
26 51 16 00-0304	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	314.99	46.49
26 51 16 00-0305	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	313.42	46.49
26 51 16 00-0306	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	337.13	46.49
26 51 16 00-0307	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	376.78	46.49
26 51 16 00-0308	EA	2 T5HO Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	411.72	46.49
26 51 16 00-0309	EA	3 T5HO Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	502.28	46.49
26 51 16 00-0310	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	441.85	48.48
26 51 16 00-0311	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	453.88	48.48
26 51 16 00-0312	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	501.31	48.48
26 51 16 00-0313	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	484.51	48.48
26 51 16 00-0314	EA	4 T5HO Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	604.95	48.48
26 51 16 00-0315	EA	6 T5HO Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	710.22	48.48
26 51 16 00-0316	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	578.83	50.47
26 51 16 00-0317	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	599.41	50.47
26 51 16 00-0318	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	660.44	50.47
26 51 16 00-0319	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	668.12	50.47
26 51 16 00-0320	EA	6 T5HO Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	823.49	50.47
26 51 16 00-0321	EA	9 T5HO Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	983.92	50.47
26 51 16 00-0322		**Pendant Mounted, Fluorescent Wallwash Fixtures (Finelite Series X2-O)** *(26 51 16 00-0302)*		
26 51 16 00-0323	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	318.34	46.49
26 51 16 00-0324	EA	1 T5 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	345.60	46.49
26 51 16 00-0325	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	345.95	46.49
26 51 16 00-0326	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	460.12	48.48
26 51 16 00-0327	EA	2 T5 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	491.90	48.48
26 51 16 00-0328	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	492.61	48.48
26 51 16 00-0329	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	601.90	50.47
26 51 16 00-0330	EA	3 T5 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	683.65	50.47
26 51 16 00-0331	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O)	684.71	50.47
26 51 16 00-0332		**Pendant Mounted, Fluorescent Indirect Fixtures (Finelite Series 8)** *(26 51 16 00-0302)*		
26 51 16 00-0333	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	247.04	46.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0334	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	259.23	46.49
26 51 16 00-0335	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	303.36	46.49
26 51 16 00-0336	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	317.82	48.48
26 51 16 00-0337	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	371.24	48.48
26 51 16 00-0338	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	434.81	48.48
26 51 16 00-0339	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	432.16	50.47
26 51 16 00-0340	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	523.89	50.47
26 51 16 00-0341	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I)	621.42	50.47
26 51 16 00-0342		**Fluorescent, Recessed Fixture Housings** *(26 51 16)*		
26 51 16 00-0343	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing	92.02	28.53
26 51 16 00-0344	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing	94.70	28.53
26 51 16 00-0345	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing	98.72	29.83
26 51 16 00-0346	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing	103.67	30.93
26 51 16 00-0347	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	108.06	32.52
26 51 16 00-0348	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing	112.26	34.51
26 51 16 00-0349		**Compact Fluorescent, Recessed Fixture Housings** *(26 51 16)*		
26 51 16 00-0350	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	103.54	28.53
26 51 16 00-0351	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	106.18	28.53
26 51 16 00-0352	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	110.28	29.93
26 51 16 00-0353	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	113.71	31.22
26 51 16 00-0354	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	117.56	32.52
26 51 16 00-0355	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	121.56	34.51
26 51 16 00-0356		**Recessed Mounted Box Type Fluorescent Fixtures, Direct/Indirect** *(26 51 16)*		
26 51 16 00-0357		**2' x 2' Recessed Mounted Box Type Direct/Indirect** *(26 51 16 00-0356)*		
26 51 16 00-0358	EA	2' x 2' Recessed Mounted Box Type Direct/Indirect, 3 T5 Lamps Note: With electronic ballast.	214.20	36.48
26 51 16 00-0359		**Fluorescent Track Lighting Fixtures** *(26 51 16)*		
26 51 16 00-0360	EA	2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	296.57	16.66
26 51 16 00-0361	EA	2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	310.27	16.66
26 51 16 00-0362	EA	2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	318.83	16.66
26 51 16 00-0363	EA	2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	281.82	16.66
26 51 16 00-0364	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	360.59	16.66
26 51 16 00-0365		**Compact Fluorescent Track Lighting Fixtures** *(26 51 16)*		
26 51 16 00-0366	EA	Compact Fluorescent Track Lighting Fixture	65.55	16.66
26 51 16 00-0367		**Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures** *(26 51 16)*		
26 51 16 00-0368	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	161.45	39.90
26 51 16 00-0369	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	166.86	39.90
26 51 16 00-0370	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	180.28	39.90
26 51 16 00-0371		**Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16)*		
26 51 16 00-0372		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16 00-0371)*		
26 51 16 00-0373		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW)** *(26 51 16 00-0372)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0374	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	200.41	42.50
		For T5 Fixture Instead Of T8, Add	*15.64*	
26 51 16 00-0375	EA	2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	209.08	42.50
		For T5 Fixture Instead Of T8, Add	*16.63*	
26 51 16 00-0376	EA	3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	318.32	42.50
		For T5 Fixture Instead Of T8, Add	*29.14*	
26 51 16 00-0377	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	277.27	42.50
26 51 16 00-0378	EA	2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	436.37	42.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0379		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W) *(26 51 16 00-0372)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0380	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	227.78	42.50
26 51 16 00-0381	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	230.23	42.50
26 51 16 00-0382	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	327.58	42.50
26 51 16 00-0383	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	274.33	42.50
26 51 16 00-0384	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	285.98	42.50
26 51 16 00-0385		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 16 00-0371)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0386		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) *(26 51 16 00-0385)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0387	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	369.62	57.72
		For T5 Fixture Instead Of T8, Add	*32.40*	
26 51 16 00-0388	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	383.18	57.72
		For T5 Fixture Instead Of T8, Add	*33.95*	
26 51 16 00-0389		High Bay Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0390		(T8) Fluorescent, High Bay Fixtures *(26 51 16 00-0389)*		
26 51 16 00-0391		(T8) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0390)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0392	EA	2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	332.27	93.02
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0393	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	349.85	103.05
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0394	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	396.67	117.64
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0395	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	468.26	123.93
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0396	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	507.06	129.68
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0397	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	437.08	117.64
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0398	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	453.17	123.93
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0399	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	529.95	129.68
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0400		(T5HO) Fluorescent, High Bay Fixtures *(26 51 16 00-0389)*		
26 51 16 00-0401		(T5HO) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0400)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0402	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	337.62	93.02
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0403	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	356.31	103.05
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0404	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	406.37	117.64
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0405	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	485.72	123.93
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0406	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	475.00	117.64
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0407		EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	526.94	123.93
			For Wire Guard, Add	*40.50*	
			For Polycarbonate Lens, Add	*47.75*	
			For Acrylic Lens, Add	*54.00*	
26 51 16 00-0408		EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	632.03	129.68
			For Wire Guard, Add	*40.50*	
			For Polycarbonate Lens, Add	*47.75*	
			For Acrylic Lens, Add	*54.00*	

26 51 19 LED Interior Lighting *(26 51)*

26 51 19 00-0001 LED Fixtures *(26 51 19)*

26 51 19 00-0002 Undercabinet LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0003		EA	12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	149.38	24.62
26 51 19 00-0004		EA	18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	190.74	30.09
26 51 19 00-0005		EA	24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6)	215.00	30.09
26 51 19 00-0006		EA	24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30)	105.55	24.62

26 51 19 00-0007 Striplight LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0008 Striplight LED Fixtures (Lithonia ZL) *(26 51 19 00-0007)*

26 51 19 00-0009		EA	2' Length, 3,000 Lumens, LED Striplight Fixture (Lithonia ZL1)	306.89	27.36
26 51 19 00-0010		EA	4' Length, 2,800 Lumens, LED Striplight Fixture (Lithonia ZL1)	316.01	33.38
26 51 19 00-0011		EA	2' Length, 1,400 Lumens, Lensed LED Striplight Fixture (Lithonia ZL2)	280.67	27.36
26 51 19 00-0012		EA	4' Length, 2,300 Lumens, Lensed LED Striplight Fixture (Lithonia ZL2)	289.79	33.38
26 51 19 00-0013		EA	4' Length, 4,600 Lumens, Lensed LED Striplight Fixture (Lithonia ZL2)	373.99	33.38

26 51 19 00-0014 Striplight LED Fixtures (Mobern) *(26 51 19 00-0007)*

26 51 19 00-0015		EA	2' Length, 1,100 Lumens, 12 Watt, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30)	138.12	27.36

26 51 19 00-0016 Striplight LED Fixtures (Eaton) *(26 51 19 00-0007)*

26 51 19 00-0017		EA	4' Length, 2,301 Lumens, 18 Watt, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U)	175.06	33.38
26 51 19 00-0018		EA	4', 16 Watt, 2,382 Lumens, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U)	165.95	33.38
26 51 19 00-0019		EA	4', 16 Watt, 2,382 Lumens, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U)	175.06	33.38

26 51 19 00-0020 Lay-In/Troffer LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0021 Prismatic Lensed, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*

26 51 19 00-0022 Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0021)*

26 51 19 00-0023		EA	1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)	367.39	42.50
			For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 19 00-0024		EA	2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)	394.62	36.48
			For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 19 00-0025		EA	2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	360.86	42.50
			For Drywall Or Plaster Ceilings, Add	*28.73*	

26 51 19 00-0026 Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) *(26 51 19 00-0021)*

26 51 19 00-0027		EA	1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	516.74	42.50
26 51 19 00-0028		EA	2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	359.35	36.48
26 51 19 00-0029		EA	2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	466.03	42.50

26 51 19 00-0030 Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) *(26 51 19 00-0021)*

26 51 19 00-0031		EA	2' x 2', 2,591 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	242.18	36.48
26 51 19 00-0032		EA	2' x 2', 3,883 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	266.36	36.48
26 51 19 00-0033		EA	2' x 2', 3,700 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	228.87	36.48
26 51 19 00-0034		EA	2' x 2', 4,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	228.87	36.48
26 51 19 00-0035		EA	2' x 2', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	244.59	36.48

26 51 19 00-0036 Volumetric, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*

26 51 19 00-0037 Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0036)*

26 51 19 00-0038		EA	1' x 4', 2,500 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	461.77	33.10
			For Drywall Or Plaster Ceilings, Add	*22.57*	
26 51 19 00-0039		EA	2' x 2', 2,400 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	401.24	36.48
			For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 19 00-0040		EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	409.54	36.48
			For Drywall Or Plaster Ceilings, Add	*24.62*	
26 51 19 00-0041		EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	418.66	42.50
26 51 19 00-0042		EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	447.06	42.50
			For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 19 00-0043		EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	475.45	42.50
			For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 19 00-0044		EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4)	312.37	42.50
			For Drywall Or Plaster Ceilings, Add	*28.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0045		Architectural, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*		
26 51 19 00-0046		Architectural, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0045)* Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 19 00-0047	EA	1' x 4', 2,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	447.39	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 19 00-0048	EA	1' x 4', 4,300 Lumens, Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	533.31	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 19 00-0049	EA	1' x 4', 6,400 Lumens, Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	610.64	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 19 00-0050		Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) *(26 51 19 00-0045)* Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0051	EA	1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	361.12	42.50
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*116.08*	
		For Surface Mount, Add	*196.99*	
26 51 19 00-0052	EA	1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	389.99	42.50
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*116.08*	
		For Surface Mount, Add	*196.99*	
26 51 19 00-0053	EA	1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	389.99	42.50
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*116.08*	
		For Surface Mount, Add	*196.99*	
26 51 19 00-0054	EA	1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	432.61	42.50
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*116.08*	
		For Surface Mount, Add	*196.99*	
26 51 19 00-0055	EA	2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	335.67	36.48
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*101.46*	
		For Surface Mount, Add	*185.54*	
26 51 19 00-0056	EA	2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	316.26	36.48
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*101.46*	
		For Surface Mount, Add	*185.54*	
26 51 19 00-0057	EA	2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	377.14	42.50
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*118.83*	
		For Surface Mount, Add	*214.86*	
26 51 19 00-0058	EA	2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	389.99	42.50
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*118.83*	
		For Surface Mount, Add	*214.86*	
26 51 19 00-0059	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	389.99	42.50
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*118.83*	
		For Surface Mount, Add	*214.86*	
26 51 19 00-0060	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™) Note: CCT 30K to 50K	498.60	42.50
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*118.83*	
		For Surface Mount, Add	*214.86*	
26 51 19 00-0061	EA	2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	432.61	42.50
		For Expanded Size Junction Box For Through Wiring, Add	*3.85*	
		For Drywall Or Plaster Ceilings, Add	*118.83*	
		For Surface Mount, Add	*214.86*	
26 51 19 00-0062		Architectural, Lay-In/Troffer LED Fixtures (Metalux®) *(26 51 19 00-0045)* Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0063	EA	2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	330.00	36.48
26 51 19 00-0064	EA	2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	443.00	42.50
26 51 19 00-0065		Architectural, Lay-In/Troffer LED Fixtures (Finelite) *(26 51 19 00-0045)* Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0066	EA	2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	242.70	36.48
26 51 19 00-0067	EA	2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	326.10	42.86
26 51 19 00-0068		Shadow Box Style, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*		
26 51 19 00-0069		Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) *(26 51 19 00-0068)*		
26 51 19 00-0070	EA	2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2)	375.82	36.48
		For Drywall Or Plaster Ceilings, Add	*24.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0071	EA	2' x 4', 4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)	509.67	42.50
		For Drywall Or Plaster Ceilings, Add	*28.73*	
26 51 19 00-0072		Panel Type, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*		
26 51 19 00-0073		Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) *(26 51 19 00-0072)*		
26 51 19 00-0074	EA	1' x 4', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34)	264.12	42.50
26 51 19 00-0075	EA	2' x 2', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34)	273.72	42.50
26 51 19 00-0076	EA	2' x 4', 4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40)	337.28	42.50
26 51 19 00-0077	EA	2' x 4', 5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52)	337.28	42.50
26 51 19 00-0078		Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) *(26 51 19 00-0072)*		
26 51 19 00-0079	EA	1' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH)	148.22	42.50
		For Surface Mounting Kit (Sylvania SMKIT1A/14A/WH), Add	*31.52*	
26 51 19 00-0080	EA	2' x 2', 3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH)	152.33	42.50
26 51 19 00-0081	EA	2' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH)	154.21	42.50
		For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)	*39.40*	
26 51 19 00-0082	EA	2' x 4', 32 Watt, 3,300 Lumens, 3500K, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH)	331.78	42.50
26 51 19 00-0083		Surface Mount LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0084		Surface Mount, Volumetric LED Fixtures (Lithonia STL) *(26 51 19 00-0083)*		
26 51 19 00-0085	EA	2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2)	398.81	27.36
26 51 19 00-0086	EA	4' Length, 3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	307.87	33.38
26 51 19 00-0087	EA	4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	398.90	33.38
26 51 19 00-0088		Surface Mount, Wraparound LED Fixtures (Lithonia LBL) *(26 51 19 00-0083)*		
26 51 19 00-0089	EA	2' Length, 2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2)	167.90	27.36
26 51 19 00-0090	EA	4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4)	219.39	33.38
26 51 19 00-0091		Surface Mount, Shadow Box Style LED Fixtures *(26 51 19 00-0083)*		
26 51 19 00-0092		Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX) *(26 51 19 00-0091)*		
26 51 19 00-0093	EA	2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2)	477.77	36.48
26 51 19 00-0094	EA	2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4)	611.61	42.50
26 51 19 00-0095		Surface Mount, Low Profile Fixtures *(26 51 19 00-0083)*		
26 51 19 00-0096	EA	6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90)	75.99	24.97
26 51 19 00-0097	EA	6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569)	64.68	24.97
26 51 19 00-0098	EA	13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329)	99.73	24.97
26 51 19 00-0099	EA	15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330)	117.83	24.97
26 51 19 00-0100		Recessed LED Downlights *(26 51 19 00-0001)*		
26 51 19 00-0101		Recessed LED Downlights *(26 51 19 00-0100)*		
26 51 19 00-0102		Recessed LED Downlights (Lithonia) *(26 51 19 00-0101)*		
		Note: Includes housing and trim.		
26 51 19 00-0103	EA	1,200 Lumens, 8" Diameter, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	445.94	43.89
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*101.09*	
26 51 19 00-0104	EA	1,500 Lumens, 8" Diameter, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	488.90	43.89
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*101.09*	
26 51 19 00-0105		Recessed LED Downlights (Portfolio®) *(26 51 19 00-0101)*		
		Note: Includes housing and trim.		
26 51 19 00-0106	EA	1,300 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Portfolio® LD413)	263.22	43.89
26 51 19 00-0107		Recessed LED Downlights (Gotham® EVO®) *(26 51 19 00-0101)*		
		Note: Includes housing and trim.		
26 51 19 00-0108	EA	1,800 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED)	423.66	43.89
26 51 19 00-0109	EA	1,800 Lumens, 6" Diameter, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED)	440.18	43.89
26 51 19 00-0110	EA	1,800 Lumens, 6" Diameter, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	507.93	43.89
26 51 19 00-0111	EA	1,800 Lumens, 6" Diameter, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED)	514.56	43.89
26 51 19 00-0112	EA	1,800 Lumens, 6" Diameter, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	572.39	43.89
26 51 19 00-0113		Recessed LED Downlights (Lightolier) *(26 51 19 00-0101)*		
		Note: Includes housing and trim.		
26 51 19 00-0114	EA	500 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Lightolier C4L05DL)	364.50	43.89
26 51 19 00-0115	EA	1,000 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Lightolier C4L10DL)	424.38	43.89
26 51 19 00-0116	EA	1,500 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	454.26	43.89
26 51 19 00-0117	EA	2,000 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	454.26	43.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0118	EA	1,500 Lumens, 7" Diameter, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	469.26	43.89
26 51 19 00-0119	EA	2,000 Lumens, 7" Diameter, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	484.28	43.89
26 51 19 00-0120		**Recessed LED Downlights (Cooper)** *(26 51 19 00-0101)*		
26 51 19 00-0121	EA	2700K CCT, 600 Lumen, LED Downlight (Cooper Halo ML5606827)	133.04	43.89
26 51 19 00-0122	EA	3000K CCT, 600 Lumen, LED Downlight (Cooper Halo ML5606830)	133.04	43.89
26 51 19 00-0123	EA	3500K CCT, 600 Lumen, LED Downlight (Cooper Halo ML5606835)	133.04	43.89
26 51 19 00-0124	EA	4000K CCT, 600 Lumen, LED Downlight (Cooper Halo ML5606840)	133.04	43.89
26 51 19 00-0125	EA	2700K CCT, 900 Lumen, LED Downlight (Cooper Halo ML5609827)	135.54	43.89
26 51 19 00-0126	EA	3000K CCT, 900 Lumen, LED Downlight (Cooper Halo ML5609830)	135.54	43.89
26 51 19 00-0127	EA	3500K CCT, 900 Lumen, LED Downlight (Cooper Halo ML5609835)	135.54	43.89
26 51 19 00-0128	EA	4000K CCT, 900 Lumen, LED Downlight (Cooper Halo ML5609840)	135.54	43.89
26 51 19 00-0129	EA	2700K CCT, 1,200 Lumen, LED Downlight (Cooper Halo ML5612827)	169.47	43.89
26 51 19 00-0130	EA	3000K CCT, 1,200 Lumen, LED Downlight (Cooper Halo ML5612830)	167.75	43.89
26 51 19 00-0131	EA	3500K CCT, 1,200 Lumen, LED Downlight (Cooper Halo ML5612835)	167.75	43.89
26 51 19 00-0132	EA	4000K CCT, 1,200 Lumen, LED Downlight (Cooper Halo ML5612840)	167.75	43.89
26 51 19 00-0133	EA	5" LED Trim, Polymer “Dead-Front”, Shallow White Baffle And Flange (Cooper Halo 591WB)	81.33	13.97
26 51 19 00-0134	EA	5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC)	50.27	13.97
26 51 19 00-0135	EA	5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H)	63.64	13.97
26 51 19 00-0136	EA	5" LED Trim, White Reflector And Flange (Cooper Halo 592W)	52.96	13.97
26 51 19 00-0137	EA	5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB)	42.04	13.97
26 51 19 00-0138	EA	5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB)	52.49	13.97
26 51 19 00-0139	EA	5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB)	58.84	13.97
26 51 19 00-0140	EA	5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB)	64.51	13.97
26 51 19 00-0141	EA	5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB)	75.58	13.97
26 51 19 00-0142	EA	5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB)	75.93	13.97
26 51 19 00-0143	EA	5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB)	74.34	13.97
26 51 19 00-0144	EA	5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW)	92.50	13.97
26 51 19 00-0145	EA	5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB)	42.43	13.97
26 51 19 00-0146	EA	6" LED Trim, Polymer “Dead-Front”, White Shallow Baffle And Flange (Cooper Halo 691WB)	78.68	13.97
26 51 19 00-0147	EA	6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC)	66.45	13.97
26 51 19 00-0148	EA	6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H)	62.16	13.97
26 51 19 00-0149	EA	6" LED Trim, White Reflector And Flange (Cooper Halo 692W)	55.10	13.97
26 51 19 00-0150	EA	6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB)	55.61	13.97
26 51 19 00-0151	EA	6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB)	60.14	13.97
26 51 19 00-0152	EA	6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB)	54.82	13.97
26 51 19 00-0153	EA	6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB)	69.29	13.97
26 51 19 00-0154	EA	6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB)	75.39	13.97
26 51 19 00-0155	EA	6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB)	95.68	13.97
26 51 19 00-0156	EA	6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB)	93.13	13.97
26 51 19 00-0157	EA	6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695WW)	94.26	13.97
26 51 19 00-0158	EA	6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB)	56.22	13.97
26 51 19 00-0159	EA	6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT)	50.34	29.93
26 51 19 00-0160	EA	6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT)	55.30	29.93
26 51 19 00-0161	EA	6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T)	53.31	29.93
26 51 19 00-0162	EA	6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP)	72.89	29.93
26 51 19 00-0163	EA	6” LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT)	70.59	29.93
26 51 19 00-0164	EA	6” Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT)	55.98	29.93
26 51 19 00-0165	EA	6” Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT)	59.33	29.93
26 51 19 00-0166	EA	6” Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT)	55.28	29.93
26 51 19 00-0167	EA	6” Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT)	58.95	29.93
26 51 19 00-0168	EA	6” Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB)	55.89	29.93
26 51 19 00-0169	EA	6” Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB)	55.55	29.93
26 51 19 00-0170	EA	6” Non-IC, New Construction Housing (Cooper Halo H7T)	58.19	29.93
26 51 19 00-0171	EA	6” Non-IC, Remodel Housing (Cooper Halo H7RT)	59.63	29.93
26 51 19 00-0172	EA	6” Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB)	60.08	29.93
26 51 19 00-0173	EA	6” Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP)	82.26	29.93
26 51 19 00-0174	EA	6” Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICT)	76.69	29.93
26 51 19 00-0175	EA	6” Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT)	77.34	29.93
26 51 19 00-0176	EA	6” Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT)	81.06	29.93
26 51 19 00-0177	EA	6” Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT)	81.06	29.93
26 51 19 00-0178	EA	6” Insulated Ceiling, New Construction Housing (Cooper Halo EI700)	81.06	29.93
26 51 19 00-0179	EA	6” Insulated Ceiling, Remodel Housing (Cooper Halo EI700R)	81.06	29.93
26 51 19 00-0180	EA	6” Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB)	81.06	29.93
26 51 19 00-0181	EA	6” Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB)	71.33	29.93
26 51 19 00-0182	EA	6” Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U)	71.33	29.93
26 51 19 00-0183	EA	6” Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT)	71.33	29.93
26 51 19 00-0184	EA	6” Non-IC, New Construction Housing (Cooper Halo ET700)	71.33	29.93
26 51 19 00-0185	EA	6” Non-IC, Remodel Housing (Cooper Halo ET700R)	71.33	29.93
26 51 19 00-0186	EA	6” Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT)	72.04	29.93
26 51 19 00-0187	EA	6” Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT)	82.97	29.93
26 51 19 00-0188	EA	6” Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT)	72.04	29.93
26 51 19 00-0189	EA	6” Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT)	79.88	29.93
26 51 19 00-0190	EA	6” Shallow, Non-IC, New Construction Housing (Cooper Halo H27T)	67.60	29.93
26 51 19 00-0191	EA	6” Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT)	68.68	29.93
26 51 19 00-0192	EA	6” Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT)	76.33	29.93
26 51 19 00-0193	EA	6” Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700)	76.33	29.93
26 51 19 00-0194	EA	6” Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R)	76.33	29.93
26 51 19 00-0195	EA	6” Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700)	76.33	29.93
26 51 19 00-0196	EA	6” Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R)	76.33	29.93
26 51 19 00-0197	EA	6” Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK)	64.29	13.97
26 51 19 00-0198	EA	6” Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK)	66.51	13.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0199	EA	5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT)	62.77	29.93
26 51 19 00-0200	EA	5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT)	63.04	29.93
26 51 19 00-0201	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT)	58.43	29.93
26 51 19 00-0202	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT)	60.69	29.93
26 51 19 00-0203	EA	5" Non-IC, New Construction Housing (Cooper Halo H5T)	59.95	29.93
26 51 19 00-0204	EA	5" Non-IC, Remodel Housing (Cooper Halo H5RT)	60.64	29.93
26 51 19 00-0205	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT)	70.36	29.93
26 51 19 00-0206	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT)	70.88	29.93
26 51 19 00-0207	EA	5" Non-IC, New Construction Housing (Cooper Halo ET500)	73.49	29.93
26 51 19 00-0208	EA	5" Non-IC, Remodel Housing (Cooper Halo ET500R)	75.33	29.93
26 51 19 00-0209	EA	5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT)	83.37	29.93
26 51 19 00-0210		**Recessed LED Downlights (Maxlite)** *(26 51 19 00-0101)*		
26 51 19 00-0211	EA	1,000 Lumens, 4" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR410)	120.35	43.89
26 51 19 00-0212	EA	1,500 Lumens, 4" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR415)	121.75	43.89
26 51 19 00-0213	EA	2,000 Lumens, 4" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR420)	125.95	43.89
26 51 19 00-0214	EA	1,500 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR615)	117.55	43.89
26 51 19 00-0215	EA	2,000 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR620)	117.55	43.89
26 51 19 00-0216	EA	3,000 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR630)	117.55	43.89
26 51 19 00-0217	EA	1,000 Lumens, 8" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR810)	125.95	43.89
26 51 19 00-0218	EA	1,500 Lumens, 8" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR815)	127.34	43.89
26 51 19 00-0219	EA	2,000 Lumens, 8" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR820)	130.14	43.89
26 51 19 00-0220	EA	3,000 Lumens, 8" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR830)	138.52	43.89
26 51 19 00-0221	EA	5,000 Lumens, 8" Diameter, Recessed LED Downlight Retrofit (MaxLite DLR850)	149.71	43.89
26 51 19 00-0222		**Recessed LED Downlight Retrofits And Trim (CREE®)** *(26 51 19 00-0100)*		
26 51 19 00-0223		**Recessed LED Downlight Retrofits (CREE®)** *(26 51 19 00-0222)*		
		Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.		
26 51 19 00-0224	EA	4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L)	64.83	
26 51 19 00-0225	EA	6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L)	55.13	
26 51 19 00-0226	EA	6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L)	74.54	
26 51 19 00-0227	EA	6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277)	85.85	
26 51 19 00-0228	EA	6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	95.56	
26 51 19 00-0229		**Recessed LED Downlight Retrofits Trim (CREE®)** *(26 51 19 00-0222)*		
		Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.		
26 51 19 00-0230	EA	6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	31.13	6.98
26 51 19 00-0231	EA	6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP)	37.60	6.98
26 51 19 00-0232	EA	6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	32.75	6.98
26 51 19 00-0233		**Recessed LED Downlight Fixture Housings (CREE®)** *(26 51 19 00-0222)*		
		Note: Excludes lamp and trim.		
26 51 19 00-0234	EA	6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	83.70	29.93
26 51 19 00-0235	EA	6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6)	61.05	29.93
26 51 19 00-0236		**Can Retrofit Or Surface Mount, LED Downlights** *(26 51 19 00-0100)*		
26 51 19 00-0237	EA	6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	105.64	27.36
26 51 19 00-0238	EA	4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative 01-811-D)	80.54	27.36
26 51 19 00-0239	EA	6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative 01-808-D)	80.54	27.36
26 51 19 00-0240	EA	6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP)	90.85	27.36
		For Recessed IC/Non-IC Rated Housing For New Construction, Add	*34.75*	
26 51 19 00-0241	EA	4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840)	51.53	27.36
26 51 19 00-0242	EA	5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840)	55.75	27.36
26 51 19 00-0243	EA	6" Diameter, 10 Watt, 800 Lumens, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM)	535.33	27.36
26 51 19 00-0244		**Wall Mount LED Cylinder Downlight** *(26 51 19 00-0001)*		
26 51 19 00-0245	EA	2,200 Lumens, 9" Diameter, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9)	590.24	42.50
26 51 19 00-0246		**Wall Sconce And Wall Wash LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0247		**LED Wall Sconce Fixtures (Hudson Valley Lighting)** *(26 51 19 00-0246)*		
26 51 19 00-0248	EA	2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN)	318.05	39.90
26 51 19 00-0249		**LED Wall Sconce Fixtures (Kichler)** *(26 51 19 00-0246)*		
26 51 19 00-0250	EA	6" High x 11.75" Wide x 3.5" Deep, 15 Watt, 900 Lumens, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED)	184.87	39.90
26 51 19 00-0251		**LED Wall Sconce Fixtures (Metalux)** *(26 51 19 00-0246)*		
26 51 19 00-0252	EA	9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt LED, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNTS071009L30ENBN)	109.42	39.90
26 51 19 00-0253	EA	5" LED, Cape Sconce Wall Light, White (AFX CAPW050804L30ENWH)	103.23	39.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0254		Concealed Continuous LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0255		Concealed Continuous LED Fixtures (Fraqtir™ S301) *(26 51 19 00-0254)*		
26 51 19 00-0256	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	411.38	4.56
26 51 19 00-0257	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	468.66	4.56
26 51 19 00-0258		Low Bay LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0259		LED Linear Low Bay Fixtures (PlanLED) *(26 51 19 00-0258)*		
26 51 19 00-0260	EA	4' Length, 23 System Watts, LED Linear Low Bay Fixture (PlanLED A1W4)	236.32	54.72
26 51 19 00-0261	EA	4' Length, 42 System Watts, LED Linear Low Bay Fixture (PlanLED A2W4A)	311.30	54.72
26 51 19 00-0262	EA	8' Length, 84 System Watts, LED Linear Low Bay Fixture (PlanLED A2W5A)	507.04	68.40
26 51 19 00-0263		LED Linear Low Bay Fixtures (CREE® CS) *(26 51 19 00-0258)* Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 19 00-0264	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	535.49	54.72
26 51 19 00-0265	EA	7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	666.65	68.40
26 51 19 00-0266	EA	8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	846.18	68.40
26 51 19 00-0267		LED Linear Low Bay Fixtures (Lithonia MSL) *(26 51 19 00-0258)* Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 19 00-0268	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	583.28	54.72
26 51 19 00-0269		High Bay LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0270		LED High Bay Fixtures (Lithonia IBL) *(26 51 19 00-0269)* Note: Includes aluminum alloy chassis.		
26 51 19 00-0271	EA	9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	689.25	100.31
26 51 19 00-0272	EA	12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	757.98	100.31
26 51 19 00-0273	EA	18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	943.58	100.31
26 51 19 00-0274	EA	24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	1,017.81	100.31
26 51 19 00-0275		LED High Bay Fixtures (PlanLED) *(26 51 19 00-0269)*		
26 51 19 00-0276		LED High Bay Fixtures (PlanLED LUNA) *(26 51 19 00-0275)* Note: Includes aluminum alloy chassis.		
26 51 19 00-0277	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	597.31	100.31
26 51 19 00-0278	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	665.04	100.31
26 51 19 00-0279	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	763.00	100.31
26 51 19 00-0280	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	858.54	100.31
26 51 19 00-0281		LED High Bay Fixtures (PlanLED IBL) *(26 51 19 00-0275)* Note: Includes aluminum alloy chassis.		
26 51 19 00-0282	EA	13,650 Lumens, 130 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)	645.69	100.31
		For 480 Volt, Add	*33.47*	
26 51 19 00-0283	EA	21,000 Lumens, 200 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)	881.52	100.31
		For 480 Volt, Add	*42.30*	
26 51 19 00-0284	EA	42,000 Lumens, 400 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)	1,530.96	100.31
		For 480 Volt, Add	*66.87*	
26 51 19 00-0285		LED High Bay Fixtures (PlanLED SEGA) *(26 51 19 00-0275)* Note: Includes aluminum alloy chassis.		
26 51 19 00-0286	EA	10,400 Lumens, 80 System Watts, LED High Bay Fixture (PlanLED SEGA SE080)	518.70	100.31
		For 0 To 10 Volt Dimming, Add	*51.82*	
26 51 19 00-0287	EA	13,000 Lumens, 100 System Watts, LED High Bay Fixture (PlanLED SEGA SE100)	551.35	100.31
		For 0 To 10 Volt Dimming, Add	*51.82*	
26 51 19 00-0288	EA	16,900 Lumens, 130 System Watts, LED High Bay Fixture (PlanLED SEGA SE130)	663.83	100.31
		For 0 To 10 Volt Dimming, Add	*51.82*	
26 51 19 00-0289	EA	20,800 Lumens, 160 System Watts, LED High Bay Fixture (PlanLED SEGA SE160)	744.86	100.31
		For 0 To 10 Volt Dimming, Add	*51.82*	
26 51 19 00-0290	EA	50,000 Lumens, 400 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE400)	1,342.29	100.31
26 51 19 00-0291	EA	57,040 Lumens, 500 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE500)	1,448.72	100.31
26 51 19 00-0292	EA	80,000 Lumens, 640 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE640)	2,179.49	100.31
26 51 19 00-0293		Wet/Hazardous Location, LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0294		Wet Location, LED Fixtures *(26 51 19 00-0293)*		
26 51 19 00-0295		Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) *(26 51 19 00-0294)* Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0296	EA	29 System Watts, 3,531 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	1,750.38	76.60
		For Ceiling Mount, Add	*15.15*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Stanchion Mount, Add	*103.37*	
		For Wall Mount, Add	*114.42*	
		For Polycarbonate Lens, Add	*88.80*	
		For Teflon Coated Lens, Add	*101.69*	
		For 480 Volt, Add	*145.27*	
26 51 19 00-0297	EA	43 System Watts, 5,335 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	1,785.11	82.08
		For Ceiling Mount, Add	*15.15*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Stanchion Mount, Add	*103.37*	
		For Wall Mount, Add	*114.42*	
		For Polycarbonate Lens, Add	*88.80*	
		For Teflon Coated Lens, Add	*101.69*	
		For 480 Volt, Add	*145.27*	
26 51 19 00-0298	EA	62 System Watts, 7,195 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	2,014.69	87.55
		For Ceiling Mount, Add	*15.15*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Stanchion Mount, Add	*103.37*	
		For Wall Mount, Add	*114.42*	
		For Polycarbonate Lens, Add	*88.80*	
		For Teflon Coated Lens, Add	*101.69*	
		For 480 Volt, Add	*145.27*	
26 51 19 00-0299	EA	85 System Watts, 9,266 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L)	2,423.09	93.02
		For Ceiling Mount, Add	*15.15*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Stanchion Mount, Add	*103.37*	
		For Wall Mount, Add	*114.42*	
		For Polycarbonate Lens, Add	*88.80*	
		For Teflon Coated Lens, Add	*101.69*	
		For 480 Volt, Add	*145.27*	
26 51 19 00-0300	EA	113 System Watts, 11,440 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	3,086.94	98.49
		For Ceiling Mount, Add	*15.15*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Stanchion Mount, Add	*103.37*	
		For Wall Mount, Add	*114.42*	
		For Polycarbonate Lens, Add	*88.80*	
		For Teflon Coated Lens, Add	*101.69*	
		For 480 Volt, Add	*145.27*	
26 51 19 00-0301	EA	131 System Watts, 13,226 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	4,057.00	101.23
		For Ceiling Mount, Add	*15.15*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Stanchion Mount, Add	*103.37*	
		For Wall Mount, Add	*114.42*	
		For Polycarbonate Lens, Add	*88.80*	
		For Teflon Coated Lens, Add	*101.69*	
		For 480 Volt, Add	*145.27*	
26 51 19 00-0302	EA	168 System Watts, 18,793 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L)	4,696.48	103.96
		For Ceiling Mount, Add	*15.15*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Stanchion Mount, Add	*103.37*	
		For Wall Mount, Add	*114.42*	
		For Polycarbonate Lens, Add	*88.80*	
		For Teflon Coated Lens, Add	*101.69*	
		For 480 Volt, Add	*145.27*	

26 51 19 00-0303 Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) *(26 51 19 00-0294)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0304	EA	45 System Watts, 5,183 Lumens, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L)	1,579.82	82.08
		For Bolt-On Visor, Add	*82.49*	
		For Bolt-On Wire Guard, Add	*169.67*	
		For 480 Volt, Add	*145.27*	
		For Warm White Color Rendering, Add	*61.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0305	EA	62 System Watts, 7,095 Lumens, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L)	2,325.75	87.55
		For Bolt-On Visor, Add	*82.49*	
		For Bolt-On Wire Guard, Add	*169.67*	
		For 480 Volt, Add	*145.27*	
		For Warm White Color Rendering, Add	*61.68*	
26 51 19 00-0306	EA	79 System Watts, 9,132 Lumens, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L)	2,563.87	93.02
		For Bolt-On Visor, Add	*82.49*	
		For Bolt-On Wire Guard, Add	*169.67*	
		For 480 Volt, Add	*145.27*	
		For Warm White Color Rendering, Add	*61.68*	
26 51 19 00-0307	EA	99 System Watts, 11,107 Lumens, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L)	2,942.32	98.49
		For Bolt-On Visor, Add	*82.49*	
		For Bolt-On Wire Guard, Add	*169.67*	
		For 480 Volt, Add	*145.27*	
		For Warm White Color Rendering, Add	*61.68*	

26 51 19 00-0308 Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) *(26 51 19 00-0294)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0309	EA	25 System Watts, 1,400 Lumens, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC)	1,098.93	76.60
		For 12/24 Volt DC Driver, Add	*23.44*	
		For Frosted Lens, Add	*47.91*	
		For 55 Degree Ambient Suitability (AC Only), Add	*31.92*	
		For Warm White Color Rendering, Add	*61.68*	
		For Ceiling Mount, Add	*72.84*	
		For Wall Mount, Add	*105.63*	
		For Teflon Coated Lens, Add	*101.69*	
		For Wall Mount With Junction Box, Add	*153.45*	

26 51 19 00-0310 Class I Division 2, Hazardous Location, LED Fixtures *(26 51 19 00-0293)*

26 51 19 00-0311 Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) *(26 51 19 00-0310)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0312	EA	45 System Watts, 5,183 Lumens, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L)	2,146.71	82.08
		For Bolt-On Visor, Add	*82.49*	
		For Bolt-On Wire Guard, Add	*169.67*	
		For 480 Volt, Add	*145.27*	
		For Warm White Color Rendering, Add	*61.68*	
26 51 19 00-0313	EA	62 System Watts, 7,095 Lumens, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L)	2,631.00	87.55
		For Bolt-On Visor, Add	*82.49*	
		For Bolt-On Wire Guard, Add	*169.67*	
		For 480 Volt, Add	*145.27*	
		For Warm White Color Rendering, Add	*61.68*	
26 51 19 00-0314	EA	79 System Watts, 9,132 Lumens, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L)	2,972.78	93.02
		For Bolt-On Visor, Add	*82.49*	
		For Bolt-On Wire Guard, Add	*169.67*	
		For 480 Volt, Add	*145.27*	
		For Warm White Color Rendering, Add	*61.68*	
26 51 19 00-0315	EA	99 System Watts, 11,107 Lumens, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L)	3,324.04	98.49
		For Bolt-On Visor, Add	*82.49*	
		For Bolt-On Wire Guard, Add	*169.67*	
		For 480 Volt, Add	*145.27*	
		For Warm White Color Rendering, Add	*61.68*	

26 51 19 00-0316 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) *(26 51 19 00-0310)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0317	EA	25 System Watts, 1,600 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC)	1,265.70	76.60
		For 12/24 Volt DC Driver, Add	*23.44*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Temperature LEDs, Add	*61.68*	
		For 55 Degree Ambient Suitability (AC Only) Option, Add	*31.92*	
		For Stanchion Mount, Add	*197.64*	
		For Ceiling Mount, Add	*79.25*	
		For Wall Mount, Add	*115.69*	
		For Teflon Coated Lens, Add	*101.69*	
		For Wall Mount With Junction Box, Add	*168.92*	

26 51 19 00-0318 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) *(26 51 19 00-0310)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0319	EA	47 System Watts, 3,240 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L)	2,017.29	76.60
		For Ceiling Mount, Add	*15.17*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Polycarbonate Lens, Add	*88.80*	
		For 480 Volt, Add	*145.27*	
26 51 19 00-0320	EA	63 System Watts, 3,778 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L)	2,235.15	82.08
		For Ceiling Mount, Add	*15.17*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Polycarbonate Lens, Add	*88.80*	
		For 480 Volt, Add	*145.27*	
26 51 19 00-0321	EA	98 System Watts, 6,340 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L)	2,505.38	87.55
		For Ceiling Mount, Add	*15.17*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Polycarbonate Lens, Add	*88.80*	
		For 480 Volt, Add	*145.27*	
26 51 19 00-0322	EA	98 System Watts, 6,340 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	3,266.91	93.02
		For Ceiling Mount, Add	*15.17*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Polycarbonate Lens, Add	*88.80*	
		For 480 Volt, Add	*145.27*	
26 51 19 00-0323	EA	137 System Watts, 9,720 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L)	3,749.46	98.49
		For Ceiling Mount, Add	*15.17*	
		For Quick Clip Mounting Option, Add	*22.28*	
		For Frosted Lens, Add	*47.91*	
		For Warm White Color Rendering, Add	*61.68*	
		For Polycarbonate Lens, Add	*88.80*	
		For 480 Volt, Add	*145.27*	

26 51 19 00-0324 Class I Division 1, Explosion Proof, LED Fixtures *(26 51 19 00-0293)*

26 51 19 00-0325 Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) *(26 51 19 00-0324)*

Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0326	EA	80 System Watts, 5,625 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L)	2,864.30	82.08
		For Wall Mount, Deduct	*-10.91*	
		For Warm Color Temperature LEDs, Add	*58.74*	
		For Stainless Steel Guard, Add	*105.44*	
		For Ceiling Mount, Add	*127.19*	
		For Stanchion Mount, Add	*148.03*	
		For Yoke Mount, Add	*370.08*	
26 51 19 00-0327	EA	100 System Watts, 6,750 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L)	3,481.44	87.55
		For Wall Mount, Deduct	*-10.91*	
		For Warm Color Temperature LEDs, Add	*58.74*	
		For Stainless Steel Guard, Add	*105.44*	
		For Ceiling Mount, Add	*127.19*	
		For Stanchion Mount, Add	*148.03*	
		For Yoke Mount, Add	*370.08*	
26 51 19 00-0328	EA	130 System Watts, 9,000 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L)	4,043.38	93.02
		For Wall Mount, Deduct	*-10.91*	
		For Warm Color Temperature LEDs, Add	*58.74*	
		For Stainless Steel Guard, Add	*105.44*	
		For Ceiling Mount, Add	*127.19*	
		For Stanchion Mount, Add	*148.03*	
		For Yoke Mount, Add	*370.08*	
26 51 19 00-0329	EA	151 System Watts, 10,500 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L)	4,615.64	98.49
		For Wall Mount, Deduct	*-10.91*	
		For Warm Color Temperature LEDs, Add	*58.74*	
		For Stainless Steel Guard, Add	*105.44*	
		For Ceiling Mount, Add	*127.19*	
		For Stanchion Mount, Add	*148.03*	
		For Yoke Mount, Add	*370.08*	
26 51 19 00-0330	EA	175 System Watts, 13,500 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L)	5,347.06	94.84
		For Wall Mount, Deduct	*-10.91*	
		For Warm Color Temperature LEDs, Add	*58.74*	
		For Stainless Steel Guard, Add	*105.44*	
		For Ceiling Mount, Add	*127.19*	
		For Stanchion Mount, Add	*148.03*	
		For Yoke Mount, Add	*370.08*	

26 51 19 00-0331 Ceiling Mounted LED Fixtures *(26 51 19 00-0001)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0332		**Ceiling Mounted, LED Drum Fixtures (Enertron)** *(26 51 19 00-0331)*		
26 51 19 00-0333	EA	7 Watts, 11" Diameter, 530 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30)	123.67	36.48
26 51 19 00-0334	EA	10 Watts 11" Diameter, 1060 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30)	130.52	36.48
26 51 19 00-0335	EA	14 Watts 11" Diameter, 1590 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30)	137.36	36.48
26 51 19 00-0336	EA	17 Watts 11" Diameter, 2120 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30)	144.20	36.48
26 51 19 00-0337	EA	7 Watts, 14" Diameter, 530 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30)	136.23	40.13
26 51 19 00-0338	EA	10 Watts, 14" Diameter, 1060 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30)	143.08	40.13
26 51 19 00-0339	EA	14 Watts, 14" Diameter, 1590 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30)	149.92	40.13
26 51 19 00-0340	EA	17 Watts, 14" Diameter, 2120 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30)	156.77	40.13
26 51 19 00-0341	EA	24 Watts, 14" Diameter, 3180 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	170.46	40.13
26 51 19 00-0342	EA	7 Watts, 11" Diameter, 530 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35)	123.67	36.48
26 51 19 00-0343	EA	10 Watts, 11" Diameter, 1060 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35)	130.51	36.48
26 51 19 00-0344	EA	14 Watts, 11" Diameter, 1590 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35)	137.36	36.48
26 51 19 00-0345	EA	17 Watts, 11" Diameter, 2120 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35)	144.20	36.48
26 51 19 00-0346	EA	7 Watts, 14" Diameter, 530 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35)	136.23	40.13
26 51 19 00-0347	EA	10 Watts, 14" Diameter, 1060 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35)	143.08	40.13
26 51 19 00-0348	EA	14 Watts, 14" Diameter, 1590 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35)	149.92	40.13
26 51 19 00-0349	EA	17 Watts, 14" Diameter, 2120 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35)	156.77	40.13
26 51 19 00-0350	EA	24 Watts, 14" Diameter, 3180 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	170.46	40.13
26 51 19 00-0351	EA	7 Watts, 11" Diameter, 550 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40)	123.67	36.48
26 51 19 00-0352	EA	10 Watts, 11" Diameter, 1100 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40)	130.51	36.48
26 51 19 00-0353	EA	14 Watts, 11" Diameter, 1650 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40)	137.36	36.48
26 51 19 00-0354	EA	17 Watts, 11" Diameter, 2200 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40)	144.20	36.48
26 51 19 00-0355	EA	7 Watts, 14" Diameter, 550 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	136.23	40.13
26 51 19 00-0356	EA	10 Watts, 14" Diameter, 1100 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	143.08	40.13
26 51 19 00-0357	EA	14 Watts, 14" Diameter, 1650 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	149.92	40.13
26 51 19 00-0358	EA	17 Watts, 14" Diameter, 2200 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	156.77	40.13
26 51 19 00-0359	EA	24 Watts, 14" Diameter, 3300 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	170.46	40.13
26 51 19 00-0360	EA	7 Watts, 11" Diameter, 560 Lumens, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50)	123.67	36.48
26 51 19 00-0361	EA	10 Watts, 11" Diameter, 1120 Lumens, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50)	130.51	36.48
26 51 19 00-0362	EA	14 Watts, 11" Diameter, 1680 Lumens, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50)	137.36	36.48
26 51 19 00-0363	EA	17 Watts, 11" Diameter, 2240 Lumens, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50)	144.20	36.48
26 51 19 00-0364	EA	7 Watts, 14" Diameter, 560 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	136.23	40.13
26 51 19 00-0365	EA	10 Watts, 14" Diameter, 1120 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	143.08	40.13
26 51 19 00-0366	EA	14 Watts, 14" Diameter, 1680 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	149.92	40.13
26 51 19 00-0367	EA	17 Watts, 14" Diameter, 2240 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	156.77	40.13
26 51 19 00-0368	EA	24 Watts, 14" Diameter, 3360 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	170.46	40.13
26 51 19 00-0369	EA	10 Watts, 19" Diameter, 1060 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30)	174.62	43.31
26 51 19 00-0370	EA	17 Watts, 19" Diameter, 2120 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30)	190.18	43.31
26 51 19 00-0371	EA	17 Watts, 19" Diameter, 2120 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30)	186.38	43.31
26 51 19 00-0372	EA	18 Watts, 19" Diameter, 1910 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30)	186.32	43.31
26 51 19 00-0373	EA	24 Watts, 19" Diameter, 3180 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	203.87	43.31
26 51 19 00-0374	EA	25 Watts, 19" Diameter, 3160 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	198.20	43.31
26 51 19 00-0375	EA	31 Watts, 19 " Diameter, 4240 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	221.91	43.31
26 51 19 00-0376	EA	32 Watts, 19" Diameter, 3820 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30)	214.20	43.31
26 51 19 00-0377	EA	32 Watts, 19" Diameter, 4240 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30)	214.26	43.31
26 51 19 00-0378	EA	10 Watts, 19" Diameter, 1060 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35)	174.62	43.31
26 51 19 00-0379	EA	17 Watts, 19" Diameter, 2120 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35)	190.18	43.31
26 51 19 00-0380	EA	17 Watts, 19" Diameter, 2120 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	186.38	43.31
26 51 19 00-0381	EA	18 Watts, 19" Diameter, 1910 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35)	186.32	43.31
26 51 19 00-0382	EA	24 Watts, 19" Diameter, 3180 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	203.87	43.31
26 51 19 00-0383	EA	25 Watts, 19" Diameter, 3160 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	198.20	43.31
26 51 19 00-0384	EA	31 Watts, 19 " Diameter, 4240 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	221.91	43.31
26 51 19 00-0385	EA	32 Watts, 19" Diameter, 3820 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35)	214.20	43.31
26 51 19 00-0386	EA	32 Watts, 19" Diameter, 4240 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35)	214.26	43.31
26 51 19 00-0387	EA	10 Watts, 19" Diameter, 1100 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40)	174.62	43.31
26 51 19 00-0388	EA	17 Watts, 19" Diameter, 2120 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	190.18	43.31
26 51 19 00-0389	EA	17 Watts, 19" Diameter, 2120 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	186.38	43.31
26 51 19 00-0390	EA	18 Watts, 19" Diameter, 2000 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40)	186.32	43.31
26 51 19 00-0391	EA	24 Watts, 19" Diameter, 3180 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	203.87	43.31
26 51 19 00-0392	EA	25 Watts, 19" Diameter, 3160 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	198.20	43.31
26 51 19 00-0393	EA	31 Watts, 19 " Diameter, 4240 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	221.91	43.31
26 51 19 00-0394	EA	32 Watts, 19" Diameter, 4000 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40)	214.20	43.31
26 51 19 00-0395	EA	32 Watts, 19" Diameter, 4400 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40)	214.26	43.31
26 51 19 00-0396	EA	10 Watts, 19" Diameter, 1120 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50)	174.62	43.31
26 51 19 00-0397	EA	17 Watts, 19" Diameter, 2120 Lumens, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	190.18	43.31
26 51 19 00-0398	EA	17 Watts, 19" Diameter, 2240 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50)	186.38	43.31
26 51 19 00-0399	EA	18 Watts, 19" Diameter, 2010 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50)	186.32	43.31
26 51 19 00-0400	EA	24 Watts, 19" Diameter, 3180 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	203.87	43.31
26 51 19 00-0401	EA	25 Watts, 19" Diameter, 3160 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	198.20	43.31
26 51 19 00-0402	EA	31 Watts, 19 " Diameter, 4240 Lumens, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	221.91	43.31
26 51 19 00-0403	EA	32 Watts, 19" Diameter, 4020 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50)	214.20	43.31
26 51 19 00-0404	EA	32 Watts, 19" Diameter, 4480 Lumens, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50)	214.26	43.31
26 51 19 00-0405		**Ceiling Mounted, LED Mushroom Fixtures (Mobern)** *(26 51 19 00-0331)*		
26 51 19 00-0406	EA	14" Diameter, 800 Lumens, 12 Watt, LED Ceiling Fixture (Mobern 6814LED12MV30)	126.29	40.13
26 51 19 00-0407		**Ceiling Mounted, LED Fixtures (Sylvania)** *(26 51 19 00-0331)*		
26 51 19 00-0408	EA	12.5" x 12.5" x 2.32" Deep, 4,200 Lumens, 35 Watt, LED Garage Light Fixture (Sylvania GARAG1/035UNVD740/G5/SV/D)	421.98	43.31
26 51 19 00-0409	EA	2' x 2', 32 Watt, 120-277 Volt, 4000K, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/22G/WH + SMKIT1A/24A/WH)	171.33	36.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0410	EA	2' x 4', 32 Watt, 120-277 Volt, 3500K, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD835/24G/WH + SMKIT1A/24A/WH)	211.98	42.50
26 51 19 00-0411	EA	2' x 4', 32 Watt, 120-277 Volt, 4000K, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/24G/WH + SMKIT1A/24A/WH)	214.25	42.50
26 51 19 00-0412		Refrigeration/Display LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0413		Refrigeration/Display LED Fixtures (Lithonia) *(26 51 19 00-0412)* Note: Fixtures exclude driver.		
26 51 19 00-0414	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM)	324.00	42.50
26 51 19 00-0415	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	409.90	75.23
26 51 19 00-0416	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	401.89	60.19
26 51 19 00-0417		Pendant Mount, LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0418		Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) *(26 51 19 00-0417)*		
26 51 19 00-0419	EA	2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S)	1,528.26	93.02
26 51 19 00-0420	EA	3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S)	2,288.16	98.49
26 51 19 00-0421	EA	4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S)	2,911.85	103.96
26 51 19 00-0422	EA	5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S)	3,671.75	109.43
26 51 19 00-0423	EA	2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S)	1,618.31	93.02
26 51 19 00-0424	EA	3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S)	2,407.47	98.49
26 51 19 00-0425	EA	4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S)	3,032.29	103.96
26 51 19 00-0426	EA	5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S)	3,806.82	109.43
26 51 19 00-0427		Pendant Mount, LED Commercial Fixtures (DMF) *(26 51 19 00-0417)*		
26 51 19 00-0428	EA	3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED)	601.09	54.72
26 51 19 00-0429		LED Track Lighting Fixtures *(26 51 19)*		
26 51 19 00-0430	EA	19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	256.49	16.66
26 51 19 00-0431	EA	18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED)	458.14	16.66
26 51 19 00-0432	EA	24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	264.15	16.66
26 51 23		**HID Interior Lighting** *(26 51)*		
26 51 23 00-0001		Large Interior Area Fixtures *(26 51 23)*		
26 51 23 00-0002		Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)* Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.		
26 51 23 00-0003		High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*		
26 51 23 00-0004	EA	150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	320.86	106.34
26 51 23 00-0005	EA	250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	335.15	112.92
26 51 23 00-0006	EA	400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	355.60	128.88
26 51 23 00-0007		Metal Halide, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*		
26 51 23 00-0008	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	325.81	106.34
26 51 23 00-0009	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	337.26	112.92
26 51 23 00-0010	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	362.74	128.88
26 51 23 00-0011		Low Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)* Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.		
26 51 23 00-0012		High Pressure Sodium, Low Bay Fixtures *(26 51 23 00-0011)*		
26 51 23 00-0013	EA	150 Watt High Pressure Sodium, Low Bay Fixture	332.53	97.22
26 51 23 00-0014	EA	250 Watt High Pressure Sodium, Low Bay Fixture	342.76	103.23
26 51 23 00-0015	EA	400 Watt High Pressure Sodium, Low Bay Fixture	366.14	117.82
26 51 23 00-0016		Metal Halide, Low Bay Fixtures *(26 51 23 00-0011)*		
26 51 23 00-0017	EA	175 Watt Metal Halide, Low Bay Fixture	329.48	97.22
26 51 23 00-0018	EA	250 Watt Metal Halide, Low Bay Fixture	339.27	103.23
26 51 23 00-0019	EA	400 Watt Metal Halide, Low Bay Fixture	368.61	117.82
26 51 23 00-0020		High Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)* Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0021		**High Pressure Sodium, High Bay Fixtures** *(26 51 23 00-0020)* Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 23 00-0022	EA	250 Watt High Pressure Sodium, High Bay Fixture	309.77	103.23
26 51 23 00-0023	EA	400 Watt High Pressure Sodium, High Bay Fixture	336.64	117.82
26 51 23 00-0024	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	475.88	123.93
26 51 23 00-0025		**Metal Halide, High Bay Fixtures** *(26 51 23 00-0020)* Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51 23 00-0026	EA	250 Watt Metal Halide, High Bay Fixture	290.78	103.23
26 51 23 00-0027	EA	400 Watt Metal Halide, High Bay Fixture	319.99	117.82
26 51 23 00-0028	EA	1,000 Watt Metal Halide, High Bay Fixture	410.41	123.93
26 51 23 00-0029		**Induction, High Bay Fixtures** *(26 51 23 00-0020)*		
26 51 23 00-0030		**Induction, High Bay Fixtures (Everlast®)** *(26 51 23 00-0029)* Note: Includes die cast aluminum ballast casing and acrylic lens.		
26 51 23 00-0031	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	550.93	90.28
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0032	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	595.36	93.29
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0033	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	605.42	96.31
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0034	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	666.34	99.31
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0035	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	683.27	102.32
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0036	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	599.04	90.28
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0037	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	643.47	93.29
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0038	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	653.53	96.31
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0039	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	714.46	99.31
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0040	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	731.39	102.32
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0041		**Ceiling Mounted, Large Interior Area Fixtures** *(26 51 23 00-0001)* Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.		
26 51 23 00-0042		**High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures** *(26 51 23 00-0041)*		
26 51 23 00-0043	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	257.83	69.13
26 51 23 00-0044	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	417.68	69.13
26 51 23 00-0045	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	477.95	69.13
26 51 23 00-0046	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	634.13	69.13
26 51 23 00-0047		**Metal Halide, Ceiling Mounted, Large Interior Area Fixtures** *(26 51 23 00-0041)*		
26 51 23 00-0048	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	336.18	69.13
26 51 23 00-0049	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	359.17	76.71
26 51 23 00-0050	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	383.17	83.09
26 51 23 00-0051	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	417.90	98.95
26 51 23 00-0052		**High Pressure Sodium, Recessed Fixture Housings** *(26 51 23)*		
26 51 23 00-0053	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	107.33	28.73
26 51 23 00-0054	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	111.63	28.73
26 51 23 00-0055	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	117.21	29.93
26 51 23 00-0056	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	121.56	31.22
26 51 23 00-0057	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	125.86	32.52
26 51 23 00-0058	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	130.00	34.51
26 51 23 00-0059		**Metal Halide Track Lighting Fixtures** *(26 51 23)*		
26 51 23 00-0060	EA	Metal Halide Track Lighting Fixture	69.05	16.66
26 51 23 00-0061		**Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures** *(26 51 23)*		
26 51 23 00-0062	EA	75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	208.63	39.90
26 51 23 00-0063	EA	100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	216.24	39.90
26 51 23 00-0064	EA	150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	231.69	39.90
26 51 23 00-0065	EA	175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	254.93	39.90
26 51 23 00-0066		**High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures** *(26 51 23)*		
26 51 23 00-0067	EA	70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	190.51	39.90
26 51 23 00-0068	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	199.97	39.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0069	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	236.51	39.90

26 51 33 Interior Lighting Accessories *(26 51)*

26 51 33 00-0001 Lighting Accessories *(26 51 33)*

26 51 33 00-0002 Modular Flexible Wiring Systems *(26 51 33 00-0001)*

26 51 33 00-0003	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	64.59	5.39
26 51 33 00-0004	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	74.02	5.39
26 51 33 00-0005	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	88.69	5.39
26 51 33 00-0006	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	74.02	5.39
26 51 33 00-0007	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	67.01	5.39
26 51 33 00-0008	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	96.54	5.39
26 51 33 00-0009	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	54.47	5.39
26 51 33 00-0010	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E)	61.00	5.39
26 51 33 00-0011	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07)	76.13	5.39
26 51 33 00-0012	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07)	76.13	5.39
26 51 33 00-0013	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07)	77.35	5.39
26 51 33 00-0014	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	76.90	5.39
26 51 33 00-0015	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	76.90	5.39
26 51 33 00-0016	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15)	87.89	5.39
26 51 33 00-0017	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D)	42.16	5.39
26 51 33 00-0018	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E)	39.60	5.39
26 51 33 00-0019	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E)	40.49	5.39
26 51 33 00-0020	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E)	50.00	5.39
26 51 33 00-0021	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15)	64.59	5.39
26 51 33 00-0022	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15)	66.13	5.39
26 51 33 00-0023	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E)	52.37	5.39
26 51 33 00-0024	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	39.60	5.39
26 51 33 00-0025	EA	Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning	44.88	

26 51 33 00-0026 Additional Lighting Wire Whips *(26 51 33)*

26 51 33 00-0027	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.	1.05	

26 52 Safety Lighting *(26 50)*

26 52 13 Emergency and Exit Lighting *(26 52)*

26 52 13 13 Emergency Lighting *(26 52 13)*

26 52 13 13-0001 Commercial Emergency Lights *(26 52 13 13)*

26 52 13 13-0002 Polycarbonate Housing, Commercial Emergency Lights *(26 52 13 13-0001)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	155.65	24.94
26 52 13 13-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	111.19	24.94
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	169.37	24.94
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	195.71	24.94
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	286.23	24.94
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	322.97	24.94
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	466.13	24.94
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

26 52 13 13-0010 Remote Heads For Commercial Emergency Lights *(26 52 13 13-0001)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	104.46	14.96
26 52 13 13-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	105.12	14.96
26 52 13 13-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	107.34	14.96
26 52 13 13-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	106.98	14.96
26 52 13 13-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	93.34	14.96

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 52 13 13-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	66.24	14.96
26 52 13 13-0017			Industrial Emergency Lights *(26 52 13 13)*		
26 52 13 13-0018			Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0017)*		
26 52 13 13-0019			Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*		
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
	26 52 13 13-0020	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	266.24	24.94
			For Wireguard, Add	*130.18*	
	26 52 13 13-0021	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	225.13	24.94
			For Wireguard, Add	*130.18*	
	26 52 13 13-0022	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	345.27	24.94
			For Wireguard, Add	*130.18*	
	26 52 13 13-0023	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	366.01	24.94
			For Wireguard, Add	*130.18*	
	26 52 13 13-0024	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	518.06	24.94
			For Wireguard, Add	*138.66*	
	26 52 13 13-0025	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	808.96	24.94
			For Wireguard, Add	*138.66*	
26 52 13 13-0026			Remote Heads For Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*		
			Note: For use with fixtures that have remote capability.		
	26 52 13 13-0027	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	81.86	14.96
			For Wireguard, Add	*105.06*	
	26 52 13 13-0028	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	84.44	14.96
			For Wireguard, Add	*105.06*	
	26 52 13 13-0029	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	82.22	14.96
			For Wireguard, Add	*105.06*	
	26 52 13 13-0030	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	82.64	14.96
			For Wireguard, Add	*105.06*	
	26 52 13 13-0031	EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512)	84.44	14.96
			For Wireguard, Add	*105.06*	
	26 52 13 13-0032	EA	12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512)	97.54	14.96
			For Wireguard, Add	*105.06*	
26 52 13 13-0033			Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0017)*		
26 52 13 13-0034			Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*		
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
	26 52 13 13-0035	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618)	262.93	24.94
			For Wireguard, Add	*126.57*	
			For Self-Diagnostics, Add	*105.50*	
	26 52 13 13-0036	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236)	284.87	24.94
			For Wireguard, Add	*126.57*	
			For Self-Diagnostics, Add	*105.50*	
	26 52 13 13-0037	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654)	278.86	24.94
			For Wireguard, Add	*126.57*	
			For Self-Diagnostics, Add	*105.50*	
	26 52 13 13-0038	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254)	294.18	24.94
			For Wireguard, Add	*126.57*	
			For Self-Diagnostics, Add	*105.50*	
	26 52 13 13-0039	EA	100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100)	488.31	24.94
			For Wireguard, Add	*126.57*	
			For Self-Diagnostics, Add	*105.50*	
	26 52 13 13-0040	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618)	385.84	24.94
			For Wireguard, Add	*126.57*	
			For Self-Diagnostics, Add	*61.50*	
	26 52 13 13-0041	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236)	430.92	24.94
			For Wireguard, Add	*126.57*	
			For Self-Diagnostics, Add	*61.50*	
	26 52 13 13-0042	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254)	453.76	24.94
			For Wireguard, Add	*126.57*	
			For Self-Diagnostics, Add	*61.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0043		Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*		
		Note: For use with fixtures that have remote capability.		
26 52 13 13-0044	EA	9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906)	71.94	14.96
26 52 13 13-0045	EA	12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206)	77.17	14.96
26 52 13 13-0046	EA	9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912)	72.00	14.96
26 52 13 13-0047	EA	12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212)	75.85	14.96
26 52 13 13-0048	EA	12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012)	65.97	14.96
26 52 13 13-0049		Outdoor Emergency Lights *(26 52 13 13)*		
26 52 13 13-0050		Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights *(26 52 13 13-0049)*		
		Note: Includes nickel-cadmium batteries.		
26 52 13 13-0051	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series)	407.78	24.94
26 52 13 13-0052	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series)	484.41	24.94
26 52 13 13-0053		Recessed Emergency Lights *(26 52 13 13)*		
26 52 13 13-0054	EA	10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG)	442.63	24.94
		For Wire Guard, Add	*60.00*	
26 52 13 13-0055	EA	16 Watts At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2)	364.34	49.87
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*138.66*	
26 52 13 13-0056	EA	50 Watts At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4)	512.86	49.87
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*138.66*	
26 52 13 13-0057		Square Wraparound Emergency Lights *(26 52 13 13)*		
26 52 13 13-0058	EA	10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	208.38	24.94
26 52 13 16		**Exit Signs** *(26 52 13)*		
		Note: Excludes pendants.		
26 52 13 16-0001		LED Exit Signs *(26 52 13 16)*		
		Note: Includes red LED lamps.		
26 52 13 16-0002	EA	Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM)	133.78	36.46
		For Green LED Lamps, Add	*15.00*	
26 52 13 16-0003	EA	Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM)	133.78	36.46
		For Green LED Lamps, Add	*15.00*	
26 52 13 16-0004	EA	Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	179.30	36.46
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 52 13 16-0005	EA	Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	179.30	36.46
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 52 13 16-0006	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC)	195.56	36.46
		For Green LED Lamps, Add	*15.00*	
26 52 13 16-0007	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC)	219.29	36.46
		For Green LED Lamps, Add	*15.00*	
26 52 13 16-0008	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN)	185.65	36.46
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 52 13 16-0009	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN)	202.87	36.46
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
26 52 13 16-0010	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM)	238.02	36.46
		Note: Includes two circular side mounted krypton emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 52 13 16-0011	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM LED)	360.44	36.46
		Note: Includes two circular side mounted LED emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 52 13 16-0012	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH)	291.88	36.46
		Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 52 13 16-0013	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM)	304.39	36.46
		Note: Includes two circular side mounted PAR 36 emergency lights.		
		For Green LED Lamps, Add	*15.00*	
26 52 13 16-0014	EA	Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R)	95.44	36.46
26 52 13 16-0015	EA	120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R)	95.72	36.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0016		Edge-Lit LED Exit Signs *(26 52 13 16)*		
		Note: Includes red LED lamps.		
26 52 13 16-0017	EA	Single Face, Edge-Lit LED Exit Sign	265.15	36.46
		For Green LED Lamps, Add	*40.00*	
26 52 13 16-0018	EA	Double Face, Edge-Lit LED Exit Sign	283.23	36.46
		For Green LED Lamps, Add	*40.00*	
26 52 13 16-0019	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up	320.97	36.46
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
26 52 13 16-0020	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up	334.30	36.46
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
26 52 13 16-0021		Self-Luminous Tritium Exit Signs *(26 52 13 16)*		
		Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.		
26 52 13 16-0022	EA	10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	354.20	36.46
26 52 13 16-0023	EA	10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	635.17	36.46
26 52 13 16-0024	EA	20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	418.21	36.46
26 52 13 16-0025	EA	20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	686.56	36.46
26 52 13 16-0026	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	386.05	36.46
26 52 13 16-0027	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	686.56	36.46
26 52 13 16-0028	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	469.29	36.46
26 52 13 16-0029	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	847.63	36.46
26 52 13 16-0030		Vandal-Resistant LED Exit Signs *(26 52 13 16)*		
		Note: Includes red LED lamps.		
26 52 13 16-0031	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign	335.27	36.46
26 52 13 16-0032	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup	509.26	36.46
26 52 13 16-0033	EA	Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup	615.94	36.46
26 52 13 16-0034		Remove And Reinstall Exit Light Fixture *(26 52 13 16)*		
26 52 13 16-0035	EA	Removal And Reinstall Of Exit Light Fixtures Note: Includes storage and cleaning.	74.82	
26 52 13 16-0036		Exit Sign Accessories *(26 52 13 16)*		
26 52 13 16-0037	EA	Polycarbonate Vandal Shield For Exit Signs	80.06	9.99
26 52 13 16-0038	EA	Wire Guard For Exit Signs Or Emergency Lights	49.00	9.99
26 52 13 16-0039	EA	Wire Guard For Combination Exit Sign And Emergency Light	74.03	8.00
26 52 13 16-0040	EA	Replacement Battery For Exit Signs	81.40	12.49

26 55 Special Purpose Lighting *(26 50)*

26 55 13 Landscape Lighting *(26 55)*

26 55 13 00-0001		Bollards *(26 55 13)* Note: Excludes concrete base.		
26 55 13 00-0002		Aluminum Architectural Bollards *(26 55 13 00-0001)*		
26 55 13 00-0003		High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0004		Square, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0005	EA	24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	954.51	84.79
26 55 13 00-0006	EA	30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	964.48	89.78
26 55 13 00-0007	EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	974.46	94.77
26 55 13 00-0008	EA	42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	908.63	99.76
26 55 13 00-0009	EA	24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	954.51	84.79
26 55 13 00-0010	EA	30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	964.48	89.78
26 55 13 00-0011	EA	36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	974.46	94.77
26 55 13 00-0012	EA	42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	908.63	99.76
26 55 13 00-0013	EA	24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	954.51	84.79
26 55 13 00-0014	EA	30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	964.48	89.78
26 55 13 00-0015	EA	36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	974.46	94.77
26 55 13 00-0016	EA	42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	908.63	99.76
26 55 13 00-0017	EA	24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	954.51	84.79
26 55 13 00-0018	EA	30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	964.48	89.78
26 55 13 00-0019	EA	36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	974.46	94.77
26 55 13 00-0020	EA	42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	908.63	99.76
26 55 13 00-0021		Round, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0022	EA	24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	919.70	84.79
26 55 13 00-0023	EA	30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	929.67	89.78
26 55 13 00-0024	EA	36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	939.65	94.77
26 55 13 00-0025	EA	42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	873.51	99.76
26 55 13 00-0026	EA	24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	919.70	84.79
26 55 13 00-0027	EA	30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	929.67	89.78
26 55 13 00-0028	EA	36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	939.65	94.77
26 55 13 00-0029	EA	42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	873.51	99.76
26 55 13 00-0030	EA	24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	919.70	84.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0031	EA	30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	929.67	89.78
26 55 13 00-0032	EA	36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	939.65	94.77
26 55 13 00-0033	EA	42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	873.51	99.76
26 55 13 00-0034	EA	24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	919.70	84.79
26 55 13 00-0035	EA	30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	929.67	89.78
26 55 13 00-0036	EA	36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	939.65	94.77
26 55 13 00-0037	EA	42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	873.51	99.76
26 55 13 00-0038		Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0039		Square, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0040	EA	24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	999.70	84.79
26 55 13 00-0041	EA	30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,009.67	89.78
26 55 13 00-0042	EA	36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,019.65	94.77
26 55 13 00-0043	EA	42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	953.51	99.76
26 55 13 00-0044	EA	24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	999.70	84.79
26 55 13 00-0045	EA	30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,009.67	89.78
26 55 13 00-0046	EA	36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,019.65	94.77
26 55 13 00-0047	EA	42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	953.51	99.76
26 55 13 00-0048	EA	24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	999.70	84.79
26 55 13 00-0049	EA	30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,009.67	89.78
26 55 13 00-0050	EA	36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,019.65	94.77
26 55 13 00-0051	EA	42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	991.33	99.76
26 55 13 00-0052		Round, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0053	EA	24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	964.58	84.79
26 55 13 00-0054	EA	30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	974.55	89.78
26 55 13 00-0055	EA	36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	984.53	94.77
26 55 13 00-0056	EA	42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	918.38	99.76
26 55 13 00-0057	EA	24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	964.58	84.79
26 55 13 00-0058	EA	30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	974.55	89.78
26 55 13 00-0059	EA	36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	984.53	94.77
26 55 13 00-0060	EA	42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	918.38	99.76
26 55 13 00-0061	EA	24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	964.58	84.79
26 55 13 00-0062	EA	30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	974.55	89.78
26 55 13 00-0063	EA	36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	984.53	94.77
26 55 13 00-0064	EA	42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	918.38	99.76
26 55 13 00-0065		Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0066		Square, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)*		
26 55 13 00-0067	EA	24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	950.55	84.79
26 55 13 00-0068	EA	30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	960.52	89.78
26 55 13 00-0069	EA	36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	970.50	94.77
26 55 13 00-0070	EA	42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	905.38	99.76
26 55 13 00-0071	EA	24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	950.55	84.79
26 55 13 00-0072	EA	30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	960.52	89.78
26 55 13 00-0073	EA	36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	970.50	94.77
26 55 13 00-0074	EA	42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	905.38	99.76
26 55 13 00-0075	EA	24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	950.55	84.79
26 55 13 00-0076	EA	30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	960.52	89.78
26 55 13 00-0077	EA	36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	970.50	94.77
26 55 13 00-0078	EA	42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	905.38	99.76
26 55 13 00-0079		Round, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)*		
26 55 13 00-0080	EA	24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	916.19	84.79
26 55 13 00-0081	EA	30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	926.16	89.78
26 55 13 00-0082	EA	36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	936.14	94.77
26 55 13 00-0083	EA	42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	871.68	99.76
26 55 13 00-0084	EA	24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	916.19	84.79
26 55 13 00-0085	EA	30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	926.16	89.78
26 55 13 00-0086	EA	36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	936.14	94.77
26 55 13 00-0087	EA	42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	871.68	99.76
26 55 13 00-0088	EA	24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	916.19	84.79
26 55 13 00-0089	EA	30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	926.16	89.78
26 55 13 00-0090	EA	36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	936.14	94.77
26 55 13 00-0091	EA	42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	871.68	99.76
26 55 13 00-0092		LED, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0093		Square, LED, Aluminum Architectural Bollards *(26 55 13 00-0092)*		
26 55 13 00-0094	EA	24" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard	1,128.94	84.79
26 55 13 00-0095	EA	30" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard	1,138.91	89.78
26 55 13 00-0096	EA	36" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard	1,148.89	94.77
26 55 13 00-0097	EA	42" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard	1,084.73	99.76
26 55 13 00-0098	EA	24" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard	1,368.12	84.79
26 55 13 00-0099	EA	30" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard	1,378.09	89.78
26 55 13 00-0100	EA	36" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard	1,388.07	94.77
26 55 13 00-0101	EA	42" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard	1,322.72	99.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0102		**Round, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0103	EA	24" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard	1,093.26	84.79
26 55 13 00-0104	EA	30" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard	1,103.23	89.78
26 55 13 00-0105	EA	36" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard	1,113.21	94.77
26 55 13 00-0106	EA	42" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard	1,047.86	99.76
26 55 13 00-0107	EA	24" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard	1,332.44	84.79
26 55 13 00-0108	EA	30" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard	1,342.41	89.78
26 55 13 00-0109	EA	36" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard	1,352.39	94.77
26 55 13 00-0110	EA	42" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard	1,287.46	99.76
26 55 13 00-0111		**Reinforced Concrete Bollards** *(26 55 13 00-0001)*		
26 55 13 00-0112	EA	48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard	1,037.27	249.38
26 55 13 00-0113	EA	58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard	1,764.68	332.47
26 55 13 00-0114		**Low Voltage** *(26 55 13)*		
26 55 13 00-0115	EA	Low Voltage Recessed Uplight	586.16	181.55
26 55 13 00-0116	EA	Low Voltage Walkway	400.61	99.76
26 55 13 00-0117	EA	Low Voltage Malibu - 5 Light Set	412.61	133.17
26 55 13 00-0118	EA	Low Voltage Mushroom 24" Pier	349.42	99.76
26 55 13 00-0119		**Recessed, Adjustable** *(26 55 13)*		
26 55 13 00-0120	EA	150 Watt Incandescent Recessed, Adjustable	659.24	159.61
26 55 13 00-0121	EA	300 Watt Incandescent Recessed, Adjustable	714.09	159.61
26 55 13 00-0122		**Recessed, Uplight** *(26 55 13)*		
26 55 13 00-0123	EA	50 Watt Incandescent Recessed Uplight	597.08	159.61
26 55 13 00-0124	EA	150 Watt Incandescent Recessed Uplight	608.05	159.61
26 55 13 00-0125	EA	300 Watt Incandescent Recessed Uplight	640.95	159.61
26 55 13 00-0126	EA	500 Watt Quartz Recessed Uplight	637.30	159.61
26 55 13 00-0127	EA	5 Watt LED Recessed Uplight	755.65	159.61
26 55 13 00-0128	EA	15 Watt LED Recessed Uplight	822.27	159.61
26 55 13 00-0129		**Recessed Wall Light** *(26 55 13)*		
26 55 13 00-0130	EA	100 Watt Incandescent Recessed Wall Light	316.51	99.76
26 55 13 00-0131	EA	100 Watt Fluorescent Recessed Wall Light	305.54	99.76
26 55 13 00-0132	EA	100 Watt High Intensity Discharge (HID) Recessed Wall Light	482.09	133.17
26 55 13 00-0133		**Step Lights** *(26 55 13)*		
26 55 13 00-0134	EA	Incandescent Step Light	258.29	79.80
26 55 13 00-0135	EA	Fluorescent Step Light	294.90	79.80
26 55 13 00-0136	EA	5 Watt LED Step Light	410.52	79.80
26 55 13 00-0137	EA	15 Watt LED Step Light	481.57	79.80
26 55 13 00-0138		**Tree Lights, Surface Adjustable** *(26 55 13)*		
26 55 13 00-0139	EA	50 Watt Incandescent Tree Lights	529.62	133.17
26 55 13 00-0140	EA	100 Watt Incandescent Tree Lights	540.59	133.17
26 55 13 00-0141	EA	150 Watt Incandescent Tree Lights	691.52	199.50
26 55 16		**Walkway Lighting** *(26 55)*		
26 55 16 00-0001		**Incandescent Walkway** *(26 55 16)*		
26 55 16 00-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture	449.28	92.77
26 55 16 00-0003		**Metal Halide Walkway** *(26 55 16)*		
26 55 16 00-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	688.02	145.84
26 55 16 00-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture	733.12	151.12
26 55 16 00-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	798.94	156.91
26 55 16 00-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	853.29	169.58
26 55 16 00-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	752.73	156.91
26 55 16 00-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	776.93	145.84
26 55 16 00-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	788.60	151.12
26 55 16 00-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	646.87	103.94
26 55 16 00-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	693.09	103.94
26 55 16 00-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture	739.30	103.94
26 55 16 00-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture	834.97	117.01
26 55 16 00-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture	625.85	93.36
26 55 16 00-0016		**High Pressure Sodium Walkway** *(26 55 16)*		
26 55 16 00-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	601.32	145.84
26 55 16 00-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	638.87	151.12
26 55 16 00-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	692.79	156.91
26 55 16 00-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	740.85	169.58
26 55 16 00-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	656.69	156.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 16 00-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	670.78	145.84
26 55 16 00-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	682.22	151.12
26 55 16 00-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture	550.83	103.94
26 55 16 00-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture	586.94	103.94
26 55 16 00-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	623.04	103.94
26 55 16 00-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture	703.54	117.01
26 55 16 00-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture	358.17	93.36

26 55 16 00-0029 Walkway, Adjustable *(26 55 16)*

26 55 16 00-0030	EA	2' Fluorescent Adjustable Walkway Fixture	653.98	133.17
26 55 16 00-0031	EA	4' Fluorescent Adjustable Walkway Fixture	676.79	133.17
26 55 16 00-0032	EA	8' Fluorescent Adjustable Walkway Fixture	1,204.67	199.50
26 55 16 00-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	564.33	99.76
26 55 16 00-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	594.73	99.76

26 55 16 00-0035 LED Walkway *(26 55 16)*

26 55 16 00-0036 LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) *(26 55 16 00-0035)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 16 00-0037	EA	13" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	735.32	76.60
		For Multi-Level Drive Currents, Add	*192.47*	
26 55 16 00-0038	EA	18" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	758.69	76.60
		For Multi-Level Drive Currents, Add	*192.47*	
26 55 16 00-0039	EA	36" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	799.93	76.60
		For Multi-Level Drive Currents, Add	*192.47*	
26 55 16 00-0040	EA	42" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	831.55	76.60
		For Multi-Level Drive Currents, Add	*192.47*	
26 55 16 00-0041	EA	96" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	957.39	98.49
		For Multi-Level Drive Currents, Add	*192.47*	

26 55 16 00-0042 Wall Mounted Walkway Lighting *(26 55 16 00-0035)*

26 55 16 00-0043	EA	Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492) Note: Type Fixture 17 as Post	2,632.72	

26 55 16 00-0044 Pole Mounted Walkway Lighting *(26 55 16 00-0035)*

26 55 16 00-0045	EA	43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27)	2,444.08	
26 55 16 00-0046	EA	12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12) Note: Washers and nuts included	2,401.20	

26 55 29 Underwater Lighting *(26 55)*

26 55 29 00-0001 Underwater Lights *(26 55 29)*

26 55 29 00-0002	EA	150 Watt, 120 Volt Underwater Lights	414.23	66.33
26 55 29 00-0003	EA	300 Watt, 120 Volt Underwater Lights	458.11	66.33
26 55 29 00-0004	EA	1,000 Watt, 120 Volt Underwater Lights	1,095.35	99.76
26 55 29 00-0005	EA	50 Watt, 12 Volt Underwater Lights	432.52	66.33
26 55 29 00-0006	EA	300 Watt, 12 Volt Underwater Lights	483.71	66.33
26 55 29 00-0007	SET	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,231.44	149.63

26 55 53 Security Lighting *(26 55)*

26 55 53 11 Security Flood Lighting *(26 55 53)*

26 55 53 11-0001 General Electric Powerflood® Flood Lights *(26 55 53 11)*

26 55 53 11-0002 MPF (Small Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.

26 55 53 11-0003 High Pressure Sodium MPF Series GE Flood Lights *(26 55 53 11-0002)*

26 55 53 11-0004	EA	70 Watt High Pressure Sodium MPF Series GE Flood Light	263.29	82.34
26 55 53 11-0005	EA	100 Watt High Pressure Sodium MPF Series GE Flood Light	265.27	82.34
26 55 53 11-0006	EA	150 Watt High Pressure Sodium MPF Series GE Flood Light	268.55	82.34

26 55 53 11-0007 Metal Halide MPF Series GE Flood Lights *(26 55 53 11-0002)*

26 55 53 11-0008	EA	70 Watt Metal Halide MPF Series GE Flood Light	341.54	82.34

26 55 53 11-0009 P-154 (Small Size) Series GE Flood Lights *(26 55 53 11-0001)*

Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.

26 55 53 11-0010 High Pressure Sodium P-154 Series GE Flood Lights *(26 55 53 11-0009)*

26 55 53 11-0011	EA	70 Watt High Pressure Sodium P-154 Series GE Flood Light	502.94	109.78
26 55 53 11-0012	EA	100 Watt High Pressure Sodium P-154 Series GE Flood Light	505.57	109.78
26 55 53 11-0013	EA	150 Watt High Pressure Sodium P-154 Series GE Flood Light	510.18	109.78
26 55 53 11-0014	EA	250 Watt High Pressure Sodium P-154 Series GE Flood Light	562.12	109.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0015	EA	400 Watt High Pressure Sodium P-154 Series GE Flood Light	577.24	109.78
26 55 53 11-0016		**Metal Halide P-154 Series GE Flood Lights** *(26 55 53 11-0009)*		
26 55 53 11-0017	EA	175 Watt Metal Halide P-154 Series GE Flood Light	498.34	109.78
26 55 53 11-0018	EA	250 Watt Metal Halide P-154 Series GE Flood Light	521.35	109.78
26 55 53 11-0019	EA	400 Watt Metal Halide P-154 Series GE Flood Light	533.19	109.78
26 55 53 11-0020		**PF-154 (Medium Size) Series GE Flood Lights** *(26 55 53 11-0001)*		
		Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0021		**High Pressure Sodium PF-154 Series GE Flood Lights** *(26 55 53 11-0020)*		
26 55 53 11-0022	EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light	519.20	123.50
26 55 53 11-0023	EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light	522.49	123.50
26 55 53 11-0024	EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light	527.75	123.50
26 55 53 11-0025	EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light	579.04	123.50
26 55 53 11-0026	EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light	593.50	123.50
26 55 53 11-0027		**Metal Halide PF-154 GE Flood Lights** *(26 55 53 11-0020)*		
26 55 53 11-0028	EA	175 Watt Metal Halide PF-154 Series GE Flood Light	515.26	123.50
26 55 53 11-0029	EA	250 Watt Metal Halide PF-154 Series GE Flood Light	537.62	123.50
26 55 53 11-0030	EA	400 Watt Metal Halide PF-154 Series GE Flood Light	549.45	123.50
26 55 53 11-0031		**PF-400 (Medium Size) Series GE Flood Lights** *(26 55 53 11-0001)*		
		Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0032		**High Pressure Sodium PF-400 Series GE Flood Lights** *(26 55 53 11-0031)*		
26 55 53 11-0033	EA	150 Watt High Pressure Sodium PF-400 Series GE Flood Light	674.38	123.50
26 55 53 11-0034	EA	200 Watt High Pressure Sodium PF-400 Series GE Flood Light	720.40	123.50
26 55 53 11-0035	EA	250 Watt High Pressure Sodium PF-400 Series GE Flood Light	717.11	123.50
26 55 53 11-0036	EA	400 Watt High Pressure Sodium PF-400 Series GE Flood Light	733.55	123.50
26 55 53 11-0037		**Metal Halide PF-400 GE Flood Lights** *(26 55 53 11-0031)*		
26 55 53 11-0038	EA	175 Watt Metal Halide PF-400 Series GE Flood Light	691.47	123.50
26 55 53 11-0039	EA	250 Watt Metal Halide PF-400 Series GE Flood Light	705.28	123.50
26 55 53 11-0040	EA	400 Watt Metal Halide PF-400 Series GE Flood Light	719.74	123.50
26 55 53 11-0041		**PF-1000 (Large Size) Series GE Flood Lights** *(26 55 53 11-0001)*		
		Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0042		**High Pressure Sodium PF-154 Series GE Flood Lights** *(26 55 53 11-0041)*		
26 55 53 11-0043	EA	750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	898.42	137.22
26 55 53 11-0044	EA	1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	898.42	137.22
26 55 53 11-0045		**Metal Halide PF-1000 Series GE Flood Lights** *(26 55 53 11-0041)*		
26 55 53 11-0046	EA	1,000 Watt Metal Halide PF-1000 Series GE Flood Light	860.28	137.22
26 55 53 11-0047		**HLU/VLU (Medium Size) FRP Series GE Flood Lights** *(26 55 53 11-0001)*		
		Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0048		**High Pressure Sodium HLU/VLU FRP Series GE Flood Lights** *(26 55 53 11-0047)*		
26 55 53 11-0049	EA	250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	737.50	123.50
26 55 53 11-0050	EA	400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	749.99	123.50
26 55 53 11-0051		**Metal Halide HLU/VLU Series GE Flood Lights** *(26 55 53 11-0047)*		
26 55 53 11-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	744.73	123.50
26 55 53 11-0053		**Accessories For Powerflood GE Flood Lights** *(26 55 53 11-0001)*		
26 55 53 11-0054	EA	Wireguard For Powerflood GE Flood Light	130.50	27.44
26 55 53 11-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light	81.85	27.44
26 55 53 11-0056	EA	Top Visor For Powerflood Flood Light	112.09	27.44
26 55 53 11-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light	89.08	27.44
26 55 53 11-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light	231.73	82.34
26 55 53 11-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light	96.31	27.44
26 55 53 11-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light	182.42	82.34
26 55 53 11-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light	188.34	82.34
26 55 53 11-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light	75.93	27.44
26 55 53 11-0063	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light	73.96	27.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0064		Lithonia Contour Series Flood Lights *(26 55 53 11)*		
26 55 53 11-0065		TFM (Small Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 55 53 11-0066		High Pressure Sodium TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	467.94	109.78
26 55 53 11-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	505.90	109.78
26 55 53 11-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	543.08	109.78
26 55 53 11-0070		Metal Halide TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light	589.47	109.78
26 55 53 11-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light	580.33	109.78
26 55 53 11-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light	565.60	109.78
26 55 53 11-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light	564.51	109.78
26 55 53 11-0075		Compact Fluorescent TFM Series Lithonia Flood Lights *(26 55 53 11-0065)*		
26 55 53 11-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	585.68	109.78
26 55 53 11-0077		TFL (Medium Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0078		High Pressure Sodium TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	693.21	123.50
26 55 53 11-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	705.87	123.50
26 55 53 11-0081		Metal Halide TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light	664.75	123.50
26 55 53 11-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light	664.75	123.50
26 55 53 11-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light	684.61	123.50
26 55 53 11-0085		TFR (Low Profile) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0086		High Pressure Sodium TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	659.45	109.78
26 55 53 11-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	678.40	109.78
26 55 53 11-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	694.24	109.78
26 55 53 11-0090		Metal Halide TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	653.12	109.78
26 55 53 11-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	672.09	109.78
26 55 53 11-0093		TFA (Large Size) Series Lithonia Flood Lights *(26 55 53 11-0064)* Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0094		High Pressure Sodium TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light	1,239.50	137.22
26 55 53 11-0096		Metal Halide TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light	970.55	137.22
26 55 53 11-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light	1,065.46	137.22
26 55 53 11-0099		Accessories For Contour Series Lithonia Flood Lights *(26 55 53 11-0064)*		
26 55 53 11-0100	EA	Wireguard For Contour Series Lithonia Flood Light	114.55	27.44
26 55 53 11-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	207.72	27.44
26 55 53 11-0102	EA	Upper Visor For Contour Series Lithonia Flood Light	96.97	27.44
26 55 53 11-0103	EA	Full Visor For Contour Series Lithonia Flood Light	125.44	27.44
26 55 53 11-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	291.21	82.34
26 55 53 11-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	240.83	82.34
26 55 53 11-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light	240.83	82.34
26 55 53 11-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	260.93	82.34
26 55 53 11-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	110.23	27.44
26 55 53 11-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	90.92	27.44
26 55 53 11-0110		Eaton Flood Lights *(26 55 53 11)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0111	EA	6" x 6", 128 Watt, 16,932 Lumens, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB)	702.39	109.78
		For NEMA Photocontrol Option (Eaton OA/RA1016), Add	*34.07*	
26 55 53 11-0112	EA	128 Watt, 120-277 Volt, 16,900 Lumens, NEMA 6H x 6V Wide, Trunnion Mount, 4000K Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016)	865.51	121.20
26 55 53 11-0113		Ruud Flood Lights *(26 55 53 11)*		
26 55 53 11-0114		NS (Micro) Series Ruud Flood Lights *(26 55 53 11-0113)* Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.		
26 55 53 11-0115		High Pressure Sodium NS Series Ruud Flood Lights *(26 55 53 11-0114)*		
26 55 53 11-0116	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	313.27	82.34
26 55 53 11-0117	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	313.27	82.34
26 55 53 11-0118	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	313.27	82.34
26 55 53 11-0119	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	313.27	82.34
26 55 53 11-0120	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	313.27	82.34
26 55 53 11-0121		Metal Halide NS Series Ruud Flood Lights *(26 55 53 11-0114)*		
26 55 53 11-0122	EA	50 Watt Metal Halide NS Series Ruud Flood Light	350.09	82.34
26 55 53 11-0123	EA	70 Watt Metal Halide NS Series Ruud Flood Light	350.09	82.34
26 55 53 11-0124	EA	100 Watt Metal Halide NS Series Ruud Flood Light	350.09	82.34
26 55 53 11-0125		Compact Fluorescent NS Series Ruud Flood Lights *(26 55 53 11-0114)*		
26 55 53 11-0126	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light	275.13	82.34
26 55 53 11-0127	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light	284.33	82.34
26 55 53 11-0128	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	286.97	82.34
26 55 53 11-0129	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light	289.59	82.34
26 55 53 11-0130		NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights *(26 55 53 11-0113)* Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
26 55 53 11-0131		High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*		
26 55 53 11-0132	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	481.07	123.50
26 55 53 11-0133	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	504.74	123.50
26 55 53 11-0134	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	517.89	123.50
26 55 53 11-0135		Metal Halide NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*		
26 55 53 11-0136	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	475.81	123.50
26 55 53 11-0137	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	478.44	123.50
26 55 53 11-0138	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	486.33	123.50
26 55 53 11-0139		Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights *(26 55 53 11-0130)*		
26 55 53 11-0140	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light	466.60	123.50
26 55 53 11-0141		FS (Square) Series Ruud Flood Lights *(26 55 53 11-0113)* Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0142		High Pressure Sodium FS Series Ruud Flood Lights *(26 55 53 11-0141)*		
26 55 53 11-0143	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light	550.76	123.50
26 55 53 11-0144	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light	553.40	123.50
26 55 53 11-0145	EA	1,000 Watt High Pressure Sodium FS Series Ruud Flood Light	899.07	137.22
26 55 53 11-0146		Metal Halide FS Series Ruud Flood Lights *(26 55 53 11-0141)*		
26 55 53 11-0147	EA	175 Watt Metal Halide FS Series Ruud Flood Light	550.76	123.50
26 55 53 11-0148	EA	250 Watt Metal Halide FS Series Ruud Flood Light	553.40	123.50
26 55 53 11-0149	EA	400 Watt Metal Halide FS Series Ruud Flood Light	561.28	123.50
26 55 53 11-0150	EA	1,000 Watt Metal Halide FS Series Ruud Flood Light	812.29	137.22
26 55 53 11-0151		MFS (Mini Square) Series Ruud Flood Lights *(26 55 53 11-0113)* Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0152		High Pressure Sodium MFS Series Ruud Flood Lights *(26 55 53 11-0151)*		
26 55 53 11-0153	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light	439.16	109.78
26 55 53 11-0154	EA	50 Watt High Pressure Sodium MFS Series Ruud Flood Light	466.78	109.78
26 55 53 11-0155	EA	70 Watt High Pressure Sodium MFS Series Ruud Flood Light	466.78	109.78
26 55 53 11-0156	EA	100 Watt High Pressure Sodium MFS Series Ruud Flood Light	466.78	109.78
26 55 53 11-0157	EA	150 Watt High Pressure Sodium MFS Series Ruud Flood Light	466.78	109.78
26 55 53 11-0158		Metal Halide MFS Series Ruud Flood Lights *(26 55 53 11-0151)*		
26 55 53 11-0159	EA	50 Watt Metal Halide MFS Series Ruud Flood Light	475.98	109.78
26 55 53 11-0160	EA	70 Watt Metal Halide MFS Series Ruud Flood Light	475.98	109.78
26 55 53 11-0161	EA	100 Watt Metal Halide MFS Series Ruud Flood Light	475.98	109.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0162	EA	175 Watt Metal Halide MFS Series Ruud Flood Light	461.52	109.78
26 55 53 11-0163		MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0164		High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		
26 55 53 11-0165	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	472.04	109.78
26 55 53 11-0166	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	499.66	109.78
26 55 53 11-0167	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	499.66	109.78
26 55 53 11-0168	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	499.66	109.78
26 55 53 11-0169	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	499.66	109.78
26 55 53 11-0170		Metal Halide MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		
26 55 53 11-0171	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	508.86	109.78
26 55 53 11-0172	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	508.86	109.78
26 55 53 11-0173	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	508.86	109.78
26 55 53 11-0174	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	494.40	109.78
26 55 53 11-0175		CF (Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 55 53 11-0176		High Pressure Sodium CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0177	EA	250 Watt High Pressure Sodium CF Series Ruud Flood Light	612.57	123.50
26 55 53 11-0178	EA	400 Watt High Pressure Sodium CF Series Ruud Flood Light	625.72	123.50
26 55 53 11-0179	EA	1,000 Watt High Pressure Sodium CF Series Ruud Flood Light	931.95	137.22
26 55 53 11-0180		Metal Halide CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0181	EA	175 Watt Metal Halide CF Series Ruud Flood Light	583.64	123.50
26 55 53 11-0182	EA	250 Watt Metal Halide CF Series Ruud Flood Light	586.27	123.50
26 55 53 11-0183	EA	400 Watt Metal Halide CF Series Ruud Flood Light	594.16	123.50
26 55 53 11-0184	EA	1,000 Watt Metal Halide CF Series Ruud Flood Light	845.16	137.22
26 55 53 11-0185		CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 55 53 11-0186		High Pressure Sodium CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0187	EA	400 High Pressure Sodium CN Series Ruud Flood Light	779.41	137.22
26 55 53 11-0188	EA	1,000 High Pressure Sodium CN Series Ruud Flood Light	916.17	137.22
26 55 53 11-0189		Metal Halide CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0190	EA	400 Watt Metal Halide CN Series Ruud Flood Light	747.85	137.22
26 55 53 11-0191	EA	1,000 Watt Metal Halide CN Series Ruud Flood Light	829.38	137.22
26 55 53 11-0192		PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0193		High Pressure Sodium PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0194	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	630.98	123.50
26 55 53 11-0195	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	644.13	123.50
26 55 53 11-0196		Metal Halide PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0197	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light	602.05	123.50
26 55 53 11-0198	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light	604.68	123.50
26 55 53 11-0199	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light	612.57	123.50
26 55 53 11-0200	EA	1,000 Watt Metal Halide PM/PN Series Ruud Flood Light	863.57	137.22
26 55 53 11-0201		Accessories For Ruud Flood Lighting *(26 55 53 11-0113)*		
26 55 53 11-0202	EA	Wireguard For Rudd Flood Light	74.61	27.44
26 55 53 11-0203	EA	Deep Baffle (Full Visor) For Rudd Flood Light	110.12	27.44
26 55 53 11-0204	EA	Glare Guard (Upper Visor) For Rudd Flood Light	83.82	27.44
26 55 53 11-0205	EA	Vandal Shield For Rudd Flood Light	96.97	27.44
26 55 53 11-0206	EA	Pipe Mounting Bracket For Ruud Flood Light	209.38	82.34
26 55 53 11-0207	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light	66.73	27.44
26 55 53 11-0208		Lumark Flood Lights *(26 55 53 11)*		
26 55 53 11-0209		QZ Wedge Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light	191.56	82.34
26 55 53 11-0211		LQL Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0212	EA	1,500 Watt LQL Series Quartz Lumark Flood Light	230.35	82.34
26 55 53 11-0213		Kim Lighting *(26 55 53 11)*		
26 55 53 11-0214		MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0213)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0215		LED MicroFlood® Series Kim Lighting Flood Lights *(26 55 53 11-0214)*		
26 55 53 11-0216	EA	5 Watt LED MicroFlood® Series Kim Lighting Flood Light	328.77	34.96
26 55 53 11-0217	EA	15 Watt LED MicroFlood® Series Kim Lighting Flood Light	401.73	34.96
26 55 53 11-0218		Scarab® Series Kim Lighting Flood Lights *(26 55 53 11-0213)*		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0219		LED Scarab® Series Kim Lighting Accent Flood Lights *(26 55 53 11-0218)*		
		Note: Spot or narrow style accent flood lights.		
26 55 53 11-0220	EA	6 Watt LED Scarab® Series Kim Lighting Accent Flood Light	491.48	34.96
26 55 53 11-0221		CREE® BetaLED® Flood Lights *(26 55 53 11)*		
26 55 53 11-0222		Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) *(26 55 53 11-0221)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0223	EA	40 LEDs, 47 System Watts, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	951.70	99.16
26 55 53 11-0224	EA	60 LEDs, 68 System Watts, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,042.46	104.67
26 55 53 11-0225		Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) *(26 55 53 11-0221)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0226	EA	20 LEDs, 26 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	826.57	93.65
		For 480 Volt, Add	*61.33*	
26 55 53 11-0227	EA	40 LEDs, 47 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,039.69	99.16
		For 480 Volt, Add	*61.33*	
26 55 53 11-0228	EA	60 LEDs, 68 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,252.80	104.67
		For 480 Volt, Add	*61.33*	
26 55 53 11-0229	EA	80 LEDs, 90 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,547.01	110.18
		For 480 Volt, Add	*61.33*	
26 55 53 11-0230	EA	100 LEDs, 111 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,760.12	115.69
		For 480 Volt, Add	*61.33*	
26 55 53 11-0231	EA	120 LEDs, 132 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,973.23	121.20
		For 480 Volt, Add	*61.33*	
26 55 53 11-0232	EA	140 LEDs, 157 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,250.94	126.71
		For 480 Volt, Add	*61.33*	
26 55 53 11-0233	EA	160 LEDs, 179 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,464.05	132.22
		For 480 Volt, Add	*61.33*	
26 55 53 11-0234		Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) *(26 55 53 11-0221)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0235	EA	120 LEDs, 267 System Watts, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	1,892.12	121.20
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Bird Spikes, Add	*37.66*	
		For 5,000K Color Temperature, Add	*40.54*	
		For Fuse, Add	*48.64*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
		For 480 Volt, Add	*72.97*	
		For Multi-Level, Add	*105.39*	
		For 1,000mA Driver, Add	*136.20*	
26 55 53 11-0236	EA	240 LEDs, 533 System Watts, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	3,207.06	148.75
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For 5,000K Color Temperature, Add	*40.54*	
		For Fuse, Add	*48.64*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
		For Bird Spikes, Add	*55.74*	
		For Multi-Level, Add	*105.39*	
		For 1,000mA Driver, Add	*136.20*	
		For 480 Volt, Add	*145.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0237		Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) *(26 55 53 11-0221)*		
		Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0238	EA	112 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL)	1,110.67	121.20
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Front Facing Optics, Back Light Shield, Add	*29.14*	
		For Rotated Optics, Back Light Shield, Add	*29.14*	
		For Field Adjustable Output, Add	*24.33*	
		For Fuse, Add	*48.64*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
		For Multi-Level, Add	*105.39*	
26 55 53 11-0239	EA	168 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL)	1,187.29	121.20
		Note: Type III, IV or V medium optics only.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Front Facing Optics, Back Light Shield, Add	*29.14*	
		For Rotated Optics, Back Light Shield, Add	*29.14*	
		For Field Adjustable Output, Add	*24.33*	
		For Fuse, Add	*48.64*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
		For Type II Medium Or Type V Short Optics, Add	*-38.89*	
		For Multi-Level, Add	*105.39*	
26 55 53 11-0240	EA	223 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL)	1,523.29	148.75
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Field Adjustable Output, Add	*24.33*	
		For Front Facing Optics, Back Light Shield, Add	*35.30*	
		For Rotated Optics, Back Light Shield, Add	*35.30*	
		For Fuse, Add	*48.64*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
		For Multi-Level, Add	*105.39*	
26 55 53 11-0241		PlanLED Flood Lights *(26 55 53 11)*		
26 55 53 11-0242		Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) *(26 55 53 11-0241)*		
26 55 53 11-0243	EA	6,250 Lumens, 50 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050)	434.16	99.16
26 55 53 11-0244	EA	9,375 Lumens, 75 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075)	511.70	104.67
26 55 53 11-0245	EA	12,500 Lumens, 100 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100)	586.27	112.94
26 55 53 11-0246		Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) *(26 55 53 11-0241)*		
26 55 53 11-0247	EA	21,000 Lumens, 200 System Watts, LED Sports Flood Light (PlanLED SUFA SF200)	1,184.50	220.36
		For 0 To 10 Volt Dimming, Add	*51.82*	
26 55 53 11-0248	EA	42,000 Lumens, 400 System Watts, LED Sports Flood Light (PlanLED SUFA SF400)	1,771.06	220.36
		For 0 To 10 Volt Dimming, Add	*51.82*	
26 55 53 11-0249	EA	84,000 Lumens, 800 System Watts, LED Sports Flood Light (PlanLED SUFA SF800)	3,033.66	220.36
		For 0 To 10 Volt Dimming, Add	*51.82*	
26 55 53 11-0250		Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) *(26 55 53 11-0241)*		
26 55 53 11-0251	EA	26,000 Lumens, 200 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200)	1,020.57	143.24
		For 0 To 10 Volt Dimming, Add	*51.82*	
		For 480 Volt, Add	*-20.51*	
26 55 53 11-0252	EA	39,000 Lumens, 300 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300)	1,287.98	148.75
		For 0 To 10 Volt Dimming, Add	*51.82*	
		For 480 Volt, Add	*62.50*	
26 55 53 11-0253	EA	52,000 Lumens, 400 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400)	1,624.33	154.25
		For 0 To 10 Volt Dimming, Add	*51.82*	
		For 480 Volt, Add	*50.20*	
26 55 53 12		**Security Hazardous Location Flood Lights** ***(26 55 53)***		
		Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.		
26 55 53 12-0001		Lithonia Hazardous Location Flood Lights *(26 55 53 12)*		
26 55 53 12-0002		HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*		
		Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0003		High Pressure Sodium HFR Series Hazardous Location Flood Lights *(26 55 53 12-0002)*		
26 55 53 12-0004	EA	150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	653.92	109.78
26 55 53 12-0005	EA	250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	694.68	109.78
26 55 53 12-0006	EA	400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	655.23	109.78
26 55 53 12-0007		Metal Halide HFR Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0002)*		
26 55 53 12-0008	EA	250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	690.33	109.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 12-0009	EA	400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	671.01	109.78
26 55 53 12-0010		HFM (Medium Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0011		High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*		
26 55 53 12-0012	EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	625.90	109.78
26 55 53 12-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	650.22	109.78
26 55 53 12-0014		Metal Halide HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*		
26 55 53 12-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	560.14	109.78
26 55 53 12-0016		HFA (Large) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0017		High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*		
26 55 53 12-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	875.41	137.22
26 55 53 12-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	887.24	137.22
26 55 53 12-0020		Metal Halide HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*		
26 55 53 12-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	871.46	137.22
26 55 53 12-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	887.24	137.22
26 55 53 12-0023		HFL (Medium) Series Hazardous Location Flood Lights *(26 55 53 12-0001)* Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0024		High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*		
26 55 53 12-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	661.22	123.50
26 55 53 12-0026		Metal Halide HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*		
26 55 53 12-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	707.25	123.50
26 55 53 12-0028		Accessories For Lithonia Hazardous Location Flood Lights *(26 55 53 12-0001)* See CSI section 26 55 53 11-0099 for accessories.		
26 55 53 13		**Security High Performance Flood Lights** ***(26 55 53)*** Note: For airport aprons and parking areas.		
26 55 53 13-0001		Lithonia High Performance Flood Lights *(26 55 53 13)*		
26 55 53 13-0002		170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0001)* Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 55 53 13-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,472.08	164.67
26 55 53 13-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,579.90	164.67
26 55 53 13-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,585.16	164.67
26 55 53 13-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,749.54	164.67
26 55 53 13-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,681.16	164.67
26 55 53 13-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,608.24	164.67
26 55 53 13-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,539.14	164.67
26 55 53 13-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,607.52	164.67
26 55 53 13-0013		Accessories For Lithonia High Performance Flood Lights *(26 55 53 13-0002)* See CSI section 26 55 53 11-0099 for accessories.		
26 55 61		**Theatrical Lighting** ***(26 55)***		
26 55 61 00-0001		Stage Lighting *(26 55 61)*		
26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.	423.06	121.29
26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.	423.06	121.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.	423.06	121.29
26 55 61 00-0005	EA	14" Scoop Floodlight Altman #SC14	434.66	121.29
26 55 61 00-0006	EA	6" Diameter Fresnel Spotlight, Spherical Specular Alzak Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.	314.21	121.29
26 55 61 00-0007	EA	8" Diameter Fresnel Spotlight, Spherical Specular Alzak Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.	481.71	121.29
26 55 61 00-0008	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	1,342.19	121.29
26 55 61 00-0009	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	1,605.84	121.29
26 55 61 00-0010	EA	PAR 64 Can Lighting With 20 Gauge Sheet Steel Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.	273.03	121.29
26 55 61 00-0011	EA	6' Long Borderlight Sections Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.	809.54	121.29
26 55 61 00-0012	EA	1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S)	1,726.43	121.29

26 55 70 Healthcare Lighting *(26 55)*

26 55 70 00-0001 Surgical Lighting Fixtures *(26 55 70)*

26 55 70 00-0002	EA	Surgical Lighting Fixture, 120 Volt, Max Va 126, 100 Volt Halogen	3,543.67	
26 55 70 00-0003	EA	Install Owner Furnished Surgical Lights	585.43	

26 55 70 00-0004 Patient Care Fluorescent Fixtures *(26 55 70)*

26 55 70 00-0005 Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) *(26 55 70 00-0004)*

Note: Includes ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.

26 55 70 00-0006	EA	2' x 2', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	854.62	45.89
26 55 70 00-0007	EA	2' x 4', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	941.33	45.89
26 55 70 00-0008	EA	2' x 4', 2 Biax Ambient Lamps, 4 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR2)	769.24	45.89

26 55 70 00-0009 Reading, Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) *(26 55 70 00-0004)*

Note: Includes reading, ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.

26 55 70 00-0010	EA	2' x 4', 1 Biax Reading Lamp, 2 Biax Ambient Lamps, 3 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR)	848.07	45.89

26 55 70 00-0011 Multi-Function Patient Care Fluorescent Fixtures (Day-Brite MPC) *(26 55 70 00-0004)*

Note: Includes reading, ambient, exam and nurses light, steel housing with baked enamel finish, acrylic diffuser and electronic ballasts.

26 55 70 00-0012	EA	2' x 4', 6 40W T5 Lamps, Multi-Function Patient Care Fluorescent Fixture (Day-Brite MPC)	1,276.64	45.89

26 56 Exterior Lighting *(26 50)*

26 56 13 Lighting Poles And Standards *(26 56)*

26 56 13 00-0001 Poles And Standards *(26 56 13)*

See CSI section 26 05 46 00-0000 for additional poles, 26 05 46 00-0001 for additional pole.

26 56 13 00-0002 Roadway Light Poles *(26 56 13 00-0001)*

Note: Excludes lighting fixtures.

26 56 13 00-0003 Steel Roadway Light Poles *(26 56 13 00-0002)*

Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

26 56 13 00-0004 Round Tapered, Steel Roadway Light Poles *(26 56 13 00-0003)*

26 56 13 00-0005 Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0004)*

26 56 13 00-0006 Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0005)*

26 56 13 00-0007	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,318.50	329.34
		For Galvanized Finish, Add	*79.79*	
		For >10 To 20, Deduct	*-82.96*	
		For >20 To 40, Deduct	*-165.93*	
		For >40, Deduct	*-265.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0008	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,325.07	329.34
		For Galvanized Finish, Add	*79.99*	
		For >10 To 20, Deduct	*-83.13*	
		For >20 To 40, Deduct	*-166.25*	
		For >40, Deduct	*-265.85*	
26 56 13 00-0009	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,583.58	439.12
		For Galvanized Finish, Add	*81.16*	
		For >10 To 20, Deduct	*-89.59*	
		For >20 To 40, Deduct	*-179.18*	
		For >40, Deduct	*-290.72*	
26 56 13 00-0010	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,662.63	439.12
		For Galvanized Finish, Add	*83.53*	
		For >10 To 20, Deduct	*-91.57*	
		For >20 To 40, Deduct	*-183.13*	
		For >40, Deduct	*-296.65*	
26 56 13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,741.68	439.12
		For Galvanized Finish, Add	*85.90*	
		For >10 To 20, Deduct	*-93.54*	
		For >20 To 40, Deduct	*-187.08*	
		For >40, Deduct	*-302.58*	
26 56 13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,868.11	494.01
		For Galvanized Finish, Add	*86.40*	
		For >10 To 20, Deduct	*-96.70*	
		For >20 To 40, Deduct	*-193.41*	
		For >40, Deduct	*-314.81*	
26 56 13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,905.60	494.01
		For Galvanized Finish, Add	*87.53*	
		For >10 To 20, Deduct	*-97.64*	
		For >20 To 40, Deduct	*-195.28*	
		For >40, Deduct	*-317.62*	
26 56 13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,912.73	494.01
		For Galvanized Finish, Add	*87.74*	
		For >10 To 20, Deduct	*-97.82*	
		For >20 To 40, Deduct	*-195.64*	
		For >40, Deduct	*-318.16*	
26 56 13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,100.68	521.45
		For Galvanized Finish, Add	*91.73*	
		For >10 To 20, Deduct	*-102.52*	
		For >20 To 40, Deduct	*-205.03*	
		For >40, Deduct	*-333.62*	
26 56 13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,129.00	521.45
		For Galvanized Finish, Add	*92.58*	
		For >10 To 20, Deduct	*-103.23*	
		For >20 To 40, Deduct	*-206.45*	
		For >40, Deduct	*-335.75*	
26 56 13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,159.91	521.45
		For Galvanized Finish, Add	*93.51*	
		For >10 To 20, Deduct	*-104.00*	
		For >20 To 40, Deduct	*-208.00*	
		For >40, Deduct	*-338.07*	
26 56 13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,768.61	548.89
		For Galvanized Finish, Add	*110.12*	
		For >10 To 20, Deduct	*-119.22*	
		For >20 To 40, Deduct	*-238.43*	
		For >40, Deduct	*-385.09*	
26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,778.69	548.89
		For Galvanized Finish, Add	*110.43*	
		For >10 To 20, Deduct	*-119.47*	
		For >20 To 40, Deduct	*-238.93*	
		For >40, Deduct	*-385.85*	
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,788.66	548.89
		For Galvanized Finish, Add	*110.73*	
		For >10 To 20, Deduct	*-119.72*	
		For >20 To 40, Deduct	*-239.43*	
		For >40, Deduct	*-386.59*	

26 56 13 00-0021 Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0022	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,145.72	384.23
		For Galvanized Finish, Add	*101.32*	
		For >10 To 20, Deduct	*-103.64*	
		For >20 To 40, Deduct	*-207.29*	
		For >40, Deduct	*-330.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0023	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,215.41	397.95
		For Galvanized Finish, Add	*102.59*	
		For >10 To 20, Deduct	*-105.39*	
		For >20 To 40, Deduct	*-210.77*	
		For >40, Deduct	*-336.05*	
26 56 13 00-0024	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,274.68	411.67
		For Galvanized Finish, Add	*103.54*	
		For >10 To 20, Deduct	*-106.87*	
		For >20 To 40, Deduct	*-213.73*	
		For >40, Deduct	*-341.18*	
26 56 13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,091.44	494.01
		For Galvanized Finish, Add	*93.10*	
		For >10 To 20, Deduct	*-102.29*	
		For >20 To 40, Deduct	*-204.57*	
		For >40, Deduct	*-331.56*	
26 56 13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,135.64	507.73
		For Galvanized Finish, Add	*93.61*	
		For >10 To 20, Deduct	*-103.39*	
		For >20 To 40, Deduct	*-206.78*	
		For >40, Deduct	*-335.56*	
26 56 13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,169.88	521.45
		For Galvanized Finish, Add	*93.81*	
		For >10 To 20, Deduct	*-104.25*	
		For >20 To 40, Deduct	*-208.49*	
		For >40, Deduct	*-338.81*	
26 56 13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,408.25	548.89
		For Galvanized Finish, Add	*99.31*	
		For >10 To 20, Deduct	*-110.21*	
		For >20 To 40, Deduct	*-220.41*	
		For >40, Deduct	*-358.06*	
26 56 13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,445.88	562.63
		For Galvanized Finish, Add	*99.62*	
		For >10 To 20, Deduct	*-111.15*	
		For >20 To 40, Deduct	*-222.29*	
		For >40, Deduct	*-361.57*	
26 56 13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,479.77	576.35
		For Galvanized Finish, Add	*99.81*	
		For >10 To 20, Deduct	*-111.99*	
		For >20 To 40, Deduct	*-223.99*	
		For >40, Deduct	*-364.80*	
26 56 13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,680.00	576.35
		For Galvanized Finish, Add	*105.82*	
		For >10 To 20, Deduct	*-117.00*	
		For >20 To 40, Deduct	*-234.00*	
		For >40, Deduct	*-379.82*	
26 56 13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,751.29	590.07
		For Galvanized Finish, Add	*107.13*	
		For >10 To 20, Deduct	*-118.78*	
		For >20 To 40, Deduct	*-237.56*	
		For >40, Deduct	*-385.85*	
26 56 13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,820.29	603.79
		For Galvanized Finish, Add	*108.38*	
		For >10 To 20, Deduct	*-120.51*	
		For >20 To 40, Deduct	*-241.01*	
		For >40, Deduct	*-391.71*	
26 56 13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	5,308.97	603.79
		For Galvanized Finish, Add	*123.04*	
		For >10 To 20, Deduct	*-132.72*	
		For >20 To 40, Deduct	*-265.45*	
		For >40, Deduct	*-428.36*	
26 56 13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,342.98	617.51
		For Galvanized Finish, Add	*123.24*	
		For >10 To 20, Deduct	*-133.57*	
		For >20 To 40, Deduct	*-267.15*	
		For >40, Deduct	*-431.60*	
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,377.23	631.23
		For Galvanized Finish, Add	*123.44*	
		For >10 To 20, Deduct	*-134.43*	
		For >20 To 40, Deduct	*-268.86*	
		For >40, Deduct	*-434.85*	

26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0005)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,822.07	548.89
		For Galvanized Finish, Add	*111.73*	
		For >10 To 20, Deduct	*-120.55*	
		For >20 To 40, Deduct	*-241.10*	
		For >40, Deduct	*-389.10*	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,883.63	576.35
		For Galvanized Finish, Add	*111.93*	
		For >10 To 20, Deduct	*-122.09*	
		For >20 To 40, Deduct	*-244.18*	
		For >40, Deduct	*-395.09*	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,955.18	603.79
		For Galvanized Finish, Add	*112.43*	
		For >10 To 20, Deduct	*-123.88*	
		For >20 To 40, Deduct	*-247.76*	
		For >40, Deduct	*-401.83*	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,098.78	603.79
		For Galvanized Finish, Add	*116.74*	
		For >10 To 20, Deduct	*-127.47*	
		For >20 To 40, Deduct	*-254.94*	
		For >40, Deduct	*-412.60*	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,163.52	631.23
		For Galvanized Finish, Add	*117.03*	
		For >10 To 20, Deduct	*-129.09*	
		For >20 To 40, Deduct	*-258.18*	
		For >40, Deduct	*-418.83*	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,225.09	658.68
		For Galvanized Finish, Add	*117.23*	
		For >10 To 20, Deduct	*-130.63*	
		For >20 To 40, Deduct	*-261.25*	
		For >40, Deduct	*-424.82*	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,427.06	631.23
		For Galvanized Finish, Add	*124.94*	
		For >10 To 20, Deduct	*-135.68*	
		For >20 To 40, Deduct	*-271.35*	
		For >40, Deduct	*-438.59*	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,488.63	658.68
		For Galvanized Finish, Add	*125.14*	
		For >10 To 20, Deduct	*-137.22*	
		For >20 To 40, Deduct	*-274.43*	
		For >40, Deduct	*-444.58*	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,550.20	686.13
		For Galvanized Finish, Add	*125.34*	
		For >10 To 20, Deduct	*-138.76*	
		For >20 To 40, Deduct	*-277.51*	
		For >40, Deduct	*-450.57*	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,849.33	658.68
		For Galvanized Finish, Add	*135.96*	
		For >10 To 20, Deduct	*-146.23*	
		For >20 To 40, Deduct	*-292.47*	
		For >40, Deduct	*-471.63*	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,910.57	686.13
		For Galvanized Finish, Add	*136.15*	
		For >10 To 20, Deduct	*-147.76*	
		For >20 To 40, Deduct	*-295.53*	
		For >40, Deduct	*-477.60*	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,978.82	713.57
		For Galvanized Finish, Add	*136.55*	
		For >10 To 20, Deduct	*-149.47*	
		For >20 To 40, Deduct	*-298.94*	
		For >40, Deduct	*-484.09*	

26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0051	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,365.71	603.79
		For Galvanized Finish, Add	*124.74*	
		For >10 To 20, Deduct	*-134.14*	
		For >20 To 40, Deduct	*-268.29*	
		For >40, Deduct	*-432.62*	
26 56 13 00-0052	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,458.01	644.95
		For Galvanized Finish, Add	*125.04*	
		For >10 To 20, Deduct	*-136.45*	
		For >20 To 40, Deduct	*-272.90*	
		For >40, Deduct	*-441.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0053	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,546.92	686.13
		For Galvanized Finish, Add	*125.24*	
		For >10 To 20, Deduct	*-138.67*	
		For >20 To 40, Deduct	*-277.35*	
		For >40, Deduct	*-450.33*	
26 56 13 00-0054	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,683.31	658.68
		For Galvanized Finish, Add	*130.98*	
		For >10 To 20, Deduct	*-142.08*	
		For >20 To 40, Deduct	*-284.17*	
		For >40, Deduct	*-459.18*	
26 56 13 00-0055	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,772.66	699.85
		For Galvanized Finish, Add	*131.19*	
		For >10 To 20, Deduct	*-144.32*	
		For >20 To 40, Deduct	*-288.63*	
		For >40, Deduct	*-467.94*	
26 56 13 00-0056	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,823.51	741.01
		For Galvanized Finish, Add	*130.24*	
		For >10 To 20, Deduct	*-145.59*	
		For >20 To 40, Deduct	*-291.18*	
		For >40, Deduct	*-473.81*	
26 56 13 00-0057	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	6,117.48	686.13
		For Galvanized Finish, Add	*142.36*	
		For >10 To 20, Deduct	*-152.94*	
		For >20 To 40, Deduct	*-305.87*	
		For >40, Deduct	*-493.12*	
26 56 13 00-0058	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,251.90	727.29
		For Galvanized Finish, Add	*143.92*	
		For >10 To 20, Deduct	*-156.30*	
		For >20 To 40, Deduct	*-312.60*	
		For >40, Deduct	*-505.26*	
26 56 13 00-0059	EA	35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,299.01	768.46
		For Galvanized Finish, Add	*142.86*	
		For >10 To 20, Deduct	*-157.48*	
		For >20 To 40, Deduct	*-314.95*	
		For >40, Deduct	*-510.85*	
26 56 13 00-0060	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	6,389.35	713.57
		For Galvanized Finish, Add	*148.87*	
		For >10 To 20, Deduct	*-159.73*	
		For >20 To 40, Deduct	*-319.47*	
		For >40, Deduct	*-514.88*	
26 56 13 00-0061	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,478.25	754.73
		For Galvanized Finish, Add	*149.06*	
		For >10 To 20, Deduct	*-161.96*	
		For >20 To 40, Deduct	*-323.91*	
		For >40, Deduct	*-523.61*	
26 56 13 00-0062	EA	40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,570.56	795.90
		For Galvanized Finish, Add	*149.36*	
		For >10 To 20, Deduct	*-164.26*	
		For >20 To 40, Deduct	*-328.53*	
		For >40, Deduct	*-532.59*	

26 56 13 00-0063 Round Tapered, Steel Roadway Light Poles With Davit Style Arm *(26 56 13 00-0004)*

26 56 13 00-0064 Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0063)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0065	EA	25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,828.21	439.12
		For Galvanized Finish, Add	*88.50*	
		For >10 To 20, Deduct	*-95.71*	
		For >20 To 40, Deduct	*-191.41*	
		For >40, Deduct	*-309.07*	
26 56 13 00-0066	EA	30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,333.35	494.01
		For Galvanized Finish, Add	*100.36*	
		For >10 To 20, Deduct	*-108.33*	
		For >20 To 40, Deduct	*-216.67*	
		For >40, Deduct	*-349.70*	
26 56 13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,443.27	521.45
		For Galvanized Finish, Add	*102.01*	
		For >10 To 20, Deduct	*-111.08*	
		For >20 To 40, Deduct	*-222.16*	
		For >40, Deduct	*-359.32*	
26 56 13 00-0068	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	5,342.57	548.89
		For Galvanized Finish, Add	*127.34*	
		For >10 To 20, Deduct	*-133.56*	
		For >20 To 40, Deduct	*-267.13*	
		For >40, Deduct	*-428.14*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0069		Round Tapered, Steel Roadway Light Poles With Truss Style Arms *(26 56 13 00-0004)*		
26 56 13 00-0070		Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0069)*		
26 56 13 00-0071	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,009.08	439.12
		For Galvanized Finish, Add	*123.93*	
		For >10 To 20, Deduct	*-125.23*	
		For >20 To 40, Deduct	*-250.45*	
		For >40, Deduct	*-397.64*	
26 56 13 00-0072	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,059.70	439.12
		For Galvanized Finish, Add	*125.44*	
		For >10 To 20, Deduct	*-126.49*	
		For >20 To 40, Deduct	*-252.99*	
		For >40, Deduct	*-401.43*	
26 56 13 00-0073	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,082.80	439.12
		For Galvanized Finish, Add	*126.14*	
		For >10 To 20, Deduct	*-127.07*	
		For >20 To 40, Deduct	*-254.14*	
		For >40, Deduct	*-403.17*	
26 56 13 00-0074	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,169.48	494.01
		For Galvanized Finish, Add	*125.44*	
		For >10 To 20, Deduct	*-129.24*	
		For >20 To 40, Deduct	*-258.47*	
		For >40, Deduct	*-412.41*	
26 56 13 00-0075	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,178.31	494.01
		For Galvanized Finish, Add	*125.71*	
		For >10 To 20, Deduct	*-129.46*	
		For >20 To 40, Deduct	*-258.92*	
		For >40, Deduct	*-413.07*	
26 56 13 00-0076	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,269.59	494.01
		For Galvanized Finish, Add	*128.45*	
		For >10 To 20, Deduct	*-131.74*	
		For >20 To 40, Deduct	*-263.48*	
		For >40, Deduct	*-419.92*	
26 56 13 00-0077	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,254.37	521.45
		For Galvanized Finish, Add	*126.34*	
		For >10 To 20, Deduct	*-131.36*	
		For >20 To 40, Deduct	*-262.72*	
		For >40, Deduct	*-420.15*	
26 56 13 00-0078	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,307.83	521.45
		For Galvanized Finish, Add	*127.95*	
		For >10 To 20, Deduct	*-132.70*	
		For >20 To 40, Deduct	*-265.39*	
		For >40, Deduct	*-424.16*	
26 56 13 00-0079	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,588.12	521.45
		For Galvanized Finish, Add	*136.36*	
		For >10 To 20, Deduct	*-139.70*	
		For >20 To 40, Deduct	*-279.41*	
		For >40, Deduct	*-445.18*	
26 56 13 00-0080		Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0069)*		
26 56 13 00-0081	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,575.42	548.89
		For Galvanized Finish, Add	*164.33*	
		For >10 To 20, Deduct	*-164.39*	
		For >20 To 40, Deduct	*-328.77*	
		For >40, Deduct	*-520.60*	
26 56 13 00-0082	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,678.77	576.35
		For Galvanized Finish, Add	*165.78*	
		For >10 To 20, Deduct	*-166.97*	
		For >20 To 40, Deduct	*-333.94*	
		For >40, Deduct	*-529.72*	
26 56 13 00-0083	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,923.93	603.79
		For Galvanized Finish, Add	*171.49*	
		For >10 To 20, Deduct	*-173.10*	
		For >20 To 40, Deduct	*-346.20*	
		For >40, Deduct	*-549.48*	
26 56 13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,657.11	603.79
		For Galvanized Finish, Add	*163.49*	
		For >10 To 20, Deduct	*-166.43*	
		For >20 To 40, Deduct	*-332.86*	
		For >40, Deduct	*-529.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,962.40	631.23
		For Galvanized Finish, Add	*171.00*	
		For >10 To 20, Deduct	*-174.06*	
		For >20 To 40, Deduct	*-348.12*	
		For >40, Deduct	*-553.74*	
26 56 13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,140.51	658.68
		For Galvanized Finish, Add	*174.69*	
		For >10 To 20, Deduct	*-178.51*	
		For >20 To 40, Deduct	*-357.03*	
		For >40, Deduct	*-568.47*	
26 56 13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,851.87	631.23
		For Galvanized Finish, Add	*167.68*	
		For >10 To 20, Deduct	*-171.30*	
		For >20 To 40, Deduct	*-342.59*	
		For >40, Deduct	*-545.45*	
26 56 13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	7,263.95	658.68
		For Galvanized Finish, Add	*178.40*	
		For >10 To 20, Deduct	*-181.60*	
		For >20 To 40, Deduct	*-363.20*	
		For >40, Deduct	*-577.73*	
26 56 13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,502.31	686.13
		For Galvanized Finish, Add	*183.90*	
		For >10 To 20, Deduct	*-187.56*	
		For >20 To 40, Deduct	*-375.12*	
		For >40, Deduct	*-596.98*	

26 56 13 00-0090 Aluminum Roadway Light Poles *(26 56 13 00-0002)*

Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

26 56 13 00-0091 Round Tapered, Aluminum Roadway Light Poles *(26 56 13 00-0090)*

26 56 13 00-0092 Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0091)*

26 56 13 00-0093 Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0092)*

26 56 13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,141.45	329.34
		For >10 To 20, Deduct	*-78.54*	
		For >20 To 40, Deduct	*-157.07*	
		For >40, Deduct	*-252.08*	
26 56 13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,171.50	329.34
		For >10 To 20, Deduct	*-79.29*	
		For >20 To 40, Deduct	*-158.58*	
		For >40, Deduct	*-254.33*	
26 56 13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,814.67	439.12
		For >10 To 20, Deduct	*-95.37*	
		For >20 To 40, Deduct	*-190.73*	
		For >40, Deduct	*-308.06*	
26 56 13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,871.46	439.12
		For >10 To 20, Deduct	*-96.79*	
		For >20 To 40, Deduct	*-193.57*	
		For >40, Deduct	*-312.32*	
26 56 13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,923.68	439.12
		For >10 To 20, Deduct	*-98.09*	
		For >20 To 40, Deduct	*-196.18*	
		For >40, Deduct	*-316.23*	
26 56 13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,389.08	494.01
		For >10 To 20, Deduct	*-109.73*	
		For >20 To 40, Deduct	*-219.45*	
		For >40, Deduct	*-353.88*	
26 56 13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,436.99	494.01
		For >10 To 20, Deduct	*-110.92*	
		For >20 To 40, Deduct	*-221.85*	
		For >40, Deduct	*-357.47*	
26 56 13 00-0101	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,490.58	494.01
		For >10 To 20, Deduct	*-112.26*	
		For >20 To 40, Deduct	*-224.53*	
		For >40, Deduct	*-361.49*	
26 56 13 00-0102	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	5,201.99	521.45
		For >10 To 20, Deduct	*-130.05*	
		For >20 To 40, Deduct	*-260.10*	
		For >40, Deduct	*-416.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0103	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	5,249.78	521.45
		For >10 To 20, Deduct	*-131.24*	
		For >20 To 40, Deduct	*-262.49*	
		For >40, Deduct	*-419.81*	
26 56 13 00-0104	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	5,289.82	521.45
		For >10 To 20, Deduct	*-132.25*	
		For >20 To 40, Deduct	*-264.49*	
		For >40, Deduct	*-422.81*	

26 56 13 00-0105 Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0106	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,592.43	384.23
		For >10 To 20, Deduct	*-89.81*	
		For >20 To 40, Deduct	*-179.62*	
		For >40, Deduct	*-288.64*	
26 56 13 00-0107	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,886.95	384.23
		For >10 To 20, Deduct	*-97.17*	
		For >20 To 40, Deduct	*-194.35*	
		For >40, Deduct	*-310.73*	
26 56 13 00-0108	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,999.24	411.67
		For >10 To 20, Deduct	*-99.98*	
		For >20 To 40, Deduct	*-199.96*	
		For >40, Deduct	*-320.53*	
26 56 13 00-0109	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,249.52	494.01
		For >10 To 20, Deduct	*-106.24*	
		For >20 To 40, Deduct	*-212.48*	
		For >40, Deduct	*-343.41*	
26 56 13 00-0110	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,464.43	507.73
		For >10 To 20, Deduct	*-111.61*	
		For >20 To 40, Deduct	*-223.22*	
		For >40, Deduct	*-360.22*	
26 56 13 00-0111	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,780.72	521.45
		For >10 To 20, Deduct	*-119.52*	
		For >20 To 40, Deduct	*-239.04*	
		For >40, Deduct	*-384.63*	
26 56 13 00-0112	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,927.15	548.89
		For >10 To 20, Deduct	*-123.18*	
		For >20 To 40, Deduct	*-246.36*	
		For >40, Deduct	*-396.98*	
26 56 13 00-0113	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,128.51	562.63
		For >10 To 20, Deduct	*-128.21*	
		For >20 To 40, Deduct	*-256.43*	
		For >40, Deduct	*-412.77*	
26 56 13 00-0114	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,377.43	576.35
		For >10 To 20, Deduct	*-134.44*	
		For >20 To 40, Deduct	*-268.87*	
		For >40, Deduct	*-432.12*	
26 56 13 00-0115	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	5,637.95	576.35
		For >10 To 20, Deduct	*-140.95*	
		For >20 To 40, Deduct	*-281.90*	
		For >40, Deduct	*-451.66*	
26 56 13 00-0116	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	6,207.63	590.07
		For >10 To 20, Deduct	*-155.19*	
		For >20 To 40, Deduct	*-310.38*	
		For >40, Deduct	*-495.08*	
26 56 13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	6,872.52	603.79
		For >10 To 20, Deduct	*-171.81*	
		For >20 To 40, Deduct	*-343.63*	
		For >40, Deduct	*-545.63*	

26 56 13 00-0118 Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,176.32	439.12
		For >10 To 20, Deduct	*-104.41*	
		For >20 To 40, Deduct	*-208.82*	
		For >40, Deduct	*-335.18*	
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,469.44	466.57
		For >10 To 20, Deduct	*-111.74*	
		For >20 To 40, Deduct	*-223.47*	
		For >40, Deduct	*-358.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,062.76	548.89
		For >10 To 20, Deduct	*-126.57*	
		For >20 To 40, Deduct	*-253.14*	
		For >40, Deduct	*-407.15*	
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,275.19	576.35
		For >10 To 20, Deduct	*-131.88*	
		For >20 To 40, Deduct	*-263.76*	
		For >40, Deduct	*-424.46*	
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,524.34	603.79
		For >10 To 20, Deduct	*-138.11*	
		For >20 To 40, Deduct	*-276.22*	
		For >40, Deduct	*-444.52*	
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,714.85	631.23
		For >10 To 20, Deduct	*-142.87*	
		For >20 To 40, Deduct	*-285.74*	
		For >40, Deduct	*-460.18*	
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,996.92	631.23
		For >10 To 20, Deduct	*-149.92*	
		For >20 To 40, Deduct	*-299.85*	
		For >40, Deduct	*-481.33*	
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	6,552.41	658.68
		For >10 To 20, Deduct	*-163.81*	
		For >20 To 40, Deduct	*-327.62*	
		For >40, Deduct	*-524.36*	
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	6,897.55	686.13
		For >10 To 20, Deduct	*-172.44*	
		For >20 To 40, Deduct	*-344.88*	
		For >40, Deduct	*-551.62*	

26 56 13 00-0128 Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,285.36	494.01
		For >10 To 20, Deduct	*-107.13*	
		For >20 To 40, Deduct	*-214.27*	
		For >40, Deduct	*-346.10*	
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,465.69	494.01
		For >10 To 20, Deduct	*-111.64*	
		For >20 To 40, Deduct	*-223.28*	
		For >40, Deduct	*-359.63*	
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,535.55	603.79
		For >10 To 20, Deduct	*-138.39*	
		For >20 To 40, Deduct	*-276.78*	
		For >40, Deduct	*-445.36*	
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,002.32	644.95
		For >10 To 20, Deduct	*-150.06*	
		For >20 To 40, Deduct	*-300.12*	
		For >40, Deduct	*-482.42*	
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	6,275.38	658.68
		For >10 To 20, Deduct	*-156.88*	
		For >20 To 40, Deduct	*-313.77*	
		For >40, Deduct	*-503.59*	
26 56 13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,702.24	699.85
		For >10 To 20, Deduct	*-167.56*	
		For >20 To 40, Deduct	*-335.11*	
		For >40, Deduct	*-537.66*	
26 56 13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	6,616.17	686.13
		For >10 To 20, Deduct	*-165.40*	
		For >20 To 40, Deduct	*-330.81*	
		For >40, Deduct	*-530.52*	
26 56 13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	7,581.31	727.29
		For >10 To 20, Deduct	*-189.53*	
		For >20 To 40, Deduct	*-379.07*	
		For >40, Deduct	*-604.96*	
26 56 13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	8,429.56	768.46
		For >10 To 20, Deduct	*-210.74*	
		For >20 To 40, Deduct	*-421.48*	
		For >40, Deduct	*-670.64*	

26 56 13 00-0138 Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms *(26 56 13 00-0091)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0139		Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0138)*		
26 56 13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,649.08	439.12
		For >10 To 20, Deduct	*-116.23*	
		For >20 To 40, Deduct	*-232.45*	
		For >40, Deduct	*-370.64*	
26 56 13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,689.23	439.12
		For >10 To 20, Deduct	*-117.23*	
		For >20 To 40, Deduct	*-234.46*	
		For >40, Deduct	*-373.65*	
26 56 13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,791.84	439.12
		For >10 To 20, Deduct	*-119.80*	
		For >20 To 40, Deduct	*-239.59*	
		For >40, Deduct	*-381.34*	
26 56 13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,945.81	439.12
		For >10 To 20, Deduct	*-123.65*	
		For >20 To 40, Deduct	*-247.29*	
		For >40, Deduct	*-392.89*	
26 56 13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	5,234.94	494.01
		For >10 To 20, Deduct	*-130.87*	
		For >20 To 40, Deduct	*-261.75*	
		For >40, Deduct	*-417.32*	
26 56 13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,325.47	494.01
		For >10 To 20, Deduct	*-133.14*	
		For >20 To 40, Deduct	*-266.27*	
		For >40, Deduct	*-424.11*	
26 56 13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,422.04	494.01
		For >10 To 20, Deduct	*-135.55*	
		For >20 To 40, Deduct	*-271.10*	
		For >40, Deduct	*-431.35*	
26 56 13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	6,004.55	494.01
		For >10 To 20, Deduct	*-150.11*	
		For >20 To 40, Deduct	*-300.23*	
		For >40, Deduct	*-475.04*	
26 56 13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	5,704.06	521.45
		For >10 To 20, Deduct	*-142.60*	
		For >20 To 40, Deduct	*-285.20*	
		For >40, Deduct	*-453.88*	
26 56 13 00-0149	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	6,451.51	521.45
		For >10 To 20, Deduct	*-161.29*	
		For >20 To 40, Deduct	*-322.58*	
		For >40, Deduct	*-509.94*	
26 56 13 00-0150	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	6,524.30	521.45
		For >10 To 20, Deduct	*-163.11*	
		For >20 To 40, Deduct	*-326.22*	
		For >40, Deduct	*-515.40*	
26 56 13 00-0151	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	6,986.47	521.45
		For >10 To 20, Deduct	*-174.66*	
		For >20 To 40, Deduct	*-349.32*	
		For >40, Deduct	*-550.06*	
26 56 13 00-0152	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	7,407.98	521.45
		For >10 To 20, Deduct	*-185.20*	
		For >20 To 40, Deduct	*-370.40*	
		For >40, Deduct	*-581.67*	
26 56 13 00-0153		Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0138)*		
26 56 13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,055.82	548.89
		For >10 To 20, Deduct	*-151.40*	
		For >20 To 40, Deduct	*-302.79*	
		For >40, Deduct	*-481.63*	
26 56 13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,213.31	576.35
		For >10 To 20, Deduct	*-155.33*	
		For >20 To 40, Deduct	*-310.67*	
		For >40, Deduct	*-494.82*	
26 56 13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,334.23	603.79
		For >10 To 20, Deduct	*-158.36*	
		For >20 To 40, Deduct	*-316.71*	
		For >40, Deduct	*-505.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,510.13	603.79
		For >10 To 20, Deduct	*-162.75*	
		For >20 To 40, Deduct	*-325.51*	
		For >40, Deduct	*-518.45*	
26 56 13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	7,099.86	631.23
		For >10 To 20, Deduct	*-177.50*	
		For >20 To 40, Deduct	*-354.99*	
		For >40, Deduct	*-564.05*	
26 56 13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	8,210.01	658.68
		For >10 To 20, Deduct	*-205.25*	
		For >20 To 40, Deduct	*-410.50*	
		For >40, Deduct	*-648.68*	
26 56 13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	7,946.21	631.23
		For >10 To 20, Deduct	*-198.66*	
		For >20 To 40, Deduct	*-397.31*	
		For >40, Deduct	*-627.53*	
26 56 13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	8,087.08	658.68
		For >10 To 20, Deduct	*-202.18*	
		For >20 To 40, Deduct	*-404.35*	
		For >40, Deduct	*-639.47*	
26 56 13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	9,946.52	686.13
		For >10 To 20, Deduct	*-248.66*	
		For >20 To 40, Deduct	*-497.33*	
		For >40, Deduct	*-780.30*	

26 56 13 00-0163 Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm *(26 56 13 00-0091)*

26 56 13 00-0164 Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0163)*

26 56 13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,843.31	329.34
		For >10 To 20, Deduct	*-96.08*	
		For >20 To 40, Deduct	*-192.17*	
		For >40, Deduct	*-304.72*	
26 56 13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,956.76	329.34
		For >10 To 20, Deduct	*-98.92*	
		For >20 To 40, Deduct	*-197.84*	
		For >40, Deduct	*-313.22*	
26 56 13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,070.45	329.34
		For >10 To 20, Deduct	*-101.76*	
		For >20 To 40, Deduct	*-203.52*	
		For >40, Deduct	*-321.75*	
26 56 13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,526.76	439.12
		For >10 To 20, Deduct	*-113.17*	
		For >20 To 40, Deduct	*-226.34*	
		For >40, Deduct	*-361.46*	
26 56 13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,613.23	439.12
		For >10 To 20, Deduct	*-115.33*	
		For >20 To 40, Deduct	*-230.66*	
		For >40, Deduct	*-367.95*	
26 56 13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,707.71	439.12
		For >10 To 20, Deduct	*-117.69*	
		For >20 To 40, Deduct	*-235.39*	
		For >40, Deduct	*-375.03*	
26 56 13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	5,110.53	494.01
		For >10 To 20, Deduct	*-127.76*	
		For >20 To 40, Deduct	*-255.53*	
		For >40, Deduct	*-407.99*	
26 56 13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	5,227.92	494.01
		For >10 To 20, Deduct	*-130.70*	
		For >20 To 40, Deduct	*-261.40*	
		For >40, Deduct	*-416.79*	
26 56 13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	5,245.53	494.01
		For >10 To 20, Deduct	*-131.14*	
		For >20 To 40, Deduct	*-262.28*	
		For >40, Deduct	*-418.12*	
26 56 13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	5,583.10	521.45
		For >10 To 20, Deduct	*-139.58*	
		For >20 To 40, Deduct	*-279.16*	
		For >40, Deduct	*-444.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	5,634.59	521.45
		For >10 To 20, Deduct	*-140.86*	
		For >20 To 40, Deduct	*-281.73*	
		For >40, Deduct	*-448.67*	
26 56 13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	5,755.31	521.45
		For >10 To 20, Deduct	*-143.88*	
		For >20 To 40, Deduct	*-287.77*	
		For >40, Deduct	*-457.72*	

26 56 13 00-0177 Area Light Poles *(26 56 13 00-0001)*

Note: Excludes lighting fixtures.

26 56 13 00-0178 Steel Area Light Poles *(26 56 13 00-0177)*

Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0179 Round Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0180 Round Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0179)*

26 56 13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	852.69	192.12
		For Galvanized Finish, Add	*14.05*	
		For >10 To 20, Deduct	*-28.34*	
		For >20 To 40, Deduct	*-52.00*	
		For >40, Deduct	*-108.69*	
26 56 13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	933.53	219.56
		For Galvanized Finish, Add	*14.83*	
		For >10 To 20, Deduct	*-30.75*	
		For >20 To 40, Deduct	*-56.56*	
		For >40, Deduct	*-118.07*	
26 56 13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,044.22	247.00
		For Galvanized Finish, Add	*16.51*	
		For >10 To 20, Deduct	*-34.36*	
		For >20 To 40, Deduct	*-63.22*	
		For >40, Deduct	*-131.93*	
26 56 13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,157.50	274.45
		For Galvanized Finish, Add	*18.26*	
		For >10 To 20, Deduct	*-38.07*	
		For >20 To 40, Deduct	*-70.05*	
		For >40, Deduct	*-146.18*	
26 56 13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,238.35	301.89
		For Galvanized Finish, Add	*19.04*	
		For >10 To 20, Deduct	*-40.48*	
		For >20 To 40, Deduct	*-74.61*	
		For >40, Deduct	*-155.56*	
26 56 13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,312.71	329.34
		For Galvanized Finish, Add	*19.62*	
		For >10 To 20, Deduct	*-42.63*	
		For >20 To 40, Deduct	*-78.72*	
		For >40, Deduct	*-163.97*	
26 56 13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	886.43	192.12
		For Galvanized Finish, Add	*15.07*	
		For >10 To 20, Deduct	*-29.69*	
		For >20 To 40, Deduct	*-54.37*	
		For >40, Deduct	*-113.75*	
26 56 13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	968.57	219.56
		For Galvanized Finish, Add	*15.88*	
		For >10 To 20, Deduct	*-32.16*	
		For >20 To 40, Deduct	*-59.02*	
		For >40, Deduct	*-123.33*	
26 56 13 00-0189	EA	14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,114.30	247.00
		For Galvanized Finish, Add	*18.61*	
		For >10 To 20, Deduct	*-37.16*	
		For >20 To 40, Deduct	*-68.12*	
		For >40, Deduct	*-142.44*	
26 56 13 00-0190	EA	16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,202.92	274.45
		For Galvanized Finish, Add	*19.62*	
		For >10 To 20, Deduct	*-39.88*	
		For >20 To 40, Deduct	*-73.23*	
		For >40, Deduct	*-152.99*	
26 56 13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,287.66	301.89
		For Galvanized Finish, Add	*20.52*	
		For >10 To 20, Deduct	*-42.45*	
		For >20 To 40, Deduct	*-78.06*	
		For >40, Deduct	*-162.96*	
26 56 13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,359.42	329.34
		For Galvanized Finish, Add	*21.02*	
		For >10 To 20, Deduct	*-44.50*	
		For >20 To 40, Deduct	*-81.99*	
		For >40, Deduct	*-170.98*	
26 56 13 00-0193	EA	25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,627.00	439.12
		For Galvanized Finish, Add	*22.46*	
		For >10 To 20, Deduct	*-51.91*	
		For >20 To 40, Deduct	*-96.33*	
		For >40, Deduct	*-200.14*	
26 56 13 00-0194	EA	10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	886.43	192.12
		For Galvanized Finish, Add	*15.07*	
		For >10 To 20, Deduct	*-29.69*	
		For >20 To 40, Deduct	*-54.37*	
		For >40, Deduct	*-113.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0195	EA	12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	972.46	219.56
		For Galvanized Finish, Add	*16.00*	
		For >10 To 20, Deduct	*-32.31*	
		For >20 To 40, Deduct	*-59.29*	
		For >40, Deduct	*-123.91*	
26 56 13 00-0196	EA	14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,135.06	247.00
		For Galvanized Finish, Add	*19.23*	
		For >10 To 20, Deduct	*-37.99*	
		For >20 To 40, Deduct	*-69.57*	
		For >40, Deduct	*-145.56*	
26 56 13 00-0197	EA	16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,206.81	274.45
		For Galvanized Finish, Add	*19.74*	
		For >10 To 20, Deduct	*-40.04*	
		For >20 To 40, Deduct	*-73.50*	
		For >40, Deduct	*-153.58*	
26 56 13 00-0198	EA	18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,287.66	301.89
		For Galvanized Finish, Add	*20.52*	
		For >10 To 20, Deduct	*-42.45*	
		For >20 To 40, Deduct	*-78.06*	
		For >40, Deduct	*-162.96*	
26 56 13 00-0199	EA	20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,359.42	329.34
		For Galvanized Finish, Add	*21.02*	
		For >10 To 20, Deduct	*-44.50*	
		For >20 To 40, Deduct	*-81.99*	
		For >40, Deduct	*-170.98*	
26 56 13 00-0200	EA	25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,663.33	439.12
		For Galvanized Finish, Add	*23.55*	
		For >10 To 20, Deduct	*-53.36*	
		For >20 To 40, Deduct	*-98.87*	
		For >40, Deduct	*-205.59*	
26 56 13 00-0201	EA	30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,840.59	494.01
		For Galvanized Finish, Add	*25.58*	
		For >10 To 20, Deduct	*-58.80*	
		For >20 To 40, Deduct	*-109.08*	
		For >40, Deduct	*-226.69*	
26 56 13 00-0202	EA	20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,442.47	329.34
		For Galvanized Finish, Add	*23.51*	
		For >10 To 20, Deduct	*-47.82*	
		For >20 To 40, Deduct	*-87.80*	
		For >40, Deduct	*-183.44*	
26 56 13 00-0203	EA	25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,680.20	439.12
		For Galvanized Finish, Add	*24.06*	
		For >10 To 20, Deduct	*-54.03*	
		For >20 To 40, Deduct	*-100.05*	
		For >40, Deduct	*-208.12*	
26 56 13 00-0204	EA	30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,873.03	494.01
		For Galvanized Finish, Add	*26.55*	
		For >10 To 20, Deduct	*-60.10*	
		For >20 To 40, Deduct	*-111.35*	
		For >40, Deduct	*-231.55*	

26 56 13 00-0205 Round Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0205)*

26 56 13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,735.75	329.34
		For Galvanized Finish, Add	*32.31*	
		For >10 To 20, Deduct	*-59.55*	
		For >20 To 40, Deduct	*-108.33*	
		For >40, Deduct	*-227.43*	
26 56 13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,775.97	329.34
		For Galvanized Finish, Add	*33.52*	
		For >10 To 20, Deduct	*-61.16*	
		For >20 To 40, Deduct	*-111.14*	
		For >40, Deduct	*-233.46*	
26 56 13 00-0209	EA	25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,083.78	439.12
		For Galvanized Finish, Add	*36.17*	
		For >10 To 20, Deduct	*-70.18*	
		For >20 To 40, Deduct	*-128.30*	
		For >40, Deduct	*-268.66*	
26 56 13 00-0210	EA	25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,166.83	439.12
		For Galvanized Finish, Add	*38.66*	
		For >10 To 20, Deduct	*-73.50*	
		For >20 To 40, Deduct	*-134.11*	
		For >40, Deduct	*-281.11*	
26 56 13 00-0211	EA	30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,323.32	494.01
		For Galvanized Finish, Add	*40.06*	
		For >10 To 20, Deduct	*-78.11*	
		For >20 To 40, Deduct	*-142.87*	
		For >40, Deduct	*-299.10*	
26 56 13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,462.17	494.01
		For Galvanized Finish, Add	*44.22*	
		For >10 To 20, Deduct	*-83.67*	
		For >20 To 40, Deduct	*-152.59*	
		For >40, Deduct	*-319.92*	
26 56 13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,545.60	521.45
		For Galvanized Finish, Add	*45.08*	
		For >10 To 20, Deduct	*-86.18*	
		For >20 To 40, Deduct	*-157.33*	
		For >40, Deduct	*-329.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,631.25	521.45
		For Galvanized Finish, Add	*47.65*	
		For >10 To 20, Deduct	*-89.61*	
		For >20 To 40, Deduct	*-163.33*	
		For >40, Deduct	*-342.54*	
26 56 13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,836.28	521.45
		For Galvanized Finish, Add	*53.80*	
		For >10 To 20, Deduct	*-97.81*	
		For >20 To 40, Deduct	*-177.68*	
		For >40, Deduct	*-373.30*	
26 56 13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,875.61	548.89
		For Galvanized Finish, Add	*53.33*	
		For >10 To 20, Deduct	*-98.56*	
		For >20 To 40, Deduct	*-179.34*	
		For >40, Deduct	*-376.45*	
26 56 13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,911.94	548.89
		For Galvanized Finish, Add	*54.42*	
		For >10 To 20, Deduct	*-100.01*	
		For >20 To 40, Deduct	*-181.88*	
		For >40, Deduct	*-381.90*	
26 56 13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,940.73	713.57
		For Galvanized Finish, Add	*75.41*	
		For >10 To 20, Deduct	*-136.22*	
		For >20 To 40, Deduct	*-247.31*	
		For >40, Deduct	*-519.75*	
26 56 13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,152.49	823.35
		For Galvanized Finish, Add	*75.17*	
		For >10 To 20, Deduct	*-141.40*	
		For >20 To 40, Deduct	*-257.74*	
		For >40, Deduct	*-540.54*	
26 56 13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	2,730.02	439.12
		For Galvanized Finish, Add	*55.55*	
		For >10 To 20, Deduct	*-96.03*	
		For >20 To 40, Deduct	*-173.54*	
		For >40, Deduct	*-365.59*	
26 56 13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,096.73	494.01
		For Galvanized Finish, Add	*63.26*	
		For >10 To 20, Deduct	*-109.05*	
		For >20 To 40, Deduct	*-197.01*	
		For >40, Deduct	*-415.11*	
26 56 13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,575.05	548.89
		For Galvanized Finish, Add	*74.32*	
		For >10 To 20, Deduct	*-126.54*	
		For >20 To 40, Deduct	*-228.30*	
		For >40, Deduct	*-481.37*	
26 56 13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,345.60	713.57
		For Galvanized Finish, Add	*87.55*	
		For >10 To 20, Deduct	*-152.42*	
		For >20 To 40, Deduct	*-275.65*	
		For >40, Deduct	*-580.48*	
26 56 13 00-0224	EA	50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,066.05	823.35
		For Galvanized Finish, Add	*102.58*	
		For >10 To 20, Deduct	*-177.94*	
		For >20 To 40, Deduct	*-321.69*	
		For >40, Deduct	*-677.57*	
26 56 13 00-0225	EA	50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,594.20	823.35
		For Galvanized Finish, Add	*118.43*	
		For >10 To 20, Deduct	*-199.07*	
		For >20 To 40, Deduct	*-358.66*	
		For >40, Deduct	*-756.80*	
26 56 13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,359.03	823.35
		For Galvanized Finish, Add	*171.37*	
		For >10 To 20, Deduct	*-269.66*	
		For >20 To 40, Deduct	*-482.20*	
		For >40, Deduct	*-1,021.52*	
26 56 13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	8,215.50	823.35
		For Galvanized Finish, Add	*197.06*	
		For >10 To 20, Deduct	*-303.92*	
		For >20 To 40, Deduct	*-542.15*	
		For >40, Deduct	*-1,149.99*	

26 56 13 00-0228 Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0229 Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0228)*

26 56 13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	842.31	192.12
		For Galvanized Finish, Add	*13.74*	
		For >10 To 20, Deduct	*-27.93*	
		For >20 To 40, Deduct	*-51.28*	
		For >40, Deduct	*-107.14*	
26 56 13 00-0231	EA	12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	897.20	219.56
		For Galvanized Finish, Add	*13.74*	
		For >10 To 20, Deduct	*-29.30*	
		For >20 To 40, Deduct	*-54.02*	
		For >40, Deduct	*-112.62*	
26 56 13 00-0232	EA	14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	974.15	247.00
		For Galvanized Finish, Add	*14.40*	
		For >10 To 20, Deduct	*-31.56*	
		For >20 To 40, Deduct	*-58.31*	
		For >40, Deduct	*-121.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0233	EA	15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,032.73	260.73
		For Galvanized Finish, Add	*15.34*	
		For >10 To 20, Deduct	*-33.49*	
		For >20 To 40, Deduct	*-61.86*	
		For >40, Deduct	*-128.84*	
26 56 13 00-0234	EA	16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,060.17	274.45
		For Galvanized Finish, Add	*15.34*	
		For >10 To 20, Deduct	*-34.17*	
		For >20 To 40, Deduct	*-63.23*	
		For >40, Deduct	*-131.58*	
26 56 13 00-0235	EA	18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,129.35	301.89
		For Galvanized Finish, Add	*15.77*	
		For >10 To 20, Deduct	*-36.12*	
		For >20 To 40, Deduct	*-66.98*	
		For >40, Deduct	*-139.21*	
26 56 13 00-0236	EA	20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,195.92	329.34
		For Galvanized Finish, Add	*16.12*	
		For >10 To 20, Deduct	*-37.96*	
		For >20 To 40, Deduct	*-70.54*	
		For >40, Deduct	*-146.45*	
26 56 13 00-0237	EA	25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,493.34	439.12
		For Galvanized Finish, Add	*18.45*	
		For >10 To 20, Deduct	*-46.56*	
		For >20 To 40, Deduct	*-86.97*	
		For >40, Deduct	*-180.09*	
26 56 13 00-0238	EA	20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,371.10	329.34
		For Galvanized Finish, Add	*21.37*	
		For >10 To 20, Deduct	*-44.96*	
		For >20 To 40, Deduct	*-82.80*	
		For >40, Deduct	*-172.73*	
26 56 13 00-0239	EA	25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,734.70	439.12
		For Galvanized Finish, Add	*25.69*	
		For >10 To 20, Deduct	*-56.21*	
		For >20 To 40, Deduct	*-103.86*	
		For >40, Deduct	*-216.29*	
26 56 13 00-0240	EA	30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,985.93	494.01
		For Galvanized Finish, Add	*29.94*	
		For >10 To 20, Deduct	*-64.62*	
		For >20 To 40, Deduct	*-119.25*	
		For >40, Deduct	*-248.49*	
26 56 13 00-0241	EA	20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,323.09	329.34
		For Galvanized Finish, Add	*19.93*	
		For >10 To 20, Deduct	*-43.04*	
		For >20 To 40, Deduct	*-79.44*	
		For >40, Deduct	*-165.53*	
26 56 13 00-0242	EA	25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,641.27	439.12
		For Galvanized Finish, Add	*22.89*	
		For >10 To 20, Deduct	*-52.48*	
		For >20 To 40, Deduct	*-97.32*	
		For >40, Deduct	*-202.28*	
26 56 13 00-0243	EA	30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,905.47	494.01
		For Galvanized Finish, Add	*27.52*	
		For >10 To 20, Deduct	*-61.40*	
		For >20 To 40, Deduct	*-113.62*	
		For >40, Deduct	*-236.42*	
26 56 13 00-0244	EA	20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,487.89	329.34
		For Galvanized Finish, Add	*24.88*	
		For >10 To 20, Deduct	*-49.64*	
		For >20 To 40, Deduct	*-90.98*	
		For >40, Deduct	*-190.25*	
26 56 13 00-0245	EA	25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,851.49	439.12
		For Galvanized Finish, Add	*29.20*	
		For >10 To 20, Deduct	*-60.89*	
		For >20 To 40, Deduct	*-112.04*	
		For >40, Deduct	*-233.81*	
26 56 13 00-0246	EA	30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,096.23	494.01
		For Galvanized Finish, Add	*33.25*	
		For >10 To 20, Deduct	*-69.03*	
		For >20 To 40, Deduct	*-126.98*	
		For >40, Deduct	*-265.03*	
26 56 13 00-0247	EA	35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,312.02	521.45
		For Galvanized Finish, Add	*38.07*	
		For >10 To 20, Deduct	*-76.84*	
		For >20 To 40, Deduct	*-140.98*	
		For >40, Deduct	*-294.66*	
26 56 13 00-0248	EA	30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,351.87	494.01
		For Galvanized Finish, Add	*40.92*	
		For >10 To 20, Deduct	*-79.25*	
		For >20 To 40, Deduct	*-144.87*	
		For >40, Deduct	*-303.38*	
26 56 13 00-0249	EA	35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,568.96	521.45
		For Galvanized Finish, Add	*45.78*	
		For >10 To 20, Deduct	*-87.11*	
		For >20 To 40, Deduct	*-158.97*	
		For >40, Deduct	*-333.20*	
26 56 13 00-0250	EA	40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,715.99	548.89
		For Galvanized Finish, Add	*48.55*	
		For >10 To 20, Deduct	*-92.17*	
		For >20 To 40, Deduct	*-168.16*	
		For >40, Deduct	*-352.51*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0251		Hinged, Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*		
26 56 13 00-0252		Hinged, Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0251)*		
26 56 13 00-0253	EA	20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,810.49	329.34
		For Galvanized Finish, Add	*64.55*	
		For >10 To 20, Deduct	*-102.54*	
		For >20 To 40, Deduct	*-183.56*	
		For >40, Deduct	*-388.64*	
26 56 13 00-0254	EA	25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,176.35	439.12
		For Galvanized Finish, Add	*68.94*	
		For >10 To 20, Deduct	*-113.88*	
		For >20 To 40, Deduct	*-204.78*	
		For >40, Deduct	*-432.54*	
26 56 13 00-0255	EA	30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,379.29	494.01
		For Galvanized Finish, Add	*101.74*	
		For >10 To 20, Deduct	*-160.35*	
		For >20 To 40, Deduct	*-286.79*	
		For >40, Deduct	*-607.49*	
26 56 13 00-0256	EA	20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,862.94	329.34
		For Galvanized Finish, Add	*66.13*	
		For >10 To 20, Deduct	*-104.64*	
		For >20 To 40, Deduct	*-187.23*	
		For >40, Deduct	*-396.51*	
26 56 13 00-0257	EA	25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,481.39	439.12
		For Galvanized Finish, Add	*78.09*	
		For >10 To 20, Deduct	*-126.08*	
		For >20 To 40, Deduct	*-226.13*	
		For >40, Deduct	*-478.30*	
26 56 13 00-0258	EA	30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,833.39	494.01
		For Galvanized Finish, Add	*115.36*	
		For >10 To 20, Deduct	*-178.52*	
		For >20 To 40, Deduct	*-318.58*	
		For >40, Deduct	*-675.61*	
26 56 13 00-0259	EA	35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,521.81	521.45
		For Galvanized Finish, Add	*134.37*	
		For >10 To 20, Deduct	*-205.23*	
		For >20 To 40, Deduct	*-365.67*	
		For >40, Deduct	*-776.13*	
26 56 13 00-0260	EA	39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,455.93	548.89
		For Galvanized Finish, Add	*160.74*	
		For >10 To 20, Deduct	*-241.77*	
		For >20 To 40, Deduct	*-429.96*	
		For >40, Deduct	*-913.50*	
26 56 13 00-0261	EA	20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,727.67	329.34
		For Galvanized Finish, Add	*62.07*	
		For >10 To 20, Deduct	*-99.23*	
		For >20 To 40, Deduct	*-177.76*	
		For >40, Deduct	*-376.22*	
26 56 13 00-0262	EA	25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,043.85	439.12
		For Galvanized Finish, Add	*64.97*	
		For >10 To 20, Deduct	*-108.58*	
		For >20 To 40, Deduct	*-195.50*	
		For >40, Deduct	*-412.67*	
26 56 13 00-0263	EA	30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,146.03	494.01
		For Galvanized Finish, Add	*94.74*	
		For >10 To 20, Deduct	*-151.02*	
		For >20 To 40, Deduct	*-270.46*	
		For >40, Deduct	*-572.50*	
26 56 13 00-0264	EA	20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,822.91	329.34
		For Galvanized Finish, Add	*64.93*	
		For >10 To 20, Deduct	*-103.04*	
		For >20 To 40, Deduct	*-184.43*	
		For >40, Deduct	*-390.50*	
26 56 13 00-0265	EA	25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,357.17	439.12
		For Galvanized Finish, Add	*74.37*	
		For >10 To 20, Deduct	*-121.11*	
		For >20 To 40, Deduct	*-217.44*	
		For >40, Deduct	*-459.66*	
26 56 13 00-0266	EA	30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	4,660.86	494.01
		For Galvanized Finish, Add	*110.19*	
		For >10 To 20, Deduct	*-171.61*	
		For >20 To 40, Deduct	*-306.50*	
		For >40, Deduct	*-649.73*	
26 56 13 00-0267	EA	20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,969.22	329.34
		For Galvanized Finish, Add	*69.32*	
		For >10 To 20, Deduct	*-108.89*	
		For >20 To 40, Deduct	*-194.67*	
		For >40, Deduct	*-412.45*	
26 56 13 00-0268	EA	25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,620.79	439.12
		For Galvanized Finish, Add	*82.28*	
		For >10 To 20, Deduct	*-131.66*	
		For >20 To 40, Deduct	*-235.89*	
		For >40, Deduct	*-499.21*	
26 56 13 00-0269	EA	30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,971.42	494.01
		For Galvanized Finish, Add	*119.50*	
		For >10 To 20, Deduct	*-184.04*	
		For >20 To 40, Deduct	*-328.24*	
		For >40, Deduct	*-696.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0270	EA	35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,690.20	521.45
		For Galvanized Finish, Add	*139.42*	
		For >10 To 20, Deduct	*-211.96*	
		For >20 To 40, Deduct	*-377.46*	
		For >40, Deduct	*-801.39*	
26 56 13 00-0271	EA	39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,545.64	548.89
		For Galvanized Finish, Add	*163.44*	
		For >10 To 20, Deduct	*-245.36*	
		For >20 To 40, Deduct	*-436.24*	
		For >40, Deduct	*-926.96*	

26 56 13 00-0272 Square Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0273 Square Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0272)*

26 56 13 00-0274	EA	20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,173.06	329.34
		For Galvanized Finish, Add	*45.43*	
		For >10 To 20, Deduct	*-77.04*	
		For >20 To 40, Deduct	*-138.94*	
		For >40, Deduct	*-293.03*	
26 56 13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,659.94	439.12
		For Galvanized Finish, Add	*53.45*	
		For >10 To 20, Deduct	*-93.22*	
		For >20 To 40, Deduct	*-168.63*	
		For >40, Deduct	*-355.08*	
26 56 13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,963.07	494.01
		For Galvanized Finish, Add	*59.25*	
		For >10 To 20, Deduct	*-103.70*	
		For >20 To 40, Deduct	*-187.65*	
		For >40, Deduct	*-395.06*	
26 56 13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,273.59	521.45
		For Galvanized Finish, Add	*66.92*	
		For >10 To 20, Deduct	*-115.30*	
		For >20 To 40, Deduct	*-208.29*	
		For >40, Deduct	*-438.89*	
26 56 13 00-0278	EA	39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,450.48	548.89
		For Galvanized Finish, Add	*70.58*	
		For >10 To 20, Deduct	*-121.55*	
		For >20 To 40, Deduct	*-219.58*	
		For >40, Deduct	*-462.68*	
26 56 13 00-0279	EA	20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	2,755.71	329.34
		For Galvanized Finish, Add	*62.91*	
		For >10 To 20, Deduct	*-100.35*	
		For >20 To 40, Deduct	*-179.73*	
		For >40, Deduct	*-380.42*	
26 56 13 00-0280	EA	25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,116.72	439.12
		For Galvanized Finish, Add	*67.15*	
		For >10 To 20, Deduct	*-111.50*	
		For >20 To 40, Deduct	*-200.61*	
		For >40, Deduct	*-423.60*	
26 56 13 00-0281	EA	30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,336.80	494.01
		For Galvanized Finish, Add	*70.46*	
		For >10 To 20, Deduct	*-118.65*	
		For >20 To 40, Deduct	*-213.82*	
		For >40, Deduct	*-451.12*	
26 56 13 00-0282	EA	30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,679.39	494.01
		For Galvanized Finish, Add	*80.74*	
		For >10 To 20, Deduct	*-132.36*	
		For >20 To 40, Deduct	*-237.80*	
		For >40, Deduct	*-502.51*	
26 56 13 00-0283	EA	35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,980.82	521.45
		For Galvanized Finish, Add	*88.14*	
		For >10 To 20, Deduct	*-143.59*	
		For >20 To 40, Deduct	*-257.80*	
		For >40, Deduct	*-544.98*	
26 56 13 00-0284	EA	35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,405.16	521.45
		For Galvanized Finish, Add	*100.87*	
		For >10 To 20, Deduct	*-160.56*	
		For >20 To 40, Deduct	*-287.50*	
		For >40, Deduct	*-608.63*	
26 56 13 00-0285	EA	39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,055.19	548.89
		For Galvanized Finish, Add	*88.72*	
		For >10 To 20, Deduct	*-145.74*	
		For >20 To 40, Deduct	*-261.91*	
		For >40, Deduct	*-553.39*	
26 56 13 00-0286	EA	39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,099.81	548.89
		For Galvanized Finish, Add	*120.06*	
		For >10 To 20, Deduct	*-187.53*	
		For >20 To 40, Deduct	*-335.03*	
		For >40, Deduct	*-710.08*	
26 56 13 00-0287	EA	45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,824.44	713.57
		For Galvanized Finish, Add	*101.92*	
		For >10 To 20, Deduct	*-171.57*	
		For >20 To 40, Deduct	*-309.17*	
		For >40, Deduct	*-652.31*	
26 56 13 00-0288	EA	45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,536.86	713.57
		For Galvanized Finish, Add	*123.29*	
		For >10 To 20, Deduct	*-200.07*	
		For >20 To 40, Deduct	*-359.04*	
		For >40, Deduct	*-759.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0289	EA	50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,792.75	823.35
		For Galvanized Finish, Add	*124.38*	
		For >10 To 20, Deduct	*-207.01*	
		For >20 To 40, Deduct	*-372.56*	
		For >40, Deduct	*-786.58*	

26 56 13 00-0290 Factory Accessories For Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0291	EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles	46.01	
26 56 13 00-0292	EA	Extra Handhole For Steel Area Light Poles	68.42	
26 56 13 00-0293	EA	Vibration Dampener For Steel Area Light Poles	69.60	

26 56 13 00-0294 Aluminum Area Light Poles *(26 56 13 00-0177)*

Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0295 Round Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0296 Round Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0295)*

26 56 13 00-0297	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	879.79	164.67
		For Bronze Or Satin Anodized Finish, Add	*55.05*	
		For Black Anodized Finish, Add	*110.09*	
		For >10 To 20, Deduct	*-30.25*	
		For >20 To 40, Deduct	*-55.00*	
		For >40, Deduct	*-115.50*	
26 56 13 00-0298	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	962.91	192.12
		For Bronze Or Satin Anodized Finish, Add	*57.87*	
		For Black Anodized Finish, Add	*115.74*	
		For >10 To 20, Deduct	*-32.75*	
		For >20 To 40, Deduct	*-59.72*	
		For >40, Deduct	*-125.23*	
26 56 13 00-0299	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,053.08	219.56
		For Bronze Or Satin Anodized Finish, Add	*61.40*	
		For Black Anodized Finish, Add	*122.79*	
		For >10 To 20, Deduct	*-35.54*	
		For >20 To 40, Deduct	*-64.93*	
		For >40, Deduct	*-136.01*	
26 56 13 00-0300	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,144.67	247.00
		For Bronze Or Satin Anodized Finish, Add	*65.07*	
		For Black Anodized Finish, Add	*130.13*	
		For >10 To 20, Deduct	*-38.38*	
		For >20 To 40, Deduct	*-70.25*	
		For >40, Deduct	*-147.00*	
26 56 13 00-0301	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,196.10	260.73
		For Bronze Or Satin Anodized Finish, Add	*67.47*	
		For Black Anodized Finish, Add	*134.93*	
		For >10 To 20, Deduct	*-40.02*	
		For >20 To 40, Deduct	*-73.30*	
		For >40, Deduct	*-153.34*	
26 56 13 00-0302	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,246.13	274.45
		For Bronze Or Satin Anodized Finish, Add	*69.72*	
		For Black Anodized Finish, Add	*139.45*	
		For >10 To 20, Deduct	*-41.61*	
		For >20 To 40, Deduct	*-76.25*	
		For >40, Deduct	*-159.48*	
26 56 13 00-0303	EA	16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,330.81	274.45
		For Bronze Or Satin Anodized Finish, Add	*78.19*	
		For Black Anodized Finish, Add	*156.38*	
		For >10 To 20, Deduct	*-45.00*	
		For >20 To 40, Deduct	*-82.18*	
		For >40, Deduct	*-172.18*	
26 56 13 00-0304	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,439.34	301.89
		For Bronze Or Satin Anodized Finish, Add	*83.56*	
		For Black Anodized Finish, Add	*167.11*	
		For >10 To 20, Deduct	*-48.52*	
		For >20 To 40, Deduct	*-88.68*	
		For >40, Deduct	*-185.71*	
26 56 13 00-0305	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,539.40	329.34
		For Bronze Or Satin Anodized Finish, Add	*88.07*	
		For Black Anodized Finish, Add	*176.14*	
		For >10 To 20, Deduct	*-51.70*	
		For >20 To 40, Deduct	*-94.58*	
		For >40, Deduct	*-197.98*	
26 56 13 00-0306	EA	15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,508.03	260.73
		For Bronze Or Satin Anodized Finish, Add	*98.66*	
		For Black Anodized Finish, Add	*197.32*	
		For >10 To 20, Deduct	*-52.50*	
		For >20 To 40, Deduct	*-95.13*	
		For >40, Deduct	*-200.13*	
26 56 13 00-0307	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,851.32	329.34
		For Bronze Or Satin Anodized Finish, Add	*119.26*	
		For Black Anodized Finish, Add	*238.53*	
		For >10 To 20, Deduct	*-64.17*	
		For >20 To 40, Deduct	*-116.42*	
		For >40, Deduct	*-244.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0308	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,009.40	329.34
		For Bronze Or Satin Anodized Finish, Add	*135.07*	
		For Black Anodized Finish, Add	*270.14*	
		For >10 To 20, Deduct	*-70.50*	
		For >20 To 40, Deduct	*-127.48*	
		For >40, Deduct	*-268.48*	
26 56 13 00-0309	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,377.16	439.12
		For Bronze Or Satin Anodized Finish, Add	*149.89*	
		For Black Anodized Finish, Add	*299.78*	
		For >10 To 20, Deduct	*-81.91*	
		For >20 To 40, Deduct	*-148.84*	
		For >40, Deduct	*-312.66*	
26 56 13 00-0310	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,767.81	494.01
		For Bronze Or Satin Anodized Finish, Add	*177.98*	
		For Black Anodized Finish, Add	*355.96*	
		For >10 To 20, Deduct	*-95.89*	
		For >20 To 40, Deduct	*-173.99*	
		For >40, Deduct	*-365.77*	
26 56 13 00-0311	EA	20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,636.79	329.34
		For Bronze Or Satin Anodized Finish, Add	*97.81*	
		For Black Anodized Finish, Add	*195.62*	
		For >10 To 20, Deduct	*-55.59*	
		For >20 To 40, Deduct	*-101.40*	
		For >40, Deduct	*-212.58*	
26 56 13 00-0312	EA	20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,996.70	329.34
		For Bronze Or Satin Anodized Finish, Add	*133.80*	
		For Black Anodized Finish, Add	*267.60*	
		For >10 To 20, Deduct	*-69.99*	
		For >20 To 40, Deduct	*-126.60*	
		For >40, Deduct	*-266.57*	
26 56 13 00-0313	EA	25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,354.57	439.12
		For Bronze Or Satin Anodized Finish, Add	*147.63*	
		For Black Anodized Finish, Add	*295.27*	
		For >10 To 20, Deduct	*-81.01*	
		For >20 To 40, Deduct	*-147.26*	
		For >40, Deduct	*-309.27*	
26 56 13 00-0314	EA	25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,559.23	439.12
		For Bronze Or Satin Anodized Finish, Add	*168.10*	
		For Black Anodized Finish, Add	*336.20*	
		For >10 To 20, Deduct	*-89.20*	
		For >20 To 40, Deduct	*-161.58*	
		For >40, Deduct	*-339.97*	
26 56 13 00-0315	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,999.28	494.01
		For Bronze Or Satin Anodized Finish, Add	*201.13*	
		For Black Anodized Finish, Add	*402.25*	
		For >10 To 20, Deduct	*-105.15*	
		For >20 To 40, Deduct	*-190.19*	
		For >40, Deduct	*-400.49*	

26 56 13 00-0316 Round Straight, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0295)*

26 56 13 00-0317	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,023.75	164.67
		For Bronze, Satin Or Black Anodized Finish, Add	*104.16*	
		For >10 To 20, Deduct	*-36.01*	
		For >20 To 40, Deduct	*-65.08*	
		For >40, Deduct	*-137.10*	
26 56 13 00-0318	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,135.10	192.12
		For Bronze, Satin Or Black Anodized Finish, Add	*112.63*	
		For >10 To 20, Deduct	*-39.64*	
		For >20 To 40, Deduct	*-71.77*	
		For >40, Deduct	*-151.05*	
26 56 13 00-0319	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,240.80	219.56
		For Bronze, Satin Or Black Anodized Finish, Add	*120.25*	
		For >10 To 20, Deduct	*-43.05*	
		For >20 To 40, Deduct	*-78.07*	
		For >40, Deduct	*-164.16*	
26 56 13 00-0320	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,319.68	247.00
		For Bronze, Satin Or Black Anodized Finish, Add	*123.85*	
		For >10 To 20, Deduct	*-45.38*	
		For >20 To 40, Deduct	*-82.50*	
		For >40, Deduct	*-173.25*	
26 56 13 00-0321	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,415.50	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*129.99*	
		For >10 To 20, Deduct	*-48.39*	
		For >20 To 40, Deduct	*-88.11*	
		For >40, Deduct	*-184.88*	
26 56 13 00-0322	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,164.74	192.12
		For Bronze, Satin Or Black Anodized Finish, Add	*117.08*	
		For >10 To 20, Deduct	*-40.83*	
		For >20 To 40, Deduct	*-73.85*	
		For >40, Deduct	*-155.50*	
26 56 13 00-0323	EA	12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,267.62	219.56
		For Bronze, Satin Or Black Anodized Finish, Add	*124.28*	
		For >10 To 20, Deduct	*-44.12*	
		For >20 To 40, Deduct	*-79.95*	
		For >40, Deduct	*-168.19*	
26 56 13 00-0324	EA	14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,374.73	247.00
		For Bronze, Satin Or Black Anodized Finish, Add	*132.11*	
		For >10 To 20, Deduct	*-47.58*	
		For >20 To 40, Deduct	*-86.35*	
		For >40, Deduct	*-181.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0325	EA	16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,480.42	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*139.73*	
		For >10 To 20, Deduct	*-50.98*	
		For >20 To 40, Deduct	*-92.65*	
		For >40, Deduct	*-194.62*	
26 56 13 00-0326	EA	18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,593.19	301.89
		For Bronze, Satin Or Black Anodized Finish, Add	*148.41*	
		For >10 To 20, Deduct	*-54.67*	
		For >20 To 40, Deduct	*-99.45*	
		For >40, Deduct	*-208.79*	
26 56 13 00-0327	EA	20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,697.48	329.34
		For Bronze, Satin Or Black Anodized Finish, Add	*155.82*	
		For >10 To 20, Deduct	*-58.02*	
		For >20 To 40, Deduct	*-105.65*	
		For >40, Deduct	*-221.69*	
26 56 13 00-0328	EA	12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,322.66	219.56
		For Bronze, Satin Or Black Anodized Finish, Add	*132.53*	
		For >10 To 20, Deduct	*-46.32*	
		For >20 To 40, Deduct	*-83.80*	
		For >40, Deduct	*-176.44*	
26 56 13 00-0329	EA	14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,439.65	247.00
		For Bronze, Satin Or Black Anodized Finish, Add	*141.85*	
		For >10 To 20, Deduct	*-50.18*	
		For >20 To 40, Deduct	*-90.90*	
		For >40, Deduct	*-191.25*	
26 56 13 00-0330	EA	16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,555.23	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*150.95*	
		For >10 To 20, Deduct	*-53.98*	
		For >20 To 40, Deduct	*-97.89*	
		For >40, Deduct	*-205.84*	
26 56 13 00-0331	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,673.64	301.89
		For Bronze, Satin Or Black Anodized Finish, Add	*160.48*	
		For >10 To 20, Deduct	*-57.89*	
		For >20 To 40, Deduct	*-105.08*	
		For >40, Deduct	*-220.86*	
26 56 13 00-0332	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,634.26	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*162.81*	
		For >10 To 20, Deduct	*-57.14*	
		For >20 To 40, Deduct	*-103.42*	
		For >40, Deduct	*-217.69*	
26 56 13 00-0333	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,882.37	329.34
		For Bronze, Satin Or Black Anodized Finish, Add	*183.55*	
		For >10 To 20, Deduct	*-65.41*	
		For >20 To 40, Deduct	*-118.59*	
		For >40, Deduct	*-249.42*	
26 56 13 00-0334	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,374.88	219.56
		For Bronze, Satin Or Black Anodized Finish, Add	*140.36*	
		For >10 To 20, Deduct	*-48.41*	
		For >20 To 40, Deduct	*-87.46*	
		For >40, Deduct	*-184.28*	
26 56 13 00-0335	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,507.40	247.00
		For Bronze, Satin Or Black Anodized Finish, Add	*152.01*	
		For >10 To 20, Deduct	*-52.89*	
		For >20 To 40, Deduct	*-95.64*	
		For >40, Deduct	*-201.41*	
26 56 13 00-0336	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,625.80	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*161.54*	
		For >10 To 20, Deduct	*-56.80*	
		For >20 To 40, Deduct	*-102.83*	
		For >40, Deduct	*-216.43*	
26 56 13 00-0337	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,752.68	301.89
		For Bronze, Satin Or Black Anodized Finish, Add	*172.33*	
		For >10 To 20, Deduct	*-61.05*	
		For >20 To 40, Deduct	*-110.61*	
		For >40, Deduct	*-232.71*	
26 56 13 00-0338	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,875.32	329.34
		For Bronze, Satin Or Black Anodized Finish, Add	*182.50*	
		For >10 To 20, Deduct	*-65.13*	
		For >20 To 40, Deduct	*-118.10*	
		For >40, Deduct	*-248.36*	
26 56 13 00-0339	EA	16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,728.83	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*176.99*	
		For >10 To 20, Deduct	*-60.92*	
		For >20 To 40, Deduct	*-110.04*	
		For >40, Deduct	*-231.88*	
26 56 13 00-0340	EA	18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,868.41	301.89
		For Bronze, Satin Or Black Anodized Finish, Add	*189.69*	
		For >10 To 20, Deduct	*-65.68*	
		For >20 To 40, Deduct	*-118.71*	
		For >40, Deduct	*-250.07*	
26 56 13 00-0341	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,919.07	329.34
		For Bronze, Satin Or Black Anodized Finish, Add	*189.06*	
		For >10 To 20, Deduct	*-66.88*	
		For >20 To 40, Deduct	*-121.16*	
		For >40, Deduct	*-254.93*	

26 56 13 00-0342 Round Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0295)*
Note: Includes rubberized undercoating on embedded portion.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0343	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	793.85	137.22
		For Bronze Or Satin Anodized Finish, Add	*51.94*	
		For Black Anodized Finish, Add	*103.88*	
		For >10 To 20, Deduct	*-27.64*	
		For >20 To 40, Deduct	*-50.08*	
		For >40, Deduct	*-105.36*	
26 56 13 00-0344	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	848.11	150.94
		For Bronze Or Satin Anodized Finish, Add	*54.62*	
		For Black Anodized Finish, Add	*109.24*	
		For >10 To 20, Deduct	*-29.40*	
		For >20 To 40, Deduct	*-53.33*	
		For >40, Deduct	*-112.12*	
26 56 13 00-0345	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	939.07	164.67
		For Bronze Or Satin Anodized Finish, Add	*60.97*	
		For Black Anodized Finish, Add	*121.95*	
		For >10 To 20, Deduct	*-32.62*	
		For >20 To 40, Deduct	*-59.15*	
		For >40, Deduct	*-124.39*	
26 56 13 00-0346	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	971.53	164.67
		For Bronze Or Satin Anodized Finish, Add	*64.22*	
		For Black Anodized Finish, Add	*128.44*	
		For >10 To 20, Deduct	*-33.92*	
		For >20 To 40, Deduct	*-61.42*	
		For >40, Deduct	*-129.26*	
26 56 13 00-0347	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	1,012.46	164.67
		For Bronze Or Satin Anodized Finish, Add	*68.31*	
		For Black Anodized Finish, Add	*136.62*	
		For >10 To 20, Deduct	*-35.56*	
		For >20 To 40, Deduct	*-64.29*	
		For >40, Deduct	*-135.40*	
26 56 13 00-0348	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,164.12	178.39
		For Bronze Or Satin Anodized Finish, Add	*80.73*	
		For Black Anodized Finish, Add	*161.47*	
		For >10 To 20, Deduct	*-41.21*	
		For >20 To 40, Deduct	*-74.35*	
		For >40, Deduct	*-156.78*	
26 56 13 00-0349	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,243.78	192.12
		For Bronze Or Satin Anodized Finish, Add	*85.96*	
		For Black Anodized Finish, Add	*171.91*	
		For >10 To 20, Deduct	*-43.99*	
		For >20 To 40, Deduct	*-79.38*	
		For >40, Deduct	*-167.36*	
26 56 13 00-0350	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,462.55	192.12
		For Bronze Or Satin Anodized Finish, Add	*107.83*	
		For Black Anodized Finish, Add	*215.66*	
		For >10 To 20, Deduct	*-52.74*	
		For >20 To 40, Deduct	*-94.69*	
		For >40, Deduct	*-200.17*	
26 56 13 00-0351	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,798.31	219.56
		For Bronze Or Satin Anodized Finish, Add	*135.92*	
		For Black Anodized Finish, Add	*271.84*	
		For >10 To 20, Deduct	*-65.35*	
		For >20 To 40, Deduct	*-117.10*	
		For >40, Deduct	*-247.79*	
26 56 13 00-0352	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	2,042.33	247.00
		For Bronze Or Satin Anodized Finish, Add	*154.83*	
		For Black Anodized Finish, Add	*309.66*	
		For >10 To 20, Deduct	*-74.28*	
		For >20 To 40, Deduct	*-133.08*	
		For >40, Deduct	*-281.65*	
26 56 13 00-0353	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	2,300.61	247.00
		For Bronze Or Satin Anodized Finish, Add	*180.66*	
		For Black Anodized Finish, Add	*361.32*	
		For >10 To 20, Deduct	*-84.61*	
		For >20 To 40, Deduct	*-151.16*	
		For >40, Deduct	*-320.39*	

26 56 13 00-0354 Round Tapered, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0355 Round Tapered, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0354)*

26 56 13 00-0356	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	728.77	164.67
		For Bronze Or Satin Anodized Finish, Add	*39.94*	
		For Black Anodized Finish, Add	*79.89*	
		For >10 To 20, Deduct	*-24.21*	
		For >20 To 40, Deduct	*-44.43*	
		For >40, Deduct	*-92.85*	
26 56 13 00-0357	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	816.12	192.12
		For Bronze Or Satin Anodized Finish, Add	*43.19*	
		For Black Anodized Finish, Add	*86.38*	
		For >10 To 20, Deduct	*-26.88*	
		For >20 To 40, Deduct	*-49.44*	
		For >40, Deduct	*-103.21*	
26 56 13 00-0358	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	903.47	219.56
		For Bronze Or Satin Anodized Finish, Add	*46.44*	
		For Black Anodized Finish, Add	*92.87*	
		For >10 To 20, Deduct	*-29.55*	
		For >20 To 40, Deduct	*-54.46*	
		For >40, Deduct	*-113.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0359	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,003.53	247.00
		For Bronze Or Satin Anodized Finish, Add	*50.95*	
		For Black Anodized Finish, Add	*101.90*	
		For >10 To 20, Deduct	*-32.73*	
		For >20 To 40, Deduct	*-60.37*	
		For >40, Deduct	*-125.83*	
26 56 13 00-0360	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,102.16	274.45
		For Bronze Or Satin Anodized Finish, Add	*55.33*	
		For Black Anodized Finish, Add	*110.65*	
		For >10 To 20, Deduct	*-35.85*	
		For >20 To 40, Deduct	*-66.17*	
		For >40, Deduct	*-137.88*	
26 56 13 00-0361	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	852.82	192.12
		For Bronze Or Satin Anodized Finish, Add	*46.86*	
		For Black Anodized Finish, Add	*93.72*	
		For >10 To 20, Deduct	*-28.35*	
		For >20 To 40, Deduct	*-52.01*	
		For >40, Deduct	*-108.71*	
26 56 13 00-0362	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	961.34	219.56
		For Bronze Or Satin Anodized Finish, Add	*52.22*	
		For Black Anodized Finish, Add	*104.44*	
		For >10 To 20, Deduct	*-31.87*	
		For >20 To 40, Deduct	*-58.51*	
		For >40, Deduct	*-122.25*	
26 56 13 00-0363	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,065.63	247.00
		For Bronze Or Satin Anodized Finish, Add	*57.16*	
		For Black Anodized Finish, Add	*114.32*	
		For >10 To 20, Deduct	*-35.22*	
		For >20 To 40, Deduct	*-64.71*	
		For >40, Deduct	*-135.14*	
26 56 13 00-0364	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,264.33	301.89
		For Bronze Or Satin Anodized Finish, Add	*66.05*	
		For Black Anodized Finish, Add	*132.11*	
		For >10 To 20, Deduct	*-41.52*	
		For >20 To 40, Deduct	*-76.43*	
		For >40, Deduct	*-159.46*	
26 56 13 00-0365	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,354.51	329.34
		For Bronze Or Satin Anodized Finish, Add	*69.58*	
		For Black Anodized Finish, Add	*139.17*	
		For >10 To 20, Deduct	*-44.30*	
		For >20 To 40, Deduct	*-81.64*	
		For >40, Deduct	*-170.24*	
26 56 13 00-0366	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,013.56	219.56
		For Bronze Or Satin Anodized Finish, Add	*57.44*	
		For Black Anodized Finish, Add	*114.89*	
		For >10 To 20, Deduct	*-33.96*	
		For >20 To 40, Deduct	*-62.17*	
		For >40, Deduct	*-130.08*	
26 56 13 00-0367	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,126.32	247.00
		For Bronze Or Satin Anodized Finish, Add	*63.23*	
		For Black Anodized Finish, Add	*126.46*	
		For >10 To 20, Deduct	*-37.64*	
		For >20 To 40, Deduct	*-68.96*	
		For >40, Deduct	*-144.25*	
26 56 13 00-0368	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,248.95	274.45
		For Bronze Or Satin Anodized Finish, Add	*70.01*	
		For Black Anodized Finish, Add	*140.01*	
		For >10 To 20, Deduct	*-41.72*	
		For >20 To 40, Deduct	*-76.45*	
		For >40, Deduct	*-159.90*	
26 56 13 00-0369	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,346.19	301.89
		For Bronze Or Satin Anodized Finish, Add	*74.24*	
		For Black Anodized Finish, Add	*148.48*	
		For >10 To 20, Deduct	*-44.79*	
		For >20 To 40, Deduct	*-82.16*	
		For >40, Deduct	*-171.74*	
26 56 13 00-0370	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,463.18	329.34
		For Bronze Or Satin Anodized Finish, Add	*80.45*	
		For Black Anodized Finish, Add	*160.90*	
		For >10 To 20, Deduct	*-48.65*	
		For >20 To 40, Deduct	*-89.25*	
		For >40, Deduct	*-186.54*	
26 56 13 00-0371	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,387.27	274.45
		For Bronze Or Satin Anodized Finish, Add	*83.84*	
		For Black Anodized Finish, Add	*167.68*	
		For >10 To 20, Deduct	*-47.26*	
		For >20 To 40, Deduct	*-86.13*	
		For >40, Deduct	*-180.65*	
26 56 13 00-0372	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,522.62	301.89
		For Bronze Or Satin Anodized Finish, Add	*91.88*	
		For Black Anodized Finish, Add	*183.77*	
		For >10 To 20, Deduct	*-51.85*	
		For >20 To 40, Deduct	*-94.51*	
		For >40, Deduct	*-198.20*	
26 56 13 00-0373	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,600.09	329.34
		For Bronze Or Satin Anodized Finish, Add	*94.14*	
		For Black Anodized Finish, Add	*188.28*	
		For >10 To 20, Deduct	*-54.12*	
		For >20 To 40, Deduct	*-98.83*	
		For >40, Deduct	*-207.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0374	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,835.49	384.23
		For Bronze Or Satin Anodized Finish, Add	*106.70*	
		For Black Anodized Finish, Add	*213.41*	
		For >10 To 20, Deduct	*-61.89*	
		For >20 To 40, Deduct	*-113.12*	
		For >40, Deduct	*-236.90*	
26 56 13 00-0375	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,079.35	439.12
		For Bronze Or Satin Anodized Finish, Add	*120.11*	
		For Black Anodized Finish, Add	*240.22*	
		For >10 To 20, Deduct	*-70.00*	
		For >20 To 40, Deduct	*-127.99*	
		For >40, Deduct	*-267.99*	
26 56 13 00-0376	EA	18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,660.94	301.89
		For Bronze Or Satin Anodized Finish, Add	*105.72*	
		For Black Anodized Finish, Add	*211.43*	
		For >10 To 20, Deduct	*-57.38*	
		For >20 To 40, Deduct	*-104.19*	
		For >40, Deduct	*-218.95*	
26 56 13 00-0377	EA	20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,768.05	329.34
		For Bronze Or Satin Anodized Finish, Add	*110.94*	
		For Black Anodized Finish, Add	*221.87*	
		For >10 To 20, Deduct	*-60.84*	
		For >20 To 40, Deduct	*-110.59*	
		For >40, Deduct	*-232.27*	
26 56 13 00-0378	EA	23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,968.16	384.23
		For Bronze Or Satin Anodized Finish, Add	*119.97*	
		For Black Anodized Finish, Add	*239.94*	
		For >10 To 20, Deduct	*-67.20*	
		For >20 To 40, Deduct	*-122.40*	
		For >40, Deduct	*-256.80*	
26 56 13 00-0379	EA	25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,180.97	439.12
		For Bronze Or Satin Anodized Finish, Add	*130.27*	
		For Black Anodized Finish, Add	*260.55*	
		For >10 To 20, Deduct	*-74.07*	
		For >20 To 40, Deduct	*-135.10*	
		For >40, Deduct	*-283.23*	
26 56 13 00-0380	EA	28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,350.19	466.57
		For Bronze Or Satin Anodized Finish, Add	*141.71*	
		For Black Anodized Finish, Add	*283.41*	
		For >10 To 20, Deduct	*-80.01*	
		For >20 To 40, Deduct	*-145.85*	
		For >40, Deduct	*-305.87*	
26 56 13 00-0381	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,522.22	494.01
		For Bronze Or Satin Anodized Finish, Add	*153.42*	
		For Black Anodized Finish, Add	*306.84*	
		For >10 To 20, Deduct	*-86.07*	
		For >20 To 40, Deduct	*-156.80*	
		For >40, Deduct	*-328.93*	
26 56 13 00-0382	EA	23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,099.42	384.23
		For Bronze Or Satin Anodized Finish, Add	*133.10*	
		For Black Anodized Finish, Add	*266.19*	
		For >10 To 20, Deduct	*-72.45*	
		For >20 To 40, Deduct	*-131.59*	
		For >40, Deduct	*-276.49*	
26 56 13 00-0383	EA	25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,268.48	439.12
		For Bronze Or Satin Anodized Finish, Add	*139.02*	
		For Black Anodized Finish, Add	*278.05*	
		For >10 To 20, Deduct	*-77.57*	
		For >20 To 40, Deduct	*-141.23*	
		For >40, Deduct	*-296.36*	
26 56 13 00-0384	EA	28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,444.75	466.57
		For Bronze Or Satin Anodized Finish, Add	*151.16*	
		For Black Anodized Finish, Add	*302.32*	
		For >10 To 20, Deduct	*-83.79*	
		For >20 To 40, Deduct	*-152.47*	
		For >40, Deduct	*-320.06*	
26 56 13 00-0385	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,669.01	494.01
		For Bronze Or Satin Anodized Finish, Add	*168.10*	
		For Black Anodized Finish, Add	*336.20*	
		For >10 To 20, Deduct	*-91.94*	
		For >20 To 40, Deduct	*-167.07*	
		For >40, Deduct	*-350.95*	
26 56 13 00-0386	EA	33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,759.96	507.73
		For Bronze Or Satin Anodized Finish, Add	*174.45*	
		For Black Anodized Finish, Add	*348.90*	
		For >10 To 20, Deduct	*-95.17*	
		For >20 To 40, Deduct	*-172.89*	
		For >40, Deduct	*-363.22*	
26 56 13 00-0387	EA	35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,958.18	521.45
		For Bronze Or Satin Anodized Finish, Add	*191.53*	
		For Black Anodized Finish, Add	*383.06*	
		For >10 To 20, Deduct	*-102.68*	
		For >20 To 40, Deduct	*-186.21*	
		For >40, Deduct	*-391.58*	
26 56 13 00-0388	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,071.43	219.56
		For Bronze Or Satin Anodized Finish, Add	*63.23*	
		For Black Anodized Finish, Add	*126.46*	
		For >10 To 20, Deduct	*-36.27*	
		For >20 To 40, Deduct	*-66.22*	
		For >40, Deduct	*-138.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0389	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,194.07	247.00
		For Bronze Or Satin Anodized Finish, Add	*70.01*	
		For Black Anodized Finish, Add	*140.01*	
		For >10 To 20, Deduct	*-40.35*	
		For >20 To 40, Deduct	*-73.70*	
		For >40, Deduct	*-154.41*	
26 56 13 00-0390	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,322.34	274.45
		For Bronze Or Satin Anodized Finish, Add	*77.35*	
		For Black Anodized Finish, Add	*154.69*	
		For >10 To 20, Deduct	*-44.66*	
		For >20 To 40, Deduct	*-81.59*	
		For >40, Deduct	*-170.91*	
26 56 13 00-0391	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,435.11	301.89
		For Bronze Or Satin Anodized Finish, Add	*83.13*	
		For Black Anodized Finish, Add	*166.26*	
		For >10 To 20, Deduct	*-48.35*	
		For >20 To 40, Deduct	*-88.38*	
		For >40, Deduct	*-185.08*	
26 56 13 00-0392	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,546.46	329.34
		For Bronze Or Satin Anodized Finish, Add	*88.78*	
		For Black Anodized Finish, Add	*177.56*	
		For >10 To 20, Deduct	*-51.98*	
		For >20 To 40, Deduct	*-95.08*	
		For >40, Deduct	*-199.04*	
26 56 13 00-0393	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,476.19	274.45
		For Bronze Or Satin Anodized Finish, Add	*92.73*	
		For Black Anodized Finish, Add	*185.46*	
		For >10 To 20, Deduct	*-50.81*	
		For >20 To 40, Deduct	*-92.36*	
		For >40, Deduct	*-193.98*	
26 56 13 00-0394	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,615.77	301.89
		For Bronze Or Satin Anodized Finish, Add	*101.20*	
		For Black Anodized Finish, Add	*202.40*	
		For >10 To 20, Deduct	*-55.57*	
		For >20 To 40, Deduct	*-101.03*	
		For >40, Deduct	*-212.18*	
26 56 13 00-0395	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,711.59	329.34
		For Bronze Or Satin Anodized Finish, Add	*105.29*	
		For Black Anodized Finish, Add	*210.58*	
		For >10 To 20, Deduct	*-58.58*	
		For >20 To 40, Deduct	*-106.64*	
		For >40, Deduct	*-223.80*	
26 56 13 00-0396	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,939.93	384.23
		For Bronze Or Satin Anodized Finish, Add	*117.15*	
		For Black Anodized Finish, Add	*234.29*	
		For >10 To 20, Deduct	*-66.07*	
		For >20 To 40, Deduct	*-120.43*	
		For >40, Deduct	*-252.57*	
26 56 13 00-0397	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,176.74	439.12
		For Bronze Or Satin Anodized Finish, Add	*129.85*	
		For Black Anodized Finish, Add	*259.70*	
		For >10 To 20, Deduct	*-73.90*	
		For >20 To 40, Deduct	*-134.81*	
		For >40, Deduct	*-282.60*	
26 56 13 00-0398	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,258.91	384.23
		For Bronze Or Satin Anodized Finish, Add	*149.05*	
		For Black Anodized Finish, Add	*298.09*	
		For >10 To 20, Deduct	*-78.83*	
		For >20 To 40, Deduct	*-142.75*	
		For >40, Deduct	*-300.41*	
26 56 13 00-0399	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,480.19	439.12
		For Bronze Or Satin Anodized Finish, Add	*160.20*	
		For Black Anodized Finish, Add	*320.39*	
		For >10 To 20, Deduct	*-86.03*	
		For >20 To 40, Deduct	*-156.05*	
		For >40, Deduct	*-328.12*	
26 56 13 00-0400	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,673.40	466.57
		For Bronze Or Satin Anodized Finish, Add	*174.03*	
		For Black Anodized Finish, Add	*348.05*	
		For >10 To 20, Deduct	*-92.94*	
		For >20 To 40, Deduct	*-168.48*	
		For >40, Deduct	*-354.35*	
26 56 13 00-0401	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,842.61	494.01
		For Bronze Or Satin Anodized Finish, Add	*185.46*	
		For Black Anodized Finish, Add	*370.92*	
		For >10 To 20, Deduct	*-98.88*	
		For >20 To 40, Deduct	*-179.22*	
		For >40, Deduct	*-376.99*	
26 56 13 00-0402	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,006.96	507.73
		For Bronze Or Satin Anodized Finish, Add	*199.15*	
		For Black Anodized Finish, Add	*398.30*	
		For >10 To 20, Deduct	*-105.05*	
		For >20 To 40, Deduct	*-190.18*	
		For >40, Deduct	*-400.27*	
26 56 13 00-0403	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,148.72	521.45
		For Bronze Or Satin Anodized Finish, Add	*210.58*	
		For Black Anodized Finish, Add	*421.16*	
		For >10 To 20, Deduct	*-110.31*	
		For >20 To 40, Deduct	*-199.55*	
		For >40, Deduct	*-420.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0404	EA	37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,267.93	535.17
		For Bronze Or Satin Anodized Finish, Add	*219.76*	
		For Black Anodized Finish, Add	*439.51*	
		For >10 To 20, Deduct	*-114.66*	
		For >20 To 40, Deduct	*-207.35*	
		For >40, Deduct	*-436.67*	
26 56 13 00-0405	EA	39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,492.96	548.89
		For Bronze Or Satin Anodized Finish, Add	*239.52*	
		For Black Anodized Finish, Add	*479.03*	
		For >10 To 20, Deduct	*-123.25*	
		For >20 To 40, Deduct	*-222.55*	
		For >40, Deduct	*-469.05*	
26 56 13 00-0406	EA	28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,283.13	466.57
		For Bronze Or Satin Anodized Finish, Add	*235.00*	
		For Black Anodized Finish, Add	*470.00*	
		For >10 To 20, Deduct	*-117.33*	
		For >20 To 40, Deduct	*-211.16*	
		For >40, Deduct	*-445.81*	
26 56 13 00-0407	EA	30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,548.32	494.01
		For Bronze Or Satin Anodized Finish, Add	*256.03*	
		For Black Anodized Finish, Add	*512.06*	
		For >10 To 20, Deduct	*-127.11*	
		For >20 To 40, Deduct	*-228.62*	
		For >40, Deduct	*-482.85*	
26 56 13 00-0408	EA	33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,740.89	507.73
		For Bronze Or Satin Anodized Finish, Add	*272.54*	
		For Black Anodized Finish, Add	*545.09*	
		For >10 To 20, Deduct	*-134.40*	
		For >20 To 40, Deduct	*-241.55*	
		For >40, Deduct	*-510.36*	
26 56 13 00-0409	EA	35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,884.07	521.45
		For Bronze Or Satin Anodized Finish, Add	*284.12*	
		For Black Anodized Finish, Add	*568.23*	
		For >10 To 20, Deduct	*-139.72*	
		For >20 To 40, Deduct	*-251.03*	
		For >40, Deduct	*-530.47*	
26 56 13 00-0410	EA	37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,958.10	535.17
		For Bronze Or Satin Anodized Finish, Add	*288.77*	
		For Black Anodized Finish, Add	*577.55*	
		For >10 To 20, Deduct	*-142.27*	
		For >20 To 40, Deduct	*-255.66*	
		For >40, Deduct	*-540.20*	
26 56 13 00-0411	EA	39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,207.14	548.89
		For Bronze Or Satin Anodized Finish, Add	*310.93*	
		For Black Anodized Finish, Add	*621.87*	
		For >10 To 20, Deduct	*-151.82*	
		For >20 To 40, Deduct	*-272.54*	
		For >40, Deduct	*-576.18*	
26 56 13 00-0412	EA	28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,089.76	466.57
		For Bronze Or Satin Anodized Finish, Add	*215.66*	
		For Black Anodized Finish, Add	*431.33*	
		For >10 To 20, Deduct	*-109.59*	
		For >20 To 40, Deduct	*-197.62*	
		For >40, Deduct	*-416.81*	
26 56 13 00-0413	EA	30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,329.55	494.01
		For Bronze Or Satin Anodized Finish, Add	*234.15*	
		For Black Anodized Finish, Add	*468.31*	
		For >10 To 20, Deduct	*-118.36*	
		For >20 To 40, Deduct	*-213.31*	
		For >40, Deduct	*-450.03*	
26 56 13 00-0414	EA	33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,420.50	507.73
		For Bronze Or Satin Anodized Finish, Add	*240.50*	
		For Black Anodized Finish, Add	*481.01*	
		For >10 To 20, Deduct	*-121.59*	
		For >20 To 40, Deduct	*-219.13*	
		For >40, Deduct	*-462.30*	
26 56 13 00-0415	EA	35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,673.77	521.45
		For Bronze Or Satin Anodized Finish, Add	*263.09*	
		For Black Anodized Finish, Add	*526.17*	
		For >10 To 20, Deduct	*-131.31*	
		For >20 To 40, Deduct	*-236.31*	
		For >40, Deduct	*-498.92*	
26 56 13 00-0416	EA	37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,791.56	535.17
		For Bronze Or Satin Anodized Finish, Add	*272.12*	
		For Black Anodized Finish, Add	*544.24*	
		For >10 To 20, Deduct	*-135.61*	
		For >20 To 40, Deduct	*-244.00*	
		For >40, Deduct	*-515.22*	
26 56 13 00-0417	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,042.00	548.89
		For Bronze Or Satin Anodized Finish, Add	*294.42*	
		For Black Anodized Finish, Add	*588.84*	
		For >10 To 20, Deduct	*-145.21*	
		For >20 To 40, Deduct	*-260.98*	
		For >40, Deduct	*-551.41*	
26 56 13 00-0418	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,973.31	466.57
		For Bronze Or Satin Anodized Finish, Add	*304.02*	
		For Black Anodized Finish, Add	*608.04*	
		For >10 To 20, Deduct	*-144.94*	
		For >20 To 40, Deduct	*-259.47*	
		For >40, Deduct	*-549.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0419	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,200.39	494.01
		For Bronze Or Satin Anodized Finish, Add	*321.24*	
		For Black Anodized Finish, Add	*642.47*	
		For >10 To 20, Deduct	*-153.20*	
		For >20 To 40, Deduct	*-274.27*	
		For >40, Deduct	*-580.66*	
26 56 13 00-0420	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,395.79	507.73
		For Bronze Or Satin Anodized Finish, Add	*338.03*	
		For Black Anodized Finish, Add	*676.07*	
		For >10 To 20, Deduct	*-160.60*	
		For >20 To 40, Deduct	*-287.40*	
		For >40, Deduct	*-608.60*	
26 56 13 00-0421	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,705.51	521.45
		For Bronze Or Satin Anodized Finish, Add	*366.26*	
		For Black Anodized Finish, Add	*732.52*	
		For >10 To 20, Deduct	*-172.58*	
		For >20 To 40, Deduct	*-308.53*	
		For >40, Deduct	*-653.68*	
26 56 13 00-0422	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,764.02	535.17
		For Bronze Or Satin Anodized Finish, Add	*369.37*	
		For Black Anodized Finish, Add	*738.73*	
		For >10 To 20, Deduct	*-174.51*	
		For >20 To 40, Deduct	*-312.07*	
		For >40, Deduct	*-661.09*	
26 56 13 00-0423	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,072.33	548.89
		For Bronze Or Satin Anodized Finish, Add	*397.45*	
		For Black Anodized Finish, Add	*794.91*	
		For >10 To 20, Deduct	*-186.43*	
		For >20 To 40, Deduct	*-333.11*	
		For >40, Deduct	*-705.96*	
26 56 13 00-0424	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	6,274.70	823.35
		For Bronze Or Satin Anodized Finish, Add	*462.80*	
		For Black Anodized Finish, Add	*925.60*	
		For >10 To 20, Deduct	*-226.29*	
		For >20 To 40, Deduct	*-406.30*	
		For >40, Deduct	*-858.87*	
26 56 13 00-0425	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	6,449.72	823.35
		For Bronze Or Satin Anodized Finish, Add	*480.30*	
		For Black Anodized Finish, Add	*960.61*	
		For >10 To 20, Deduct	*-233.29*	
		For >20 To 40, Deduct	*-418.55*	
		For >40, Deduct	*-885.12*	

26 56 13 00-0426 Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0354)*

26 56 13 00-0427	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,032.22	164.67
		For Bronze, Satin Or Black Anodized Finish, Add	*105.43*	
		For >10 To 20, Deduct	*-36.35*	
		For >20 To 40, Deduct	*-65.67*	
		For >40, Deduct	*-138.37*	
26 56 13 00-0428	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,116.75	192.12
		For Bronze, Satin Or Black Anodized Finish, Add	*109.88*	
		For >10 To 20, Deduct	*-38.91*	
		For >20 To 40, Deduct	*-70.49*	
		For >40, Deduct	*-148.30*	
26 56 13 00-0429	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,202.69	219.56
		For Bronze, Satin Or Black Anodized Finish, Add	*114.54*	
		For >10 To 20, Deduct	*-41.52*	
		For >20 To 40, Deduct	*-75.41*	
		For >40, Deduct	*-158.45*	
26 56 13 00-0430	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,291.46	247.00
		For Bronze, Satin Or Black Anodized Finish, Add	*119.62*	
		For >10 To 20, Deduct	*-44.25*	
		For >20 To 40, Deduct	*-80.52*	
		For >40, Deduct	*-169.02*	
26 56 13 00-0431	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,378.80	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*124.49*	
		For >10 To 20, Deduct	*-46.92*	
		For >20 To 40, Deduct	*-85.54*	
		For >40, Deduct	*-179.38*	
26 56 13 00-0432	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,133.69	192.12
		For Bronze, Satin Or Black Anodized Finish, Add	*112.42*	
		For >10 To 20, Deduct	*-39.58*	
		For >20 To 40, Deduct	*-71.67*	
		For >40, Deduct	*-150.84*	
26 56 13 00-0433	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,222.45	219.56
		For Bronze, Satin Or Black Anodized Finish, Add	*117.50*	
		For >10 To 20, Deduct	*-42.31*	
		For >20 To 40, Deduct	*-76.79*	
		For >40, Deduct	*-161.41*	
26 56 13 00-0434	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,314.04	247.00
		For Bronze, Satin Or Black Anodized Finish, Add	*123.00*	
		For >10 To 20, Deduct	*-45.15*	
		For >20 To 40, Deduct	*-82.10*	
		For >40, Deduct	*-172.41*	
26 56 13 00-0435	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,404.20	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*128.30*	
		For >10 To 20, Deduct	*-47.93*	
		For >20 To 40, Deduct	*-87.32*	
		For >40, Deduct	*-183.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0436	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,512.74	301.89
		For Bronze, Satin Or Black Anodized Finish, Add	*136.34*	
		For >10 To 20, Deduct	*-51.45*	
		For >20 To 40, Deduct	*-93.82*	
		For >40, Deduct	*-196.72*	
26 56 13 00-0437	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,608.56	329.34
		For Bronze, Satin Or Black Anodized Finish, Add	*142.48*	
		For >10 To 20, Deduct	*-54.46*	
		For >20 To 40, Deduct	*-99.43*	
		For >40, Deduct	*-208.35*	
26 56 13 00-0438	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,277.50	219.56
		For Bronze, Satin Or Black Anodized Finish, Add	*125.76*	
		For >10 To 20, Deduct	*-44.51*	
		For >20 To 40, Deduct	*-80.64*	
		For >40, Deduct	*-169.67*	
26 56 13 00-0439	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,376.14	247.00
		For Bronze, Satin Or Black Anodized Finish, Add	*132.32*	
		For >10 To 20, Deduct	*-47.64*	
		For >20 To 40, Deduct	*-86.45*	
		For >40, Deduct	*-181.72*	
26 56 13 00-0440	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,491.71	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*141.42*	
		For >10 To 20, Deduct	*-51.44*	
		For >20 To 40, Deduct	*-93.44*	
		For >40, Deduct	*-196.31*	
26 56 13 00-0441	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,593.19	301.89
		For Bronze, Satin Or Black Anodized Finish, Add	*148.41*	
		For >10 To 20, Deduct	*-54.67*	
		For >20 To 40, Deduct	*-99.45*	
		For >40, Deduct	*-208.79*	
26 56 13 00-0442	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,713.00	329.34
		For Bronze, Satin Or Black Anodized Finish, Add	*158.15*	
		For >10 To 20, Deduct	*-58.64*	
		For >20 To 40, Deduct	*-106.74*	
		For >40, Deduct	*-224.02*	
26 56 13 00-0443	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,572.16	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*153.49*	
		For >10 To 20, Deduct	*-54.65*	
		For >20 To 40, Deduct	*-99.07*	
		For >40, Deduct	*-208.38*	
26 56 13 00-0444	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,701.87	301.89
		For Bronze, Satin Or Black Anodized Finish, Add	*164.71*	
		For >10 To 20, Deduct	*-59.02*	
		For >20 To 40, Deduct	*-107.06*	
		For >40, Deduct	*-225.09*	
26 56 13 00-0445	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,800.51	329.34
		For Bronze, Satin Or Black Anodized Finish, Add	*171.27*	
		For >10 To 20, Deduct	*-62.14*	
		For >20 To 40, Deduct	*-112.86*	
		For >40, Deduct	*-237.14*	
26 56 13 00-0446	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,321.25	219.56
		For Bronze, Satin Or Black Anodized Finish, Add	*132.32*	
		For >10 To 20, Deduct	*-46.26*	
		For >20 To 40, Deduct	*-83.71*	
		For >40, Deduct	*-176.23*	
26 56 13 00-0447	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,442.48	247.00
		For Bronze, Satin Or Black Anodized Finish, Add	*142.27*	
		For >10 To 20, Deduct	*-50.29*	
		For >20 To 40, Deduct	*-91.09*	
		For >40, Deduct	*-191.67*	
26 56 13 00-0448	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,572.16	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*153.49*	
		For >10 To 20, Deduct	*-54.65*	
		For >20 To 40, Deduct	*-99.07*	
		For >40, Deduct	*-208.38*	
26 56 13 00-0449	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,684.93	301.89
		For Bronze, Satin Or Black Anodized Finish, Add	*162.17*	
		For >10 To 20, Deduct	*-58.34*	
		For >20 To 40, Deduct	*-105.87*	
		For >40, Deduct	*-222.55*	
26 56 13 00-0450	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,807.57	329.34
		For Bronze, Satin Or Black Anodized Finish, Add	*172.33*	
		For >10 To 20, Deduct	*-62.42*	
		For >20 To 40, Deduct	*-113.36*	
		For >40, Deduct	*-238.20*	
26 56 13 00-0451	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,663.90	274.45
		For Bronze, Satin Or Black Anodized Finish, Add	*167.25*	
		For >10 To 20, Deduct	*-58.32*	
		For >20 To 40, Deduct	*-105.50*	
		For >40, Deduct	*-222.14*	
26 56 13 00-0452	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,804.90	301.89
		For Bronze, Satin Or Black Anodized Finish, Add	*180.17*	
		For >10 To 20, Deduct	*-63.14*	
		For >20 To 40, Deduct	*-114.27*	
		For >40, Deduct	*-240.55*	
26 56 13 00-0453	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,910.60	329.34
		For Bronze, Satin Or Black Anodized Finish, Add	*187.79*	
		For >10 To 20, Deduct	*-66.54*	
		For >20 To 40, Deduct	*-120.57*	
		For >40, Deduct	*-253.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0454		Round Tapered, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0354)*		
		Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0455	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	692.23	137.22
		For Bronze Or Satin Anodized Finish, Add	*41.78*	
		For Black Anodized Finish, Add	*83.56*	
		For >10 To 20, Deduct	*-23.57*	
		For >20 To 40, Deduct	*-42.97*	
		For >40, Deduct	*-90.11*	
26 56 13 00-0456	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	731.75	137.22
		For Bronze Or Satin Anodized Finish, Add	*45.73*	
		For Black Anodized Finish, Add	*91.46*	
		For >10 To 20, Deduct	*-25.15*	
		For >20 To 40, Deduct	*-45.73*	
		For >40, Deduct	*-96.04*	
26 56 13 00-0457	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	791.65	150.94
		For Bronze Or Satin Anodized Finish, Add	*48.98*	
		For Black Anodized Finish, Add	*97.95*	
		For >10 To 20, Deduct	*-27.14*	
		For >20 To 40, Deduct	*-49.38*	
		For >40, Deduct	*-103.65*	
26 56 13 00-0458	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	841.68	164.67
		For Bronze Or Satin Anodized Finish, Add	*51.23*	
		For Black Anodized Finish, Add	*102.47*	
		For >10 To 20, Deduct	*-28.73*	
		For >20 To 40, Deduct	*-52.33*	
		For >40, Deduct	*-109.79*	
26 56 13 00-0459	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	892.49	164.67
		For Bronze Or Satin Anodized Finish, Add	*56.32*	
		For Black Anodized Finish, Add	*112.63*	
		For >10 To 20, Deduct	*-30.76*	
		For >20 To 40, Deduct	*-55.89*	
		For >40, Deduct	*-117.41*	
26 56 13 00-0460	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	829.76	150.94
		For Bronze Or Satin Anodized Finish, Add	*52.79*	
		For Black Anodized Finish, Add	*105.57*	
		For >10 To 20, Deduct	*-28.66*	
		For >20 To 40, Deduct	*-52.05*	
		For >40, Deduct	*-109.37*	
26 56 13 00-0461	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	896.73	164.67
		For Bronze Or Satin Anodized Finish, Add	*56.74*	
		For Black Anodized Finish, Add	*113.48*	
		For >10 To 20, Deduct	*-30.93*	
		For >20 To 40, Deduct	*-56.18*	
		For >40, Deduct	*-118.04*	
26 56 13 00-0462	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	924.96	164.67
		For Bronze Or Satin Anodized Finish, Add	*59.56*	
		For Black Anodized Finish, Add	*119.12*	
		For >10 To 20, Deduct	*-32.06*	
		For >20 To 40, Deduct	*-58.16*	
		For >40, Deduct	*-122.28*	
26 56 13 00-0463	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	997.57	178.39
		For Bronze Or Satin Anodized Finish, Add	*64.08*	
		For Black Anodized Finish, Add	*128.16*	
		For >10 To 20, Deduct	*-34.55*	
		For >20 To 40, Deduct	*-62.69*	
		For >40, Deduct	*-131.80*	
26 56 13 00-0464	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,064.53	192.12
		For Bronze Or Satin Anodized Finish, Add	*68.03*	
		For Black Anodized Finish, Add	*136.06*	
		For >10 To 20, Deduct	*-36.82*	
		For >20 To 40, Deduct	*-66.83*	
		For >40, Deduct	*-140.47*	
26 56 13 00-0465	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,006.82	164.67
		For Bronze Or Satin Anodized Finish, Add	*67.75*	
		For Black Anodized Finish, Add	*135.50*	
		For >10 To 20, Deduct	*-35.33*	
		For >20 To 40, Deduct	*-63.89*	
		For >40, Deduct	*-134.56*	
26 56 13 00-0466	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,087.90	178.39
		For Bronze Or Satin Anodized Finish, Add	*73.11*	
		For Black Anodized Finish, Add	*146.22*	
		For >10 To 20, Deduct	*-38.16*	
		For >20 To 40, Deduct	*-69.02*	
		For >40, Deduct	*-145.35*	
26 56 13 00-0467	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,161.92	192.12
		For Bronze Or Satin Anodized Finish, Add	*77.77*	
		For Black Anodized Finish, Add	*155.54*	
		For >10 To 20, Deduct	*-40.71*	
		For >20 To 40, Deduct	*-73.65*	
		For >40, Deduct	*-155.08*	
26 56 13 00-0468	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,203.64	178.39
		For Bronze Or Satin Anodized Finish, Add	*84.69*	
		For Black Anodized Finish, Add	*169.37*	
		For >10 To 20, Deduct	*-42.79*	
		For >20 To 40, Deduct	*-77.12*	
		For >40, Deduct	*-162.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0469	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,549.90	219.56
		For Bronze Or Satin Anodized Finish, Add	*111.08*	
		For Black Anodized Finish, Add	*222.16*	
		For >10 To 20, Deduct	*-55.41*	
		For >20 To 40, Deduct	*-99.71*	
		For >40, Deduct	*-210.53*	
26 56 13 00-0470	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,709.39	219.56
		For Bronze Or Satin Anodized Finish, Add	*127.03*	
		For Black Anodized Finish, Add	*254.05*	
		For >10 To 20, Deduct	*-61.79*	
		For >20 To 40, Deduct	*-110.87*	
		For >40, Deduct	*-234.45*	
26 56 13 00-0471	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,901.19	247.00
		For Bronze Or Satin Anodized Finish, Add	*140.72*	
		For Black Anodized Finish, Add	*281.44*	
		For >10 To 20, Deduct	*-68.64*	
		For >20 To 40, Deduct	*-123.20*	
		For >40, Deduct	*-260.48*	
26 56 13 00-0472	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	2,074.79	247.00
		For Bronze Or Satin Anodized Finish, Add	*158.08*	
		For Black Anodized Finish, Add	*316.16*	
		For >10 To 20, Deduct	*-75.58*	
		For >20 To 40, Deduct	*-135.36*	
		For >40, Deduct	*-286.52*	

26 56 13 00-0473 Square Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0474 Square Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0473)*

26 56 13 00-0475	EA	8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	912.25	164.67
		For Bronze Or Satin Anodized Finish, Add	*58.29*	
		For Black Anodized Finish, Add	*116.58*	
		For >10 To 20, Deduct	*-31.55*	
		For >20 To 40, Deduct	*-57.27*	
		For >40, Deduct	*-120.37*	
26 56 13 00-0476	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	996.78	192.12
		For Bronze Or Satin Anodized Finish, Add	*61.26*	
		For Black Anodized Finish, Add	*122.51*	
		For >10 To 20, Deduct	*-34.11*	
		For >20 To 40, Deduct	*-62.09*	
		For >40, Deduct	*-130.31*	
26 56 13 00-0477	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,092.60	219.56
		For Bronze Or Satin Anodized Finish, Add	*65.35*	
		For Black Anodized Finish, Add	*130.70*	
		For >10 To 20, Deduct	*-37.12*	
		For >20 To 40, Deduct	*-67.70*	
		For >40, Deduct	*-141.93*	
26 56 13 00-0478	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,187.01	247.00
		For Bronze Or Satin Anodized Finish, Add	*69.30*	
		For Black Anodized Finish, Add	*138.60*	
		For >10 To 20, Deduct	*-40.07*	
		For >20 To 40, Deduct	*-73.21*	
		For >40, Deduct	*-153.35*	
26 56 13 00-0479	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,239.86	260.73
		For Bronze Or Satin Anodized Finish, Add	*71.84*	
		For Black Anodized Finish, Add	*143.68*	
		For >10 To 20, Deduct	*-41.77*	
		For >20 To 40, Deduct	*-76.36*	
		For >40, Deduct	*-159.91*	
26 56 13 00-0480	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,292.70	274.45
		For Bronze Or Satin Anodized Finish, Add	*74.38*	
		For Black Anodized Finish, Add	*148.76*	
		For >10 To 20, Deduct	*-43.47*	
		For >20 To 40, Deduct	*-79.51*	
		For >40, Deduct	*-166.46*	
26 56 13 00-0481	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,395.59	301.89
		For Bronze Or Satin Anodized Finish, Add	*79.18*	
		For Black Anodized Finish, Add	*158.36*	
		For >10 To 20, Deduct	*-46.77*	
		For >20 To 40, Deduct	*-85.62*	
		For >40, Deduct	*-179.15*	
26 56 13 00-0482	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,511.17	329.34
		For Bronze Or Satin Anodized Finish, Add	*85.25*	
		For Black Anodized Finish, Add	*170.50*	
		For >10 To 20, Deduct	*-50.57*	
		For >20 To 40, Deduct	*-92.61*	
		For >40, Deduct	*-193.74*	
26 56 13 00-0483	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,390.09	274.45
		For Bronze Or Satin Anodized Finish, Add	*84.12*	
		For Black Anodized Finish, Add	*168.24*	
		For >10 To 20, Deduct	*-47.37*	
		For >20 To 40, Deduct	*-86.33*	
		For >40, Deduct	*-181.07*	
26 56 13 00-0484	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,495.80	301.89
		For Bronze Or Satin Anodized Finish, Add	*89.20*	
		For Black Anodized Finish, Add	*178.40*	
		For >10 To 20, Deduct	*-50.78*	
		For >20 To 40, Deduct	*-92.63*	
		For >40, Deduct	*-194.18*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0485	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,619.85	329.34
		For Bronze Or Satin Anodized Finish, Add	*96.12*	
		For Black Anodized Finish, Add	*192.23*	
		For >10 To 20, Deduct	*-54.91*	
		For >20 To 40, Deduct	*-100.22*	
		For >40, Deduct	*-210.04*	
26 56 13 00-0486	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,663.28	260.73
		For Bronze Or Satin Anodized Finish, Add	*114.18*	
		For Black Anodized Finish, Add	*228.37*	
		For >10 To 20, Deduct	*-58.71*	
		For >20 To 40, Deduct	*-106.00*	
		For >40, Deduct	*-223.42*	
26 56 13 00-0487	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	2,024.92	329.34
		For Bronze Or Satin Anodized Finish, Add	*136.62*	
		For Black Anodized Finish, Add	*273.25*	
		For >10 To 20, Deduct	*-71.12*	
		For >20 To 40, Deduct	*-128.57*	
		For >40, Deduct	*-270.80*	
26 56 13 00-0488	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	2,420.91	439.12
		For Bronze Or Satin Anodized Finish, Add	*154.27*	
		For Black Anodized Finish, Add	*308.53*	
		For >10 To 20, Deduct	*-83.66*	
		For >20 To 40, Deduct	*-151.90*	
		For >40, Deduct	*-319.22*	
26 56 13 00-0489	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,707.36	329.34
		For Bronze Or Satin Anodized Finish, Add	*104.87*	
		For Black Anodized Finish, Add	*209.74*	
		For >10 To 20, Deduct	*-58.41*	
		For >20 To 40, Deduct	*-106.34*	
		For >40, Deduct	*-223.17*	
26 56 13 00-0490	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,195.71	329.34
		For Bronze Or Satin Anodized Finish, Add	*153.70*	
		For Black Anodized Finish, Add	*307.41*	
		For >10 To 20, Deduct	*-77.95*	
		For >20 To 40, Deduct	*-140.53*	
		For >40, Deduct	*-296.42*	
26 56 13 00-0491	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,576.17	439.12
		For Bronze Or Satin Anodized Finish, Add	*169.79*	
		For Black Anodized Finish, Add	*339.59*	
		For >10 To 20, Deduct	*-89.87*	
		For >20 To 40, Deduct	*-162.77*	
		For >40, Deduct	*-342.51*	
26 56 13 00-0492	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,463.87	329.34
		For Bronze Or Satin Anodized Finish, Add	*180.52*	
		For Black Anodized Finish, Add	*361.04*	
		For >10 To 20, Deduct	*-88.67*	
		For >20 To 40, Deduct	*-159.30*	
		For >40, Deduct	*-336.65*	
26 56 13 00-0493	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,926.20	439.12
		For Bronze Or Satin Anodized Finish, Add	*204.80*	
		For Black Anodized Finish, Add	*409.59*	
		For >10 To 20, Deduct	*-103.87*	
		For >20 To 40, Deduct	*-187.27*	
		For >40, Deduct	*-395.02*	
26 56 13 00-0494	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	3,400.12	494.01
		For Bronze Or Satin Anodized Finish, Add	*241.21*	
		For Black Anodized Finish, Add	*482.42*	
		For >10 To 20, Deduct	*-121.18*	
		For >20 To 40, Deduct	*-218.25*	
		For >40, Deduct	*-460.62*	

26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0473)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0496	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	830.55	137.22
		For Bronze Or Satin Anodized Finish, Add	*55.61*	
		For Black Anodized Finish, Add	*111.22*	
		For >10 To 20, Deduct	*-29.11*	
		For >20 To 40, Deduct	*-52.65*	
		For >40, Deduct	*-110.86*	
26 56 13 00-0497	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	929.97	150.94
		For Bronze Or Satin Anodized Finish, Add	*62.81*	
		For Black Anodized Finish, Add	*125.62*	
		For >10 To 20, Deduct	*-32.67*	
		For >20 To 40, Deduct	*-59.06*	
		For >40, Deduct	*-124.40*	
26 56 13 00-0498	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	987.06	164.67
		For Bronze Or Satin Anodized Finish, Add	*65.77*	
		For Black Anodized Finish, Add	*131.54*	
		For >10 To 20, Deduct	*-34.54*	
		For >20 To 40, Deduct	*-62.51*	
		For >40, Deduct	*-131.59*	
26 56 13 00-0499	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	1,022.34	164.67
		For Bronze Or Satin Anodized Finish, Add	*69.30*	
		For Black Anodized Finish, Add	*138.60*	
		For >10 To 20, Deduct	*-35.95*	
		For >20 To 40, Deduct	*-64.98*	
		For >40, Deduct	*-136.88*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0500	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	1,066.10	164.67
		For Bronze Or Satin Anodized Finish, Add	*73.68*	
		For Black Anodized Finish, Add	*147.35*	
		For >10 To 20, Deduct	*-37.70*	
		For >20 To 40, Deduct	*-68.04*	
		For >40, Deduct	*-143.45*	
26 56 13 00-0501	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,243.16	178.39
		For Bronze Or Satin Anodized Finish, Add	*88.64*	
		For Black Anodized Finish, Add	*177.27*	
		For >10 To 20, Deduct	*-44.37*	
		For >20 To 40, Deduct	*-79.89*	
		For >40, Deduct	*-168.63*	
26 56 13 00-0502	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,331.29	192.12
		For Bronze Or Satin Anodized Finish, Add	*94.71*	
		For Black Anodized Finish, Add	*189.41*	
		For >10 To 20, Deduct	*-47.49*	
		For >20 To 40, Deduct	*-85.51*	
		For >40, Deduct	*-180.48*	
26 56 13 00-0503	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,552.88	192.12
		For Bronze Or Satin Anodized Finish, Add	*116.87*	
		For Black Anodized Finish, Add	*233.73*	
		For >10 To 20, Deduct	*-56.35*	
		For >20 To 40, Deduct	*-101.02*	
		For >40, Deduct	*-213.72*	
26 56 13 00-0504	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,785.61	219.56
		For Bronze Or Satin Anodized Finish, Add	*134.65*	
		For Black Anodized Finish, Add	*269.30*	
		For >10 To 20, Deduct	*-64.84*	
		For >20 To 40, Deduct	*-116.21*	
		For >40, Deduct	*-245.89*	
26 56 13 00-0505	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	2,281.01	219.56
		For Bronze Or Satin Anodized Finish, Add	*184.19*	
		For Black Anodized Finish, Add	*368.38*	
		For >10 To 20, Deduct	*-84.65*	
		For >20 To 40, Deduct	*-150.89*	
		For >40, Deduct	*-320.20*	

26 56 13 00-0506 Factory Accessories For Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0507	EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	46.01
26 56 13 00-0508	EA	Extra Handhole For Aluminum Area Light Poles	52.61
26 56 13 00-0509	EA	Vibration Dampener For Aluminum Area Light Poles	69.60

26 56 13 00-0510 Fiberglass Area Light Poles *(26 56 13 00-0177)*

Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.

26 56 13 00-0511 Round Tapered, Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0512 Round Tapered, Fiberglass Area Light Poles, Anchor Base *(26 56 13 00-0511)*

26 56 13 00-0513	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,147.26	192.12
		For >10 To 20, Deduct	*-40.13*	
		For >20 To 40, Deduct	*-72.62*	
		For >40, Deduct	*-152.88*	
26 56 13 00-0514	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,247.57	219.56
		For >10 To 20, Deduct	*-43.32*	
		For >20 To 40, Deduct	*-78.55*	
		For >40, Deduct	*-165.18*	
26 56 13 00-0515	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,349.17	247.00
		For >10 To 20, Deduct	*-46.56*	
		For >20 To 40, Deduct	*-84.56*	
		For >40, Deduct	*-177.68*	
26 56 13 00-0516	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,449.47	274.45
		For >10 To 20, Deduct	*-49.75*	
		For >20 To 40, Deduct	*-90.49*	
		For >40, Deduct	*-189.98*	
26 56 13 00-0517	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,573.15	301.89
		For >10 To 20, Deduct	*-53.87*	
		For >20 To 40, Deduct	*-98.04*	
		For >40, Deduct	*-205.78*	
26 56 13 00-0518	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,676.05	329.34
		For >10 To 20, Deduct	*-57.16*	
		For >20 To 40, Deduct	*-104.15*	
		For >40, Deduct	*-218.47*	
26 56 13 00-0519	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,832.55	384.23
		For >10 To 20, Deduct	*-61.78*	
		For >20 To 40, Deduct	*-112.91*	
		For >40, Deduct	*-236.46*	
26 56 13 00-0520	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,987.75	439.12
		For >10 To 20, Deduct	*-66.34*	
		For >20 To 40, Deduct	*-121.58*	
		For >40, Deduct	*-254.25*	
26 56 13 00-0521	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,092.86	439.12
		For >10 To 20, Deduct	*-70.54*	
		For >20 To 40, Deduct	*-128.94*	
		For >40, Deduct	*-270.02*	
26 56 13 00-0522	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,239.88	466.57
		For >10 To 20, Deduct	*-75.60*	
		For >20 To 40, Deduct	*-138.13*	
		For >40, Deduct	*-289.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0523	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,386.91	494.01
		For >10 To 20, Deduct	*-80.66*	
		For >20 To 40, Deduct	*-147.32*	
		For >40, Deduct	*-308.64*	
26 56 13 00-0524	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,266.65	192.12
		For >10 To 20, Deduct	*-44.90*	
		For >20 To 40, Deduct	*-80.98*	
		For >40, Deduct	*-170.79*	
26 56 13 00-0525	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,343.60	219.56
		For >10 To 20, Deduct	*-47.16*	
		For >20 To 40, Deduct	*-85.27*	
		For >40, Deduct	*-179.58*	
26 56 13 00-0526	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,421.84	247.00
		For >10 To 20, Deduct	*-49.46*	
		For >20 To 40, Deduct	*-89.65*	
		For >40, Deduct	*-188.58*	
26 56 13 00-0527	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,502.68	274.45
		For >10 To 20, Deduct	*-51.87*	
		For >20 To 40, Deduct	*-94.21*	
		For >40, Deduct	*-197.96*	
26 56 13 00-0528	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,590.02	301.89
		For >10 To 20, Deduct	*-54.54*	
		For >20 To 40, Deduct	*-99.23*	
		For >40, Deduct	*-208.31*	
26 56 13 00-0529	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,676.05	329.34
		For >10 To 20, Deduct	*-57.16*	
		For >20 To 40, Deduct	*-104.15*	
		For >40, Deduct	*-218.47*	
26 56 13 00-0530	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,816.98	384.23
		For >10 To 20, Deduct	*-61.15*	
		For >20 To 40, Deduct	*-111.82*	
		For >40, Deduct	*-234.12*	
26 56 13 00-0531	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,987.75	439.12
		For >10 To 20, Deduct	*-66.34*	
		For >20 To 40, Deduct	*-121.58*	
		For >40, Deduct	*-254.25*	
26 56 13 00-0532	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,031.87	439.12
		For >10 To 20, Deduct	*-68.10*	
		For >20 To 40, Deduct	*-124.67*	
		For >40, Deduct	*-260.87*	
26 56 13 00-0533	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,132.18	466.57
		For >10 To 20, Deduct	*-71.29*	
		For >20 To 40, Deduct	*-130.59*	
		For >40, Deduct	*-273.17*	
26 56 13 00-0534	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,232.49	494.01
		For >10 To 20, Deduct	*-74.48*	
		For >20 To 40, Deduct	*-136.51*	
		For >40, Deduct	*-285.47*	
26 56 13 00-0535	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,441.83	192.12
		For >10 To 20, Deduct	*-51.91*	
		For >20 To 40, Deduct	*-93.24*	
		For >40, Deduct	*-197.06*	
26 56 13 00-0536	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,536.95	219.56
		For >10 To 20, Deduct	*-54.89*	
		For >20 To 40, Deduct	*-98.80*	
		For >40, Deduct	*-208.59*	
26 56 13 00-0537	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,632.07	247.00
		For >10 To 20, Deduct	*-57.87*	
		For >20 To 40, Deduct	*-104.36*	
		For >40, Deduct	*-220.11*	
26 56 13 00-0538	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,728.47	274.45
		For >10 To 20, Deduct	*-60.91*	
		For >20 To 40, Deduct	*-110.02*	
		For >40, Deduct	*-231.83*	
26 56 13 00-0539	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,830.09	301.89
		For >10 To 20, Deduct	*-64.15*	
		For >20 To 40, Deduct	*-116.03*	
		For >40, Deduct	*-244.32*	
26 56 13 00-0540	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,939.48	329.34
		For >10 To 20, Deduct	*-67.70*	
		For >20 To 40, Deduct	*-122.59*	
		For >40, Deduct	*-257.99*	
26 56 13 00-0541	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,115.44	384.23
		For >10 To 20, Deduct	*-73.09*	
		For >20 To 40, Deduct	*-132.71*	
		For >40, Deduct	*-278.89*	
26 56 13 00-0542	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,292.70	439.12
		For >10 To 20, Deduct	*-78.53*	
		For >20 To 40, Deduct	*-142.92*	
		For >40, Deduct	*-299.99*	
26 56 13 00-0543	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,360.18	439.12
		For >10 To 20, Deduct	*-81.23*	
		For >20 To 40, Deduct	*-147.65*	
		For >40, Deduct	*-310.12*	
26 56 13 00-0544	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,521.48	466.57
		For >10 To 20, Deduct	*-86.86*	
		For >20 To 40, Deduct	*-157.84*	
		For >40, Deduct	*-331.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0545	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,652.93	494.01
		For >10 To 20, Deduct	*-91.30*	
		For >20 To 40, Deduct	*-165.94*	
		For >40, Deduct	*-348.54*	
26 56 13 00-0546	EA	32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,756.93	507.73
		For >10 To 20, Deduct	*-95.05*	
		For >20 To 40, Deduct	*-172.68*	
		For >40, Deduct	*-362.77*	
26 56 13 00-0547	EA	34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,860.94	521.45
		For >10 To 20, Deduct	*-98.79*	
		For >20 To 40, Deduct	*-179.41*	
		For >40, Deduct	*-377.00*	
26 56 13 00-0548		Round Tapered, Fiberglass Area Light Poles, Direct Burial *(26 56 13 00-0511)*		
26 56 13 00-0549	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	710.47	137.22
		For >10 To 20, Deduct	*-24.30*	
		For >20 To 40, Deduct	*-44.24*	
		For >40, Deduct	*-92.85*	
26 56 13 00-0550	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	762.56	150.94
		For >10 To 20, Deduct	*-25.97*	
		For >20 To 40, Deduct	*-47.34*	
		For >40, Deduct	*-99.29*	
26 56 13 00-0551	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	813.37	164.67
		For >10 To 20, Deduct	*-27.59*	
		For >20 To 40, Deduct	*-50.35*	
		For >40, Deduct	*-105.54*	
26 56 13 00-0552	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	835.43	164.67
		For >10 To 20, Deduct	*-28.48*	
		For >20 To 40, Deduct	*-51.89*	
		For >40, Deduct	*-108.85*	
26 56 13 00-0553	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	899.22	178.39
		For >10 To 20, Deduct	*-30.62*	
		For >20 To 40, Deduct	*-55.81*	
		For >40, Deduct	*-117.04*	
26 56 13 00-0554	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	952.61	192.12
		For >10 To 20, Deduct	*-32.34*	
		For >20 To 40, Deduct	*-59.00*	
		For >40, Deduct	*-123.68*	
26 56 13 00-0555	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,009.90	205.84
		For >10 To 20, Deduct	*-34.22*	
		For >20 To 40, Deduct	*-62.46*	
		For >40, Deduct	*-130.90*	
26 56 13 00-0556	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,073.68	219.56
		For >10 To 20, Deduct	*-36.36*	
		For >20 To 40, Deduct	*-66.38*	
		For >40, Deduct	*-139.10*	
26 56 13 00-0557	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,198.26	219.56
		For >10 To 20, Deduct	*-41.34*	
		For >20 To 40, Deduct	*-75.10*	
		For >40, Deduct	*-157.78*	
26 56 13 00-0558	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,350.28	233.28
		For >10 To 20, Deduct	*-47.01*	
		For >20 To 40, Deduct	*-85.19*	
		For >40, Deduct	*-179.21*	
26 56 13 00-0559	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,502.30	247.00
		For >10 To 20, Deduct	*-52.68*	
		For >20 To 40, Deduct	*-95.28*	
		For >40, Deduct	*-200.64*	
26 56 13 00-0560	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	829.85	137.22
		For >10 To 20, Deduct	*-29.08*	
		For >20 To 40, Deduct	*-52.60*	
		For >40, Deduct	*-110.76*	
26 56 13 00-0561	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	888.44	150.94
		For >10 To 20, Deduct	*-31.01*	
		For >20 To 40, Deduct	*-56.15*	
		For >40, Deduct	*-118.17*	
26 56 13 00-0562	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	947.03	164.67
		For >10 To 20, Deduct	*-32.94*	
		For >20 To 40, Deduct	*-59.71*	
		For >40, Deduct	*-125.59*	
26 56 13 00-0563	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	979.47	164.67
		For >10 To 20, Deduct	*-34.24*	
		For >20 To 40, Deduct	*-61.98*	
		For >40, Deduct	*-130.45*	
26 56 13 00-0564	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,038.07	178.39
		For >10 To 20, Deduct	*-36.17*	
		For >20 To 40, Deduct	*-65.53*	
		For >40, Deduct	*-137.87*	
26 56 13 00-0565	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,096.65	192.12
		For >10 To 20, Deduct	*-38.10*	
		For >20 To 40, Deduct	*-69.08*	
		For >40, Deduct	*-145.29*	
26 56 13 00-0566	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,155.23	205.84
		For >10 To 20, Deduct	*-40.03*	
		For >20 To 40, Deduct	*-72.63*	
		For >40, Deduct	*-152.70*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0567	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,243.68	219.56
		For >10 To 20, Deduct	*-43.16*	
		For >20 To 40, Deduct	*-78.28*	
		For >40, Deduct	*-164.60*	
26 56 13 00-0568	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,364.36	219.56
		For >10 To 20, Deduct	*-47.99*	
		For >20 To 40, Deduct	*-86.72*	
		For >40, Deduct	*-182.70*	
26 56 13 00-0569	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,513.79	233.28
		For >10 To 20, Deduct	*-53.55*	
		For >20 To 40, Deduct	*-96.63*	
		For >40, Deduct	*-203.74*	
26 56 13 00-0570	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,661.91	247.00
		For >10 To 20, Deduct	*-59.07*	
		For >20 To 40, Deduct	*-106.45*	
		For >40, Deduct	*-224.59*	
26 56 13 00-0571	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	934.96	137.22
		For >10 To 20, Deduct	*-33.28*	
		For >20 To 40, Deduct	*-59.96*	
		For >40, Deduct	*-126.52*	
26 56 13 00-0572	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	985.76	150.94
		For >10 To 20, Deduct	*-34.90*	
		For >20 To 40, Deduct	*-62.97*	
		For >40, Deduct	*-132.77*	
26 56 13 00-0573	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,035.27	164.67
		For >10 To 20, Deduct	*-36.47*	
		For >20 To 40, Deduct	*-65.88*	
		For >40, Deduct	*-138.82*	
26 56 13 00-0574	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,057.33	164.67
		For >10 To 20, Deduct	*-37.35*	
		For >20 To 40, Deduct	*-67.43*	
		For >40, Deduct	*-142.13*	
26 56 13 00-0575	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,106.84	178.39
		For >10 To 20, Deduct	*-38.92*	
		For >20 To 40, Deduct	*-70.34*	
		For >40, Deduct	*-148.19*	
26 56 13 00-0576	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,157.64	192.12
		For >10 To 20, Deduct	*-40.54*	
		For >20 To 40, Deduct	*-73.35*	
		For >40, Deduct	*-154.43*	
26 56 13 00-0577	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,252.56	205.84
		For >10 To 20, Deduct	*-43.93*	
		For >20 To 40, Deduct	*-79.45*	
		For >40, Deduct	*-167.30*	
26 56 13 00-0578	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,363.06	219.56
		For >10 To 20, Deduct	*-47.94*	
		For >20 To 40, Deduct	*-86.63*	
		For >40, Deduct	*-182.50*	
26 56 13 00-0579	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,438.33	219.56
		For >10 To 20, Deduct	*-50.95*	
		For >20 To 40, Deduct	*-91.90*	
		For >40, Deduct	*-193.79*	
26 56 13 00-0580	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,542.34	233.28
		For >10 To 20, Deduct	*-54.70*	
		For >20 To 40, Deduct	*-98.63*	
		For >40, Deduct	*-208.02*	
26 56 13 00-0581	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,646.34	247.00
		For >10 To 20, Deduct	*-58.44*	
		For >20 To 40, Deduct	*-105.36*	
		For >40, Deduct	*-222.25*	

26 56 13 00-0582 Factory Accessories For Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0583	EA	Open Or Capped Top For Fiberglass Area Light Poles	46.01
26 56 13 00-0584	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles	46.01
26 56 13 00-0585	EA	Smooth Shaft Finish For Fiberglass Area Light Poles	87.30
26 56 13 00-0586	EA	Vibration Dampener For Fiberglass Area Light Poles	115.61

26 56 13 00-0587 Concrete Area Light Poles *(26 56 13 00-0177)*

26 56 13 00-0588 Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base *(26 56 13 00-0587)*

26 56 13 00-0589	EA	28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	1,907.02	466.57
26 56 13 00-0590	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,010.60	494.01
26 56 13 00-0591	EA	33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,085.61	507.73
26 56 13 00-0592	EA	36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,592.97	521.45
26 56 13 00-0593	EA	38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,880.37	548.89
26 56 13 00-0594	EA	43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,565.18	713.57
26 56 13 00-0595	EA	47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,271.13	878.24
26 56 13 00-0596	EA	27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	4,139.51	466.57
26 56 13 00-0597	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	4,777.38	494.01
26 56 13 00-0598	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	476.21	164.67
26 56 13 00-0599	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	2,481.08	329.23
26 56 13 00-0600	EA	Pole Base Cover For All Octagon Poles	185.43	67.18
26 56 13 00-0601	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	378.92	134.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0602		**Tapered, Spun Concrete Area Light Poles, Direct Burial** *(26 56 13 00-0587)* Note: Round or square.		
26 56 13 00-0603	EA	13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,047.86	219.56
26 56 13 00-0604	EA	16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,314.10	274.45
26 56 13 00-0605	EA	18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,555.36	329.34
26 56 13 00-0606	EA	30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,560.65	494.01
26 56 13 00-0607	EA	35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,105.84	521.45
26 56 13 00-0608	EA	40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,695.36	548.89
26 56 13 00-0609	EA	45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,443.23	713.57
26 56 13 00-0610		**Round Tapered, Spun Concrete Area Light Poles, Direct Burial** *(26 56 13 00-0587)*		
26 56 13 00-0611	EA	60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	11,230.18	1,235.02
26 56 13 00-0612	EA	70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	13,373.90	1,521.11
26 56 13 00-0613	EA	80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	15,913.55	2,054.84
26 56 13 00-0614		**Treated Wood Area Light Poles** *(26 56 13 00-0177)* See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0615		**Cast Iron Decorative Light Posts** *(26 56 13 00-0177)*		
26 56 13 00-0616		**Round Tapered, Cast Iron Decorative Light Post, Anchor Base** *(26 56 13 00-0615)* Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0617	EA	10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,036.50	137.22
26 56 13 00-0618	EA	12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,098.45	158.09
26 56 13 00-0619	EA	14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,188.45	164.67
26 56 13 00-0620	EA	16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,456.09	192.12
26 56 13 00-0621	EA	18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,694.30	208.58
26 56 13 00-0622	EA	20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,943.72	225.05
26 56 13 00-0623		**Landscape Light Poles** *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0624		**Aluminum Landscape Light Poles** *(26 56 13 00-0623)* Note: Includes painted finish.		
26 56 13 00-0625		**Round Straight, Aluminum Landscape Light Poles** *(26 56 13 00-0624)*		
26 56 13 00-0626		**Round Straight, Aluminum Landscape Light Poles, Anchor Base** *(26 56 13 00-0625)*		
26 56 13 00-0627	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	454.94	164.67
26 56 13 00-0628	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	836.63	219.56
26 56 13 00-0629		**Round Straight, Aluminum Landscape Light Poles, Direct Burial** *(26 56 13 00-0625)*		
26 56 13 00-0630	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	395.83	164.67
26 56 13 00-0631	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	777.52	219.56
26 56 13 00-0632		**Steel Landscape Light Poles** *(26 56 13 00-0623)* Note: Includes painted finish.		
26 56 13 00-0633		**Round Straight, Steel Landscape Light Poles** *(26 56 13 00-0632)*		
26 56 13 00-0634		**Round Straight, Steel Landscape Light Poles, Anchor Base** *(26 56 13 00-0633)*		
26 56 13 00-0635	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base	407.89	164.67
26 56 13 00-0636		**Round Straight, Steel Landscape Light Poles, Direct Burial** *(26 56 13 00-0633)*		
26 56 13 00-0637	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial	390.29	164.67
26 56 13 00-0638		**Light Pole Brackets And Arms** *(26 56 13 00-0001)*		
26 56 13 00-0639		**Light Pole Brackets** *(26 56 13 00-0638)*		
26 56 13 00-0640		**Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0639)*		
26 56 13 00-0641		**Round Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0640)*		
26 56 13 00-0642		**Steel, Round Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0641)* Note: Includes powdercoat finish.		
26 56 13 00-0643	EA	Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	380.87	32.93
		For Galvanized Finish, Add	*31.50*	
26 56 13 00-0644	EA	Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	475.90	32.93
		For Galvanized Finish, Add	*41.00*	
26 56 13 00-0645	EA	Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	504.91	32.93
		For Galvanized Finish, Add	*43.90*	
26 56 13 00-0646	EA	Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	683.98	32.93
		For Galvanized Finish, Add	*61.81*	
26 56 13 00-0647	EA	Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	711.87	32.93
		For Galvanized Finish, Add	*64.60*	
26 56 13 00-0648		**Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0641)* Note: Includes satin brushed or painted finish.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0649	EA	Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	295.93	32.93
		For Bronze Or Satin Anodized Finish, Add	*23.01*	
		For Black Anodized Finish, Add	*46.01*	
26 56 13 00-0650	EA	Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	369.32	32.93
		For Bronze Or Satin Anodized Finish, Add	*30.35*	
		For Black Anodized Finish, Add	*60.69*	
26 56 13 00-0651	EA	Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	389.08	32.93
		For Bronze Or Satin Anodized Finish, Add	*32.32*	
		For Black Anodized Finish, Add	*64.64*	
26 56 13 00-0652	EA	Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	458.24	32.93
		For Bronze Or Satin Anodized Finish, Add	*39.24*	
		For Black Anodized Finish, Add	*78.47*	
26 56 13 00-0653	EA	Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	472.36	32.93
		For Bronze Or Satin Anodized Finish, Add	*40.65*	
		For Black Anodized Finish, Add	*81.30*	

26 56 13 00-0654 Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)*

26 56 13 00-0655 Steel, Square Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0654)*

Note: Includes powdercoat finish.

26 56 13 00-0656	EA	Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	408.00	32.93
		For Galvanized Finish, Add	*34.21*	
26 56 13 00-0657	EA	Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	499.04	32.93
		For Galvanized Finish, Add	*43.32*	
26 56 13 00-0658	EA	Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	605.95	32.93
		For Galvanized Finish, Add	*54.01*	
26 56 13 00-0659	EA	Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	713.37	32.93
		For Galvanized Finish, Add	*64.75*	

26 56 13 00-0660 Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0639)*

26 56 13 00-0661 Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets *(26 56 13 00-0660)*

Note: Includes powdercoat finish.

26 56 13 00-0662	EA	One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	401.14	54.89
26 56 13 00-0663	EA	Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	587.46	54.89
26 56 13 00-0664	EA	Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	807.92	54.89
26 56 13 00-0665	EA	Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	880.45	54.89

26 56 13 00-0666 Light Pole Arms *(26 56 13 00-0638)*

26 56 13 00-0667 Wood Pole Streetlight Arms *(26 56 13 00-0666)*

26 56 13 00-0668 Steel, Wood Pole Streetlight Arms *(26 56 13 00-0667)*

26 56 13 00-0669	EA	1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	244.11	49.40
26 56 13 00-0670	EA	1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	259.96	54.89
26 56 13 00-0671	EA	1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	304.53	68.62
26 56 13 00-0672	EA	2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	349.25	54.89
26 56 13 00-0673	EA	2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	393.57	68.62
26 56 13 00-0674	EA	2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	477.17	82.34

26 56 13 00-0675 Aluminum, Wood Pole Streetlight Arms *(26 56 13 00-0667)*

26 56 13 00-0676	EA	1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	267.82	54.89
26 56 13 00-0677	EA	2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	348.88	54.89
26 56 13 00-0678	EA	2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	472.62	68.62
26 56 13 00-0679	EA	2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	629.96	82.34

26 56 13 00-0680 Area Light Arms *(26 56 13 00-0666)*

26 56 13 00-0681 Steel Area Light Arms *(26 56 13 00-0680)*

26 56 13 00-0682	EA	Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	441.98	54.89
26 56 13 00-0683	EA	Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	677.46	60.37
26 56 13 00-0684	EA	Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	752.03	65.87
26 56 13 00-0685	EA	Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	888.87	71.36
26 56 13 00-0686	EA	Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	529.12	68.62
26 56 13 00-0687	EA	Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	741.24	74.11

26 56 13 00-0688 Aluminum Area Light Arms *(26 56 13 00-0680)*

26 56 13 00-0689	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	339.84	54.89
26 56 13 00-0690	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	418.09	68.62
26 56 13 00-0691	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	499.17	82.34
26 56 13 00-0692	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	337.02	54.89
26 56 13 00-0693	EA	Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	500.43	60.37
26 56 13 00-0694	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	412.44	68.62
26 56 13 00-0695	EA	Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	609.73	74.11
26 56 13 00-0696	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	502.00	82.34
26 56 13 00-0697	EA	Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	743.03	87.83

26 56 13 00-0698 Removal And Reinstallation Of Lighting Pole *(26 56 13 00-0001)*

26 56 13 00-0699	EA	Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms	1,811.37

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0700		High Mast Lighting *(26 56 13 00-0001)*		
26 56 13 00-0701		High Mast Lighting Assemblies *(26 56 13 00-0700)* Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole. See CSI section 26 56 21 00-0001 for high mast fixtures.		
26 56 13 00-0702	EA	60' High Mast Lighting Assembly	33,277.65	1,688.49
26 56 13 00-0703	EA	70' High Mast Lighting Assembly	35,145.66	1,768.44
26 56 13 00-0704	EA	80' High Mast Lighting Assembly	37,048.14	1,883.94
26 56 13 00-0705	EA	90' High Mast Lighting Assembly	38,984.00	2,034.99
26 56 13 00-0706	EA	100' High Mast Lighting Assembly	40,941.00	2,221.50
26 56 13 00-0707	EA	110' High Mast Lighting Assembly	43,460.32	2,443.81
26 56 13 00-0708	EA	120' High Mast Lighting Assembly	45,509.58	2,665.95
26 56 13 00-0709	EA	130' High Mast Lighting Assembly	47,408.85	2,888.09
26 56 13 00-0710	EA	140' High Mast Lighting Assembly	49,458.12	3,110.34
26 56 13 00-0711	EA	150' High Mast Lighting Assembly	51,931.86	3,332.47
26 56 13 00-0712		High Mast Light Poles *(26 56 13 00-0700)*		
26 56 13 00-0713	EA	60' High Mast Light Poles	12,931.24	1,014.08
26 56 13 00-0714	EA	70' High Mast Light Poles	14,775.23	1,062.11
26 56 13 00-0715	EA	80' High Mast Light Poles	16,643.03	1,131.50
26 56 13 00-0716	EA	90' High Mast Light Poles	18,533.52	1,222.23
26 56 13 00-0717	EA	100' High Mast Light Poles	20,447.82	1,334.31
26 56 13 00-0718	EA	110' High Mast Light Poles	22,385.92	1,467.74
26 56 13 00-0719	EA	120' High Mast Light Poles	23,868.45	1,601.17
26 56 13 00-0720	EA	130' High Mast Light Poles	23,465.24	2,967.51
26 56 13 00-0721	EA	140' High Mast Light Poles	26,682.35	1,868.03
26 56 13 00-0722	EA	150' High Mast Light Poles	28,315.99	2,001.47
26 56 13 00-0723		High Mast Lighting Accessories *(26 56 13 00-0700)* See CSI section 26 55 13 00-0119 for lighting fixtures, 26 56 21 00-0001 for light fixtures.		
26 56 13 00-0724	EA	Bottom Latching System For High Mast Lighting	601.48	
26 56 13 00-0725	EA	Top Latching System For High Mast Lighting	1,670.30	
26 56 13 00-0726	EA	Centering Springs For High Mast Lighting	1,264.67	
26 56 13 00-0727	EA	Electric Power Cord For High Mast Lighting	540.12	
26 56 13 00-0728	EA	Aircraft Warning Lights For High Mast Lighting	1,020.05	
26 56 13 00-0729	EA	Internal Motorized Hoist For High Mast Lighting	10,511.34	
26 56 13 00-0730	EA	Portable Hoist Motor With Step Down Transformer For High Mast Lighting	10,595.37	
26 56 13 00-0731		Concrete Bases *(26 56 13 00-0001)*		
26 56 13 00-0732		Concrete Bases, Cast In Place *(26 56 13 00-0731)* Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.		
26 56 13 00-0733	VLF	2' Diameter Concrete Base For Poles	82.63	
26 56 13 00-0734	VLF	2-1/2' Diameter Concrete Base For Poles	104.82	
26 56 13 00-0735	VLF	3' Diameter Concrete Base For Poles	127.96	
26 56 13 00-0736	VLF	3-1/2' Diameter Concrete Base For Poles	159.85	
26 56 13 00-0737	VLF	4' Diameter Concrete Base For Poles	190.81	
26 56 13 00-0738	VLF	5' Diameter Concrete Base For Poles	261.26	
26 56 13 00-0739	VLF	6' Diameter Concrete Base For Poles	345.11	
26 56 18		**Incandescent Exterior Lighting** *(26 56)*		
26 56 18 00-0001		Exterior Globe *(26 56 18)*		
26 56 18 00-0002		Incandescent, Exterior Globe *(26 56 18 00-0001)*		
26 56 18 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	58.94	18.24
26 56 18 00-0004	EA	150-200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	99.76	18.24
26 56 18 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	73.53	18.24
26 56 18 00-0006	EA	150-200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	105.39	18.24
26 56 18 00-0007		Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 18)* Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 18 00-0008	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	195.45	72.96
26 56 18 00-0009	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	204.61	77.52
26 56 18 00-0010	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	223.42	82.08
26 56 18 00-0011	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	225.18	91.19
26 56 18 00-0012	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	254.29	104.87
26 56 19		**LED Exterior Lighting** *(26 56)*		
26 56 19 00-0001		LED, Wall Packs *(26 56 19)*		
26 56 19 00-0002		Full Cutoff, LED Wall Packs *(26 56 19 00-0001)*		
26 56 19 00-0003		Full Cutoff, LED Wall Packs (Lithonia) *(26 56 19 00-0002)*		
26 56 19 00-0004	EA	30 LEDs, 57 System Watts, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,206.01	96.41

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0005		EA	30 LEDs, 35 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,315.99	96.41
26 56 19 00-0006			Full Cutoff, LED Wall Packs (CREE® BetaLED®) *(26 56 19 00-0002)*		
26 56 19 00-0007			Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) *(26 56 19 00-0006)* Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0008		EA	20 LEDs, 26 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	774.65	93.65
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
			For Bird Spikes, Add	*40.01*	
			For Fuse, Add	*48.64*	
			For 0 To 10 Volt Dimming, Add	*48.64*	
			For 480 Volt, Add	*72.97*	
			For Multi-Level, Add	*105.39*	
26 56 19 00-0009		EA	40 LEDs, 47 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	998.50	99.16
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
			For Bird Spikes, Add	*40.56*	
			For Fuse, Add	*48.64*	
			For 0 To 10 Volt Dimming, Add	*48.64*	
			For 480 Volt, Add	*72.97*	
			For Multi-Level, Add	*105.39*	
26 56 19 00-0010		EA	60 LEDs, 68 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,119.44	104.67
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
			For Bird Spikes, Add	*41.11*	
			For Fuse, Add	*48.64*	
			For 0 To 10 Volt Dimming, Add	*48.64*	
			For 480 Volt, Add	*72.97*	
			For Multi-Level, Add	*105.39*	
26 56 19 00-0011		EA	80 LEDs, 90 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,446.16	110.18
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
			For Bird Spikes, Add	*41.66*	
			For Fuse, Add	*48.64*	
			For 0 To 10 Volt Dimming, Add	*48.64*	
			For 480 Volt, Add	*72.97*	
			For Multi-Level, Add	*105.39*	
26 56 19 00-0012		EA	100 LEDs, 111 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,669.99	115.69
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
			For Bird Spikes, Add	*42.21*	
			For Fuse, Add	*48.64*	
			For 0 To 10 Volt Dimming, Add	*48.64*	
			For 480 Volt, Add	*72.97*	
			For Multi-Level, Add	*105.39*	
26 56 19 00-0013		EA	120 LEDs, 132 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,893.82	121.20
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
			For Bird Spikes, Add	*42.76*	
			For Fuse, Add	*48.64*	
			For 0 To 10 Volt Dimming, Add	*48.64*	
			For 480 Volt, Add	*72.97*	
			For Multi-Level, Add	*105.39*	
26 56 19 00-0014			Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) *(26 56 19 00-0006)* Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0015		EA	25 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	458.64	93.65
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
			For 0 To 10 Volt Dimming, Add	*48.64*	
			For Multi-Level, Add	*48.64*	
26 56 19 00-0016		EA	42 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	532.98	99.16
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
			For 0 To 10 Volt Dimming, Add	*48.64*	
			For Multi-Level, Add	*48.64*	
26 56 19 00-0017			Open Face LED Wall Pack *(26 56 19 00-0001)* Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass		
26 56 19 00-0018		EA	3,640 Lumens, 28 Watt, Open Face Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS)	517.84	99.76
26 56 19 00-0019		EA	5,540 Lumens, 40 Watt, Open Face Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS)	550.18	99.76
26 56 19 00-0020		EA	7,065 Lumens, 50 Watt, Open Face Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS)	567.12	99.76
26 56 19 00-0021		EA	11,375 Lumens, 80 Watt, Open Face Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS)	580.85	99.76
26 56 19 00-0022		EA	16,945 Lumens, 120 Watt, Open Face Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS)	683.87	99.76
26 56 19 00-0024			LED, Roadway Lighting *(26 56 19)*		
26 56 19 00-0025			LED Roadway Lighting (Philips Lumec) *(26 56 19 00-0024)*		
26 56 19 00-0026			Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) *(26 56 19 00-0025)* Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0027	EA	49 LEDs, 102 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series)	995.15	132.49
26 56 19 00-0028	EA	98 LEDs, 204 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series)	1,517.99	136.08
26 56 19 00-0029		Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) *(26 56 19 00-0025)*		
		Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0030	EA	48 LEDs, 55 System Watts, Type III Medium, 120-277 Volts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series)	742.78	132.49
26 56 19 00-0031	EA	48 LEDs, 80 System Watts, Type III Medium, 120-277 Volts, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	742.78	132.49
26 56 19 00-0032	EA	48 LEDs, 108 System Watts, Type III Medium, 120-277 Volts, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	742.78	132.49
26 56 19 00-0033		LED Roadway Lighting (Lithonia) *(26 56 19 00-0024)*		
26 56 19 00-0034		Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) *(26 56 19 00-0033)*		
		Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 19 00-0035	EA	30 LEDs, 74 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	1,412.22	125.33
26 56 19 00-0036	EA	60 LEDs, 146 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	2,295.62	128.91
26 56 19 00-0037		LED Roadway Lighting (CREE® BetaLED®) *(26 56 19 00-0024)*		
26 56 19 00-0038		Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) *(26 56 19 00-0037)*		
		Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.		
26 56 19 00-0039	EA	20 LEDs, 25 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	713.68	121.75
26 56 19 00-0040	EA	30 LEDs, 35 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	800.58	125.33
26 56 19 00-0041	EA	40 LEDs, 45 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	905.34	128.91
26 56 19 00-0042	EA	50 LEDs, 55 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	993.61	132.49
26 56 19 00-0043	EA	60 LEDs, 65 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,081.88	136.08
26 56 19 00-0044	EA	70 LEDs, 75 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,291.13	139.65
26 56 19 00-0045	EA	80 LEDs, 86 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,379.41	143.24
26 56 19 00-0046	EA	90 LEDs, 96 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,466.30	146.81
26 56 19 00-0047	EA	100 LEDs, 111 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,635.69	150.40
26 56 19 00-0048	EA	110 LEDs, 122 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,723.96	153.98
26 56 19 00-0049	EA	120 LEDs, 133 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,812.23	157.56
26 56 19 00-0050		Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) *(26 56 19 00-0037)*		
		Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0051	EA	40 LEDs, 47 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,407.13	128.91
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0052	EA	60 LEDs, 68 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,623.53	136.08
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0053	EA	80 LEDs, 90 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,839.95	143.24
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0054	EA	100 LEDs, 111 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,056.36	150.40
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0055	EA	120 LEDs, 132 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,701.70	157.56
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0056	EA	140 LEDs, 157 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,918.12	164.72
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0057	EA	160 LEDs, 179 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,134.53	171.89
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0058		Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) *(26 56 19 00-0037)*		
		Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0059	EA	4,806 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	596.63	128.91
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Backlight Control Shield, Add	*28.22*	
		For Field Adjustable Output, Add	*24.33*	
		For Bird Spikes, Add	*43.53*	
		For Field Adjustable Output And Utility Label, Add	*32.43*	
		For Fuse, Add	*48.64*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*48.64*	
		For 480 Volt, Add	*72.97*	
		For Multi-Level, Add	*105.39*	
26 56 19 00-0060	EA	5,340 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	596.63	128.91
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Backlight Control Shield, Add	*28.22*	
		For Field Adjustable Output, Add	*24.33*	
		For Bird Spikes, Add	*43.53*	
		For Field Adjustable Output And Utility Label, Add	*32.43*	
		For Fuse, Add	*48.64*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*48.64*	
		For 480 Volt, Add	*72.97*	
		For Multi-Level, Add	*105.39*	
26 56 19 00-0061	EA	8,407 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	657.91	128.91
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Backlight Control Shield, Add	*28.22*	
		For Field Adjustable Output, Add	*24.33*	
		For Bird Spikes, Add	*43.53*	
		For Field Adjustable Output And Utility Label, Add	*32.43*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*48.64*	
		For 480 Volt, Add	*72.97*	
26 56 19 00-0062	EA	8,820 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	657.91	128.91
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Backlight Control Shield, Add	*28.22*	
		For Field Adjustable Output, Add	*24.33*	
		For Bird Spikes, Add	*43.53*	
		For Field Adjustable Output And Utility Label, Add	*32.43*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*48.64*	
		For 480 Volt, Add	*72.97*	
26 56 19 00-0063	EA	9,612 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	766.86	128.91
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Field Adjustable Output, Add	*24.33*	
		For Backlight Control Shield, Add	*40.12*	
		For Field Adjustable Output And Utility Label, Add	*32.43*	
		For Fuse, Add	*48.64*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*48.64*	
		For Bird Spikes, Add	*70.78*	
		For 480 Volt, Add	*72.97*	
		For Multi-Level, Add	*105.39*	
26 56 19 00-0064	EA	10,680 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	766.86	128.91
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Field Adjustable Output, Add	*24.33*	
		For Backlight Control Shield, Add	*40.12*	
		For Field Adjustable Output And Utility Label, Add	*32.43*	
		For Fuse, Add	*48.64*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*48.64*	
		For Bird Spikes, Add	*70.78*	
		For 480 Volt, Add	*72.97*	
		For Multi-Level, Add	*105.39*	
26 56 19 00-0065	EA	13,732 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	869.02	128.91
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Field Adjustable Output, Add	*24.33*	
		For Backlight Control Shield, Add	*40.12*	
		For Field Adjustable Output And Utility Label, Add	*32.43*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*48.64*	
		For Bird Spikes, Add	*70.78*	
		For 480 Volt, Add	*72.97*	
26 56 19 00-0066	EA	14,408 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	869.02	128.91
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Field Adjustable Output, Add	*24.33*	
		For Backlight Control Shield, Add	*40.12*	
		For Field Adjustable Output And Utility Label, Add	*32.43*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*48.64*	
		For Bird Spikes, Add	*70.78*	
		For 480 Volt, Add	*72.97*	
26 56 19 00-0067	EA	2,529 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	487.66	128.91
		For Utility Label, Add	*8.10*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*24.33*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
26 56 19 00-0068	EA	2,722 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	487.66	128.91
		For Utility Label, Add	*8.10*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*24.33*	
		For 0 To 10 Volt Dimming, Add	*48.64*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0069	EA	3,819 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	513.21	128.91
		For Utility Label, Add	*8.10*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*24.33*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
26 56 19 00-0070	EA	4,109 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	513.21	128.91
		For Utility Label, Add	*8.10*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*24.33*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
26 56 19 00-0071	EA	4,548 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	521.72	128.91
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Field Adjustable Output, Add	*24.33*	
		For Field Adjustable Output And Utility Label, Add	*32.43*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*48.64*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
26 56 19 00-0072	EA	4,627 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	521.72	128.91
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Field Adjustable Output, Add	*24.33*	
		For Field Adjustable Output And Utility Label, Add	*32.43*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*48.64*	
		For 0 To 10 Volt Dimming, Add	*48.64*	

26 56 19 00-0073 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™)

(26 56 19 00-0037)

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.

26 56 19 00-0074	EA	3,300 Lumens, 3,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N)	504.70	128.91
		For Field Adjustable Output, Add	*24.33*	
		For Backlight Control Shield, Add	*53.43*	
		For Bird Spikes, Add	*71.26*	
26 56 19 00-0075	EA	3,300 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N)	504.70	128.91
		For Field Adjustable Output, Add	*24.33*	
		For Backlight Control Shield, Add	*53.43*	
		For Bird Spikes, Add	*71.26*	
26 56 19 00-0076	EA	5,000 Lumens, 3,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N)	521.72	128.91
		For Field Adjustable Output, Add	*24.33*	
		For Backlight Control Shield, Add	*53.43*	
		For Bird Spikes, Add	*71.26*	
26 56 19 00-0077	EA	5,000 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N)	521.72	128.91
		For Field Adjustable Output, Add	*24.33*	
		For Backlight Control Shield, Add	*53.43*	
		For Bird Spikes, Add	*71.26*	

26 56 19 00-0078 LED Roadway Lighting (Cooper Lighting) *(26 56 19 00-0024)*

26 56 19 00-0079 Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) *(26 56 19 00-0078)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0080	EA	1 LED Light Square, 51 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	657.26	128.91
26 56 19 00-0081	EA	2 LED Light Squares, 103 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	875.02	143.24
26 56 19 00-0082	EA	3 LED Light Squares, 154 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	944.16	164.72
26 56 19 00-0083	EA	4 LED Light Squares, 206 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,371.63	179.05
26 56 19 00-0084	EA	6 LED Light Squares, 309 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,783.39	203.84

26 56 19 00-0085 LED Roadway Lighting (PlanLED) *(26 56 19 00-0024)*

26 56 19 00-0086 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) *(26 56 19 00-0085)*

Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0087	EA	8,500 Lumens, 85 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W)	775.55	125.33
26 56 19 00-0088	EA	11,000 Lumens, 110 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W)	838.75	126.71
26 56 19 00-0089	EA	15,000 Lumens, 150 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W)	889.13	128.91

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0090		Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA) *(26 56 19 00-0085)*		
		Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0091	EA	7,200 Lumens, 60 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	531.23	122.30
26 56 19 00-0092	EA	10,000 Lumens, 80 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	565.87	124.51
26 56 19 00-0093	EA	12,500 Lumens, 100 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	619.86	126.71
26 56 19 00-0094		Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) *(26 56 19 00-0085)*		
		Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0095	EA	13,000 Lumens, 100 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100)	654.93	126.71
		For 0 To 10 Volt Dimming, Add	*51.82*	
		For 480 Volt, Add	*51.82*	
26 56 19 00-0096	EA	16,900 Lumens, 130 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130)	720.03	127.81
		For 0 To 10 Volt Dimming, Add	*51.82*	
		For 480 Volt, Add	*15.32*	
26 56 19 00-0097	EA	19,500 Lumens, 150 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150)	770.61	128.91
		For 0 To 10 Volt Dimming, Add	*51.82*	
		For 480 Volt, Add	*-5.47*	
26 56 19 00-0098		LED Roadway Lighting (General Electric) *(26 56 19 00-0024)*		
26 56 19 00-0099		Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) *(26 56 19 00-0098)*		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		
26 56 19 00-0100	EA	2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY)	420.19	121.75
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >25 To 500, Deduct	*-17.67*	
		For >500, Deduct	*-28.27*	
26 56 19 00-0101	EA	3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY)	423.49	123.40
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >25 To 500, Deduct	*-17.67*	
		For >500, Deduct	*-28.27*	
26 56 19 00-0102	EA	4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY)	439.57	125.33
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >25 To 500, Deduct	*-18.89*	
		For >500, Deduct	*-28.34*	
26 56 19 00-0103	EA	5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY)	455.65	126.71
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >25 To 500, Deduct	*-20.22*	
		For >500, Deduct	*-30.34*	
26 56 19 00-0104	EA	7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY)	497.83	129.46
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >25 To 500, Deduct	*-23.89*	
		For >500, Deduct	*-50.17*	
26 56 19 00-0105	EA	8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY)	520.04	130.57
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >25 To 500, Deduct	*-25.89*	
		For >500, Deduct	*-38.84*	
26 56 19 00-0106	EA	9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY)	561.67	132.49
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >25 To 500, Deduct	*-29.67*	
		For >500, Deduct	*-44.50*	
26 56 19 00-0107	EA	13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY)	649.95	136.08
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >25 To 500, Deduct	*-37.78*	
		For >500, Deduct	*-56.67*	
26 56 19 00-0108	EA	19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY)	753.17	143.24
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >25 To 500, Deduct	*-46.67*	
		For >500, Deduct	*-70.01*	
26 56 19 00-0109		LED Roadway Lighting (Acuity AEL Autobahn) *(26 56 19 00-0024)*		

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0110		Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) *(26 56 19 00-0109)* Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0111	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70)	753.32	125.33
26 56 19 00-0112	EA	6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70)	921.67	128.91
26 56 19 00-0113	EA	9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70)	1,260.83	132.49
26 56 19 00-0114	EA	13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70)	1,603.22	137.73
26 56 19 00-0115	EA	17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70)	1,937.18	141.59
26 56 19 00-0116		LED Roadway Lighting (Leotek) *(26 56 19 00-0024)*		
26 56 19 00-0117		Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) *(26 56 19 00-0116)* Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.		
26 56 19 00-0118	EA	Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL)	430.35	125.33
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-17.97*	
		For >1,000 To 2,500, Deduct	*-25.16*	
		For >2,500, Deduct	*-32.34*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0119	EA	Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL)	438.92	126.71
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-18.55*	
		For >1,000 To 2,500, Deduct	*-25.97*	
		For >2,500, Deduct	*-33.39*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0120	EA	Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL)	463.92	127.54
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-20.89*	
		For >1,000 To 2,500, Deduct	*-29.24*	
		For >2,500, Deduct	*-37.59*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0121	EA	Up To 9,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL)	529.83	132.49
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-26.49*	
		For >1,000 To 2,500, Deduct	*-37.08*	
		For >2,500, Deduct	*-47.67*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0122	EA	Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL)	609.33	136.08
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-33.72*	
		For >1,000 To 2,500, Deduct	*-47.21*	
		For >2,500, Deduct	*-60.69*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0123	EA	Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL)	613.75	138.27
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-33.72*	
		For >1,000 To 2,500, Deduct	*-47.21*	
		For >2,500, Deduct	*-60.69*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0124	EA	Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL)	736.01	140.48
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-45.50*	
		For >1,000 To 2,500, Deduct	*-63.71*	
		For >2,500, Deduct	*-81.91*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0125	EA	Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL)	769.51	143.24
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-48.30*	
		For >1,000 To 2,500, Deduct	*-67.63*	
		For >2,500, Deduct	*-86.95*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0126	EA	Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL)	850.92	145.44
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-56.00*	
		For >1,000 To 2,500, Deduct	*-78.41*	
		For >2,500, Deduct	*-100.81*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0127	EA	Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL)	907.84	147.65
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-61.26*	
		For >1,000 To 2,500, Deduct	*-85.76*	
		For >2,500, Deduct	*-110.26*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0128	EA	Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL)	487.93	126.71
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-23.45*	
		For >1,000 To 2,500, Deduct	*-32.83*	
		For >2,500, Deduct	*-42.21*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0129	EA	Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL)	530.72	130.02
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-27.07*	
		For >1,000 To 2,500, Deduct	*-37.90*	
		For >2,500, Deduct	*-48.72*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0130	EA	Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL)	568.34	132.49
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-30.34*	
		For >1,000 To 2,500, Deduct	*-42.47*	
		For >2,500, Deduct	*-54.60*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0131	EA	Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL)	601.24	135.52
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-33.02*	
		For >1,000 To 2,500, Deduct	*-46.23*	
		For >2,500, Deduct	*-59.43*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0132	EA	Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL)	633.78	136.62
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-36.05*	
		For >1,000 To 2,500, Deduct	*-50.47*	
		For >2,500, Deduct	*-64.90*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0133	EA	Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL)	742.86	141.59
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-45.97*	
		For >1,000 To 2,500, Deduct	*-64.36*	
		For >2,500, Deduct	*-82.75*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0134	EA	Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL)	831.22	144.33
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-54.25*	
		For >1,000 To 2,500, Deduct	*-75.96*	
		For >2,500, Deduct	*-97.66*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0135	EA	Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL)	878.99	144.89
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-58.92*	
		For >1,000 To 2,500, Deduct	*-82.49*	
		For >2,500, Deduct	*-106.06*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0136	EA	Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL)	925.46	146.54
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-63.24*	
		For >1,000 To 2,500, Deduct	*-88.53*	
		For >2,500, Deduct	*-113.83*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0137	EA	Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP)	525.08	138.27
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-24.85*	
		For >1,000 To 2,500, Deduct	*-34.79*	
		For >2,500, Deduct	*-44.73*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0138	EA	Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP)	562.82	139.65
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-28.35*	
		For >1,000 To 2,500, Deduct	*-39.69*	
		For >2,500, Deduct	*-51.03*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0139	EA	Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL)	415.05	126.43
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-16.22*	
		For >1,000 To 2,500, Deduct	*-22.71*	
		For >2,500, Deduct	*-29.19*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0140	EA	Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL)	421.92	127.54
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-16.69*	
		For >1,000 To 2,500, Deduct	*-23.36*	
		For >2,500, Deduct	*-30.03*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0141	EA	Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL)	453.71	130.02
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-19.37*	
		For >1,000 To 2,500, Deduct	*-27.12*	
		For >2,500, Deduct	*-34.86*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0142	EA	Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL)	664.83	140.48
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-38.39*	
		For >1,000 To 2,500, Deduct	*-53.74*	
		For >2,500, Deduct	*-69.09*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0143	EA	Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL)	846.32	144.89
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-55.65*	
		For >1,000 To 2,500, Deduct	*-77.92*	
		For >2,500, Deduct	*-100.18*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0144	EA	Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL)	763.42	145.44
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >500 To 1,000, Deduct	*-47.25*	
		For >1,000 To 2,500, Deduct	*-66.16*	
		For >2,500, Deduct	*-85.06*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0145	EA	Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY)	401.59	126.71
		For >500 To 1,000, Deduct	*-14.82*	
		For >1,000 To 2,500, Deduct	*-20.75*	
		For >2,500, Deduct	*-26.67*	
		For Twist Lock Shorting Cap, Add	*5.56*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*16.67*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*29.82*	
26 56 19 00-0146		LED, Area Fixtures *(26 56 19)*		
26 56 19 00-0147		Pole Mount, LED Area Fixtures *(26 56 19 00-0146)*		
26 56 19 00-0148		Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) *(26 56 19 00-0147)*		
		Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0149	EA	20 LEDs, 45 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,335.37	93.65
26 56 19 00-0150	EA	40 LEDs, 91 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,518.25	99.16
26 56 19 00-0151	EA	80 LEDs, 188 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,712.12	110.18
26 56 19 00-0152	EA	100 LEDs, 218 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,723.14	115.69
26 56 19 00-0153		Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) *(26 56 19 00-0147)*		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified		
26 56 19 00-0154	EA	40 LEDs, 47 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,039.69	99.16
		For Backlight Shielding, Add	*19.25*	
		For Type II Medium Optic, Add	*33.03*	
		For 480 Volt, Add	*61.33*	
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0155	EA	60 LEDs, 68 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,252.80	104.67
		For Backlight Shielding, Add	*19.25*	
		For Type II Medium Optic, Add	*33.58*	
		For 480 Volt, Add	*61.33*	
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0156	EA	80 LEDs, 90 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,547.01	110.18
		For Backlight Shielding, Add	*19.25*	
		For Type II Medium Optic, Add	*34.13*	
		For 480 Volt, Add	*61.33*	
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0157	EA	100 LEDs, 111 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,760.12	115.69
		For Backlight Shielding, Add	*19.25*	
		For Type II Medium Optic, Add	*34.68*	
		For 480 Volt, Add	*61.33*	
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0158	EA	120 LEDs, 132 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,973.23	121.20
		For Backlight Shielding, Add	*19.25*	
		For Type II Medium Optic, Add	*35.23*	
		For 480 Volt, Add	*61.33*	
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0159	EA	140 LEDs, 157 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,250.94	126.71
		For Backlight Shielding, Add	*19.25*	
		For Type II Medium Optic, Add	*35.78*	
		For 480 Volt, Add	*61.33*	
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0160	EA	160 LEDs, 179 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,464.05	132.22
		For Backlight Shielding, Add	*19.25*	
		For Type II Medium Optic, Add	*36.33*	
		For 480 Volt, Add	*61.33*	
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0161		Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) *(26 56 19 00-0147)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0162	EA	120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	1,824.01	121.20
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For Bird Spikes, Add	*37.66*	
		For 5,000K Color Temperature, Add	*40.54*	
		For Fuse, Add	*48.64*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
		For 480 Volt, Add	*72.97*	
		For Multi-Level, Add	*105.39*	
		For 1,000mA Driver, Add	*136.21*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0163	EA	240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	3,070.86	148.75
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*16.21*	
		For 5,000K Color Temperature, Add	*40.54*	
		For Fuse, Add	*48.64*	
		For 0 To 10 Volt Dimming, Add	*48.64*	
		For Bird Spikes, Add	*55.74*	
		For Multi-Level, Add	*105.39*	
		For 1,000mA Driver, Add	*136.20*	
		For 480 Volt, Add	*145.92*	
26 56 19 00-0164		Wall Mount, LED Area Fixtures *(26 56 19 00-0146)*		
26 56 19 00-0165		Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) *(26 56 19 00-0164)* Note: UL wet listed. Includes 4,000K color temperature, 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0166	EA	20 LEDs, 47 System Watts, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,013.88	93.65
26 56 19 00-0167	EA	30 LEDs, 71 System Watts, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,035.93	104.67
26 56 19 00-0168		Surface Mount, LED Parking Structure Fixtures *(26 56 19 00-0146)*		
26 56 19 00-0169		Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) *(26 56 19 00-0168)* Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0170	EA	40 LEDs, 47 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	918.71	99.16
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0171	EA	60 LEDs, 68 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,131.82	104.67
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0172	EA	80 LEDs, 90 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,344.92	110.18
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0173	EA	100 LEDs, 111 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,558.03	115.69
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0174		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) *(26 56 19 00-0168)* Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0175	EA	40 LEDs, 47 System Watts, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	885.71	99.16
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0176	EA	60 LEDs, 68 System Watts, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	977.84	104.67
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0177		Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) *(26 56 19 00-0168)* Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0178	EA	3,700 Lumens, 50 System Watts, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL)	630.08	99.16
26 56 19 00-0179		Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) *(26 56 19 00-0168)* Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.		
26 56 19 00-0180	EA	70 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,198.62	104.67
26 56 19 00-0181	EA	110 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,220.65	115.69
26 56 19 00-0182		Surface Mount, LED Canopy Fixtures *(26 56 19 00-0146)*		
26 56 19 00-0183		Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) *(26 56 19 00-0182)* Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0184	EA	40 LEDs, 47 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,064.43	99.16
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0185	EA	60 LEDs, 68 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,277.54	104.67
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0186	EA	80 LEDs, 90 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,490.64	110.18
		For Multi-Level Drive Currents, Add	*192.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0187	EA	100 LEDs, 111 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,703.75	115.69
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0188	EA	120 LEDs, 132 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,916.86	121.20
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0189	EA	140 LEDs, 157 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,211.08	126.71
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0190	EA	160 LEDs, 179 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,424.19	132.22
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0191	EA	200 LEDs, 221 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,850.41	143.24
		For Multi-Level Drive Currents, Add	*192.47*	
26 56 19 00-0192	EA	240 LEDs, 264 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,265.61	148.75
		For Multi-Level Drive Currents, Add	*192.47*	

26 56 19 00-0193 Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) *(26 56 19 00-0182)*

Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0194	EA	8,000 Lumens, 82 System Watts, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250)	738.65	110.18

26 56 19 00-0195 Recessed Mount, LED Soffit Fixtures *(26 56 19 00-0146)*

26 56 19 00-0196 Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) *(26 56 19 00-0195)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0197	EA	40 LEDs, 47 System Watts, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	902.21	99.16
26 56 19 00-0198	EA	60 LEDs, 68 System Watts, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	994.34	104.67

26 56 19 00-0199 Surface Mount, LED Area Fixtures *(26 56 19 00-0146)*

26 56 19 00-0200 Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) *(26 56 19 00-0199)*

Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.

26 56 19 00-0201	EA	50 LEDs, 59 System Watts, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	761.59	99.16
26 56 19 00-0202	EA	50 LEDs, 59 System Watts, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	886.57	99.16
26 56 19 00-0203	EA	68 LEDs, 79 System Watts, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	752.91	110.18
26 56 19 00-0204	EA	68 LEDs, 79 System Watts, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	917.25	110.18

26 56 19 00-0205 Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) *(26 56 19 00-0199)*

Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.

26 56 19 00-0206	EA	13 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	249.84	35.91
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
26 56 19 00-0207	EA	20 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	290.14	35.91
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
26 56 19 00-0208	EA	30 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	366.90	35.91
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	

26 56 19 00-0209 Surface Mount, LED Facade Fixtures *(26 56 19 00-0146)*

26 56 19 00-0210 Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) *(26 56 19 00-0209)*

26 56 19 00-0211	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	451.69	41.95
26 56 19 00-0212	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	722.29	38.30
26 56 19 00-0213	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	915.69	31.92
26 56 19 00-0214	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,109.07	25.53

26 56 19 00-0215 Post Top, LED Area Fixtures *(26 56 19 00-0146)*

26 56 19 00-0216 Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) *(26 56 19 00-0215)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.

26 56 19 00-0217	EA	1,800 Lumens, 27 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1)	1,298.36	151.49
26 56 19 00-0218	EA	3,400 Lumens, 54 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2)	1,425.36	151.49
26 56 19 00-0219	EA	77 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	1,525.76	151.49

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0220		Post Top, LED Area Fixtures (General Electric EPAS) *(26 56 19 00-0215)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0221	EA	3,200 Lumens, 45 System Watts, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3)	1,517.60	151.49
		For >25 To 500, Deduct	*-85.02*	
		For >500, Deduct	*-279.36*	
26 56 19 00-0222	EA	6,515 Lumens, 80 System Watts, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3)	1,550.27	151.49
		For >25 To 500, Deduct	*-87.31*	
		For >500, Deduct	*-286.87*	
26 56 19 00-0223		Post Top, LED Area Fixtures (General Electric EPTC) *(26 56 19 00-0215)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0224	EA	3,200 Lumens, 45 System Watts, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3)	1,075.28	151.49
		For >25 To 500, Deduct	*-54.06*	
		For >500, Deduct	*-223.96*	
26 56 19 00-0225	EA	6,150 Lumens, 80 System Watts, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3)	1,124.18	151.49
		For >25 To 500, Deduct	*-57.48*	
		For >500, Deduct	*-213.51*	
26 56 19 00-0226		Post Top, LED Area Fixtures (General Electric EPST) *(26 56 19 00-0215)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0227	EA	3,135 Lumens, 45 System Watts, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3)	853.04	151.49
		For >25 To 500, Deduct	*-38.50*	
		For >500, Deduct	*-115.51*	
26 56 19 00-0228	EA	6,115 Lumens, 80 System Watts, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3)	901.94	151.49
		For >25 To 500, Deduct	*-41.93*	
		For >500, Deduct	*-125.78*	
26 56 19 00-0229		Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) *(26 56 19 00-0215)* Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.		
26 56 19 00-0230	EA	13,800 Lumens, 130 System Watts, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	2,398.14	151.49
26 56 19 00-0231		LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53) *(26 56 19 00-0215)* Note: Includes 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.		
26 56 19 00-0232	EA	LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53)	667.51	82.64
		For 0 To 10 Volt Dimming, Add	*48.64*	
26 56 19 00-0233		LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) *(26 56 19 00-0215)* Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0376 for disposal of hazardous lamps.		
26 56 19 00-0234	EA	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)	417.83	17.63
		For Backlight Control Shield, Add	*32.47*	
26 56 19 00-0235		Surface Mount, LED Strip Fixtures (Sylvania) *(26 56 19 00-0146)*		
26 56 19 00-0236	EA	4' Long, 5,200 Lumens, 40 Watts, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D)	314.07	33.38
26 56 21		**HID Exterior Lighting** *(26 56)*		
26 56 21 00-0001		High Mast Fixtures *(26 56 21)*		
26 56 21 00-0002		Metal Halide, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0003	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	877.70	136.61
26 56 21 00-0004	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	931.35	136.61
26 56 21 00-0005	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	937.87	156.07
26 56 21 00-0006	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	970.06	156.07
26 56 21 00-0007	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,005.98	195.09
26 56 21 00-0008	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,038.17	195.09
26 56 21 00-0009		High Pressure Sodium, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0010	EA	400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux	900.82	136.61
26 56 21 00-0011	EA	400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	933.01	136.61
26 56 21 00-0012	EA	600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,083.97	144.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0013	EA	750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,115.68	156.07
26 56 21 00-0014	EA	1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,199.89	195.09
26 56 21 00-0015		HID, Pole Mounted *(26 56 21)*		
26 56 21 00-0016		Metal Halide, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0017	EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	521.91	222.77
26 56 21 00-0018	EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	585.76	241.80
26 56 21 00-0019	EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	677.39	260.11
26 56 21 00-0020	EA	1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	869.12	304.86
26 56 21 00-0021		High Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0022	EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	479.45	260.11
26 56 21 00-0023	EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	489.16	260.11
26 56 21 00-0024	EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	510.21	260.11
26 56 21 00-0025	EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	556.96	260.11
26 56 21 00-0026	EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	643.96	260.11
26 56 21 00-0027	EA	1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	835.72	260.11
26 56 21 00-0028		Low Pressure Sodium, Pole Mounted *(26 56 21 00-0015)*		
26 56 21 00-0029	EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	520.13	141.51
26 56 21 00-0030	EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	582.20	208.09
26 56 21 00-0031	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	669.19	208.09
26 56 21 00-0032		Metal Halide, Area Fixtures *(26 56 21)*		
26 56 21 00-0033		Metal Halide, Pole Mount, Area Fixtures *(26 56 21 00-0032)*		
		Note: Includes pulse start ballast.		
26 56 21 00-0034	EA	150 Watt, Metal Halide Area Fixture, Pole Mount	734.82	137.22
26 56 21 00-0035	EA	175 Watt, Metal Halide Area Fixture, Pole Mount	806.57	150.94
26 56 21 00-0036	EA	250 Watt, Metal Halide Area Fixture, Pole Mount	890.84	164.67
26 56 21 00-0037	EA	400 Watt, Metal Halide Area Fixture, Pole Mount	951.36	192.12
26 56 21 00-0038		High Pressure Sodium, Area Fixtures *(26 56 21)*		
26 56 21 00-0039		Pole Mount, High Pressure Sodium Area Fixtures *(26 56 21 00-0038)*		
26 56 21 00-0040	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount	608.31	109.78
26 56 21 00-0041	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount	671.13	137.22
26 56 21 00-0042	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount	736.07	164.67
26 56 21 00-0043	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount	785.49	192.12
26 56 21 00-0044		Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21)*		
26 56 21 00-0045		Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*		
26 56 21 00-0046	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	493.61	208.09
		For Round Body, Add	*24.24*	
		For Spherical Dome Body, Add	*47.54*	
26 56 21 00-0047	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	559.47	234.11
		For Round Body, Add	*29.50*	
		For Spherical Dome Body, Add	*57.85*	
26 56 21 00-0048	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	663.00	260.11
		For Round Body, Add	*39.34*	
		For Spherical Dome Body, Add	*77.15*	
26 56 21 00-0049	EA	1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	855.74	304.86
		For Round Body, Add	*44.62*	
		For Spherical Dome Body, Add	*87.49*	
26 56 21 00-0050		High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture *(26 56 21 00-0044)*		
26 56 21 00-0051	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	469.01	177.92
		For Round Body, Add	*26.63*	
		For Spherical Dome Body, Add	*52.23*	
26 56 21 00-0052	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	508.19	189.36
		For Round Body, Add	*29.75*	
		For Spherical Dome Body, Add	*58.34*	
26 56 21 00-0053	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	547.10	199.77
		For Round Body, Add	*32.61*	
		For Spherical Dome Body, Add	*63.94*	
26 56 21 00-0054	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	565.88	208.09
		For Round Body, Add	*33.46*	
		For Spherical Dome Body, Add	*65.60*	
26 56 21 00-0055	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	626.87	234.11
		For Round Body, Add	*38.10*	
		For Spherical Dome Body, Add	*74.70*	
26 56 21 00-0056	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	676.68	260.11
		For Round Body, Add	*41.09*	
		For Spherical Dome Body, Add	*80.57*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0057	EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	931.17	304.86
		For Round Body, Add	*54.24*	
		For Spherical Dome Body, Add	*106.35*	
26 56 21 00-0058		Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21)*		
26 56 21 00-0059		High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21 00-0058)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0060	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	529.67	140.47
26 56 21 00-0061	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	553.06	156.07
26 56 21 00-0062	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	595.25	177.92
26 56 21 00-0063	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	613.52	189.36
26 56 21 00-0064	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	632.78	199.77
26 56 21 00-0065	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	662.59	208.09
26 56 21 00-0066	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	725.05	234.11
26 56 21 00-0067	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	869.78	260.11
26 56 21 00-0068		Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 21 00-0058)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0069	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	583.47	156.07
26 56 21 00-0070	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	621.05	177.92
26 56 21 00-0071	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	643.62	189.36
26 56 21 00-0072	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	672.15	199.77
26 56 21 00-0073	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	688.43	208.09
26 56 21 00-0074	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	752.22	234.11
26 56 21 00-0075	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	941.95	260.11
26 56 21 00-0076		Wall Packs *(26 56 21)*		
26 56 21 00-0077		Non Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 21 00-0078	EA	13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	254.10	49.87
26 56 21 00-0079	EA	50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	269.45	49.87
26 56 21 00-0080	EA	35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	269.45	49.87
26 56 21 00-0081	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack	343.87	49.87
26 56 21 00-0082		Semi Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 21 00-0083	EA	42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	463.98	49.87
26 56 21 00-0084	EA	50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	469.51	49.87
26 56 21 00-0085	EA	70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	474.28	49.87
26 56 21 00-0086	EA	100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	465.57	49.87
26 56 21 00-0087	EA	70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	429.76	49.87
26 56 21 00-0088	EA	100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	410.09	49.87
26 56 21 00-0089		Cutoff, Polycarbonate Lens, Mini Wall Packs *(26 56 21 00-0076)*		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 21 00-0090	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	486.64	49.87
26 56 21 00-0091	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	491.67	49.87
26 56 21 00-0092	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	482.98	49.87
26 56 21 00-0093	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	489.98	49.87
26 56 21 00-0094	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	489.98	49.87
26 56 21 00-0095		Non Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 21 00-0096	EA	70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	478.65	66.43
26 56 21 00-0097	EA	100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	478.65	66.43
26 56 21 00-0098	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	451.70	66.43
26 56 21 00-0099	EA	70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	462.03	66.43
26 56 21 00-0100	EA	100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	462.03	66.43
26 56 21 00-0101	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	432.14	66.43
26 56 21 00-0102		Cutoff, Borosilicate Glass Lens, Small Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 21 00-0103	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	494.62	66.43
26 56 21 00-0104	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	494.62	66.43
26 56 21 00-0105	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	494.62	66.43
26 56 21 00-0106	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	478.76	66.43
26 56 21 00-0107	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	478.76	66.43
26 56 21 00-0108	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	478.76	66.43
26 56 21 00-0109		Full Cutoff, Tempered Glass Lens, Small Wall Packs *(26 56 21 00-0076)*		
		Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 21 00-0110	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	623.62	66.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0111		**Cutoff, Borosilicate Glass Lens, Medium Wall Packs** *(26 56 21 00-0076)* Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 21 00-0112	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	602.69	82.29
26 56 21 00-0113	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	639.22	82.29
26 56 21 00-0114	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	682.79	82.29
26 56 21 00-0115	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	694.78	82.29
26 56 21 00-0116		**Cutoff, Tempered Glass Lens, Medium Wall Packs** *(26 56 21 00-0076)* Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 21 00-0117	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	649.68	82.29
26 56 21 00-0118	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	690.74	82.29
26 56 21 00-0119		**Non Cutoff, Polycarbonate Lens, Large Wall Packs** *(26 56 21 00-0076)* Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 21 00-0120	EA	100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack	618.11	99.76
26 56 21 00-0121	EA	175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack	574.63	99.76
26 56 21 00-0122	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	608.05	99.76
26 56 21 00-0123	EA	100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	611.37	99.76
26 56 21 00-0124	EA	150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack	614.86	99.76
26 56 21 00-0125		**Non Cutoff, Borosilicate Glass Lens, Large Wall Packs** *(26 56 21 00-0076)* Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 21 00-0126	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	618.12	99.76
26 56 21 00-0127	EA	250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	632.63	99.76
26 56 21 00-0128	EA	400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	676.11	99.76
26 56 21 00-0129	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	647.13	99.76
26 56 21 00-0130	EA	250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	661.64	99.76
26 56 21 00-0131	EA	400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack	690.60	99.76
26 56 21 00-0132		**Semi Cutoff, Induction Wall Packs** *(26 56 21 00-0076)*		
26 56 21 00-0133		**Semi Cutoff, Induction Wall Packs (Everlast®)** *(26 56 21 00-0132)* Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0134	EA	70 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70)	743.16	93.65
26 56 21 00-0135	EA	80 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80)	760.38	99.16
26 56 21 00-0136	EA	100 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100)	777.60	104.67
26 56 21 00-0137	EA	120 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120)	862.93	110.18
26 56 21 00-0138		**Wall Pack Accessories** *(26 56 21 00-0076)*		
26 56 21 00-0139	EA	Photocell For Wall Pack	94.32	24.94
26 56 21 00-0140	EA	Wire Guard For Mini And Small Wall Pack	103.61	24.94
26 56 21 00-0141	EA	Wire Guard For Medium And Large Wall Pack	142.47	24.94
26 56 21 00-0142	EA	Clear Polycarbonate Vandal Guard For Wall Packs	198.55	24.94
26 56 21 00-0143	EA	Full Cutoff Visor For Wall Pack	101.08	24.94
26 56 21 00-0144		**Non Cutoff, Polycarbonate Lens, Small Wall Packs** *(26 56 21 00-0076)*		
26 56 21 00-0145	EA	15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPAK1N/015UNV740/NC/BZ/P)	260.98	49.87
26 56 21 00-0146		**Induction, Roadway Lighting** *(26 56 21)*		
26 56 21 00-0147		**Induction Roadway Lighting (US Lighting Tech)** *(26 56 21 00-0146)* Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.		
26 56 21 00-0148	EA	40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	681.11	165.27
26 56 21 00-0149	EA	70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	760.86	170.78
26 56 21 00-0150	EA	100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	782.90	181.80
26 56 21 00-0151	EA	150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	804.94	192.81
26 56 21 00-0152	EA	200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	974.05	198.33
26 56 21 00-0153	EA	250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	990.57	203.84
26 56 21 00-0154	EA	40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	623.36	165.27
26 56 21 00-0155	EA	70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	711.37	170.78
26 56 21 00-0156	EA	100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	733.41	181.80
26 56 21 00-0157	EA	150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	755.45	192.81
26 56 21 00-0158		**Induction, Area Fixtures** *(26 56 21)*		
26 56 21 00-0159		**Post Top, Induction Area Fixtures** *(26 56 21 00-0158)*		
26 56 21 00-0160		**Post Top, Induction Area Fixtures (US Lighting Tech)** *(26 56 21 00-0159)* Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 21 00-0161	EA	40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	799.29	151.49
26 56 21 00-0162	EA	70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	879.03	151.49
26 56 21 00-0163	EA	100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	879.03	151.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0164	EA	150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	879.03	151.49
26 56 21 00-0165		Surface Mount, Induction Parking Structure Fixtures *(26 56 21 00-0158)*		
26 56 21 00-0166		Surface Mount, Induction Parking Structure Fixtures (Everlast®) *(26 56 21 00-0165)*		
26 56 21 00-0167	EA	40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	706.10	137.73
26 56 21 00-0168	EA	55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	758.35	140.48
26 56 21 00-0169	EA	70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	769.35	143.24
26 56 21 00-0170	EA	80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	780.36	145.99
26 56 21 00-0171	EA	100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	791.36	148.75
26 56 21 00-0172	EA	120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	807.87	151.49
26 56 21 00-0173	EA	70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	849.08	143.24
26 56 21 00-0174	EA	80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	860.09	145.99
26 56 21 00-0175	EA	100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	871.10	148.75
26 56 21 00-0176	EA	120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	910.98	151.49
26 56 21 00-0177		Pole Mount, Induction Area Fixtures *(26 56 21 00-0158)*		
26 56 21 00-0178		Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) *(26 56 21 00-0177)* Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0179	EA	70 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70)	774.13	93.65
26 56 21 00-0180	EA	80 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80)	797.54	99.16
26 56 21 00-0181	EA	100 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100)	820.95	104.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications *(27)*

27 05 26 Grounding and Bonding for Communications Systems *(27 05)*

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00) Note: Excludes terminations.	663.54	102.09
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00) Note: Excludes terminations.	858.00	136.15
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00) Note: Excludes terminations.	1,347.30	204.17
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit	8.04	1.49
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK)	63.41	26.97
27 05 26 00-0006	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar	184.72	26.97
27 05 26 00-0007	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar	218.41	26.97
27 05 26 00-0008	EA	#6 AWG, Cable Runway Ground Strap	46.23	5.00
27 05 26 00-0009	EA	1/4" Screw Size, #6 AWG Compression Lug	18.04	5.00
27 05 26 00-0010	EA	3/8" Screw Size, #6 AWG Compression Lug	19.04	5.00
27 05 26 00-0011	EA	Two Mounting Hole, Ground Terminal Block	20.88	5.00

27 05 29 Hangers And Supports For Communications Systems *(27 05)*

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29)*

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12)	7.00	2.50
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.15*	
		For >500, Deduct	*-1.70*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.35*	
		For Work In Restricted Working Space, Add	*1.50*	
		For Painted Powder Coated Finish, Add	*0.41*	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21)	7.31	2.50
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.73*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.35*	
		For Work In Restricted Working Space, Add	*1.50*	
		For Painted Powder Coated Finish, Add	*1.43*	
		For Low Friction Xylan® Coated Finish, Add	*5.08*	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32)	7.79	2.50
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.21*	
		For >500, Deduct	*-1.78*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.35*	
		For Work In Restricted Working Space, Add	*1.50*	
		For Painted Powder Coated Finish, Add	*1.75*	
		For Low Friction Xylan® Coated Finish, Add	*6.32*	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64)	11.96	2.50
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.52*	
		For >500, Deduct	*-2.20*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.35*	
		For Work In Restricted Working Space, Add	*1.50*	
		For Painted Powder Coated Finish, Add	*0.94*	
		For Low Friction Xylan® Coated Finish, Add	*5.60*	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Includes screw.

27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB)	7.73	2.50
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.77*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.35*	
		For Work In Restricted Working Space, Add	*1.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0009	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	9.61	2.50
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.35*	
		For >500, Deduct	*-1.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.35*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0010	EA	2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	10.52	2.50
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.41*	
		For >500, Deduct	*-2.05*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.35*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0011	EA	4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	13.78	2.50
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-2.38*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.35*	
		For Work In Restricted Working Space, Add	*1.50*	

27 05 29 00-0012 Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes strut.

27 05 29 00-0013	EA	3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	8.08	2.50
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.23*	
		For >500, Deduct	*-1.81*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0014	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	9.33	2.50
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.32*	
		For >500, Deduct	*-1.93*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0015	EA	2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	9.98	2.50
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.37*	
		For >500, Deduct	*-2.00*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0016	EA	4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	13.06	2.50
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.60*	
		For >500, Deduct	*-2.31*	
		For Work In Restricted Working Space, Add	*1.50*	

27 05 29 00-0017 T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes T-Bar.

27 05 29 00-0018	EA	3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	9.45	2.50
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.33*	
		For >500, Deduct	*-1.95*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0019	EA	1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	11.56	2.50
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.49*	
		For >500, Deduct	*-2.16*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0020	EA	2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	12.11	2.50
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.21*	
		For Work In Restricted Working Space, Add	*1.50*	

27 05 29 00-0021 Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod. See CSI section 26 05 29 00-0372 for threaded rod.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0022	EA	3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6)	7.91	2.50
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.22*	
		For >500, Deduct	*-1.79*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0023	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	8.20	2.50
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.24*	
		For >500, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0024	EA	2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6)	9.67	2.50
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.35*	
		For >500, Deduct	*-1.97*	
		For Work In Restricted Working Space, Add	*1.50*	

27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0372 for threaded rod, nuts and washers.

27 05 29 00-0026	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB)	9.50	2.50
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.34*	
		For >500, Deduct	*-1.95*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0027	EA	2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB)	10.18	2.50
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-2.02*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0028	EA	4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB)	13.59	2.50
		For >50 To 100, Deduct	*-0.46*	
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.64*	
		For >500, Deduct	*-2.36*	
		For Work In Restricted Working Space, Add	*1.50*	

27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

27 05 29 00-0030	EA	3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A)	9.40	2.50
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.33*	
		For >500, Deduct	*-1.94*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0031	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A)	10.62	2.50
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.42*	
		For >500, Deduct	*-2.06*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0032	EA	2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A)	11.27	2.50
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-2.13*	
		For Work In Restricted Working Space, Add	*1.50*	
27 05 29 00-0033	EA	4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A)	14.82	2.50
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.48*	
		For Work In Restricted Working Space, Add	*1.50*	

27 05 29 00-0034 Adjustable Cable Supports (Caddy® CableCat CAT425) *(27 05 29)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	25.61	3.30
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-3.17*	
		For >500, Deduct	*-4.56*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*2.60*	
		For Work In Restricted Working Space, Add	*2.99*	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	26.07	3.30
		For >50 To 100, Deduct	*-0.90*	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-3.20*	
		For >500, Deduct	*-4.60*	
		For Work In Restricted Working Space, Add	*2.99*	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	28.45	3.30
		For >50 To 100, Deduct	*-0.96*	
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-3.38*	
		For >500, Deduct	*-4.84*	
		For Work In Restricted Working Space, Add	*2.99*	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	25.54	3.30
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-3.16*	
		For >500, Deduct	*-4.55*	
		For Work In Restricted Working Space, Add	*2.99*	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	26.64	3.30
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-3.25*	
		For >500, Deduct	*-4.66*	
		For Work In Restricted Working Space, Add	*2.99*	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	27.73	3.30
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 250, Deduct	*-1.89*	
		For >250 To 500, Deduct	*-3.33*	
		For >500, Deduct	*-4.77*	
		For Work In Restricted Working Space, Add	*2.99*	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	26.27	3.30
		For >50 To 100, Deduct	*-0.91*	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-3.22*	
		For >500, Deduct	*-4.62*	
		For Work In Restricted Working Space, Add	*2.99*	

27 05 33 Conduits And Backboxes For Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays For Communications Systems *(27 05)*

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways For Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts And Raceways For Communications Systems *(27 05)*

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 46 Utility Poles For Communications Systems *(27 05)*

See CSI section 26 05 46 00-0000 for utility poles.

27 05 53 Identification For Communications Systems *(27 05)*

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling *(27)*

Note: Includes testing.

27 11 Communications Equipment Room Fittings *(27 10)*

27 11 16 Communications Cabinets, Racks, Frames, And Enclosures *(27 11)*

27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards *(27 11 16)*

27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Phone Backboard	70.03	25.94
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*46.43*	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Phone Backboard	140.04	51.87
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*92.85*	

27 11 16 00-0004 Terminal Cabinets *(27 11 16)*

27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	265.57	74.81
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	330.22	82.29
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	380.00	94.77
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	394.11	97.26

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	473.66	99.76
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	581.53	112.22
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	593.09	109.72
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	768.32	156.31
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	823.91	171.77
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	984.15	181.45
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	812.71	149.63
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	879.05	162.10
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,098.41	207.79
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,323.37	259.75
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	1,484.41	256.86
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	1,712.54	312.52

27 11 16 00-0021 Equipment Racks And Cable Managers *(27 11 16)*

27 11 16 00-0022 Equipment Racks *(27 11 16 00-0021)*

Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.

27 11 16 00-0023 Standard Equipment Racks *(27 11 16 00-0022)*

27 11 16 00-0024 19" Width, Standard Equipment Racks *(27 11 16 00-0023)*

27 11 16 00-0025	EA	84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	491.56	159.61
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*8.62*	
27 11 16 00-0026	EA	96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	679.29	169.58
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*17.01*	
27 11 16 00-0027	EA	108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	733.59	179.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.72*	

27 11 16 00-0028 Universal Equipment Racks *(27 11 16 00-0022)*

27 11 16 00-0029 Universal Equipment Racks *(27 11 16 00-0028)*

27 11 16 00-0030 19" Width, EIA Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0031	EA	36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	635.74	139.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*17.82*	
27 11 16 00-0032	EA	48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	694.13	142.14
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.49*	
27 11 16 00-0033	EA	60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	693.37	144.64
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.20*	
27 11 16 00-0034	EA	66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	711.12	147.13
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.84*	
27 11 16 00-0035	EA	72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	728.67	149.63
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.47*	
27 11 16 00-0036	EA	78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	747.66	152.12
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.17*	
27 11 16 00-0037	EA	84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	638.41	154.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*16.46*	
27 11 16 00-0038	EA	90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	784.55	157.11
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.52*	
27 11 16 00-0039	EA	96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	812.16	159.61
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.65*	
27 11 16 00-0040	EA	102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	836.28	162.10
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.60*	
27 11 16 00-0041	EA	108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	842.23	164.59
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.65*	

27 11 16 00-0042 23" Width, Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0043	EA	36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	672.32	139.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.65*	
27 11 16 00-0044	EA	48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	695.48	142.14
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.56*	
27 11 16 00-0045	EA	60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	715.89	144.64
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.33*	
27 11 16 00-0046	EA	66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	753.95	147.13
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.98*	
27 11 16 00-0047	EA	72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	772.77	149.63
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.68*	
27 11 16 00-0048	EA	78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	793.22	152.12
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.45*	
27 11 16 00-0049	EA	84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	684.49	154.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*18.76*	
27 11 16 00-0050	EA	90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	832.91	157.11
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.94*	
27 11 16 00-0051	EA	96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	862.80	159.61
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.18*	
27 11 16 00-0052	EA	102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	888.92	162.10
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.24*	
27 11 16 00-0053	EA	108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	894.96	164.59
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.29*	

27 11 16 00-0054 35" Width, Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0055	EA	72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	834.77	149.63
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0056	EA	84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03)	878.92	154.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.48*	

27 11 16 00-0057 UL Listed Universal Equipment Racks *(27 11 16 00-0028)*

Note: UL listed as a communications circuit accessory.

27 11 16 00-0058 19" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)*

27 11 16 00-0059	EA	36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31)	671.39	139.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.60*	
27 11 16 00-0060	EA	48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20)	725.32	142.14
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.05*	
27 11 16 00-0061	EA	60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19)	736.45	144.64
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.36*	
27 11 16 00-0062	EA	66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00)	752.83	147.13
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.93*	
27 11 16 00-0063	EA	72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01)	771.60	149.63
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.62*	
27 11 16 00-0064	EA	78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02)	792.00	152.12
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.39*	
27 11 16 00-0065	EA	84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03)	811.59	154.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.12*	
27 11 16 00-0066	EA	90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05)	831.61	157.11
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.87*	
27 11 16 00-0067	EA	96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15)	861.47	159.61
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.11*	
27 11 16 00-0068	EA	102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17)	887.52	162.10
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.17*	
27 11 16 00-0069	EA	108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08)	893.50	164.59
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.22*	

27 11 16 00-0070 23" Width, UL Listed Universal Equipment Racks *(27 11 16 00-0057)*

27 11 16 00-0071	EA	36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31)	711.66	139.65
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.62*	
27 11 16 00-0072	EA	48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20)	779.93	142.14
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.78*	
27 11 16 00-0073	EA	60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19)	789.91	144.64
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.03*	
27 11 16 00-0074	EA	66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00)	799.91	147.13
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.28*	
27 11 16 00-0075	EA	72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01)	820.11	149.63
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.04*	
27 11 16 00-0076	EA	78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02)	842.12	152.12
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.89*	
27 11 16 00-0077	EA	84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03)	863.20	154.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.70*	
27 11 16 00-0078	EA	90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05)	884.76	157.11
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.53*	
27 11 16 00-0079	EA	96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15)	917.15	159.61
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.90*	
27 11 16 00-0080	EA	102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17)	945.40	162.10
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.06*	
27 11 16 00-0081	EA	108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08)	951.62	164.59
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.12*	

27 11 16 00-0082 4-Post Equipment Racks And Server Frames *(27 11 16 00-0022)*

27 11 16 00-0083 4-Post Equipment Racks *(27 11 16 00-0082)*

27 11 16 00-0084	EA	19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)	1,355.33	249.38
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*42.83*	
27 11 16 00-0085	EA	19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)	1,479.23	259.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*48.03*	
27 11 16 00-0086	EA	19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)	1,596.14	269.33
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*52.87*	

27 11 16 00-0087 4-Post Server Frame *(27 11 16 00-0082)*

27 11 16 00-0088	EA	19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03)	1,393.01	249.38
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*44.71*	

27 11 16 00-0089 Cable Managers *(27 11 16 00-0021)*

27 11 16 00-0090 Horizontal Cable Managers *(27 11 16 00-0089)*

27 11 16 00-0091 Single-Sided, Horizontal Cable Managers *(27 11 16 00-0090)*

27 11 16 00-0092	EA	1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719)	78.25	9.98
27 11 16 00-0093	EA	1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723)	87.09	9.98
27 11 16 00-0094	EA	1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701)	65.39	9.98
27 11 16 00-0095	EA	2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719)	79.57	9.98
27 11 16 00-0096	EA	2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723)	93.27	9.98
27 11 16 00-0097	EA	2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702)	72.38	9.98
27 11 16 00-0098	EA	3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719)	107.15	9.98
27 11 16 00-0099	EA	3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723)	121.93	9.98
27 11 16 00-0100	EA	3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703)	86.36	9.98

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0101		Double-Sided, Horizontal Cable Managers *(27 11 16 00-0090)*		
27 11 16 00-0102	EA	1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	97.09	9.98
27 11 16 00-0103	EA	1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	108.75	9.98
27 11 16 00-0104	EA	2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	102.14	9.98
27 11 16 00-0105	EA	2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	118.83	9.98
27 11 16 00-0106	EA	3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	132.06	9.98
27 11 16 00-0107	EA	3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	147.84	9.98
27 11 16 00-0108		Vertical Cable Managers *(27 11 16 00-0089)*		
27 11 16 00-0109		Single-Sided, Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0110	EA	3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	174.98	14.96
27 11 16 00-0111	EA	6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	246.63	14.96
27 11 16 00-0112	EA	10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	396.92	14.96
27 11 16 00-0113	EA	12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	449.35	14.96
27 11 16 00-0114	EA	3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	187.21	14.96
27 11 16 00-0115	EA	6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	265.85	14.96
27 11 16 00-0116	EA	10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	431.87	14.96
27 11 16 00-0117	EA	12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	484.30	14.96
27 11 16 00-0118	EA	3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	211.68	14.96
27 11 16 00-0119	EA	6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	292.06	14.96
27 11 16 00-0120	EA	10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	484.30	14.96
27 11 16 00-0121	EA	12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	536.72	14.96
27 11 16 00-0122		Double-Sided, Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0123	EA	3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	253.62	14.96
27 11 16 00-0124	EA	6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	299.06	14.96
27 11 16 00-0125	EA	10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	484.30	14.96
27 11 16 00-0126	EA	12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	571.68	14.96
27 11 16 00-0127	EA	3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	274.59	14.96
27 11 16 00-0128	EA	6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	320.03	14.96
27 11 16 00-0129	EA	10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	519.25	14.96
27 11 16 00-0130	EA	12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	606.63	14.96
27 11 16 00-0131	EA	3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	302.55	14.96
27 11 16 00-0132	EA	6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	347.99	14.96
27 11 16 00-0133	EA	10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	571.68	14.96
27 11 16 00-0134	EA	12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	659.05	14.96
27 11 16 00-0135		Accessories For Vertical Cable Managers *(27 11 16 00-0108)*		
27 11 16 00-0136	EA	Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	107.33	9.98
27 11 16 00-0137	EA	Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	114.32	9.98
27 11 16 00-0138	EA	Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	121.31	9.98
27 11 16 00-0139	EA	Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	110.82	9.98
27 11 16 00-0140	EA	Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	121.31	9.98
27 11 16 00-0141	EA	Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	131.79	9.98
27 11 16 00-0142	EA	Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	124.80	9.98
27 11 16 00-0143	EA	Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	135.29	9.98
27 11 16 00-0144	EA	Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	145.77	9.98
27 11 16 00-0145	EA	Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	131.79	9.98
27 11 16 00-0146	EA	Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	145.77	9.98
27 11 16 00-0147	EA	Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	156.26	9.98
27 11 16 00-0148	EA	Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	89.85	9.98
27 11 16 00-0149	EA	Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	103.83	9.98
27 11 16 00-0150	EA	Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	108.55	9.98
27 11 16 00-0151	EA	Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	68.88	9.98

27 11 19 Communications Termination Blocks And Patch Panels *(27 11)*

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 27 14 43 00-0074 for labeling.

27 11 19 00-0001		Computer Network Components *(27 11 19)*		
27 11 19 00-0002		Ethernet Patch Panels *(27 11 19 00-0001)*		
27 11 19 00-0003	EA	12 Port, Category 5E Patch Panel	202.87	49.87
27 11 19 00-0004	EA	24 Port, Category 5E Patch Panel	290.85	49.87
27 11 19 00-0005	EA	32 Port, Category 5E Patch Panel	374.09	49.87
27 11 19 00-0006	EA	48 Port, Category 5E Patch Panel	451.66	49.87
27 11 19 00-0007	EA	64 Port, Category 5E Patch Panel	587.94	62.35
27 11 19 00-0008	EA	96 Port, Category 5E Patch Panel	826.95	74.81
27 11 19 00-0009	EA	12 Port, Category 6 Patch Panel	245.44	49.87
27 11 19 00-0010	EA	24 Port, Category 6 Patch Panel	296.52	49.87
27 11 19 00-0011	EA	48 Port, Category 6 Patch Panel	493.29	49.87
27 11 19 00-0012	EA	96 Port, Category 6 Patch Panel	906.41	74.81
27 11 19 00-0013	EA	16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP)	483.76	74.81
27 11 19 00-0014	EA	16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP)	512.30	74.81
27 11 19 00-0015	EA	12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289)	211.37	49.87
27 11 19 00-0016	EA	Terminate One End Of A 4 Pair Cable To Category "X" Specifications	35.35	
		For >5 To 10 Cables, Deduct	*-6.36*	
		For >10 Cables, Deduct	*-14.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0017	EA	Terminate One End Of A Twisted Pair Of Wires Note: Per each pair	9.72	
		For >20 To 40 Pairs, Deduct	*-1.56*	
		For >40 Pairs, Deduct	*-3.69*	
27 11 19 00-0018		Fiber Optic Cable Patch Panels And Enclosures *(27 11 19 00-0001)*		
27 11 19 00-0019		Fiber Optic Cable Connector Housings *(27 11 19 00-0018)*		
27 11 19 00-0020		Wall Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0021	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	108.09	22.44
27 11 19 00-0022	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	157.28	22.44
27 11 19 00-0023	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	230.07	22.44
27 11 19 00-0024	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	341.05	37.41
27 11 19 00-0025	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	470.64	37.41
27 11 19 00-0026		Rack Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0027	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	354.33	37.41
27 11 19 00-0028	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	403.74	37.41
27 11 19 00-0029	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	433.96	37.41
27 11 19 00-0030	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	506.99	37.41
27 11 19 00-0031		Rack Mount, Fiber Optic Cable Pretium® Connector Housings *(27 11 19 00-0019)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0032	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	439.01	37.41
		For Splice Tray Bracket, Add	*45.71*	
27 11 19 00-0033	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	512.51	37.41
		For Splice Tray Bracket, Add	*49.99*	
27 11 19 00-0034	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	636.36	37.41
		For Splice Tray Bracket, Add	*182.11*	
27 11 19 00-0035		Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings *(27 11 19 00-0019)* Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0036	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	554.33	37.41
27 11 19 00-0037	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	705.88	37.41
27 11 19 00-0038	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	797.74	37.41
27 11 19 00-0039	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,032.03	37.41
27 11 19 00-0040		Wall Mount, Fiber Optic Cable Industrial Connector Housings *(27 11 19 00-0019)* Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0041	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	491.86	22.44
27 11 19 00-0042	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	682.16	37.41
27 11 19 00-0043	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	715.34	37.41
27 11 19 00-0044		Wall Mount, Fiber Optic Cable Environmental Connector Housings *(27 11 19 00-0019)* Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0045	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	514.79	22.44
27 11 19 00-0046	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	681.76	37.41
27 11 19 00-0047	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	799.14	37.41
27 11 19 00-0048		Fiber Optic Cable Connector Panels *(27 11 19 00-0018)*		
27 11 19 00-0049		SC Simplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*		
27 11 19 00-0050	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	68.23	4.99
27 11 19 00-0051	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	73.93	4.99
27 11 19 00-0052	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	82.77	4.99
27 11 19 00-0053	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	90.36	4.99
27 11 19 00-0054	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	111.86	4.99
27 11 19 00-0055	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	123.21	4.99
27 11 19 00-0056		SC Duplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*		
27 11 19 00-0057	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	65.71	4.99
27 11 19 00-0058	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	67.05	4.99
27 11 19 00-0059	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	79.43	4.99
27 11 19 00-0060	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	81.21	4.99
27 11 19 00-0061	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	106.85	4.99
27 11 19 00-0062	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	109.50	4.99
27 11 19 00-0063		LC Duplex, Fiber Optic Cable Connector Panels *(27 11 19 00-0048)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0064	EA	6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	70.85	4.99
27 11 19 00-0065	EA	6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	77.56	4.99
27 11 19 00-0066	EA	8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	86.26	4.99
27 11 19 00-0067	EA	8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	95.21	4.99
27 11 19 00-0068	EA	12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	117.10	4.99
27 11 19 00-0069	EA	12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	130.51	4.99
27 11 19 00-0070	EA	16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	147.94	4.99
27 11 19 00-0071	EA	16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	165.80	4.99
27 11 19 00-0072	EA	24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	209.59	4.99
27 11 19 00-0073	EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	215.81	4.99
27 11 19 00-0074		**ST Simplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0075	EA	6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	56.96	4.99
27 11 19 00-0076	EA	6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	61.26	4.99
27 11 19 00-0077	EA	8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	67.74	4.99
27 11 19 00-0078	EA	8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	73.49	4.99
27 11 19 00-0079	EA	12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	89.29	4.99
27 11 19 00-0080	EA	12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	97.92	4.99
27 11 19 00-0081		**MT-RJ, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0082	EA	12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel	70.45	4.99
27 11 19 00-0083	EA	12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel	104.71	4.99
27 11 19 00-0084		**Fiber Optic Cable Pretium Edge® Modules** *(27 11 19 00-0048)*		
27 11 19 00-0085	EA	12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	595.81	4.99
27 11 19 00-0086	EA	12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	597.88	4.99
27 11 19 00-0087		**Fiber Optic Cable Splice Housings** *(27 11 19 00-0018)*		
27 11 19 00-0088		**Wall Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)*		
		Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0089	EA	12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door	252.38	49.87
27 11 19 00-0090		**Rack Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)*		
		Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0091	EA	12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	367.18	37.41
27 11 19 00-0092	EA	22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	372.53	37.41
27 11 19 00-0093		**Fiber Optic Cable Splice Trays** *(27 11 19 00-0087)*		
27 11 19 00-0094	EA	Fiber Optic Cable Splice Tray	71.64	12.47
27 11 19 00-0095		**Fiber Optic Cable Jumper Management Panels** *(27 11 19 00-0018)*		
		Note: Includes mounting hardware.		
27 11 19 00-0096	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel	143.04	37.41
27 11 19 00-0097		**Miscellaneous Accessories** *(27 11 19 00-0001)*		
27 11 19 00-0098	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel	52.62	
27 11 19 00-0099	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel	69.61	
27 11 19 00-0100	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel	76.32	
27 11 19 00-0101	EA	Wall Mount Bracket For 96 Port Patch Panel	85.20	
27 11 19 00-0102	EA	Lightning Protection Plus Stainless Steel Modules, Siemon	331.72	49.87
27 11 19 00-0103		**Telephone Components** *(27 11 19)*		
27 11 19 00-0104		**Terminal Blocks With Wide Range Of 22-8 AWG** *(27 11 19 00-0103)*		
27 11 19 00-0105	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG	26.93	9.99
27 11 19 00-0106	EA	Terminal Block, Fuse Holder 600 Volt, 6.3 Amp With Wire Range 22-8 AWG	45.96	9.99
27 11 19 00-0107	EA	Terminal Block, Fuse Holder 600 Volt, 10 Amp With Wire Range 22-8 AWG	38.18	9.99
27 11 19 00-0108	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG	21.67	9.99
27 11 19 00-0109	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG	15.43	6.99
27 11 19 00-0110	EA	Ground Terminal Block With Wire Range 22-8 AWG	27.76	9.99
27 11 19 00-0111	EA	Terminal Block, Solderless Box With Lug 600 Volt, 60 Amp With Wire Range 22-8 AWG	21.67	9.99
27 11 19 00-0112	EA	Terminal Block, Mini Box Lug 300 Volt, 30 Amp With Wire Range 22-8 AWG	15.31	6.99
27 11 19 00-0113	EA	Flat Terminal Block Connection 300 Volt, 20 Amp With Wire Range 22-8 AWG	15.23	6.99
27 11 19 00-0114	EA	Self Lifting Terminal Block, 300 Volt, 40 Amp Wire Connection With Wire Range 22-12 AWG	15.61	6.99
27 11 19 00-0115		**Terminal Block Mounting Channel** *(27 11 19 00-0103)*		
27 11 19 00-0116	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel	14.06	5.00
27 11 19 00-0117	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel	17.41	5.00
27 11 19 00-0118	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel	23.20	5.00
27 11 19 00-0119	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc	17.60	5.99
27 11 19 00-0120	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc	23.12	5.99
27 11 19 00-0121	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc	32.00	5.99

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0122		**Outlet Termination Hardware** *(27 11 19 00-0103)*		
27 11 19 00-0123	EA	Telephone Outlet Blocks	24.38	5.00
27 11 19 00-0124	EA	Phone Outlet Block For Floor Box Note: Excludes box.	81.80	37.91
27 11 19 00-0125	EA	Fiber Optic "SC" Type Modular Bulkhead	65.52	22.44
27 11 19 00-0126	EA	Fiber Optic "ST" Type Modular Bulkhead	65.52	22.44
27 11 19 00-0127	EA	Type "F" Coaxial Connector Male	39.39	14.96
27 11 19 00-0128	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector	93.71	24.94
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector	93.71	24.94
27 11 19 00-0130	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector	110.05	24.94
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector	110.05	24.94
27 11 19 00-0132	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector	101.45	24.94
27 11 19 00-0133	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5	827.08	124.69
27 11 19 00-0134	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V Note: Excludes cable terminations.	44.79	9.98
27 11 19 00-0135	EA	Connecting Block, 5-Pair	2.80	1.00
27 11 19 00-0136	EA	Connecting Block, 4-Pair	2.99	1.00
27 11 19 00-0137	EA	Plastic Label Holder, Transparent	11.53	2.49
27 11 19 00-0138	EA	Marked Label, White, 5-Pair	3.26	
27 11 19 00-0139	EA	Marked Label, Blue, 4-Pair	3.26	
27 11 19 00-0140		**Terminations in Manhole or Junction Box** *(27 11 19 00-0103)*		
27 11 19 00-0141	EA	25 Pair Cable Termination In Manhole Or Junction Box	159.61	
27 11 19 00-0142	EA	50 Pair Cable Termination In Manhole Or Junction Box	319.20	
27 11 19 00-0143	EA	100 Pair Cable Termination In Manhole Or Junction Box	638.41	
27 11 19 00-0144	EA	150 Pair Cable Termination In Manhole Or Junction Box	957.61	
27 11 19 00-0145	EA	200 Pair Cable Termination In Manhole Or Junction Box	1,120.21	
27 11 19 00-0146	EA	300 Pair Cable Termination In Manhole Or Junction Box	1,679.82	
27 11 19 00-0147	EA	400 Pair Cable Termination In Manhole Or Junction Box	2,112.74	
27 11 19 00-0148	EA	500 Pair Cable Termination In Manhole Or Junction Box	2,641.42	
27 11 19 00-0149	EA	750 Pair Cable Termination In Manhole Or Junction Box	3,962.11	
27 11 19 00-0150	EA	1,000 Pair Cable Termination In Manhole Or Junction Box	4,804.99	
27 11 19 00-0151	EA	1,200 Pair Cable Termination In Manhole Or Junction Box	5,476.41	

27 11 23 Communications Cable Management and Ladder Rack *(27 11)*

27 11 23 00-0001		**Equipment Supports** *(27 11 23)*		
27 11 23 00-0002	EA	110 Jumper Trough (Commscope 107831133)	28.26	4.99
27 11 23 00-0003	LF	Velcro CMP	2.35	1.00
27 11 23 00-0004	EA	12" x 5'-11" Tubular Runway	84.62	23.94
27 11 23 00-0005	EA	12" x 9'-11" Tubular Runway	146.06	39.90
27 11 23 00-0006	EA	Shelf Bracket Support For Tubular Runway	26.91	7.48
27 11 23 00-0007	EA	Straight Clamp Hardware For Tubular Runway	12.45	4.99
27 11 23 00-0008	EA	Corner Clamp Hardware For Tubular Runway	13.06	4.99
27 11 23 00-0009	EA	90 Degree Edge Clamp Hardware For Tubular Runway	28.67	8.98
27 11 23 00-0010	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway	58.88	14.96
27 11 23 00-0011	EA	J-Bolt Hardware For Tubular Runway	5.73	2.19
27 11 23 00-0012	EA	T Bracket Hardware For Tubular Runway	31.43	12.47

27 14 Communications Cabling *(27 10)*

27 14 13 Communications Copper Cabling *(27 14)*

27 14 13 13 Communications Copper Cable Splicing and Terminations *(27 14 13)*

27 14 13 13-0001		**Modular Plugs For Copper Communications Cable** *(27 14 13 13)*	
27 14 13 13-0002	EA	Modular Plug For Non-Shielded Copper Communications Cable Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.	23.39
		For >5 To 10, Deduct	*-2.99*
		For >10, Deduct	*-5.97*
27 14 13 13-0003	EA	Modular Plug For Shielded Copper Communications Cable Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.	26.61
		For >5 To 10, Deduct	*-3.36*
		For >10, Deduct	*-6.72*

27 14 13 13-0004		**Communications Termination Blocks** *(27 14 13 13)*		
27 14 13 13-0005	EA	100-Pair, 110 Block With Legs	42.69	12.47
27 14 13 13-0006	EA	300-Pair, 110 Block With Legs	68.50	12.47
27 14 13 13-0007	EA	Clear Label Holder For 110 Wiring Block	10.48	4.99
27 14 13 13-0008	EA	4-Pair, 110C Connecting Block	5.77	2.49
27 14 13 13-0009	EA	5-Pair, 110C Connecting Block	5.87	2.49
27 14 13 13-0010	EA	100-Pair, 110 Jack Panel System Note: Includes twelve 8-pin modular jacks and mounting legs.	207.77	14.96
27 14 13 13-0011	EA	300-Pair, 110 Jack Panel System Note: Includes twelve 8-pin modular jacks and mounting legs.	481.79	14.96

27 14 13 13-0012		**Testing And Certification Of Copper Communications Cable** *(27 14 13 13)* Note: Use for existing systems.	
27 14 13 13-0013	EA	Test 1-Pair Of A Copper Communications Cable For Continuity	4.99
		For >25-Pair, Deduct	*-1.99*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 13-0014	EA	Certify 1-Pair Of A Copper Communications Cable	7.48	
		For >25-Pair, Deduct	*-2.99*	
27 14 13 13-0015	EA	Certify And Document 1-Pair Of A Copper Communications Cable	11.97	
		For >25-Pair, Deduct	*-4.78*	
27 14 13 13-0016	EA	Test 4-Pair Cat 5-7 Telecommunications Cable For Continuity	19.95	
		For >25-Pair, Deduct	*-7.96*	
27 14 13 13-0017	EA	Certify 4-Pair Cat 5-7 Telecommunications Cable	29.93	
		For >25-Pair, Deduct	*-11.95*	
27 14 13 13-0018	EA	Certify And Document 4-Pair Cat 5-7 Telecommunications Cable	47.88	
		For >25-Pair, Deduct	*-19.12*	

27 14 13 13-0019 Building Entrance Terminals *(27 14 13 13)*

27 14 13 13-0020	EA	25 Pair Gas Protective Unit Assembly Complete With Gas Protector	1,615.93	218.87
27 14 13 13-0021	EA	50 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,208.20	364.78
27 14 13 13-0022	EA	100 Pair Gas Protective Unit Assembly Complete With Gas Protector	3,177.90	584.10

27 14 13 16 Communications Copper Cabling *(27 14 13)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 14 13 16-0001 Copper Telecommunications Cable *(27 14 13 16)*

27 14 13 16-0002 Indoor Telecommunications Cable *(27 14 13 16-0001)*

Note: Shielded twisted pair cables (STP) include a metallic foil wrap. Un-shielded twisted pair cables (UTP) exclude any shielding.

27 14 13 16-0003 Category 3, Indoor Telecommunications Cable *(27 14 13 16-0002)*

Note: Un-shielded twisted pair cables (UTP).

27 14 13 16-0004 Category 3, Indoor Telecommunications Riser Cable *(27 14 13 16-0003)*

27 14 13 16-0005 24 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 14 13 16-0004)*

27 14 13 16-0006 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0005)*

27 14 13 16-0007	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	759.60	418.96
27 14 13 16-0008	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	785.78	418.96
27 14 13 16-0009	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	795.03	418.96
27 14 13 16-0010	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	946.87	478.81
27 14 13 16-0011	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,139.57	478.81
27 14 13 16-0012	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,445.55	478.81
27 14 13 16-0013	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,223.57	598.51
27 14 13 16-0014	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,959.92	957.62
27 14 13 16-0015	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,253.84	1,077.32
27 14 13 16-0016	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	6,865.13	1,197.02
27 14 13 16-0017	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	10,004.26	1,675.83
27 14 13 16-0018	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	13,050.71	2,070.84
27 14 13 16-0019	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	20,478.99	2,872.85
27 14 13 16-0020	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	33,794.71	5,745.69
27 14 13 16-0021	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	46,342.92	8,618.55

27 14 13 16-0022 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0005)*

27 14 13 16-0023	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,457.87	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0024	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,484.05	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0025	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,493.30	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0026	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,545.39	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0027	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,738.09	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0028	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,243.57	957.62
		For Work In Restricted Working Space, Add	*478.81*	
27 14 13 16-0029	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,221.09	1,197.02
		For Work In Restricted Working Space, Add	*598.51*	
27 14 13 16-0030	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,757.93	1,436.42
		For Work In Restricted Working Space, Add	*718.21*	
27 14 13 16-0031	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,151.61	1,615.97
		For Work In Restricted Working Space, Add	*807.99*	
27 14 13 16-0032	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	7,862.65	1,795.53
		For Work In Restricted Working Space, Add	*897.77*	
27 14 13 16-0033	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	11,400.79	2,513.74
		For Work In Restricted Working Space, Add	*1,256.87*	
27 14 13 16-0034	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	14,786.38	3,112.26
		For Work In Restricted Working Space, Add	*1,556.12*	
27 14 13 16-0035	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	22,873.03	4,309.27
		For Work In Restricted Working Space, Add	*2,154.64*	
27 14 13 16-0036	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	38,582.79	8,618.55
		For Work In Restricted Working Space, Add	*4,309.27*	
27 14 13 16-0037	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	53,525.05	12,927.82
		For Work In Restricted Working Space, Add	*6,463.91*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0038			22 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 14 13 16-0004)*		
27 14 13 16-0039			22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0038)*		
27 14 13 16-0040		MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,207.67	478.81
27 14 13 16-0041		MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,235.16	598.51
27 14 13 16-0042		MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,845.63	957.62
27 14 13 16-0043		MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	10,149.67	1,197.02
27 14 13 16-0044		MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	14,888.87	1,675.83
27 14 13 16-0045		MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	19,341.98	2,070.84
27 14 13 16-0046		MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	28,586.22	2,872.85
27 14 13 16-0047			22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0038)*		
27 14 13 16-0048		MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	3,005.69	957.62
			For Work In Restricted Working Space, Add	*478.81*	
27 14 13 16-0049		MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,232.68	1,197.02
			For Work In Restricted Working Space, Add	*598.51*	
27 14 13 16-0050		MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,643.64	1,436.42
			For Work In Restricted Working Space, Add	*718.21*	
27 14 13 16-0051		MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	11,147.19	1,795.53
			For Work In Restricted Working Space, Add	*897.77*	
27 14 13 16-0052		MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	16,285.40	2,513.74
			For Work In Restricted Working Space, Add	*1,256.87*	
27 14 13 16-0053		MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	21,077.65	3,112.26
			For Work In Restricted Working Space, Add	*1,556.12*	
27 14 13 16-0054		MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	30,980.26	4,309.27
			For Work In Restricted Working Space, Add	*2,154.64*	
27 14 13 16-0055			Category 3, Indoor Telecommunications Plenum Cable *(27 14 13 16-0003)*		
27 14 13 16-0056			24 AWG, Category 3, Indoor Telecommunications Plenum Cable *(27 14 13 16-0055)*		
27 14 13 16-0057			24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0056)*		
27 14 13 16-0058		MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	780.77	418.96
27 14 13 16-0059		MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	806.84	418.96
27 14 13 16-0060		MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	826.34	418.96
27 14 13 16-0061		MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	982.03	478.81
27 14 13 16-0062		MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,192.09	478.81
27 14 13 16-0063		MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,761.49	478.81
27 14 13 16-0064		MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,866.80	598.51
27 14 13 16-0065		MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	5,307.66	957.62
27 14 13 16-0066		MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	8,977.12	1,197.02
27 14 13 16-0067		MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	13,398.53	1,675.83
27 14 13 16-0068			24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0056)*		
27 14 13 16-0069		MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,479.04	837.92
			For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0070		MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,505.11	837.92
			For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0071		MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,524.61	837.92
			For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0072		MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,580.55	837.92
			For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0073		MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,790.61	837.92
			For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0074		MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,559.51	957.62
			For Work In Restricted Working Space, Add	*478.81*	
27 14 13 16-0075		MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	3,864.32	1,197.02
			For Work In Restricted Working Space, Add	*598.51*	
27 14 13 16-0076		MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	6,105.67	1,436.42
			For Work In Restricted Working Space, Add	*718.21*	
27 14 13 16-0077		MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	9,974.64	1,795.53
			For Work In Restricted Working Space, Add	*897.77*	
27 14 13 16-0078		MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	14,795.06	2,513.74
			For Work In Restricted Working Space, Add	*1,256.87*	
27 14 13 16-0079			Category 5E, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0080			Category 5E, Indoor Telecommunications Riser Cable *(27 14 13 16-0079)*		
27 14 13 16-0081			Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0080)*		
27 14 13 16-0082		MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	842.00	418.96
27 14 13 16-0083		MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	875.68	418.96
27 14 13 16-0084		MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	976.07	478.81
27 14 13 16-0085		MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,009.73	478.81
27 14 13 16-0086			Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0080)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0087	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,540.27	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0088	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,573.95	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0089	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,774.09	957.62
		For Work In Restricted Working Space, Add	*478.81*	
27 14 13 16-0090	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,807.75	957.62
		For Work In Restricted Working Space, Add	*478.81*	
27 14 13 16-0091		Category 5E, Indoor Telecommunications Plenum Cable *(27 14 13 16-0079)*		
27 14 13 16-0092		Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0091)*		
27 14 13 16-0093	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	965.82	418.96
27 14 13 16-0094	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,328.65	478.81
27 14 13 16-0095		Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0091)*		
27 14 13 16-0096	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	1,664.09	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0097	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,126.67	957.62
		For Work In Restricted Working Space, Add	*478.81*	
27 14 13 16-0098		Category 6, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0099		Category 6, Indoor Telecommunications Riser Cable *(27 14 13 16-0098)*		
27 14 13 16-0100		Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0099)*		
27 14 13 16-0101	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,197.22	418.96
27 14 13 16-0102	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,253.01	418.96
27 14 13 16-0103		Category 6, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0099)*		
27 14 13 16-0104	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	1,895.49	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0105	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	1,951.28	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0106		Category 6, Indoor Telecommunications Plenum Cable *(27 14 13 16-0098)*		
27 14 13 16-0107		Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0106)*		
27 14 13 16-0108	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,713.41	418.96
27 14 13 16-0109		Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0106)*		
27 14 13 16-0110	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed	2,411.68	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0111		Category 6a, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0112		Category 6a, Indoor Telecommunications Riser Cable *(27 14 13 16-0111)*		
27 14 13 16-0113		Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit *(27 14 13 16-0112)*		
27 14 13 16-0114	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed In Conduit	1,286.37	418.96
27 14 13 16-0115		Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed *(27 14 13 16-0112)*		
27 14 13 16-0116	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed	1,984.64	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0117		Category 6a, Indoor Telecommunications Plenum Cable *(27 14 13 16-0111)*		
27 14 13 16-0118		Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 14 13 16-0117)*		
27 14 13 16-0119	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,977.25	418.96
27 14 13 16-0120		Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 14 13 16-0117)*		
27 14 13 16-0121	MLF	4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed	2,675.52	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 13 16-0122		Category 7, Indoor Telecommunications Cable *(27 14 13 16-0002)*		
27 14 13 16-0123		Category 7, Indoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0122)*		
27 14 13 16-0124	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	3,065.20	478.81
27 14 13 16-0125	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	6,332.34	478.81

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0126			Category 7, Indoor Telecommunications Cable, Installed Exposed *(27 14 13 16-0122)*		
27 14 13 16-0127		MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed	3,863.22	957.62
			For Work In Restricted Working Space, Add	*478.81*	
27 14 13 16-0128		MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed	7,130.36	957.62
			For Work In Restricted Working Space, Add	*478.81*	
27 14 13 16-0129			Outdoor Telecommunications Cable *(27 14 13 16-0001)*		
			Note: Cable buried in trench excludes excavation.		
27 14 13 16-0130			PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0129)*		
			Note: Includes foam-skin polyolefin insulated conductors.		
27 14 13 16-0131			24 AWG, PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0130)*		
27 14 13 16-0132			24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0131)*		
27 14 13 16-0133		MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,332.00	478.81
27 14 13 16-0134		MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,557.85	837.92
27 14 13 16-0135		MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,144.16	538.66
27 14 13 16-0136		MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,170.79	598.51
27 14 13 16-0137		MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,491.09	837.92
27 14 13 16-0138		MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,614.01	957.62
27 14 13 16-0139		MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,419.91	1,077.32
27 14 13 16-0140		MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	13,836.91	1,556.12
27 14 13 16-0141		MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	18,324.11	2,034.93
27 14 13 16-0142		MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	24,881.87	2,753.15
27 14 13 16-0143		MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	39,743.54	5,506.29
27 14 13 16-0144		MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	54,560.15	8,139.74
27 14 13 16-0145			24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0131)*		
27 14 13 16-0146		MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,182.38	
27 14 13 16-0147		MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,408.23	
27 14 13 16-0148		MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,944.65	
27 14 13 16-0149		MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,971.29	
27 14 13 16-0150		MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,191.83	
27 14 13 16-0151		MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,115.25	
27 14 13 16-0152		MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	9,220.41	
27 14 13 16-0153		MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,238.40	
27 14 13 16-0154		MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	17,077.21	
27 14 13 16-0155		MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	22,687.34	
27 14 13 16-0156		MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	33,758.45	
27 14 13 16-0157		MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	45,781.99	
27 14 13 16-0158			22 AWG, PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0130)*		
27 14 13 16-0159			22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0158)*		
27 14 13 16-0160		MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,475.58	478.81
27 14 13 16-0161		MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,826.11	478.81
27 14 13 16-0162		MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,693.26	538.66
27 14 13 16-0163		MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,148.15	598.51
27 14 13 16-0164		MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,018.42	837.92
27 14 13 16-0165		MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,690.38	957.62
27 14 13 16-0166		MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	13,425.52	1,077.32
27 14 13 16-0167		MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	19,549.71	1,556.12
27 14 13 16-0168		MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	26,025.46	2,034.93
27 14 13 16-0169		MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	38,330.85	2,753.15
27 14 13 16-0170		MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	56,728.49	5,506.29
27 14 13 16-0171		MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	79,971.20	8,139.74
27 14 13 16-0172			22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0158)*		
27 14 13 16-0173		MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,325.96	
27 14 13 16-0174		MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,676.49	
27 14 13 16-0175		MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,493.75	
27 14 13 16-0176		MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,948.65	
27 14 13 16-0177		MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,719.16	
27 14 13 16-0178		MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,391.12	
27 14 13 16-0179		MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,226.02	
27 14 13 16-0180		MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	18,951.20	
27 14 13 16-0181		MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	24,778.56	
27 14 13 16-0182		MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	36,136.32	
27 14 13 16-0183		MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	50,743.40	
27 14 13 16-0184		MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	71,193.04	
27 14 13 16-0185			19 AWG, PE-89 Outdoor Telecommunications Cable *(27 14 13 16-0130)*		
27 14 13 16-0186			19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0185)*		
27 14 13 16-0187		MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,386.06	538.66
27 14 13 16-0188		MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,457.01	598.51

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0189	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,904.28	837.92
27 14 13 16-0190	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	14,244.28	957.62
27 14 13 16-0191		19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0185)*		
27 14 13 16-0192	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,186.55	
27 14 13 16-0193	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,257.51	
27 14 13 16-0194	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,605.02	
27 14 13 16-0195	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	13,945.02	
27 14 13 16-0196		PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0129)* Note: Includes solid polyolefin insulated conductors.		
27 14 13 16-0197		24 AWG, PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0196)*		
27 14 13 16-0198		24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0197)*		
27 14 13 16-0199	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,950.70	837.92
27 14 13 16-0200	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,227.02	837.92
27 14 13 16-0201	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,784.47	837.92
27 14 13 16-0202	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,788.34	837.92
27 14 13 16-0203	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,824.33	837.92
27 14 13 16-0204	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	10,357.16	1,077.32
27 14 13 16-0205	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,115.35	1,556.12
27 14 13 16-0206	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	19,881.89	2,034.93
27 14 13 16-0207	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	27,156.34	2,753.15
27 14 13 16-0208	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	42,684.99	5,506.29
27 14 13 16-0209	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	62,189.07	8,139.74
27 14 13 16-0210		24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0197)*		
27 14 13 16-0211	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,651.44	
27 14 13 16-0212	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,927.76	
27 14 13 16-0213	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,485.21	
27 14 13 16-0214	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,489.08	
27 14 13 16-0215	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,525.07	
27 14 13 16-0216	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	10,157.66	
27 14 13 16-0217	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	14,516.84	
27 14 13 16-0218	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	18,634.99	
27 14 13 16-0219	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	24,961.81	
27 14 13 16-0220	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	36,699.90	
27 14 13 16-0221	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	53,410.91	
27 14 13 16-0222		22 AWG, PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0196)*		
27 14 13 16-0223		22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0222)*		
27 14 13 16-0224	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,110.45	837.92
27 14 13 16-0225	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,516.48	837.92
27 14 13 16-0226	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,380.54	837.92
27 14 13 16-0227	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,970.10	837.92
27 14 13 16-0228	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,287.31	837.92
27 14 13 16-0229	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,097.11	1,077.32
27 14 13 16-0230	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	22,112.12	1,556.12
27 14 13 16-0231	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	28,344.33	2,034.93
27 14 13 16-0232	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	39,555.77	2,753.15
27 14 13 16-0233	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	62,762.54	5,506.29
27 14 13 16-0234		22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0222)*		
27 14 13 16-0235	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,811.19	
27 14 13 16-0236	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,217.22	
27 14 13 16-0237	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,081.28	
27 14 13 16-0238	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,670.84	
27 14 13 16-0239	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	7,988.05	
27 14 13 16-0240	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	14,897.61	
27 14 13 16-0241	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	21,513.61	
27 14 13 16-0242	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	27,097.43	
27 14 13 16-0243	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	37,361.24	
27 14 13 16-0244	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	56,777.45	
27 14 13 16-0245		19 AWG, PE-39 Outdoor Telecommunications Cable *(27 14 13 16-0196)*		
27 14 13 16-0246		19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 14 13 16-0245)*		
27 14 13 16-0247	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,294.64	837.92
27 14 13 16-0248	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,518.47	837.92
27 14 13 16-0249	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,203.59	837.92
27 14 13 16-0250		19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 14 13 16-0245)*		
27 14 13 16-0251	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,995.38	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0252		MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,219.21	
27 14 13 16-0253		MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	14,904.33	
27 14 13 16-0254			(Aerial) Outdoor Telecommunications Cable *(27 14 13 16-0129)*		
			Note: Includes support wire.		
27 14 13 16-0255			24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 14 13 16-0254)*		
27 14 13 16-0256		MLF	6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,716.87	1,664.73
27 14 13 16-0257		MLF	12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,946.78	1,664.73
27 14 13 16-0258		MLF	25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,517.59	1,664.73
27 14 13 16-0259		MLF	50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,574.45	1,664.73
27 14 13 16-0260		MLF	100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,615.74	1,664.73
27 14 13 16-0261		MLF	200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	14,071.88	1,831.21
27 14 13 16-0262		MLF	300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	18,553.26	1,997.68
27 14 13 16-0263			22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 14 13 16-0254)*		
27 14 13 16-0264		MLF	6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,991.93	1,664.73
27 14 13 16-0265		MLF	12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,331.61	1,664.73
27 14 13 16-0266		MLF	25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,149.75	1,664.73
27 14 13 16-0267		MLF	50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,766.06	1,664.73
27 14 13 16-0268		MLF	100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,482.82	1,664.73
27 14 13 16-0269		MLF	200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	19,099.11	1,831.21
27 14 13 16-0270			19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 14 13 16-0254)*		
27 14 13 16-0271		MLF	6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,355.58	1,664.73
27 14 13 16-0272		MLF	12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,123.74	1,664.73
27 14 13 16-0273		MLF	25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,634.07	1,664.73
27 14 13 16-0274		MLF	50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,654.75	1,664.73
27 14 13 16-0275		MLF	100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	17,883.95	1,664.73
27 14 13 16-0276			Solid Conductor Low Voltage Cable *(27 14 13 16)*		
27 14 13 16-0277			Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0276)*		
27 14 13 16-0278			#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0277)*		
27 14 13 16-0279		MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,037.22	902.82
			For #10 AWG, Add	*476.65*	
			For Work In Restricted Working Space, Add	*451.45*	
27 14 13 16-0280		MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,540.80	934.74
			For #10 AWG, Add	*635.88*	
			For Work In Restricted Working Space, Add	*467.51*	
27 14 13 16-0281		MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,980.89	967.57
			For #10 AWG, Add	*774.11*	
			For Work In Restricted Working Space, Add	*483.65*	
27 14 13 16-0282		MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,447.17	1,000.40
			For #10 AWG, Add	*920.75*	
			For Work In Restricted Working Space, Add	*500.35*	
27 14 13 16-0283		MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,945.95	1,067.88
			For #10 AWG, Add	*1,070.72*	
			For Work In Restricted Working Space, Add	*534.10*	
27 14 13 16-0284		MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,399.43	1,134.45
			For #10 AWG, Add	*1,205.95*	
			For Work In Restricted Working Space, Add	*567.38*	
27 14 13 16-0285		MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,756.55	1,269.42
			For #10 AWG, Add	*1,294.67*	
			For Work In Restricted Working Space, Add	*634.59*	
27 14 13 16-0286		MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,310.14	1,673.40
			For #10 AWG, Add	*1,719.85*	
			For Work In Restricted Working Space, Add	*836.54*	
27 14 13 16-0287		MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,400.37	2,471.36
			For #10 AWG, Add	*2,566.80*	
			For Work In Restricted Working Space, Add	*1,235.36*	
27 14 13 16-0288			#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0277)*		
27 14 13 16-0289		MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,824.61	789.74
			For Work In Restricted Working Space, Add	*394.78*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0290	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,302.03	818.01
		For Work In Restricted Working Space, Add	*409.01*	
27 14 13 16-0291	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,718.56	846.28
		For Work In Restricted Working Space, Add	*423.23*	
27 14 13 16-0292	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,159.22	875.46
		For Work In Restricted Working Space, Add	*437.73*	
27 14 13 16-0293	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,626.78	934.74
		For Work In Restricted Working Space, Add	*467.28*	
27 14 13 16-0294	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,050.73	993.10
		For Work In Restricted Working Space, Add	*496.28*	
27 14 13 16-0295	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,374.86	1,110.74
		For Work In Restricted Working Space, Add	*555.37*	
27 14 13 16-0296	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,804.27	1,463.66
		For Work In Restricted Working Space, Add	*731.83*	
27 14 13 16-0297	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,651.24	2,162.21
		For Work In Restricted Working Space, Add	*1,081.19*	

27 14 13 16-0298 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0277)*

27 14 13 16-0299	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,623.43	704.92
		For Work In Restricted Working Space, Add	*352.65*	
27 14 13 16-0300	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,936.23	730.46
		For Work In Restricted Working Space, Add	*365.23*	
27 14 13 16-0301	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,411.03	755.99
		For Work In Restricted Working Space, Add	*377.82*	
27 14 13 16-0302	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,800.27	781.53
		For Work In Restricted Working Space, Add	*390.95*	
27 14 13 16-0303	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,212.84	834.42
		For Work In Restricted Working Space, Add	*417.21*	
27 14 13 16-0304	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,587.68	886.40
		For Work In Restricted Working Space, Add	*443.20*	
27 14 13 16-0305	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,731.20	939.30
		For Work In Restricted Working Space, Add	*469.46*	
27 14 13 16-0306	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,875.65	992.19
		For Work In Restricted Working Space, Add	*496.00*	
27 14 13 16-0307	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,350.91	1,055.11
		For Work In Restricted Working Space, Add	*527.47*	
27 14 13 16-0308	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,141.24	1,306.81
		For Work In Restricted Working Space, Add	*653.45*	
27 14 13 16-0309	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,662.40	1,930.57
		For Work In Restricted Working Space, Add	*965.33*	

27 14 13 16-0310 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0277)*

27 14 13 16-0311	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,350.43	621.03
		For Work In Restricted Working Space, Add	*310.24*	
27 14 13 16-0312	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,655.19	642.91
		For Work In Restricted Working Space, Add	*321.46*	
27 14 13 16-0313	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,922.08	664.80
		For Work In Restricted Working Space, Add	*332.68*	
27 14 13 16-0314	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,203.41	687.60
		For Work In Restricted Working Space, Add	*343.89*	
27 14 13 16-0315	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,510.41	734.11
		For Work In Restricted Working Space, Add	*367.15*	
27 14 13 16-0316	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,790.53	779.70
		For Work In Restricted Working Space, Add	*390.13*	
27 14 13 16-0317	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,023.70	872.72
		For Work In Restricted Working Space, Add	*436.37*	
27 14 13 16-0318	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,009.10	1,149.96
		For Work In Restricted Working Space, Add	*575.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0319	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,969.87	1,698.94
		For Work In Restricted Working Space, Add	*849.47*	

27 14 13 16-0320 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0277)*

27 14 13 16-0321	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,183.27	564.49
		For Work In Restricted Working Space, Add	*282.06*	
27 14 13 16-0322	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,423.81	584.55
		For Work In Restricted Working Space, Add	*292.19*	
27 14 13 16-0323	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,632.59	605.07
		For Work In Restricted Working Space, Add	*302.31*	
27 14 13 16-0324	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,852.47	625.59
		For Work In Restricted Working Space, Add	*312.71*	
27 14 13 16-0325	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,100.82	667.54
		For Work In Restricted Working Space, Add	*333.63*	
27 14 13 16-0326	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,326.98	709.48
		For Work In Restricted Working Space, Add	*354.56*	
27 14 13 16-0327	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,545.72	793.38
		For Work In Restricted Working Space, Add	*396.69*	
27 14 13 16-0328	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,350.54	1,045.99
		For Work In Restricted Working Space, Add	*522.82*	
27 14 13 16-0329	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,986.13	1,544.83
		For Work In Restricted Working Space, Add	*772.32*	
27 14 13 16-0330	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,319.40	1,581.31
		For Work In Restricted Working Space, Add	*790.65*	
27 14 13 16-0331	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,357.41	1,841.20
		For Work In Restricted Working Space, Add	*920.60*	
27 14 13 16-0332	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,823.01	1,970.70
		For Work In Restricted Working Space, Add	*985.44*	
27 14 13 16-0333	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,111.56	2,463.15
		For Work In Restricted Working Space, Add	*1,231.38*	
27 14 13 16-0334	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	11,074.34	3,242.85
		For Work In Restricted Working Space, Add	*1,621.24*	

27 14 13 16-0335 #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0277)*

27 14 13 16-0336	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	973.43	507.95
		For Work In Restricted Working Space, Add	*253.88*	
27 14 13 16-0337	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,050.37	526.19
		For Work In Restricted Working Space, Add	*262.91*	
27 14 13 16-0338	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,146.08	544.42
		For Work In Restricted Working Space, Add	*272.21*	
27 14 13 16-0339	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,250.68	562.66
		For Work In Restricted Working Space, Add	*281.51*	
27 14 13 16-0340	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,401.95	600.96
		For Work In Restricted Working Space, Add	*300.39*	
27 14 13 16-0341	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,555.73	636.53
		For Work In Restricted Working Space, Add	*318.45*	

27 14 13 16-0342 Triad *(27 14 13 16-0277)*

27 14 13 16-0343	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit	1,724.22	755.99
27 14 13 16-0344	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	2,301.70	1,045.99
27 14 13 16-0345	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	3,515.83	1,544.83
27 14 13 16-0346	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	4,304.31	1,841.20
27 14 13 16-0347	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	6,901.58	2,852.54
27 14 13 16-0348	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	7,904.81	3,242.85

27 14 13 16-0349 Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0276)*

27 14 13 16-0350 #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0349)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0351	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,542.05	1,805.64
		For #10 AWG, Add	*777.62*	
		For Work In Restricted Working Space, Add	*902.90*	
27 14 13 16-0352	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,099.15	1,869.47
		For #10 AWG, Add	*947.55*	
		For Work In Restricted Working Space, Add	*935.01*	
27 14 13 16-0353	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,593.04	1,935.13
		For #10 AWG, Add	*1,096.54*	
		For Work In Restricted Working Space, Add	*967.29*	
27 14 13 16-0354	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,115.01	2,000.79
		For #10 AWG, Add	*1,254.32*	
		For Work In Restricted Working Space, Add	*1,000.70*	
27 14 13 16-0355	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,726.27	2,135.76
		For #10 AWG, Add	*1,426.79*	
		For Work In Restricted Working Space, Add	*1,068.19*	
27 14 13 16-0356	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,290.69	2,268.90
		For #10 AWG, Add	*1,584.20*	
		For Work In Restricted Working Space, Add	*1,134.75*	
27 14 13 16-0357	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,871.84	2,538.84
		For #10 AWG, Add	*1,717.73*	
		For Work In Restricted Working Space, Add	*1,269.18*	
27 14 13 16-0358	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,098.62	3,346.82
		For #10 AWG, Add	*2,277.54*	
		For Work In Restricted Working Space, Add	*1,673.09*	
27 14 13 16-0359	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	13,518.23	4,942.70
		For #10 AWG, Add	*3,390.37*	
		For Work In Restricted Working Space, Add	*2,470.72*	

27 14 13 16-0360 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0349)*

27 14 13 16-0361	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,140.54	1,579.48
		For Work In Restricted Working Space, Add	*789.56*	
27 14 13 16-0362	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,665.38	1,636.01
		For Work In Restricted Working Space, Add	*818.01*	
27 14 13 16-0363	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,129.32	1,692.55
		For Work In Restricted Working Space, Add	*846.46*	
27 14 13 16-0364	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,618.31	1,750.92
		For Work In Restricted Working Space, Add	*875.46*	
27 14 13 16-0365	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,184.37	1,869.47
		For Work In Restricted Working Space, Add	*934.55*	
27 14 13 16-0366	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,704.99	1,986.20
		For Work In Restricted Working Space, Add	*992.55*	
27 14 13 16-0367	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,226.10	2,221.48
		For Work In Restricted Working Space, Add	*1,110.74*	
27 14 13 16-0368	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,243.70	2,927.32
		For Work In Restricted Working Space, Add	*1,463.66*	
27 14 13 16-0369	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	12,255.22	4,324.41
		For Work In Restricted Working Space, Add	*2,162.39*	

27 14 13 16-0370 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0349)*

27 14 13 16-0371	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,798.92	1,409.86
		For Work In Restricted Working Space, Add	*705.29*	
27 14 13 16-0372	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,153.67	1,460.93
		For Work In Restricted Working Space, Add	*730.46*	
27 14 13 16-0373	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,670.42	1,512.00
		For Work In Restricted Working Space, Add	*755.63*	
27 14 13 16-0374	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,103.43	1,563.07
		For Work In Restricted Working Space, Add	*781.90*	
27 14 13 16-0375	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,603.54	1,668.84
		For Work In Restricted Working Space, Add	*834.42*	
27 14 13 16-0376	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,065.02	1,772.80
		For Work In Restricted Working Space, Add	*886.40*	

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27 14 13 16-0377		MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,296.09	1,878.59
			For Work In Restricted Working Space, Add	*938.93*	
27 14 13 16-0378		MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,529.00	1,984.38
			For Work In Restricted Working Space, Add	*992.01*	
27 14 13 16-0379		MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,109.13	2,110.23
			For Work In Restricted Working Space, Add	*1,054.93*	
27 14 13 16-0380		MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,319.41	2,613.62
			For Work In Restricted Working Space, Add	*1,306.90*	
27 14 13 16-0381		MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,880.17	3,861.14
			For Work In Restricted Working Space, Add	*1,930.67*	

27 14 13 16-0382 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0349)*

27 14 13 16-0383		MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,384.57	1,242.06
			For Work In Restricted Working Space, Add	*620.48*	
27 14 13 16-0384		MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,726.72	1,285.84
			For Work In Restricted Working Space, Add	*642.92*	
27 14 13 16-0385		MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,031.00	1,329.61
			For Work In Restricted Working Space, Add	*665.35*	
27 14 13 16-0386		MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,349.71	1,375.21
			For Work In Restricted Working Space, Add	*687.78*	
27 14 13 16-0387		MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,734.24	1,468.22
			For Work In Restricted Working Space, Add	*734.30*	
27 14 13 16-0388		MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,090.95	1,559.42
			For Work In Restricted Working Space, Add	*780.26*	
27 14 13 16-0389		MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,478.23	1,745.45
			For Work In Restricted Working Space, Add	*872.72*	
27 14 13 16-0390		MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,926.00	2,299.91
			For Work In Restricted Working Space, Add	*1,150.14*	
27 14 13 16-0391		MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,801.43	3,397.88
			For Work In Restricted Working Space, Add	*1,698.94*	

27 14 13 16-0392 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0349)*

27 14 13 16-0393		MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,123.47	1,128.98
			For Work In Restricted Working Space, Add	*564.12*	
27 14 13 16-0394		MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,397.76	1,169.11
			For Work In Restricted Working Space, Add	*584.37*	
27 14 13 16-0395		MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,640.28	1,210.14
			For Work In Restricted Working Space, Add	*604.61*	
27 14 13 16-0396		MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,894.81	1,251.18
			For Work In Restricted Working Space, Add	*625.41*	
27 14 13 16-0397		MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,212.94	1,335.08
			For Work In Restricted Working Space, Add	*667.27*	
27 14 13 16-0398		MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,508.86	1,418.98
			For Work In Restricted Working Space, Add	*709.13*	
27 14 13 16-0399		MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,868.04	1,586.78
			For Work In Restricted Working Space, Add	*793.39*	
27 14 13 16-0400		MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,093.25	2,091.99
			For Work In Restricted Working Space, Add	*1,045.63*	
27 14 13 16-0401		MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,560.51	3,089.65
			For Work In Restricted Working Space, Add	*1,544.63*	
27 14 13 16-0402		MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,954.88	3,162.60
			For Work In Restricted Working Space, Add	*1,581.29*	
27 14 13 16-0403		MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,426.09	3,682.41
			For Work In Restricted Working Space, Add	*1,841.21*	
27 14 13 16-0404		MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,107.81	3,941.39
			For Work In Restricted Working Space, Add	*1,970.88*	
27 14 13 16-0405		MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	12,216.19	4,926.29
			For Work In Restricted Working Space, Add	*2,462.77*	

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27 14 13 16-0406	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	16,478.45	6,485.71
		For Work In Restricted Working Space, Add	*3,242.47*	

27 14 13 16-0407 #22 AWG, Shielded, Low Voltage Cable, Installed Exposed *(27 14 13 16-0349)*

27 14 13 16-0408	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	1,819.70	1,015.90
		For Work In Restricted Working Space, Add	*507.77*	
27 14 13 16-0409	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	1,926.74	1,052.38
		For Work In Restricted Working Space, Add	*525.82*	
27 14 13 16-0410	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,053.45	1,088.85
		For Work In Restricted Working Space, Add	*544.43*	
27 14 13 16-0411	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,189.07	1,125.33
		For Work In Restricted Working Space, Add	*563.03*	
27 14 13 16-0412	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,403.26	1,201.94
		For Work In Restricted Working Space, Add	*600.79*	
27 14 13 16-0413	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,617.22	1,273.07
		For Work In Restricted Working Space, Add	*636.90*	

27 14 13 16-0414 Triad, Installed Exposed *(27 14 13 16-0349)*

27 14 13 16-0415	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Placed In Conduit	1,724.22	755.99
27 14 13 16-0416	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit	2,301.70	1,045.99
27 14 13 16-0417	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit	3,515.83	1,544.83
27 14 13 16-0418	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit	4,304.31	1,841.20
27 14 13 16-0419	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit	6,901.58	2,852.54
27 14 13 16-0420	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit	7,904.81	3,242.85

27 14 13 16-0421 Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0276)*

27 14 13 16-0422 #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0421)*

27 14 13 16-0423	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,568.25	789.74
		For Work In Restricted Working Space, Add	*394.78*	
27 14 13 16-0424	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,828.97	818.01
		For Work In Restricted Working Space, Add	*409.01*	
27 14 13 16-0425	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,059.48	846.28
		For Work In Restricted Working Space, Add	*423.23*	
27 14 13 16-0426	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,302.42	875.46
		For Work In Restricted Working Space, Add	*437.73*	
27 14 13 16-0427	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,582.16	933.82
		For Work In Restricted Working Space, Add	*466.73*	
27 14 13 16-0428	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,842.08	992.19
		For Work In Restricted Working Space, Add	*496.00*	
27 14 13 16-0429	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,103.03	1,110.74
		For Work In Restricted Working Space, Add	*555.37*	
27 14 13 16-0430	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,108.50	1,463.66
		For Work In Restricted Working Space, Add	*731.83*	
27 14 13 16-0431	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,107.59	2,162.21
		For Work In Restricted Working Space, Add	*1,081.19*	

27 14 13 16-0432 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0421)*

27 14 13 16-0433	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,397.68	704.92
		For Work In Restricted Working Space, Add	*352.65*	
27 14 13 16-0434	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,627.47	730.46
		For Work In Restricted Working Space, Add	*365.23*	
27 14 13 16-0435	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,830.64	755.99
		For Work In Restricted Working Space, Add	*377.82*	
27 14 13 16-0436	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,045.78	781.53
		For Work In Restricted Working Space, Add	*390.95*	
27 14 13 16-0437	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,293.64	833.51
		For Work In Restricted Working Space, Add	*416.94*	

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27 14 13 16-0438	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,524.14	886.40
		For Work In Restricted Working Space, Add	*443.20*	
27 14 13 16-0439	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,639.45	939.30
		For Work In Restricted Working Space, Add	*469.46*	
27 14 13 16-0440	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,826.94	992.19
		For Work In Restricted Working Space, Add	*496.00*	
27 14 13 16-0441	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,127.31	1,055.11
		For Work In Restricted Working Space, Add	*527.44*	
27 14 13 16-0442	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,647.96	1,306.81
		For Work In Restricted Working Space, Add	*653.45*	
27 14 13 16-0443	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,422.90	1,930.57
		For Work In Restricted Working Space, Add	*965.47*	

27 14 13 16-0444 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0421)*

27 14 13 16-0445	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,219.58	620.11
		For Work In Restricted Working Space, Add	*310.24*	
27 14 13 16-0446	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,404.05	642.91
		For Work In Restricted Working Space, Add	*321.46*	
27 14 13 16-0447	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,518.17	665.71
		For Work In Restricted Working Space, Add	*332.68*	
27 14 13 16-0448	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,670.67	687.60
		For Work In Restricted Working Space, Add	*343.89*	
27 14 13 16-0449	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,850.49	734.11
		For Work In Restricted Working Space, Add	*367.15*	
27 14 13 16-0450	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,029.41	780.62
		For Work In Restricted Working Space, Add	*390.13*	
27 14 13 16-0451	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,452.11	872.72
		For Work In Restricted Working Space, Add	*436.37*	
27 14 13 16-0452	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,182.27	1,149.96
		For Work In Restricted Working Space, Add	*575.07*	
27 14 13 16-0453	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,213.62	1,698.94
		For Work In Restricted Working Space, Add	*849.47*	

27 14 13 16-0454 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0421)*

27 14 13 16-0455	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,071.11	564.49
		For Work In Restricted Working Space, Add	*282.06*	
27 14 13 16-0456	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,197.10	584.55
		For Work In Restricted Working Space, Add	*292.19*	
27 14 13 16-0457	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,418.89	665.71
		For Work In Restricted Working Space, Add	*332.68*	
27 14 13 16-0458	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,568.22	699.82
		For Work In Restricted Working Space, Add	*349.91*	
27 14 13 16-0459	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,714.26	734.11
		For Work In Restricted Working Space, Add	*367.15*	
27 14 13 16-0460	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,868.44	780.62
		For Work In Restricted Working Space, Add	*390.13*	
27 14 13 16-0461	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,055.01	868.71
		For Work In Restricted Working Space, Add	*434.45*	
27 14 13 16-0462	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,540.25	1,045.99
		For Work In Restricted Working Space, Add	*522.82*	
27 14 13 16-0463	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,770.70	1,544.83
		For Work In Restricted Working Space, Add	*772.32*	
27 14 13 16-0464	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,966.81	1,581.31
		For Work In Restricted Working Space, Add	*790.65*	
27 14 13 16-0465	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,700.00	1,841.20
		For Work In Restricted Working Space, Add	*920.60*	
27 14 13 16-0466	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,039.86	1,970.70
		For Work In Restricted Working Space, Add	*985.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0467	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,092.19	2,463.15
		For Work In Restricted Working Space, Add	*1,231.38*	
27 14 13 16-0468	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,216.74	3,242.85
		For Work In Restricted Working Space, Add	*1,621.24*	
27 14 13 16-0469		#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0421)*		
27 14 13 16-0470	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	933.07	507.95
		For Work In Restricted Working Space, Add	*253.88*	
27 14 13 16-0471	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	995.13	526.19
		For Work In Restricted Working Space, Add	*262.91*	
27 14 13 16-0472	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,076.23	544.42
		For Work In Restricted Working Space, Add	*272.21*	
27 14 13 16-0473	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,164.76	562.66
		For Work In Restricted Working Space, Add	*281.51*	
27 14 13 16-0474	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,281.50	600.96
		For Work In Restricted Working Space, Add	*300.39*	
27 14 13 16-0475	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,407.13	636.53
		For Work In Restricted Working Space, Add	*318.45*	
27 14 13 16-0476		Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0276)*		
27 14 13 16-0477		#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0476)*		
27 14 13 16-0478	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,884.18	1,579.48
		For Work In Restricted Working Space, Add	*789.56*	
27 14 13 16-0479	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,192.32	1,636.01
		For Work In Restricted Working Space, Add	*818.01*	
27 14 13 16-0480	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,470.24	1,692.55
		For Work In Restricted Working Space, Add	*846.46*	
27 14 13 16-0481	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,761.51	1,750.92
		For Work In Restricted Working Space, Add	*875.46*	
27 14 13 16-0482	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,137.92	1,867.65
		For Work In Restricted Working Space, Add	*933.46*	
27 14 13 16-0483	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,495.43	1,984.38
		For Work In Restricted Working Space, Add	*992.01*	
27 14 13 16-0484	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,954.27	2,221.48
		For Work In Restricted Working Space, Add	*1,110.74*	
27 14 13 16-0485	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,547.93	2,927.32
		For Work In Restricted Working Space, Add	*1,463.66*	
27 14 13 16-0486	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,711.57	4,324.41
		For Work In Restricted Working Space, Add	*2,162.39*	
27 14 13 16-0487		#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0476)*		
27 14 13 16-0488	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,573.17	1,409.86
		For Work In Restricted Working Space, Add	*705.29*	
27 14 13 16-0489	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,844.91	1,460.93
		For Work In Restricted Working Space, Add	*730.46*	
27 14 13 16-0490	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,090.03	1,512.00
		For Work In Restricted Working Space, Add	*755.63*	
27 14 13 16-0491	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,348.94	1,563.07
		For Work In Restricted Working Space, Add	*781.90*	
27 14 13 16-0492	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,683.42	1,667.02
		For Work In Restricted Working Space, Add	*833.87*	
27 14 13 16-0493	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,001.48	1,772.80
		For Work In Restricted Working Space, Add	*886.40*	
27 14 13 16-0494	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,204.34	1,878.59
		For Work In Restricted Working Space, Add	*938.93*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0495		MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,480.29	1,984.38
			For Work In Restricted Working Space, Add	*992.01*	
27 14 13 16-0496		MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,885.45	2,110.23
			For Work In Restricted Working Space, Add	*1,054.88*	
27 14 13 16-0497		MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,826.12	2,613.62
			For Work In Restricted Working Space, Add	*1,306.90*	
27 14 13 16-0498		MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,641.12	3,861.14
			For Work In Restricted Working Space, Add	*1,930.93*	

27 14 13 16-0499 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0476)*

27 14 13 16-0500		MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,253.72	1,240.24
			For Work In Restricted Working Space, Add	*620.48*	
27 14 13 16-0501		MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,475.58	1,285.84
			For Work In Restricted Working Space, Add	*642.92*	
27 14 13 16-0502		MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,627.09	1,331.43
			For Work In Restricted Working Space, Add	*665.35*	
27 14 13 16-0503		MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,816.97	1,375.21
			For Work In Restricted Working Space, Add	*687.78*	
27 14 13 16-0504		MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,074.32	1,468.22
			For Work In Restricted Working Space, Add	*734.30*	
27 14 13 16-0505		MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,329.83	1,561.24
			For Work In Restricted Working Space, Add	*780.26*	
27 14 13 16-0506		MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,906.64	1,745.45
			For Work In Restricted Working Space, Add	*872.72*	
27 14 13 16-0507		MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,099.17	2,299.91
			For Work In Restricted Working Space, Add	*1,150.14*	
27 14 13 16-0508		MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,045.18	3,397.88
			For Work In Restricted Working Space, Add	*1,698.94*	

27 14 13 16-0509 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0476)*

27 14 13 16-0510		MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,011.31	1,128.98
			For Work In Restricted Working Space, Add	*564.12*	
27 14 13 16-0511		MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,171.05	1,169.11
			For Work In Restricted Working Space, Add	*584.37*	
27 14 13 16-0512		MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,527.81	1,331.43
			For Work In Restricted Working Space, Add	*665.35*	
27 14 13 16-0513		MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,734.59	1,399.65
			For Work In Restricted Working Space, Add	*699.82*	
27 14 13 16-0514		MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,938.09	1,468.22
			For Work In Restricted Working Space, Add	*734.30*	
27 14 13 16-0515		MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,168.86	1,561.24
			For Work In Restricted Working Space, Add	*780.26*	
27 14 13 16-0516		MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,503.16	1,737.43
			For Work In Restricted Working Space, Add	*868.89*	
27 14 13 16-0517		MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,282.96	2,091.99
			For Work In Restricted Working Space, Add	*1,045.63*	
27 14 13 16-0518		MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,345.08	3,089.65
			For Work In Restricted Working Space, Add	*1,544.63*	
27 14 13 16-0519		MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,602.29	3,162.60
			For Work In Restricted Working Space, Add	*1,581.29*	
27 14 13 16-0520		MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,768.68	3,682.41
			For Work In Restricted Working Space, Add	*1,841.21*	
27 14 13 16-0521		MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,324.66	3,941.39
			For Work In Restricted Working Space, Add	*1,970.88*	
27 14 13 16-0522		MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,196.82	4,926.29
			For Work In Restricted Working Space, Add	*2,462.77*	
27 14 13 16-0523		MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	13,620.85	6,485.71
			For Work In Restricted Working Space, Add	*3,242.47*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0524		#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 14 13 16-0476)*		
27 14 13 16-0525	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	1,779.34	1,015.90
		For Work In Restricted Working Space, Add	*507.77*	
27 14 13 16-0526	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	1,871.50	1,052.38
		For Work In Restricted Working Space, Add	*525.82*	
27 14 13 16-0527	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	1,983.60	1,088.85
		For Work In Restricted Working Space, Add	*544.43*	
27 14 13 16-0528	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,103.15	1,125.33
		For Work In Restricted Working Space, Add	*563.03*	
27 14 13 16-0529	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,282.81	1,201.94
		For Work In Restricted Working Space, Add	*600.79*	
27 14 13 16-0530	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,468.62	1,273.07
		For Work In Restricted Working Space, Add	*636.90*	
27 14 13 16-0531		Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench *(27 14 13 16-0276)*		
		Note: Excludes excavation.		
27 14 13 16-0532	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,697.59	
27 14 13 16-0533	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,169.32	
27 14 13 16-0534	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,581.23	
27 14 13 16-0535	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,017.92	
27 14 13 16-0536	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,475.47	
27 14 13 16-0537	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,890.59	
27 14 13 16-0538		Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) *(27 14 13 16-0276)*		
27 14 13 16-0539	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	1,785.93	485.58
27 14 13 16-0540	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,307.16	520.23
27 14 13 16-0541	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,037.69	657.68
27 14 13 16-0542	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,701.02	760.68
27 14 13 16-0543	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	5,947.58	867.01
27 14 13 16-0544	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	7,160.64	1,107.67
27 14 13 16-0545		Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0276)*		
27 14 13 16-0546	MLF	1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,332.69	704.92
27 14 13 16-0547	MLF	2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,588.59	730.46
27 14 13 16-0548	MLF	3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,770.10	755.99
27 14 13 16-0549	MLF	4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,869.54	781.53
27 14 13 16-0550	MLF	5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,225.81	833.51
27 14 13 16-0551	MLF	6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,405.22	886.40
27 14 13 16-0552	MLF	8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,989.49	992.19
27 14 13 16-0553	MLF	12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,726.91	1,306.81
27 14 13 16-0554	MLF	24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,649.28	1,930.57
27 14 13 16-0555	MLF	1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,153.44	620.11
27 14 13 16-0556	MLF	2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,363.79	642.91
27 14 13 16-0557	MLF	3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,538.50	665.71
27 14 13 16-0558	MLF	4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,627.10	687.60
27 14 13 16-0559	MLF	5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,931.73	734.11
27 14 13 16-0560	MLF	6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,161.45	780.62
27 14 13 16-0561	MLF	8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,439.90	872.72
27 14 13 16-0562	MLF	12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,156.60	1,149.96
27 14 13 16-0563	MLF	24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,018.49	1,698.94
27 14 13 16-0564	MLF	1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,021.86	564.49

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0565		MLF	2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,156.56	584.55
27 14 13 16-0566		MLF	3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,287.20	604.61
27 14 13 16-0567		MLF	4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,371.19	625.59
27 14 13 16-0568		MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,490.74	667.54
27 14 13 16-0569		MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,624.19	709.48
27 14 13 16-0570		MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,818.91	793.38
27 14 13 16-0571		MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,499.87	1,045.99
27 14 13 16-0572		MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,790.66	1,544.83
27 14 13 16-0573		MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,988.92	1,581.31
27 14 13 16-0574		MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,700.78	1,841.20
27 14 13 16-0575		MLF	40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,069.15	1,970.70
27 14 13 16-0576		MLF	50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,125.36	2,463.15
27 14 13 16-0577		MLF	100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,263.67	3,242.85
27 14 13 16-0578		MLF	250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	15,907.74	5,973.20
27 14 13 16-0579		MLF	500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	23,826.74	7,904.69
27 14 13 16-0580		MLF	750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	31,789.23	9,961.11
27 14 13 16-0581		MLF	1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	44,701.80	13,663.57
27 14 13 16-0582		MLF	1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	992.44	564.49
27 14 13 16-0583		MLF	2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,090.76	584.55
27 14 13 16-0584		MLF	3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,186.49	604.61
27 14 13 16-0585		MLF	4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,252.70	625.59
27 14 13 16-0586		MLF	5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,354.48	667.54
27 14 13 16-0587		MLF	6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,464.81	709.48
27 14 13 16-0588		MLF	8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,639.97	793.38
27 14 13 16-0589		MLF	12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,227.06	1,045.99
27 14 13 16-0590		MLF	24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,352.41	1,544.83
27 14 13 16-0591		MLF	25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,501.25	1,581.31
27 14 13 16-0592		MLF	36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,129.61	1,841.20
27 14 13 16-0593		MLF	40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,426.20	1,970.70
27 14 13 16-0594		MLF	50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,397.23	2,463.15
27 14 13 16-0595		MLF	100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,233.31	3,242.85
27 14 13 16-0596		MLF	250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	13,727.23	5,973.20
27 14 13 16-0597		MLF	500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	19,977.01	7,904.69
27 14 13 16-0598		MLF	750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	26,301.86	9,961.11
27 14 13 16-0599		MLF	1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	36,779.78	13,663.57

27 14 13 16-0600 Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 14 13 16-0276)*

27 14 13 16-0601		MLF	1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,360.43	704.92
27 14 13 16-0602		MLF	2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,549.05	730.46
27 14 13 16-0603		MLF	3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,667.52	755.99
27 14 13 16-0604		MLF	4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,825.17	781.53
27 14 13 16-0605		MLF	5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,015.67	833.51
27 14 13 16-0606		MLF	6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,204.33	886.40
27 14 13 16-0607		MLF	8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,648.17	992.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0608	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,441.28	1,306.81
27 14 13 16-0609	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,131.35	1,930.57
27 14 13 16-0610	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,191.34	620.11
27 14 13 16-0611	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,353.40	642.91
27 14 13 16-0612	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,455.83	665.71
27 14 13 16-0613	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,590.80	687.60
27 14 13 16-0614	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,755.04	734.11
27 14 13 16-0615	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,918.38	780.62
27 14 13 16-0616	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,300.15	872.72
27 14 13 16-0617	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,990.16	1,149.96
27 14 13 16-0618	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,457.72	1,698.94
27 14 13 16-0619	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,051.17	564.49
27 14 13 16-0620	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,190.77	584.55
27 14 13 16-0621	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,289.56	604.61
27 14 13 16-0622	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,466.29	625.59
27 14 13 16-0623	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,625.29	667.54
27 14 13 16-0624	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,924.67	709.48
27 14 13 16-0625	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,151.33	793.38
27 14 13 16-0626	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,724.79	1,045.99
27 14 13 16-0627	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,104.90	1,544.83
27 14 13 16-0628	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,337.71	1,581.31
27 14 13 16-0629	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,154.65	1,841.20
27 14 13 16-0630	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,529.00	1,970.70
27 14 13 16-0631	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,646.11	2,463.15
27 14 13 16-0632	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,000.60	3,242.85
27 14 13 16-0633	MLF	250 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	17,467.78	5,973.20
27 14 13 16-0634	MLF	500 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	26,580.79	7,904.69
27 14 13 16-0635	MLF	750 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	35,714.38	9,961.11
27 14 13 16-0636	MLF	1200 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	50,368.49	13,662.66
27 14 13 16-0637	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,011.19	564.49
27 14 13 16-0638	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,112.65	584.55
27 14 13 16-0639	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,188.00	604.61
27 14 13 16-0640	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,313.53	625.59
27 14 13 16-0641	MLF	5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Plenum Rated, Non-Shielded	1,440.54	667.54
27 14 13 16-0642	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,657.03	709.48
27 14 13 16-0643	MLF	8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,852.62	793.38
27 14 13 16-0644	MLF	12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,370.93	1,045.99
27 14 13 16-0645	MLF	24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,553.43	1,544.83
27 14 13 16-0646	MLF	25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,724.36	1,581.31
27 14 13 16-0647	MLF	36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,403.02	1,841.20
27 14 13 16-0648	MLF	40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,720.36	1,970.70
27 14 13 16-0649	MLF	50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,730.35	2,463.15
27 14 13 16-0650	MLF	100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,704.71	3,242.85
27 14 13 16-0651	MLF	250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	14,725.08	5,973.20
27 14 13 16-0652	MLF	500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	21,738.75	7,904.69

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0653		MLF	750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	28,813.05	9,961.11
27 14 13 16-0654		MLF	1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	40,405.36	13,663.57

27 14 13 16-0655 Sound System Cables *(27 14 13 16)*

Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.

27 14 13 16-0656 Speaker/Communications And Control Cable, Installed Exposed *(27 14 13 16-0655)*

27 14 13 16-0657 Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 14 13 16-0656)*

27 14 13 16-0658		MLF	2/c #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,475.38	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0659		MLF	2/c #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,408.38	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0660		MLF	2/c #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,356.69	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0661		MLF	4/c #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,413.22	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0662		MLF	4/c #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,594.88	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0663		MLF	6/c #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,775.94	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0664		MLF	4/c #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,595.64	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0665		MLF	4/c #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,508.41	638.35
			For Work In Restricted Working Space, Add	*383.02*	

27 14 13 16-0666 Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 14 13 16-0656)*

27 14 13 16-0667		MLF	2/c #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,503.07	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0668		MLF	2/c #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,425.99	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0669		MLF	2/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,382.35	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0670		MLF	4/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,455.16	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0671		MLF	8/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,608.97	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0672		MLF	2/c #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,592.00	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0673		MLF	2/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,485.38	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0674		MLF	4/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,666.62	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0675		MLF	6/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,847.36	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0676		MLF	2/c #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,404.23	638.35
			For Work In Restricted Working Space, Add	*383.02*	
27 14 13 16-0677		MLF	2/c #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,440.25	638.35
			For Work In Restricted Working Space, Add	*383.02*	

27 14 13 16-0678 Speaker/Communications And Control Cable, Installed In Conduit *(27 14 13 16-0655)*

27 14 13 16-0679 Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 14 13 16-0678)*

27 14 13 16-0680		MLF	2/c #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	837.01	319.18
27 14 13 16-0681		MLF	2/c #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	770.01	319.18
27 14 13 16-0682		MLF	2/c #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	718.32	319.18
27 14 13 16-0683		MLF	4/c #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	774.85	319.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0684	MLF	4/c #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	956.51	319.18
27 14 13 16-0685	MLF	6/c #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,137.57	319.18
27 14 13 16-0686	MLF	4/c #20AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	957.27	319.18
27 14 13 16-0687	MLF	4/c #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	870.04	319.18

27 14 13 16-0688 Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 14 13 16-0678)*

27 14 13 16-0689	MLF	2/c #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	864.70	319.18
27 14 13 16-0690	MLF	2/c #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	787.62	319.18
27 14 13 16-0691	MLF	2/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	743.98	319.18
27 14 13 16-0692	MLF	4/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	816.79	319.18
27 14 13 16-0693	MLF	8/c #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	970.60	319.18
27 14 13 16-0694	MLF	2/c #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	953.63	319.18
27 14 13 16-0695	MLF	2/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	847.01	319.18
27 14 13 16-0696	MLF	4/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,028.25	319.18
27 14 13 16-0697	MLF	6/c #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,208.99	319.18
27 14 13 16-0698	MLF	2/c #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	801.88	319.18
27 14 13 16-0699	MLF	2/c #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	765.86	319.18

27 14 23 Communications Optical Fiber Cabling *(27 14)*

27 14 23 13 Communications Optical Fiber Splicing And Terminations *(27 14 23)*

27 14 23 13-0001 Fiber Optic Cable Splice Closures *(27 14 23 13)*

Note: Includes mounting hardware. Excludes splicing and splice trays.

27 14 23 13-0002	EA	Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	619.81	99.76
27 14 23 13-0003	EA	Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	819.31	199.50
27 14 23 13-0004	EA	Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	819.31	199.50
27 14 23 13-0005	EA	Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	1,000.12	99.76
27 14 23 13-0006	EA	Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,199.62	199.50
27 14 23 13-0007	EA	Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,199.62	199.50
27 14 23 13-0008	EA	Splice Tray For Fiber Optic Cable Splice Closure Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.	46.13	12.47

27 14 23 13-0009 Fiber Optic Cable Splicing *(27 14 23 13)*

27 14 23 13-0010	EA	Single Strand, Fusion Splice Of Fiber Optic Cable	29.93
27 14 23 13-0011	EA	12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable	99.76

27 14 23 13-0012 Fiber Optic Cable Testing *(27 14 23 13)*

Note: Price based on testing one wavelength.

27 14 23 13-0013 Fiber Optic Cable Testing Using An OTDR *(27 14 23 13-0012)*

Note: Testing using an optical time domain reflectometer.

27 14 23 13-0014	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	19.95
		For >12 To 48 Strands, Deduct	*-1.50*
		For >48 Strands, Deduct	*-2.00*
27 14 23 13-0015	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	29.93
		For >12 To 48 Strands, Deduct	*-2.24*
		For >48 Strands, Deduct	*-2.99*
27 14 23 13-0016	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	49.87
		For >12 To 48 Strands, Deduct	*-3.74*
		For >48 Strands, Deduct	*-4.99*
27 14 23 13-0017	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	74.81
		For >12 To 48 Strands, Deduct	*-5.61*
		For >48 Strands, Deduct	*-7.48*

27 14 23 13-0018 Fiber Optic Cable Testing Using A Power Meter *(27 14 23 13-0012)*

27 14 23 13-0019	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	19.95
		For >12 To 48 Strands, Deduct	*-1.50*
		For >48 Strands, Deduct	*-2.00*
27 14 23 13-0020	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	29.93
		For >12 To 48 Strands, Deduct	*-2.24*
		For >48 Strands, Deduct	*-2.99*

27 14 23 13-0021 Fiber Optic Cable Light Source/Continuity Testing *(27 14 23 13-0012)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 13-0022	EA	Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	19.95	
		For >12 To 48 Strands, Deduct	*-1.50*	
		For >48 Strands, Deduct	*-2.00*	
27 14 23 13-0023		Other Fiber Optic Cable Splicing *(27 14 23 13)*		
27 14 23 13-0024	EA	Fiber Optic Finger Splice	33.04	18.75
27 14 23 13-0025	EA	Fiber Optic Splice Box - Manholes	4,611.37	
27 14 23 13-0026		Fiber Optic Cable Fan Out Kits *(27 14 23 13)*		
27 14 23 13-0027		Buffer Tube Fan Out Kits For Fiber Optic Cable *(27 14 23 13-0026)*		
27 14 23 13-0028	EA	6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	214.01	
27 14 23 13-0029	EA	12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	216.78	
27 14 23 13-0030	EA	6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	240.19	
27 14 23 13-0031	EA	12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	257.74	
27 14 23 13-0032		Spider Fan Out Kits For Fiber Optic Cable *(27 14 23 13-0026)*		
		Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.		
27 14 23 13-0033	EA	6-Fiber, Spider Fan Out Kit For Fiber Optic Cable	248.15	
27 14 23 13-0034	EA	12-Fiber, Spider Fan Out Kit For Fiber Optic Cable	266.75	
27 14 23 13-0035	EA	18-Fiber, Spider Fan Out Kit For Fiber Optic Cable	390.84	
27 14 23 13-0036	EA	24-Fiber, Spider Fan Out Kit For Fiber Optic Cable	509.18	
27 14 23 16		**Communications Optical Fiber Cabling** *(27 14 23)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 14 23 16-0001		Indoor Fiber Optic Cable *(27 14 23 16)*		
		Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.		
27 14 23 16-0002		Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0001)*		
		Note: Excludes conduit or innerduct.		
27 14 23 16-0003		Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0002)*		
27 14 23 16-0004		Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0003)*		
27 14 23 16-0005		Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0004)*		
27 14 23 16-0006	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	878.81	359.11
27 14 23 16-0007	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	963.28	359.11
27 14 23 16-0008	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	991.49	359.11
27 14 23 16-0009	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,091.93	359.11
		For Aluminum Armored Cable, Add	*886.13*	
		For Steel Armored Cable, Add	*3,180.84*	
27 14 23 16-0010	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,120.73	359.11
27 14 23 16-0011	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,294.81	359.11
		For Aluminum Armored Cable, Add	*953.58*	
		For Steel Armored Cable, Add	*3,494.50*	
27 14 23 16-0012	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,237.14	418.96
27 14 23 16-0013	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,167.04	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*932.12*	
		For Steel Armored Cable, Add	*6,062.44*	
27 14 23 16-0014	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,873.77	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*889.07*	
		For Steel Armored Cable, Add	*6,342.88*	
27 14 23 16-0015	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,010.84	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*935.94*	
		For Steel Armored Cable, Add	*6,631.37*	
27 14 23 16-0016	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,875.22	418.96
27 14 23 16-0017	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,105.08	418.96
27 14 23 16-0018	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,314.18	418.96
27 14 23 16-0019	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,492.41	478.81
27 14 23 16-0020	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,141.21	478.81
27 14 23 16-0021		50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0004)*		
27 14 23 16-0022	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	903.13	359.11
27 14 23 16-0023	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	950.51	359.11
27 14 23 16-0024	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,159.51	359.11
27 14 23 16-0025	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,379.51	359.11
		For Aluminum Armored Cable, Add	*944.74*	
		For Steel Armored Cable, Add	*1,208.86*	
27 14 23 16-0026	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,588.51	359.11

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0027	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,017.51	359.11
		For Aluminum Armored Cable, Add	*1,021.22*	
		For Steel Armored Cable, Add	*1,365.36*	
27 14 23 16-0028	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,227.26	418.96
27 14 23 16-0029	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,778.26	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*704.27*	
		For Steel Armored Cable, Add	*704.27*	
27 14 23 16-0030	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,318.26	418.96
27 14 23 16-0031	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,858.26	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*1,256.30*	
27 14 23 16-0032	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,398.26	418.96
27 14 23 16-0033	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,938.26	418.96
27 14 23 16-0034	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,029.26	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*5,421.08*	
27 14 23 16-0035	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,209.01	478.81
27 14 23 16-0036	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,289.01	478.81

27 14 23 16-0037 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0004)*

27 14 23 16-0038	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	918.36	359.11
27 14 23 16-0039	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	968.11	359.11
27 14 23 16-0040	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,187.56	359.11
27 14 23 16-0041	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,418.56	359.11
27 14 23 16-0042	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,638.01	359.11
27 14 23 16-0043	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,088.46	359.11
27 14 23 16-0044	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,303.71	418.96
27 14 23 16-0045	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,932.26	418.96
27 14 23 16-0046	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,549.26	418.96
27 14 23 16-0047	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,166.26	418.96
27 14 23 16-0048	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,783.26	418.96
27 14 23 16-0049	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,400.26	418.96
27 14 23 16-0050	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,645.81	418.96
27 14 23 16-0051	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,979.56	478.81
27 14 23 16-0052	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,213.56	478.81

27 14 23 16-0053 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0003)*

27 14 23 16-0054 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0053)*

27 14 23 16-0055	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,661.73	359.11
27 14 23 16-0056	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,976.77	359.11
27 14 23 16-0057	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,669.85	359.11
27 14 23 16-0058	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,000.61	359.11
27 14 23 16-0059	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,253.98	359.11
27 14 23 16-0060	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,541.88	418.96
27 14 23 16-0061	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,993.66	418.96
27 14 23 16-0062	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,873.57	418.96
27 14 23 16-0063	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,118.19	418.96

27 14 23 16-0064 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0053)*

27 14 23 16-0065	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,790.13	359.11
27 14 23 16-0066	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,165.85	359.11
27 14 23 16-0067	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,785.31	359.11
27 14 23 16-0068	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,706.01	359.11
27 14 23 16-0069	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,085.81	359.11

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0070	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,456.86	418.96
27 14 23 16-0071	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,832.21	418.96
27 14 23 16-0072	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,780.06	418.96
27 14 23 16-0073	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,830.26	418.96

27 14 23 16-0074 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0053)*

27 14 23 16-0075	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,849.71	359.11
27 14 23 16-0076	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,244.21	359.11
27 14 23 16-0077	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,894.65	359.11
27 14 23 16-0078	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,861.39	359.11
27 14 23 16-0079	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,260.17	359.11
27 14 23 16-0080	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,694.79	418.96
27 14 23 16-0081	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,138.91	418.96
27 14 23 16-0082	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,134.15	418.96
27 14 23 16-0083	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,386.86	418.96

27 14 23 16-0084 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0002)*

27 14 23 16-0085 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0084)*

27 14 23 16-0086 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0085)*

27 14 23 16-0087	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	876.41	359.11
27 14 23 16-0088	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	880.61	359.11
27 14 23 16-0089	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,100.76	359.11
27 14 23 16-0090	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,126.52	359.11
		For Aluminum Armored Cable, Add	*988.85*	
		For Steel Armored Cable, Add	*3,539.79*	
27 14 23 16-0091	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,256.20	359.11
27 14 23 16-0092	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,280.46	359.11
		For Aluminum Armored Cable, Add	*1,046.17*	
		For Steel Armored Cable, Add	*3,772.00*	
27 14 23 16-0093	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,921.46	418.96
27 14 23 16-0094	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,755.16	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*370.52*	
		For Steel Armored Cable, Add	*3,400.82*	
27 14 23 16-0095	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,961.87	418.96
27 14 23 16-0096	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,117.31	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*481.25*	
		For Steel Armored Cable, Add	*3,872.02*	
27 14 23 16-0097	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,382.31	418.96
27 14 23 16-0098	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,732.93	418.96
27 14 23 16-0099	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,539.79	418.96

27 14 23 16-0100 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0085)*

27 14 23 16-0101	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	901.49	359.11
27 14 23 16-0102	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,021.24	359.11
27 14 23 16-0103	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,280.21	359.11
27 14 23 16-0104	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,544.37	359.11
		For Aluminum Armored Cable, Add	*782.39*	
		For Steel Armored Cable, Add	*1,104.93*	
27 14 23 16-0105	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,797.49	359.11
27 14 23 16-0106	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,017.41	359.11
		For Aluminum Armored Cable, Add	*999.34*	
		For Steel Armored Cable, Add	*1,365.46*	
27 14 23 16-0107	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,550.02	418.96
27 14 23 16-0108	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,428.42	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*1,480.05*	
		For Steel Armored Cable, Add	*1,480.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0109	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,293.50	418.96
27 14 23 16-0110	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,158.58	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*1,410.22*	
27 14 23 16-0111	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,023.66	418.96
27 14 23 16-0112	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,888.74	418.96
27 14 23 16-0113	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,632.22	418.96
		For Aluminum Armored Cable With Sub-Units, Add	*2,818.12*	

27 14 23 16-0114 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0085)*

27 14 23 16-0115	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	916.64	359.11
27 14 23 16-0116	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,042.38	359.11
27 14 23 16-0117	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,314.30	359.11
27 14 23 16-0118	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,591.67	359.11
27 14 23 16-0119	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,857.44	359.11
27 14 23 16-0120	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,088.35	359.11
27 14 23 16-0121	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,642.61	418.96
27 14 23 16-0122	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,614.93	418.96
27 14 23 16-0123	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,573.26	418.96
27 14 23 16-0124	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,531.60	418.96
27 14 23 16-0125	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,489.93	418.96
27 14 23 16-0126	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,448.26	418.96
27 14 23 16-0127	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,378.92	418.96

27 14 23 16-0128 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0084)*

27 14 23 16-0129 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0128)*

27 14 23 16-0130	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,625.20	359.11
27 14 23 16-0131	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,008.51	359.11
27 14 23 16-0132	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,929.98	359.11
27 14 23 16-0133	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,833.05	359.11
27 14 23 16-0134	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,274.33	359.11
27 14 23 16-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,952.10	418.96
27 14 23 16-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,921.01	418.96
27 14 23 16-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,636.06	418.96
27 14 23 16-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,516.21	418.96

27 14 23 16-0139 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0128)*

27 14 23 16-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,988.06	359.11
27 14 23 16-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,685.88	359.11
27 14 23 16-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,931.46	359.11
27 14 23 16-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,566.28	359.11
27 14 23 16-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,509.99	359.11
27 14 23 16-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,931.26	418.96
27 14 23 16-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,748.15	418.96
27 14 23 16-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,512.11	418.96
27 14 23 16-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,283.30	418.96

27 14 23 16-0149 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0128)*

27 14 23 16-0150	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,107.54	359.11

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0151	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,840.25	359.11
27 14 23 16-0152	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,148.11	359.11
27 14 23 16-0153	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,814.67	359.11
27 14 23 16-0154	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,755.56	359.11
27 14 23 16-0155	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,342.91	418.96
27 14 23 16-0156	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,150.65	418.96
27 14 23 16-0157	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,052.81	418.96
27 14 23 16-0158	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,162.55	418.96

27 14 23 16-0159 Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0001)*

Note: For non-conduit installations such as cable trays, surface runways, etc.

27 14 23 16-0160 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0159)*

27 14 23 16-0161 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0160)*

27 14 23 16-0162 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0161)*

27 14 23 16-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,078.31	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,162.78	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0165	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,190.99	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0166	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,291.43	478.81
		For Aluminum Armored Cable, Add	*886.13*	
		For Steel Armored Cable, Add	*3,180.84*	
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0167	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,320.23	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0168	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,494.31	478.81
		For Aluminum Armored Cable, Add	*953.58*	
		For Steel Armored Cable, Add	*3,494.50*	
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0169	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,436.65	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0170	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,366.55	538.66
		For Aluminum Armored Cable With Sub-Units, Add	*932.12*	
		For Steel Armored Cable, Add	*6,062.44*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0171	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,073.28	538.66
		For Aluminum Armored Cable With Sub-Units, Add	*889.07*	
		For Steel Armored Cable, Add	*6,342.88*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0172	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,210.35	538.66
		For Aluminum Armored Cable With Sub-Units, Add	*935.94*	
		For Steel Armored Cable, Add	*6,631.37*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0173	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,074.73	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0174	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,304.59	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0175	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,513.69	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0176	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,691.91	598.51
		For Work In Restricted Working Space, Add	*299.25*	
27 14 23 16-0177	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,340.71	598.51
		For Work In Restricted Working Space, Add	*299.25*	

27 14 23 16-0178 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0161)*

27 14 23 16-0179	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,102.63	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0180	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,150.01	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0181	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,359.01	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0182	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,579.01	478.81
		For Aluminum Armored Cable, Add	*944.74*	
		For Steel Armored Cable, Add	*1,208.86*	
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0183	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,788.01	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0184	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,217.01	478.81
		For Aluminum Armored Cable, Add	*1,021.22*	
		For Steel Armored Cable, Add	*1,365.36*	
		For Work In Restricted Working Space, Add	*239.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0185	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,426.77	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0186	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,977.77	538.66
		For Aluminum Armored Cable With Sub-Units, Add	*704.27*	
		For Steel Armored Cable, Add	*704.27*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0187	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,517.77	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0188	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,057.77	538.66
		For Aluminum Armored Cable With Sub-Units, Add	*1,256.30*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0189	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,597.77	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0190	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,137.77	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0191	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,228.77	538.66
		For Aluminum Armored Cable With Sub-Units, Add	*5,421.08*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0192	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,408.51	598.51
		For Work In Restricted Working Space, Add	*299.25*	
27 14 23 16-0193	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,488.51	598.51
		For Work In Restricted Working Space, Add	*299.25*	

27 14 23 16-0194 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0161)*

27 14 23 16-0195	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,117.86	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0196	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,167.61	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0197	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,387.06	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0198	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,618.06	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0199	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,837.51	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0200	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,287.96	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0201	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,503.22	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0202	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,131.77	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0203	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,748.77	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0204	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,365.77	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0205	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,982.77	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0206	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,599.77	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0207	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,845.32	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0208	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,179.06	598.51
		For Work In Restricted Working Space, Add	*299.25*	
27 14 23 16-0209	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,413.06	598.51
		For Work In Restricted Working Space, Add	*299.25*	

27 14 23 16-0210 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0160)*

27 14 23 16-0211 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0210)*

27 14 23 16-0212	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,861.23	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0213	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,176.27	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0214	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,869.35	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0215	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,200.11	478.81
		For Work In Restricted Working Space, Add	*239.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0216		MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,453.48	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0217		MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,741.39	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0218		MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,193.17	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0219		MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,073.08	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0220		MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,317.70	538.66
			For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0221 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0210)*

27 14 23 16-0222		MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,989.63	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0223		MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,365.35	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0224		MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,984.81	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0225		MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,905.51	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0226		MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,285.31	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0227		MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,656.37	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0228		MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,031.72	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0229		MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,979.57	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0230		MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,029.77	538.66
			For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0231 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0210)*

27 14 23 16-0232		MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,049.21	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0233		MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,443.71	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0234		MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,094.15	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0235		MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,060.89	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0236		MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,459.67	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0237		MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,894.30	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0238		MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,338.42	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0239		MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,333.66	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0240		MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,586.37	538.66
			For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0241 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0159)*

27 14 23 16-0242 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0241)*

27 14 23 16-0243 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0242)*

27 14 23 16-0244		MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,075.91	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0245		MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,080.11	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0246		MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,300.26	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0247		MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,326.02	478.81
			For Aluminum Armored Cable, Add	*988.85*	
			For Steel Armored Cable, Add	*3,539.79*	
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0248		MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,455.70	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0249		MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,479.96	478.81
			For Aluminum Armored Cable, Add	*1,046.17*	
			For Steel Armored Cable, Add	*3,772.00*	
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0250		MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,120.97	538.66
			For Work In Restricted Working Space, Add	*269.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0251	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,954.67	538.66
		For Aluminum Armored Cable With Sub-Units, Add	*370.52*	
		For Steel Armored Cable, Add	*3,400.82*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0252	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,161.38	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0253	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,316.82	538.66
		For Aluminum Armored Cable With Sub-Units, Add	*481.25*	
		For Steel Armored Cable, Add	*3,872.02*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0254	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,581.82	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0255	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,932.44	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0256	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,739.30	538.66
		For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0257 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0242)*

27 14 23 16-0258	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,100.99	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0259	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,220.74	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0260	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,479.71	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0261	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,743.87	478.81
		For Aluminum Armored Cable, Add	*782.39*	
		For Steel Armored Cable, Add	*1,104.93*	
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0262	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,996.99	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0263	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,216.91	478.81
		For Aluminum Armored Cable, Add	*999.34*	
		For Steel Armored Cable, Add	*1,365.46*	
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0264	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,749.53	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0265	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,627.93	538.66
		For Aluminum Armored Cable With Sub-Units, Add	*1,480.05*	
		For Steel Armored Cable, Add	*1,480.05*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0266	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,493.01	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0267	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,358.09	538.66
		For Aluminum Armored Cable With Sub-Units, Add	*1,410.22*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0268	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,223.17	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0269	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,088.25	538.66
		For Work In Restricted Working Space, Add	*269.33*	
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0270	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,831.73	538.66
		For Work In Restricted Working Space, Add	*269.33*	
		For Aluminum Armored Cable With Sub-Units, Add	*2,818.12*	
		For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0271 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0242)*

27 14 23 16-0272	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,116.14	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0273	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,241.88	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0274	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,513.80	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,791.17	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,056.94	478.81
		For Work In Restricted Working Space, Add	*239.40*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0277		MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,287.85	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0278		MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,842.12	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0279		MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,814.44	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0280		MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,772.77	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0281		MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,731.11	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0282		MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,689.44	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0283		MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,647.77	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0284		MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,578.43	538.66
			For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0285 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0241)*

27 14 23 16-0286 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0285)*

27 14 23 16-0287		MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,824.70	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0288		MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,208.01	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0289		MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,129.48	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0290		MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,032.55	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0291		MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,473.83	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0292		MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,151.61	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0293		MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,120.52	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0294		MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,835.57	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0295		MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,715.72	538.66
			For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0296 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0285)*

27 14 23 16-0297		MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,187.56	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0298		MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,885.38	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0299		MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,130.96	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0300		MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,765.78	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0301		MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,709.49	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0302		MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,130.77	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0303		MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,947.66	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0304		MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,711.62	538.66
			For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0305		MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,482.81	538.66
			For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0306 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0285)*

27 14 23 16-0307		MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,307.04	478.81
			For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0308		MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,039.75	478.81
			For Work In Restricted Working Space, Add	*239.40*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0309	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,347.61	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0310	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,014.17	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0311	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,955.06	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0312	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,542.42	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0313	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,350.16	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0314	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,252.32	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0315	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,362.06	538.66
		For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0316 Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0001)*

Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.

27 14 23 16-0317 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0316)*

27 14 23 16-0318	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,285.03	359.11
27 14 23 16-0319	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,213.51	359.11
27 14 23 16-0320	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	5,172.18	418.96
27 14 23 16-0321	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	8,189.54	418.96

27 14 23 16-0322 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0316)*

27 14 23 16-0323	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,541.89	359.11
27 14 23 16-0324	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,249.65	359.11
27 14 23 16-0325	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	6,150.64	418.96
27 14 23 16-0326	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	10,655.13	418.96

27 14 23 16-0327 Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0001)*

Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.

27 14 23 16-0328 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0327)*

27 14 23 16-0329	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,484.53	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0330	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,413.01	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0331	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	5,371.69	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0332	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	8,389.05	538.66
		For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0333 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 14 23 16-0327)*

27 14 23 16-0334	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,741.39	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0335	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,449.15	478.81
		For Work In Restricted Working Space, Add	*239.40*	
27 14 23 16-0336	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	6,350.15	538.66
		For Work In Restricted Working Space, Add	*269.33*	
27 14 23 16-0337	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	10,854.64	538.66
		For Work In Restricted Working Space, Add	*269.33*	

27 14 23 16-0338 Outdoor Fiber Optic Cable *(27 14 23 16)*

Note: Cable buried in trench excludes excavation.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0339		Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0338)* Note: Excludes conduit or innerduct.		
27 14 23 16-0340		Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0339)*		
27 14 23 16-0341		Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0340)*		
27 14 23 16-0342	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,700.08	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*245.73*	
27 14 23 16-0343	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,730.67	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*247.76*	
27 14 23 16-0344	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,761.31	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*249.73*	
27 14 23 16-0345	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,791.92	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*252.12*	
27 14 23 16-0346	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,852.75	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*228.14*	
27 14 23 16-0347	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,977.18	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*254.18*	
27 14 23 16-0348	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,041.14	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*200.10*	
27 14 23 16-0349	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,060.87	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*233.89*	
27 14 23 16-0350	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,426.93	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*257.31*	
27 14 23 16-0351	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,628.74	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*257.29*	
27 14 23 16-0352	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,890.58	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*304.09*	
27 14 23 16-0353	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,351.54	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*291.96*	
27 14 23 16-0354	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,855.20	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*354.52*	
27 14 23 16-0355	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,382.34	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*237.32*	
27 14 23 16-0356		50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0340)*		
27 14 23 16-0357	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,011.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*44.00*	
27 14 23 16-0358	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,057.22	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*74.80*	
27 14 23 16-0359	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,154.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*121.00*	
27 14 23 16-0360	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,286.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*22.00*	
27 14 23 16-0361	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,341.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*44.00*	
27 14 23 16-0362	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,528.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*66.00*	
27 14 23 16-0363	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,924.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*44.00*	
27 14 23 16-0364	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,507.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*132.00*	
27 14 23 16-0365	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,156.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*44.00*	
27 14 23 16-0366	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,607.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*132.00*	
27 14 23 16-0367	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,190.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*517.00*	
27 14 23 16-0368	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,543.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*176.00*	
27 14 23 16-0369	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,885.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*209.00*	
27 14 23 16-0370	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,227.02	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*253.00*	
27 14 23 16-0371		62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0340)*		
27 14 23 16-0372	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,487.81	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*105.08*	
27 14 23 16-0373	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,588.84	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*112.69*	
27 14 23 16-0374	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,689.71	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*120.11*	
27 14 23 16-0375	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,814.33	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*136.74*	
27 14 23 16-0376	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,992.80	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*142.59*	
27 14 23 16-0377	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,308.32	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*151.97*	
27 14 23 16-0378	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,607.21	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*174.76*	
27 14 23 16-0379	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,179.23	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*194.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0380	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,848.30	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*223.29*	
27 14 23 16-0381	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,466.27	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*240.27*	
27 14 23 16-0382	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,118.51	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*271.95*	
27 14 23 16-0383	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,437.69	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*305.77*	
27 14 23 16-0384	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,778.04	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*347.02*	
27 14 23 16-0385	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,139.08	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.76*	

27 14 23 16-0386 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit
(27 14 23 16-0339)

27 14 23 16-0387 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0386)*

27 14 23 16-0388	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,875.27	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*194.18*	
27 14 23 16-0389	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,934.92	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.71*	
27 14 23 16-0390	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,952.83	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*267.11*	
27 14 23 16-0391	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,024.29	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*222.36*	
27 14 23 16-0392	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,046.59	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*265.75*	
27 14 23 16-0393	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,146.74	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*252.05*	
27 14 23 16-0394	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,236.53	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*255.04*	
27 14 23 16-0395	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,379.78	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*323.42*	
27 14 23 16-0396	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,581.59	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*327.64*	
27 14 23 16-0397	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,782.63	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*339.43*	
27 14 23 16-0398	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,055.17	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*291.97*	
27 14 23 16-0399	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,496.03	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*380.77*	
27 14 23 16-0400	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,072.79	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*374.94*	
27 14 23 16-0401	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,544.77	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*299.50*	

27 14 23 16-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0386)*

27 14 23 16-0403	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,076.38	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*274.80*	
27 14 23 16-0404	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,285.23	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*153.89*	
27 14 23 16-0405	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,560.03	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*32.98*	
27 14 23 16-0406	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,691.93	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*54.96*	
27 14 23 16-0407	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,823.84	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*54.96*	
27 14 23 16-0408	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,131.61	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*65.95*	
27 14 23 16-0409	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,406.41	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*252.82*	
27 14 23 16-0410	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,999.98	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*494.64*	
27 14 23 16-0411	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,593.55	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*824.40*	
27 14 23 16-0412	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,088.19	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*906.84*	
27 14 23 16-0413	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,736.72	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,154.16*	
27 14 23 16-0414	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,088.73	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,703.76*	
27 14 23 16-0415	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,770.24	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,286.06*	
27 14 23 16-0416	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,517.96	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,132.72*	

27 14 23 16-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0386)*

27 14 23 16-0418	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,556.03	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*131.90*	
27 14 23 16-0419	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,654.96	718.22
		For Corrugated Coated Steel Tape Armored Cable, Add	*142.59*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0420		MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,753.72	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*153.26*	
27 14 23 16-0421		MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,852.65	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*163.92*	
27 14 23 16-0422		MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,108.92	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*176.31*	
27 14 23 16-0423		MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,360.21	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*206.61*	
27 14 23 16-0424		MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,668.12	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*224.41*	
27 14 23 16-0425		MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,264.12	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*277.27*	
27 14 23 16-0426		MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,871.26	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*317.68*	
27 14 23 16-0427		MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,480.50	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*353.76*	
27 14 23 16-0428		MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,121.10	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*394.49*	
27 14 23 16-0429		MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,421.04	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*465.16*	
27 14 23 16-0430		MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,098.90	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*480.86*	
27 14 23 16-0431		MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,082.19	718.22
			For Corrugated Coated Steel Tape Armored Cable, Add	*496.40*	

27 14 23 16-0432 Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0338)*

Note: Excludes trenching.

27 14 23 16-0433 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0432)*

27 14 23 16-0434 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0433)*

27 14 23 16-0435		MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,600.33	
			For Corrugated Coated Steel Tape Armored Cable, Add	*245.73*	
27 14 23 16-0436		MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,630.92	
			For Corrugated Coated Steel Tape Armored Cable, Add	*247.76*	
27 14 23 16-0437		MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,661.56	
			For Corrugated Coated Steel Tape Armored Cable, Add	*249.73*	
27 14 23 16-0438		MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,692.17	
			For Corrugated Coated Steel Tape Armored Cable, Add	*252.12*	
27 14 23 16-0439		MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,753.00	
			For Corrugated Coated Steel Tape Armored Cable, Add	*228.14*	
27 14 23 16-0440		MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,877.43	
			For Corrugated Coated Steel Tape Armored Cable, Add	*254.18*	
27 14 23 16-0441		MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,941.39	
			For Corrugated Coated Steel Tape Armored Cable, Add	*200.10*	
27 14 23 16-0442		MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,961.12	
			For Corrugated Coated Steel Tape Armored Cable, Add	*233.89*	
27 14 23 16-0443		MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,327.18	
			For Corrugated Coated Steel Tape Armored Cable, Add	*257.31*	
27 14 23 16-0444		MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,786.28	
			For Corrugated Coated Steel Tape Armored Cable, Add	*257.29*	
27 14 23 16-0445		MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,094.92	
			For Corrugated Coated Steel Tape Armored Cable, Add	*304.09*	
27 14 23 16-0446		MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,251.79	
			For Corrugated Coated Steel Tape Armored Cable, Add	*291.96*	
27 14 23 16-0447		MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,755.45	
			For Corrugated Coated Steel Tape Armored Cable, Add	*354.52*	
27 14 23 16-0448		MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,282.59	
			For Corrugated Coated Steel Tape Armored Cable, Add	*237.32*	

27 14 23 16-0449 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0433)*

27 14 23 16-0450		MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,911.27	
			For Corrugated Coated Steel Tape Armored Cable, Add	*44.00*	
27 14 23 16-0451		MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,957.47	
			For Corrugated Coated Steel Tape Armored Cable, Add	*74.80*	
27 14 23 16-0452		MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,054.27	
			For Corrugated Coated Steel Tape Armored Cable, Add	*121.00*	
27 14 23 16-0453		MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,186.27	
			For Corrugated Coated Steel Tape Armored Cable, Add	*22.00*	
27 14 23 16-0454		MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,241.27	
			For Corrugated Coated Steel Tape Armored Cable, Add	*44.00*	
27 14 23 16-0455		MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,428.27	
			For Corrugated Coated Steel Tape Armored Cable, Add	*66.00*	
27 14 23 16-0456		MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,824.27	
			For Corrugated Coated Steel Tape Armored Cable, Add	*44.00*	
27 14 23 16-0457		MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,407.27	
			For Corrugated Coated Steel Tape Armored Cable, Add	*132.00*	
27 14 23 16-0458		MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,056.27	
			For Corrugated Coated Steel Tape Armored Cable, Add	*44.00*	
27 14 23 16-0459		MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,507.27	
			For Corrugated Coated Steel Tape Armored Cable, Add	*132.00*	
27 14 23 16-0460		MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,090.27	
			For Corrugated Coated Steel Tape Armored Cable, Add	*517.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0461	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,443.27	
		For Corrugated Coated Steel Tape Armored Cable, Add	*176.00*	
27 14 23 16-0462	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,785.27	
		For Corrugated Coated Steel Tape Armored Cable, Add	*209.00*	
27 14 23 16-0463	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,127.27	
		For Corrugated Coated Steel Tape Armored Cable, Add	*253.00*	

27 14 23 16-0464 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0433)*

27 14 23 16-0465	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,388.06	
		For Corrugated Coated Steel Tape Armored Cable, Add	*105.08*	
27 14 23 16-0466	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,489.09	
		For Corrugated Coated Steel Tape Armored Cable, Add	*112.69*	
27 14 23 16-0467	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,589.96	
		For Corrugated Coated Steel Tape Armored Cable, Add	*120.11*	
27 14 23 16-0468	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,714.58	
		For Corrugated Coated Steel Tape Armored Cable, Add	*136.74*	
27 14 23 16-0469	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,893.05	
		For Corrugated Coated Steel Tape Armored Cable, Add	*142.59*	
27 14 23 16-0470	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,208.57	
		For Corrugated Coated Steel Tape Armored Cable, Add	*151.97*	
27 14 23 16-0471	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,507.46	
		For Corrugated Coated Steel Tape Armored Cable, Add	*174.76*	
27 14 23 16-0472	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,079.48	
		For Corrugated Coated Steel Tape Armored Cable, Add	*194.20*	
27 14 23 16-0473	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,748.55	
		For Corrugated Coated Steel Tape Armored Cable, Add	*223.29*	
27 14 23 16-0474	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,366.52	
		For Corrugated Coated Steel Tape Armored Cable, Add	*240.27*	
27 14 23 16-0475	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,018.76	
		For Corrugated Coated Steel Tape Armored Cable, Add	*271.95*	
27 14 23 16-0476	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,337.94	
		For Corrugated Coated Steel Tape Armored Cable, Add	*305.77*	
27 14 23 16-0477	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,678.29	
		For Corrugated Coated Steel Tape Armored Cable, Add	*347.02*	
27 14 23 16-0478	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,039.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*318.76*	

27 14 23 16-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0432)*

27 14 23 16-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0479)*

27 14 23 16-0481	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,775.52	
		For Corrugated Coated Steel Tape Armored Cable, Add	*194.18*	
27 14 23 16-0482	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,835.17	
		For Corrugated Coated Steel Tape Armored Cable, Add	*278.71*	
27 14 23 16-0483	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,853.08	
		For Corrugated Coated Steel Tape Armored Cable, Add	*267.11*	
27 14 23 16-0484	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,924.54	
		For Corrugated Coated Steel Tape Armored Cable, Add	*222.36*	
27 14 23 16-0485	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,946.84	
		For Corrugated Coated Steel Tape Armored Cable, Add	*265.75*	
27 14 23 16-0486	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,046.99	
		For Corrugated Coated Steel Tape Armored Cable, Add	*252.05*	
27 14 23 16-0487	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,136.78	
		For Corrugated Coated Steel Tape Armored Cable, Add	*255.04*	
27 14 23 16-0488	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,280.03	
		For Corrugated Coated Steel Tape Armored Cable, Add	*323.42*	
27 14 23 16-0489	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,481.84	
		For Corrugated Coated Steel Tape Armored Cable, Add	*327.64*	
27 14 23 16-0490	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,682.88	
		For Corrugated Coated Steel Tape Armored Cable, Add	*339.43*	
27 14 23 16-0491	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,955.42	
		For Corrugated Coated Steel Tape Armored Cable, Add	*291.97*	
27 14 23 16-0492	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,396.28	
		For Corrugated Coated Steel Tape Armored Cable, Add	*380.77*	
27 14 23 16-0493	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,973.04	
		For Corrugated Coated Steel Tape Armored Cable, Add	*374.94*	
27 14 23 16-0494	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,445.02	
		For Corrugated Coated Steel Tape Armored Cable, Add	*299.50*	

27 14 23 16-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0479)*

27 14 23 16-0496	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,976.63	
		For Corrugated Coated Steel Tape Armored Cable, Add	*274.80*	
27 14 23 16-0497	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,185.48	
		For Corrugated Coated Steel Tape Armored Cable, Add	*153.89*	
27 14 23 16-0498	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,460.28	
		For Corrugated Coated Steel Tape Armored Cable, Add	*32.98*	
27 14 23 16-0499	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,592.18	
		For Corrugated Coated Steel Tape Armored Cable, Add	*54.96*	
27 14 23 16-0500	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,724.09	
		For Corrugated Coated Steel Tape Armored Cable, Add	*54.96*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0501		MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,031.86	
			For Corrugated Coated Steel Tape Armored Cable, Add	*65.95*	
27 14 23 16-0502		MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,306.66	
			For Corrugated Coated Steel Tape Armored Cable, Add	*252.82*	
27 14 23 16-0503		MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,900.23	
			For Corrugated Coated Steel Tape Armored Cable, Add	*494.64*	
27 14 23 16-0504		MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,493.80	
			For Corrugated Coated Steel Tape Armored Cable, Add	*824.40*	
27 14 23 16-0505		MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,988.44	
			For Corrugated Coated Steel Tape Armored Cable, Add	*906.84*	
27 14 23 16-0506		MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,636.97	
			For Corrugated Coated Steel Tape Armored Cable, Add	*1,154.16*	
27 14 23 16-0507		MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,988.98	
			For Corrugated Coated Steel Tape Armored Cable, Add	*1,703.76*	
27 14 23 16-0508		MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,670.49	
			For Corrugated Coated Steel Tape Armored Cable, Add	*1,286.06*	
27 14 23 16-0509		MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	9,418.21	
			For Corrugated Coated Steel Tape Armored Cable, Add	*3,132.72*	

27 14 23 16-0510 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0479)*

27 14 23 16-0511		MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,456.28	
			For Corrugated Coated Steel Tape Armored Cable, Add	*131.90*	
27 14 23 16-0512		MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,555.21	
			For Corrugated Coated Steel Tape Armored Cable, Add	*142.59*	
27 14 23 16-0513		MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,653.97	
			For Corrugated Coated Steel Tape Armored Cable, Add	*153.26*	
27 14 23 16-0514		MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,752.90	
			For Corrugated Coated Steel Tape Armored Cable, Add	*163.92*	
27 14 23 16-0515		MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,009.17	
			For Corrugated Coated Steel Tape Armored Cable, Add	*176.31*	
27 14 23 16-0516		MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,260.46	
			For Corrugated Coated Steel Tape Armored Cable, Add	*206.61*	
27 14 23 16-0517		MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,568.37	
			For Corrugated Coated Steel Tape Armored Cable, Add	*224.41*	
27 14 23 16-0518		MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,164.37	
			For Corrugated Coated Steel Tape Armored Cable, Add	*277.27*	
27 14 23 16-0519		MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,771.51	
			For Corrugated Coated Steel Tape Armored Cable, Add	*317.68*	
27 14 23 16-0520		MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,380.75	
			For Corrugated Coated Steel Tape Armored Cable, Add	*353.76*	
27 14 23 16-0521		MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,021.35	
			For Corrugated Coated Steel Tape Armored Cable, Add	*394.49*	
27 14 23 16-0522		MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,321.29	
			For Corrugated Coated Steel Tape Armored Cable, Add	*465.16*	
27 14 23 16-0523		MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,706.25	
			For Corrugated Coated Steel Tape Armored Cable, Add	*480.86*	
27 14 23 16-0524		MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,982.44	
			For Corrugated Coated Steel Tape Armored Cable, Add	*496.40*	

27 14 23 16-0525 (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 14 23 16-0338)*

27 14 23 16-0526 Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 14 23 16-0525)*

27 14 23 16-0527 Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 14 23 16-0526)*

27 14 23 16-0528		MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,768.02	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*164.35*	
27 14 23 16-0529		MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,798.42	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*168.61*	
27 14 23 16-0530		MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,829.22	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*172.75*	
27 14 23 16-0531		MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,859.62	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*169.44*	
27 14 23 16-0532		MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,920.44	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*197.54*	
27 14 23 16-0533		MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	8,040.54	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*205.36*	
27 14 23 16-0534		MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	8,132.13	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*226.98*	
27 14 23 16-0535		MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	8,349.91	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*217.64*	
27 14 23 16-0536		MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	8,540.35	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*252.85*	
27 14 23 16-0537		MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	8,697.79	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*242.46*	
27 14 23 16-0538		MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	8,894.19	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*277.21*	
27 14 23 16-0539		MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,409.63	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*281.55*	
27 14 23 16-0540		MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,962.65	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*335.96*	
27 14 23 16-0541		MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,095.23	2,634.71
			For Corrugated Coated Steel Tape Armored Cable, Add	*360.75*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0542		Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0338)* Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 14 23 16-0543		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0542)*		
27 14 23 16-0544	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,320.39	598.51
27 14 23 16-0545	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,210.31	598.51
27 14 23 16-0546	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	6,192.75	598.51
27 14 23 16-0547		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 14 23 16-0542)*		
27 14 23 16-0548	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,455.44	598.51
27 14 23 16-0549	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,961.18	598.51
27 14 23 16-0550	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	7,173.38	598.51
27 14 23 16-0551		Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0338)* Note: Singlemode and multimode combination cable. Excludes trenching.		
27 14 23 16-0552		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0551)*		
27 14 23 16-0553	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,220.64	548.63
27 14 23 16-0554	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,110.56	548.63
27 14 23 16-0555	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	6,093.00	548.63
27 14 23 16-0556		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 14 23 16-0551)*		
27 14 23 16-0557	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,355.69	548.63
27 14 23 16-0558	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,861.43	548.63
27 14 23 16-0559	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	7,073.63	548.63
27 14 33		**Communications Coaxial Cabling** *(27 14)*		
27 14 33 16		**Communications Coaxial Cabling** *(27 14 33)* Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 14 33 16-0001		Indoor Coaxial Cable *(27 14 33 16)*		
27 14 33 16-0002		Coaxial Distribution Cable *(27 14 33 16-0001)* Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal		
27 14 33 16-0003	MLF	RG-6/U Coaxial Distribution Cable, In Conduit	1,814.83	291.82
27 14 33 16-0004	MLF	RG-6A/U Coaxial Distribution Cable, In Conduit	6,327.80	291.82
27 14 33 16-0005	MLF	RG-8/U Coaxial Distribution Cable, In Conduit	3,409.74	308.24
27 14 33 16-0006	MLF	RG-8A/U Coaxial Distribution Cable, In Conduit	4,257.47	308.24
27 14 33 16-0007	MLF	RG-11/U Coaxial Distribution Cable, In Conduit	3,831.07	364.78
27 14 33 16-0008	MLF	RG-11A/U Coaxial Distribution Cable, In Conduit	5,470.51	364.78
27 14 33 16-0009	MLF	RG-11/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	11,696.58	510.69
27 14 33 16-0010	MLF	RG-58/U Coaxial Distribution Cable, In Conduit	1,358.11	255.35
27 14 33 16-0011	MLF	RG-58A/U Coaxial Distribution Cable, In Conduit	1,526.09	255.35
27 14 33 16-0012	MLF	RG-58C/U Coaxial Distribution Cable, In Conduit	1,822.01	255.35
27 14 33 16-0013	MLF	RG-58/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	4,393.24	510.69
27 14 33 16-0014	MLF	RG-59/U Coaxial Distribution Cable, In Conduit	2,142.91	255.35
27 14 33 16-0015	MLF	RG-59/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	5,273.70	510.69
27 14 33 16-0016	MLF	1/2" Hard Line Coaxial, In Conduit	1,868.55	364.78
27 14 33 16-0017		Coaxial, Indoor Telecommunications Cable *(27 14 33 16-0001)*		
27 14 33 16-0018		Coaxial, Indoor Telecommunications Cable, Installed In Conduit *(27 14 33 16-0017)*		
27 14 33 16-0019	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108)	1,168.61	418.96
27 14 33 16-0020	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108)	2,510.21	418.96
27 14 33 16-0021	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114)	1,024.50	478.81
27 14 33 16-0022	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120)	3,138.45	478.81
27 14 33 16-0023		Coaxial, Indoor Telecommunications Cable, Installed Exposed *(27 14 33 16-0017)*		
27 14 33 16-0024	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	1,866.88	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 33 16-0025	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	3,208.48	837.92
		For Work In Restricted Working Space, Add	*418.96*	
27 14 33 16-0026	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	1,822.52	957.62
		For Work In Restricted Working Space, Add	*478.81*	
27 14 33 16-0027	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	3,936.47	957.62
		For Work In Restricted Working Space, Add	*478.81*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 33 16-0028		Outdoor Coaxial Cable *(27 14 33 16)*		
27 14 33 16-0029		Coaxial Cables "Television" Copper Covered Aluminum Center Core *(27 14 33 16-0028)*		
		Note: Corrugated steel armor jacket.		
27 14 33 16-0030	MLF	TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial	5,281.25	1,365.36
27 14 33 16-0031	MLF	TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial	3,359.09	960.36
27 14 33 16-0032	MLF	TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial	2,765.92	566.59
27 14 33 16-0033	MLF	TV Coaxial Cable Drop 1/4" Diameter, Direct Burial	1,589.21	566.59
27 14 33 16-0034	MLF	TV Coaxial Cable Drop 1/4" Diameter, Placed In Conduit	2,386.03	885.31
27 14 43		**Communications Faceplates And Connectors** *(27 14)*		
27 14 43 00-0001		Plastic Communications Faceplates *(27 14 43)*		
		Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 43 00-0002	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID	7.48	2.50
27 14 43 00-0003	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID	7.48	2.50
27 14 43 00-0004	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID	7.48	2.50
27 14 43 00-0005	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID	7.48	2.50
27 14 43 00-0006	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID	7.48	2.50
27 14 43 00-0007	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID	11.24	2.50
27 14 43 00-0008	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID	11.24	2.50
27 14 43 00-0009	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID	11.24	2.50
27 14 43 00-0010	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID	11.24	2.50
27 14 43 00-0011	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID	11.24	2.50
27 14 43 00-0012		Stainless Steel Communications Faceplates *(27 14 43)*		
		Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 43 00-0013		Stainless Steel Communications Faceplates *(27 14 43 00-0012)*		
27 14 43 00-0014	EA	One Port, Single Gang, Stainless Steel Communications Faceplate	13.49	2.50
27 14 43 00-0015	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate	13.49	2.50
27 14 43 00-0016	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate	13.49	2.50
27 14 43 00-0017	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate	14.38	2.50
27 14 43 00-0018	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate	14.38	2.50
27 14 43 00-0019	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate	19.12	2.50
27 14 43 00-0020	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate	19.67	2.50
27 14 43 00-0021	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate	22.65	2.50
27 14 43 00-0022	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate	22.65	2.50
27 14 43 00-0023	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate	22.65	2.50
27 14 43 00-0024		Stainless Steel Communications Faceplates With Station ID *(27 14 43 00-0012)*		
27 14 43 00-0025	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	19.01	2.50
27 14 43 00-0026	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	19.01	2.50
27 14 43 00-0027	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	19.01	2.50
27 14 43 00-0028	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	19.01	2.50
27 14 43 00-0029	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	19.01	2.50
27 14 43 00-0030	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	40.07	2.50
27 14 43 00-0031	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	40.07	2.50
27 14 43 00-0032	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	40.07	2.50
27 14 43 00-0033	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID	40.07	2.50
27 14 43 00-0034	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	40.07	2.50
27 14 43 00-0035		Snap-In Modular Jacks *(27 14 43)*		
		Note: Includes termination.		
27 14 43 00-0036	EA	Cat 3, Snap-In Modular Jack	26.26	9.99
27 14 43 00-0037	EA	Cat 5E, Snap-In Modular Jack	27.47	9.99
27 14 43 00-0038	EA	Cat 5E Shielded, Snap-In Modular Jack	31.11	9.99
27 14 43 00-0039	EA	Cat 6, Snap-In Modular Jack	31.11	9.99
27 14 43 00-0040	EA	Cat 6 Shielded, Snap-In Modular Jack	35.19	9.99
27 14 43 00-0041	EA	Cat 6A, Snap-In Modular Jack	35.81	9.99
27 14 43 00-0042	EA	Voice, RJ-11, Snap-In Modular Jack	17.15	5.00
27 14 43 00-0043	EA	SC Type Fiber Optic, Snap-In Modular Jack	29.01	9.99
27 14 43 00-0044	EA	ST Type Fiber Optic, Snap-In Modular Jack	32.10	9.99
27 14 43 00-0045	EA	LC Type Fiber Optic, Snap-In Modular Jack	38.17	9.99
27 14 43 00-0046	EA	Blank Fill In, Snap-In Modular Jack	5.57	2.50
27 14 43 00-0047	EA	Open Cable Pass Through Insert, Snap-In Modular Jack	6.26	2.50
27 14 43 00-0048	EA	Coaxial F-Type Coupler, Snap-In Modular Jack	21.71	7.49
		Note: Includes female to female connection.		
		For Gold Bulkhead, Add	*1.18*	
27 14 43 00-0049	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack	21.93	7.49
		Note: Includes female to female connection.		
27 14 43 00-0050	EA	RCA Solder Coupler, Snap-In Modular Jack	45.14	9.99
27 14 43 00-0051	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack	54.08	9.99
27 14 43 00-0052	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack	27.14	9.99
27 14 43 00-0053	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack	27.06	5.00
27 14 43 00-0054	EA	BNC Connector, Snap-In Modular Jack	30.78	9.99
27 14 43 00-0055	EA	S-Video With 110 Punch Down, Snap-In Modular Jack	34.09	9.99
27 14 43 00-0056	PR	Speaker Connectors, Snap-In Modular Jack	45.19	14.98
		Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.		
27 14 43 00-0057	EA	USB Audio Video Connector, Snap-In Modular Jack	49.31	9.99

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 43 00-0058		Surface Mount Plastic Communication Boxes *(27 14 43)*		
		Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 43 00-0059	EA	One Port, Surface Mount Plastic Communication Box With Station ID	28.11	12.49
27 14 43 00-0060	EA	Two Port, Surface Mount Plastic Communication Box With Station ID	28.66	12.49
27 14 43 00-0061	EA	Four Port, Surface Mount Plastic Communication Box With Station ID	32.47	12.49
27 14 43 00-0062	EA	Six Port, Surface Mount Plastic Communication Box With Station ID	36.99	12.49
27 14 43 00-0063	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID	41.74	12.49
27 14 43 00-0064		Wall Mounted Telephone Faceplates *(27 14 43)*		
		Note: Includes standard telephone mounting studs.		
27 14 43 00-0065		Plastic Faceplates For Wall Mounted Telephones *(27 14 43 00-0064)*		
27 14 43 00-0066	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones	32.38	12.47
27 14 43 00-0067		Stainless Steel Faceplates For Wall Mounted Telephones *(27 14 43 00-0064)*		
27 14 43 00-0068	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	25.42	4.99
		Note: Requires one snap-in modular jack.		
27 14 43 00-0069	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	45.80	12.47
27 14 43 00-0070	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	53.49	14.96
27 14 43 00-0071	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	24.52	4.99
		Note: Requires one snap-in modular jack.		
27 14 43 00-0072	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	41.99	12.47
27 14 43 00-0073	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	49.78	14.96
27 14 43 00-0074		Communications Equipment Labeling *(27 14 43)*		
27 14 43 00-0075	EA	Label Both Ends Of One 4 Pair Cable	19.64	
27 14 43 00-0076	EA	Label single gang face plate (2 labels required)	15.71	
27 14 43 00-0077	EA	Label two gang face plate (4 labels required)	23.56	
27 14 43 00-0078	EA	Label both ends of a Siamese (dual 4 Pair cable)	19.64	
27 14 53		**Communications Cable Innerduct** *(27 14)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 14 53 00-0001		Indoor Innerduct *(27 14 53)*		
27 14 53 00-0002		Indoor Innerduct, Installed In Conduit *(27 14 53 00-0001)*		
27 14 53 00-0003		Riser Rated, Indoor Innerduct, Installed In Conduit *(27 14 53 00-0002)*		
27 14 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit	3,674.28	1,496.27
27 14 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit	4,787.84	1,995.03
27 14 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	6,278.52	2,493.80
27 14 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit	7,377.58	2,992.55
27 14 53 00-0008		Plenum Rated, Indoor Innerduct, Installed In Conduit *(27 14 53 00-0002)*		
27 14 53 00-0009	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit	5,540.98	1,496.27
27 14 53 00-0010	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,059.04	1,995.03
27 14 53 00-0011	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	9,032.54	2,493.80
27 14 53 00-0012	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit	10,865.08	2,992.55
27 14 53 00-0013		Indoor Innerduct, Installed Exposed *(27 14 53 00-0001)*		
27 14 53 00-0014		Riser Rated, Indoor Innerduct, Installed Exposed *(27 14 53 00-0013)*		
27 14 53 00-0015	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed	4,671.80	1,995.03
		For Work In Restricted Working Space, Add	*1,197.02*	
27 14 53 00-0016	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	5,785.35	2,493.80
		For Work In Restricted Working Space, Add	*1,496.27*	
27 14 53 00-0017	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	7,276.04	2,992.55
		For Work In Restricted Working Space, Add	*1,795.53*	
27 14 53 00-0018	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed	8,375.09	3,491.31
		For Work In Restricted Working Space, Add	*2,094.78*	
27 14 53 00-0019		Plenum Rated, Indoor Innerduct, Installed Exposed *(27 14 53 00-0013)*		
27 14 53 00-0020	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed	6,538.50	1,995.03
		For Work In Restricted Working Space, Add	*1,197.02*	
27 14 53 00-0021	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed	8,056.55	2,493.80
		For Work In Restricted Working Space, Add	*1,496.27*	
27 14 53 00-0022	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed	10,030.06	2,992.55
		For Work In Restricted Working Space, Add	*1,795.53*	
27 14 53 00-0023	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed	11,862.59	3,491.31
		For Work In Restricted Working Space, Add	*2,094.78*	
27 14 53 00-0024		Outdoor Innerduct *(27 14 53)*		
27 14 53 00-0025		Outdoor Innerduct, Installed In Conduit *(27 14 53 00-0024)*		
27 14 53 00-0026	MLF	1" Outdoor Innerduct, Installed In Conduit	3,500.22	1,496.27
27 14 53 00-0027	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit	4,531.17	1,995.03
27 14 53 00-0028	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit	5,759.53	2,493.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 53 00-0029	MLF	2" Outdoor Innerduct, Installed In Conduit	6,886.44	2,992.55

27 14 53 00-0030 Outdoor Innerduct, Buried In Trench *(27 14 53 00-0024)*

27 14 53 00-0031	MLF	1" Outdoor Innerduct, Buried In Trench	2,502.70	
27 14 53 00-0032	MLF	1-1/4" Outdoor Innerduct, Buried In Trench	3,533.65	
27 14 53 00-0033	MLF	1-1/2" Outdoor Innerduct, Buried In Trench	4,762.02	
27 14 53 00-0034	MLF	2" Outdoor Innerduct, Buried In Trench	5,888.92	

27 14 63 Communications Multimedia Modular Patch Panels *(27 14)*

27 14 63 00-0001 Communications Multimedia Modular Patch Panels *(27 14 63)*
Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 14 43 00-0035 for modular jacks.

27 14 63 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded	83.56	4.99
27 14 63 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	92.10	4.99
27 14 63 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	108.62	4.99
27 14 63 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	113.69	4.99
27 14 63 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	124.54	6.23
27 14 63 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	117.89	4.99
27 14 63 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	147.95	6.23
27 14 63 00-0009	EA	Rack Mount Rear Cable Management Bar	41.94	6.23

27 16 Communications Connecting Cords, Devices, And Adapters *(27 10)*

27 16 16 Communications Media Converters, Adapters, and Transceivers *(27 16)*

27 16 16 00-0001 Fiber Optic Receivers *(27 16 16)*

27 16 16 00-0002	EA	Fiber Optic Receiver, Range 6.2 Miles	659.25	49.87

27 16 16 00-0003 Fiber Optic Transmitters *(27 16 16)*

27 16 16 00-0004	EA	Fiber Optic Transmitter, Range 6.2 Miles	659.24	49.87

27 16 16 00-0005 Fiber Optic Repeaters *(27 16 16)*
Note: Consist of transmitter and receiver, back-to-back. Excludes power source.

27 16 16 00-0006	EA	Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	758.98	99.76
27 16 16 00-0007	EA	Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power	1,205.90	199.50

27 16 16 00-0008 Fiber Optic Transceivers *(27 16 16)*

27 16 16 00-0009	EA	Fiber Optic Transceivers, 3,000 Miles Range	826.38	199.50
27 16 16 00-0010	EA	Fiber Optic Transceivers, Digital 2,000 Miles Range	826.38	199.50
27 16 16 00-0011	EA	Fiber Optic Ethernet Transceiver	1,079.55	299.26
27 16 16 00-0012	EA	Transceiver (Low Cost Bi- Directional)	378.67	74.81

27 16 19 Communications Patch Cords, Station Cords, And Cross Connect Wire *(27 16)*

27 16 19 00-0001 Cross Connect Wire *(27 16 19)*
Note: Up to 20' length.

27 16 19 00-0002	EA	2-Pair Cross Connect Wire	16.65	
27 16 19 00-0003	EA	3-Pair Cross Connect Wire	22.37	
27 16 19 00-0004	EA	4-Pair Cross Connect Wire	27.98	

27 16 19 00-0005 Fiber Optic Patch Cords *(27 16 19)*

27 16 19 00-0006 Simplex Fiber Optic Patch Cables *(27 16 19 00-0005)*

27 16 19 00-0007 Singlemode, Simplex Fiber Optic Patch Cables *(27 16 19 00-0006)*

27 16 19 00-0008	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	34.86	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0009	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	28.85	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0010	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	36.66	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0011	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	30.22	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0012	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	34.61	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0013	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	34.12	
		For Each Additional Meter In Length, Add	*0.26*	

27 16 19 00-0014 Duplex Fiber Optic Patch Cables *(27 16 19 00-0005)*

27 16 19 00-0015 Singlemode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*

27 16 19 00-0016	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	59.01	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0017	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	57.32	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0018	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	63.34	
		For Each Additional Meter In Length, Add	*0.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0019	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	49.76	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0020	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	58.51	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0021	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	57.56	
		For Each Additional Meter In Length, Add	*0.51*	

27 16 19 00-0022 Multimode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*

27 16 19 00-0023	EA	ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	45.12	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0024	EA	ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	49.05	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0025	EA	ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	49.45	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0026	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	50.71	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0027	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	45.29	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	50.94	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	59.46	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	41.67	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	50.20	
		For Each Additional Meter In Length, Add	*1.48*	

27 16 19 00-0032 Fiber Optic Cable Pig Tail *(27 16 19)*

27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail	63.64	34.91
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail	77.90	34.91

27 16 19 00-0035 Ethernet Patch Cords *(27 16 19)*

27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots	12.24
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots	13.31
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots	14.39
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots	20.95
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots	26.37
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots	34.54
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots	13.51
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots	16.23
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots	16.29
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots	19.66
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots	25.96
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots	32.33
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots	50.24
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots	87.39
27 16 19 00-0050	EA	3' Category 6A Patch Cables With Boots	24.59
27 16 19 00-0051	EA	5' Category 6A Patch Cables With Boots	26.20
27 16 19 00-0052	EA	7' Category 6A Patch Cables With Boots	27.42
27 16 19 00-0053	EA	10' Category 6A Patch Cables With Boots	31.72
27 16 19 00-0054	EA	15' Category 6A Patch Cables With Boots	38.64
27 16 19 00-0055	EA	25' Category 6A Patch Cables With Boots	49.08
27 16 19 00-0056	EA	50' Category 6A Patch Cables With Boots	72.49
27 16 19 00-0057	EA	100' Category 6A Patch Cables With Boots	127.86
27 16 19 00-0058	EA	3' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E03-06)	12.24
27 16 19 00-0059	EA	5' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E05-06)	13.31
27 16 19 00-0060	EA	7' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E07-06)	14.39
27 16 19 00-0061	EA	10' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E10-06)	20.95
27 16 19 00-0062	EA	15' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E15-06)	26.37
27 16 19 00-0063	EA	25' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E25-06)	34.54
27 16 19 00-0064	EA	3' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC603-06)	13.51
27 16 19 00-0065	EA	5' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC605-06)	16.23
27 16 19 00-0066	EA	7' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC607-06)	16.29
27 16 19 00-0067	EA	10' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC610-06)	19.66
27 16 19 00-0068	EA	15' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC615-06)	25.96
27 16 19 00-0069	EA	25' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC625-06)	32.33
27 16 19 00-0070	EA	3' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A03-09)	24.59
27 16 19 00-0071	EA	5' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A05-09)	26.20
27 16 19 00-0072	EA	7' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A07-09)	27.42
27 16 19 00-0073	EA	10' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A10-09)	31.72
27 16 19 00-0074	EA	15' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A15-09)	38.64
27 16 19 00-0075	EA	25' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A25-09)	49.08

27 20 Data Communications *(27)*

27 21 Data Communications Network Equipment *(27 20)*

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems *(27 21)*

27 21 16 00-0001 Fiber Optic Modems *(27 21 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles	1,331.47	199.50
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel	2,497.06	199.50
27 21 16 00-0004		**Ethernet Hubs and Switches** *(27 21 16)*		
27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management	2,430.95	149.83
27 21 16 00-0006	EA	16 Port Unmanaged Hub	455.46	99.89
27 21 16 00-0007	EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E)	2,792.11	99.89
27 21 16 00-0008	EA	Power Supply (Cisco PWR-IE170W-PC-AC)	909.35	49.94
27 21 16 00-0009		**Network Equipment** *(27 21 16)*		
27 21 16 00-0010		**Communications Entrance Protection** *(27 21 16 00-0009)*		
27 21 16 00-0011	EA	100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C) Note: Excludes terminations.	711.07	74.91
27 21 16 00-0012	EA	Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S)	8.63	1.00
27 21 16 00-0013		**Communications Cabinets, Racks, Frames And Enclosures** *(27 21 16 00-0009)*		
27 21 16 00-0014	EA	19" Width x 36" Height x 24" Depth, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736)	854.78	74.91
		For Fan Kit (Chatsworth 12804-701), Add	*113.24*	
27 21 16 00-0015	EA	10 Outlet, 125 Volt, 20 Amp Telecommunications Cabinet Power Strip (Chatsworth 13239-757)	745.92	5.00
27 21 16 00-0016		**Communications Termination Blocks And Patch Panels** *(27 21 16 00-0009)*		
27 21 16 00-0017		**Communications Termination Blocks** *(27 21 16 00-0016)*		
27 21 16 00-0018	EA	4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810)	267.57	14.96
27 21 16 00-0019	EA	5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802)	249.17	14.96
27 21 16 00-0020	EA	4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869)	594.11	14.96
27 21 16 00-0021	EA	5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851)	552.73	14.96
27 21 16 00-0022	EA	110 Connector System Mounting Brackets (CommScope 107535593)	85.43	14.96
27 21 16 00-0023	EA	110 Connector System Mounting Brackets (CommScope 107535585)	92.11	14.96
27 21 16 00-0024	EA	110 Connector System Mounting Brackets (CommScope 107098816)	104.63	14.96
27 21 16 00-0025		**Communications Copper Patch Panels** *(27 21 16 00-0016)* Note: Excludes cabinet and terminations.		
27 21 16 00-0026	EA	24 Port, Category 5E Patch Panel (CommScope 108208919)	267.00	32.46
27 21 16 00-0027	EA	48 Port, Category 5E Patch Panel (CommScope 108208935)	484.04	39.96
27 21 16 00-0028	EA	24 Port, Category 6 Patch Panel (CommScope 760062372)	393.06	32.46
27 21 16 00-0029	EA	48 Port, Category 6 Patch Panel (CommScope 760062380)	730.92	39.96
27 21 16 00-0030		**Communications Optical Fiber Patch Panels** *(27 21 16 00-0016)*		
27 21 16 00-0031		**Closet Connector Housings** *(27 21 16 00-0030)*		
27 21 16 00-0032	EA	48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U) Note: Accepts up to 2 closet connector housing panels. Excludes panels.	303.98	19.97
27 21 16 00-0033	EA	96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U) Note: Accepts up to 4 closet connector housing panels. Excludes panels.	353.92	19.97
27 21 16 00-0034	EA	288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U) Note: Accepts up to 12 closet connector housing panels. Excludes panels.	440.02	19.97
27 21 16 00-0035	EA	SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91)	95.67	9.99
27 21 16 00-0036	EA	SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59)	129.54	9.99
27 21 16 00-0037	EA	SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56)	107.63	9.99
27 21 16 00-0038	EA	SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C)	140.48	9.99
27 21 16 00-0039		**Communications Cable Management** *(27 21 16 00-0009)*		
27 21 16 00-0040		**Horizontal Communication Cable Management** *(27 21 16 00-0039)*		
27 21 16 00-0041	EA	1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE)	103.21	19.97
27 21 16 00-0042	EA	3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E)	106.49	19.97
27 21 16 00-0043		**Vertical Communication Cable Management** *(27 21 16 00-0039)*		
27 21 16 00-0044	EA	6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703)	597.42	49.94
27 21 16 00-0045	EA	19" Width x 84" Height, Universal Rack (Chatsworth 48353-703)	618.64	49.94
27 21 16 00-0046	EA	23" Width x 84" Height, Universal Rack (Chatsworth 48383-703)	666.38	49.94
27 21 16 00-0047		**Communications Patch Cords, Station Cords, And Cross Connect Wire** *(27 21 16 00-0009)*		
27 21 16 00-0048		**Premise Cross-Connect Wire** *(27 21 16 00-0047)*		
27 21 16 00-0049	LF	1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973)	1.03	0.50
27 21 16 00-0050		**Pathways For Communications Systems** *(27 21 16 00-0009)*		
27 21 16 00-0051		**Conduits And Backboxes For Communication Systems** *(27 21 16 00-0050)*		
27 21 16 00-0052		**Flexible Conduit For Communication Systems** *(27 21 16 00-0051)*		
27 21 16 00-0053	CLF	1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon DF4X1C)	404.21	179.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0054	CLF	1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlon CF4X1C)	575.64	179.55
27 21 16 00-0055		Tube Cables For Communication Systems *(27 21 16 00-0051)*		
27 21 16 00-0056		Outdoor/All-Dielectric Tube Cables *(27 21 16 00-0055)*		
27 21 16 00-0057	CLF	Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX)	343.79	119.70
27 21 16 00-0058	CLF	Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TOX)	511.60	149.63
27 21 16 00-0059	CLF	Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX)	847.29	179.55
27 21 16 00-0060		Indoor/Riser Rated Tube Cables *(27 21 16 00-0055)*		
27 21 16 00-0061	CLF	Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX)	393.74	119.70
27 21 16 00-0062	CLF	Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX)	481.11	134.66
27 21 16 00-0063	CLF	Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX)	546.29	149.63
27 21 16 00-0064	CLF	Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX)	1,004.07	179.55
27 21 16 00-0065		Indoor/Plenum Rated Tube Cables *(27 21 16 00-0055)*		
27 21 16 00-0066	CLF	Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX)	289.68	119.70
27 21 16 00-0067	CLF	Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2)	417.33	119.70
27 21 16 00-0068	CLF	Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2)	642.06	134.66
27 21 16 00-0069	CLF	Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2)	933.38	149.63
27 21 16 00-0070	CLF	Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2)	2,897.92	179.55
27 21 16 00-0071		Unjacketed Single Tube Cables *(27 21 16 00-0055)*		
27 21 16 00-0072	CLF	Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX)	250.83	119.70
27 21 16 00-0073		Multimode Fiber Bundles *(27 21 16 00-0055)* Note: Includes optical fiber cables.		
27 21 16 00-0074	CLF	2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6)	107.02	35.91
27 21 16 00-0075	CLF	4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6)	161.13	35.91
27 21 16 00-0076	CLF	6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6)	219.40	35.91
27 21 16 00-0077	CLF	12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6)	397.00	35.91
27 21 16 00-0078	CLF	18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6)	574.85	41.90
27 21 16 00-0079	CLF	24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6)	752.45	41.90
27 21 16 00-0080		Singlemode Fiber Bundles *(27 21 16 00-0055)* Note: Includes optical fiber cables.		
27 21 16 00-0081	CLF	2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX)	95.92	35.91
27 21 16 00-0082	CLF	4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX)	119.51	35.91
27 21 16 00-0083	CLF	6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX)	138.93	35.91
27 21 16 00-0084	CLF	12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX)	176.39	35.91
27 21 16 00-0085	CLF	18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX)	269.62	41.90
27 21 16 00-0086	CLF	24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX)	354.25	41.90
27 21 16 00-0087		Tube Distribution Cabinets *(27 21 16 00-0055)*		
27 21 16 00-0088	EA	Modular Tube Distribution Cabinet (Sumitomo DE06MDU) Note: Up to six 7-tube cables or two 19-tube cables.	207.79	49.94
27 21 16 00-0089		Modular Fiber Termination Cabinets *(27 21 16 00-0055)*		
27 21 16 00-0090	EA	24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM)	262.19	49.94
27 21 16 00-0091	EA	48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM)	279.40	49.94
27 21 16 00-0092		Tube Distribution Accessories *(27 21 16 00-0055)*		
27 21 16 00-0093	EA	Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA)	11.92	5.00
27 21 16 00-0094	EA	Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2)	13.13	5.00
27 21 16 00-0095	EA	Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB)	16.23	5.00
27 21 16 00-0096		Communications Optical Fiber Cabling *(27 21 16 00-0009)*		
27 21 16 00-0097		Communications Optical Fiber Cable Splicing And Terminations *(27 21 16 00-0096)*		
27 21 16 00-0098		Field Installed Fiber Connectors *(27 21 16 00-0097)*		
27 21 16 00-0099	EA	SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42)	34.52	7.49
27 21 16 00-0100	EA	SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41)	30.53	7.49
27 21 16 00-0101		Buffer Tube Fan-Out Kits *(27 21 16 00-0097)*		
27 21 16 00-0102		Buffer Tube Breakout Kits (Sumitomo) *(27 21 16 00-0101)* Note: Includes 900 micron tubing.		
27 21 16 00-0103	EA	2-Fiber Breakout Kit (Sumitomo FTFLD02)	216.15	99.76
27 21 16 00-0104	EA	4-Fiber Breakout Kit (Sumitomo FTFLD04)	220.31	99.76
27 21 16 00-0105	EA	6-Fiber Breakout Kit (Sumitomo FTFLD06)	223.99	99.76
27 21 16 00-0106	EA	12-Fiber Breakout Kit (Sumitomo FTFLD12)	235.41	99.76
27 21 16 00-0107	EA	18-Fiber Breakout Kit (Sumitomo FTFLD18)	251.03	99.76
27 21 16 00-0108	EA	24-Fiber Breakout Kit (Sumitomo FTFLD24)	262.63	99.76

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0109		Buffer Tube Fan-Out Kits (Corning) *(27 21 16 00-0101)*		
27 21 16 00-0110	EA	12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12)	218.08	99.76
27 21 16 00-0111	EA	12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12)	259.30	99.76
27 21 16 00-0112		Communications Copper Cabling *(27 21 16 00-0009)*		
27 21 16 00-0113		Copper Communications Cable Splicing And Terminations *(27 21 16 00-0112)*		
27 21 16 00-0114		Copper Communications Cable Splice Cases *(27 21 16 00-0113)*		
27 21 16 00-0115	EA	6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626)	817.25	199.50
27 21 16 00-0116	EA	9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630)	936.80	199.50
27 21 16 00-0117	EA	12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219)	1,334.02	199.50
27 21 16 00-0118		Modular Splice Connectors *(27 21 16 00-0113)*		
27 21 16 00-0119	EA	25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25)	105.56	49.87
27 21 16 00-0120	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25)	104.27	49.87
27 21 16 00-0121	EA	25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25)	105.59	49.87
27 21 16 00-0122	EA	25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25)	105.41	49.87
27 21 26		**Data Communications Network Management** *(27 21)*		
27 21 26 00-0001		Data Communications Network Management *(27 21 26)*		
27 21 26 00-0002	EA	3 Port, Terminal/Serial Device Server (Comtrol 99560-9)	534.31	24.94
27 21 26 00-0003	EA	2 Port, Terminal/Serial Device Server (Comtrol 99550-0)	415.65	24.94
27 21 26 00-0004	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99445-9)	559.56	24.94
27 21 26 00-0005	EA	4 Port, DB9 Terminal/Serial Device Server (Comtrol 99448-0)	877.38	24.94
27 21 26 00-0006	EA	24 Watt, Din Rail Mountable, Power Adapter (Comtrol PS1020)	93.92	
27 21 26 00-0007	EA	Remote Data Port, Spectra Positioning System (Pelco IPS_RDPE_2)	305.20	14.96
27 21 26 00-0008	EA	Sennetech Code Translator (Pelco SCT_100_AD232)	631.03	24.94
27 21 26 00-0009	EA	VPN Router (Cisco 819HG)	3,369.67	319.64
27 21 26 00-0010	EA	Cisco Catalyst 3000 Series Switches (Cisco IE-3000 - 8TC)	2,441.33	319.64
27 21 26 00-0011	EA	WS-C4507R+E Chassis, Two WS-X4648-RJ45V+E, Sup7L-E, LAN Base (Cisco WS-C4507RE+96V+)	20,381.69	119.70
27 21 26 00-0012	EA	SMARTnet Extended Service Agreement, SNTC-8X5XNBD WS-C4507R+E Chassis,2 WS-X4648-RJ45V+E (Cisco CON-SNT-C4507REV)	1,548.01	
27 21 26 00-0013	EA	Sup8-E And WS-X4748-RJ45V+E Upgrade For Bundle (Cisco C4500E-S7L-S8)	9,952.01	119.70
27 21 26 00-0014	EA	Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2)	17,271.04	119.70
27 21 26 00-0015	EA	Catalyst 4500 2GB SD Memory Card (Cisco SD-X45-2GB-E)	418.87	9.99
27 21 26 00-0016	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV)	2,564.65	12.47
27 21 26 00-0017	EA	Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV/2)	2,564.65	12.47
27 21 26 00-0018	EA	13', NEMA 6-20 To IEC-C19 Power Cable (Cisco CAB-US620P-C19-US)	56.05	5.00
27 21 26 00-0019	EA	1000BASE-SX SFP Transceiver Module, MMF, 850nm, DOM (Cisco GLC-SX-MMD=)	524.76	49.87
27 21 26 00-0020	EA	Cisco Catalyst 3850 24 Port Data IP Base (Cisco WS-C3850--24TS)	5,574.02	119.70
27 21 26 00-0021	EA	SMARTnet Extended Service Agreement, 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Base (Cisco CON-SNT-WSC384TS)	1,303.83	
27 21 26 00-0022	EA	North America AC Type A Power Cable (Cisco CAB-TA-NA)	56.05	5.00
27 21 26 00-0023	EA	350 Watt AC Power Supply (Cisco PWR-C1-350WAC)	449.94	12.47
27 21 26 00-0024	EA	Cisco Catalyst 3850 4x1GE Network Module (Cisco C3850-NM-4-1G)	437.30	12.49
27 21 26 00-0025	EA	1', Catalyst 3750X and 3850 Stack Power Cable (Cisco CAB-SPWR-30CM)	100.97	5.00
27 21 26 00-0026	EA	Rack Mount Switch 16 100 SFP 8 10/100 PoE 2 Geuplinks (Cisco IE-3010-16S-8PC)	4,636.95	119.70
27 21 26 00-0027	EA	SMARTnet Extended Service Agreement, 8X5XNBD IA Rack Mount Switch 16 100 SFP 8 10/10 (Cisco CON-SNT-301016S8)	861.53	
27 21 26 00-0028	EA	IE 3010 Power Supply (Cisco PWR-RGD-AC-DC/IA)	619.26	12.47
27 21 26 00-0029	EA	IE 3010 AC-DC Redundant Power Supply (Cisco PWR-RGD-AC-DC/IAR)	780.51	12.47
27 21 26 00-0030	EA	4 Ethernet 10/100 Ports And 2 Dual-Purpose Uplinks, Industrial Ethernet Switch (Cisco IE-3000-4TC)	1,708.59	119.70
27 21 26 00-0031	EA	Expansion Power Module For Cisco IE-3000-4TC (Cisco PWR-IE50W-AC-IEC)	358.98	12.49
27 21 26 00-0032	EA	4 Port, Expansion SFP Module for IE-3000-4TC (Cisco IEM-3000-4SM)	1,425.55	12.49
27 21 26 00-0033	EA	Router (CISCO IR829)	2,452.88	49.94
27 21 33		**Data Communications Wireless Access Points** *(27 21)*		
27 21 33 00-0001		Data Communications Wireless Access Points *(27 21 33)*		
27 21 33 00-0002	EA	Base Station Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-BSU)	4,344.11	149.63
27 21 33 00-0003	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1)	8,693.23	149.63
27 21 33 00-0004	EA	Base Station Unit, 300 Mbps, MIMO 2x2, 16 dBi, 90 Degree Sector Antenna US PoE (Proxim Wireless MP-8250-BS9)	7,378.51	149.63
27 21 33 00-0005	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-SUA)	1,441.21	149.63
27 21 33 00-0006	EA	Subscriber Unit, 300 Mbps, MIMO 2x2, 23 dBi, Panel Antenna US PoE (Proxim Wireless MP-8250-SUR)	1,684.90	165.27
27 21 33 00-0007	EA	Base Station Unit, 300 Mbps, MIMO 3x3, GPS Sync Ready, Type-N Connectors - US PoE (Proxim Wireless MP-8200-BSU-G)	2,280.79	165.27
27 21 33 00-0008	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1-G)	3,364.51	165.27
27 21 33 00-0009	EA	Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 16 dBi, 90° Sector Antenna - US PoE (Proxim Wireless MP-8250-BS9-G)	3,364.51	165.27
27 21 33 00-0010	EA	50 Mbps (upgradable to 100 Mbps), MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-50)	686.28	55.09
27 21 33 00-0011	EA	100 Mbps, MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-100)	781.65	55.09
27 21 33 00-0012	EA	Gigabit, 32W, PoE Injector With RJ45 And Reload Button (Proxim Wireless ETH-POEINJ-1G)	141.07	27.54
27 21 33 00-0013	EA	Surge, Gigabit Surge Protector With Shielded RJ45 (Proxim Wireless ETH-SURGE-1G)	141.07	27.54
27 21 33 00-0014	EA	ORiNOCO Dual Band Range Extender Antenna (Proxim Wireless 1086-REA)	261.84	49.87
27 21 33 00-0015	EA	5 dBi, ORiNOCO 2.4GHz Omni Antenna (Proxim Wireless 1086-OA24-5)	206.56	49.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 33 00-0016	EA	8.5 dBi, ORiNOCO 2.4GHz Panel Antenna (Proxim Wireless 1086-PA24-8.5)	294.51	49.87
27 21 33 00-0017	EA	9.5 dBi, ORiNOCO 2.4GHz Panel Antenna (Proxim Wireless 1086-PA24-9.5)	294.51	49.87
27 21 33 00-0018	EA	7 dBi, ORiNOCO 5GHz Panel Antenna (Proxim Wireless 1086-PA50-7)	281.94	49.87
27 21 33 00-0019	EA	FlexPort23 330 Mbps With Rectangular Antenna Interface, Band 6 (BridgeWave Communications FP23-1200R6)	29,097.16	99.76
27 21 33 00-0020	EA	FlexPort23 330 Mbps With Rectangular Antenna Interface, Band 7 (BridgeWave Communications FP23-1200R7)	29,097.16	99.76
27 21 33 00-0021	EA	FlexPort uWave AdaptRate And Modulation Feature Upgrade (BridgeWave Communications FPUWAVE-UPG-ARM)	2,387.20	
27 21 33 00-0022	EA	FlexPort 18 (23) Capacity Upgrade, 330-660 Mbps (BridgeWave Communications FP18(23)CU330-660)	2,512.84	
27 21 33 00-0023	EA	SFP, GigE, Multimode Fiber (LC) Interface (BridgeWave Communications BRG171-00511)	238.33	24.94
27 21 33 00-0024	EA	1' High Performance Dish Antenna, Low Profile, 21.2-23.6 GHz, WR42 Flange, SOI (Radio Waves HPLP1-23RR)	716.54	49.87
27 21 33 00-0025	EA	FPuWave 2nd Year Extended Warranty And NDR (BridgeWave Communications FPU-WAVE-EWNDR-2)	4,334.65	
27 21 33 00-0026	EA	Cisco #AIR-ANT5959, 2.4 GHZ - 2.0/2.35 dBi antenna	464.27	49.87
27 21 33 00-0027	EA	Verizon LTE Modem (Sierra Wireless AirLink GX440 LTE VZW)	1,177.40	49.87
27 21 33 00-0028	EA	Cellular Phone / Wi-Fi Antenna (Sierra Wireless AP-CWG-Q-S222-WH)	362.40	49.87
27 21 33 00-0029	EA	AirLink GX400 Modem Mounting Bracket (Sierra Wireless 1202404)	54.72	
27 21 33 00-0030	EA	Cell LTE MIMO Antenna (Sierra Wireless 1810075)	80.66	19.95
27 21 33 00-0031	EA	AirLink GX400 Power Adapter (Sierra Wireless 2700384)	50.74	
27 21 33 00-0032	EA	AirLink GX400 Power Cable (Sierra Wireless 2000380)	35.15	
27 21 33 00-0033	EA	Cellular/PCS/LTE, Hockey Puck Antenna (Sierra Wireless AP-C-Q-S2-BL)	248.46	49.87
27 21 33 00-0034	EA	Cellular/PCS/LTE/GPS, Multi-Band Antenna (Sierra Wireless AP-CG-Q-S22-BL)	272.45	49.87
27 21 33 00-0035	EA	2 Way, RF Power Divider, 790-920 MHZ (Telewave ANTPD28D)	305.69	49.94
27 21 33 00-0036	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX400 EVDO/GPS)	724.30	74.91
27 21 33 00-0037	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX440 LTE/EVDO/GPS)	916.19	74.91
27 21 33 00-0038	EA	Wireless Cellular Modem (Sierra Wireless AirLink GX450 Rugged)	820.24	74.91
27 21 33 00-0039	EA	Magnetic Mount Cellular Antenna (Wilson Electronics 301125)	55.79	14.96
27 21 33 00-0040	EA	Yagi Antenna, 890-960 MHz, 10 dBd Gain (PCTEL Bluewave Antennas BGYD890K)	231.07	55.09
27 21 33 00-0041	EA	Andrew® Omni Antenna, 890–960 MHz, 360° Horizontal Beamwidth, Fixed Electrical Tilt, Fits On 38–51 mm (1-1/2 to 2 in) OD Pipe (Commscope DB583-Y)	142.59	55.09
27 21 33 00-0042	EA	PowerBridge M5: Carrier Class 5GHz MIMO Bridging Solution Featuring Super Efficient 25dBi MIMO Antenna Array (Ubiquiti Networks PBM-5)	388.87	49.94
27 21 33 00-0043	EA	Single Channel Bluetooth Sensor With Bluetooth Module And Antenna (DeepBlue SC)	3,664.71	49.94
27 21 33 00-0044	EA	Point-to-Point Wireless Bridge (Proxim Tsunami® QB-10150)	2,948.21	49.87

27 30 Voice Communications *(27)*

27 31 Voice Communications Switching and Routing Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 31 13 PBX/Key Systems *(27 31)*

27 31 13 00-0001 Interior PBX Telephone System *(27 31 13)*

Note: Includes telephone instruments cabling and solid state switching.

27 31 13 00-0002 Interior PBX Telephone System *(27 31 13 00-0001)*

Note: Cost is for each line up to 1000 lines.

27 31 13 00-0003	EA	1 Line PBX Connection, Cost Per Each Line Up To 1,000	1,346.79	520.35

27 31 13 00-0004 Additional Telephones Less Solid State Switching (PBX) *(27 31 13 00-0001)*

27 31 13 00-0005	EA	Add For Each Additional PBX Phone Line Less Solid State Switching	396.29	40.90

27 31 13 00-0006 Telephones *(27 31 13 00-0001)*

27 31 13 00-0007	EA	Telephones, Desk Type Intercommunication Equipment	166.86	38.90
27 31 13 00-0008	EA	Telephones, Wall Type Intercommunication Equipment	193.08	51.87

27 32 Voice Communications Terminal Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 32 19 Interior Telephone System *(27 32)*

27 32 19 00-0001 Interior Telephone Components *(27 32 19)*

27 32 19 00-0002	EA	Solid State Exchange Unit With Power Supply	4,830.18	911.53
27 32 19 00-0003	EA	Dial Telephone - Handset In Cabinet	564.11	74.52
27 32 19 00-0004	EA	Elevator Cab Telephone With Trailer Cable	305.39	79.90
27 32 19 00-0005	EA	Loud Ring Bell, 6"	244.80	74.12
27 32 19 00-0006	EA	Audio/Visual Indicator	300.77	69.83
27 32 19 00-0007	EA	Administrative Telephone With Digital Display	308.73	62.65
27 32 19 00-0008	EA	Processing Unit For 16 Station System	1,620.80	511.03
27 32 19 00-0009	EA	Handset For 16 Station System	220.71	50.87
27 32 19 00-0010	EA	Handset In Cabinet, For 16 Station System	298.85	68.63
27 32 19 00-0011	MLF	20 Conductor Unshielded Cable, #22	2,288.05	1,099.97
27 32 19 00-0012	EA	Power Supply For 16 Station System	310.11	135.76
27 32 19 00-0013	EA	Intercom Terminal Board	288.99	152.82
27 32 19 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	319.93	135.76
27 32 19 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	151.37	55.81
27 32 19 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	449.93	122.84
27 32 19 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	528.87	139.62
27 32 19 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	639.59	165.24
27 32 19 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	747.42	178.65
27 32 19 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,131.42	203.27
27 32 19 00-0021	EA	Ring Rung 3"	10.31	5.56
27 32 19 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	24.96	9.88
27 32 19 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	46.60	20.25

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 19 00-0024		Interior Telephone Accessories *(27 32 19)*		
27 32 19 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	11.33	5.39
27 32 19 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	25.63	20.75
27 32 19 00-0027	EA	Level 5, RJ-45 Jack, Dual Flush Mounted - Complete	65.73	22.80
27 32 19 00-0028	EA	Level 5, RJ-45 Jack, Wall Mount - Complete	61.26	22.80
27 32 19 00-0029	EA	Terminating Strips, Inside	124.74	45.60
27 32 19 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	52.05	23.44
27 32 19 00-0031	EA	Ready Access Closure 3 To 25 Pair	150.82	54.96
27 32 19 00-0032	EA	Ready Access Closure 25 To 100 Pair	178.64	61.44
27 32 19 00-0033	EA	Termination Block With Bracket 25 Pair	58.87	18.45
27 32 19 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	51.04	23.14
27 32 19 00-0035	EA	Interior Protected Terminal 25 Pair	732.22	133.27
27 32 19 00-0036	EA	Interior Protected Terminal 50 Pair	886.29	135.36
27 32 19 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	289.68	55.46
27 32 19 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	300.42	55.46
27 32 19 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	398.55	70.92
27 32 19 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair	842.54	127.78
27 32 19 00-0041	EA	Entrance Protector Terminal 100 Pair	1,190.79	145.84
27 32 19 00-0042	EA	Gas Protection Module	16.30	4.99
27 32 19 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	31.49	4.56

27 32 26 Ring-Down Emergency Telephones *(27 32)*

27 32 26 00-0001 Emergency Telephone *(27 32 26)*

Note: Standard features include: CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70w area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s) Note: Includes IA4100 FP1 analog speakerphone with single red “Push For Help” button, “Push For Help” bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	7,156.30	409.08
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d) Note: Includes IA4100 FP1 analog speakerphone with single red “Push For Help” button, “Push For Help” bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.	7,497.40	409.08
27 32 26 00-0004	EA	Analog Speakerphone With Black “Info” Button And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2)	113.70	
27 32 26 00-0005	EA	Analog Speakerphone With Black “Call” Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2-K)	170.55	
27 32 26 00-0006	EA	IP Speakerphone With Single Red “Push For Help” Button Code Blue Option (Code Blue IP5000 FP1)	426.38	
27 32 26 00-0007	EA	IP Speakerphone With Back “Info” Button And Red “Push For Help” Button Code Blue Option (Code Blue IP5000 FP2)	579.88	
27 32 26 00-0008	EA	IP Speakerphone With Black “Call” Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP2-K)	636.73	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	11.37	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	11.37	
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option	102.33	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option	1,080.17	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option	500.29	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option	1,620.25	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.	3,405.37	
27 32 26 00-0016	EA	Active Venting Code Blue Option	181.92	
27 32 26 00-0017	EA	Night Charge Power Code Blue Option Note: Requires 120V AC external power supplied to Code Blue unit.	1,586.14	
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option	397.96	
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option Note: Excludes camera.	903.93	
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option	39.80	

27 32 26 00-0021 City Police Call System *(27 32 26)*

27 32 26 00-0022 Components *(27 32 26 00-0021)*

27 32 26 00-0023	EA	City Police Call System	566.54	116.31
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post	535.67	168.48

27 40 Audio-Video Communications *(27)*

27 41 Audio-Video Systems *(27 40)*

27 41 16 Integrated Audio-Video Systems and Equipment *(27 41)*

Note: Includes testing of new devices and certification.

27 41 16 00-0001 Television Distribution System *(27 41 16)*

See CSI section 26 05 13 16-0001 for basic wiring, 26 05 19 16-0324 for basic wiring.

27 41 16 00-0002 Television Support System *(27 41 16 00-0001)*

27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20"	347.16	111.87
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack	437.33	124.86
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27"	359.79	111.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack	449.96	124.86
27 41 16 00-0007	EA	Wall Mounted Television Support, 13"	274.18	89.90
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack	364.34	99.89
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20"	290.75	89.90
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack	380.91	99.89
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27"	307.31	89.90
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack	397.47	99.89
27 41 16 00-0013		Distribution System *(27 41 16 00-0001)*		
		See CSI section 26 05 13 16-0001 for wire and cabling.		
27 41 16 00-0014		TV Distribution Rack *(27 41 16 00-0013)*		
27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves	1,085.83	183.44
27 41 16 00-0016	EA	Switch And Pilot Light	192.07	81.50
27 41 16 00-0017	LF	Surface Raceway With Outlets	23.57	11.07
27 41 16 00-0018	EA	Service Label	28.89	15.26
27 41 16 00-0019		Head End Amplifier *(27 41 16 00-0013)*		
27 41 16 00-0020	EA	Head End Amplifier	724.33	122.10
27 41 16 00-0021		UHF In-Line Booster Amplifier And Power Supply *(27 41 16 00-0013)*		
27 41 16 00-0022	EA	UHF In-Line Booster	445.21	122.10
27 41 16 00-0023		Preamplifiers *(27 41 16 00-0013)*		
27 41 16 00-0024	EA	VHF Preamplifier	543.49	122.10
27 41 16 00-0025	EA	UHF Preamplifier	445.21	122.10
27 41 16 00-0026		Power Supplies *(27 41 16 00-0013)*		
27 41 16 00-0027	EA	Common Power Supply	776.42	174.46
27 41 16 00-0028		Line Splitter And Mixer *(27 41 16 00-0013)*		
27 41 16 00-0029	EA	Line Splitter	78.33	40.70
27 41 16 00-0030	EA	Two-Way Splitter	86.16	40.70
27 41 16 00-0031	EA	Frequency Filter	178.43	61.14
27 41 16 00-0032	EA	Line Splitter And Mixer	238.18	89.78
27 41 16 00-0033		Power Line Filters *(27 41 16 00-0013)*		
27 41 16 00-0034	EA	120-Volt Power Supply Line Filter	329.66	81.50
27 41 16 00-0035		Wall Box And Receiver Outlets *(27 41 16 00-0013)*		
27 41 16 00-0036	EA	Wall Box With Lockable Cover, Excluding Outlet Plug	178.43	61.14
27 41 16 00-0037	EA	TV Receiver Outlet Plug	86.16	40.70
27 41 16 00-0038	EA	TV Camera Outlet Plug	86.16	40.70
27 41 16 00-0039	EA	Audio Outlet Plug	76.36	40.70
27 41 16 00-0040	EA	12 Ft RG 6U Cable With G-59 And TV Set Fittings	157.66	81.50
27 41 16 00-0041	EA	Male Plug PL-259	86.16	40.70
27 41 16 00-0042	EA	Wall Box And Receiver Outlet Television Outlets	106.03	42.69
27 41 16 00-0043		Metal And Electric Shop Antenna Systems *(27 41 16)*		
27 41 16 00-0044		Antenna *(27 41 16 00-0043)*		
27 41 16 00-0045	EA	Amateur Radio Antenna	688.14	149.63
27 41 16 00-0046	EA	Multi-Band Radio Antenna	547.34	149.63
27 41 16 00-0047		Receptacles *(27 41 16 00-0043)*		
27 41 16 00-0048	EA	Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	168.61	61.14
27 41 16 00-0049	EA	Multi-Band Radio Antenna System Receptacle With Mating Plugs	168.61	61.14

27 50 Distributed Communications And Monitoring Systems *(27)*

27 51 Distributed Audio-Video Communications Systems *(27 50)*

27 51 17 Video Intercom And Exterior Gate Control System *(27 51)*

27 51 17 00-0001		Video Intercom And Exterior Gate Control System (Aiphone) *(27 51 17)*		
27 51 17 00-0002	EA	IP Input/Output Adaptor (Aiphone RY-IP44)	930.00	99.89
27 51 17 00-0003	EA	12 Volt, 2.5 Amp, DC Power Supply (Aiphone PS-1225UL) Note: UL Listed	125.74	12.47
27 51 17 00-0004	EA	IP Video Master Station (Aiphone IX-MV)	1,601.46	124.86
27 51 17 00-0005	EA	IP Addressable, Flush Mount, Video Door Station With HID ProxPoint Plus Card Reader (Aiphone IX-DF-HID)	1,209.98	24.97
27 51 17 00-0006	EA	Stainless Steel Surface Mount Box For IS-SS/IS-DVF/IS-IPDVF/IX-DF(SS) (Aiphone SBX-IDVF)	172.20	24.97
27 51 17 00-0007	EA	Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVF)	311.21	37.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 51 33 Sound Reinforcement *(27 51)*

Note: Includes testing of new devices and certification.

27 51 33 00-0001 Amplifiers *(27 51 33)*

27 51 33 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	378.17	99.89
27 51 33 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	511.89	99.89
27 51 33 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	597.73	99.89
27 51 33 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	658.96	99.89
27 51 33 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	807.36	99.89
27 51 33 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	1,029.27	99.89
27 51 33 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	41.40	5.00

27 51 33 00-0009 Splitters *(27 51 33)*

27 51 33 00-0010	EA	24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE)	1,985.95	74.81
27 51 33 00-0011	EA	1-in/11-out Splitter (Doug Fleenor DMX)	1,795.57	74.81

27 51 33 00-0012 Speakers *(27 51 33)*

27 51 33 00-0013	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	163.55	26.73
27 51 33 00-0014	EA	8" Steel Baffle (Atlas Sound 51-8)	47.29	4.99
27 51 33 00-0015	EA	T-Bar Support (Atlas Sound EZ95-8)	51.96	4.99
27 51 33 00-0016	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	76.99	4.99
27 51 33 00-0017	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	77.57	8.98

27 51 33 00-0018 Accessories *(27 51 33)*

27 51 33 00-0019	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	194.78	12.49
27 51 33 00-0020	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	428.87	12.49
27 51 33 00-0021	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	120.99	24.97
27 51 33 00-0022	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	212.05	24.97
27 51 33 00-0023	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	158.80	24.94
27 51 33 00-0024	EA	Microphone Jack For Audio/Video System	81.08	24.97
27 51 33 00-0025	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	622.68	99.89
27 51 33 00-0026	EA	Volume Control For Audio/Video System (Bogen AT10A)	78.13	24.97
27 51 33 00-0027	EA	Round Bridge for 8" (S86/S810) Reccessed Speakers (Bogen Communications TB8)	59.05	24.97

27 51 33 00-0028 Remove And Reinstall Speakers *(27 51 33)*

Note: Includes storage, cleaning and supply materials.

27 51 33 00-0029	EA	Removal And Reinstallation Of Ceiling Mounted Speaker	139.65	

27 52 Healthcare Communications And Monitoring Systems *(27 50)*

27 52 23 Nurse Call/Code Blue Systems *(27 52)*

27 52 23 00-0001 Wireless Equipment Nurses Call Systems *(27 52 23)*

Note: Includes all mounting hardware, batteries, cable and connections. Telectronic.

27 52 23 00-0002 Wireless Nurses Call System *(27 52 23 00-0001)*

27 52 23 00-0003	EA	NurseCall Main Unit (Rechargeable Battery Included); NCM2	5,190.77	
27 52 23 00-0004	EA	NurseCall Main Unit (Rechargeable Battery Included) 300+ Transmitters; NCM2S	5,833.26	
27 52 23 00-0005	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 1-5 Units; NCL2	3,628.63	
27 52 23 00-0006	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 6-10 Units; NCL2	2,958.74	
27 52 23 00-0007	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 11-15 Units; NCL2	2,665.74	
27 52 23 00-0008	EA	NurseCall Local Unit (Rechargeable Battery Included), Quantity 16+ Units; NCL2	2,372.62	
27 52 23 00-0009	EA	Resident Bed Station With Relay; N45	601.14	
27 52 23 00-0010	EA	Bed Push Button For Use With N45 (9'); RB13-9	295.07	
27 52 23 00-0011	EA	Pull Cord Replacement For S35; S35PC	21.97	
27 52 23 00-0012	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Auto Supervision; S35S	431.61	
27 52 23 00-0013	EA	Wall Mount Pull-Cord Transmitter/Mounting Hardware - Assist Tone; S35A	431.61	
27 52 23 00-0014	EA	Remote Reset Button; S35R	419.62	
27 52 23 00-0015	EA	Waterproof Wrist Transmitter (Automatic Supervision); S37	293.35	
27 52 23 00-0016	EA	Wrist Band Replacement For S37; S37WB	27.10	
27 52 23 00-0017	EA	Locate 1 Waterproof Wrist Transceiver; S37L	356.71	
27 52 23 00-0018	EA	Locate 1 Beacon; IS75	1,132.65	
27 52 23 00-0019	EA	Wireless Smoke Detector Transmitter; SD35	733.36	
27 52 23 00-0020	EA	Wireless Door Contact Transmitter; RAC35	577.52	
27 52 23 00-0021	EA	Wireless Time Controlled Door Contact; RAC45	577.52	
27 52 23 00-0022	EA	Local Receiver With Relay (110 Volt AC); LE9	707.68	
27 52 23 00-0023	EA	Voice Response Unit (Rechargeable Battery Included); S10	1,210.16	
27 52 23 00-0024	EA	Alarm Receiving Unit (Rechargeable Battery Included); ARU	2,385.49	
27 52 23 00-0025	EA	NurseCall Programming Software; NPS	6,478.51	
27 52 23 00-0026	EA	NurseCall Printer Interface; NCPI	2,215.18	
27 52 23 00-0027	EA	NurseCall Computer Center (Includes NurseCall Software, PC, Monitor, Printer And UPS); NCCN	11,342.01	
27 52 23 00-0028	EA	9V NiMH Rechargeable Battery (Replacement For S10, NCM2, And NCL2); NMH9R	54.36	
27 52 23 00-0029	EA	6V Lithium Battery (Replacement For S35 And RAC35); LIT6	49.22	
27 52 23 00-0030	EA	9V Alkaline Battery (Replacement For N45); ALK9	25.25	
27 52 23 00-0031	EA	Giant LED Single Sided Display; NCGD	11,142.45	
27 52 23 00-0032	EA	Serial Printer; NCSP	1,169.13	
27 52 23 00-0033	EA	Modular Duplex T-Adapter (Replacement For S10); SE-486A	25.39	
27 52 23 00-0034	EA	AC Adapter (Replacement For S10); STA-4110A	45.94	
27 52 23 00-0035	EA	S10 Phone Cord (Replacement For S10); STC	25.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 52 23 00-0036	EA	Waveware Paging System, Use With NCCN (Dell Computer); SPS-5	5,019.45	
27 52 23 00-0037	EA	Waveware Pagers; DAP-040	705.78	

27 52 23 00-0038 Wireless Nurses Call Tele/Management System *(27 52 23 00-0001)*

27 52 23 00-0039	EA	Tele/Management Unit; TP12	2,966.89	
27 52 23 00-0040	EA	Tele/Management Software; TP12S	2,660.36	

27 52 23 00-0041 Wireless Nurses Call Paging System *(27 52 23 00-0001)*

27 52 23 00-0042	EA	Standard Paging System (2.5 Watt Transmitter); RPE673	8,404.42	
27 52 23 00-0043	EA	Replacement Antenna For RPE673; RPE673AN	586.07	
27 52 23 00-0044	EA	Replacement Power For RPE673; RPE673PS	781.30	
27 52 23 00-0045	EA	Alphanumeric Pager; RPR583	950.83	
27 52 23 00-0046	EA	Replacement Holster For RPR583; RPR583H	55.91	

27 52 23 00-0047 Wireless Nurses Call System (Fisher-Berkley) *(27 52 23 00-0001)*

Note: Repair Parts: Alco Sales

27 52 23 00-0048	EA	Staff Station (Fisher-Berkley AL-59900R)	597.70	
27 52 23 00-0049	EA	Area Central Module (Fisher-Berkley AL-59901R)	489.58	
27 52 23 00-0050	EA	Dual Patient (Fisher-Berkley AL-59902R)	561.72	
27 52 23 00-0051	EA	Code Blue (Fisher-Berkley AL-59903R)	345.42	
27 52 23 00-0052	EA	Bath Emergency Station (Fisher-Berkley AL-59904R)	501.59	
27 52 23 00-0053	EA	Single Station With Sidecoom (Fisher-Berkley AL-59905R)	633.74	
27 52 23 00-0054	EA	Dual Station With Sidecom (Fisher-Berkley AL-59906R)	839.78	
27 52 23 00-0055	EA	Single Patient Station (Fisher-Berkley AL-59907R)	369.45	
27 52 23 00-0056	EA	Duty Station (Fisher-Berkley AL-59908R)	393.48	
27 52 23 00-0057	EA	Master Station (Fisher-Berkley AL-59909R)	4,294.81	
27 52 23 00-0058	EA	Station In/Out Board (Fisher-Berkley AL-59910R)	2,152.84	
27 52 23 00-0059	EA	Power Supply (Fisher-Berkley AL-59911R)	2,141.91	
27 52 23 00-0060	EA	Pillow Speaker (Fisher-Berkley AL-59913R)	465.55	
27 52 23 00-0061	EA	Staff Presence Station (Fisher-Berkley AL-59914R)	369.45	
27 52 23 00-0062	EA	HB System Patient Station (Fisher-Berkley AL-59915R)	405.49	
27 52 23 00-0063	EA	HB System Staff Station (Fisher-Berkley AL-59916R)	381.46	
27 52 23 00-0064	EA	Station In/Out Board Expdr (Fisher-Berkley AL-59917R)	1,790.63	
27 52 23 00-0065	EA	Master In/Out Board (Fisher-Berkley AL-59918R)	1,478.29	
27 52 23 00-0066	EA	MMC Central Processor Unit (Fisher-Berkley AL-59919R)	1,785.82	

27 52 23 00-0067 Equipment Nurses Call Systems *(27 52 23)*

27 52 23 00-0068	EA	Nurses Call System, Page/Talk Relay Intercommunication Equipment	198.46	51.87
27 52 23 00-0069	EA	Nurses Call System, Main Equipment Panel Intercommunication Equipment	1,947.45	207.49
27 52 23 00-0070	EA	Nurses Call System, Re-Entrant Horn Intercommunication Equipment	215.96	67.83
27 52 23 00-0071	EA	Nurses Call System, Nurses Control Station Intercommunication Equipment	1,091.86	199.50
27 52 23 00-0072	EA	Nurses Call System, Duty Station Intercommunication Equipment	527.65	155.61
27 52 23 00-0073	EA	Nurses Call System, Staff Station Intercommunication Equipment	261.45	51.87
27 52 23 00-0074	EA	Nurses Call System, Single Bedside Station Intercommunication Equipment	249.00	51.87
27 52 23 00-0075	EA	Nurses Call System, Double Bedside Station Intercommunication Equipment	386.42	90.78
27 52 23 00-0076	EA	Nurses Call System, Emergency Call Button Intercommunication Equipment	121.69	39.90
27 52 23 00-0077	EA	Nurses Call System, Pull Cord Button Intercommunication Equipment	113.67	39.90
27 52 23 00-0078	EA	Nurses Call System, Single Dome Light Intercommunication Equipment	81.01	25.94
27 52 23 00-0079	EA	Nurses Call System, Double Dome Light Intercommunication Equipment	118.26	39.90
27 52 23 00-0080	EA	Nurses Call System, Pillow Speaker Intercommunication Equipment	163.71	25.94
27 52 23 00-0081	EA	Nurses Call System, Cord Set Intercommunication Equipment	87.05	25.94
27 52 23 00-0082	EA	Nurse Call System, Master-20 Station	3,888.93	199.50
27 52 23 00-0083	EA	Dukane Duty Station - Tone Only, PC1000	694.39	155.71

27 53 Distributed Systems *(27 50)*

27 53 13 Clock Systems *(27 53)*

27 53 13 16 Wired Clock Systems *(27 53 13)*

27 53 13 16-0001 Wired Self-Corrective Clock Systems *(27 53 13 16)*

27 53 13 16-0002 Wired Self-Corrective Clocks *(27 53 13 16-0001)*

27 53 13 16-0003 Analog, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*

27 53 13 16-0004 24 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*

27 53 13 16-0005	EA	12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	172.03	24.94
		For >50 To 100, Deduct	*-12.35*	
		For >100, Deduct	*-17.24*	
27 53 13 16-0006	EA	12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	390.07	24.94
		For >50 To 100, Deduct	*-21.08*	
		For >100, Deduct	*-34.68*	
27 53 13 16-0007	EA	16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	212.24	24.94
		For >50 To 100, Deduct	*-15.59*	
		For >100, Deduct	*-22.08*	
27 53 13 16-0008	EA	16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	510.69	24.94
		For >50 To 100, Deduct	*-53.55*	
		For >100, Deduct	*-71.98*	

27 53 13 16-0009 120 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0010	EA	12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	172.03	24.94
		For >50 To 100, Deduct	*-12.35*	
		For >100, Deduct	*-17.24*	
27 53 13 16-0011	EA	12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	390.07	24.94
		For >50 To 100, Deduct	*-21.08*	
		For >100, Deduct	*-34.68*	
27 53 13 16-0012	EA	16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	212.24	24.94
		For >50 To 100, Deduct	*-15.59*	
		For >100, Deduct	*-22.08*	
27 53 13 16-0013	EA	16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	510.69	24.94
		For >50 To 100, Deduct	*-53.55*	
		For >100, Deduct	*-71.98*	
27 53 13 16-0014		Accessories For Analog Wired Self-Corrective Clocks *(27 53 13 16-0003)*		
27 53 13 16-0015	EA	Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	137.05	12.47
27 53 13 16-0016	EA	Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	40.40	12.47
27 53 13 16-0017	EA	Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	49.30	12.47
27 53 13 16-0018	EA	Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	58.58	12.47
27 53 13 16-0019	EA	Combination Back Box For Speaker And Clock	102.25	19.95
27 53 13 16-0020		Digital, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*		
27 53 13 16-0021		24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0022	EA	2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	209.15	24.94
		For Surface Mount, Add	*31.86*	
		For >50 To 100, Deduct	*-9.56*	
		For >100, Deduct	*-15.93*	
27 53 13 16-0023	EA	4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	314.30	24.94
		For Surface Mount, Add	*52.89*	
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-26.44*	
27 53 13 16-0024		120 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0025	EA	2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	209.15	24.94
		For Surface Mount, Add	*31.86*	
		For >50 To 100, Deduct	*-9.56*	
		For >100, Deduct	*-15.93*	
27 53 13 16-0026	EA	4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	314.30	24.94
		For Surface Mount, Add	*52.89*	
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-26.44*	
27 53 13 16-0027		Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0028	EA	2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	180.93	24.94
		For >50 To 100, Deduct	*-7.86*	
		For >100, Deduct	*-13.11*	
27 53 13 16-0029	EA	4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	288.79	24.94
		For >50 To 100, Deduct	*-14.34*	
		For >100, Deduct	*-23.89*	
27 53 13 16-0030		Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0031	EA	2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	180.93	24.94
		For >50 To 100, Deduct	*-7.86*	
		For >100, Deduct	*-13.11*	
27 53 13 16-0032	EA	4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	288.79	24.94
		For >50 To 100, Deduct	*-14.34*	
		For >100, Deduct	*-23.89*	
27 53 13 16-0033		Accessories For Digital Wired Self-Corrective Clocks *(27 53 13 16-0020)*		
27 53 13 16-0034	EA	Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks	184.22	12.47
27 53 13 16-0035	EA	2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	49.68	12.47
27 53 13 16-0036	EA	4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	65.92	12.47
27 53 13 16-0037	EA	Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	161.79	12.47
27 53 13 16-0038	EA	4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks	50.85	12.47
27 53 13 16-0039		Wired Self-Corrective Master Clocks *(27 53 13 16-0001)*		
27 53 13 16-0040		Wired Self-Corrective Master Clocks *(27 53 13 16-0039)*		
27 53 13 16-0041	EA	24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24)	1,942.29	199.50
27 53 13 16-0042	EA	120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120)	2,058.27	199.50
27 53 13 16-0043		Accessories For Wired Self-Corrective Master Clocks *(27 53 13 16-0039)*		
27 53 13 16-0044	EA	5 Amp Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405)	216.90	49.87
27 53 13 16-0045	EA	10 Amp Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406)	241.25	49.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0046		Other Clock And Program Systems *(27 53 13 16)*		
27 53 13 16-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512)	1,191.18	99.76
27 53 13 16-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512)	1,484.71	199.50
27 53 13 16-0049	EA	Program Bell (Lathem 906-6)	195.26	49.87
27 53 13 16-0050	EA	Combination Clock And Speaker	449.72	124.69

END OF SECTION 27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 Electronic Safety And Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results For Electronic Safety And Security *(28)*

28 05 14 Conductors And Cables For Electronic Safety And Security *(28 05)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

28 05 14 16 Access Control Communications Conductors And Cables *(28 05 14)*

See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable.

28 05 14 23 Fire Alarm Communications Conductors And Cables *(28 05 14)*

28 05 14 23-0001 Fire Alarm/Life Safety Cable *(28 05 14 23)*

28 05 14 23-0002 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(28 05 14 23-0001)*

28 05 14 23-0003 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(28 05 14 23-0002)*

28 05 14 23-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,519.15	678.71
28 05 14 23-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,817.30	703.25
28 05 14 23-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,731.36	771.47
28 05 14 23-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,202.35	799.02
28 05 14 23-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,980.73	863.65
28 05 14 23-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,648.55	894.77
28 05 14 23-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,493.33	987.55
28 05 14 23-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,526.11	1,022.75

28 05 14 23-0012 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(28 05 14 23-0002)*

28 05 14 23-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,650.34	1,357.62
28 05 14 23-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,989.39	1,406.50
28 05 14 23-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,017.16	1,543.16
28 05 14 23-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,534.03	1,598.02
28 05 14 23-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,420.14	1,727.70
28 05 14 23-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,139.85	1,789.55
28 05 14 23-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,139.23	1,975.08
28 05 14 23-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,230.86	2,045.90

28 05 14 23-0021 Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(28 05 14 23-0001)*

28 05 14 23-0022	MLF	2/c #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,010.08	555.41
28 05 14 23-0023	MLF	4/c #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,082.88	575.17
28 05 14 23-0024	MLF	2/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,229.94	678.71
28 05 14 23-0025	MLF	3/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,299.70	690.98
28 05 14 23-0026	MLF	4/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,343.62	703.25
28 05 14 23-0027	MLF	6/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,480.14	727.79
28 05 14 23-0028	MLF	8/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,672.08	752.33
28 05 14 23-0029	MLF	2/c #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,427.41	771.47
28 05 14 23-0030	MLF	4/c #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,579.88	799.02
28 05 14 23-0031	MLF	2/c #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,642.37	863.65
28 05 14 23-0032	MLF	4/c #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,876.12	894.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 05 14 23-0033	MLF	2/c #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,979.74	987.55
28 05 14 23-0034	MLF	4/c #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,351.23	1,022.75
28 05 14 23-0035		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(28 05 14 23-0001)*		
28 05 14 23-0036		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(28 05 14 23-0035)*		
28 05 14 23-0037	MLF	2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,003.44	555.41
28 05 14 23-0038	MLF	2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,225.62	678.71
28 05 14 23-0039	MLF	3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,341.40	690.98
28 05 14 23-0040	MLF	4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,355.17	703.25
28 05 14 23-0041	MLF	6/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,540.41	727.79
28 05 14 23-0042	MLF	2/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,420.89	771.47
28 05 14 23-0043	MLF	4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,594.51	799.02
28 05 14 23-0044	MLF	2/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,613.02	863.65
28 05 14 23-0045	MLF	4/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,992.75	894.77
28 05 14 23-0046	MLF	2/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,970.15	987.55
28 05 14 23-0047	MLF	4/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,528.29	1,022.75
28 05 14 23-0048		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(28 05 14 23-0035)*		
28 05 14 23-0049	MLF	2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	1,929.14	1,111.24
28 05 14 23-0050	MLF	2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,356.81	1,357.62
28 05 14 23-0051	MLF	3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,492.53	1,381.56
28 05 14 23-0052	MLF	4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,527.26	1,406.50
28 05 14 23-0053	MLF	6/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,753.39	1,455.38
28 05 14 23-0054	MLF	2/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,706.69	1,543.16
28 05 14 23-0055	MLF	4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,926.19	1,598.02
28 05 14 23-0056	MLF	2/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,052.43	1,727.70
28 05 14 23-0057	MLF	4/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,484.05	1,789.55
28 05 14 23-0058	MLF	2/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,616.05	1,975.08
28 05 14 23-0059	MLF	4/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,233.04	2,045.90
28 05 14 23-0060		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(28 05 14 23-0001)*		
28 05 14 23-0061		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(28 05 14 23-0060)*		
28 05 14 23-0062	MLF	2/c #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,030.78	555.41
28 05 14 23-0063	MLF	2/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,245.14	678.71
28 05 14 23-0064	MLF	3/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,413.87	690.98
28 05 14 23-0065	MLF	4/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,375.15	703.25
28 05 14 23-0066	MLF	6/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,560.84	727.79
28 05 14 23-0067	MLF	2/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,465.76	771.47
28 05 14 23-0068	MLF	4/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,615.26	799.02
28 05 14 23-0069	MLF	2/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,709.80	863.65
28 05 14 23-0070	MLF	4/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,944.23	894.77
28 05 14 23-0071	MLF	2/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,041.77	987.55
28 05 14 23-0072	MLF	4/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,380.96	1,022.75
28 05 14 23-0073		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(28 05 14 23-0060)*		
28 05 14 23-0074	MLF	2/c #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	1,956.48	1,111.24
28 05 14 23-0075	MLF	2/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,376.33	1,357.62
28 05 14 23-0076	MLF	3/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,565.00	1,381.56
28 05 14 23-0077	MLF	4/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,547.24	1,406.50
28 05 14 23-0078	MLF	6/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,773.82	1,455.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 05 14 23-0079	MLF	2/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,751.56	1,543.16
28 05 14 23-0080	MLF	4/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,946.94	1,598.02
28 05 14 23-0081	MLF	2/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,149.21	1,727.70
28 05 14 23-0082	MLF	4/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,435.53	1,789.55
28 05 14 23-0083	MLF	2/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,687.67	1,975.08
28 05 14 23-0084	MLF	4/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,085.71	2,045.90

28 05 14 23-0085 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable *(28 05 14 23-0001)*

28 05 14 23-0086 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(28 05 14 23-0085)*

28 05 14 23-0087	MLF	2/c #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,005.83	555.41
28 05 14 23-0088	MLF	2/c #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,257.91	678.71
28 05 14 23-0089	MLF	3/c #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,341.21	690.98
28 05 14 23-0090	MLF	4/c #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,411.81	703.25
28 05 14 23-0091	MLF	6/c #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,565.71	727.79
28 05 14 23-0092	MLF	2/c #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,446.52	771.47
28 05 14 23-0093	MLF	4/c #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,654.48	799.02
28 05 14 23-0094	MLF	2/c #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,677.91	863.65
28 05 14 23-0095	MLF	4/c #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,044.24	894.77
28 05 14 23-0096	MLF	2/c #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,997.39	987.55

28 05 14 23-0097 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(28 05 14 23-0085)*

28 05 14 23-0098	MLF	2/c #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	1,931.53	1,111.24
28 05 14 23-0099	MLF	2/c #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,389.10	1,357.62
28 05 14 23-0100	MLF	3/c #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,492.34	1,381.56
28 05 14 23-0101	MLF	4/c #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,583.90	1,406.50
28 05 14 23-0102	MLF	6/c #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,778.69	1,455.38
28 05 14 23-0103	MLF	2/c #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,732.32	1,543.16
28 05 14 23-0104	MLF	4/c #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,986.16	1,598.02
28 05 14 23-0105	MLF	2/c #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,117.32	1,727.70
28 05 14 23-0106	MLF	4/c #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,535.54	1,789.55
28 05 14 23-0107	MLF	2/c #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,643.29	1,975.08

28 05 26 Grounding And Bonding For Electronic Safety And Security *(28 05)*

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 53 Identification For Electronic Safety And Security *(28 05)*

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control *(28)*

Note: Includes testing of new devices and certification.

28 15 Integrated Access Control Hardware Devices *(28 10)*

28 15 11 Integrated Credential Readers and Field Entry Management *(28 15)*

28 15 11 13 Keypads *(28 15 11)*

28 15 11 13-0001 Vindicator Security Alarm System *(28 15 11 13)*

28 15 11 13-0002	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00	1,142.49	207.99
28 15 11 13-0003	EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00	1,440.97	270.32
28 15 11 13-0004	EA	Premise Control Unit (Security) Vindicator #548-32004-01	7,076.47	592.52
28 15 11 13-0005	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01	3,317.87	504.94
28 15 11 13-0006	EA	ALS Duress Switch (Security) Vindicator #192-30810-00	954.13	276.21

28 16 Access Control Interfaces *(28 10)*

28 16 11 Access Control Interfaces to Access Control Hardware *(28 16)*

28 16 11 00-0001 Stand Alone Access Controls *(28 16 11)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0002		Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0003		Interior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*		
28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount to a standard mullion.	100.04	24.94
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	104.22	24.94
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	128.27	24.94
28 16 11 00-0007		Exterior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)* Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.		
28 16 11 00-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	122.34	24.94
28 16 11 00-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Includes post, mounting base and push button control. Excludes concrete foundation.	566.35	74.81
28 16 11 00-0010	EA	Three Button, Exterior Stand Alone Access Controls For Gate Operators Note: Includes open, close and stop controls.	190.98	24.94
28 16 11 00-0011		Key Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0012		Interior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*		
28 16 11 00-0013	EA	Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.	136.11	24.94
28 16 11 00-0014		Exterior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0015	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls Note: Opens door or gate with a postal or fire department key.	214.74	49.87
28 16 11 00-0016	EA	Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls	325.54	49.87
28 16 11 00-0017	EA	Ace Key, Key Controls, Exterior Stand Alone Access Controls	325.54	49.87
28 16 11 00-0018	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls	484.42	49.87
28 16 11 00-0019		Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0020		Interior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)*		
28 16 11 00-0021	EA	One Code Memory, Keypad Control, Interior Stand Alone Access Controls Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	185.76	24.94
28 16 11 00-0022		Exterior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)* Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0023		Keypad Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0022)*		
28 16 11 00-0024	EA	1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	774.40	99.76
		For Flush Mount, Add	*129.35*	
28 16 11 00-0025		Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls *(28 16 11 00-0022)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0026	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.	935.23	112.22
		For Flush Mount, Add	*159.93*	
28 16 11 00-0027		RF Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0028		Exterior Mount, RF Controls, Stand Alone Access Controls *(28 16 11 00-0027)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0029		RF Receivers, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0030	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	481.72	99.76
28 16 11 00-0031	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	538.17	99.76
28 16 11 00-0032	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	592.52	99.76
28 16 11 00-0033	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	651.06	99.76
28 16 11 00-0034	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	705.41	99.76
28 16 11 00-0035	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	763.95	99.76
28 16 11 00-0036	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	818.30	99.76
28 16 11 00-0037		RF Transmitters, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0038	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	35.54	
		For >40 To 110, Deduct	*-1.78*	
		For >110, Deduct	*-3.55*	
		For Built In Proximity Tags, Add	*7.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0039	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	37.63	
		For >40 To 110, Deduct	*-1.88*	
		For >110, Deduct	*-3.76*	
		For Built In Proximity Tags, Add	*7.53*	
28 16 11 00-0040	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	39.72	
		For >40 To 110, Deduct	*-1.99*	
		For >110, Deduct	*-3.97*	
		For Built In Proximity Tags, Add	*7.94*	
28 16 11 00-0041		Accessories For RF Receivers, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0042	EA	Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	199.80	74.81
28 16 11 00-0043	EA	Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 20' of coax cable.	358.69	74.81
28 16 11 00-0044	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	329.42	74.81
28 16 11 00-0045		Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0046		Exterior Mount, Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0045)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0047		DKS Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0048		DKS Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0047)*		
28 16 11 00-0049	EA	DKS Proximity Card Reader, Exterior Stand Alone Access Controls	878.93	99.76
28 16 11 00-0050		AWID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0051		AWID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0050)*		
28 16 11 00-0052	EA	AWID Proximity Card Reader, Exterior Stand Alone Access Controls	952.10	99.76
28 16 11 00-0053		HID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0054		HID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0053)*		
28 16 11 00-0055	EA	HID Proximity Card Reader, Exterior Stand Alone Access Controls	1,119.34	99.76
28 16 11 00-0056		Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0057		Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)*		
28 16 11 00-0058	EA	Magnetic Stripe Reader, Interior Stand Alone Access Controls	544.44	99.76
28 16 11 00-0059		Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)* Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA	Magnetic Stripe Reader, Exterior Stand Alone Access Controls	662.49	99.76
28 16 11 00-0061		Other Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0062	EA	Toggle Switch, Interior Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.	96.91	24.94
28 16 11 00-0063	EA	Request To Exit Motion Detector (Bosch Security Systems DS160)	97.35	19.95
28 16 11 00-0064		Wiegand Output Access Controls *(28 16 11)* Note: Excludes controllers.		
28 16 11 00-0065		Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0066		DKS, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0067		DKS, Proximity Cards *(28 16 11 00-0066)*		
28 16 11 00-0068	EA	Clamshell Type, DKS Proximity Card (DKS 170)	5.56	
28 16 11 00-0069	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80)	9.17	
28 16 11 00-0070	EA	DKS Proximity Key Fob (DKS 50)	9.66	
28 16 11 00-0071	EA	Active Tag, DKS Proximity Tag (DKS 150) Note: Battery powered tag to boost signal.	54.63	
28 16 11 00-0072	EA	Active Tag, DKS Proximity Tag (DKS 200) Note: Battery powered tag to boost signal.	71.22	
28 16 11 00-0073		DKS, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0066)*		
28 16 11 00-0074	EA	Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small)	360.60	124.69
28 16 11 00-0075	EA	Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	360.60	124.69
28 16 11 00-0076	EA	Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	360.60	124.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0077	EA	Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS) Note: Includes mounting bracket and 12 VDC regulated power supply.	881.56	124.69
28 16 11 00-0078		**AWID, Proximity Card Controls, Wiegand Output Access Controls** *(28 16 11 00-0065)*		
28 16 11 00-0079		**AWID, Proximity Cards** *(28 16 11 00-0078)*		
28 16 11 00-0080	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS)	4.68	
28 16 11 00-0081	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR)	7.32	
28 16 11 00-0082	EA	AWID Proximity Key Fob (AWID Prox-Linc KT)	7.80	
28 16 11 00-0083	EA	Windshield Tag For LR 2000 Readers, AWID Proximity Tag	27.32	
28 16 11 00-0084	EA	Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	27.32	
28 16 11 00-0085		**AWID, Proximity Card Readers, Wiegand Output Access Controls** *(28 16 11 00-0078)*		
28 16 11 00-0086	EA	Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400) Note: For mullion mounting.	424.99	124.69
28 16 11 00-0087	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800) Note: For mullion mounting.	565.47	124.69
28 16 11 00-0088	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820) Note: For single gang electrical box mounting.	565.47	124.69
28 16 11 00-0089	EA	Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824) Note: Includes 12 VDC regulated power supply.	883.51	124.69
28 16 11 00-0090	EA	Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000) Note: Includes mounting bracket and 12 VDC regulated power supply.	4,700.02	124.69
28 16 11 00-0091		**HID, Proximity Card Controls, Wiegand Output Access Controls** *(28 16 11 00-0065)*		
28 16 11 00-0092		**HID, Proximity Cards** *(28 16 11 00-0091)*		
28 16 11 00-0093	EA	Clamshell Type, HID Proximity Card (HID ProxCard II)	13.14	
28 16 11 00-0094	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II)	16.65	
28 16 11 00-0095	EA	HID Proximity Key Fob (HID ProxKey II)	17.04	
28 16 11 00-0096		**HID, Proximity Card Readers, Wiegand Output Access Controls** *(28 16 11 00-0091)*		
28 16 11 00-0097	EA	Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) Note: For mullion mounting. (HID P/N 6005).	389.58	124.69
28 16 11 00-0098	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II) Note: For single gang electrical box mounting. (HID P/N 5395).	446.22	124.69
28 16 11 00-0099	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx) Note: For mullion mounting. (HID P/N 5365).	488.71	124.69
28 16 11 00-0100	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	603.41	124.69
28 16 11 00-0101		**Contactless Smart Card Controls, Wiegand Output Access Controls** *(28 16 11 00-0064)*		
28 16 11 00-0102		**HID, Contactless Smart Cards** *(28 16 11 00-0101)*		
28 16 11 00-0103	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	8.59	
28 16 11 00-0104	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	9.37	
28 16 11 00-0105	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	12.26	
28 16 11 00-0106	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card Note: Battery powered tag to boost signal.	6.64	
28 16 11 00-0107		**HID, Contactless Smart Card Readers, Wiegand Output Access Controls** *(28 16 11 00-0101)*		
28 16 11 00-0108	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10) Note: For mullion mounting.	404.22	124.69
28 16 11 00-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40) Note: For mullion mounting.	533.00	124.69
28 16 11 00-0110	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40) Note: For mullion mounting.	822.75	124.69
28 16 11 00-0111		**HID, Contactless Smart Card Programmer, Wiegand Output Access Controls** *(28 16 11 00-0101)*		
28 16 11 00-0112	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400) Note: For mullion mounting.	2,452.40	124.69
28 16 11 00-0113		**Call Station Controls, Wiegand Output Access Controls** *(28 16 11 00-0064)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0114	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,001.98	124.69
28 16 11 00-0115	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls Note: For mullion mounting.	845.19	124.69
28 16 11 00-0116		Biometrics Readers, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0117	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	3,949.10	99.76
28 16 11 00-0118	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	4,810.73	99.76
28 16 11 00-0119	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	1,931.42	99.76
28 16 11 00-0120	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	1,264.98	99.76
28 16 11 00-0121	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	1,402.96	99.76
28 16 11 00-0122	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	1,264.98	99.76
28 16 11 00-0123		Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11)* Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0124		2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)*		
28 16 11 00-0125	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 5" x 5" base plate.	259.10	17.70
28 16 11 00-0126	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	505.78	17.70
28 16 11 00-0127	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	234.01	17.70
28 16 11 00-0128		4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)*		
28 16 11 00-0129	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	466.06	17.70
28 16 11 00-0130	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	558.05	17.70
28 16 11 00-0131	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	338.54	17.70
28 16 11 00-0132		4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls *(28 16 11 00-0123)*		
28 16 11 00-0133	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	1,530.15	17.70
28 16 11 00-0134	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	1,603.32	17.70
28 16 11 00-0135	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	652.12	17.70
28 16 11 00-0136	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	1,049.33	17.70
28 16 11 00-0137		Magnetic Locks *(28 16 11)* Note: Excludes access controls.		
28 16 11 00-0138		Magnetic Door Locks *(28 16 11 00-0137)*		
28 16 11 00-0139		300 LB Magnetic Door Locks *(28 16 11 00-0138)*		
28 16 11 00-0140	EA	Single Door, Surface Mount, 300 LB Magnetic Door Lock	448.28	99.76
28 16 11 00-0141		600 LB Magnetic Door Locks *(28 16 11 00-0138)*		
28 16 11 00-0142	EA	Single Door, Surface Mount, 600 LB Magnetic Door Lock	620.75	99.76
		For LED Status Indicator And Signal Relay, Add	*52.66*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*105.31*	
		For Mortise Mount, Deduct	*-84.25*	
28 16 11 00-0143	EA	Dual Doors, Surface Mount, 600 LB Magnetic Door Lock	904.02	99.76
		For LED Status Indicator And Signal Relay, Add	*88.07*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*176.13*	
28 16 11 00-0144		1,200 LB Magnetic Door Locks *(28 16 11 00-0138)*		
28 16 11 00-0145	EA	Single Door, Surface Mount, 1,200 LB Magnetic Door Lock	646.88	99.76
		For LED Status Indicator And Signal Relay, Add	*102.90*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*134.21*	
28 16 11 00-0146	EA	Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock	960.46	99.76
		For LED Status Indicator And Signal Relay, Add	*175.02*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*228.29*	
28 16 11 00-0147		2,000 LB Shear Lock, Magnetic And Mechanical Locks *(28 16 11 00-0138)* Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0148	EA	Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock	675.10	99.76
28 16 11 00-0149		Magnetic Gate Locks *(28 16 11 00-0137)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0150		**600 LB Magnetic Gate Locks** *(28 16 11 00-0149)*		
28 16 11 00-0151	EA	600 LB Magnetic Gate Lock	517.26	99.76
28 16 11 00-0152		**1,200 LB Magnetic Gate Locks** *(28 16 11 00-0149)*		
28 16 11 00-0153	EA	1,200 LB Magnetic Gate Lock	612.38	99.76
		For LED Status Indicator And Signal Relay, Add	*51.61*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*103.22*	
		For Mortise Mount, Deduct	*-82.58*	
28 16 11 00-0154		**Magnetic Lock Power Supply And Chargers** *(28 16 11 00-0137)*		
		Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0155	EA	12/24 Volt DC At 1 Amp, Magnetic Lock Backup Power Supply And Charger	395.57	99.76
28 16 11 00-0156	EA	12/24 Volt DC At 2-1/2 Amp, Magnetic Lock Backup Power Supply And Charger	490.34	99.76
28 16 11 00-0157	EA	12 Volt DC At 4 Amp And 24 Volt DC At 3 Amp, Magnetic Lock Backup Power Supply And Charger	546.09	99.76
28 16 11 00-0158	EA	12/24 Volt DC At 6 Amp, Magnetic Lock Backup Power Supply And Charger	674.31	99.76
28 16 11 00-0159		**Access Control Accessories** *(28 16 11)*		
28 16 11 00-0160	EA	6 Volt DC, 12 Volt DC, Or 24 Volt DC, @ 4 Amps, Power Supply/Charger (Altronix SMP-5)	400.27	
28 16 11 00-0161	EA	12 Volt, 7 Amp, Battery (Power-Sonic PS12N7D3B)	48.95	
28 16 11 00-0162	EA	12 Volt, 18 Amp, Battery (Power-Sonic PTX20LBS)	109.11	
28 16 11 00-0163	EA	Door Personality Module (Sensormatic RM-4)	433.42	24.94
28 16 11 00-0164	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400)	192.85	49.87
28 16 11 00-0165	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	72.55	29.93
28 16 11 00-0166	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB)	457.52	19.95
28 16 11 00-0167	EA	Surge Suppressor (Tripp-Lite IBAR4)	70.15	5.00
28 16 11 00-0168	EA	Door Strike Relay (Altronix RBSN-TTL)	58.47	19.95
28 16 11 00-0169	EA	4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1) Note: Set in concrete.	362.38	
28 16 11 00-0170	EA	16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16)	469.37	124.69
28 16 11 00-0171		**Access Controllers** *(28 16 11)*		
28 16 11 00-0172		**Microterm Controller** *(28 16 11 00-0171)*		
28 16 11 00-0173	EA	Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICP1100) Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	1,098.77	124.69
28 16 11 00-0174	EA	Microterm PC Board (Continental Instruments CICP1100PCB)	771.20	74.81
28 16 11 00-0175	EA	Battery Standby For Microterm (Continental Instruments CICP1100BAT-2) Note: Input 120VAC, output 12VDC to temporarily power the Microterm only.	353.51	
28 16 11 00-0176		**Miniterm Controller** *(28 16 11 00-0171)*		
28 16 11 00-0177	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICP1200) Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	1,681.92	124.69
28 16 11 00-0178	EA	Miniterm PC Board (Continental Instrument CICP1200PCB)	1,247.83	74.81
28 16 11 00-0179		**Super-2 Controller** *(28 16 11 00-0171)*		
28 16 11 00-0180	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	1,262.66	124.69
28 16 11 00-0181	EA	Super-Two - PC Board (Continental Instruments CICP1300BD)	847.13	74.81
28 16 11 00-0182	EA	Network Interface Board For Super-2 (Continental Instruments CICP1300NETBD) Note: Optional on-board adapter allows for communication over TCP/IP.	253.53	74.81
28 16 11 00-0183		**Smarterm Controller** *(28 16 11 00-0171)*		
28 16 11 00-0184	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	3,471.51	149.63
28 16 11 00-0185	EA	Smarterm PC Board (Continental Instrument CICP1400PCB)	2,637.13	74.81
28 16 11 00-0186	EA	Smarterm Memory Board - 256K (Continental Instrument CICP1400MB256-1) Note: Up to 10,000 cardholders.	1,042.20	74.81
28 16 11 00-0187	EA	Smarterm Memory Board - 2MB (Continental Instrument CICP1400MB2-1) Note: Up to 50,000 cardholders.	1,470.61	74.81
28 16 11 00-0188	EA	Smarterm Relay Expander Board (Continental Instrument CICP1400RB) Note: 16 Output relays, 8 alarm inputs.	1,149.59	74.81
28 16 11 00-0189	EA	Smarterm Alarm Expander Board (Continental Instrument CICP1400RB) Note: (Supervised) 16 alarm inputs.	1,149.59	74.81
28 16 11 00-0190		**Superterm-4 Controller** *(28 16 11 00-0171)*		
28 16 11 00-0191	EA	Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL) Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	3,210.08	149.63
28 16 11 00-0192	EA	Superterm-4 PC Board (Continental Instrument CICP1400ULPCB)	2,593.19	74.81
28 16 11 00-0193		**Superterm-8 Controller** *(28 16 11 00-0171)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0194	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800) Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	4,299.32	249.38
28 16 11 00-0195	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP) Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	4,656.32	249.38
28 16 11 00-0196	EA	Superterm-8 PC Board (Continental Instrument CICP1800PCB)	3,482.92	74.81
28 16 11 00-0197		**Turbo Superterm-4 Controller** *(28 16 11 00-0171)*		
28 16 11 00-0198	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT) Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	3,210.08	149.63
28 16 11 00-0199	EA	Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB)	2,593.19	74.81
28 16 11 00-0200		**Turbo Superterm-8 Controller** *(28 16 11 00-0171)*		
28 16 11 00-0201	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T) Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	4,299.32	249.38
28 16 11 00-0202	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP) Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	4,656.32	249.38
28 16 11 00-0203	EA	Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB)	3,482.92	74.81
28 16 11 00-0204	EA	Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2) Note: Up to 140,000 cardholders.	1,470.61	74.81
28 16 11 00-0205	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2) Note: Up to 140,000 cardholders.	1,242.11	74.81
28 16 11 00-0206	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB) Note: 16 Output relays, 8 alarm inputs.	1,150.74	74.81
28 16 11 00-0207	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB) Note: (Supervised) 16 Alarm inputs.	1,150.74	74.81
28 16 11 00-0208	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPPWS)	457.92	
28 16 11 00-0209		**Intelligent Controller** *(28 16 11 00-0171)*		
28 16 11 00-0210	EA	Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501)	833.04	74.81
28 16 11 00-0211	EA	Up To 64 Doors, Access Controller (Mercury Security EP-1502)	1,459.81	124.69
28 16 11 00-0212		**Access Control Bundled System** *(28 16 11)*		
28 16 11 00-0213	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0) Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	22,900.14	
28 16 11 00-0214		**Master Door Buzzer Stations** *(28 16 11)*		
28 16 11 00-0215		**Master Stations** *(28 16 11 00-0214)*		
28 16 11 00-0216	EA	Master Stations, 5 Station Intercommunication Equipment	763.86	155.61
28 16 11 00-0217	EA	Master Stations, 10 Station Intercommunication Equipment	1,185.35	301.25
28 16 11 00-0218	EA	Master Station, Desk Style Remote Intercommunication Equipment	334.33	77.80
28 16 11 00-0219	EA	Master Station, Flush Wall Remote Intercommunication Equipment	444.88	129.68
28 16 11 00-0220	EA	Sound System Outlet, Protector	123.93	50.77
28 16 11 00-0221	EA	Sound System Microphone Outlet	225.23	103.94
28 16 11 00-0222	EA	Sound System Speaker Ceiling Or Wall	156.28	50.77
28 16 11 00-0223	EA	Sound System Monitor Panel	431.76	103.94
28 16 11 00-0224	EA	Sound System Volume Control	138.85	50.77
28 16 11 00-0225	EA	Sound System Amplifier 250 W	1,961.13	415.66
28 16 11 00-0226	EA	Sound System Cabinet	1,241.82	415.66
28 16 11 00-0227		**Master Door Stations** *(28 16 11 00-0214)*		
28 16 11 00-0228	EA	Master Door Stations, Button Buzzer Type, 25 Station	1,907.39	
		For Intercom Type Master Door Station, Add	*124.23*	
28 16 11 00-0229	EA	Master Door Stations, Button Buzzer Type, 50 Station	3,164.64	
		For Intercom Type Master Door Station, Add	*201.25*	
28 16 11 00-0230	EA	Master Door Stations, Button Buzzer Type, 75 Station	4,362.31	
		For Intercom Type Master Door Station, Add	*260.88*	
28 16 11 00-0231	EA	Master Door Stations, Button Buzzer Type, 100 Station	4,977.09	
		For Intercom Type Master Door Station, Add	*305.61*	
28 16 11 00-0232	EA	Master Door Stations, Button Buzzer Type, 150 Station	5,943.96	
		For Intercom Type Master Door Station, Add	*447.23*	
28 16 11 00-0233	EA	Master Door Stations, Button Buzzer Type, 200 Station	6,909.00	
		For Intercom Type Master Door Station, Add	*576.43*	
28 16 11 00-0234	EA	Master Door Stations, Button Buzzer Type, 250 Station	8,672.67	
		For Intercom Type Master Door Station, Add	*745.38*	
28 16 11 00-0235	EA	Master Door Stations, Button Buzzer Type, 300 Station	10,405.95	
		For Intercom Type Master Door Station, Add	*854.70*	
28 16 11 00-0236	EA	Transformer	132.06	
28 16 11 00-0237	EA	Door Opener	195.98	
28 16 11 00-0238	EA	Buzzer With Door Release And Plate	245.88	
28 16 11 00-0239	EA	Amplifier For Intercom Type Unit	367.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0240	EA	Speaker With Door Release	158.98	
28 16 11 00-0241		Request To Exit Detector *(28 16 11)*		
28 16 11 00-0242	EA	Request-To-Exit Detector; Bosch DS160	166.08	77.80
28 16 11 00-0243		Access Power Controllers *(28 16 11)*		
28 16 11 00-0244	EA	26" x 19" x 6.25" Access Power Controller Enclosure; A Tronix; Maim 75D Note: Includes power supply	1,086.80	91.77

28 18 Security Access Detection Equipment *(28 10)*

28 18 11 Security Access Metal Detectors *(28 18)*

28 18 11 00-0001	EA	Handheld Scanner (Garrett Super Scanner V)	174.18	24.94
28 18 11 00-0002	EA	Single-Zone, Walk-Through Metal Detector, Complete Unit (Garrett CS 5000)	2,754.16	299.26
28 18 11 00-0003	EA	Multi-Zone, Walk-Through Metal Detector, Complete Unit (Garrett PD 6500I)	4,216.66	399.00

28 20 Video Surveillance *(28)*

Note: Includes testing of new devices and certification.

28 21 Surveillance Cameras *(28 20)*

28 21 31 Proprietary Surveillance Camera Systems *(28 21)*

28 21 31 00-0001		Closed Circuit Television And Surveillance Systems (Pelco) *(28 21 31)* Note: Includes programming of equipment, testing of new devices and certification.		
28 21 31 00-0002		Cameras And Accessories *(28 21 31 00-0001)*		
28 21 31 00-0003		Cameras *(28 21 31 00-0002)*		
28 21 31 00-0004		Compact, 1/3" Format Cameras *(28 21 31 00-0003)*		
28 21 31 00-0005		High Resolution Color, Compact, 1/3" Format Cameras *(28 21 31 00-0004)*		
28 21 31 00-0006	EA	Wide Dynamic Range, High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco CCC1390H)	539.62	24.97
28 21 31 00-0007	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	444.12	24.97
28 21 31 00-0008		Day/Night, Compact, 1/3" Format Cameras *(28 21 31 00-0004)*		
28 21 31 00-0009	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	265.34	24.97
28 21 31 00-0010		Camerapaks *(28 21 31 00-0002)* Note: Includes camera and lens.		
28 21 31 00-0011		Camerapaks *(28 21 31 00-0010)*		
28 21 31 00-0012		High Resolution Color, Camerapaks *(28 21 31 00-0011)*		
28 21 31 00-0013		Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0012)*		
28 21 31 00-0014		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0013)*		
28 21 31 00-0015	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	342.88	24.97
28 21 31 00-0016	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	322.78	24.97
28 21 31 00-0017	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	313.45	24.97
28 21 31 00-0018	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	311.29	24.97
28 21 31 00-0019		Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0013)*		
28 21 31 00-0020	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	373.04	24.97
28 21 31 00-0021	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	342.88	24.97
28 21 31 00-0022	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	335.70	24.97
28 21 31 00-0023	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	329.96	24.97
28 21 31 00-0024		Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0012)*		
28 21 31 00-0025		Manual Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0024)*		
28 21 31 00-0026	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	402.48	24.97
28 21 31 00-0027	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	363.71	24.97
28 21 31 00-0028	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	332.11	24.97
28 21 31 00-0029	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	319.19	24.97
28 21 31 00-0030	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	367.30	24.97
28 21 31 00-0031		Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0024)*		
28 21 31 00-0032	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	434.07	24.97
28 21 31 00-0033	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	407.50	24.97
28 21 31 00-0034	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	362.27	24.97
28 21 31 00-0035	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	324.22	24.97
28 21 31 00-0036	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	382.37	24.97
28 21 31 00-0037	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	431.20	24.97
28 21 31 00-0038	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	493.66	24.97

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0039		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0024)*		
28 21 31 00-0040	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	340.73	24.97
28 21 31 00-0041	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	406.07	24.97
28 21 31 00-0042		High Resolution Day/Night, Camerapaks *(28 21 31 00-0011)*		
28 21 31 00-0043		Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0042)*		
28 21 31 00-0044		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0043)*		
28 21 31 00-0045	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	681.78	24.97
28 21 31 00-0046	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	636.55	24.97
28 21 31 00-0047	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	598.49	24.97
28 21 31 00-0048	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	656.65	24.97
28 21 31 00-0049	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	705.47	24.97
28 21 31 00-0050	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	767.22	24.97
28 21 31 00-0051		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0043)*		
28 21 31 00-0052	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	615.01	24.97
28 21 31 00-0053	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	680.34	24.97
28 21 31 00-0054		Compact Camerapaks *(28 21 31 00-0010)*		
28 21 31 00-0055		High Resolution Color, Compact Camerapaks *(28 21 31 00-0054)*		
28 21 31 00-0056		DSS, High Resolution Color, Compact Camerapaks *(28 21 31 00-0055)*		
28 21 31 00-0057		Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0056)*		
28 21 31 00-0058		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0057)*		
28 21 31 00-0059	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	530.28	24.97
28 21 31 00-0060	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	510.18	24.97
28 21 31 00-0061	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	500.13	24.97
28 21 31 00-0062	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	497.97	24.97
28 21 31 00-0063		Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0057)*		
28 21 31 00-0064	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	559.72	24.97
28 21 31 00-0065	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	530.28	24.97
28 21 31 00-0066	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	523.10	24.97
28 21 31 00-0067	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	517.36	24.97
28 21 31 00-0068		Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0056)*		
28 21 31 00-0069		Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0068)*		
28 21 31 00-0070	EA	1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	589.88	24.97
28 21 31 00-0071	EA	2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	550.39	24.97
28 21 31 00-0072	EA	2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	519.51	24.97
28 21 31 00-0073	EA	3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	506.59	24.97
28 21 31 00-0074	EA	5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	553.98	24.97
28 21 31 00-0075	EA	5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	584.85	24.97
28 21 31 00-0076	EA	5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	658.09	24.97
28 21 31 00-0077		Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0068)*		
28 21 31 00-0078	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	620.75	24.97
28 21 31 00-0079	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	594.90	24.97
28 21 31 00-0080	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	549.67	24.97
28 21 31 00-0081	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	510.90	24.97
28 21 31 00-0082	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	569.77	24.97
28 21 31 00-0083	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	618.60	24.97
28 21 31 00-0084	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	680.34	24.97
28 21 31 00-0085		Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0068)*		
28 21 31 00-0086	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	528.13	24.97
28 21 31 00-0087	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	593.47	24.97

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0088		EDR, High Resolution Color, Compact Camerapaks *(28 21 31 00-0055)*		
28 21 31 00-0089		Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0088)*		
28 21 31 00-0090		Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0089)*		
28 21 31 00-0091	EA	2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3)	530.28	24.97
28 21 31 00-0092	EA	2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8)	398.17	24.97
28 21 31 00-0093	EA	4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4)	388.12	24.97
28 21 31 00-0094	EA	8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8)	385.96	24.97
28 21 31 00-0095		Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0089)*		
28 21 31 00-0096	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A)	447.71	24.97
28 21 31 00-0097	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A)	418.27	24.97
28 21 31 00-0098	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A)	411.09	24.97
28 21 31 00-0099	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A)	411.09	24.97
28 21 31 00-0100		Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0088)*		
28 21 31 00-0101		Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0100)*		
28 21 31 00-0102	EA	1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1)	477.87	24.97
28 21 31 00-0103	EA	2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2)	438.38	24.97
28 21 31 00-0104	EA	2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21)	407.50	24.97
28 21 31 00-0105	EA	3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3)	394.58	24.97
28 21 31 00-0106	EA	5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5)	441.97	24.97
28 21 31 00-0107	EA	5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50)	472.84	24.97
28 21 31 00-0108	EA	5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55)	546.08	24.97
28 21 31 00-0109		Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0100)*		
28 21 31 00-0110	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A)	508.74	24.97
28 21 31 00-0111	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A)	482.89	24.97
28 21 31 00-0112	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A)	436.94	24.97
28 21 31 00-0113	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A)	398.89	24.97
28 21 31 00-0114	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A)	457.76	24.97
28 21 31 00-0115	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A)	506.59	24.97
28 21 31 00-0116	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A)	568.34	24.97
28 21 31 00-0117		Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0100)*		
28 21 31 00-0118	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	416.12	24.97
28 21 31 00-0119	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	481.46	24.97
28 21 31 00-0120		High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0054)*		
28 21 31 00-0121		Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0120)*		
28 21 31 00-0122		Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0121)*		
28 21 31 00-0123	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8)	490.07	24.97
28 21 31 00-0124		DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0121)*		
28 21 31 00-0125	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A)	551.82	24.97
28 21 31 00-0126	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A)	521.67	24.97
28 21 31 00-0127		Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0120)*		
28 21 31 00-0128		Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0127)*		
28 21 31 00-0129	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21)	510.90	24.97
28 21 31 00-0130	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3)	497.97	24.97
28 21 31 00-0131	EA	5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50)	576.95	24.97
28 21 31 00-0132		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0127)*		
28 21 31 00-0133	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A)	586.29	24.97
28 21 31 00-0134	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A)	541.05	24.97
28 21 31 00-0135	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A)	503.00	24.97
28 21 31 00-0136	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	561.16	24.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0137	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	609.98	24.97
28 21 31 00-0138	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	672.45	24.97
28 21 31 00-0139		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0127)*		
28 21 31 00-0140	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	519.51	24.97
28 21 31 00-0141	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	584.85	24.97
28 21 31 00-0142		Camera Systems *(28 21 31 00-0002)*		
28 21 31 00-0143		Camera Dome Systems *(28 21 31 00-0142)*		
28 21 31 00-0144		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0143)*		
28 21 31 00-0145		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)* Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0146		Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0145)*		
28 21 31 00-0147		Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0146)*		
28 21 31 00-0148	EA	22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	2,186.57	149.83
28 21 31 00-0149	EA	22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	2,480.95	149.83
28 21 31 00-0150	EA	22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	2,613.07	149.83
28 21 31 00-0151	EA	22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	3,601.03	149.83
28 21 31 00-0152		Color, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0146)*		
28 21 31 00-0153	EA	16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	1,852.70	149.83
28 21 31 00-0154	EA	16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	2,001.33	149.83
28 21 31 00-0155	EA	16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	2,134.16	149.83
28 21 31 00-0156	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	2,210.27	149.83
28 21 31 00-0157	EA	16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	2,210.27	149.83
28 21 31 00-0158	EA	22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	2,312.94	149.83
28 21 31 00-0159	EA	22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	2,608.04	149.83
28 21 31 00-0160	EA	22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	2,740.87	149.83
28 21 31 00-0161	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	2,816.98	149.83
28 21 31 00-0162	EA	22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	2,816.98	149.83
28 21 31 00-0163		Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0146)*		
28 21 31 00-0164	EA	23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	2,681.28	149.83
28 21 31 00-0165	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	2,976.37	149.83
28 21 31 00-0166	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	3,109.20	149.83
28 21 31 00-0167	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	3,185.31	149.83
28 21 31 00-0168	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	3,185.31	149.83
28 21 31 00-0169		Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0146)*		
28 21 31 00-0170	EA	18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	2,440.03	149.83
28 21 31 00-0171	EA	18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	2,589.37	149.83
28 21 31 00-0172	EA	18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	2,721.48	149.83
28 21 31 00-0173	EA	18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	2,797.59	149.83
28 21 31 00-0174	EA	18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	2,797.59	149.83
28 21 31 00-0175	EA	35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	2,923.24	149.83
28 21 31 00-0176	EA	35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	3,158.03	149.83
28 21 31 00-0177	EA	35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	3,290.14	149.83
28 21 31 00-0178	EA	35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	3,366.25	149.83
28 21 31 00-0179	EA	35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	3,366.25	149.83
28 21 31 00-0180		Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0145)*		
28 21 31 00-0181		Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0180)*		
28 21 31 00-0182	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	2,389.05	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0183	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	2,516.85	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0184	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	2,618.81	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0185	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	2,951.24	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0186	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	3,079.05	149.83
		For Protective Lower Dome Cage, Add	*34.65*	

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28 21 31 00-0187	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	3,181.72	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0188		Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0180)*		
28 21 31 00-0189	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	2,976.37	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0190	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	3,104.18	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0191	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	3,206.85	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0192	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	3,501.23	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0193	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	3,628.32	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0194	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	3,730.99	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0195		Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0145)*		
28 21 31 00-0196		Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0195)*		
28 21 31 00-0197	EA	18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	3,919.11	149.83
28 21 31 00-0198	EA	35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	4,443.97	149.83
28 21 31 00-0199		Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0145)*		
28 21 31 00-0200		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0199)*		
28 21 31 00-0201	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	3,415.07	149.83
28 21 31 00-0202		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0199)*		
28 21 31 00-0203	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	2,979.96	149.83
28 21 31 00-0204	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	3,542.88	149.83
28 21 31 00-0205		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0199)*		
28 21 31 00-0206	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE)	3,911.21	149.83
28 21 31 00-0207		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0199)*		
28 21 31 00-0208	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE)	3,568.01	149.83
28 21 31 00-0209	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE)	4,092.15	149.83
28 21 31 00-0210		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0145)*		
28 21 31 00-0211		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0210)*		
28 21 31 00-0212	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B)	1,403.24	149.83
28 21 31 00-0213		Spectra® IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)* Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0214		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0213)*		
28 21 31 00-0215		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0214)*		
28 21 31 00-0216	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F)	2,537.68	149.83
28 21 31 00-0217	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB)	2,670.51	149.83
28 21 31 00-0218	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E)	2,746.61	149.83
28 21 31 00-0219	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E)	2,746.61	149.83
28 21 31 00-0220	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1)	3,144.39	149.83
28 21 31 00-0221	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1)	3,277.22	149.83
28 21 31 00-0222	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1)	3,353.32	149.83
28 21 31 00-0223	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1)	3,353.32	149.83

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0224		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0214)*		
28 21 31 00-0225	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1)	3,512.72	149.83
28 21 31 00-0226	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1)	3,645.55	149.83
28 21 31 00-0227	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1)	3,721.66	149.83
28 21 31 00-0228	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1)	3,721.66	149.83
28 21 31 00-0229		Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0213)*		
28 21 31 00-0230		Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0229)*		
28 21 31 00-0231	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1)	2,925.40	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0232	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1)	3,053.20	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0233	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1)	3,155.16	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0234	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)	3,487.59	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0235	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)	3,615.39	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0236	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)	3,718.07	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0237		Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0229)*		
28 21 31 00-0238	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	3,512.72	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0239	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	3,640.52	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0240	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	3,743.20	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0241	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	4,037.58	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0242	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	4,164.66	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0243	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	4,267.34	149.83
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0244		Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0213)*		
28 21 31 00-0245		Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0244)*		
28 21 31 00-0246	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1)	3,516.31	149.83
28 21 31 00-0247	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	4,079.22	149.83
28 21 31 00-0248		Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0244)*		
28 21 31 00-0249	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	4,447.56	149.83
28 21 31 00-0250		Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0244)*		
28 21 31 00-0251	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	4,104.35	149.83
28 21 31 00-0252	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	4,628.49	149.83
28 21 31 00-0253		Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0213)*		
28 21 31 00-0254		Color, Miniature Spectra® IP Network, Mini Camera Dome Systems *(28 21 31 00-0253)*		
28 21 31 00-0255	EA	10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	1,749.31	149.83

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0256		Spectra®, Pan/Tilt Dome Drives *(28 21 31 00-0144)*		
		Note: Includes dome drive, camera and lens.		
28 21 31 00-0257	EA	10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	1,299.45	124.86
28 21 31 00-0258	EA	10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	1,644.09	124.86
28 21 31 00-0259	EA	22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	2,069.86	124.86
28 21 31 00-0260	EA	16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	1,634.75	124.86
28 21 31 00-0261	EA	22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	2,196.95	124.86
28 21 31 00-0262	EA	18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	2,222.08	124.86
28 21 31 00-0263	EA	23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	2,565.28	124.86
28 21 31 00-0264	EA	35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	2,746.93	124.86
28 21 31 00-0265	EA	35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	2,746.93	124.86
28 21 31 00-0266		Accessories For Spectra® Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)*		
28 21 31 00-0267	EA	Upgrade To Chrome Lower Dome (Pelco Spectra)	101.24	
28 21 31 00-0268	EA	Upgrade To Gold Lower Dome (Pelco Spectra)	132.11	
28 21 31 00-0269	EA	Wall Mount For Spectra® Systems (Pelco IWM-BK)	114.00	12.49
28 21 31 00-0270	EA	24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	281.30	12.49
28 21 31 00-0271	EA	Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	111.13	12.49
28 21 31 00-0272	EA	Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	271.10	12.49
28 21 31 00-0273	EA	Pole Mount Adapter For Spectra® Systems (Pelco PA402)	61.00	7.43
28 21 31 00-0274		Camclosure®, Camera Dome Systems *(28 21 31 00-0143)*		
28 21 31 00-0275		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0274)*		
28 21 31 00-0276		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)*		
28 21 31 00-0277		High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0276)*		
28 21 31 00-0278	EA	12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12)	554.56	149.83
28 21 31 00-0279	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22)	597.64	149.83
28 21 31 00-0280	EA	12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12)	658.67	149.83
28 21 31 00-0281	EA	12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12)	658.67	149.83
28 21 31 00-0282		Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0276)*		
28 21 31 00-0283	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22)	666.57	149.83
28 21 31 00-0284	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22)	722.57	149.83
28 21 31 00-0285	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22)	722.57	149.83
28 21 31 00-0286		Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0276)*		
28 21 31 00-0287	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22)	757.04	149.83
28 21 31 00-0288	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22)	895.61	149.83
28 21 31 00-0289	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22)	895.61	149.83
28 21 31 00-0290		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0276)*		
28 21 31 00-0291	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22)	823.09	149.83
28 21 31 00-0292	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22)	912.12	149.83
28 21 31 00-0293		Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0275)*		
28 21 31 00-0294		High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0293)*		
28 21 31 00-0295	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6)	590.37	99.89
28 21 31 00-0296		Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0293)*		
28 21 31 00-0297	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22)	671.51	99.89

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0298		Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0293)*		
28 21 31 00-0299	EA	9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22)	736.13	99.89
28 21 31 00-0300		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0293)*		
28 21 31 00-0301	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22)	768.44	99.89
28 21 31 00-0302		Camclosure® IS Integrated Cameras *(28 21 31 00-0275)*		
28 21 31 00-0303	EA	12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12)	425.23	99.89
28 21 31 00-0304	EA	9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22)	425.23	99.89
28 21 31 00-0305	EA	9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22)	489.13	99.89
28 21 31 00-0306	EA	9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22)	662.17	99.89
28 21 31 00-0307	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22)	678.69	99.89
28 21 31 00-0308		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0274)*		
28 21 31 00-0309		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0308)*		
28 21 31 00-0310		Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0309)*		
28 21 31 00-0311	EA	12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12)	483.48	149.83
28 21 31 00-0312	EA	12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T)	514.35	149.83
28 21 31 00-0313	EA	12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	637.85	149.83
28 21 31 00-0314	EA	12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	637.85	149.83
28 21 31 00-0315		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0309)*		
28 21 31 00-0316	EA	3–9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	776.42	149.83
28 21 31 00-0317		Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0308)*		
28 21 31 00-0318		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0317)*		
28 21 31 00-0319	EA	12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	537.96	99.89
28 21 31 00-0320		Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0308)*		
28 21 31 00-0321		High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0320)*		
28 21 31 00-0322	EA	9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	722.57	149.83
28 21 31 00-0323		Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0320)*		
28 21 31 00-0324	EA	9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	787.19	149.83
28 21 31 00-0325		Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0320)*		
28 21 31 00-0326	EA	9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	868.33	149.83
28 21 31 00-0327		Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0320)*		
28 21 31 00-0328	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	900.64	149.83
28 21 31 00-0329		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0274)*		
28 21 31 00-0330		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0329)*		
28 21 31 00-0331		High Resolution Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0330)*		
28 21 31 00-0332	EA	3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,256.76	149.83
28 21 31 00-0333	EA	9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,256.76	149.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0334		**Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0330)*		
28 21 31 00-0335	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	1,345.80	149.83
28 21 31 00-0336	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	1,345.80	149.83
28 21 31 00-0337		**Day/Night, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0330)*		
28 21 31 00-0338	EA	3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	1,482.93	149.83
28 21 31 00-0339	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	1,482.93	149.83
28 21 31 00-0340		**Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0330)*		
28 21 31 00-0341	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	1,579.86	149.83
28 21 31 00-0342	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	1,579.86	149.83
28 21 31 00-0343		**Accessories For Camclosure® Camera Dome Systems** *(28 21 31 00-0274)*		
28 21 31 00-0344	EA	4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	27.90	7.49
28 21 31 00-0345	EA	4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	27.90	7.49
28 21 31 00-0346	EA	Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	37.89	12.49
28 21 31 00-0347	EA	Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	58.00	12.49
28 21 31 00-0348	EA	2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	58.06	7.49
28 21 31 00-0349	EA	Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG)	58.00	12.49
28 21 31 00-0350	EA	Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM)	72.36	12.49
28 21 31 00-0351	EA	Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A)	190.67	24.97
28 21 31 00-0352	EA	Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A)	190.67	24.97
28 21 31 00-0353	EA	Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A)	190.67	24.97
28 21 31 00-0354	EA	Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A)	190.67	24.97
28 21 31 00-0355	EA	Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P)	68.77	12.49
28 21 31 00-0356	EA	Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD)	82.25	24.97
28 21 31 00-0357	EA	Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD)	82.25	24.97
28 21 31 00-0358	EA	Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD)	82.25	24.97
28 21 31 00-0359	EA	Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD)	82.25	24.97
28 21 31 00-0360	EA	Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD)	82.25	24.97
28 21 31 00-0361	EA	Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD)	82.25	24.97
28 21 31 00-0362	EA	Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC)	237.67	34.11
28 21 31 00-0363	EA	Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P)	50.10	12.49
28 21 31 00-0364	EA	Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW)	82.41	12.49
28 21 31 00-0365	EA	White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P)	50.10	12.49
28 21 31 00-0366	EA	White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW)	82.41	12.49
28 21 31 00-0367	EA	Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC)	1,175.63	149.83
28 21 31 00-0368		**Pan/Tilt Camera Systems** *(28 21 31 00-0142)*		
28 21 31 00-0369		**Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0368)* Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 21 31 00-0370		**EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0369)*		
28 21 31 00-0371		**Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0370)*		
28 21 31 00-0372	EA	10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N)	3,259.03	224.75
28 21 31 00-0373	EA	20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N)	3,690.55	224.75
28 21 31 00-0374	EA	30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N)	4,288.65	224.75
28 21 31 00-0375	EA	10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN)	3,351.66	224.75
28 21 31 00-0376	EA	20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN)	3,802.56	224.75
28 21 31 00-0377	EA	30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN)	4,400.65	224.75
28 21 31 00-0378		**Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0370)*		
28 21 31 00-0379	EA	10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W)	3,288.47	224.75
28 21 31 00-0380	EA	20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W)	3,719.99	224.75
28 21 31 00-0381	EA	30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W)	4,318.08	224.75
28 21 31 00-0382	EA	10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW)	3,381.81	224.75
28 21 31 00-0383	EA	20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW)	3,832.00	224.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0384	EA	30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW)	4,430.09	224.75
28 21 31 00-0385		Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0368)*		
28 21 31 00-0386		DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0385)*		
28 21 31 00-0387		Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0386)*		
28 21 31 00-0388	EA	10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N)	3,371.04	224.75
28 21 31 00-0389	EA	20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N)	3,802.56	224.75
28 21 31 00-0390	EA	30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N)	4,400.65	224.75
28 21 31 00-0391	EA	10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN)	3,463.66	224.75
28 21 31 00-0392	EA	20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN)	3,914.57	224.75
28 21 31 00-0393	EA	30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN)	4,512.66	224.75
28 21 31 00-0394		Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0386)*		
28 21 31 00-0395	EA	10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W)	3,400.48	224.75
28 21 31 00-0396	EA	20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W)	3,832.00	224.75
28 21 31 00-0397	EA	30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W)	4,430.09	224.75
28 21 31 00-0398	EA	10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW)	3,493.82	224.75
28 21 31 00-0399	EA	20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW)	3,944.01	224.75
28 21 31 00-0400	EA	30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW)	4,542.10	224.75
28 21 31 00-0401		Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0368)*		
28 21 31 00-0402		High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0401)*		
28 21 31 00-0403		Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0402)*		
28 21 31 00-0404	EA	6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	3,183.64	224.75
28 21 31 00-0405	EA	5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	3,615.16	224.75
28 21 31 00-0406	EA	5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	4,213.26	224.75
28 21 31 00-0407	EA	6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	3,276.98	224.75
28 21 31 00-0408	EA	5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	3,727.17	224.75
28 21 31 00-0409	EA	5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	4,325.26	224.75
28 21 31 00-0410		Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0402)*		
28 21 31 00-0411	EA	6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	3,213.80	224.75
28 21 31 00-0412	EA	5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	3,644.60	224.75
28 21 31 00-0413	EA	5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	4,243.41	224.75
28 21 31 00-0414	EA	6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	3,234.62	224.75
28 21 31 00-0415	EA	6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	3,306.42	224.75
28 21 31 00-0416	EA	5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	3,756.61	224.75
28 21 31 00-0417	EA	5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	4,355.42	224.75
28 21 31 00-0418		Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0368)*		
28 21 31 00-0419		Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0418)*		
28 21 31 00-0420		Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0419)*		
28 21 31 00-0421	EA	5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	3,793.94	224.75
28 21 31 00-0422	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	4,392.04	224.75
28 21 31 00-0423	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	3,455.77	224.75
28 21 31 00-0424	EA	5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	3,905.95	224.75
28 21 31 00-0425	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	4,504.05	224.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0426		Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0419)*		
28 21 31 00-0427	EA	6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	3,392.58	224.75
28 21 31 00-0428	EA	5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	3,823.38	224.75
28 21 31 00-0429	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	4,422.19	224.75
28 21 31 00-0430	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	3,485.20	224.75
28 21 31 00-0431	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	3,935.39	224.75
28 21 31 00-0432	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	4,534.20	224.75
28 21 31 00-0433		Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0368)*		
28 21 31 00-0434		Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0433)*		
28 21 31 00-0435		Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0434)*		
28 21 31 00-0436	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	4,487.53	224.75
28 21 31 00-0437	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	3,550.54	224.75
28 21 31 00-0438	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	4,599.54	224.75
28 21 31 00-0439		Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems *(28 21 31 00-0434)*		
28 21 31 00-0440	EA	6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	3,487.36	224.75
28 21 31 00-0441	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	4,517.69	224.75
28 21 31 00-0442	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	3,580.70	224.75
28 21 31 00-0443	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW)	4,030.88	224.75
28 21 31 00-0444	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW)	4,629.70	224.75
28 21 31 00-0445		Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0368)*		
28 21 31 00-0446		Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0445)*		
28 21 31 00-0447		Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0446)*		
28 21 31 00-0448	EA	16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	3,788.20	224.75
28 21 31 00-0449		Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0446)*		
28 21 31 00-0450	EA	16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	3,817.64	224.75
28 21 31 00-0451		High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0445)*		
28 21 31 00-0452		Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0451)*		
28 21 31 00-0453	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	4,487.53	224.75
28 21 31 00-0454	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	4,341.06	224.75
28 21 31 00-0455	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	4,926.23	224.75
28 21 31 00-0456		Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems *(28 21 31 00-0451)*		
28 21 31 00-0457	EA	22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	4,516.25	224.75
28 21 31 00-0458	EA	24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	4,341.06	224.75
28 21 31 00-0459	EA	35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	4,958.54	224.75
28 21 31 00-0460		Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0368)*		
28 21 31 00-0461		High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0460)*		
28 21 31 00-0462		Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0461)*		
28 21 31 00-0463	EA	16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	2,927.32	224.75
28 21 31 00-0464	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	3,627.37	224.75
28 21 31 00-0465	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	3,483.05	224.75
28 21 31 00-0466	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	3,938.98	224.75
28 21 31 00-0467		Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems *(28 21 31 00-0461)*		
28 21 31 00-0468	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	2,956.04	224.75
28 21 31 00-0469	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	3,656.81	224.75
28 21 31 00-0470	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	3,512.49	224.75
28 21 31 00-0471	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	3,971.29	224.75

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0472		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0368)*		
28 21 31 00-0473		Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0472)*		
28 21 31 00-0474		Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0473)*		
28 21 31 00-0475	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N)	18,476.33	224.75
28 21 31 00-0476	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	19,864.22	224.75
28 21 31 00-0477	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	20,330.20	224.75
28 21 31 00-0478		Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems *(28 21 31 00-0473)*		
28 21 31 00-0479	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W)	18,506.48	224.75
28 21 31 00-0480	EA	35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	19,893.66	224.75
28 21 31 00-0481	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W)	20,359.64	224.75
28 21 31 00-0482		Accessories For Esprit® Pan/Tilt Camera Systems *(28 21 31 00-0368)*		
28 21 31 00-0483	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	8.81	2.50
28 21 31 00-0484	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	50.10	12.49
28 21 31 00-0485	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM)	75.95	12.49
28 21 31 00-0486	EA	Wall Mount For High Security Enclosures (Pelco HSWM12)	95.33	12.49
28 21 31 00-0487	EA	Ground Isolation Transformer (Pelco GIT100)	287.93	34.11
28 21 31 00-0488	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	510.13	34.11
28 21 31 00-0489	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000)	340.34	34.11
28 21 31 00-0490	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500)	595.67	34.11
28 21 31 00-0491	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	268.54	34.11
28 21 31 00-0492	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	862.82	34.11
28 21 31 00-0493	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514)	1,015.98	34.11
28 21 31 00-0494	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT)	1,203.38	34.11
28 21 31 00-0495	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24)	1,245.74	34.11
28 21 31 00-0496	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35)	1,312.51	34.11
28 21 31 00-0497	EA	24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,237.55	34.11
28 21 31 00-0498	EA	24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N)	2,264.35	34.11
28 21 31 00-0499	EA	24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,290.08	34.11
28 21 31 00-0500	EA	30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	4,066.04	34.11
28 21 31 00-0501	EA	30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	4,178.05	34.11
28 21 31 00-0502	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM)	98.92	8.04
28 21 31 00-0503	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM)	98.92	8.04
28 21 31 00-0504		Camera Lenses *(28 21 31 00-0002)*		
28 21 31 00-0505		Fixed Focus Camera Lenses *(28 21 31 00-0504)* Note: 1/3" format and manual focus.		
28 21 31 00-0506		Manual Iris, Fixed Focus Camera Lenses *(28 21 31 00-0505)*		
28 21 31 00-0507	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3)	124.42	11.72
28 21 31 00-0508	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8)	104.32	11.72
28 21 31 00-0509	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4)	94.27	11.72
28 21 31 00-0510	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8)	92.11	11.72
28 21 31 00-0511		Direct Drive Auto Iris, Fixed Focus Camera Lenses *(28 21 31 00-0505)* Note: Includes spot filter. Excludes amplifier.		
28 21 31 00-0512	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3)	153.86	11.72
28 21 31 00-0513	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8)	124.42	11.72
28 21 31 00-0514	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4)	117.24	11.72
28 21 31 00-0515	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8)	85.65	11.72
28 21 31 00-0516		Video Drive Auto Iris, Fixed Focus Camera Lenses *(28 21 31 00-0505)* Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 21 31 00-0517	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S)	180.43	11.72
28 21 31 00-0518	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S)	150.27	11.72
28 21 31 00-0519	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S)	143.09	11.72
28 21 31 00-0520	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S)	137.35	11.72
28 21 31 00-0521		Varifocal Camera Lenses *(28 21 31 00-0504)* Note: 1/3" format and manual focus and zoom.		
28 21 31 00-0522		Manual Iris, Varifocal Camera Lenses *(28 21 31 00-0521)*		
28 21 31 00-0523	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3)	214.97	11.72
28 21 31 00-0524	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6)	144.53	11.72
28 21 31 00-0525	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12)	113.65	11.72
28 21 31 00-0526	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8)	100.73	11.72
28 21 31 00-0527	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5)	252.23	11.72
28 21 31 00-0528	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40)	165.44	11.72
28 21 31 00-0529	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50)	176.70	11.72
28 21 31 00-0530		Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0521)* Note: Includes spot filter.		
28 21 31 00-0531	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3)	211.22	11.72
28 21 31 00-0532	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6)	185.70	11.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0533	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12)	140.68	11.72
28 21 31 00-0534	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8)	103.16	11.72
28 21 31 00-0535	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5)	274.49	11.72
28 21 31 00-0536	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50)	208.97	11.72
28 21 31 00-0537		Video Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0521)*		
		Note: Includes spot filter.		
28 21 31 00-0538	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S)	241.46	11.72
28 21 31 00-0539	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S)	214.89	11.72
28 21 31 00-0540	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S)	131.60	11.72
28 21 31 00-0541	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S)	238.59	11.72
28 21 31 00-0542		Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0521)*		
28 21 31 00-0543	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5)	120.42	11.72
28 21 31 00-0544	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50)	184.20	11.72
28 21 31 00-0545		Motorized Zoom Camera Lenses *(28 21 31 00-0504)*		
		Note: 1/3" format.		
28 21 31 00-0546		Manual Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0545)*		
28 21 31 00-0547	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8)	433.16	11.72
28 21 31 00-0548	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10)	539.43	11.72
28 21 31 00-0549	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15)	574.61	11.72
28 21 31 00-0550		Direct Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0545)*		
		Note: Includes spot filter.		
28 21 31 00-0551	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8)	500.12	11.72
28 21 31 00-0552	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10)	578.91	11.72
28 21 31 00-0553	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15)	634.20	11.72
28 21 31 00-0554	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20)	997.64	11.72
28 21 31 00-0555	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30)	1,985.91	11.72
28 21 31 00-0556		Video Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0545)*		
		Note: Includes spot filter.		
28 21 31 00-0557	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S)	443.93	11.72
28 21 31 00-0558	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S)	527.22	11.72
28 21 31 00-0559	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S)	660.77	11.72
28 21 31 00-0560	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S)	958.74	11.72
28 21 31 00-0561	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S)	1,556.83	11.72
28 21 31 00-0562		Camera Power Supplies *(28 21 31 00-0002)*		
28 21 31 00-0563	EA	20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000)	32.89	9.99
28 21 31 00-0564	EA	50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000)	54.43	9.99
28 21 31 00-0565	EA	2 Amp, 4 Outputs, Camera Power Supply (Pelco MCS4-2)	283.84	19.97
28 21 31 00-0566	EA	5 Amp, 8 Outputs, Camera Power Supply (Pelco MCS8-5)	326.32	29.97
28 21 31 00-0567	EA	10 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-10)	366.56	39.96
		For Switchable Outputs, Add	*171.99*	
28 21 31 00-0568	EA	20 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-20)	409.05	49.94
		For Switchable Outputs, Add	*185.50*	
28 21 31 00-0569		Camera Illuminators *(28 21 31 00-0002)*		
28 21 31 00-0570		Camera Illuminators *(28 21 31 00-0569)*		
		Note: Includes lamp and mounting bracket.		
28 21 31 00-0571	EA	Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF)	1,139.94	19.97
28 21 31 00-0572	EA	Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS)	1,139.94	19.97
28 21 31 00-0573	EA	Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF)	1,139.94	19.97
28 21 31 00-0574		Camera Illuminator Accessories *(28 21 31 00-0569)*		
28 21 31 00-0575	EA	Replacement Lamp For Low Light Level Camera Illuminator (Pelco PAR56)	100.99	19.97
28 21 31 00-0576		Camera Receivers *(28 21 31 00-0002)*		
28 21 31 00-0577	EA	24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP)	1,122.24	34.11
28 21 31 00-0578	EA	120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP)	1,122.24	34.11
28 21 31 00-0579		Pan And Tilt Drives *(28 21 31 00-0002)*		
28 21 31 00-0580	EA	15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P)	805.36	74.91
28 21 31 00-0581	EA	40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P)	1,015.02	74.91
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0582	EA	100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P)	2,115.00	74.91
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0583	EA	100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC)	2,412.97	74.91
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0584	EA	100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL)	2,787.76	74.91
		For Preset Positioning, Add	*165.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0585	EA	100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX)	3,584.74	74.91
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0586		**Scanners** *(28 21 31 00-0002)*		
28 21 31 00-0587	EA	35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24)	915.22	74.91
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0588	EA	35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20)	960.45	74.91
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0589		**Camera Monitors** *(28 21 31 00-0001)*		
28 21 31 00-0590		**Camera Monitors** *(28 21 31 00-0589)*		
28 21 31 00-0591		**Monochrome Camera Monitors** *(28 21 31 00-0590)*		
28 21 31 00-0592	EA	9" Monochrome Camera Monitor (Pelco PMM9A)	178.60	14.98
28 21 31 00-0593	EA	12" Monochrome Camera Monitor (Pelco PMM12A)	203.73	14.98
28 21 31 00-0594	EA	15" Monochrome Camera Monitor (Pelco PMM15A)	309.99	14.98
28 21 31 00-0595	EA	20" Monochrome Camera Monitor (Pelco PMM20A)	495.95	14.98
28 21 31 00-0596		**Color Camera Monitors** *(28 21 31 00-0590)*		
28 21 31 00-0597	EA	9", High Resolution Color, Camera Monitor (Pelco PMC9A)	559.14	14.98
28 21 31 00-0598	EA	15", High Resolution Color, Camera Monitor (Pelco PMCS15A)	454.31	14.98
28 21 31 00-0599	EA	17", High Resolution Color, Camera Monitor (Pelco PMCS17A)	658.22	14.98
28 21 31 00-0600	EA	19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	873.62	14.98
28 21 31 00-0601		**LCD Camera Monitors** *(28 21 31 00-0589)*		
28 21 31 00-0602		**VGA Signal, Color LCD Camera Monitors (Pelco 200 Series)** *(28 21 31 00-0601)*		
		Note: Displays VGA computer signals.		
28 21 31 00-0603	EA	17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	631.65	14.98
28 21 31 00-0604	EA	19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	821.21	14.98
28 21 31 00-0605		**Multimode, Color LCD Camera Monitors (Pelco 300 Series)** *(28 21 31 00-0601)*		
		Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0606	EA	15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	717.81	14.98
28 21 31 00-0607	EA	17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	858.54	14.98
28 21 31 00-0608	EA	19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	1,055.27	14.98
28 21 31 00-0609		**Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series)** *(28 21 31 00-0601)*		
		Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0610	EA	15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	920.29	14.98
28 21 31 00-0611	EA	17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,066.76	14.98
28 21 31 00-0612	EA	19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	1,337.45	14.98
28 21 31 00-0613		**Camera Monitor Mounting Accessories** *(28 21 31 00-0589)*		
28 21 31 00-0614		**Camera Monitor Mounts** *(28 21 31 00-0613)*		
28 21 31 00-0615	EA	Up To 14", Camera Monitor Mount (Pelco)	219.46	19.97
28 21 31 00-0616	EA	>14" To 17", Camera Monitor Mount (Pelco)	254.64	19.97
28 21 31 00-0617	EA	>17" To 21", Camera Monitor Mount (Pelco)	297.72	19.97
28 21 31 00-0618		**Camera Monitor Rack Mount Kits** *(28 21 31 00-0613)*		
28 21 31 00-0619	EA	Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	135.45	19.97
28 21 31 00-0620		**Video Transmission Equipment** *(28 21 31 00-0001)*		
28 21 31 00-0621		**UTP Cable, Video Transmission Equipment** *(28 21 31 00-0620)*		
28 21 31 00-0622		**UTP Cable, Active Video Receivers** *(28 21 31 00-0621)*		
28 21 31 00-0623	EA	Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	276.11	24.97
28 21 31 00-0624	EA	Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	931.64	24.97
28 21 31 00-0625	EA	Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	1,825.55	24.97
28 21 31 00-0626	EA	Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	2,993.74	24.97
28 21 31 00-0627	EA	Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	3,494.19	24.97
28 21 31 00-0628		**UTP Cable, Passive Video Transceivers** *(28 21 31 00-0621)*		
28 21 31 00-0629	EA	Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	86.56	24.97
28 21 31 00-0630	EA	Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	276.11	24.97
28 21 31 00-0631	EA	Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	503.00	24.97
28 21 31 00-0632	EA	Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	949.59	24.97
28 21 31 00-0633	EA	Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	1,849.97	24.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0634		UTP Cable, Active Video Transmitters *(28 21 31 00-0621)*		
28 21 31 00-0635	EA	Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	288.32	24.97
28 21 31 00-0636		Fiber Optics, Video Transmission Equipment *(28 21 31 00-0620)*		
28 21 31 00-0637		Data Only, Fiber Optics Transmission Equipment *(28 21 31 00-0636)*		
28 21 31 00-0638		Bidirectional Data, Fiber Optics Transmitters *(28 21 31 00-0637)*		
28 21 31 00-0639	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	1,642.15	49.94
28 21 31 00-0640	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	681.47	49.94
28 21 31 00-0641	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,204.89	49.94
28 21 31 00-0642	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	836.56	49.94
28 21 31 00-0643		Bidirectional Data, Fiber Optics Receivers *(28 21 31 00-0637)*		
28 21 31 00-0644	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	1,642.15	49.94
28 21 31 00-0645	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	681.47	49.94
28 21 31 00-0646	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,204.89	49.94
28 21 31 00-0647	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	836.56	49.94
28 21 31 00-0648		Video Only, Fiber Optics Transmission Equipment *(28 21 31 00-0636)*		
28 21 31 00-0649		Digitally Encoded Video, Fiber Optics Transmitters *(28 21 31 00-0648)*		
28 21 31 00-0650	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	738.91	49.94
28 21 31 00-0651	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	332.52	49.94
28 21 31 00-0652	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	2,016.23	49.94
28 21 31 00-0653	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,219.25	49.94
28 21 31 00-0654	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	3,291.40	49.94
28 21 31 00-0655	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	2,739.98	49.94
28 21 31 00-0656	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	8,145.08	49.94
28 21 31 00-0657	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	7,251.17	49.94
28 21 31 00-0658		Digitally Encoded Video, Fiber Optics Receivers *(28 21 31 00-0648)*		
28 21 31 00-0659	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	738.91	49.94
28 21 31 00-0660	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	332.52	49.94
28 21 31 00-0661	EA	Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,248.69	49.94
28 21 31 00-0662	EA	Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	517.05	49.94
28 21 31 00-0663	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	2,016.23	49.94
28 21 31 00-0664	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,219.25	49.94
28 21 31 00-0665	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	3,291.40	49.94
28 21 31 00-0666	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	2,739.98	49.94
28 21 31 00-0667	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	8,145.08	49.94
28 21 31 00-0668	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	7,251.17	49.94
28 21 31 00-0669		Video And Data, Fiber Optics Transmission Equipment *(28 21 31 00-0636)*		
28 21 31 00-0670		Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters *(28 21 31 00-0669)*		
28 21 31 00-0671	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS)	1,260.90	49.94
28 21 31 00-0672	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM)	759.01	49.94
28 21 31 00-0673	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S)	2,911.58	49.94
28 21 31 00-0674	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M)	2,523.14	49.94
28 21 31 00-0675	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S)	4,701.55	49.94
28 21 31 00-0676	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M)	3,413.46	49.94
28 21 31 00-0677		Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers *(28 21 31 00-0669)*		
28 21 31 00-0678	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS)	1,260.90	49.94
28 21 31 00-0679	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM)	759.01	49.94
28 21 31 00-0680	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S)	2,911.58	49.94
28 21 31 00-0681	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M)	2,523.14	49.94
28 21 31 00-0682	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S)	4,701.55	49.94
28 21 31 00-0683	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M)	3,413.46	49.94
28 21 31 00-0684		Video, Audio And Data, Fiber Optics Transmission Equipment *(28 21 31 00-0636)*		
28 21 31 00-0685		Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters *(28 21 31 00-0684)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0686	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S)	1,619.18	49.94
28 21 31 00-0687	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M)	1,291.77	49.94
28 21 31 00-0688		**Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers** *(28 21 31 00-0684)*		
28 21 31 00-0689	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S)	1,619.18	49.94
28 21 31 00-0690	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M)	1,291.77	49.94
28 21 31 00-0691		**Video Amplifiers** *(28 21 31 00-0620)*		
28 21 31 00-0692		**Video Distribution Amplifiers** *(28 21 31 00-0691)*		
28 21 31 00-0693	EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT)	202.32	12.49
28 21 31 00-0694	EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA) Note: Inserts time-date and title on up to 16 video inputs.	1,612.47	12.49
28 21 31 00-0695		**Video Equalizing Amplifiers** *(28 21 31 00-0691)*		
28 21 31 00-0696	EA	Video Equalizing Amplifier (Pelco EA2010)	219.55	12.49
28 21 31 00-0697	EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000)	342.33	12.49
28 21 31 00-0698		**Network Video Equipment** *(28 21 31 00-0001)*		
28 21 31 00-0699		**Video Encoders/Decoders** *(28 21 31 00-0698)*		
28 21 31 00-0700	EA	MPEG4 IP Video Receiver (Pelco NET300R)	815.02	24.97
28 21 31 00-0701	EA	MPEG4 IP Video Transmitter (Pelco NET300T)	815.02	24.97
28 21 31 00-0702	EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R)	935.64	24.97
28 21 31 00-0703	EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T)	935.64	24.97
28 21 31 00-0704		**Network Video Recorders** *(28 21 31 00-0698)*		
28 21 31 00-0705	EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316)	5,072.76	49.94
28 21 31 00-0706	EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332)	5,900.61	49.94
28 21 31 00-0707	EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364)	7,557.76	49.94
28 21 31 00-0708	EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300)	5,010.29	49.94
28 21 31 00-0709		**Network Video Recorder Software** *(28 21 31 00-0698)*		
28 21 31 00-0710	EA	10 User, License Pack (Pelco VMX300-LIC-10)	499.73	
28 21 31 00-0711	EA	20 User, License Pack (Pelco VMX300-LIC-20)	901.09	
28 21 31 00-0712	EA	50 User, License Pack (Pelco VMX300-LIC-50)	2,001.07	
28 21 31 00-0713	EA	100 User, License Pack (Pelco VMX300-LIC-100)	3,500.25	
28 21 31 00-0714	EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	834.32	
28 21 31 00-0715	EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	1,500.62	
28 21 31 00-0716	EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	3,335.11	
28 21 31 00-0717	EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	5,835.19	
28 21 31 00-0718	EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	10,002.46	
28 21 31 00-0719	EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	20,837.80	
28 21 31 00-0720	EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0)	4,516.71	
28 21 31 00-0721	EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1)	4,794.57	
28 21 31 00-0722	EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4)	7,573.95	
28 21 31 00-0723	EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	5,017.15	
28 21 31 00-0724	EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	5,295.02	
28 21 31 00-0725	EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	8,072.96	
28 21 31 00-0726	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0)	4,850.58	
28 21 31 00-0727	EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	5,129.16	
28 21 31 00-0728	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4)	7,907.82	
28 21 31 00-0729	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	5,683.46	
28 21 31 00-0730	EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	5,961.32	
28 21 31 00-0731	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	8,740.70	
28 21 31 00-0732		**Video Recording Equipment** *(28 21 31 00-0001)*		
28 21 31 00-0733		**Digital Video Recorders** *(28 21 31 00-0732)*		
28 21 31 00-0734	EA	8 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-1000) Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	4,086.94	49.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0735	EA	8 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-2000) Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	5,517.20	49.94
28 21 31 00-0736	EA	8 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-3000) Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	6,947.46	49.94
28 21 31 00-0737	EA	16 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-1000) Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	4,682.88	49.94
28 21 31 00-0738	EA	16 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-2000) Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	6,113.14	49.94
28 21 31 00-0739	EA	16 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-3000) Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	7,543.40	49.94
28 21 31 00-0740	EA	8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	7,933.99	49.94
28 21 31 00-0741	EA	8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	10,873.48	49.94
28 21 31 00-0742	EA	8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	13,813.69	49.94
28 21 31 00-0743	EA	16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	9,548.77	49.94
28 21 31 00-0744	EA	16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	12,488.26	49.94
28 21 31 00-0745	EA	16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	15,428.47	49.94
28 21 31 00-0746	EA	24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	10,436.94	49.94
28 21 31 00-0747	EA	24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	13,376.43	49.94
28 21 31 00-0748	EA	24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	16,316.64	49.94
28 21 31 00-0749	EA	32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	12,051.72	49.94
28 21 31 00-0750	EA	32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	14,991.21	49.94
28 21 31 00-0751	EA	32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	17,931.42	49.94
28 21 31 00-0752	EA	16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	8,756.31	49.94
28 21 31 00-0753		**Digital Video Recorder Accessories** *(28 21 31 00-0732)*		
28 21 31 00-0754	EA	16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16)	789.17	24.97
28 21 31 00-0755		**Matrix Systems And Controls** *(28 21 31 00-0001)*		
28 21 31 00-0756		**Video Multiplexers** *(28 21 31 00-0755)*		
28 21 31 00-0757		**Monochrome Duplex, Video Multiplexers** *(28 21 31 00-0756)*		
28 21 31 00-0758	EA	9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD)	1,474.14	49.94
28 21 31 00-0759	EA	16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD)	1,394.44	49.94
28 21 31 00-0760		**Color Duplex, Video Multiplexers** *(28 21 31 00-0756)*		
28 21 31 00-0761	EA	4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD)	1,002.42	49.94
28 21 31 00-0762	EA	9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD)	1,893.45	49.94
28 21 31 00-0763	EA	16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD)	2,050.70	49.94
28 21 31 00-0764		**Color Simplex, Video Multiplexers** *(28 21 31 00-0756)*		
28 21 31 00-0765	EA	9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS)	1,594.77	49.94
28 21 31 00-0766	EA	16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS)	1,858.99	49.94
28 21 31 00-0767		**Video Multiplexer Accessories** *(28 21 31 00-0756)*		
28 21 31 00-0768	EA	Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000)	894.64	34.11
28 21 31 00-0769	EA	Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	537.07	34.11
28 21 31 00-0770	EA	Video Multiplexer Server (Pelco MX4000SVR)	1,474.14	49.94
28 21 31 00-0771		**Quad Video Processor** *(28 21 31 00-0755)*		
28 21 31 00-0772	EA	Monochrome, Quad Video Processor (Pelco QD104M)	459.92	24.97
28 21 31 00-0773	EA	Color, Quad Video Processor (Pelco QD104C)	747.12	24.97
28 21 31 00-0774		**Switcher** *(28 21 31 00-0755)*		
28 21 31 00-0775		**Terminating Manual Switchers** *(28 21 31 00-0774)*		
28 21 31 00-0776		**Terminating Manual Switchers** *(28 21 31 00-0775)*		
28 21 31 00-0777	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	164.17	19.97
28 21 31 00-0778	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	220.18	19.97
28 21 31 00-0779	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	266.13	19.97
28 21 31 00-0780	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	430.55	19.97
28 21 31 00-0781		**Audio Follow, Terminating Manual Switchers** *(28 21 31 00-0775)*		
28 21 31 00-0782	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	210.13	19.97
28 21 31 00-0783	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	364.50	19.97
28 21 31 00-0784	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	630.87	19.97
28 21 31 00-0785		**Balanced Audio Follow, Terminating Manual Switchers** *(28 21 31 00-0775)*		
28 21 31 00-0786	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	278.34	19.97
28 21 31 00-0787	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	503.79	19.97

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0788		Looping Manual Switchers *(28 21 31 00-0774)*		
28 21 31 00-0789		Looping Manual Switchers *(28 21 31 00-0788)*		
28 21 31 00-0790	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	182.84	19.97
28 21 31 00-0791	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	248.18	19.97
28 21 31 00-0792	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	314.24	19.97
28 21 31 00-0793	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	513.12	19.97
28 21 31 00-0794		Audio Follow, Looping Manual Switchers *(28 21 31 00-0788)*		
28 21 31 00-0795	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	225.92	19.97
28 21 31 00-0796	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	388.91	19.97
28 21 31 00-0797	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	531.07	19.97
28 21 31 00-0798		Balanced Audio Follow, Looping Manual Switchers *(28 21 31 00-0788)*		
28 21 31 00-0799	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	297.72	19.97
28 21 31 00-0800	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	533.23	19.97
28 21 31 00-0801	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	668.93	19.97
28 21 31 00-0802		Sequential Switchers *(28 21 31 00-0774)*		
28 21 31 00-0803		Single Output, Sequential Switchers *(28 21 31 00-0802)*		
28 21 31 00-0804	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	314.95	19.97
28 21 31 00-0805	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	465.73	19.97
28 21 31 00-0806		Dual Outputs, Sequential Switchers *(28 21 31 00-0802)*		
28 21 31 00-0807	EA	4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	391.78	19.97
28 21 31 00-0808	EA	8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	539.69	19.97
28 21 31 00-0809		Controls *(28 21 31 00-0755)*		
28 21 31 00-0810		Direct/Multi-Cable Controls *(28 21 31 00-0809)*		
28 21 31 00-0811	EA	Scanner Control Module (Pelco MPS524DT)	283.70	49.94
28 21 31 00-0812	EA	120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	301.65	49.94
28 21 31 00-0813	EA	24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	332.52	49.94
28 21 31 00-0814	EA	Motorized Zoom Lens Control Module (Pelco MLZ6DT)	346.88	49.94
28 21 31 00-0815	EA	120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	536.43	49.94
28 21 31 00-0816	EA	24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	588.85	49.94
28 21 31 00-0817		Coaxitron Controls *(28 21 31 00-0809)*		
28 21 31 00-0818	EA	Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	403.53	34.11
28 21 31 00-0819	EA	8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	741.70	34.11
28 21 31 00-0820	EA	Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	838.63	34.11
28 21 31 00-0821		Digital Controls *(28 21 31 00-0809)*		
28 21 31 00-0822	EA	Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	533.48	34.11
28 21 31 00-0823	EA	Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	887.46	34.11
28 21 31 00-0824		Lock Boxes *(28 21 31 00-0755)*		
28 21 31 00-0825	EA	VCR Lock Box (Pelco LB1000)	325.49	37.46
		For Wall Mount, Add	*165.00*	
28 21 31 00-0826	EA	Computer Disk Drive Lock Box (Pelco LB2000)	332.67	37.46
28 21 31 00-0827	EA	VCR And Multiplexer Lock Box (Pelco LB3000)	598.33	37.46
		Note: Includes storage for 32 VCR tapes.		

28 40 Life Safety *(28)*

Note: Includes testing of new devices and certification.

28 42 Gas Detection and Alarm *(28 40)*

28 42 11 Gas Detection And Alarm Control, GUI, And Logic Systems *(28 42)*

28 42 11 00-0001		Monitoring System For Underground Tanks *(28 42 11)*		
28 42 11 00-0002		Continuous Leak Detection System *(28 42 11 00-0001)* Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.		
28 42 11 00-0003	EA	Single Channel Underground Tank Monitoring System	4,638.82	408.98
28 42 11 00-0004	EA	2 Channel Underground Tank Monitoring System	6,253.75	545.64
28 42 11 00-0005	EA	3 Channel Underground Tank Monitoring System	8,701.53	584.55
28 42 11 00-0006	EA	4 Channel Underground Tank Monitoring System	9,483.63	817.96
28 42 11 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	6,267.90	69.83

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 42 11 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	5,651.88	62.35
28 42 11 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	7,422.51	69.83
28 42 11 00-0010	EA	Tank Leak Detection Probe	2,292.41	14.96
28 42 11 00-0011	EA	Secondary Containment Collar Probe	283.10	5.98
28 42 11 00-0012	EA	Interstitial Leak Detection Probe	520.08	12.47
28 42 11 00-0013	EA	Liquid Phase Detection	1,713.39	37.41
28 42 11 00-0014	EA	Hydrocarbon Vapor, Fixed	1,583.79	37.41
28 42 11 00-0015	EA	Hydrocarbon Vapor, Float Mounted	1,847.71	42.40
28 42 11 00-0016	EA	Liquid And Vapor Hydrocarbon	2,106.91	42.40

28 42 15 Gas Detection Sensors *(28 42)*

28 42 15 00-0001 Hydrogen Gas Detection *(28 42 15)*

28 42 15 00-0002	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	1,169.14	37.46
28 42 15 00-0003	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	67.76	12.49
28 42 15 00-0004	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	313.32	37.46

28 43 Fuel Oil Detection And Alarm *(28 40)*

See CSI section 28 42 00 00-0000 for detection and alarms.

28 46 Fire Detection And Alarm *(28 40)*

28 46 11 Fire Sensors and Detectors *(28 46)*

28 46 11 11 Linear Heat Detection Sensors *(28 46 11)*

28 46 11 11-0001 Protectowire Fire Alarm *(28 46 11 11)*

28 46 11 11-0002 Linear Heat Detector Cable *(28 46 11 11-0001)*

28 46 11 11-0003	LF	Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC)	3.63	
28 46 11 11-0004	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M	3.90	
28 46 11 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR)	3.90	
28 46 11 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M	4.18	
28 46 11 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT)	4.84	
28 46 11 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M)	5.12	
28 46 11 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL)	51.50	
28 46 11 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC)	18.54	
28 46 11 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W)	6.93	
28 46 11 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2)	6.93	
28 46 11 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO)	7.95	
28 46 11 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2)	12.38	
28 46 11 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P)	12.74	
28 46 11 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A)	0.97	
28 46 11 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B)	1.31	
28 46 11 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C)	5.67	

28 46 20 Fire Alarm *(28 46)*

28 46 21 17 Proprietary Systems *(28 46 20)*

28 46 21 33-0001 Edwards Fire Alarm *(28 46 21 17)*

28 46 21 33-0002 EST3 Life Safety And Security Control *(28 46 21 33-0001)*

28 46 21 33-0003 EST3 Network *(28 46 21 33-0002)*

28 46 21 33-0004 Remote Annunciators *(28 46 21 33-0003)*

28 46 21 33-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	969.98	74.91
28 46 21 33-0006	EA	Six Position Base Annunciator (EST3 3-6ANN) Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	798.41	74.91
28 46 21 33-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN) Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	998.47	74.91
28 46 21 33-0008	EA	Annunciator CPU (EST3 3-ANNCPU3) Note: One Required per graphic annunciator.	651.96	74.91
28 46 21 33-0009	EA	Annunciator Support Module (EST3 3-ANNSM) Note: Takes one space in Annunciator box. Supports one Control/Display module.	126.35	24.97
28 46 21 33-0010	EA	Liquid Crystal Display Module (EST3 3-LCD) Note: Mounts over 3-CPU(1).	434.46	74.91
28 46 21 33-0011	EA	Liquid Crystal Display Module (EST3 3-LCDXL) Note: Mounts over 3-ANNCPU plus two spaces.	667.61	74.91
28 46 21 33-0012	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	484.61	74.91
28 46 21 33-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	543.46	49.94
28 46 21 33-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	92.29	24.97
28 46 21 33-0015	EA	Central Processor Unit Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,140.82	74.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0016	EA	Primary Power Supply With Local Rail Module, 120 VAC, 50/60 Hz (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	984.17	24.97
28 46 21 33-0017		**Remote Annunciators Cabinets** *(28 46 21 33-0003)*		
28 46 21 33-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B)	98.38	24.97
28 46 21 33-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S)	88.40	19.97
28 46 21 33-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	109.13	24.97
28 46 21 33-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S)	99.15	19.97
28 46 21 33-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B)	119.22	24.97
28 46 21 33-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S)	109.24	19.97
28 46 21 33-0024		**Audio And Telephone Masters** *(28 46 21 33-0003)*		
28 46 21 33-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT)	3,078.64	99.89
28 46 21 33-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4)	1,739.67	99.89
28 46 21 33-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU)	1,898.69	99.89
28 46 21 33-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU)	1,647.61	99.89
28 46 21 33-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100)	1,873.53	99.89
28 46 21 33-0030	EA	Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95)	1,887.34	49.94
28 46 21 33-0031		**Battery Distribution Unit** *(28 46 21 33-0003)*		
28 46 21 33-0032	EA	Battery Distribution Unit (EST3 3-BTSEN)	390.60	290.71
28 46 21 33-0033		**Remote Booster Power Supply** *(28 46 21 33-0003)*		
28 46 21 33-0034	EA	6.5 Amp, 120 VAC, Booster Power Supply (EST3 BPS6A)	568.31	74.91
28 46 21 33-0035	EA	10 Amp. 110 VAC Booster Power Supply (EST3 BPS10)	642.77	74.91
28 46 21 33-0036	EA	10 Amp, 220 VAC Booster Power Supply (EST3 BPS10220)	697.64	74.91
28 46 21 33-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP)	100.19	24.97
28 46 21 33-0038		**Batteries And Battery Cabinets** *(28 46 21 33-0003)*		
28 46 21 33-0039	EA	1.2 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V1A2 (1.2 Amp Hours))	79.74	24.97
28 46 21 33-0040	EA	4 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V4A (4.5 Amp Hours))	95.91	24.97
28 46 21 33-0041	EA	24 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V24A (26 Amp Hours))	207.51	24.97
28 46 21 33-0042	EA	6.5 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V6A5 (7.2 Amp Hours))	102.39	24.97
28 46 21 33-0043	EA	40 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V40A (40 Amp Hours))	259.32	24.97
28 46 21 33-0044	EA	10 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V10A (11 Amp Hours))	152.07	24.97
28 46 21 33-0045	EA	50 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V50A (50 Amp Hours))	511.74	24.97
28 46 21 33-0046	EA	17 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V17A (18 Amp Hours))	155.41	24.97
28 46 21 33-0047	EA	65 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V65A (65 Amp Hours))	613.23	24.97
28 46 21 33-0048	EA	8.0 Amp Hours Sealed Lead Acid Battery - 6 VDC (EST3 6V8A (8 Amp Hours))	92.76	24.97
28 46 21 33-0049	EA	10 Amp Hours Sealed Lead Acid Battery - 6 VDC (EST3 6V10A (12 Amp Hours))	84.68	24.97
28 46 21 33-0050	EA	Battery Cabinet, 14.0" x 18.25" x 7.25" Free Standing Cabinet With Key Lock (EST3 BC-1) Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	280.36	49.94
28 46 21 33-0051	EA	Battery Cabinet, Gray 22" X 15" X 3.75" (EST3 BC-2) Note: Holds up to two 12V17A batteries.	236.79	49.94
28 46 21 33-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R)	768.92	99.89
28 46 21 33-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R)	940.44	99.89
28 46 21 33-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R)	1,296.11	99.89
28 46 21 33-0055		**Serial Printer** *(28 46 21 33-0003)*		
28 46 21 33-0056	EA	System Printer - Desk Top Style (EST3 PT-1S)	986.87	24.97
28 46 21 33-0057		**Intelligent Analog Initiating Devices** *(28 46 21 33-0002)*		
28 46 21 33-0058		**Detectors, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0059	EA	Intelligent 4D Multisensor Detector - Ionization, Photoelectric, Heat (EST3 SIGA-IPHS)	172.48	37.46
28 46 21 33-0060	EA	Intelligent 4D Multisensor Detector, Black - Ionization, Photoelectric, Heat (EST3 SIGA-IPHSB)	191.31	37.46
28 46 21 33-0061	EA	Intelligent 3D Multisensor Detector - Photoelectric, Heat (EST3 SIGA-PHS)	166.87	37.46
28 46 21 33-0062	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS)	150.04	37.46
28 46 21 33-0063	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS)	155.65	37.46
28 46 21 33-0064	EA	Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (EST3 SIGA-HRS)	131.27	37.46
28 46 21 33-0065	EA	Intelligent Fixed Temperature Heat Detector - 135 Degree F (EST3 SIGA-HFS)	131.27	37.46
28 46 21 33-0066	EA	Passive Infrared Motion Detector (EST3 SIGA-MD)	196.32	37.46
28 46 21 33-0067	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	214.69	37.46
28 46 21 33-0068	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS)	184.39	37.46
28 46 21 33-0069	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS)	257.41	37.46
28 46 21 33-0070	EA	Intelligent Fixed Temperature Heat Detector - 135 Degree F (EST3 SIGA2-HFS)	157.14	37.46
28 46 21 33-0071	EA	Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (EST3 SIGA2-HRS)	157.14	37.46
28 46 21 33-0072	EA	Intelligent 3D Multisensor Detector - Photoelectric, Heat (EST3 SIGA2-PHS)	208.92	37.46
28 46 21 33-0073		**Detectors, Duct Housings and Accessories, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0074	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD)	341.63	62.43
28 46 21 33-0075	EA	Superduct, Test Magnet Kit (EST3 SD-MAG)	17.42	
28 46 21 33-0076	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120)	48.64	14.98
28 46 21 33-0077	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK)	91.25	19.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0078	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS)	119.72	19.97
28 46 21 33-0079	EA	High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL)	58.78	19.97
28 46 21 33-0080		**Detectors, Smoke, Beam** *(28 46 21 33-0057)*		
28 46 21 33-0081	EA	Fireray 2000 Beam Alignment Aid, For Quick Alignment Of Beam Detector Transmitter And Receiver Heads (EST3 0201-01-A)	111.24	
28 46 21 33-0082	EA	Fireray 2000 Beam Smoke Detector (By Fire Fighting Enterprises) (EST3 22310-18-01) Note: Includes controller and remote mount transmitter and receiver head.	1,297.31	37.46
28 46 21 33-0083	EA	Fireray 2000 Beam Detector Prism, Use To Reflect Beam When Mounting Transmitter And Receiver Heads On Same Wall (EST3 23901-00)	82.76	12.49
28 46 21 33-0084	EA	Replacement Reflector, For EC-50R/-100R Reflective Beam Detectors (EST3 23901-01)	97.17	12.49
28 46 21 33-0085	EA	160 - 330' Reflective Beam Detector (EST3 EC-100R)	1,326.06	37.46
28 46 21 33-0086	EA	15 - 160' Reflective Beam Detector (EST3 EC-50R)	1,133.57	37.46
28 46 21 33-0087	EA	Remote Test Station, For EC-50R/-100R Reflective Beam Detectors (EST3 EC-LLT)	265.63	12.49
28 46 21 33-0088	EA	160 - 330' Self Adjusting Reflective Beam Detector (EST3 EC-5000R)	1,397.03	37.46
28 46 21 33-0089		**Modules, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0090	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	156.87	24.97
28 46 21 33-0091	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	106.97	24.97
28 46 21 33-0092	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	146.74	24.97
28 46 21 33-0093	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2)	141.86	24.97
28 46 21 33-0094	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	161.75	24.97
28 46 21 33-0095	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	170.00	24.97
28 46 21 33-0096	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR) Note: Select for either N.O. or N.C. operation. Rated at 2 amps (24Vdc).	127.98	24.97
28 46 21 33-0097	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	125.07	24.97
28 46 21 33-0098	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	162.57	24.97
28 46 21 33-0099	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	158.80	24.97
28 46 21 33-0100	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	153.20	24.97
28 46 21 33-0101	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	141.56	116.59
28 46 21 33-0102	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1) Note: Factory programmed for non-latching monitor operation.	107.18	24.97
28 46 21 33-0103	EA	Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S)	163.30	24.97
28 46 21 33-0104		**Module Accessories, Signature** *(28 46 21 33-0057)* Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 21 33-0105	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	43.82	12.49
28 46 21 33-0106	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	140.04	24.97
28 46 21 33-0107	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P)	17.78	7.49
28 46 21 33-0108	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1)	50.31	12.49
28 46 21 33-0109	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2)	45.65	12.49
28 46 21 33-0110	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	47.49	12.49
28 46 21 33-0111		**Single Action Pull Stations, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0112	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270)	184.38	51.94
28 46 21 33-0113	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P)	212.52	51.94
28 46 21 33-0114	EA	GA Key - For Pre Signal Station (EST3 276-K2)	24.28	19.29
28 46 21 33-0115	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	29.70	24.71
28 46 21 33-0116	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	52.11	32.12
28 46 21 33-0117		**Double Action Pull Stations, Signature** *(28 46 21 33-0057)*		
28 46 21 33-0118	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	189.19	51.94
28 46 21 33-0119	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	30.10	5.00
28 46 21 33-0120		**Detector Bases and Accessories, Signature** *(28 46 21 33-0057)* Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 21 33-0121	EA	Audible (Sounder) Base (EST3 SIGA-AB4G)	85.45	12.49
28 46 21 33-0122	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	36.28	12.49
28 46 21 33-0123	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4)	104.97	12.49
28 46 21 33-0124	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG)	62.57	12.49
28 46 21 33-0125	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	71.94	12.49
28 46 21 33-0126	EA	Detector Mounting Plate (EST3 SIGA-DMP) Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.	109.46	12.49
28 46 21 33-0127	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	43.82	12.49
28 46 21 33-0128	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	17.86	7.49
28 46 21 33-0129	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	17.86	7.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0130	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	43.20	7.49
28 46 21 33-0131	EA	Detector Base With Isolator (EST3 SIGA-IB)	70.99	12.49
28 46 21 33-0132	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4)	75.01	12.49
28 46 21 33-0133	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB)	63.99	12.49
28 46 21 33-0134	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	63.98	12.49
28 46 21 33-0135	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	37.73	12.49

28 46 21 33-0136 Controllers, Signature *(28 46 21 33-0057)*

28 46 21 33-0137	EA	Signature Dual Driver Controller (EST3 3-SDDC1)	2,211.73	74.91
28 46 21 33-0138	EA	Single Signature Loop Controller (EST3 3-SSDC1)	1,286.09	74.91
28 46 21 33-0139	EA	Signature Loop Controller (EST3 3-SDC1)	1,159.75	74.91
28 46 21 33-0140	EA	Analog Addressable Loop Controller (EST3 3-AADC1)	1,833.03	74.91

28 46 21 33-0141 Relays And Accessories *(28 46 21 33-0057)*

28 46 21 33-0142	EA	Multi Voltage Relay (EST3 MR101)	129.42	24.97
28 46 21 33-0143	EA	Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T)	41.44	12.49

28 46 21 33-0144 Notification Appliances *(28 46 21 33-0002)*

28 46 21 33-0145 Wall Strobes, Horns And Chimes *(28 46 21 33-0144)*

28 46 21 33-0146	EA	Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM)	115.02	37.46
28 46 21 33-0147	EA	Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM)	115.02	37.46
28 46 21 33-0148	EA	Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM)	128.08	37.46
28 46 21 33-0149	EA	Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)	100.30	37.46
28 46 21 33-0150	EA	Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)	100.30	37.46
28 46 21 33-0151	EA	Temporal Horn, Hi/Lo dB Output, 24 VDC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	100.30	37.46
28 46 21 33-0152	EA	Temporal Horn, Hi/Lo dB Output, 24 VDC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	100.30	37.46
28 46 21 33-0153	EA	Horn (Steady Tone), 24 VDC, White, Not Compatible With Signal Master (EST3 G1-P)	87.93	37.46
28 46 21 33-0154	EA	Horn (Steady Tone) - 24 VDC, Red, Not Compatible With Signal Master (EST3 G1R-P)	87.93	37.46
28 46 21 33-0155	EA	Horn (Steady Tone), 24 VDC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)	87.93	37.46
28 46 21 33-0156	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM)	181.40	37.46
28 46 21 33-0157	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM)	181.40	37.46
28 46 21 33-0158	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	126.49	37.46
28 46 21 33-0159	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	126.49	37.46
28 46 21 33-0160	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)	115.02	37.46
28 46 21 33-0161	EA	Multi-cd Strobe, 24 VDC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	115.02	37.46
28 46 21 33-0162	EA	Multi-Candela Strobe, 24 VDC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM)	115.02	37.46
28 46 21 33-0163	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	115.02	37.46
28 46 21 33-0164	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	118.69	37.46
28 46 21 33-0165	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM)	118.69	37.46
28 46 21 33-0166	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)	127.28	37.46
28 46 21 33-0167	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	118.69	37.46
28 46 21 33-0168	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH)	118.69	37.46
28 46 21 33-0169	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	79.89	37.46
28 46 21 33-0170	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	79.89	37.46

28 46 21 33-0171 Wall Speakers And Speaker Strobes *(28 46 21 33-0144)*

28 46 21 33-0172	EA	Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)	99.19	37.46
28 46 21 33-0173	EA	Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)	140.62	37.46
28 46 21 33-0174	EA	Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)	99.19	37.46
28 46 21 33-0175	EA	Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)	140.62	37.46
28 46 21 33-0176	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)	50.06	19.97
28 46 21 33-0177	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB)	50.06	19.97

28 46 21 33-0178 Ceiling Speakers And Speaker Strobes *(28 46 21 33-0144)*

28 46 21 33-0179	EA	Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7)	114.22	37.46
28 46 21 33-0180	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	140.62	37.46
28 46 21 33-0181	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH)	148.98	37.46

28 46 21 33-0182 Harsh Environment Signals *(28 46 21 33-0144)*

28 46 21 33-0183	EA	Temporal Horn, Self-Synchronized, 24 VDC (EST3 757-1A-T)	103.93	37.46
28 46 21 33-0184	EA	15/75 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-7A-T)	136.91	37.46
28 46 21 33-0185	EA	110 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-8A-T)	136.91	37.46
28 46 21 33-0186	EA	15 Candela Synchronized, 24 VDC, Strobe (EST3 405-5A-T)	127.11	37.46
28 46 21 33-0187	EA	15/75 Candela Synchronized, 24 VDC, Strobe (EST3 405-7A-T)	120.59	37.46
28 46 21 33-0188	EA	30 Candela Synchronized, 24 VDC, Strobe (EST3 405-3A-T)	127.11	37.46
28 46 21 33-0189	EA	60 Candela Synchronized, 24 VDC, Strobe (EST3 405-6A-T)	127.11	37.46
28 46 21 33-0190	EA	110 Candela Synchronized, 24 VDC, Strobe (EST3 405-8A-T)	127.11	37.46
28 46 21 33-0191	EA	15/75 Candela Synchronized, 24 VDC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T)	141.14	42.46
28 46 21 33-0192	EA	110 Candela Synchronized, 24 VDC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T)	141.14	42.46
28 46 21 33-0193	EA	15 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-5A-T)	107.94	37.46
28 46 21 33-0194	EA	30 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-3A-T)	133.84	37.46

28 46 21 33-0195 Fire Alarm Bells *(28 46 21 33-0144)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0196	EA	10" Single Stroke Fire Alarm Bells, 24 VDC (EST3 323D-10AW)	146.06	37.46
28 46 21 33-0197	EA	6" Vibrating Fire Alarm Bells, 24 VDC (EST3 439D-6AW)	121.43	37.46
28 46 21 33-0198	EA	10" Vibrating Fire Alarm Bells, 24 VDC (EST3 439D-10AW)	131.94	37.46
28 46 21 33-0199		**Multiple Tone Signal** *(28 46 21 33-0144)*		
28 46 21 33-0200	EA	27 Tone Selectable Signal, 24 VDC (EST3 5530MD-24AW)	813.90	776.45
28 46 21 33-0201		**Multi-Purpose Loudspeaker** *(28 46 21 33-0144)*		
28 46 21 33-0202	EA	15 Watt Loudspeaker, Gray (EST3 HPSA15G2570)	185.34	37.46
28 46 21 33-0203	EA	15 Watt Loudspeaker, Red (EST3 HPSA15R2570)	185.34	37.46
28 46 21 33-0204		**Bell/Strobe Plate** *(28 46 21 33-0144)*		
28 46 21 33-0205	EA	Bell/Strobe Plate - 15cd (EST3 403-5A-R)	94.39	19.97
28 46 21 33-0206		**Mounting Accessories** *(28 46 21 33-0144)*		
28 46 21 33-0207	EA	Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11)	50.82	19.97
28 46 21 33-0208	EA	One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY)	50.82	19.97
28 46 21 33-0209	EA	Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16)	50.82	19.97
28 46 21 33-0210	EA	Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	50.82	19.97
28 46 21 33-0211	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26)	50.82	19.97
28 46 21 33-0212		**Firefighters' Telephones** *(28 46 21 33-0144)*		
28 46 21 33-0213	EA	Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4)	746.46	62.43
28 46 21 33-0214	EA	Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4)	435.67	62.43
28 46 21 33-0215	EA	Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F)	323.74	62.43
28 46 21 33-0216	EA	Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1)	245.72	62.43
28 46 21 33-0217	EA	Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4)	421.74	62.43
28 46 21 33-0218	EA	Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A)	273.57	62.43
28 46 21 33-0219	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4)	471.06	62.43
28 46 21 33-0220	EA	Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A)	282.85	62.43
28 46 21 33-0221	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4)	534.22	62.43
28 46 21 33-0222	EA	Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1)	66.00	19.97
28 46 21 33-0223	EA	Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4)	74.08	19.97
28 46 21 33-0224	EA	Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3)	90.37	
28 46 21 33-0225	EA	Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061)	90.37	
28 46 21 33-0226	EA	Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1)	146.90	24.97
28 46 21 33-0227	EA	Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2)	179.07	24.97
28 46 21 33-0228	EA	Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3)	130.82	24.97
28 46 21 33-0229	EA	Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4)	126.10	24.97
28 46 21 33-0230	EA	Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1)	104.29	37.46
28 46 21 33-0231	EA	Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6)	762.09	49.94
28 46 21 33-0232		**Mass Notification EC Appliances** *(28 46 21 33-0144)*		
28 46 21 33-0233	EA	G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA)	118.72	37.46
28 46 21 33-0234	EA	G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC)	115.38	37.46
28 46 21 33-0235	EA	G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA)	118.72	37.46
28 46 21 33-0236	EA	G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC)	115.38	37.46
28 46 21 33-0237	EA	G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT)	18.97	7.49
28 46 21 33-0238		**Hazardous Location Devices** *(28 46 21 33-0002)*		
28 46 21 33-0239		**Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location** *(28 46 21 33-0238)*		
28 46 21 33-0240	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135)	108.07	37.46
28 46 21 33-0241	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194)	108.07	37.46
28 46 21 33-0242	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135)	110.85	37.46
28 46 21 33-0243	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194)	110.85	37.46
28 46 21 33-0244	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135)	144.03	37.46
28 46 21 33-0245	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194)	144.03	37.46
28 46 21 33-0246	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135)	110.85	37.46
28 46 21 33-0247	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194)	110.85	37.46
28 46 21 33-0248		**Hazardous Locations Fire Alarm Station** *(28 46 21 33-0238)*		
28 46 21 33-0249	EA	Hazardous Location Fire Alarm Station (EST3 XAL53)	788.60	62.43
28 46 21 33-0250	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE)	752.54	62.43
28 46 21 33-0251		**Hazardous Location Strobes** *(28 46 21 33-0238)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0252	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ)	1,139.05	37.46
28 46 21 33-0253	EA	Wall Bracket Mounting Elbow (EST3 116EX-B)	215.87	12.49
28 46 21 33-0254	EA	Ceiling / Wall Mounting Module (EST3 116EX-C)	281.61	14.98
28 46 21 33-0255	EA	Pendant Mounting Module (EST3 116EX-P)	209.03	14.98
28 46 21 33-0256		Hazardous Location Bells *(28 46 21 33-0238)*		
28 46 21 33-0257	EA	6" Hazardous Location Bells, 24 VDC (EST3 439DEX-6AW)	828.19	37.46
28 46 21 33-0258	EA	8" Hazardous Location Bells, 24 VDC (EST3 439DEX-8AW)	849.06	37.46
28 46 21 33-0259	EA	10" Hazardous Location Bells, 24 VDC (EST3 439DEX-10AW)	856.58	37.46
28 46 21 33-0260		Hazardous Location Horns *(28 46 21 33-0238)*		
28 46 21 33-0261	EA	Hazardous Location Horns (EST3 888D-N5)	810.20	37.46
28 46 21 33-0262	EA	Explosion Proof Horn, Diode Polarized, 24 VDC (EST3 889D-AW)	665.74	37.46
28 46 21 33-0263		Door Holders And Relays *(28 46 21 33-0002)*		
28 46 21 33-0264		Electromagnetic Door Holders *(28 46 21 33-0263)*		
28 46 21 33-0265	EA	Door Holder, Single, Floor Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1501-AQN5)	163.26	37.46
28 46 21 33-0266	EA	Door Holder, Double, Floor Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1502-AQN5)	205.16	37.46
28 46 21 33-0267	EA	Door Holder, Flush, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1504-AQN5)	141.86	37.46
28 46 21 33-0268	EA	Door Holder, Flush, Wall Mount, Short Catch Plate - 24 VAC / 24 VDC / 120 VAC (EST3 1505-AQN5)	141.86	37.46
28 46 21 33-0269	EA	Door Holder, Surface, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1508-AQN5)	143.80	37.46
28 46 21 33-0270	EA	Door Holder, Completely Flush, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1509-AQN5)	145.64	37.46
28 46 21 33-0271		Control Relays, Multi-Voltage *(28 46 21 33-0263)*		
28 46 21 33-0272	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)	32.96	7.49
28 46 21 33-0273		FireShield Plus *(28 46 21 33-0002)*		
28 46 21 33-0274		3 Zone System *(28 46 21 33-0273)*		
28 46 21 33-0275	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)	941.59	299.67
28 46 21 33-0276	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)	1,350.05	399.55
28 46 21 33-0277	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)	941.59	299.67
28 46 21 33-0278	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)	1,350.05	399.55
28 46 21 33-0279	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	61.07	12.49
28 46 21 33-0280	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	61.07	12.49
28 46 21 33-0281		5 Zone System *(28 46 21 33-0273)*		
28 46 21 33-0282	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)	1,000.02	299.67
28 46 21 33-0283	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	1,405.14	399.55
28 46 21 33-0284	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)	1,000.02	299.67
28 46 21 33-0285	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	1,405.14	399.55
28 46 21 33-0286	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	61.07	12.49
28 46 21 33-0287	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	61.07	12.49
28 46 21 33-0288		10 Zone System *(28 46 21 33-0273)*		
28 46 21 33-0289	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R)	1,425.17	399.55
28 46 21 33-0290	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)	1,833.64	499.44
28 46 21 33-0291	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G)	1,400.13	399.55
28 46 21 33-0292	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD)	1,833.64	499.44
28 46 21 33-0293	EA	Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)	70.11	12.49
28 46 21 33-0294	EA	NAC Power Expansion Transformer, 120 VAC, Increases 10 Zone FACP NAC (EST3 F-XTR120)	129.43	24.97
28 46 21 33-0295		FireShield Plus Off Premise Communication Options *(28 46 21 33-0273)*		
28 46 21 33-0296	EA	F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT)	266.98	24.97
28 46 21 33-0297		FireShield Plus Remote LED Annunciators *(28 46 21 33-0273)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0298	EA	Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	129.08	37.46
28 46 21 33-0299	EA	Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)	129.08	37.46
28 46 21 33-0300	EA	Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)	133.34	37.46
28 46 21 33-0301	EA	Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	25.84	7.49
28 46 21 33-0302	EA	Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	31.29	7.49
28 46 21 33-0303	EA	Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	44.38	7.49
28 46 21 33-0304		**FireShield Plus Remote 10 Zone LED Annunciators** *(28 46 21 33-0273)*		
28 46 21 33-0305	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10)	358.73	37.46
28 46 21 33-0306	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C)	392.11	37.46
28 46 21 33-0307	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1)	133.42	24.97
28 46 21 33-0308		**FireShield Plus Remote Relays And Interfaces** *(28 46 21 33-0273)*		
28 46 21 33-0309	EA	Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24)	140.23	24.97
28 46 21 33-0310	EA	11" Snap Track Holds 2-4 RRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11)	60.73	14.98
28 46 21 33-0311	EA	Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM)	215.22	24.97
28 46 21 33-0312		**FireShield Plus Accessories** *(28 46 21 33-0273)*		
28 46 21 33-0313	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1)	13.87	
28 46 21 33-0314	EA	4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7)	9.30	
28 46 21 33-0315		**iO Series Fire Control Panels** *(28 46 21 33-0002)*		
28 46 21 33-0316		**Intelligent Analog Control Panels** *(28 46 21 33-0315)*		
28 46 21 33-0317	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G)	2,879.27	499.44
28 46 21 33-0318	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 18 a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD)	3,041.21	499.44
28 46 21 33-0319	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 10 a/h Batteries, English (EST3 iO64G)	2,299.41	399.55
28 46 21 33-0320	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 10a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD)	2,374.54	399.55
28 46 21 33-0321		**Option Modules And Accessories For iO Series** *(28 46 21 33-0315)*		
28 46 21 33-0322	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1)	241.86	37.46
28 46 21 33-0323	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2)	158.39	37.46
28 46 21 33-0324	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232)	158.39	37.46
28 46 21 33-0325	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA)	133.42	24.97
28 46 21 33-0326	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT)	257.00	19.97
28 46 21 33-0327	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH)	457.34	19.97
28 46 21 33-0328	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1)	60.03	12.49
28 46 21 33-0329	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2)	68.38	12.49
28 46 21 33-0330	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250)	851.17	49.94
28 46 21 33-0331		**Remote Annunciators For iO Series** *(28 46 21 33-0315)*		
28 46 21 33-0332	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD)	471.41	37.46
28 46 21 33-0333	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	492.29	37.46
28 46 21 33-0334		**Remote Annunciator Accessories** *(28 46 21 33-0315)*		
28 46 21 33-0335	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	58.36	12.49
28 46 21 33-0336	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	41.67	12.49
28 46 21 33-0337	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	54.18	12.49
28 46 21 33-0338	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1)	158.39	37.46
28 46 21 33-0339	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2)	179.25	37.46
28 46 21 33-0340	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3)	200.12	37.46
28 46 21 33-0341	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	41.67	12.49
28 46 21 33-0342	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	41.67	12.49
28 46 21 33-0343	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	78.14	12.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0344		**System Accessories** *(28 46 21 33-0315)*		
28 46 21 33-0345	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 VDC, 24 Amp Batteries (EST3 BC-1)	280.36	49.94
28 46 21 33-0346	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	1,368.74	399.55
28 46 21 33-0347		**Conventional Initiating Devices** *(28 46 21 33-0002)*		
28 46 21 33-0348		**Detectors, Heat, Double Pole** *(28 46 21 33-0347)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 21 33-0349	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	119.89	37.46
28 46 21 33-0350	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	119.89	37.46
28 46 21 33-0351	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	119.89	37.46
28 46 21 33-0352	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	119.89	37.46
28 46 21 33-0353		**Detectors, Rate Compensation Heat, Accessories** *(28 46 21 33-0347)*		
28 46 21 33-0354	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	81.21	37.46
28 46 21 33-0355	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	176.42	19.97
28 46 21 33-0356	EA	4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	66.21	24.97
28 46 21 33-0357		**Detectors, Heat, Fire-Lite** *(28 46 21 33-0347)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 21 33-0358	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	113.51	37.46
28 46 21 33-0359	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	113.51	37.46
28 46 21 33-0360		**Audio Notification Systems (Standalone Voice Evacuation)** *(28 46 21 33-0002)*		
28 46 21 33-0361		**Audio Notification Panels** *(28 46 21 33-0360)*		
28 46 21 33-0362	EA	Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	3,478.10	499.44
28 46 21 33-0363	EA	Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	3,478.10	499.44
28 46 21 33-0364	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	2,668.39	499.44
28 46 21 33-0365	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	2,668.39	499.44
28 46 21 33-0366	EA	Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	3,069.07	499.44
28 46 21 33-0367	EA	Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	3,069.07	499.44
28 46 21 33-0368		**Audio Notification Expander Panels** *(28 46 21 33-0360)*		
28 46 21 33-0369	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	2,735.17	499.44
28 46 21 33-0370	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	2,735.17	499.44
28 46 21 33-0371	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	1,950.51	499.44
28 46 21 33-0372	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	1,950.51	499.44
28 46 21 33-0373	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	2,409.62	499.44
28 46 21 33-0374	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	2,409.62	499.44
28 46 21 33-0375		**Audio Notification Output Accessories** *(28 46 21 33-0360)*		
28 46 21 33-0376	EA	Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	100.10	12.49
28 46 21 33-0377	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	425.58	24.97
28 46 21 33-0378	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	425.58	24.97
28 46 21 33-0379	EA	Class A Converter (GE ANSZSC4A)	308.71	24.97
28 46 21 33-0380		**Audio Notification Remote Microphone** *(28 46 21 33-0360)*		
28 46 21 33-0381	EA	Microphone (GE ANSMIKE)	125.07	24.97
28 46 21 33-0382	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG)	467.32	24.97
28 46 21 33-0383	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR)	467.32	24.97
28 46 21 33-0384	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	108.45	12.49
28 46 21 33-0385	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	62.53	12.49
28 46 21 33-0386		**Audio Notification Accessories** *(28 46 21 33-0360)*		
28 46 21 33-0387	EA	Audio Matching - Line Input/Output Card (GE ANSAUX)	200.20	24.97
28 46 21 33-0388	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP)	200.20	24.97

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0389	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA)	200.20	24.97
28 46 21 33-0390	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8)	425.58	24.97
28 46 21 33-0391		**Audio Notification Modules, Without Cabinet And Transformer** *(28 46 21 33-0360)*		
28 46 21 33-0392	EA	100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) Note: Excludes cabinet.	1,527.31	49.94
28 46 21 33-0393	EA	100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM) Note: Excludes cabinet.	1,602.44	49.94
28 46 21 33-0394	EA	100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD) Note: Excludes cabinet.	2,203.46	49.94
28 46 21 33-0395	EA	25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	851.17	49.94
28 46 21 33-0396	EA	25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	851.17	49.94
28 46 21 33-0397	EA	25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD)	1,527.31	49.94
28 46 21 33-0398	EA	50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	1,226.80	49.94
28 46 21 33-0399	EA	50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	1,301.93	49.94
28 46 21 33-0400	EA	50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) Note: Excludes cabinet.	1,902.95	49.94
28 46 21 33-0401	EA	Power Transformer, Open Frame, 28 VAC @ 180 VA (EVAX 50/100) (GE ANST28180)	100.10	12.49
28 46 21 33-0402	EA	Power Transformer, Open Frame, 28 VAC @ 100 VA (EVAX 25) (GE ANST2885)	75.92	12.49
28 46 21 33-0403		**Simplex Fire Alarm** *(28 46 21 17)*		
28 46 21 33-0404		**4100 Fire Alarm Control Panel** *(28 46 21 33-0403)*		
28 46 21 33-0405	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9 Amp System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 VAC Input (Simplex 4100-9111)	4,526.62	498.76
28 46 21 33-0406	EA	4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amp System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 VAC Input (Simplex 4100-9141)	4,889.27	498.76
28 46 21 33-0407	EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	6,788.62	498.76
28 46 21 33-0408	EA	IDNet Module, Up To 127 Points (Simplex 4100-3104) Note: Add-on module.	3,101.50	498.76
28 46 21 33-0409	EA	IDNet Module, Up To 64 Points (Simplex 4100-3105) Note: Add-on module.	2,548.44	498.76
28 46 21 33-0410	EA	Expansion Power Supply, 3 NACs, 120 VAC (Simplex 4100-5101) Note: Add-on module.	1,334.71	124.69
28 46 21 33-0411	EA	Alarm Relay, 3 Form C Relays, 2 Amp @ 32 VDC, For SPS Or RPS (Simplex 4100-6033) Note: Add-on module.	278.56	24.94
28 46 21 33-0412	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038) Note: Add-on module.	773.43	24.94
28 46 21 33-0413		**4100U Backbox** *(28 46 21 33-0403)*		
28 46 21 33-0414	EA	2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425) Note: 24" x 40" beige backbox.	1,372.91	99.76
28 46 21 33-0415	EA	3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443) Note: 24" x 56" beige backbox.	1,910.97	99.76
28 46 21 33-0416		**DACT (Digital Alarm Communicator Transmitter)** *(28 46 21 33-0403)*		
28 46 21 33-0417	EA	6 Zone Fire Control Communicator (Silent Knight SK-5104)	749.08	49.87
28 46 21 33-0418		**4010 Fire Alarm Control Panel** *(28 46 21 33-0403)*		
28 46 21 33-0419	EA	120 VAC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101)	4,304.22	498.76
28 46 21 33-0420	EA	240 VAC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201)	4,194.07	498.76
28 46 21 33-0421	EA	Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806)	150.01	24.94
28 46 21 33-0422	EA	Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811)	605.52	24.94
28 46 21 33-0423	EA	Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	827.39	24.94
28 46 21 33-0424	EA	120 VAC, 4 Amp Expansion Power Supply Expansion Module (Simplex 4010-9813)	431.76	24.94
28 46 21 33-0425	EA	240 VAC, 4 Amp Expansion Power Supply Expansion Module (Simplex 4010-9823)	466.11	24.94
28 46 21 33-0426	EA	Battery Meter Module Expansion Module (Simplex 4010-9820)	183.38	24.94
28 46 21 33-0427		**Printer** *(28 46 21 33-0403)*		
28 46 21 33-0428	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013)	1,324.19	24.94
28 46 21 33-0429		**NAC Panel / Power Booster** *(28 46 21 33-0403)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0430	EA	IDNet NAC Extender With 4, Class B (Style Y) NACs and 8 Amp Power Supply, 120 VAC (Simplex 4009-9201) Note: Power supply for horns and strobes.	915.71	124.69
28 46 21 33-0431		**Battery** *(28 46 21 33-0403)*		
28 46 21 33-0432	EA	50 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9296) Note: Two required for 24 volt DC.	543.60	24.94
28 46 21 33-0433	EA	33 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9276) Note: Two required for 24 volt DC.	365.68	24.94
28 46 21 33-0434	EA	6.2 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24 volt DC.	140.32	24.94
28 46 21 33-0435		**Interface Modules** *(28 46 21 33-0403)*		
28 46 21 33-0436	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow/tamper, etc.	115.87	24.94
28 46 21 33-0437	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	225.69	24.94
28 46 21 33-0438	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	64.13	24.94
28 46 21 33-0439	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	117.08	24.94
28 46 21 33-0440	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817)	52.84	12.47
28 46 21 33-0441	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	50.52	12.47
28 46 21 33-0442		**Pull Stations** *(28 46 21 33-0403)*		
28 46 21 33-0443	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	139.43	24.94
28 46 21 33-0444	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101)	103.36	24.94
28 46 21 33-0445	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102)	110.33	24.94
28 46 21 33-0446	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103)	100.22	24.94
28 46 21 33-0447	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104)	114.99	24.94
28 46 21 33-0448	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105)	168.05	24.94
28 46 21 33-0449	EA	Pre-Signal, N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107)	142.89	24.94
28 46 21 33-0450	EA	Pre-Signal, N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108)	166.14	24.94
28 46 21 33-0451	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	83.98	24.94
28 46 21 33-0452	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755)	88.24	24.94
28 46 21 33-0453	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756)	101.94	24.94
28 46 21 33-0454	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758)	151.75	24.94
28 46 21 33-0455	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759)	253.62	24.94
28 46 21 33-0456	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762)	91.73	24.94
28 46 21 33-0457	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178)	55.17	12.47
28 46 21 33-0458		**Weatherproof Pull Stations** *(28 46 21 33-0403)*		
28 46 21 33-0459	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	138.93	29.93
28 46 21 33-0460	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	86.07	12.47
28 46 21 33-0461		**Heat / Smoke Sensor** *(28 46 21 33-0403)*		
28 46 21 33-0462	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733)	143.31	37.41
28 46 21 33-0463	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	200.40	37.41
28 46 21 33-0464	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	360.92	12.47
28 46 21 33-0465	EA	Standard Sensor Base (Simplex 4098-9792)	186.42	12.47
28 46 21 33-0466	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737) Note: Relay for 4098-9791	116.29	24.94
28 46 21 33-0467		**Explosion Proof Heat Detector** *(28 46 21 33-0403)*		
28 46 21 33-0468	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488)	150.61	37.41
28 46 21 33-0469	EA	Explosion Proof Backbox (Killark JLX-21)	92.39	12.47
28 46 21 33-0470	EA	Explosion Proof Backbox Plugs (Killark CUP-2)	9.11	2.49
28 46 21 33-0471		**Weatherproof Heat Detector** *(28 46 21 33-0403)*		
28 46 21 33-0472	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490)	113.93	37.41
28 46 21 33-0473		**200 Degree F Heat Detector** *(28 46 21 33-0403)*		
28 46 21 33-0474	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604) Note: Used in kiln rooms and kitchens.	97.54	37.41
28 46 21 33-0475		**Duct Smoke Sensor** *(28 46 21 33-0403)*		
28 46 21 33-0476	EA	Duct Sensor Housing (Simplex 4098-9755)	296.67	19.95
28 46 21 33-0477	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756) Note: Relay output for AHU shutdown.	408.93	44.88
28 46 21 33-0478	EA	46" To 71" Duct Sampling Tube (Simplex 2098-9798) Note: 25", 49", 73" or 97" sampling tube length.	49.20	12.47
28 46 21 33-0479	EA	Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806)	120.85	37.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0480		**Interior Horn** *(28 46 21 33-0403)*		
28 46 21 33-0481	EA	Red With White “FIRE” Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850)	113.22	37.41
28 46 21 33-0482	EA	White With Red “FIRE” Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853)	113.22	37.41
28 46 21 33-0483		**Interior Horn Strobe** *(28 46 21 33-0403)*		
28 46 21 33-0484	EA	Wall Mounted Horn Strobe, 75Cd, Red (Simplex 4903-9426)	149.50	37.41
28 46 21 33-0485	EA	Wall Mounted Horn Strobe, 110Cd, Red (Simplex 4903-9427)	149.50	37.41
28 46 21 33-0486	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	141.22	37.41
28 46 21 33-0487	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	141.22	37.41
28 46 21 33-0488	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	141.22	37.41
28 46 21 33-0489	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	141.22	37.41
28 46 21 33-0490	EA	Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	144.00	37.41
28 46 21 33-0491	EA	Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	144.00	37.41
28 46 21 33-0492	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	148.88	37.41
28 46 21 33-0493	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	146.63	37.41
28 46 21 33-0494	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	148.88	37.41
28 46 21 33-0495	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	146.63	37.41
28 46 21 33-0496	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	141.22	37.41
28 46 21 33-0497	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	141.22	37.41
28 46 21 33-0498	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	141.22	37.41
28 46 21 33-0499	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	141.22	37.41
28 46 21 33-0500		**Interior Strobe** *(28 46 21 33-0403)*		
28 46 21 33-0501	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	123.64	37.41
28 46 21 33-0502	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	123.64	37.41
28 46 21 33-0503	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	123.60	37.41
28 46 21 33-0504	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	123.64	37.41
28 46 21 33-0505	EA	Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	134.15	37.41
28 46 21 33-0506	EA	Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	134.15	37.41
28 46 21 33-0507	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	134.83	37.41
28 46 21 33-0508	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	136.66	37.41
28 46 21 33-0509	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	136.66	37.41
28 46 21 33-0510	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	136.66	37.41
28 46 21 33-0511	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	123.64	37.41
28 46 21 33-0512	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	123.64	37.41
28 46 21 33-0513	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	123.64	37.41
28 46 21 33-0514	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	123.64	37.41
28 46 21 33-0515		**Interior Speakers** *(28 46 21 33-0403)*		
28 46 21 33-0516	EA	Red With White “FIRE” Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	104.32	37.41
28 46 21 33-0517	EA	White With Red “FIRE” Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	104.32	37.41
28 46 21 33-0518	EA	Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	104.32	37.41
28 46 21 33-0519		**Interior Speaker Strobe** *(28 46 21 33-0403)*		
28 46 21 33-0520	EA	Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	157.69	37.41
28 46 21 33-0521	EA	White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	157.69	37.41
28 46 21 33-0522		**Surge Suppressors** *(28 46 21 33-0403)*		
28 46 21 33-0523	EA	Overvoltage Suppressor (Simplex 2081-9044)	93.24	7.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0524	EA	Isolated Loop Circuit Protector (Simplex 2081-9028)	61.03	7.48
28 46 21 33-0525	EA	120 VAC, 20 Amp Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	195.27	7.48
28 46 21 33-0526	EA	24 VAC Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B)	69.33	7.48
28 46 21 33-0527	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB)	105.08	12.47
28 46 21 33-0528	EA	120 VAC, 22,500 Amp, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	70.98	7.48
28 46 21 33-0529	EA	<105 VAC, 9,000 Amp, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	54.37	7.48
28 46 21 33-0530		**Boxes And Adapters** *(28 46 21 33-0403)*		
28 46 21 33-0531	EA	Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921)	50.52	12.47
28 46 21 33-0532	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	48.19	12.47
28 46 21 33-0533	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	43.63	12.47
28 46 21 33-0534	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	37.17	12.47
28 46 21 33-0535		**Accessories** *(28 46 21 33-0403)*		
28 46 21 33-0536	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	27.64	12.47
28 46 21 33-0537		**Siemens Fire Alarm** *(28 46 21 17)*		
28 46 21 33-0538		**Conventional Control Panels** *(28 46 21 33-0537)*		
28 46 21 33-0539		**SXL Batteries And Power Supplies** *(28 46 21 33-0538)*		
28 46 21 33-0540	EA	6 Amp Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	780.92	49.87
28 46 21 33-0541	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	634.00	49.87
28 46 21 33-0542		**Digital Fire Communicators** *(28 46 21 33-0538)*		
28 46 21 33-0543	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	614.63	49.87
28 46 21 33-0544		**Addressable Control Panels** *(28 46 21 33-0537)*		
28 46 21 33-0545		**Fireseeker Equipment** *(28 46 21 33-0544)*		
28 46 21 33-0546		**FS-250 System Panels** *(28 46 21 33-0545)*		
28 46 21 33-0547	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	2,076.67	498.76
28 46 21 33-0548	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	2,525.44	498.76
28 46 21 33-0549	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	1,559.30	399.00
28 46 21 33-0550	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	2,079.35	498.76
28 46 21 33-0551		**FS-250 Optional Modules** *(28 46 21 33-0545)*		
28 46 21 33-0552	EA	Main Board Module (Siemens FS-MB2)	786.26	49.87
28 46 21 33-0553	EA	Display Board Module (Siemens FS-DB2)	605.48	24.94
28 46 21 33-0554	EA	Device Loop Card (Siemens FS-DLC)	498.63	24.94
28 46 21 33-0555	EA	Releasing Module (Siemens FS-REL)	228.84	24.94
28 46 21 33-0556	EA	Remote LCD Annunciator (Siemens FS-RD2)	495.29	24.94
28 46 21 33-0557	EA	Relay Processor Card (Siemens FS-RU2)	431.85	24.94
28 46 21 33-0558	EA	Relay Expander Board (Siemens FS-RE8)	370.41	24.94
28 46 21 33-0559	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	495.29	24.94
28 46 21 33-0560	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	389.11	24.94
28 46 21 33-0561	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	355.05	24.94
28 46 21 33-0562	EA	Municipal Tie Module (Siemens FS-MT)	303.63	24.94
28 46 21 33-0563	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	291.42	
28 46 21 33-0564	EA	Programming Cable Kit (Siemens CBL-UD)	76.36	12.47
28 46 21 33-0565	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	138.69	24.94
28 46 21 33-0566	EA	Releasing Power Transformer (Siemens FS-RPT-A)	140.69	24.94
28 46 21 33-0567	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	154.76	19.95
28 46 21 33-0568	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	241.31	12.47
28 46 21 33-0569		**Firefinder Systems** *(28 46 21 33-0544)*		
28 46 21 33-0570		**XLS Basic Fire System Packages Without Backbox** *(28 46 21 33-0569)*		
28 46 21 33-0571	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	6,905.36	498.76
28 46 21 33-0572	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	6,142.74	498.76

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28 46 21 33-0573	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	6,142.74	498.76
28 46 21 33-0574	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	9,933.17	498.76
28 46 21 33-0575	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	10,249.71	498.76
28 46 21 33-0576	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	6,065.94	498.76
28 46 21 33-0577	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	6,065.94	498.76
28 46 21 33-0578	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	6,958.12	498.76

28 46 21 33-0579 Firefinder - XLS Basic System Equipment *(28 46 21 33-0569)*

28 46 21 33-0580	EA	Person Machine Interface With Central Processor (Siemens PMI) Note: Includes inner door.	3,223.29	498.76
28 46 21 33-0581	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC) Note: Includes inner door.	5,193.97	498.76
28 46 21 33-0582	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT) Note: Includes inner door.	3,223.29	498.76
28 46 21 33-0583	EA	Two Slot Card Cage (Siemens CC-2)	381.10	24.94
28 46 21 33-0584	EA	Five Slot Card Cage (Siemens CC-5)	635.53	24.94
28 46 21 33-0585	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	902.65	24.94
28 46 21 33-0586	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B)	942.05	24.94
28 46 21 33-0587	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C)	306.31	24.94
28 46 21 33-0588	EA	Device Loop Card (Siemens DLC) Note: Interfaces with up to 252 detectors and devices.	1,067.60	24.94
28 46 21 33-0589	EA	Controllable Relay Card (Siemens CRC-6) Note: Provides six programmable relays.	610.15	24.94
28 46 21 33-0590	EA	12 Amp Power Supply Charger Module (Siemens PSC-12)	2,275.65	24.94
28 46 21 33-0591	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI) Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	4,114.13	498.76
28 46 21 33-0592	EA	Network Interface Card (Siemens NIC-C) Note: Provides HNET Or XNET communication between enclosures.	711.66	24.94
28 46 21 33-0593	EA	12 Amp Power Supply Extender (Siemens PSX-12) Note: Extends PSC-12 with an additional 24 volt DC.	1,895.00	24.94
28 46 21 33-0594	EA	Power Termination Board (Siemens PTB) Note: Used with systems requiring more than one PSX-12.	330.35	24.94
28 46 21 33-0595	EA	Conventional Detector Card (Siemens CDC-4)	686.28	24.94
28 46 21 33-0596	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS)	1,332.05	24.94
28 46 21 33-0597	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	4,756.52	24.94

28 46 21 33-0598 Remote Lobby Enclosure *(28 46 21 33-0569)*

28 46 21 33-0599	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) Note: Flush mounted. Includes clear lens plate on cover.	925.40	99.76
28 46 21 33-0600	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) Note: Flush mounted. Includes clear lens plate on cover.	1,179.16	99.76
28 46 21 33-0601	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) Note: Required to mount up to four SIM-16 or OCM-16 modules.	152.04	24.94
28 46 21 33-0602	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) Note: Required to mount up to eight SIM-16 or OCM-16 modules.	164.73	24.94

28 46 21 33-0603 Battery Enclosures *(28 46 21 33-0569)*

28 46 21 33-0604	EA	Enclosure For 100 Amp Hours Batteries (Siemens CAB-BATT)	594.17	99.76

28 46 21 33-0605 Graphic Annunciator Output Drivers And Inputs *(28 46 21 33-0569)*

28 46 21 33-0606	EA	Output Control Module (Siemens OCM-16)	444.54	24.94
28 46 21 33-0607	EA	Supervised Input Module (Siemens SIM-16)	444.54	24.94

28 46 21 33-0608 Remote LCD Displays *(28 46 21 33-0569)*

28 46 21 33-0609	EA	Remote LED/LCD System Status Display (Siemens SSD) Note: No control or menu capability.	1,039.81	74.81
28 46 21 33-0610	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C)	1,167.36	74.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0611		**Voice Equipment** *(28 46 21 33-0569)*		
28 46 21 33-0612	EA	40W Zone Amplifier Card (Siemens ZAC-40)	1,006.16	24.94
28 46 21 33-0613	EA	180W Zone Amplifier Module (Siemens ZAM-180)	2,212.87	24.94
28 46 21 33-0614	EA	Live Voice Module (Siemens LVM) Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	940.05	24.94
28 46 21 33-0615		**MXL Series Equipment** *(28 46 21 33-0544)*		
28 46 21 33-0616		**MXL Optional Equipment** *(28 46 21 33-0615)*		
28 46 21 33-0617	EA	Two Circuit Analog Loop Driver (Siemens ALD-2I)	1,096.12	49.87
28 46 21 33-0618	EA	CXL/MXL Interface Module (Siemens CMI-300)	2,774.49	24.94
28 46 21 33-0619	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	487.95	24.94
28 46 21 33-0620	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4)	586.11	24.94
28 46 21 33-0621	EA	Remote Conventional Zone Module (Siemens CZM-1B6)	229.51	24.94
28 46 21 33-0622	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1)	147.37	24.94
28 46 21 33-0623	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	570.75	24.94
28 46 21 33-0624	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	221.73	37.41
28 46 21 33-0625	EA	Lexan Window For RCC (Siemens GENBOX-WD)	147.42	19.95
28 46 21 33-0626	EA	Input Driver Module (Siemens MID-16)	379.10	24.94
28 46 21 33-0627	EA	Programmable Output Driver Module (Siemens MOD-16)	379.10	24.94
28 46 21 33-0628	EA	MXL Output/Input Module (Siemens MOI-7)	598.13	24.94
28 46 21 33-0629	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	325.00	24.94
28 46 21 33-0630	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4)	503.31	24.94
28 46 21 33-0631	EA	12 Amp, 220 VAC Power Supply For MXL (Siemens MPS-12/220)	1,245.49	74.81
28 46 21 33-0632	EA	12 Amp, 240 VAC Power Supply For MXL (Siemens MPS-12/240)	1,245.49	74.81
28 46 21 33-0633	EA	Network Interface Module (Siemens NIM-1W)	885.29	24.94
28 46 21 33-0634	EA	U.L. Listed Parallel Printer (Siemens PAL-1)	2,336.46	99.76
28 46 21 33-0635	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	269.58	24.94
28 46 21 33-0636	EA	Surface Mounted Remote Command Center (Siemens RCC-1)	2,777.20	498.76
28 46 21 33-0637	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL)	335.49	49.87
28 46 21 33-0638	EA	Flush Mounted Remote Command Center (Siemens RCC-1F)	2,777.20	498.76
28 46 21 33-0639	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL)	343.51	49.87
28 46 21 33-0640	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2)	2,199.55	498.76
28 46 21 33-0641	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3)	3,153.84	498.76
28 46 21 33-0642	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	54.99	12.47
28 46 21 33-0643	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL)	3,572.32	49.87
28 46 21 33-0644	EA	Remote Diagnostics Module For PC (Siemens RDM-PC)	7,577.12	49.87
28 46 21 33-0645	EA	Releasing End Of Line Module (Siemens REL-EOL)	122.66	24.94
28 46 21 33-0646	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	2,288.14	49.87
28 46 21 33-0647	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL)	2,185.97	49.87
28 46 21 33-0648	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1)	1,201.87	99.76
28 46 21 33-0649		**Complete MXL And MXLV System Packages Without Enclosure** *(28 46 21 33-0615)*		
28 46 21 33-0650	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	8,838.64	498.76
28 46 21 33-0651	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	11,341.56	498.76
28 46 21 33-0652	EA	MXLV Demonstration Panel (Siemens MXLV DEMO)	23,030.73	498.76
28 46 21 33-0653		**MXL Basic System** *(28 46 21 33-0615)*		
28 46 21 33-0654	EA	MXL/MXLV Main Control Board (Siemens MMB-3)	5,689.30	498.76
28 46 21 33-0655	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL) Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	7,184.50	498.76
28 46 21 33-0656	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2)	1,934.21	49.87
28 46 21 33-0657	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5)	2,416.36	49.87
28 46 21 33-0658	EA	6 Amp Power Supply For MXL (Siemens MPS-6)	870.85	74.81
28 46 21 33-0659	EA	220/240 VAC Adapter Cable (Siemens CIA-12)	68.35	12.47
28 46 21 33-0660		**MXL/MXLR System Expansion Accessories** *(28 46 21 33-0615)*		
28 46 21 33-0661	EA	MXL Remote Power Supply Module (Siemens PSR-1)	1,059.84	74.81
28 46 21 33-0662	EA	Style 4 Communication Module (Siemens NET-4)	222.83	24.94
28 46 21 33-0663	EA	Style 7 Communication Module (Siemens NET-7)	394.45	24.94
28 46 21 33-0664	EA	MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6)	242.20	24.94
28 46 21 33-0665		**Peripheral Devices** *(28 46 21 33-0544)*		
28 46 21 33-0666		**Thermal Detectors** *(28 46 21 33-0665)*		
28 46 21 33-0667	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R)	107.53	37.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0668	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R)	107.53	37.41
28 46 21 33-0669	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F)	107.53	37.41
28 46 21 33-0670	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F)	107.53	37.41
28 46 21 33-0671	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP)	157.62	37.41
28 46 21 33-0672	EA	Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP)	157.62	37.41
28 46 21 33-0673	EA	Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	359.96	37.41
28 46 21 33-0674		**Beam Smoke Detector** *(28 46 21 33-0665)*		
28 46 21 33-0675	EA	Linear Beam Smoke Detector (Siemens PBA-1191)	1,643.58	37.41
28 46 21 33-0676	EA	Base For Linear Beam Smoke Detector (Siemens PBB-1191)	190.55	12.47
28 46 21 33-0677	EA	20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192)	192.56	12.47
28 46 21 33-0678	EA	10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193)	101.74	12.47
28 46 21 33-0679		**Bases For Detectors** *(28 46 21 33-0665)*		
28 46 21 33-0680	EA	Detector Base (Siemens DB-11)	34.96	12.47
28 46 21 33-0681	EA	Universal Base (Siemens DB-3S)	32.95	12.47
28 46 21 33-0682		**Manual Stations** *(28 46 21 33-0665)*		
28 46 21 33-0683	EA	Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP)	219.45	29.93
28 46 21 33-0684		**Addressable Devices** *(28 46 21 33-0544)*		
28 46 21 33-0685		**Intelligent Detectors And Devices For Firefinder XLS And FS-250** *(28 46 21 33-0684)*		
28 46 21 33-0686	EA	Addressable Fireprint Fire Detector (Siemens HFP-11)	189.67	37.41
28 46 21 33-0687	EA	Addressable Thermal Fire Detector (Siemens HFPT-11)	166.30	37.41
28 46 21 33-0688	EA	Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	138.92	37.41
28 46 21 33-0689	EA	Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	99.52	37.41
28 46 21 33-0690	EA	Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	99.52	37.41
28 46 21 33-0691	EA	Addressable Single Action Manual Pull Station (Siemens HMS-S)	190.78	24.94
28 46 21 33-0692	EA	Addressable Double Action Manual Pull Station (Siemens HMS-D)	182.76	24.94
28 46 21 33-0693	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S)	147.37	24.94
28 46 21 33-0694	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	177.42	24.94
28 46 21 33-0695	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	177.42	24.94
28 46 21 33-0696	EA	Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M)	137.35	24.94
28 46 21 33-0697	EA	Line Isolator Module (Siemens HLIM)	141.36	24.94
28 46 21 33-0698	EA	Remote Convention Zone Module (Siemens HZM)	202.80	24.94
28 46 21 33-0699	EA	Intelligent Control Point Module (Siemens HCP)	253.55	24.94
28 46 21 33-0700	EA	Handheld Programming And Testing Unit (Siemens DPU)	1,066.71	
28 46 21 33-0701	EA	DPU Carrying Case (Siemens DPU-C1)	167.22	
28 46 21 33-0702	EA	Label Printer And Carrying Case (Siemens DPU-PRT)	1,828.89	24.94
28 46 21 33-0703		**Air Duct Housings And Detectors** *(28 46 21 33-0684)*		
28 46 21 33-0704	EA	Air-Duct Housing (Siemens AD2-P)	204.85	19.95
28 46 21 33-0705	EA	Air-Duct Housing With Relay (Siemens AD2-XHR)	230.22	19.95
28 46 21 33-0706	EA	Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	189.44	24.94
28 46 21 33-0707	EA	6" To 1' Duct Sampling Tube (Siemens ST-10)	28.32	7.48
28 46 21 33-0708	EA	>1' To 3' Duct Sampling Tube (Siemens ST-25)	35.31	9.98
28 46 21 33-0709	EA	>3' To 5' Duct Sampling Tube (Siemens ST-50)	44.31	12.47
28 46 21 33-0710	EA	>5' To 10' Duct Sampling Tube (Siemens ST-100)	51.97	14.96
28 46 21 33-0711		**Intelligent Initiating Devices For MXL, MXL-LQ And MXLV** *(28 46 21 33-0684)*		
28 46 21 33-0712	EA	Addressable Fireprint Fire Detector (Siemens FP-11)	197.02	37.41
28 46 21 33-0713	EA	Addressable Thermal Fire Detector (Siemens FPT-11)	172.31	37.41
28 46 21 33-0714	EA	Intelligent Ionization Smoke Detector (Siemens ILI-1)	215.72	37.41
28 46 21 33-0715	EA	Addressable Single Action Manual Pull Station (Siemens MSI-10B)	186.10	24.94
28 46 21 33-0716	EA	Addressable Double Action Manual Pull Station (Siemens MSI-20B)	204.13	24.94
28 46 21 33-0717	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	188.10	24.94
28 46 21 33-0718	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	206.80	24.94
28 46 21 33-0719	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	206.80	24.94
28 46 21 33-0720		**Detector Universal Bases** *(28 46 21 33-0684)*		
28 46 21 33-0721	EA	Detector Base With Relay (Siemens DB-X11RS)	88.38	12.47
28 46 21 33-0722	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	48.31	12.47
28 46 21 33-0723	EA	Locking Kit (Siemens LK-11)	10.51	
28 46 21 33-0724	EA	Detector Base With Relay (Siemens DB-X3RS)	88.38	12.47
28 46 21 33-0725	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	101.74	12.47
28 46 21 33-0726	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	46.31	12.47
28 46 21 33-0727	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	22.97	7.48
28 46 21 33-0728	EA	Seal For DB-11 (Siemens DB11-SEAL)	12.12	
28 46 21 33-0729	EA	Gasket For DB-11 (Siemens DB-SEAL)	13.00	
28 46 21 33-0730	EA	Detector Guard Housing (Siemens DGH-11)	126.45	12.47
28 46 21 33-0731	EA	Small Detector Base (Siemens DB-11E)	37.63	12.47
28 46 21 33-0732	EA	Audible Base For Series 3 (Siemens ADBI-60A)	113.76	12.47
28 46 21 33-0733	EA	Base Plug (Siemens DB-11-DP)	10.49	
28 46 21 33-0734		**Air Duct Smoke Detectors** *(28 46 21 33-0684)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0735	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	103.96	24.94
28 46 21 33-0736	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	481.94	24.94
28 46 21 33-0737		**Notification Devices** *(28 46 21 33-0544)*		
28 46 21 33-0738		**Synchronization Control Devices** *(28 46 21 33-0737)*		
28 46 21 33-0739	EA	Dual Synchronization Control Module (Siemens DSC)	147.37	24.94
28 46 21 33-0740		**Stand Alone Strobes** *(28 46 21 33-0737)*		
28 46 21 33-0741	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	131.57	37.41
28 46 21 33-0742	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	141.59	37.41
28 46 21 33-0743	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	131.57	37.41
28 46 21 33-0744	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	141.59	37.41
28 46 21 33-0745	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	141.59	37.41
28 46 21 33-0746	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	131.57	37.41
28 46 21 33-0747	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	148.94	37.41
28 46 21 33-0748	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	143.59	37.41
28 46 21 33-0749	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	143.59	37.41
28 46 21 33-0750	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	152.27	37.41
28 46 21 33-0751	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	152.27	37.41
28 46 21 33-0752		**Horns And Strobes** *(28 46 21 33-0737)*		
28 46 21 33-0753	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	170.97	37.41
28 46 21 33-0754	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	179.65	37.41
28 46 21 33-0755	EA	Wall Mounted Horn (Siemens SE-R)	107.53	37.41
28 46 21 33-0756	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	170.97	37.41
28 46 21 33-0757	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	179.65	37.41
28 46 21 33-0758	EA	Ceiling Mounted Horn (Siemens SEC-R)	111.54	37.41
28 46 21 33-0759	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	170.97	37.41
28 46 21 33-0760	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	179.65	37.41
28 46 21 33-0761	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	107.53	37.41
28 46 21 33-0762	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	170.97	37.41
28 46 21 33-0763	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW)	179.65	37.41
28 46 21 33-0764	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR)	111.54	37.41
28 46 21 33-0765	EA	Mini Horn (Siemens MH-R)	92.84	37.41
28 46 21 33-0766	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R)	112.87	37.41
28 46 21 33-0767	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R)	162.29	37.41
28 46 21 33-0768	EA	Industrial Tri-Tone Horn (Siemens ASR)	425.41	37.41
28 46 21 33-0769	EA	Wall Mounted Horn (Siemens HS-R)	112.87	37.41
28 46 21 33-0770	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R)	162.96	37.41
28 46 21 33-0771	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R)	173.64	37.41
28 46 21 33-0772	EA	6" Motor Bell (Siemens MBDC-6)	126.23	37.41
28 46 21 33-0773	EA	10" Motor Bell (Siemens MBDC-10)	136.25	37.41
28 46 21 33-0774		**Mounting Accessories** *(28 46 21 33-0737)*		
28 46 21 33-0775	EA	Concealed Conduit Adapter Plate (Siemens APS-R)	32.95	12.47
28 46 21 33-0776	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R)	32.95	12.47
28 46 21 33-0777	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R)	33.62	12.47
28 46 21 33-0778	EA	Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX)	49.65	12.47
28 46 21 33-0779	EA	White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W)	40.97	12.47
28 46 21 33-0780	EA	Surface Mounted Speaker Backbox (Siemens SBBS-R)	42.97	12.47
28 46 21 33-0781	EA	Surface Mounted Speaker Backbox (Siemens SBL2S-R)	45.64	12.47
28 46 21 33-0782	EA	Square Semi-Flush Extension Ring (Siemens SERS-R)	37.63	12.47
28 46 21 33-0783	EA	Semi-Flush Plate (Siemens SFPS-R)	32.29	12.47
28 46 21 33-0784	EA	Square Surface Backbox (Siemens SHBBS-R)	37.63	12.47
28 46 21 33-0785	EA	Horn Adapter Plate (Siemens SHMPS-R)	36.29	12.47
28 46 21 33-0786	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R)	32.95	12.47
28 46 21 33-0787	EA	Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R)	40.97	12.47
28 46 21 33-0788	EA	Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R)	42.97	12.47
28 46 21 33-0789	EA	Weatherproof Speaker Backbox (Siemens WBBS-R)	41.64	12.47
28 46 21 33-0790	EA	Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	45.64	12.47
28 46 21 33-0791	EA	Weatherproof Flush Plate (Siemens WFPAS-R)	45.64	12.47
28 46 21 33-0792	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R)	45.64	12.47
28 46 21 33-0793	EA	Weatherproof Horn Backbox (Siemens WPBBS-R)	42.97	12.47
28 46 21 33-0794	EA	Weatherproof Strobe Backbox (Siemens WPSBBS-R)	42.97	12.47
28 46 21 33-0795	EA	Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT)	32.95	12.47
28 46 21 33-0796	EA	Z Series Backbox (Siemens ZBB-R)	36.29	12.47
28 46 21 33-0797		**Door Holders** *(28 46 21 33-0737)*		
28 46 21 33-0798	EA	120 VAC Concealed Wiring Fire Door Holder (Siemens SDH-2A)	247.10	37.41
28 46 21 33-0799	EA	24 VDC Concealed Wiring Fire Door Holder (Siemens SDH-2D)	247.10	37.41
28 46 21 33-0800		**Voice Equipment** *(28 46 21 33-0544)*		
28 46 21 33-0801		**Voicecom** *(28 46 21 33-0800)*		
28 46 21 33-0802	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM)	3,745.51	498.76

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0803	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L)	5,782.30	498.76
28 46 21 33-0804		**Johnson Controls Fire Alarm** *(28 46 21 17)*		
28 46 21 33-0805	EA	Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J)	152.67	37.41
28 46 21 33-0806	EA	Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J)	151.23	37.41
28 46 21 33-0807	EA	Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ)	184.39	37.41
28 46 21 33-0808	EA	Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ)	183.93	37.41
28 46 21 33-0809	EA	411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD)	480.49	49.87
28 46 21 33-0810	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ)	145.28	37.41
28 46 21 33-0811	EA	Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J)	131.55	37.41
28 46 21 33-0812	EA	Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ)	128.65	37.41
28 46 21 33-0813	EA	Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J)	352.32	37.41
28 46 21 33-0814	EA	100 Watt Audio Amplifier @ 70.7 VRMS With Built-in Tone Generator, 120 VAC. (Johnson Controls, Inc. #AA-100)	1,662.58	74.81
28 46 21 33-0815	EA	AUDIO Amplifier, 100 Watt, 230 VAC (Johnson Controls, Inc. #AA-100E)	1,611.99	74.81
28 46 21 33-0816	EA	120 Watt Audio Amplifier @ 25 VRMS With Built-in Tone Generator, 120 VAC (Johnson Controls, Inc. #AA-120)	1,639.28	74.81
28 46 21 33-0817	EA	AUDIO Amplifier, 120 Watt, 230 VAC (Johnson Controls, Inc. #AA-120E)	1,571.13	74.81
28 46 21 33-0818	EA	30 Watt Audio Amplifier @ 25 VRMS, 120 VAC (Johnson Controls, Inc. #AA-30)	783.81	74.81
28 46 21 33-0819	EA	AUDIO Amplifier, 30 Watt, 230 VAC (Johnson Controls, Inc. #AA-30E)	783.81	74.81
28 46 21 33-0820	EA	Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT)	760.63	24.94
28 46 21 33-0821	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT)	790.67	24.94
28 46 21 33-0822	EA	Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A)	583.96	24.94
28 46 21 33-0823	EA	IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A)	583.96	24.94
28 46 21 33-0824	EA	Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R)	415.47	24.94
28 46 21 33-0825	EA	Charger Power Supply - 6 Or 10 Amps; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610)	1,325.19	49.87
28 46 21 33-0826	EA	Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT)	583.96	24.94
28 46 21 33-0827	EA	Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT)	606.54	24.94
28 46 21 33-0828	EA	Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A)	524.72	24.94
28 46 21 33-0829	EA	Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A)	524.72	24.94
28 46 21 33-0830	EA	Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX)	96.96	22.44
28 46 21 33-0831	EA	Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM)	808.48	49.87
28 46 21 33-0832	EA	Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS)	1,733.67	49.87
28 46 21 33-0833	EA	Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM)	808.48	49.87
28 46 21 33-0834	EA	Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS)	1,733.67	49.87
28 46 21 33-0835	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP)	37.19	12.47
28 46 21 33-0836	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224BI)	89.90	12.47
28 46 21 33-0837	EA	Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB)	85.13	12.47
28 46 21 33-0838	EA	Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401)	39.23	12.47
28 46 21 33-0839	EA	Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J)	35.85	12.47
28 46 21 33-0840	EA	Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100)	596.11	49.87
28 46 21 33-0841	EA	Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224)	1,375.06	74.81
28 46 21 33-0842	EA	Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S)	1,451.66	74.81
28 46 21 33-0843	EA	Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK)	162.80	12.47
28 46 21 33-0844	EA	Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK)	111.75	12.47
28 46 21 33-0845	EA	Digital Audio Amplifier, 50 Watt, 25 VRMS (Johnson Controls, Inc. #DAA-5025)	1,376.19	74.81
28 46 21 33-0846	EA	Digital Audio Amplifier, 50 Watt, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F)	1,272.94	74.81
28 46 21 33-0847	EA	Digital Audio Amplifier, 50 Watt, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF)	1,272.94	74.81
28 46 21 33-0848	EA	Digital Audio Amplifier, 50 Watt, 70 VRMS (Johnson Controls, Inc. #DAA-5070)	1,487.72	74.81
28 46 21 33-0849	EA	Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E)	1,375.06	74.81
28 46 21 33-0850	EA	Digital Audio Amplifier, 50 Watt, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F)	1,375.06	74.81
28 46 21 33-0851	EA	Digital Audio Amplifier, 50 Watt, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF)	1,375.06	74.81
28 46 21 33-0852	EA	Digital Audio Amplifier, 75 Watt, 25 VRMS (Johnson Controls, Inc. #DAA-7525)	1,637.66	74.81
28 46 21 33-0853	EA	Digital Audio Amplifier, 75 Watt, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F)	1,637.66	74.81
28 46 21 33-0854	EA	Digital Audio Amplifier, 75 Watt, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF)	1,637.66	74.81
28 46 21 33-0855	EA	Innovairflex Intelligent. (Johnson Controls, Inc. #DNR)	178.61	24.94
28 46 21 33-0856	EA	Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW)	267.90	24.94
28 46 21 33-0857	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1)	28.09	9.98
28 46 21 33-0858	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5)	30.19	9.98
28 46 21 33-0859	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10)	69.21	14.96
28 46 21 33-0860	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3)	34.89	9.98
28 46 21 33-0861	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5)	43.16	12.47
28 46 21 33-0862	EA	Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO)	269.42	24.94
28 46 21 33-0863	EA	Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD)	452.08	49.87
28 46 21 33-0864	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4)	391.82	74.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0865	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4)	529.34	74.81
28 46 21 33-0866	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4)	575.29	74.81
28 46 21 33-0867	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4)	289.85	9.98
28 46 21 33-0868	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4)	434.54	9.98
28 46 21 33-0869	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4)	477.10	9.98
28 46 21 33-0870	EA	6.0 Amps, 120 VAC Remote Charger Power Supply. Includes Main Printed Circuit Board, Transformers And Installation Instructions (Johnson Controls, Inc. #FCPS-24S6)	792.60	99.76
28 46 21 33-0871	EA	8.0 Amps, 120 VAC Remote Charger Power Supply. Includes Main Printed Circuit Board, Transformers And Installation Instructions (Johnson Controls, Inc. #FCPS-24S8)	797.58	99.76
28 46 21 33-0872	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G)	747.04	74.81
28 46 21 33-0873	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS)	137.28	12.47
28 46 21 33-0874	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R)	383.80	24.94
28 46 21 33-0875	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980)	214.62	37.41
28 46 21 33-0876	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996)	178.41	37.41
28 46 21 33-0877	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998)	186.65	37.41
28 46 21 33-0878	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200)	1,388.18	49.87
28 46 21 33-0879	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S)	1,690.41	49.87
28 46 21 33-0880	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J)	515.46	24.94
28 46 21 33-0881	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amp Power Supply, 120 VAC, Includes Door, Dress Panel And Back Box, Black (Johnson Controls, Inc. #IFC-320)	3,618.86	399.00
28 46 21 33-0882	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG)	1,705.08	49.87
28 46 21 33-0883	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI)	22,817.97	598.51
28 46 21 33-0884	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F)	24,860.36	598.51
28 46 21 33-0885	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP)	27,923.95	598.51
28 46 21 33-0886	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W)	24,860.36	598.51
28 46 21 33-0887	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B)	170.86	14.96
28 46 21 33-0888	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB)	191.28	14.96
28 46 21 33-0889	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B)	207.62	14.96
28 46 21 33-0890	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B)	381.23	14.96
28 46 21 33-0891	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB)	126.15	9.98
28 46 21 33-0892	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black. (Johnson Controls, Inc. #JABS-2D)	200.44	22.44
28 46 21 33-0893	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red. (Johnson Controls, Inc. #JABS-2DR)	212.15	22.44
28 46 21 33-0894	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Backbox, Black. (Johnson Controls, Inc. #JABS-4D)	379.83	22.44
28 46 21 33-0895	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4)	372.27	9.98
28 46 21 33-0896	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4)	499.92	9.98
28 46 21 33-0897	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4)	617.36	9.98
28 46 21 33-0898	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX)	185.35	24.94
28 46 21 33-0899	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4)	85.63	9.98
28 46 21 33-0900	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D)	3,611.13	399.00
28 46 21 33-0901	EA	Central Processing Unit For The JCPU2-640 With Integral 120 VAC Power Supply, Includes CHS2-M2 Chassis (Johnson Controls, Inc. #JCPU2-640)	2,612.93	299.26
28 46 21 33-0902	EA	Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D)	4,624.98	399.00
28 46 21 33-0903	EA	Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640)	4,397.44	299.26
28 46 21 33-0904	EA	Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E)	3,213.06	299.26
28 46 21 33-0905	EA	Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM)	1,691.68	37.41
28 46 21 33-0906	EA	Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF)	1,708.72	37.41
28 46 21 33-0907	EA	Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF)	1,708.72	37.41
28 46 21 33-0908	EA	Annunciator, Network Control. (Johnson Controls, Inc. #JNCA)	2,025.24	49.87
28 46 21 33-0909	EA	Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. Mounting Options Include: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D). (Johnson Controls, Inc. #JNCA-2)	1,720.40	49.87
28 46 21 33-0910	EA	Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP)	1,619.71	299.26
28 46 21 33-0911	EA	160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160)	1,229.84	49.87
28 46 21 33-0912	EA	80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80)	1,016.37	49.87
28 46 21 33-0913	EA	Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320)	1,619.70	49.87
28 46 21 33-0914	EA	Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32)	499.79	12.47
28 46 21 33-0915	EA	Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24)	163.93	9.98
28 46 21 33-0916	EA	Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48)	200.69	9.98
28 46 21 33-0917	EA	Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32)	403.82	12.47
28 46 21 33-0918	EA	Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32)	735.70	12.47
28 46 21 33-0919	EA	Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320)	1,327.75	12.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0920	EA	Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ)	110.10	12.47
28 46 21 33-0921	EA	Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ)	171.57	12.47
28 46 21 33-0922	EA	Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ)	87.82	12.47
28 46 21 33-0923	EA	Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ)	120.62	12.47
28 46 21 33-0924	EA	Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devises. (Johnson Controls, Inc. #M301MJ)	96.43	12.47
28 46 21 33-0925	EA	Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ)	153.15	12.47
28 46 21 33-0926	EA	Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ)	173.75	12.47
28 46 21 33-0927	EA	SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ)	100.82	12.47
28 46 21 33-0928	EA	Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W)	1,414.62	37.41
28 46 21 33-0929	EA	Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F)	1,253.85	24.94
28 46 21 33-0930	EA	Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W)	1,159.91	24.94
28 46 21 33-0931	EA	Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO)	45.72	4.99
28 46 21 33-0932	EA	Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-F)	1,016.34	24.94
28 46 21 33-0933	EA	Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-W)	968.41	24.94
28 46 21 33-0934	EA	NFV-25/50. (Johnson Controls, Inc. #NFV-25/50)	2,465.20	49.87
28 46 21 33-0935	EA	NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U)	690.58	24.94
28 46 21 33-0936	EA	Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S)	190.48	9.98
28 46 21 33-0937	EA	Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1)	441.00	24.94
28 46 21 33-0938	EA	Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA)	441.00	24.94
28 46 21 33-0939	EA	Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1)	120.04	9.98
28 46 21 33-0940	EA	SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB)	33.07	4.99
28 46 21 33-0941	EA	SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC)	33.07	4.99
28 46 21 33-0942	EA	Strobe, Standard, 12/24 VDC, Red (Johnson Controls, Inc. #SCR)	136.09	37.41
28 46 21 33-0943	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SCRH)	150.38	37.41
28 46 21 33-0944	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK)	176.70	42.40
28 46 21 33-0945	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK)	174.65	42.40
28 46 21 33-0946	EA	Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8)	1,076.71	99.76
28 46 21 33-0947	EA	Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L)	852.04	99.76
28 46 21 33-0948	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SCW)	136.09	37.41
28 46 21 33-0949	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SCWH)	150.38	37.41
28 46 21 33-0950	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SCW-P)	136.09	37.41
28 46 21 33-0951	EA	Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500)	26.43	9.98
28 46 21 33-0952	EA	SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON)	26.37	4.99
28 46 21 33-0953	EA	SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP)	29.65	4.99
28 46 21 33-0954	EA	SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS)	26.40	4.99
28 46 21 33-0955	EA	Strobe, Standard, 12/24 VDC, Red (Johnson Controls, Inc. #SR)	126.24	37.41
28 46 21 33-0956	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SRH)	150.38	37.41
28 46 21 33-0957	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK)	176.70	42.40
28 46 21 33-0958	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SRH-P)	150.38	37.41
28 46 21 33-0959	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK)	174.65	42.40
28 46 21 33-0960	EA	Strobe, Standard, 12/24 VDC, Red (Johnson Controls, Inc. #SR-P)	136.09	37.41
28 46 21 33-0961	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SW)	136.09	37.41
28 46 21 33-0962	EA	Strobe, HI, 12/24 VDC, White (Johnson Controls, Inc. #SWH)	150.38	37.41
28 46 21 33-0963	EA	Strobe, HI, 12/24 VDC, White (Johnson Controls, Inc. #SWH-P)	150.38	37.41
28 46 21 33-0964	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SW-P)	136.09	37.41
28 46 21 33-0965	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1)	166.88	12.47
28 46 21 33-0966	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT)	733.65	49.87
28 46 21 33-0967	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW)	198.72	49.87
28 46 21 33-0968	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW)	86.93	24.94
28 46 21 33-0969	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV)	86.93	24.94
28 46 21 33-0970	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR)	148.83	24.94
28 46 21 33-0971	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH)	160.67	24.94
28 46 21 33-0972	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRVH)	160.67	24.94
28 46 21 33-0973	EA	Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV)	144.12	24.94
28 46 21 33-0974	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK)	191.53	24.94
28 46 21 33-0975	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW)	148.83	24.94
28 46 21 33-0976	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW)	86.93	24.94
28 46 21 33-0977	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR)	86.93	24.94
28 46 21 33-0978	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH)	160.67	24.94
28 46 21 33-0979	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR)	148.83	24.94
28 46 21 33-0980	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV)	148.83	24.94

28 46 21 33-0981 Honeywell Fire Alarm *(28 46 21 17)*

28 46 21 33-0982 Notifier Fire Alarm *(28 46 21 33-0981)*

28 46 21 33-0983 Fire Alarm Control Panel And Accessories *(28 46 21 33-0982)*

28 46 21 33-0984	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D)	3,973.01	498.76
28 46 21 33-0985	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640)	3,399.63	498.76
28 46 21 33-0986	EA	Black, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320)	3,966.27	498.76
28 46 21 33-0987	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C)	4,528.07	498.76
28 46 21 33-0988	EA	Black, 240 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E)	4,418.42	498.76
28 46 21 33-0989	EA	Red, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R)	4,418.42	498.76
28 46 21 33-0990	EA	Two-Tone Sequential Module (Notifier 2TTM)	224.94	24.94
28 46 21 33-0991	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C)	67.11	4.99
28 46 21 33-0992	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC)	130.52	9.98
28 46 21 33-0993	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC)	198.55	14.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-0994	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P)	309.60	
28 46 21 33-0995	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119)	44.23	
28 46 21 33-0996	EA	120VAC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	4,329.04	498.76
28 46 21 33-0997	EA	240VAC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE)	4,329.04	498.76
28 46 21 33-0998	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB)	167.55	4.99
28 46 21 33-0999	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER)	51.44	4.99
28 46 21 33-1000	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT)	66.02	9.98
28 46 21 33-1001	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT)	74.70	12.47
28 46 21 33-1002	EA	IP Communicator (Notifier IPDACT-2)	562.19	24.94
28 46 21 33-1003	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD)	654.33	24.94
28 46 21 33-1004	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC) Note: Includes IPBRKT.	152.15	24.94
28 46 21 33-1005	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B) Note: Includes IPBRKT	152.15	24.94
28 46 21 33-1006	EA	Single Or Dual Path Commercial Fire Communicator (Notifier IPGSM-4G)	784.32	37.41
28 46 21 33-1007	EA	Dual 8TPC To Single 8TPC “Y” Splitter With Two 9” Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT)	40.22	9.98
28 46 21 33-1008	EA	Loop Control Module (Notifier LCM-320)	1,230.79	49.87
28 46 21 33-1009	EA	Loop Expander Module (Notifier LEM-320)	1,070.39	49.87
28 46 21 33-1010	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	942.22	49.87
28 46 21 33-1011	EA	7' DACT Phone Cord (Notifier MCBL-7)	19.19	
28 46 21 33-1012	EA	Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1)	141.04	12.47
28 46 21 33-1013	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R)	165.97	24.94
28 46 21 33-1014	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B)	165.97	24.94
28 46 21 33-1015	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2)	625.77	24.94
28 46 21 33-1016	EA	Universal Zone Coder (Notifier UZC-256)	842.31	24.94
28 46 21 33-1017	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI) Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.	255.08	
28 46 21 33-1018	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD)	582.82	
28 46 21 33-1019	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD)	391.16	
28 46 21 33-1020	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS)	3,923.01	14.96

28 46 21 33-1021 ONYX Cabinets *(28 46 21 33-0982)*

28 46 21 33-1022	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	363.11	12.47
28 46 21 33-1023	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	484.74	12.47
28 46 21 33-1024	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	597.15	12.47
28 46 21 33-1025	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	91.67	14.96
28 46 21 33-1026	EA	Chassis Bridge (Notifier CB-1)	80.23	12.47
28 46 21 33-1027	EA	Four Position Chassis (Notifier CHS-4)	134.59	12.47
28 46 21 33-1028	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	138.31	24.94
28 46 21 33-1029	EA	Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	72.78	14.96
28 46 21 33-1030	EA	Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	99.96	14.96
28 46 21 33-1031	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	241.75	24.94
28 46 21 33-1032	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	160.05	24.94
28 46 21 33-1033	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	310.16	37.41
28 46 21 33-1034	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	201.48	37.41
28 46 21 33-1035	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	458.78	49.87
28 46 21 33-1036	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	293.14	49.87
28 46 21 33-1037	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	557.91	62.35
28 46 21 33-1038	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	343.55	62.35
28 46 21 33-1039	EA	Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	204.62	12.47
28 46 21 33-1040	EA	Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B)	137.36	12.47
28 46 21 33-1041	EA	Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	129.06	12.47
28 46 21 33-1042	EA	Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	205.54	12.47
28 46 21 33-1043	EA	Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	160.39	12.47
28 46 21 33-1044	EA	Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	260.83	12.47
28 46 21 33-1045	EA	Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	180.66	12.47
28 46 21 33-1046	EA	Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	314.27	12.47
28 46 21 33-1047	EA	Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	262.67	12.47
28 46 21 33-1048	EA	Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	466.31	12.47
28 46 21 33-1049	EA	Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	294.00	12.47
28 46 21 33-1050	EA	Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	557.53	12.47
28 46 21 33-1051	EA	Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4)	281.15	24.94
28 46 21 33-1052	EA	Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4)	408.31	24.94
28 46 21 33-1053	EA	Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4)	481.10	24.94
28 46 21 33-1054	EA	Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	301.42	24.94
28 46 21 33-1055	EA	Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	436.87	24.94
28 46 21 33-1056	EA	Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	507.83	24.94
28 46 21 33-1057	EA	Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R)	281.15	24.94
28 46 21 33-1058	EA	Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R)	408.31	24.94
28 46 21 33-1059	EA	Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R)	481.10	24.94
28 46 21 33-1060	EA	Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R)	301.42	24.94
28 46 21 33-1061	EA	Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	436.87	24.94
28 46 21 33-1062	EA	Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	507.83	24.94
28 46 21 33-1063	EA	Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	2,608.86	124.69
28 46 21 33-1064	EA	CAB-4 Series Mounting Kit (Notifier P40-KITB) Note: Includes chassis, hinged dress plate, and mounting hardware.	257.19	24.94
28 46 21 33-1065	EA	Black, One Tier Backbox Assembly (Notifier SBB-A4)	277.05	74.81
28 46 21 33-1066	EA	Black, Two Tier Backbox Assembly (Notifier SBB-B4)	387.63	99.76
28 46 21 33-1067	EA	Black, Three Tier Backbox Assembly (Notifier SBB-C4)	488.81	99.76
28 46 21 33-1068	EA	Black, Four Tier Backbox Assembly (Notifier SBB-D4)	597.16	124.69
28 46 21 33-1069	EA	Black, Mini, One Tier, Backbox (Notifier SBB-AA4)	165.97	24.94
28 46 21 33-1070	EA	Red, Mini, One Tier, Backbox (Notifier SBB-AA4R)	165.97	24.94
28 46 21 33-1071	EA	Red, One Tier Backbox Assembly (Notifier SBB-A4R)	206.51	24.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1072	EA	Red, Two Tier Backbox Assembly (Notifier SBB-B4R)	281.15	24.94
28 46 21 33-1073	EA	Red, Three Tier Backbox Assembly (Notifier SBB-C4R)	405.55	24.94
28 46 21 33-1074	EA	Red, Four Tier Backbox Assembly (Notifier SBB-D4R)	477.42	24.94
28 46 21 33-1075	EA	Trim Ring For NFS-320 Cabinet (Notifier TR-320)	151.56	14.96
28 46 21 33-1076	EA	Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R)	151.56	14.96
28 46 21 33-1077	EA	Black, “AA” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4)	197.63	14.96
28 46 21 33-1078	EA	Black, “A” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4)	161.70	14.96
28 46 21 33-1079	EA	Black, “B” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4)	161.70	14.96
28 46 21 33-1080	EA	Black, “C” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4)	159.85	14.96
28 46 21 33-1081	EA	Black, “D” Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4)	163.54	14.96
28 46 21 33-1082	EA	2” Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B)	67.25	14.96
28 46 21 33-1083	EA	Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2)	42.69	4.99

28 46 21 33-1084 NFS2-3030/640 Cabinet Mechanicals *(28 46 21 33-0982)*

28 46 21 33-1085	EA	Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	84.65	14.96
28 46 21 33-1086	EA	Blank Module Dress Plate (Notifier BM-1B)	71.90	14.96
28 46 21 33-1087	EA	Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4)	80.15	14.96
28 46 21 33-1088	EA	Four Position Expansion Chassis (Notifier CHS-4MB)	199.09	12.47
28 46 21 33-1089	EA	Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3)	182.74	37.41
28 46 21 33-1090	EA	Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2)	87.64	14.96

28 46 21 33-1091 NFS-3030/640 Cabinet Mechanicals *(28 46 21 33-0982)*

28 46 21 33-1092	EA	Annunciator Dress Plate (Notifier ADP-4B)	80.90	14.96
28 46 21 33-1093	EA	Blank Module Dress Plate (Notifier BMP-1)	54.66	14.96
28 46 21 33-1094	EA	Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	116.95	24.94
28 46 21 33-1095	EA	Module Dress Plate (Notifier MP-1B)	81.65	14.96

28 46 21 33-1096 Battery Cabinets *(28 46 21 33-0982)*

28 46 21 33-1097	EA	Six Position Chassis (Notifier CHS-6)	81.57	24.94
28 46 21 33-1098	EA	Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB)	369.99	74.81

28 46 21 33-1099 Digital Voice *(28 46 21 33-0982)*

28 46 21 33-1100	EA	Chassis Used With BB-XP (Notifier 18439)	43.83	12.47
28 46 21 33-1101	EA	220 VAC, 100 Watts, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E)	1,709.44	37.41
28 46 21 33-1102	EA	220 VAC, 120 Watts, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E)	1,661.53	37.41
28 46 21 33-1103	EA	220 VAC, 30 Watts, 25 VRMS Audio Amplifier (Notifier AA-30E)	801.83	37.41
28 46 21 33-1104	EA	Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	349.88	37.41
28 46 21 33-1105	EA	Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	473.77	49.87
28 46 21 33-1106	EA	Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	590.14	62.35
28 46 21 33-1107	EA	Multimode Audio Fiber Link Receiver (Notifier AFL-RM)	704.09	24.94
28 46 21 33-1108	EA	Single Mode Audio Fiber Link Receiver (Notifier AFL-RS)	1,552.74	24.94
28 46 21 33-1109	EA	Multimode Audio Fiber Link Transmitter (Notifier AFL-TM)	704.09	24.94
28 46 21 33-1110	EA	Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS)	1,552.74	24.94
28 46 21 33-1111	EA	15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX)	88.98	12.47
28 46 21 33-1112	EA	Flush Mounted, Key Lock, Door (Notifier AFAWS-KR)	141.96	12.47
28 46 21 33-1113	EA	Surface Mounted, Key Lock, Door (Notifier AFAWS-KS)	144.27	12.47
28 46 21 33-1114	EA	Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR)	142.42	12.47
28 46 21 33-1115	EA	Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS)	144.27	12.47
28 46 21 33-1116	EA	Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA)	270.96	12.47
28 46 21 33-1117	EA	Coil Cord, Telephone Chassis (Notifier AFAWS-TELC)	220.75	12.47
28 46 21 33-1118	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B)	60.66	
28 46 21 33-1119	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V)	473.73	24.94
28 46 21 33-1120	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V)	473.73	24.94
28 46 21 33-1121	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2)	83.91	12.47
28 46 21 33-1122	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	103.84	24.94
28 46 21 33-1123	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	295.17	37.41
28 46 21 33-1124	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM)	171.50	24.94
28 46 21 33-1125	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR)	171.50	24.94
28 46 21 33-1126	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1)	194.48	12.47
28 46 21 33-1127	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1)	223.05	12.47
28 46 21 33-1128	EA	120 VAC, 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025)	1,127.68	24.94
28 46 21 33-1129	EA	Multi-Mode Fiber-Optic Media 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F)	1,107.67	24.94
28 46 21 33-1130	EA	Single-Mode Fiber-Optic Media 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF)	1,107.67	24.94
28 46 21 33-1131	EA	120 VAC, 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070)	1,163.66	24.94
28 46 21 33-1132	EA	Multi-Mode Fiber-Optic Media 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F)	1,203.83	24.94
28 46 21 33-1133	EA	120 VAC, 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525)	1,207.88	24.94
28 46 21 33-1134	EA	Single-Mode Fiber-Optic Media 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	1,444.24	24.94
28 46 21 33-1135	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	1,444.24	24.94
28 46 21 33-1136	EA	220-240 VAC, 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E)	1,374.90	24.94
28 46 21 33-1137	EA	220-240 VAC, 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E)	1,419.13	24.94
28 46 21 33-1138	EA	220-240 VAC, 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E)	1,473.49	24.94
28 46 21 33-1139	EA	120 VAC, 35 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525)	942.75	24.94
28 46 21 33-1140	EA	220-240 VAC, 35 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E)	942.75	24.94
28 46 21 33-1141	EA	120 VAC, 35 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570)	1,002.64	24.94
28 46 21 33-1142	EA	220-240 VAC, 35 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E)	1,002.64	24.94
28 46 21 33-1143	EA	120 VAC, 50 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025)	1,041.34	24.94
28 46 21 33-1144	EA	220-240 VAC, 50 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E)	1,041.34	24.94
28 46 21 33-1145	EA	120 VAC, 50 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070)	1,101.23	24.94
28 46 21 33-1146	EA	220-240 VAC, 50 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E)	1,101.23	24.94
28 46 21 33-1147	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT)	96.81	12.47
28 46 21 33-1148	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	77.15	14.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1149	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4)	87.64	14.96
28 46 21 33-1150	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B)	143.86	14.96
28 46 21 33-1151	EA	WPS Power Amplifier (Notifier DPA3204P)	556.66	24.94
28 46 21 33-1152	EA	WPS Power Amplifier (Notifier DPA4001P)	469.13	24.94
28 46 21 33-1153	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232)	980.52	24.94
28 46 21 33-1154	EA	120 VAC,125 Watts, 25 VRMS Digital Series Amplifier (Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V) (Notifier DS-AMP)	740.95	24.94
28 46 21 33-1155	EA	220-240 VAC, 125 Watts, 25 VRMS Digital Series Amplifier (Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V) (Notifier DS-AMPE)	740.95	24.94
28 46 21 33-1156	EA	Digital Series Distribution Board, Supports One To Four DS-Amp Or DS-AMPE (Notifier DS-DB)	1,247.74	24.94
28 46 21 33-1157	EA	125 Watts, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watts Amplifier With A DS-XF70V) (Notifier DS-BDA)	510.59	24.94
28 46 21 33-1158	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM)	261.80	24.94
28 46 21 33-1159	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM)	261.80	24.94
28 46 21 33-1160	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM)	261.80	24.94
28 46 21 33-1161	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watts, DS Series Transformer (Notifier DS-XF70V)	114.37	24.94
28 46 21 33-1162	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	211.02	24.94
28 46 21 33-1163	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	1,136.67	24.94
28 46 21 33-1164	EA	Keypad For Digital Voice Command (Notifier DVC-KD)	358.34	49.87
28 46 21 33-1165	EA	Replacement Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE)	196.11	
28 46 21 33-1166	EA	Fire Fighters Telephone Control With Master Handset (Notifier FFT-7)	1,427.78	49.87
28 46 21 33-1167	EA	Portable Fireman's Telephone Handset (Notifier FHS)	125.62	
28 46 21 33-1168	EA	Red, Fireman's Telephone Handset (Notifier FHS-F)	125.62	
28 46 21 33-1169	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R)	351.18	24.94
28 46 21 33-1170	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S)	351.18	24.94
28 46 21 33-1171	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ)	58.27	7.48
28 46 21 33-1172	EA	Paging Microphone Only (Notifier MIC-1)	148.06	24.94
28 46 21 33-1173	EA	Firefighter's Telephone Handset (Notifier TELH-1)	138.06	
28 46 21 33-1174	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1)	341.43	24.94
28 46 21 33-1175	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA)	341.43	24.94

28 46 21 33-1176 Amplifiers *(28 46 21 33-0982)*

28 46 21 33-1177	EA	30 Watt Audio Amplifier At 25 VRMS, 120 VAC (Notifier AA-30)	641.24	24.94
28 46 21 33-1178	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 VAC, Tone Generator (Notifier AA-100)	1,379.52	24.94
28 46 21 33-1179	EA	120 Watt Audio Amplifier At 25 VRMS, 120 VAC, Tone Generator (Notifier AA-120)	1,340.54	24.94
28 46 21 33-1180	EA	Audio Coupling Transformer (Notifier ACT-1)	112.08	24.94
28 46 21 33-1181	EA	Audio Coupling Transformer For Analog Amplifiers (Notifier ACT-2)	128.57	24.94
28 46 21 33-1182	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4)	128.57	24.94
28 46 21 33-1183	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25)	128.57	24.94
28 46 21 33-1184	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70)	128.57	24.94

28 46 21 33-1185 FireVoice-25/50 Emergency Voice Evacuation Control Panels *(28 46 21 33-0982)*

28 46 21 33-1186	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50)	3,214.07	498.76
28 46 21 33-1187	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA)	2,343.79	498.76
28 46 21 33-1188	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS)	2,968.86	498.76
28 46 21 33-1189	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS)	3,786.24	498.76
28 46 21 33-1190	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST)	4,161.28	498.76

28 46 21 33-1191 System Printer *(28 46 21 33-0982)*

28 46 21 33-1192	EA	80 Column, 120 VAC, Desktop Printer (Notifier PRN-6)	1,370.52	24.94

28 46 21 33-1193 Batteries *(28 46 21 33-0982)*

28 46 21 33-1194	EA	5 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-1250-BP)	470.05	24.94
28 46 21 33-1195	EA	7 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-1270-BP)	306.21	24.94
28 46 21 33-1196	EA	12 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12120-BP)	397.65	24.94
28 46 21 33-1197	EA	18 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12180-BP)	238.75	24.94
28 46 21 33-1198	EA	26 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12260-BP)	327.19	24.94
28 46 21 33-1199	EA	55 Amp Hour, 12 VDC, Sealed Battery (Notifier BAT-12550)	326.44	24.94
28 46 21 33-1200	EA	100 Amp Hour, 12 VDC, Sealed Battery (Notifier BAT-121000)	509.93	24.94

28 46 21 33-1201 Battery Backboxes And Miscellaneous Mechanicals *(28 46 21 33-0982)*

28 46 21 33-1202	EA	14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17)	121.91	19.95
28 46 21 33-1203	EA	24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25) Note: XP6 modules require a CHS-6.	186.41	19.95
28 46 21 33-1204	EA	15.6" x 15.5" x 5.152", Mounts Up To Two 26 Amp Hour And Charger, Battery Backbox (Notifier BB-26)	317.92	99.76
28 46 21 33-1205	EA	Holds Up To Two BAT-12120 12 Amp Hour Batteries, Battery Holder (Notifier CHS-BH)	165.18	49.87
28 46 21 33-1206	EA	Holds Up To Two BAT-12120 12 Amp Hour Batteries, Battery Holder (Notifier CHS-BH1)	73.78	12.47
28 46 21 33-1207	EA	Battery Bracket For Two 26 Amp Hour Batteries (Notifier SEISKIT-BB25)	204.84	19.95
28 46 21 33-1208	EA	Two 26 Amp Hour Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB)	159.69	19.95
28 46 21 33-1209	EA	Two 12 Amp Hour Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA)	176.27	19.95
28 46 21 33-1210	EA	Two 55 Amp Hour Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB)	191.02	19.95

28 46 21 33-1211 Power Supplies And Chargers *(28 46 21 33-0982)*

28 46 21 33-1212	EA	120 VAC, 6 Or 10 Amps, Addressable Charging Power Supply (Notifier ACPS-610)	1,180.54	37.41
28 46 21 33-1213	EA	220/240 VAC, 6 Or 10 Amps, Addressable Charging Power Supply (Notifier ACPS-610E)	1,180.54	37.41
28 46 21 33-1214	EA	Addressable Power Supply, 120 VAC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	971.03	24.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1215	EA	6A Auxiliary Power Supply (Notifier APS-6R)	600.89	24.94
28 46 21 33-1216	EA	10 Amp Battery Charger (Notifier BC10A)	747.46	37.41
28 46 21 33-1217	EA	33.34" x 22.5" x 7.5", Holds Four 55 Amp Hour Or Two 100 Amp Hour Batteries, For NFS-3030 Or NFS2-3030, Combination Power Supply And Battery Enclosure (Notifier BB-100)	441.33	29.93
28 46 21 33-1218	EA	33.34" x 22.5" x 7.5", Holds Four 55 Amp Hour Or Two 100 Amp Hour Batteries, For NFS-3030 Or NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-100R)	441.33	29.93
28 46 21 33-1219	EA	30.34" x 36.5" x 7.5", Holds Four 55 Amp Hour Or Four 100 Amp Hour Batteries, For NFS2-3030, Combination Power Supply And Battery Enclosure (Notifier BB-200)	632.06	29.93
28 46 21 33-1220	EA	30.34" x 36.5" x 7.5", Holds Four 55 Amp Hour Or Four 100 Amp Hour Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R)	632.06	29.93
28 46 21 33-1221	EA	15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1)	121.74	24.94
28 46 21 33-1222	EA	25 To 120 Amp Hour Battery Charger (Notifier CHG-120)	752.17	24.94
28 46 21 33-1223	EA	Mounts XPIQ-Ps And/Or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS)	69.17	12.47
28 46 21 33-1224	EA	Replacement Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1)	107.87	12.47
28 46 21 33-1225	EA	8.0 Amps, 120 VAC Remote Charger Power Supply (Notifier FCPS-24S8)	504.08	24.94
28 46 21 33-1226	EA	8.0 Amps, 240 VAC Remote Charger Power Supply (Notifier FCPS-24S8E)	708.02	74.81
28 46 21 33-1227	EA	Red, 8.0 Amps, 240 VAC Remote Charger Power Supply (Notifier FCPS-24S8R)	708.02	74.81
28 46 21 33-1228	EA	8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8)	806.62	74.81
28 46 21 33-1229	EA	8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8E)	806.62	74.81
28 46 21 33-1230	EA	Chassis Mounted, 8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8CM)	765.89	37.41
28 46 21 33-1231	EA	Chassis Mounted, 8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF8CME)	765.89	37.41
28 46 21 33-1232	EA	12 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12)	927.14	37.41
28 46 21 33-1233	EA	12 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12E)	927.14	37.41
28 46 21 33-1234	EA	Chassis Mounted, 12 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12CM)	962.16	74.81
28 46 21 33-1235	EA	Chassis Mounted, 12 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPFF12CME)	962.16	74.81
28 46 21 33-1236	EA	6 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S6)	675.77	74.81
28 46 21 33-1237	EA	6 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S6E)	675.77	74.81
28 46 21 33-1238	EA	8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S8)	728.29	74.81
28 46 21 33-1239	EA	8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S8E)	728.29	74.81
28 46 21 33-1240	EA	6 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA)	587.31	74.81
28 46 21 33-1241	EA	9 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA)	690.52	74.81
28 46 21 33-1242	EA	Class A Adapter HPFF8/HPFF12 (Notifier HPP31076)	140.12	12.47
28 46 21 33-1243	EA	Main Power Supply And Charger, Up To 3 Amps (Notifier MPS-24A)	867.26	24.94
28 46 21 33-1244	EA	Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4)	164.13	24.94

28 46 21 33-1245 Network Control Annunciators *(28 46 21 33-0982)*

28 46 21 33-1246	EA	Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	1,386.34	74.81
28 46 21 33-1247	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	60.66	14.96
28 46 21 33-1248	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	46.42	14.96

28 46 21 33-1249 FIRSTVISION Firefighter's Display *(28 46 21 33-0982)*

28 46 21 33-1250	EA	Replacement ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD)	10,989.27	498.76

28 46 21 33-1251 FlashScan Addressable Modules *(28 46 21 33-0982)*

28 46 21 33-1252	EA	Intelligent Addressable Control Module (Notifier FCM-1)	131.57	24.94
28 46 21 33-1253	EA	Addressable Dual Monitor Module (Notifier FDM-1)	145.06	24.94
28 46 21 33-1254	EA	Intelligent Addressable Monitor Module (Notifier FMM-1)	112.08	24.94
28 46 21 33-1255	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	101.59	24.94
28 46 21 33-1256	EA	Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20)	192.28	24.94
28 46 21 33-1257	EA	Intelligent Addressable Relay Module (Notifier FRM-1)	127.07	24.94
28 46 21 33-1258	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	161.55	24.94
28 46 21 33-1259	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	110.58	24.94

28 46 21 33-1260 Addressable Device Bases And Accessories *(28 46 21 33-0982)*

28 46 21 33-1261	EA	Intelligent Detector Base With Flange (Notifier B710LP)	43.21	12.47
28 46 21 33-1262	EA	Weatherproof Device Housing (Notifier DH400OE-1)	312.95	24.94

28 46 21 33-1263 XP6/XP10 Transponder *(28 46 21 33-0982)*

28 46 21 33-1264	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1)	101.21	24.94
28 46 21 33-1265	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	442.62	24.94
28 46 21 33-1266	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	532.56	24.94
28 46 21 33-1267	EA	Six Relay Control Module (Notifier XP6-R)	426.13	24.94
28 46 21 33-1268	EA	Ten Input Monitor Module (Notifier XP10-M)	510.08	24.94

28 46 21 33-1269 LCD Display Annunciators *(28 46 21 33-0982)*

28 46 21 33-1270	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	595.59	74.81
28 46 21 33-1271	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	816.70	74.81
28 46 21 33-1272	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160)	843.69	74.81
28 46 21 33-1273	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8)	652.49	24.94
28 46 21 33-1274	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L)	349.34	24.94
28 46 21 33-1275	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8)	845.99	24.94

28 46 21 33-1276 ONYX ACM And AEM Series LED Annunciators *(28 46 21 33-0982)*

28 46 21 33-1277	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R)	385.27	24.94
28 46 21 33-1278	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT)	581.28	24.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1279	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT)	448.61	24.94
28 46 21 33-1280	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT)	581.28	24.94
28 46 21 33-1281	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT)	448.61	24.94
28 46 21 33-1282	EA	32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A)	448.61	24.94
28 46 21 33-1283	EA	32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A)	403.64	24.94
28 46 21 33-1284	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	448.61	24.94
28 46 21 33-1285	EA	48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A)	403.64	24.94

28 46 21 33-1286 Graphic Annunciator - Lamp Driver Modules *(28 46 21 33-0982)*

28 46 21 33-1287	EA	Single Annunciator Flush Mounted Backbox (Notifier ABF-1B)	209.19	49.87
28 46 21 33-1288	EA	Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB)	224.93	49.87
28 46 21 33-1289	EA	Two Annunciator Flush Mounted Backbox (Notifier ABF-2B)	261.85	62.35
28 46 21 33-1290	EA	Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB)	282.09	62.35
28 46 21 33-1291	EA	Four Annunciator Flush Mounted Backbox (Notifier ABF-4B)	445.89	87.28
28 46 21 33-1292	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	79.02	14.96
28 46 21 33-1293	EA	Single Annunciator Surface Mounted Backbox (Notifier ABS-1B)	145.11	49.87
28 46 21 33-1294	EA	Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB)	125.38	12.47
28 46 21 33-1295	EA	Two Annunciator Surface Mounted Backbox (Notifier ABS-2B)	173.96	49.87
28 46 21 33-1296	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D)	292.58	62.35
28 46 21 33-1297	EA	Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR)	231.34	12.47
28 46 21 33-1298	EA	Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D)	466.12	87.28
28 46 21 33-1299	EA	Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR)	388.37	14.96
28 46 21 33-1300	EA	Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB)	153.24	19.95
28 46 21 33-1301	EA	Annunciator Key Switch (Notifier AKS-1B)	74.85	7.48
28 46 21 33-1302	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	81.72	24.94
28 46 21 33-1303	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	403.64	24.94
28 46 21 33-1304	EA	24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	141.75	4.99
28 46 21 33-1305	EA	48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	176.76	4.99
28 46 21 33-1306	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	335.44	24.94
28 46 21 33-1307	EA	Lamp Driver Module (Notifier LDM-R32)	693.96	24.94
28 46 21 33-1308	EA	Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	644.20	24.94
28 46 21 33-1309	EA	48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	179.52	4.99
28 46 21 33-1310	EA	Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D)	149.72	14.96
28 46 21 33-1311	EA	Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D)	93.51	14.96
28 46 21 33-1312	EA	Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	93.51	14.96

28 46 21 33-1313 Network Gateways *(28 46 21 33-0982)*

28 46 21 33-1314	EA	Common Alerting Protocol Gateway (Notifier CAP-GW)	2,583.83	24.94
28 46 21 33-1315	EA	PC Version, Receivers Gateway (Notifier DACR-GW)	2,021.75	24.94
28 46 21 33-1316	EA	Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	1,929.61	24.94
28 46 21 33-1317	EA	Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF)	2,159.97	24.94
28 46 21 33-1318	EA	Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	2,399.54	24.94
28 46 21 33-1319	EA	Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W)	1,837.46	24.94
28 46 21 33-1320	EA	Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF)	1,883.54	24.94
28 46 21 33-1321	EA	Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF)	2,118.50	24.94
28 46 21 33-1322	EA	Modbus Gateway (Notifier MODBUS-GW)	2,021.75	24.94
28 46 21 33-1323	EA	22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW)	2,461.57	16.46
28 46 21 33-1324	EA	Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS)	3,667.74	16.46
28 46 21 33-1325	EA	1920x1080P Wide Screen (Notifier MON-42LCDW)	11,629.90	16.46
28 46 21 33-1326	EA	Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD)	480.24	37.41
28 46 21 33-1327	EA	Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD)	871.86	37.41
28 46 21 33-1328	EA	Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD)	1,268.07	37.41
28 46 21 33-1329	EA	Mass Notification Voice Paging (Notifier NOTIFY-IP)	967.51	
28 46 21 33-1330	EA	Non UL Listed Applications, Mass Notification Voice Paging (Notifier NOTIFY-IP-NOUL)	967.51	
28 46 21 33-1331	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	1,653.84	24.94
28 46 21 33-1332	EA	NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	1,653.84	24.94
28 46 21 33-1333	EA	High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF)	2,943.19	24.94
28 46 21 33-1334	EA	High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF)	3,431.55	24.94
28 46 21 33-1335	EA	High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW)	2,943.19	24.94
28 46 21 33-1336	EA	NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	1,653.84	24.94
28 46 21 33-1337	EA	E-Mail Option For ONYXworks (Notifier ONYX-NOTIFY)	967.51	
28 46 21 33-1338	EA	Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER)	967.51	
28 46 21 33-1339	EA	ONYXWorks Workstation (Notifier ONYXWORKS-WS)	18,519.24	598.51
28 46 21 33-1340	EA	Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	3,885.26	
28 46 21 33-1341	EA	Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	3,885.26	
28 46 21 33-1342	EA	Fiber Optics, Standard Network Repeater Board (Notifier RPT-F)	899.44	24.94
28 46 21 33-1343	EA	Wire, Standard Network Repeater Board (Notifier RPT-W)	730.81	24.94
28 46 21 33-1344	EA	Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF)	875.48	24.94
28 46 21 33-1345	EA	Signaling Line Circuit Integration Module (Notifier SLC-IM)	966.70	24.94
28 46 21 33-1346	EA	VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW)	2,021.75	24.94
28 46 21 33-1347	EA	Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS)	1,671.60	24.94
28 46 21 33-1348	EA	Windows 7 Hard Drive Upgrade (Notifier WIN7-UG-US-3)	1,842.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1349		**NOTI-FIRE-NET Network Components** *(28 46 21 33-0982)*		
28 46 21 33-1350	EA	Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	1,653.84	24.94
28 46 21 33-1351	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	744.67	24.94
28 46 21 33-1352	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	1,653.84	24.94
28 46 21 33-1353	EA	Wired Network Communications Module (Notifier NCM-W)	710.20	24.94
28 46 21 33-1354	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	84.56	12.47
28 46 21 33-1355		**FireWarden Addressable Fire Panels** *(28 46 21 33-0982)*		
28 46 21 33-1356	EA	50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	1,713.30	498.76
28 46 21 33-1357	EA	Black, One SLC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	1,979.38	498.76
28 46 21 33-1358	EA	Black, One DC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	2,204.60	249.38
28 46 21 33-1359	EA	Black, One SLC Loop, 240 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	2,204.60	249.38
28 46 21 33-1360	EA	Red, One SLC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	2,204.60	249.38
28 46 21 33-1361		**FireWarden Accessories** *(28 46 21 33-0982)*		
28 46 21 33-1362	EA	Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	166.03	37.41
28 46 21 33-1363	EA	Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	165.11	37.41
28 46 21 33-1364		**FireWarden Devices** *(28 46 21 33-0982)*		
28 46 21 33-1365	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	109.83	24.94
28 46 21 33-1366	EA	Intelligent Addressable Control Module (Notifier NC-100)	127.82	24.94
28 46 21 33-1367	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	123.32	24.94
28 46 21 33-1368	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	295.02	37.41
28 46 21 33-1369	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	352.72	37.41
28 46 21 33-1370	EA	Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100)	123.32	24.94
28 46 21 33-1371	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	133.27	37.41
28 46 21 33-1372	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	133.27	37.41
28 46 21 33-1373	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	133.27	37.41
28 46 21 33-1374	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	172.25	37.41
28 46 21 33-1375	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	108.33	24.94
28 46 21 33-1376	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	99.71	24.94
28 46 21 33-1377	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	141.69	24.94
28 46 21 33-1378	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	138.52	37.41
28 46 21 33-1379	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	157.05	24.94
28 46 21 33-1380	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	520.57	24.94
28 46 21 33-1381		**SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories** *(28 46 21 33-0982)*		
28 46 21 33-1382	EA	120 VAC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,172.77	399.00
28 46 21 33-1383	EA	120 VAC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	1,269.46	399.00
28 46 21 33-1384	EA	240 VAC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFB-2402E)	959.48	124.69
28 46 21 33-1385	EA	240 VAC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFB-2404E)	1,078.35	124.69
28 46 21 33-1386	EA	Class A Converter Module (Notifier CAC-4)	316.17	24.94
28 46 21 33-1387	EA	Optional Internal Dress Panel For SFB-2402 And SFB-2404 Only (Notifier DP-3-B)	107.33	14.96
28 46 21 33-1388	EA	Internal Dress Plate, Required For FM And ULC (Notifier DP-4X)	109.17	14.96
28 46 21 33-1389	EA	Remote Zone Annunciator (Notifier RZA-4X)	161.43	37.41
28 46 21 33-1390		**SFP-5UD 5 Zone Control Panels And Accessories** *(28 46 21 33-0982)*		
28 46 21 33-1391	EA	120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	1,743.28	498.76
28 46 21 33-1392	EA	120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC)	2,896.86	374.07
28 46 21 33-1393	EA	240 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE)	1,914.34	249.38
28 46 21 33-1394	EA	Red, 120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR)	1,914.34	249.38
28 46 21 33-1395	EA	Class A Converter Module (Notifier N-CAC-5X)	316.17	24.94
28 46 21 33-1396	EA	Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE)	126.68	14.96
28 46 21 33-1397		**SFP-10UD 10 Zone Control Panels And Accessories** *(28 46 21 33-0982)*		
28 46 21 33-1398	EA	120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC)	3,575.30	498.76
28 46 21 33-1399	EA	240 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE)	2,674.79	374.07
28 46 21 33-1400	EA	120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD)	1,953.15	498.76
28 46 21 33-1401	EA	Red, 120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR)	3,173.55	498.76
28 46 21 33-1402	EA	Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC)	470.42	74.81
28 46 21 33-1403		**Smoke Detectors** *(28 46 21 33-0982)*		
28 46 21 33-1404	EA	Intelligent Addressable Beam Smoke Detector (Notifier FSB-200)	1,343.70	49.87
28 46 21 33-1405	EA	Intelligent Addressable Beam Smoke Detector With Remote Test Feature (Notifier FSB-200S)	1,527.99	49.87
28 46 21 33-1406	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851)	182.74	37.41
28 46 21 33-1407	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751)	292.17	37.41
28 46 21 33-1408	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D)	844.12	37.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1409	EA	Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851)	152.01	37.41
28 46 21 33-1410	EA	Remote Test Capable, Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851R)	172.48	37.41
28 46 21 33-1411	EA	Intelligent Addressable Thermal Detector (Notifier FST-851)	129.53	37.41
28 46 21 33-1412	EA	Intelligent Addressable High Temperature Thermal Detector (Notifier FST-851H)	129.53	37.41
28 46 21 33-1413	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector (Notifier FST-851R)	129.53	37.41
28 46 21 33-1414	EA	Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R) Note: For use with DNR(W) duct detector housing.	155.90	37.41
28 46 21 33-1415	EA	Filters For Harsh Detector (Notifier RF-FTX)	18.89	
28 46 21 33-1416	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY)	111.89	24.94

28 46 21 33-1417 Pull Stations *(28 46 21 33-0982)*

28 46 21 33-1418	EA	Trim Ring For NBG12 Series Pull Station (Notifier BG12TR)	26.57	4.99
28 46 21 33-1419	EA	One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2)	58.11	12.47
28 46 21 33-1420	EA	Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R)	58.11	12.47
28 46 21 33-1421	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1)	81.66	24.94
28 46 21 33-1422	EA	DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F)	88.57	24.94
28 46 21 33-1423	EA	Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS)	115.75	24.94
28 46 21 33-1424	EA	Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R)	81.66	24.94
28 46 21 33-1425	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS)	91.80	24.94
28 46 21 33-1426	EA	Standard "Local" Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL)	91.80	24.94
28 46 21 33-1427	EA	Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR)	91.80	24.94
28 46 21 33-1428	EA	Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1)	87.65	24.94
28 46 21 33-1429	EA	Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R)	93.64	24.94
28 46 21 33-1430	EA	Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL)	635.75	29.93
28 46 21 33-1431	EA	Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S)	74.87	24.94
28 46 21 33-1432	EA	Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12)	94.87	24.94
28 46 21 33-1433	EA	Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L)	80.79	24.94
28 46 21 33-1434	EA	Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB)	168.53	29.93
28 46 21 33-1435	EA	Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS)	116.21	24.94
28 46 21 33-1436	EA	Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR)	102.85	24.94
28 46 21 33-1437	EA	Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX)	142.44	24.94
28 46 21 33-1438	EA	Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE)	40.39	4.99

28 46 21 33-1439 Rate Compensation Heat Detectors *(28 46 21 33-0982)*

28 46 21 33-1440	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135)	140.77	37.41
28 46 21 33-1441	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194)	140.77	37.41

28 46 21 33-1442 FM Series Door Releases *(28 46 21 33-0982)*

28 46 21 33-1443	EA	1/2" Door Holder Spacer (Notifier FM900-50)	23.95	7.48
28 46 21 33-1444	EA	3/4" Door Holder Spacer (Notifier FM900-75)	23.95	7.48
28 46 21 33-1445	EA	1" Door Holder Spacer (Notifier FM900-100)	23.95	7.48
28 46 21 33-1446	EA	Door Holder Extension Kit (Notifier FM900)	25.08	7.48
28 46 21 33-1447	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z)	25.45	7.48
28 46 21 33-1448	EA	Floor Mounted, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM980)	165.50	37.41
28 46 21 33-1449	EA	Surface Mounted, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM996)	146.76	37.41
28 46 21 33-1450	EA	Recessed Mounted, Concealed Wiring, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM998)	146.76	37.41

28 46 21 33-1451 Multicriteria Fire Detector *(28 46 21 33-0982)*

28 46 21 33-1452	EA	Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	277.53	37.41
28 46 21 33-1453	EA	Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851) Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	257.26	37.41
28 46 21 33-1454	EA	Low Profile Intelligent Addressable Photoelectric Smoke Detector With Built-In 135°F Fixed Temperature Thermal Device (Notifier FSP-851T)	170.64	37.41

28 46 21 33-1455 Modules *(28 46 21 33-0982)*

28 46 21 33-1456	EA	Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1)	310.64	24.94
28 46 21 33-1457	EA	Addressable Firephone Control Module (Notifier FTM-1)	186.24	24.94

28 46 21 33-1458 DH Series Door Releases *(28 46 21 33-0982)*

28 46 21 33-1459	EA	Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC)	161.43	37.41
28 46 21 33-1460	EA	Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB)	171.01	37.41
28 46 21 33-1461	EA	Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD)	180.78	37.41
28 46 21 33-1462	EA	Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC)	178.01	37.41
28 46 21 33-1463	EA	Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB)	186.30	37.41
28 46 21 33-1464	EA	Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD)	192.75	37.41
28 46 21 33-1465	EA	Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC)	161.43	37.41
28 46 21 33-1466	EA	Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB)	170.64	37.41
28 46 21 33-1467	EA	Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD)	180.78	37.41
28 46 21 33-1468	EA	Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1)	202.89	37.41
28 46 21 33-1469	EA	Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1)	215.79	37.41
28 46 21 33-1470	EA	Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1)	230.53	37.41
28 46 21 33-1471	EA	Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2)	234.22	37.41
28 46 21 33-1472	EA	Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2)	248.96	37.41
28 46 21 33-1473	EA	Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2)	267.39	37.41
28 46 21 33-1474	EA	.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC)	18.83	4.99

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1475	EA	.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B)	18.83	4.99
28 46 21 33-1476	EA	.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D)	20.30	4.99
28 46 21 33-1477	EA	1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC)	18.83	4.99
28 46 21 33-1478	EA	1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B)	18.83	4.99
28 46 21 33-1479	EA	1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D)	20.30	4.99
28 46 21 33-1480	EA	1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC)	19.93	4.99
28 46 21 33-1481	EA	1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC)	19.93	4.99
28 46 21 33-1482	EA	1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B)	20.30	4.99
28 46 21 33-1483	EA	1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D)	21.41	4.99
28 46 21 33-1484	EA	2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC)	21.41	4.99
28 46 21 33-1485	EA	2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC)	21.41	4.99
28 46 21 33-1486	EA	2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B)	21.96	4.99
28 46 21 33-1487	EA	2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D)	22.33	4.99
28 46 21 33-1488	EA	3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC)	22.33	4.99
28 46 21 33-1489	EA	3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B)	23.43	4.99
28 46 21 33-1490	EA	3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D)	23.43	4.99
28 46 21 33-1491	EA	4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC)	23.80	4.99
28 46 21 33-1492	EA	4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC)	23.80	4.99
28 46 21 33-1493	EA	4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB)	24.72	4.99
28 46 21 33-1494	EA	4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD)	27.49	4.99
28 46 21 33-1495	EA	5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC)	24.72	4.99
28 46 21 33-1496	EA	5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B)	25.83	4.99
28 46 21 33-1497	EA	5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D)	27.49	4.99
28 46 21 33-1498	EA	Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC)	26.57	7.48
28 46 21 33-1499	EA	Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB)	27.31	7.48
28 46 21 33-1500	EA	Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD)	29.70	7.48
28 46 21 33-1501	EA	Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC)	46.84	7.48
28 46 21 33-1502	EA	Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB)	49.79	7.48
28 46 21 33-1503	EA	Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD)	52.74	7.48
28 46 21 33-1504	EA	Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC)	44.84	12.47
28 46 21 33-1505	EA	Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB)	47.05	12.47
28 46 21 33-1506	EA	Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD)	50.19	12.47
28 46 21 33-1507	EA	Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF)	248.79	
28 46 21 33-1508	EA	Two Piece Extension Wrench (Notifier DHW)	2.76	

28 46 21 33-1509 First Command *(28 46 21 33-0982)*

28 46 21 33-1510	EA	Black, 120 VAC, 50 Watts, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100)	5,083.97	623.45
28 46 21 33-1511	EA	Black, 220-240 VAC, 50 Watts, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E)	5,083.97	623.45
28 46 21 33-1512	EA	Black, 120 VAC, 50 Watts, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA)	1,347.61	49.87
28 46 21 33-1513	EA	Black, 220-240 VAC, 50 Watts, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE)	1,347.61	49.87
28 46 21 33-1514	EA	Black, 120 VAC, 125 Watts, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA)	2,445.97	49.87
28 46 21 33-1515	EA	Black, , 220-240 VAC, 125 Watts, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE)	2,445.97	49.87
28 46 21 33-1516	EA	50 Watts, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt)	533.63	24.94
28 46 21 33-1517	EA	50 Watts, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt)	533.63	24.94
28 46 21 33-1518	EA	Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4)	364.08	24.94
28 46 21 33-1519	EA	Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6)	510.59	24.94
28 46 21 33-1520	EA	Standalone Firefighter Telephone System (Notifier NFC-FFT) Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.	1,816.63	49.87
28 46 21 33-1521	EA	Local Operator Console (Notifier NFC-LOC) Note: Includes built-in microphone, message and zone control switches, black.	1,757.66	49.87
28 46 21 33-1522	EA	Black, Remote Microphone (Notifier NFC-RM)	502.03	
28 46 21 33-1523	EA	Remote Page Unit (Notifier NFC-RPU) Note: Includes built-in microphone, message control switches, black.	1,489.52	49.87
28 46 21 33-1524	EA	Remote Telephone Zone Module (Notifier NFC-RTZM)	672.76	24.94
28 46 21 33-1525	EA	70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V)	277.47	24.94
28 46 21 33-1526	EA	Firefighters Phone Jack (Notifier N-FPJ)	127.38	7.48
28 46 21 33-1527	EA	Thumblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH)	37.07	7.48
28 46 21 33-1528	EA	Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B)	111.94	14.96

28 46 21 33-1529 LED Displays *(28 46 21 33-0982)*

28 46 21 33-1530	EA	2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215)	1,211.65	29.93
28 46 21 33-1531	EA	Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW)	2,051.68	39.90
28 46 21 33-1532	EA	4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT)	2,106.97	39.90
28 46 21 33-1533	EA	8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8)	1,415.89	39.90
28 46 21 33-1534	EA	16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16)	2,153.04	39.90
28 46 21 33-1535	EA	LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V)	2,106.97	39.90

28 46 21 33-1536 Control Relays *(28 46 21 33-0982)*

28 46 21 33-1537	EA	Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR)	56.27	12.47
28 46 21 33-1538	EA	Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T)	45.21	12.47
28 46 21 33-1539	EA	Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR)	145.70	24.94
28 46 21 33-1540	EA	Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T)	89.44	12.47
28 46 21 33-1541	EA	Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T)	106.03	12.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1542	EA	24 VDC, 30 Amp Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C)	130.96	24.94
28 46 21 33-1543	EA	120 VAC, 30 Amp Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C)	130.96	24.94
28 46 21 33-1544	EA	Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR)	84.88	24.94
28 46 21 33-1545	EA	Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T)	48.44	12.47
28 46 21 33-1546	EA	Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR)	165.05	24.94
28 46 21 33-1547	EA	24 VDC/24 VAC/115 VAC, 10 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-1)	64.61	24.94
28 46 21 33-1548	EA	12/24 VDC, 7 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-2)	64.61	24.94
28 46 21 33-1549	EA	9 To 40 VDC, 10 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-4)	64.61	24.94

28 46 21 33-1550 Gamewell-FCI Fire Control Instruments *(28 46 21 33-0982)*

28 46 21 33-1551 7100 Series And NetSOLO® *(28 46 21 33-1550)*

28 46 21 33-1552 7100 Compact Analog Addressable Fire Alarm Control Panels *(28 46 21 33-1551)*

28 46 21 33-1553	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	826.63	299.26
28 46 21 33-1554	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	3,393.67	498.76
28 46 21 33-1555	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D)	3,659.19	498.76
28 46 21 33-1556	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 VAC (Gamewell-FCI BK-7100-2-E)	3,393.67	498.76
28 46 21 33-1557	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 VAC (Gamewell-FCI BK-7100-2D-E)	3,659.19	498.76
28 46 21 33-1558	EA	Replacement Board For 7100-1D (Gamewell-FCI BSM-7100-1)	917.82	49.87
28 46 21 33-1559	EA	Replacement Board For 7100-2 (Gamewell-FCI BSM-7100-1D)	1,095.45	49.87
28 46 21 33-1560	EA	Analog Loop Unit (Gamewell-FCI ALU)	1,095.45	49.87

28 46 21 33-1561 NetSOLO® Intelligent Network *(28 46 21 33-1551)*

28 46 21 33-1562	EA	Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	1,212.31	49.87
28 46 21 33-1563	EA	Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	968.30	49.87

28 46 21 33-1564 Components And Accessories *(28 46 21 33-1551)*

28 46 21 33-1565	EA	Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100)	603.97	37.41
28 46 21 33-1566	EA	Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100)	469.99	49.87
28 46 21 33-1567	EA	Fiber Optic Line Driver Module (Gamewell-FCI FLD-1)	841.15	49.87
28 46 21 33-1568	EA	Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM)	354.06	49.87
28 46 21 33-1569	EA	Replacement Enclosure Box (Gamewell-FCI EN-7100)	318.23	99.76
28 46 21 33-1570	EA	Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2)	865.12	24.94

28 46 21 33-1571 E3 Series® Basic System *(28 46 21 33-1550)*

28 46 21 33-1572	EA	Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3)	835.69	49.87
28 46 21 33-1573	EA	Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3)	725.72	49.87
28 46 21 33-1574	EA	Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3)	835.69	49.87
28 46 21 33-1575	EA	Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3)	725.72	49.87
28 46 21 33-1576	EA	LCD Keypad Display (Gamewell-FCI LCD-E3)	524.39	49.87
28 46 21 33-1577	EA	Power Supply Module (Gamewell-FCI PM-9)	679.29	49.87
28 46 21 33-1578	EA	Transponder 9 Ampere Power Supply (Gamewell-FCI PM-9 INX)	575.57	49.87
28 46 21 33-1579	EA	Power Supply And Charger, 120/220 VAC (Gamewell-FCI PM-9G 9A)	556.99	24.94
28 46 21 33-1580	EA	Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3)	338.04	49.87
28 46 21 33-1581	EA	Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO)	863.51	49.87
28 46 21 33-1582	EA	Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP)	727.55	49.87
28 46 21 33-1583	EA	Local Operating Console (Gamewell-FCI 1100-0455)	488.00	37.41
28 46 21 33-1584	EA	Network Graphic Annunciator (Gamewell-FCI 1100-0505)	1,531.15	37.41
28 46 21 33-1585	EA	70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70)	625.32	49.87
28 46 21 33-1586	EA	INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326)	1,854.27	49.87
28 46 21 33-1587	EA	8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1)	472.90	99.76
28 46 21 33-1588	EA	C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC)	361.41	99.76
28 46 21 33-1589	EA	Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP)	80.84	24.94
28 46 21 33-1590	EA	Programmable Switch Module (Gamewell-FCI ASM-16)	445.73	49.87
28 46 21 33-1591	EA	LED Driver module (Gamewell-FCI ANU-48)	445.73	49.87
28 46 21 33-1592	EA	Network Graphic Annunciator (Gamewell-FCI NGA)	1,286.10	37.41

28 46 21 33-1593 Addressable Devices, Module, Pulls And Accessories *(28 46 21 33-1550)*

28 46 21 33-1594 Velociti® Series Sensors And Bases *(28 46 21 33-1593)*

28 46 21 33-1595	EA	Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F)	151.47	37.41
28 46 21 33-1596	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F)	154.28	37.41
28 46 21 33-1597	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F)	162.69	37.41
28 46 21 33-1598	EA	Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F)	129.04	37.41
28 46 21 33-1599	EA	Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F)	133.71	37.41
28 46 21 33-1600	EA	Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F)	129.04	37.41
28 46 21 33-1601	EA	Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F)	182.33	37.41
28 46 21 33-1602	EA	Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS)	378.66	37.41
28 46 21 33-1603	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF)	335.05	62.35
28 46 21 33-1604	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF)	372.44	62.35
28 46 21 33-1605	EA	Replacement Duct Detector Board (Gamewell-FCI ADP-F-SB)	196.68	62.35
28 46 21 33-1606	EA	Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF)	39.90	12.47
28 46 21 33-1607	EA	Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F)	406.71	37.41
28 46 21 33-1608	EA	Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF)	83.37	12.47

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1609	EA	Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F)	1,411.77	74.81
28 46 21 33-1610		**Velociti® Series Modules And Pull Station** *(28 46 21 33-1593)*		
28 46 21 33-1611	EA	Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2F)	109.24	24.94
28 46 21 33-1612	EA	Dual Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2IF)	168.60	24.94
28 46 21 33-1613	EA	Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4F)	118.59	24.94
28 46 21 33-1614	EA	Subloop Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4SF)	162.06	24.94
28 46 21 33-1615	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF)	137.29	24.94
28 46 21 33-1616	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF)	141.96	24.94
28 46 21 33-1617	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF)	205.87	49.87
28 46 21 33-1618	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF)	146.17	24.94
28 46 21 33-1619	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL)	24.00	4.99
28 46 21 33-1620		**Components And Accessories** *(28 46 21 33-1593)*		
28 46 21 33-1621	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box.	63.27	19.95
28 46 21 33-1622	EA	Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5)	31.64	9.98
28 46 21 33-1623	EA	>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3)	33.51	9.98
28 46 21 33-1624	EA	>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5)	40.37	12.47
28 46 21 33-1625	EA	>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10)	62.65	14.96
28 46 21 33-1626	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451) Note: Mounts on single gang box.	92.26	19.95
28 46 21 33-1627		**Fixed And Rate of Rise Heat Detectors** *(28 46 21 33-1593)*		
28 46 21 33-1628	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	90.70	37.41
28 46 21 33-1629	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602)	90.70	37.41
28 46 21 33-1630	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603)	90.70	37.41
28 46 21 33-1631	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604)	90.70	37.41
28 46 21 33-1632		**NAC Expander/Power Supply** *(28 46 21 33-1593)*		
28 46 21 33-1633	EA	FireForce 8 NAC Expander/Power Supply, 12/24 VDC, 8 Amp, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8)	1,471.15	399.00
28 46 21 33-1634	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6)	1,293.52	399.00
28 46 21 33-1635	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9)	1,382.33	399.00
28 46 21 33-1636		**Batteries And Accessories** *(28 46 21 33-1550)*		
28 46 21 33-1637	EA	B-17R, 12 VDC, 17 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	210.68	24.94
28 46 21 33-1638	EA	B-55R, 12 VDC, 55 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	515.46	24.94
28 46 21 33-1639	EA	B-7R, 12 VDC, 7 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	117.18	24.94
28 46 21 33-1640	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653)	268.98	49.87
28 46 21 33-1641	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654)	268.98	49.87
28 46 21 33-1642	EA	12"H x 12"W x 24"L Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970)	241.87	49.87
28 46 21 33-1643		**Electronic Door Holders** *(28 46 21 33-1550)* Note: Rixson products.		
28 46 21 33-1644	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	37.47	4.99
28 46 21 33-1645	EA	FM-980, Floor Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90000)	299.19	37.41
28 46 21 33-1646	EA	FM-981, Floor Mount Holder For Double Doors, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90001)	401.10	37.41
28 46 21 33-1647	EA	FM-990, Low Profile Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90002)	197.66	37.41
28 46 21 33-1648	EA	FM-996, Surface Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90003)	189.24	37.41
28 46 21 33-1649	EA	FM-997 Recessed Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90004)	197.66	37.41
28 46 21 33-1650	EA	FM-998, Recessed Mount Door Holder With Concealed Wiring, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90005)	197.28	37.41
28 46 21 33-1651		**SpectrAlert® Advance Wall Mount 2-Wire Horn/Strobes** *(28 46 21 33-1550)* See CSI section 28 46 21 33-1840 for devices.		
28 46 21 33-1652		**SpectrAlert® Advance Accessories** *(28 46 21 33-1550)* See CSI section 28 46 21 33-1840 for backboxes, 28 46 21 33-2107 for backboxes.		
28 46 21 33-1653		**Fire Alarm Programming** *(28 46 21 33-1550)* Note: For device replacement projects only. Do not use these tasks on projects where a fire alarm panel is replaced.		
28 46 21 33-1654	EA	Program And Test Up To 5 Fire Alarm Devices	500.00	
28 46 21 33-1655	EA	Program And Test >5 To 20 Fire Alarm Devices	1,000.00	
28 46 21 33-1656	EA	Program And Test >20 To 50 Fire Alarm Devices	2,000.00	
28 46 21 33-1657		**Fire-Lite Fire Alarm** *(28 46 21 33-0981)*		
28 46 21 33-1658		**Addressable Control Panels** *(28 46 21 33-1657)*		
28 46 21 33-1659	EA	25 Point Intelligent Control (Fire Lite MS-25)	1,535.69	498.76
28 46 21 33-1660	EA	50 Point Intelligent Control (Fire Lite MS-9050UD)	1,666.63	498.76
28 46 21 33-1661	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	2,367.21	498.76
28 46 21 33-1662	EA	636-Point Intelligent Control (Fire Lite MS-9600LS)	3,440.19	498.76
28 46 21 33-1663	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	3,315.26	498.76
28 46 21 33-1664	EA	IP And 4G Cellur Fire Alram Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G)	398.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1665		Silent Knight Fire Alarm *(28 46 21 33-0981)*		
28 46 21 33-1666	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	3,428.15	249.38
28 46 21 33-1667	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	1,438.76	149.63
28 46 21 33-1668	EA	50 Watt Amplifier (Silent Knight EVS-50W)	1,007.09	99.76
28 46 21 33-1669	EA	125 Watt Amplifier (Silent Knight EVS-125W)	1,766.31	99.76
28 46 21 33-1670	EA	Voice Evacuation System (Silent Knight SKE-450)	1,691.06	99.76
28 46 21 33-1671	EA	Fire Fighters Telephone (Silent Knight SK-FFT)	1,408.87	99.76
28 46 21 33-1672	EA	Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL)	1,458.91	149.63
28 46 21 33-1673	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808)	1,080.99	99.76
28 46 21 33-1674	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700)	834.49	99.76
28 46 21 33-1675	EA	Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600)	724.35	99.76
28 46 21 33-1676	EA	Combination Fire And CO Detector (Silent Knight SK-FIRE-CO)	233.05	37.41
28 46 21 33-1677	EA	Photoelectric Detector (Silent Knight SK-PHOTO)	138.51	37.41
28 46 21 33-1678	EA	Photoelectric Thermal Detector (Silent Knight SK-PHOTO-T)	145.09	37.41
28 46 21 33-1679	EA	Ionization Smoke Detector (Silent Knight SK-ION)	145.83	37.41
28 46 21 33-1680	EA	135 Degree Fixed Temperature Detector (Silent Knight SK-HEAT)	128.82	37.41
28 46 21 33-1681	EA	190 Degree Fixed Temperature Detector (Silent Knight SK-HEAT-HT)	134.83	37.41
28 46 21 33-1682	EA	135 Degree Fixed Temperature Rate-of-Rise Detector (Silent Knight SK-HEAT-ROR)	137.05	37.41
28 46 21 33-1683	EA	Sounder Base (Silent Knight B200SR)	79.10	12.47
28 46 21 33-1684	EA	Intelligent Sounder Base (Silent Knight B200S)	83.50	12.47
28 46 21 33-1685	EA	Isolator Base (Silent Knight B224BI)	66.68	12.47
28 46 21 33-1686	EA	Relay Base (Silent Knight B224RB)	67.40	12.47
28 46 21 33-1687	EA	Multi-Criteria Photoelectric Detector With Thermal Sensing (Silent Knight SK-ACCLIMATE)	148.13	37.41
28 46 21 33-1688	EA	Photoelectric Duct Detector (Silent Knight SK-DUCT)	230.30	37.41
28 46 21 33-1689	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM)	778.93	37.41
28 46 21 33-1690	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM-T)	887.77	37.41
28 46 21 33-1691	EA	Dual Monitor Module (Silent Knight SK-MONITOR-2)	173.51	37.41
28 46 21 33-1692	EA	Supervised Control Module (Silent Knight SK-CONTROL)	146.71	37.41
28 46 21 33-1693	EA	Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6)	466.89	49.87
28 46 21 33-1694	EA	Relay Control Module (Silent Knight SK-RELAY)	123.19	24.94
28 46 21 33-1695	EA	Six Relay Control Module (Silent Knight SK-RELAY-6)	451.92	49.87
28 46 21 33-1696	EA	Zone Interface Module (Silent Knight SK-ZONE)	149.53	37.41
28 46 21 33-1697	EA	Six Zone Interface Module (Silent Knight SK-ZONE-6)	537.59	49.87
28 46 21 33-1698	EA	Monitor Module (Silent Knight SK-MONITOR)	130.45	37.41
28 46 21 33-1699	EA	10 Input Monitor Module (Silent Knight SK-MON-10)	521.28	49.87
28 46 21 33-1700	EA	Monitor Module (Silent Knight SK-MINIMON)	122.41	37.41
28 46 21 33-1701	EA	Fault Isolator Module (Silent Knight SK-ISO)	134.83	37.41
28 46 21 33-1702	EA	Addressable Heat Sensor (Silent Knight SD505-AHS)	132.65	37.41
28 46 21 33-1703	EA	Analog Ionization Smoke Detector (Silent Knight SD505-AIS)	143.02	37.41
28 46 21 33-1704	EA	Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS)	134.83	37.41
28 46 21 33-1705	EA	6" Addressable Sounder Base (Silent Knight SD505-6SB)	95.96	12.47
28 46 21 33-1706	EA	6" Addressable Relay Base (Silent Knight SD505-6RB)	90.82	12.47
28 46 21 33-1707	EA	6" Isolator Base (Silent Knight SD505-6IB)	82.78	12.47
28 46 21 33-1708	EA	Addressable Input Module (Silent Knight SD500-AIM)	134.11	37.41
28 46 21 33-1709	EA	Addressable Notification Module (Silent Knight SD500-ANM)	162.22	37.41
28 46 21 33-1710	EA	Addressable Relay Module (Silent Knight SD500-ARM)	146.71	37.41
28 46 21 33-1711	EA	SLC Annunciator Driver Module (Silent Knight SD500-LED)	545.31	74.81
28 46 21 33-1712	EA	Loop Isolation Module (Silent Knight SD500-LIM)	139.23	37.41
28 46 21 33-1713	EA	Addressable Mini Input Module (Silent Knight SD500-MIM)	107.71	24.94
28 46 21 33-1714	EA	Single Action Addressable Pull Station (Silent Knight SD500-PS)	135.88	24.94
28 46 21 33-1715	EA	Dual Action Addressable Pull Station (Silent Knight SD500-PSDA)	130.24	24.94
28 46 21 33-1716	EA	Back Box (Silent Knight SK-PSSMBB)	63.51	19.95
28 46 21 33-1717	EA	Smoke Detector Module (Silent Knight SD500-SDM)	153.76	37.41
28 46 21 33-1718	EA	Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB)	38.33	12.47
28 46 21 33-1719	EA	Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB)	38.33	12.47
28 46 21 33-1720	EA	Addressable Duct Housing (Silent Knight SD505-DUCT)	239.94	37.41
28 46 21 33-1721	EA	Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR)	307.36	37.41
28 46 21 33-1722	EA	Addressable Duct Detector Test Switch (Silent Knight SD505-DTS)	137.77	37.41
28 46 21 33-1723	EA	Intelligent Power Module (Silent Knight 5895XL)	782.82	99.76
28 46 21 33-1724	EA	Addressable Power Supply (Silent Knight 5496)	548.03	74.81
28 46 21 33-1725	EA	Relay Interface Board (Silent Knight 5883)	208.11	24.94
28 46 21 33-1726	EA	Remote LED Annunciator (Silent Knight 5865-3)	427.45	49.87
28 46 21 33-1727	EA	Remote LED Annunciator (Silent Knight 5865-4)	481.59	49.87
28 46 21 33-1728	EA	Remote LCD Annunciator (Silent Knight SK-5860)	467.80	74.81
28 46 21 33-1729	EA	Serial/Parallel Printer Interface (Silent Knight 5824)	293.43	24.94
28 46 21 33-1730	EA	LED Input/Output Module (Silent Knight / IntelliKnight 5880)	348.10	37.41
28 46 21 33-1731	EA	Addressable Pull Station (Silent Knight SK-Pull-DA/SA)	130.24	24.94
28 46 21 33-1732	EA	Digital Fire Communicator with Cabinet (Silent Knight SK-5104)	448.76	74.81
28 46 21 33-1733	EA	Communicator (Silent Knight IPGSM-4G)	638.31	49.87
28 46 21 33-1734	EA	Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208)	1,017.84	99.76
28 46 21 33-1735	EA	10 Zone Expander (Silent Knight SK-5217)	283.80	24.94
28 46 21 33-1736	EA	Remote Annunciator (Silent Knight SK-5235)	295.16	49.87
28 46 21 33-1737	EA	Status Display Module (Silent Knight 5280)	90.14	24.94
28 46 21 33-1738	EA	Serial/Parallel Module (Silent Knight 5824)	343.32	49.87
28 46 21 33-1739	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4)	597.90	99.76
28 46 21 33-1740	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E)	608.77	99.76
28 46 21 33-1741	EA	Dress Panel (Silent Knight SK-DP2/4)	115.75	24.94
28 46 21 33-1742	EA	Class A Convertor (Silent Knight SK-CAC4)	289.48	37.41
28 46 21 33-1743	EA	Transmitter Module (Silent Knight SK-4XTM	160.82	37.41
28 46 21 33-1744	EA	LED Interface Module (Silent Knight SK-4XLM	149.53	37.41
28 46 21 33-1745	EA	110 VAC Transformer, 3-6A (Silent Knight SK-XRM24)	147.15	24.94
28 46 21 33-1746	EA	Remote Annunciator (Silent Knight SK-RZA4)	149.53	37.41
28 46 21 33-1747	EA	Zone Relay Module (Silent Knight SK-4XZM)	159.40	37.41
28 46 21 33-1748	EA	Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2)	523.11	99.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1749	EA	Remote Battery Box Accessory Cabinet (Silent Knight RBB)	130.24	24.94
28 46 21 33-1750	EA	Manual Pull Station (single action) (Silent Knight PS-SATK)	77.17	24.94
28 46 21 33-1751	EA	Manual Pull Station (dual action) (Silent Knight PS-DATK)	82.62	24.94
28 46 21 33-1752	EA	Manual Pull Station (dual action) (Silent Knight PS-DA)	81.09	24.94
28 46 21 33-1753	EA	Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH)	73.62	24.94
28 46 21 33-1754	EA	Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB)	152.91	29.93
28 46 21 33-1755	EA	6 Amp, 24 VDC, Distributed Power Module (with cabinet) (Silent Knight SK-5495)	516.76	74.81
28 46 21 33-1756	EA	9 Amp, 24 VDC, Distributed Power Module (with cabinet) (Silent Knight SK-5499)	576.58	74.81
28 46 21 33-1757	EA	Detector (Silent Knight IDP-PhotoR)	188.93	37.41
28 46 21 33-1758	EA	Monitoring Module (Silent Knight IDP)	189.03	37.41
28 46 21 33-1759	EA	Cabinet (Silent Knight SK-5207)	269.76	74.81
28 46 21 33-1760	EA	Innovair IDP-Product (Silent Knight Innovair IDP-Pduct)	350.19	24.94
28 46 21 33-1761	EA	I/O Input-Output Module (Silent Knight SK-2880)	470.33	24.94
28 46 21 33-1762	EA	Remote Annunciator (Silent Knight RA-2000)	1,350.93	74.81
28 46 21 33-1763	EA	Power Supply (Silent Knight 5195/96)	830.71	24.94
28 46 21 33-1764	EA	8 Zone Expander (Silent Knight SK-5210)	650.52	24.94
28 46 21 33-1765	EA	LCD Remote Annunciator (Silent Knight SK-5230)	281.39	49.87
28 46 21 33-1766	EA	Ionization Smoke Detector (Silent Knight SK-ION)	145.83	37.41
28 46 21 33-1767	EA	Addressable Relay Module (Silent Knight IDP-Relay)	164.91	37.41
28 46 21 33-1768	EA	Telephone Line Monitor (Silent Knight SK-7150)	103.93	24.94
28 46 21 33-1769	EA	Serial Driver Board (Silent Knight SK-2884)	183.21	24.94
28 46 21 33-1770	EA	Smoke Detector Base (Silent Knight IDP-6AB)	54.97	12.47
28 46 21 33-1771	EA	Mini Input Module (Silent Knight IDP-MINIMON)	139.97	24.94
28 46 21 33-1772	EA	Status Display Module (Silent Knight SK-4180)	482.34	24.94
28 46 21 33-1773	EA	8-Channel Digital Communicator (Silent Knight SK-1420)	290.13	24.94
28 46 21 33-1774	EA	Serial Parallel Module (Silent Knight SK-4824)	266.10	24.94
28 46 21 33-1775	EA	Power Supply (Silent Knight SK-5197 / SK-5198)	950.85	24.94
28 46 21 33-1776	EA	4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204)	1,641.06	99.76
28 46 21 33-1777	EA	Intelligent Ionization Smoke Detector (Silent Knight IDP-ION)	194.94	37.41
28 46 21 33-1778	EA	Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo)	164.91	37.41
28 46 21 33-1779	EA	Fire Slave Communicator Dialer (Silent Knight SK-5128)	311.83	24.94
28 46 21 33-1780	EA	Intelligent Power Module (with cabinet) (Silent Knight SK-5496)	548.03	74.81

28 46 21 33-1781 Alerton *(28 46 21 17)*

28 46 21 33-1782	EA	UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100)	448.04	7.48

28 46 21 33-1783 Cooper Fire Alarm *(28 46 21 17)*

28 46 21 33-1784	EA	Single Circuit Class A / Multiple B, 12 Or 24 VDC, Sync Module (Cooper DSM-12/24-R)	160.44	24.94
28 46 21 33-1785	EA	Red Lens, 21 Joules, 24 VDC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001)	2,621.51	42.40
28 46 21 33-1786	EA	Red, 100 dB, 24 VDC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002)	3,450.81	42.40
28 46 21 33-1787	EA	Red Lens, 5 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001)	1,276.44	49.87
28 46 21 33-1788	EA	Clear Lens, 5 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002)	1,283.81	49.87
28 46 21 33-1789	EA	Amber Lens, 5 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007)	1,283.81	49.87
28 46 21 33-1790	EA	Red Lens, 10 Joules, 24 VDC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001)	957.62	49.87
28 46 21 33-1791	EA	Amber Lens, 10 Joules, 120 VAC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003)	957.62	49.87
28 46 21 33-1792	EA	Red Lens, 10 Joules, 120 VAC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004)	957.62	49.87
28 46 21 33-1793	EA	Amber Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005)	1,283.81	49.87
28 46 21 33-1794	EA	Amber Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006)	1,283.81	49.87
28 46 21 33-1795	EA	Red Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007)	1,283.81	49.87
28 46 21 33-1796	EA	Red Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008)	1,283.81	49.87
28 46 21 33-1797	EA	Red Lens, 15 Joules, 24 VDC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002)	1,283.81	49.87
28 46 21 33-1798	EA	Red Lens, 21 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001)	1,474.55	49.87
28 46 21 33-1799	EA	Red Lens, 21 Joules, 24 VDC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003)	1,371.35	49.87
28 46 21 33-1800	EA	Amber Lens, 21 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005)	1,371.35	49.87
28 46 21 33-1801	EA	Red Lens, 21 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006)	1,371.35	49.87

28 46 21 33-1802 Light Engineered Displays Message Boards *(28 46 21 17)*

28 46 21 33-1803	EA	Two Message Sign, “Announcement” And “Evacuate” (LED SP-2/MNS)	469.89	29.93
28 46 21 33-1804	EA	Four Message Sign, “Fire”, “Weather”, “Announcement”, “E Voltuate” (LED SP-4)	571.25	29.93

28 46 21 33-1805 STI Fire Alarm *(28 46 21 17)*

28 46 21 33-1806	EA	Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100) Note: Include 9 VDC self contained battery.	111.78	14.96
28 46 21 33-1807	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	146.95	14.96
28 46 21 33-1808	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	99.38	14.96
28 46 21 33-1809	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D) Note: For surface mounted horn strobes.	90.24	14.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1810	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	80.19	14.96
28 46 21 33-1811	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D) Note: For surface mounted strobe.	90.24	14.96
28 46 21 33-1812	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E)	90.03	14.96
28 46 21 33-1813	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	182.89	14.96
28 46 21 33-1814	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230) Note: For surface mounted pull stations.	119.48	14.96
28 46 21 33-1815	EA	Backplate For Polycarbonate Cover (STI-1280)	55.50	14.96
28 46 21 33-1816	EA	Conduit Gasket For Polycarbonate Cover (STI-3003)	39.37	14.96
28 46 21 33-1817	EA	Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	65.64	14.96
28 46 21 33-1818	EA	Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	123.92	14.96
28 46 21 33-1819	EA	8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	109.86	14.96
28 46 21 33-1820	EA	24.7" x 19.7" x 7.3", Key Lock, Lockable Enclosure (STI-7550)	570.82	14.96
28 46 21 33-1821	EA	Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	88.90	14.96
28 46 21 33-1822	EA	Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	81.99	14.96
28 46 21 33-1823	EA	Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	75.54	14.96
28 46 21 33-1824	EA	Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	81.99	14.96
28 46 21 33-1825	EA	Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	75.54	14.96
28 46 21 33-1826	EA	Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	81.99	14.96
28 46 21 33-1827	EA	Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	75.54	14.96
28 46 21 33-1828	EA	Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	136.82	14.96
28 46 21 33-1829	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	69.55	14.96
28 46 21 33-1830	EA	Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	69.55	14.96
28 46 21 33-1831	EA	Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	105.49	14.96
28 46 21 33-1832	EA	Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	105.49	14.96
28 46 21 33-1833	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	76.00	14.96
28 46 21 33-1834	EA	Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	76.00	14.96
28 46 21 33-1835	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	69.55	14.96
28 46 21 33-1836	EA	Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	75.54	14.96
28 46 21 33-1837	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	76.00	14.96
28 46 21 33-1838	EA	Yellow, “High Threat”, Push Button Station (STI SS-2201)	78.31	7.48
28 46 21 33-1839	EA	Gasket Kit For STI Covers (STI SUB-121)	34.99	

28 46 21 33-1840 System Sensor Fire Alarm *(28 46 21 17)*

28 46 21 33-1841 Smoke Detectors *(28 46 21 33-1840)*

28 46 21 33-1842	EA	Beam Detector Heater Kit (System Sensor BEAMHK)	46.84	4.99
28 46 21 33-1843	EA	Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR) Note: Four used with long range kit.	189.66	4.99
28 46 21 33-1844	EA	Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	239.82	49.87
28 46 21 33-1845	EA	Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	178.08	49.87
28 46 21 33-1846	EA	Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	146.75	49.87
28 46 21 33-1847	EA	Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	123.53	37.41
28 46 21 33-1848	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	136.55	37.41
28 46 21 33-1849	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	128.78	37.41
28 46 21 33-1850	EA	Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	125.22	37.41
28 46 21 33-1851	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 VDC (System Sensor 4WT-B)	145.76	37.41
28 46 21 33-1852	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	131.40	37.41
28 46 21 33-1853	EA	Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	174.33	37.41
28 46 21 33-1854	EA	Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	103.31	24.94
28 46 21 33-1855	EA	Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T) Note: Requires B100 series base.	116.21	24.94
28 46 21 33-1856	EA	Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK)	216.60	12.47
28 46 21 33-1857	EA	Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK)	75.62	12.47

28 46 21 33-1858 Duct Smoke Detectors *(28 46 21 33-1840)*

28 46 21 33-1859	EA	Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	280.52	37.41
28 46 21 33-1860	EA	Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	283.52	37.41
28 46 21 33-1861	EA	Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	364.22	42.40
28 46 21 33-1862	EA	Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	184.40	24.94
28 46 21 33-1863	EA	Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL)	49.97	7.48
28 46 21 33-1864	EA	Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	137.34	19.95
28 46 21 33-1865	EA	Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	220.01	24.94
28 46 21 33-1866	EA	1’ Steel Sampling Tube (System Sensor DST1)	30.09	9.98
28 46 21 33-1867	EA	1.5’ Steel Sampling Tube (System Sensor DST1.5)	32.39	9.98
28 46 21 33-1868	EA	3’ Steel Sampling Tube (System Sensor DST3)	37.00	9.98
28 46 21 33-1869	EA	5’ Steel Sampling Tube (System Sensor DST5)	40.31	12.47
28 46 21 33-1870	EA	10’ Steel Sampling Tube (System Sensor DST10)	68.40	14.96
28 46 21 33-1871	EA	1’, Steel, Exhaust Tube Duct (System Sensor ETX)	33.31	9.98
28 46 21 33-1872	EA	Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	76.31	12.47
28 46 21 33-1873	EA	Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	161.25	
28 46 21 33-1874	EA	Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	173.23	

28 46 21 33-1875 Heat Detectors *(28 46 21 33-1840)*

28 46 21 33-1876	EA	Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	90.55	37.41
28 46 21 33-1877	EA	Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	90.55	37.41
28 46 21 33-1878	EA	Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	102.54	37.41
28 46 21 33-1879	EA	Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	102.54	37.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1880		**Horns** *(28 46 21 33-1840)*		
28 46 21 33-1881	EA	Red, Mini Horn (System Sensor MHR)	100.15	37.41
28 46 21 33-1882	EA	White, Mini Horn (System Sensor MHW)	100.15	37.41
28 46 21 33-1883	EA	White, 12/24 VDC, Wall Mounted Horn Only (System Sensor HW)	113.05	37.41
28 46 21 33-1884	EA	Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	126.25	42.40
28 46 21 33-1885	EA	Red, Interior, Wall Mounted, Horn (System Sensor HR)	105.92	37.41
28 46 21 33-1886	EA	Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	123.53	37.41
28 46 21 33-1887		**Wall Mounted Horns/Strobes** *(28 46 21 33-1840)*		
28 46 21 33-1888	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2R)	144.84	37.41
28 46 21 33-1889	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	150.37	37.41
28 46 21 33-1890	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	191.68	42.40
28 46 21 33-1891	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P)	191.68	42.40
28 46 21 33-1892	EA	Low Frequency, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH-LF)	200.13	37.41
28 46 21 33-1893	EA	Outdoor Backbox, Red, 120 VAC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120)	205.50	42.40
28 46 21 33-1894	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK)	181.08	42.40
28 46 21 33-1895	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P)	186.15	42.40
28 46 21 33-1896	EA	Replacement, Outdoor, Red, , Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R)	162.35	37.41
28 46 21 33-1897	EA	Plain, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2R-P)	144.84	37.41
28 46 21 33-1898	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2W)	144.84	37.41
28 46 21 33-1899	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH)	151.29	37.41
28 46 21 33-1900	EA	Low Frequency, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-LF)	200.13	37.41
28 46 21 33-1901	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK)	191.68	42.40
28 46 21 33-1902	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P)	191.68	42.40
28 46 21 33-1903	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P)	150.37	37.41
28 46 21 33-1904	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK)	186.15	42.40
28 46 21 33-1905	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P)	186.15	42.40
28 46 21 33-1906	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2W-P)	144.84	37.41
28 46 21 33-1907	EA	Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4R)	147.51	37.41
28 46 21 33-1908	EA	Red, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH)	150.51	37.41
28 46 21 33-1909	EA	Outdoor Backbox, Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK)	173.23	42.40
28 46 21 33-1910	EA	Replacement, Outdoor, Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R)	182.46	42.40
28 46 21 33-1911	EA	White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4W)	164.19	37.41
28 46 21 33-1912	EA	Outdoor Backbox, White, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK)	187.99	42.40
28 46 21 33-1913	EA	Outdoor Backbox, White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK)	193.52	42.40
28 46 21 33-1914		**Ceiling Mounted Horns/Strobes** *(28 46 21 33-1840)*		
28 46 21 33-1915	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R)	144.84	37.41
28 46 21 33-1916	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH)	152.21	37.41
28 46 21 33-1917	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK)	191.68	42.40
28 46 21 33-1918	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK)	186.15	42.40
28 46 21 33-1919	EA	Plain, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P)	145.76	37.41
28 46 21 33-1920	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W)	144.84	37.41
28 46 21 33-1921	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH)	152.21	37.41
28 46 21 33-1922	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK)	191.68	42.40
28 46 21 33-1923	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P)	152.21	37.41
28 46 21 33-1924	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK)	186.15	42.40
28 46 21 33-1925	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P)	144.84	37.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1926	EA	Red, Ceiling Mounted, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4R)	147.51	37.41
28 46 21 33-1927	EA	Red, Ceiling Mounted, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH)	150.51	37.41
28 46 21 33-1928	EA	White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4W)	164.19	37.41

28 46 21 33-1929 Wall Mounted Strobes *(28 46 21 33-1840)*

28 46 21 33-1930	EA	White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW)	56.27	12.47
28 46 21 33-1931	EA	White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW)	104.18	12.47
28 46 21 33-1932	EA	Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SR)	120.53	37.41
28 46 21 33-1933	EA	Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH)	131.02	37.41
28 46 21 33-1934	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK)	157.49	42.40
28 46 21 33-1935	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK)	155.99	42.40
28 46 21 33-1936	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P)	172.33	42.40
28 46 21 33-1937	EA	Replacement Unit, Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R)	152.06	42.40
28 46 21 33-1938	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SR-P)	131.02	37.41
28 46 21 33-1939	EA	White, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW)	131.02	37.41
28 46 21 33-1940	EA	White, Amber Lens, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-ALERT)	141.15	37.41
28 46 21 33-1941	EA	White, Clear Lens, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-CLR-ALERT)	138.39	37.41
28 46 21 33-1942	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH)	143.92	37.41
28 46 21 33-1943	EA	White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT)	143.00	37.41
28 46 21 33-1944	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P)	143.00	37.41
28 46 21 33-1945	EA	Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P)	174.17	42.40
28 46 21 33-1946	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK)	174.17	42.40
28 46 21 33-1947	EA	White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P)	174.17	42.40
28 46 21 33-1948	EA	Replacement Unit, Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R)	155.74	42.40
28 46 21 33-1949	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK)	172.33	42.40
28 46 21 33-1950	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P)	172.33	42.40
28 46 21 33-1951	EA	White, Plain, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-P)	130.10	37.41
28 46 21 33-1952	EA	Amber, Wall Strobe Lens Attachment (System Sensor LENS-A)	20.12	4.99
28 46 21 33-1953	EA	Blue, Wall Strobe Lens Attachment (System Sensor LENS-B)	20.12	4.99
28 46 21 33-1954	EA	Green, Wall Strobe Lens Attachment (System Sensor LENS-G)	20.12	4.99
28 46 21 33-1955	EA	Red, Wall Strobe Lens Attachment (System Sensor LENS-R)	20.12	4.99

28 46 21 33-1956 Ceiling Mounted Strobes *(28 46 21 33-1840)*

28 46 21 33-1957	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCR)	120.53	37.41
28 46 21 33-1958	EA	Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH)	132.52	37.41
28 46 21 33-1959	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK)	157.49	42.40
28 46 21 33-1960	EA	Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK)	157.49	42.40
28 46 21 33-1961	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW)	131.02	37.41
28 46 21 33-1962	EA	Clear Lens, White, Two Wire, 12/24 VDC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCW-CLR-ALERT)	138.39	37.41
28 46 21 33-1963	EA	White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH)	145.76	37.41
28 46 21 33-1964	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK)	174.17	42.40
28 46 21 33-1965	EA	Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK)	172.33	42.40
28 46 21 33-1966	EA	Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P)	131.94	37.41
28 46 21 33-1967	EA	Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC)	20.12	4.99
28 46 21 33-1968	EA	Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC)	20.12	4.99
28 46 21 33-1969	EA	Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC)	20.12	4.99
28 46 21 33-1970	EA	Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC)	20.12	4.99

28 46 21 33-1971 Wall Mounted Speakers *(28 46 21 33-1840)*

28 46 21 33-1972	EA	24 VDC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V)	304.25	37.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-1973	EA	Red, Wall Mounted Speaker (System Sensor SPR)	104.04	37.41
28 46 21 33-1974	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK)	158.20	37.41
28 46 21 33-1975	EA	Replacement Unit, Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R)	139.62	42.40
28 46 21 33-1976	EA	Red, High dB, Wall Mounted Speaker (System Sensor SPRV)	112.29	37.41
28 46 21 33-1977	EA	White, Wall Mounted Speaker (System Sensor SPW)	110.75	37.41
28 46 21 33-1978	EA	White, Outdoor, Wall Mounted Speaker (System Sensor SPWK)	168.18	42.40
28 46 21 33-1979	EA	White, High dB, Wall Mounted Speaker (System Sensor SPWV)	120.88	37.41
28 46 21 33-1980		**Ceiling Mounted Speakers** *(28 46 21 33-1840)*		
28 46 21 33-1981	EA	Red, Ceiling Mounted Speaker (System Sensor SPCR)	104.04	37.41
28 46 21 33-1982	EA	Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK)	142.64	37.41
28 46 21 33-1983	EA	Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV)	112.29	37.41
28 46 21 33-1984	EA	White, Ceiling Mounted Speaker (System Sensor SPCW)	110.75	37.41
28 46 21 33-1985	EA	White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV)	120.88	37.41
28 46 21 33-1986	EA	White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK)	168.18	42.40
28 46 21 33-1987		**Wall Mounted Speakers/Strobes** *(28 46 21 33-1840)*		
28 46 21 33-1988	EA	White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSW)	112.48	12.47
28 46 21 33-1989	EA	White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSW)	56.27	12.47
28 46 21 33-1990	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSR)	151.26	37.41
28 46 21 33-1991	EA	Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH)	159.51	37.41
28 46 21 33-1992	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK)	207.71	42.40
28 46 21 33-1993	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P)	235.91	42.40
28 46 21 33-1994	EA	Replacement Unit, Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R)	202.73	42.40
28 46 21 33-1995	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSR-P)	168.80	37.41
28 46 21 33-1996	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV)	155.01	37.41
28 46 21 33-1997	EA	White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW-ALERT)	189.07	37.41
28 46 21 33-1998	EA	White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT)	239.59	42.40
28 46 21 33-1999	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW)	168.80	37.41
28 46 21 33-2000	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH)	178.93	37.41
28 46 21 33-2001	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P)	178.93	37.41
28 46 21 33-2002	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK)	235.91	42.40
28 46 21 33-2003	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P)	235.91	42.40
28 46 21 33-2004	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW-P)	168.80	37.41
28 46 21 33-2005	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV)	173.40	37.41
28 46 21 33-2006	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P)	173.40	37.41
28 46 21 33-2007		**Ceiling Mounted Speakers/Strobes** *(28 46 21 33-1840)*		
28 46 21 33-2008	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCR)	151.26	37.41
28 46 21 33-2009	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH)	161.00	37.41
28 46 21 33-2010	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV)	155.01	37.41
28 46 21 33-2011	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCW)	168.80	37.41
28 46 21 33-2012	EA	White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCW-CLR-ALERT)	180.78	37.41
28 46 21 33-2013	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH)	178.93	37.41
28 46 21 33-2014	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK)	238.67	42.40
28 46 21 33-2015	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P)	178.93	37.41
28 46 21 33-2016	EA	White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT)	239.59	42.40
28 46 21 33-2017	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK)	235.91	42.40
28 46 21 33-2018	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCW-P)	168.80	37.41
28 46 21 33-2019	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV)	173.40	37.41
28 46 21 33-2020	EA	White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH)	178.93	37.41
28 46 21 33-2021	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P)	173.40	37.41
28 46 21 33-2022	EA	High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH)	178.67	37.41

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-2023		**Electric Alarm Bells** *(28 46 21 33-1840)*		
28 46 21 33-2024	EA	6" 24 Volt DC Alarm Bell (System Sensor SSM24-6)	131.02	37.41
28 46 21 33-2025	EA	8" 24 Volt DC Alarm Bell (System Sensor SSM24-8)	141.15	37.41
28 46 21 33-2026	EA	10" 24 Volt DC Alarm Bell (System Sensor SSM24-10)	164.56	37.41
28 46 21 33-2027	EA	6" 120 Volt AC Alarm Bell (System Sensor SSV120-6)	127.35	37.91
28 46 21 33-2028	EA	8" 120 Volt AC Alarm Bell (System Sensor SSV120-8)	128.56	37.91
28 46 21 33-2029	EA	10" 120 Volt AC Alarm Bell (System Sensor SSV120-10)	136.24	37.91
28 46 21 33-2030		**Device Bases** *(28 46 21 33-1840)*		
28 46 21 33-2031	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S)	95.89	12.47
28 46 21 33-2032	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR)	93.59	12.47
28 46 21 33-2033	EA	Intelligent Isolator Base (System Sensor B224BI)	77.69	12.47
28 46 21 33-2034	EA	Intelligent Relay Base (System Sensor B224RB)	78.84	12.47
28 46 21 33-2035	EA	Flangeless, Intelligent Detector Base (System Sensor B501)	45.90	12.47
28 46 21 33-2036		**Boxes, Plates And Decals** *(28 46 21 33-1840)*		
28 46 21 33-2037	EA	Two Wire, Flanged, 12/24 VDC, Low-Profile, Adapter Base (System Sensor B110LP)	40.14	12.47
28 46 21 33-2038	EA	Four Wire, Form A And C, 24 VDC Low-Profile, Adapter Base (System Sensor B112LP)	74.62	14.96
28 46 21 33-2039	EA	Conventional Flanged Mounting Base (System Sensor B210LP)	38.76	12.47
28 46 21 33-2040	EA	120 VAC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K)	71.93	12.47
28 46 21 33-2041	EA	Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB)	63.64	12.47
28 46 21 33-2042	EA	White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW)	70.09	12.47
28 46 21 33-2043	EA	White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW)	63.64	12.47
28 46 21 33-2044	EA	Red Retrofit Plate (System Sensor RFP)	31.18	7.48
28 46 21 33-2045	EA	White Retrofit Plate (System Sensor RFPW)	31.18	7.48
28 46 21 33-2046	EA	Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB)	54.43	12.47
28 46 21 33-2047	EA	Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC)	55.81	12.47
28 46 21 33-2048	EA	Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCR)	46.59	12.47
28 46 21 33-2049	EA	White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCW)	46.59	12.47
28 46 21 33-2050	EA	Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBR)	40.14	12.47
28 46 21 33-2051	EA	Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPR)	44.75	12.47
28 46 21 33-2052	EA	White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPW)	44.75	12.47
28 46 21 33-2053	EA	White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBW)	40.14	12.47
28 46 21 33-2054	EA	Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500)	39.68	12.47
28 46 21 33-2055	EA	Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600)	39.68	12.47
28 46 21 33-2056	EA	Red, Wall Mounted, Trim Ring (System Sensor TR)	16.71	4.99
28 46 21 33-2057	EA	Red, Ceiling Mounted, Trim Ring (System Sensor TRC)	16.71	4.99
28 46 21 33-2058	EA	White, Ceiling Mounted, Trim Ring (System Sensor TRCW)	16.71	4.99
28 46 21 33-2059	EA	Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS)	14.54	4.99
28 46 21 33-2060	EA	White, Wall Mounted, Trim Ring (System Sensor TRW)	16.71	4.99
28 46 21 33-2061	EA	Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R)	21.22	
28 46 21 33-2062	EA	Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC)	29.42	
28 46 21 33-2063	EA	White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W)	21.22	
28 46 21 33-2064	EA	White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC)	29.42	
28 46 21 33-2065		**Chimes** *(28 46 21 33-1840)*		
28 46 21 33-2066	EA	Red, 12/24 VDC, Ceiling Or Wall Mounted Chime (System Sensor CHR)	116.27	37.41
28 46 21 33-2067	EA	White, 12/24 VDC, Ceiling Or Wall Mounted Chime (System Sensor CHW)	116.27	37.41
28 46 21 33-2068		**Chime/Strobes** *(28 46 21 33-1840)*		
28 46 21 33-2069	EA	Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 VDC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSR)	202.89	37.41
28 46 21 33-2070	EA	White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 VDC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSW)	202.89	37.41
28 46 21 33-2071		**Carbon Monoxide Detectors** *(28 46 21 33-1840)*		
28 46 21 33-2072	EA	Conventional Carbon Monoxide Detector (System Sensor CO1224)	194.57	49.87
28 46 21 33-2073	EA	Round, Sounder And Trouble Relay With Test Function, 12/24 VDC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR)	191.37	37.41
28 46 21 33-2074	EA	CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE)	13.67	4.99
28 46 21 33-2075		**Switches** *(28 46 21 33-1840)*		
28 46 21 33-2076	EA	SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1)	160.61	19.95
28 46 21 33-2077	EA	Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	179.04	19.95
28 46 21 33-2078	EA	SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1)	160.61	19.95
28 46 21 33-2079	EA	Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	179.04	19.95
28 46 21 33-2080	EA	Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	164.29	19.95
28 46 21 33-2081	EA	Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	155.08	19.95
28 46 21 33-2082		**Low Frequency Sounders** *(28 46 21 33-1840)*		
28 46 21 33-2083	EA	Red, Low Frequency Sounder (System Sensor HR-LF)	146.68	37.41
28 46 21 33-2084	EA	White, Low Frequency Sounder (System Sensor HW-LF)	146.68	37.41

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-2085		**Sync Modules** *(28 46 21 33-1840)*		
28 46 21 33-2086	EA	Red, 12/24 VDC, Sync Module (System Sensor MDL3R)	128.19	24.94
28 46 21 33-2087	EA	White, 12/24 VDC, Sync Module (System Sensor MDL3W)	128.19	24.94
28 46 21 33-2088		**Relays** *(28 46 21 33-1840)*		
28 46 21 33-2089	EA	Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E)	73.72	19.95
28 46 21 33-2090	EA	SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T)	47.42	12.47
28 46 21 33-2091	EA	4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E)	133.67	12.47
28 46 21 33-2092	EA	4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T)	98.89	12.47
28 46 21 33-2093	EA	Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E)	78.97	19.95
28 46 21 33-2094	EA	DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	48.90	12.47
28 46 21 33-2095	EA	4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E)	150.26	12.47
28 46 21 33-2096	EA	4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	112.48	12.47
28 46 21 33-2097	EA	18 To 35 VDC, 18 To 35 VAC, 120 VAC, SPDT Multivoltage Relay (System Sensor PR-1)	41.53	12.47
28 46 21 33-2098	EA	10 To 40 VDC, SPDT Multivoltage Relay (System Sensor PR-2)	41.53	12.47
28 46 21 33-2099	EA	Redundant Power Input, 10 To 40 VDC, SPDT Multivoltage Relay (System Sensor PR-3)	41.53	12.47
28 46 21 33-2100		**Remote Annunciator** *(28 46 21 33-1840)*		
28 46 21 33-2101	EA	Remote Annunciator (System Sensor RA100Z)	87.52	37.41
28 46 21 33-2102	EA	Remote LED Annunciator (System Sensor RA100ZA)	92.68	37.41
28 46 21 33-2103		**Remote Test Station** *(28 46 21 33-1840)*		
28 46 21 33-2104	EA	Remote Test Station With Key (System Sensor RTS151KEY)	115.50	37.41
28 46 21 33-2105		**Fire Alarm Digital Cellular Communicator** *(28 46 21 17)*		
28 46 21 33-2106	EA	Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS)	461.24	49.87
28 46 21 33-2107		**Wheelock Fire Alarm** *(28 46 21 17)*		
28 46 21 33-2108		**Ceiling Mounted Chimes/Strobes** *(28 46 21 33-2107)*		
28 46 21 33-2109	EA	White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 VDC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	235.14	37.41
28 46 21 33-2110		**Wall Mounted Chimes/Strobes** *(28 46 21 33-2107)*		
28 46 21 33-2111	EA	Red, Selectable Candela (15, 30, 75, 110 Candela), 24 VDC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR)	235.14	37.41
28 46 21 33-2112	EA	White, Selectable Candela (15, 30, 75, 110 Candela), 24 VDC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW)	235.14	37.41
28 46 21 33-2113		**Ceiling Mounted Horns/Strobes** *(28 46 21 33-2107)*		
28 46 21 33-2114	EA	Red, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC)	149.45	37.41
28 46 21 33-2115	EA	White, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	149.45	37.41
28 46 21 33-2116		**Wall Mounted Horns/Strobes** *(28 46 21 33-2107)*		
28 46 21 33-2117	EA	Red, Weatherproof, 24 VDC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR)	159.58	37.41
28 46 21 33-2118	EA	Red, 24 VDC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR)	179.85	37.41
28 46 21 33-2119	EA	Red, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	167.88	37.41
28 46 21 33-2120	EA	White, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	167.88	37.41
28 46 21 33-2121	EA	Red, Flush, 24 VAC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	171.56	37.41
28 46 21 33-2122	EA	Red, 24 VAC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR)	164.65	37.41
28 46 21 33-2123	EA	Red, 115 VAC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	164.19	37.41
28 46 21 33-2124	EA	Red, Weatherproof, 24 VDC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	185.23	42.40
28 46 21 33-2125	EA	Red, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	149.91	37.41
28 46 21 33-2126	EA	White, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	149.91	37.41
28 46 21 33-2127		**Ceiling Mounted Strobes** *(28 46 21 33-2107)*		
28 46 21 33-2128	EA	Red, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	134.24	37.41
28 46 21 33-2129	EA	White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	134.24	37.41
28 46 21 33-2130	EA	Red, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	136.55	37.41
28 46 21 33-2131	EA	White, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	136.55	37.41
28 46 21 33-2132		**Wall Mounted Strobes** *(28 46 21 33-2107)*		
28 46 21 33-2133	EA	Red, Multi-Candela, 24 VDC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	203.81	37.41
28 46 21 33-2134	EA	Red, Retrofit Plate, 12 VDC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	166.95	37.41
28 46 21 33-2135	EA	Red, 24 VDC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	147.60	37.41
28 46 21 33-2136	EA	Red, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	138.39	37.41
28 46 21 33-2137	EA	White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	138.39	37.41
28 46 21 33-2138	EA	Red, Retrofit Plate, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	151.75	37.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-2139	EA	Outdoor, Red, 24 VDC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) Note: Requires WPSBB-R.	156.66	42.40
28 46 21 33-2140	EA	Red, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	136.55	37.41
28 46 21 33-2141	EA	White, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	136.55	37.41
28 46 21 33-2142		**Ceiling Mounted Speakers/Strobes** *(28 46 21 33-2107)*		
28 46 21 33-2143	EA	Red, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	178.01	37.41
28 46 21 33-2144	EA	White, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	178.01	37.41
28 46 21 33-2145	EA	White, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	176.17	37.41
28 46 21 33-2146	EA	White, 24 VDC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	178.01	37.41
28 46 21 33-2147	EA	White, 24 VDC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCCH-FW)	189.53	37.41
28 46 21 33-2148	EA	White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	193.68	37.41
28 46 21 33-2149		**Wall Mounted Speakers/Strobes** *(28 46 21 33-2107)*		
28 46 21 33-2150	EA	Red, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR)	195.52	37.41
28 46 21 33-2151	EA	White, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	195.52	37.41
28 46 21 33-2152	EA	Red, 24 VDC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR)	189.53	37.41
28 46 21 33-2153	EA	White, 24 VDC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW)	189.53	37.41
28 46 21 33-2154	EA	Red, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	178.01	37.41
28 46 21 33-2155	EA	White, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW)	174.33	37.41
28 46 21 33-2156	EA	Red, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	189.53	37.41
28 46 21 33-2157	EA	White, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	189.53	37.41
28 46 21 33-2158	EA	Red, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR)	193.68	37.41
28 46 21 33-2159	EA	Red, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	178.01	37.41
28 46 21 33-2160	EA	White, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW)	174.33	37.41
28 46 21 33-2161	EA	Red, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	189.53	37.41
28 46 21 33-2162	EA	White, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	193.68	37.41
28 46 21 33-2163	EA	Red, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR)	193.68	37.41
28 46 21 33-2164	EA	White, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW)	193.68	37.41
28 46 21 33-2165	EA	Weatherproof, Red, 24 VDC, 75 Candela, Wall Mounted Speaker Strobe/(Wheelock ET70WP-2475 W-FR) Note: Requires weatherproof backbox (IOB).	211.49	42.40
28 46 21 33-2166		**Electric Alarm Bells** *(28 46 21 33-2107)*		
28 46 21 33-2167	EA	6", 24 VDC, Red, Vibrating Bell (Wheelock 43T-G6-24-R)	152.67	37.41
28 46 21 33-2168	EA	6", 115 VAC, Red, Vibrating Bell (Wheelock 43T-G6-115-R)	152.67	37.41
28 46 21 33-2169	EA	10", 115 VAC, Red, Vibrating Bell (Wheelock 43T-G10-115-R)	195.52	37.41
28 46 21 33-2170	EA	115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSX10-115-R)	1,292.80	42.40
28 46 21 33-2171	EA	Outdoor, 115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSXG10-115-R)	2,038.24	42.40
28 46 21 33-2172	EA	Vibrating, Outdoor, 115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CVXG10-115-R)	1,904.63	42.40
28 46 21 33-2173	EA	6", ADA, 24 VDC, Red, Motor Bell (Wheelock MB-G6-24-R)	125.03	37.41
28 46 21 33-2174	EA	10", ADA, 24 VDC, Red, Motor Bell (Wheelock MB-G10-24-R)	146.68	37.41
28 46 21 33-2175		**Horns** *(28 46 21 33-2107)*		
28 46 21 33-2176	EA	Two Wire, 24 VDC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non Sync Horn (Wheelock AH-24WP-R)	111.67	37.41
28 46 21 33-2177	EA	Red, Two Wire, 12/24 VDC, Wall Mounted Horn (Wheelock HNR)	111.21	37.41
28 46 21 33-2178	EA	White, Two Wire, 12/24 VDC, Wall Mounted Horn (Wheelock HNW)	111.21	37.41
28 46 21 33-2179	EA	Red, Two Wire, 12/24 VDC, Ceiling Mounted Horn (Wheelock HNRC)	111.67	37.41
28 46 21 33-2180	EA	White, Two Wire, 12/24 VDC, Ceiling Mounted Horn (Wheelock HNWC)	111.67	37.41
28 46 21 33-2181	EA	Red, 24 VDC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R)	96.00	37.41
28 46 21 33-2182	EA	White, 24 VDC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W)	96.00	37.41
28 46 21 33-2183	EA	Red, Flush, 12/24 VAC, Horn (Wheelock MT-12/24-R)	109.36	37.41
28 46 21 33-2184		**Speakers** *(28 46 21 33-2107)*		
28 46 21 33-2185	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Mounted Speaker (Wheelock E50-R)	114.43	37.41
28 46 21 33-2186	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Mounted Speaker (Wheelock E50-W)	114.43	37.41
28 46 21 33-2187	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Ceiling Mounted Speaker (Wheelock E60-R)	114.43	37.41
28 46 21 33-2188	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Ceiling Mounted Speaker (Wheelock E60-W)	112.13	37.41
28 46 21 33-2189	EA	Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E70-R)	114.43	37.41
28 46 21 33-2190	EA	White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E70-W)	114.43	37.41
28 46 21 33-2191	EA	Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E90-R)	114.43	37.41
28 46 21 33-2192	EA	White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E90-W)	114.43	37.41
28 46 21 33-2193	EA	Red, Flush Or Surface, Square, 1/8 - 8 Watts, Wall Mounted Speaker (Wheelock ET70-R)	129.17	37.41
28 46 21 33-2194	EA	White, Flush Or Surface, Square, 1/8 - 8 Watts, Wall Mounted Speaker (Wheelock ET70-W)	129.17	37.41
28 46 21 33-2195	EA	White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watts Ceiling Mounted Speaker (Wheelock ET90-W)	131.02	37.41
28 46 21 33-2196	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watts, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R)	144.38	37.41
28 46 21 33-2197	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watts, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R)	138.39	37.41
28 46 21 33-2198	EA	Grey, 1 To 15 Watts, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15S)	258.18	37.41

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	28 46 21 33-2199	EA	Red, 1 To 15 Watts, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15SR)	258.18	37.41
28 46 21 33-2200			Sync Modules *(28 46 21 33-2107)*		
	28 46 21 33-2201	EA	12 Or 24 VDC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R)	121.74	24.94
28 46 21 33-2202			Boxes, Plates And Rings *(28 46 21 33-2107)*		
	28 46 21 33-2203	EA	4" Square, Red, Surface Backbox (Wheelock BB-R)	33.46	12.47
	28 46 21 33-2204	EA	Standard 4" Square Box (Wheelock BB-STD)	31.02	12.47
	28 46 21 33-2205	EA	Black, Backbox For UZC-256 (Wheelock BB-UZC)	165.97	24.94
	28 46 21 33-2206	EA	Red, Backbox For UZC-256 (Wheelock BB-UZC-R)	165.97	24.94
	28 46 21 33-2207	EA	9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP)	123.75	19.95
	28 46 21 33-2208	EA	Red, Extender Ring For E60 Series (Wheelock E60EXT-R)	18.04	4.99
	28 46 21 33-2209	EA	White, Extender Ring For E60 Series (Wheelock E60EXT-W)	17.81	4.99
	28 46 21 33-2210	EA	Red, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-R)	42.91	12.47
	28 46 21 33-2211	EA	White, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-W)	41.07	12.47
	28 46 21 33-2212	EA	Red, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-R)	43.83	12.47
	28 46 21 33-2213	EA	White, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-W)	43.83	12.47
	28 46 21 33-2214	EA	4" Square Backbox (Wheelock DBB-R)	35.54	12.47
	28 46 21 33-2215	EA	Red, Surface Backbox (Wheelock IOB-R)	41.99	12.47
	28 46 21 33-2216	EA	White, Surface, Backbox (Wheelock IOB-W)	41.99	12.47
	28 46 21 33-2217	EA	White, Indoor, Surface Extender (Wheelock ISP2-W)	17.12	4.99
	28 46 21 33-2218	EA	Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R)	17.81	4.99
	28 46 21 33-2219	EA	White, RS/RSS Strobe Trim Plate (Wheelock NATP-W)	17.81	4.99
	28 46 21 33-2220	EA	Red Retrofit Plate (Wheelock RP-R)	20.58	4.99
	28 46 21 33-2221	EA	4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4)	29.33	4.99
	28 46 21 33-2222	EA	Red, Surface Mounted, Backbox For Chimes, Speakers (Wheelock SBB-R)	43.83	12.47
	28 46 21 33-2223	EA	White, Surface Mounted, Backbox For Chimes, Speaker (Wheelock SBB-W)	43.83	12.47
	28 46 21 33-2224	EA	Red, Surface Mounted, Backbox For With RSSP (Wheelock SBL2-R)	47.28	12.47
	28 46 21 33-2225	EA	Red, Semi-Flush Plate (Wheelock SFB-R)	18.50	4.99
	28 46 21 33-2226	EA	White, Semi-Flush Plate (Wheelock SFB-W)	18.50	4.99
	28 46 21 33-2227	EA	Red, Shallow Surface Mounted, Backbox (Wheelock SHBB-R)	38.76	12.47
	28 46 21 33-2228	EA	White, Shallow Surface Mounted, Backbox (Wheelock SHBB-W)	38.76	12.47
	28 46 21 33-2229	EA	Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R)	25.41	4.99
	28 46 21 33-2230	EA	Red, Weatherproof Backbox (Wheelock WBB)	54.43	12.47
	28 46 21 33-2231	EA	Weather Resistant Backbox (Wheelock WBB-R)	43.83	12.47
	28 46 21 33-2232	EA	Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R)	32.32	4.99
	28 46 21 33-2233	EA	White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W)	32.32	4.99
	28 46 21 33-2234	EA	Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R)	32.32	4.99
	28 46 21 33-2235	EA	White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W)	32.32	4.99
	28 46 21 33-2236	EA	Gasket Kit For Rear Wiring To Outdoor Backbox (Wheelock WP-KIT)	18.50	4.99
	28 46 21 33-2237	EA	Weather Resistant Backbox For ASWP (Wheelock WPBB-R)	46.13	12.47
	28 46 21 33-2238	EA	Weather Resistant Backbox For RSSWP (Wheelock WPSBB-R)	43.83	12.47
28 46 21 33-2239			Manual Pull Station *(28 46 21 33-2107)*		
	28 46 21 33-2240	EA	SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100)	92.65	24.94
	28 46 21 33-2241	EA	SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200)	92.65	24.94
	28 46 21 33-2242	EA	Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X)	695.87	24.94
28 46 21 33-2243			Potter Fire Alarm *(28 46 21 17)*		
28 46 21 33-2244			Electric Alarm Bells *(28 46 21 33-2243)*		
	28 46 21 33-2245	EA	6" Alarm Bell, 12 Volt DC (Potter MBA-6-12)	96.98	37.41
	28 46 21 33-2246	EA	8" Alarm Bell, 12 Volt DC (Potter MBA-8-12)	103.98	37.41
	28 46 21 33-2247	EA	10" Alarm Bell, 12 Volt DC (Potter MBA-10-12)	107.48	37.41
	28 46 21 33-2248	EA	6" Alarm Bell, 24 Volt DC (Potter MBA-6-24)	96.98	37.41
	28 46 21 33-2249	EA	8" Alarm Bell, 24 Volt DC (Potter MBA-8-24)	103.98	37.41
	28 46 21 33-2250	EA	10" Alarm Bell, 24 Volt DC (Potter MBA-10-24)	107.48	37.41
	28 46 21 33-2251	EA	6" Alarm Bell, 24 Volt AC (Potter PBA246)	102.92	37.41
	28 46 21 33-2252	EA	8" Alarm Bell, 24 Volt AC (Potter PBA248)	106.28	37.41
	28 46 21 33-2253	EA	10" Alarm Bell, 24 Volt AC (Potter PBA2410)	126.07	37.41
	28 46 21 33-2254	EA	6" Alarm Bell, 120 Volt AC (Potter PBA1206)	97.99	37.41
	28 46 21 33-2255	EA	8" Alarm Bell, 120 Volt AC (Potter PBA1208)	106.28	37.41
	28 46 21 33-2256	EA	10" Alarm Bell, 120 Volt AC (Potter PBA12010)	113.21	37.41
28 46 21 33-2257			Manual Pull Station *(28 46 21 33-2243)*		
	28 46 21 33-2258	EA	SPST, Single Action, Manual Pull Station (Potter P32-1T)	69.72	24.94
	28 46 21 33-2259	EA	DPST, Single Action, Manual Pull Station (Potter RMS-2T)	72.89	24.94
	28 46 21 33-2260	EA	DPST, Single Action, Manual Pull Station (Potter RMS-6T)	108.67	24.94
	28 46 21 33-2261	EA	DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	74.87	24.94
	28 46 21 33-2262	EA	SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	71.52	24.94
	28 46 21 33-2263	EA	SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP)	119.86	24.94
	28 46 21 33-2264	EA	SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP)	146.56	24.94
28 46 21 33-2265			Fire Alarm Terminal Cabinets *(28 46 21 17)*		
	28 46 21 33-2266	EA	18 Point Lockable Fire Alarm Terminal Cabinet	174.51	49.94
	28 46 21 33-2267	EA	32 Point Lockable Fire Alarm Terminal Cabinet	219.30	49.94
	28 46 21 33-2268	EA	64 Point Lockable Fire Alarm Terminal Cabinet	308.86	49.94
	28 46 21 33-2269	EA	128 Point Lockable Fire Alarm Terminal Cabinet	398.40	49.94

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 21 33-2270		Test And Certification *(28 46 21 17)*		
28 46 21 33-2271	DAY	Test And Certification For Tie Into Existing Systems	795.73	
28 46 21 33-2272	HR	Test And Certification Of Fire Alarm System	130.54	
		Note: GCC Programming and Engineering; Programming of the Fire Alarm System.		
28 47 Mass Notification *(28 40)*				
28 47 15 Mass Notification Control Panels *(28 47)*				
28 47 15 00-0001		Central Station Controls *(28 47 15)*		
28 47 15 00-0002	EA	Desktop 18 Function Base Station Control/Encoder (Whelen E747)	664.96	
28 47 15 00-0003	EA	Desktop 35 Function Base Station Control/Encoder (Whelen E969)	1,079.61	
28 47 15 00-0004	EA	Desktop Central Station Control Encoder/Decoder (Whelen E2010)	2,599.98	
28 47 15 00-0005	EA	Siren Status Printer And Cable Option For E2010 (Whelen E2010P)	823.88	24.94
28 47 15 00-0006	EA	Rack Mounted Central Station Control Encoder/Decoder (Whelen E2010R)	2,998.48	24.94
28 47 15 00-0007	EA	Internal Option To Convert E2010 To FSK Format (Whelen E2010FSK)	464.52	24.94
28 47 15 00-0008	EA	Option To Convert Activation Controls To FSK Format (Whelen FSKCEO)	593.52	24.94
28 47 17 Notification Devices and Methods *(28 47)*				
28 47 17 17 Notification Appliances and Methods Public Methods *(28 47 17)*				
28 47 17 17-0001		Voice Capable Omni-Directional Speakers *(28 47 17 17)*		
28 47 17 17-0002	EA	1 Cell, 109 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2901A)	8,422.16	631.23
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0003	EA	2 Cells, 115 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2902A)	10,190.52	658.68
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0004	EA	3 Cells, 119 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2903A)	11,958.89	686.13
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0005	EA	4 Cells, 121 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2904A)	13,727.26	713.57
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0006	EA	5 Cells, 123 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2905A)	15,472.60	741.01
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0007	EA	6 Cells, 125 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2906A)	18,899.56	768.46
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0008	EA	7 Cells, 126 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2907A)	20,667.94	795.90
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0009	EA	8 Cells, 127 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2908A)	22,574.53	823.35
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0010	EA	9 Cells, 128 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2909A)	24,365.94	850.79
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0011	EA	10 Cells, 129 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2910A)	26,134.31	878.24
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0012	EA	3 Cells, 127 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4003)	18,577.06	768.46
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0013	EA	4 Cells, 129 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4004)	19,769.54	795.90
		Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.		
28 47 17 17-0014	EA	One-Way Control, 10 Digit DTMF Landline (Whelen D2030LL)	404.62	24.94
28 47 17 17-0015	EA	VHF High-Band Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NV)	1,321.46	24.94
28 47 17 17-0016	EA	UHF Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NU)	1,362.92	24.94
28 47 17 17-0017	EA	UHF Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WU)	1,362.92	24.94
28 47 17 17-0018	EA	VHF High-Band Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WV)	1,321.46	24.94
28 47 17 17-0019	EA	Two-Tone Sequential Option (Whelen WPSTT)	326.30	24.94
28 47 17 17-0020	EA	Full Function Auxiliary/Status Board For Contact Closure Activation (Two Way) (Whelen AUXCS)	469.13	24.94
28 47 17 17-0021	EA	Landline, 10 Digit DTMF (Whelen C2030LL)	496.77	24.94
28 47 17 17-0022	EA	VHF High-Band Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NV)	1,643.96	24.94
28 47 17 17-0023	EA	UHF Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NU)	1,643.96	24.94
28 47 17 17-0024	EA	UHF Wide-Band, 10 Digit DTMF (Whelen C2030WU)	1,643.96	24.94
28 47 17 17-0025	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen C2030WV)	1,643.96	24.94
28 47 17 17-0026	EA	Option To Convert WPS Activation Controls To FSK Format (Whelen FSKXMOD)	593.52	24.94
28 47 17 17-0027	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	349.34	24.94
28 47 17 17-0028	EA	Paging Interface Whelen Tones With Existing In-Plant Systems (Whelen PGINT)	307.87	24.94
28 47 17 17-0029	EA	Intrusion Alarm (Whelen INTRUWPS)	234.16	24.94
28 47 17 17-0030	EA	Custom Pre-Recorded Messages (One Time Set-Up Charge Per Message) (Whelen MSGPROG)	161.25	
28 47 17 17-0031	EA	Whelen Library Messages (Whelen MSGPROGL)	32.25	
28 47 17 17-0032	EA	Noise Cancelling Microphone Includes Local Microphone Input Harness (Whelen WPSNCMIC)	128.19	24.94
28 47 17 17-0033	EA	One Pair Of Whelen Approved Batteries (Whelen WPSBATT)	632.28	37.41
28 47 17 17-0034	EA	WPS And OA Series, Roof Top Mounted (Whelen RTM)	7,759.51	603.79
28 47 17 17-0035	EA	Two 80 Watt Panels, Solar Power System (Whelen SBC280)	3,063.58	149.63
		Note: Includes mounting bracket and regulator.		
28 47 17 17-0036	EA	Amber, 6 LED Lights For The Base Of WPS Series (Whelen VALERTA)	1,549.11	37.41
28 47 17 17-0037	EA	Blue, 6 LED Lights For The Base Of WPS Series (Whelen VALERTB)	1,549.11	37.41
28 47 17 17-0038	EA	Clear, 6 LED Lights For The Base Of WPS Series (Whelen VALERTC)	1,549.11	37.41
28 47 17 17-0039	EA	Green, 6 LED Lights For The Base Of WPS Series (Whelen VALERTG)	1,549.11	37.41
28 47 17 17-0040	EA	Red, 6 LED Lights For The Base Of WPS Series Products (Whelen VALERTR)	1,549.11	37.41
28 47 17 17-0041	EA	Amber, 24 VDC, LED, Beacon (Whelen L31HAF4)	587.13	37.41
28 47 17 17-0042	EA	Blue, 24 VDC, LED, Beacon (Whelen L31HBF4)	587.13	37.41
28 47 17 17-0043	EA	Red, 24 VDC, LED, Beacon (Whelen L31HRF4)	587.13	37.41
28 47 17 17-0044	EA	Amber, 24 VDC, Strobe (Whelen ISB24A)	475.64	37.41
28 47 17 17-0045	EA	Blue, 24 VDC, Strobe (Whelen ISB24B)	475.64	37.41
28 47 17 17-0046	EA	Clear, 24 VDC, Strobe (Whelen ISB24C)	475.64	37.41
28 47 17 17-0047	EA	Green, 24 VDC, Strobe (Whelen ISB24G)	475.64	37.41
28 47 17 17-0048	EA	Red, 24 VDC, Strobe (Whelen ISB24R)	475.64	37.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0049	EA	Strobe/LED Controller With Mounting Plate, Hardware And Harnessing For ISB24 (Whelen SCWPS)	602.73	24.94
28 47 17 17-0050	EA	Strobe Controller (Whelen STCTRL)	501.38	24.94
28 47 17 17-0051	EA	LED Controller (Whelen LEDCTRL)	501.38	24.94
28 47 17 17-0052	EA	Replacement Speaker Driver Handle/Plate Assembly Only (Less Speaker Driver) (Whelen EZ-PULL)	259.10	37.41
28 47 17 17-0053	EA	Siren Diagnostic and Programming Software In CD Format (Whelen SDPTS)	429.86	
28 47 17 17-0054	EA	400 Watt Speaker Driver (Whelen SPKDRV)	694.88	24.94
28 47 17 17-0055	EA	Cabinet Window LED Status Indicator (Whelen STATUS)	349.34	24.94
28 47 17 17-0056	EA	Noise Cancelling Microphone Option For Encoder (Whelen WPSMIC)	128.19	24.94
28 47 17 17-0057	EA	Notifier/Whelen Interface Board (Whelen NAUXCS)	625.77	24.94

28 47 17 17-0058 Tone Only, Omni-Alert Sirens *(28 47 17 17)*

28 47 17 17-0059	EA	One Cell, Tone Only, Omni-Alert Siren (Whelen OA1) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	7,437.01	603.79
28 47 17 17-0060	EA	Two Cell, Tone Only, Omni-Alert Siren (Whelen OA2) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	9,071.77	631.23
28 47 17 17-0061	EA	Three Cell, Tone Only, Omni-Alert Siren (Whelen OA3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	10,706.52	658.68
28 47 17 17-0062	EA	Four Cell, Tone Only, Omni-Alert Siren (Whelen OA4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	12,345.89	686.13
28 47 17 17-0063	EA	One Way Controls, Auxiliary Board For Contact Closure Activation (Whelen OAUXIN)	220.34	24.94
28 47 17 17-0064	EA	One Way Landline Activation, 10 Digit DTMF (Whelen OD2030LL)	404.62	24.94
28 47 17 17-0065	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OD230NV)	1,321.46	24.94
28 47 17 17-0066	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OD230NU)	1,362.92	24.94
28 47 17 17-0067	EA	UHF Wide-Band, 10 Digit DTMF (Whelen OD230WU)	1,362.92	24.94
28 47 17 17-0068	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen OD230WV)	1,321.46	24.94
28 47 17 17-0069	EA	One-Way Control Two-Tone Sequential Option (Whelen OTT)	326.30	24.94
28 47 17 17-0070	EA	Two Way Controls, Contact Closure Activation Board (Whelen OAUXCS)	469.13	24.94
28 47 17 17-0071	EA	Two Way Landline Activation (Whelen OC2030LL)	496.77	24.94
28 47 17 17-0072	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen OC230NV)	1,643.96	24.94
28 47 17 17-0073	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen OC230NU)	1,643.96	24.94
28 47 17 17-0074	EA	UHF, 10 Digit DTMF (Whelen OC230WU)	1,643.96	24.94
28 47 17 17-0075	EA	VHF High Band, 10 Digit DTMF (Whelen OC230WV)	1,643.96	24.94
28 47 17 17-0076	EA	Converts The Omni-Alert Siren Activation Controls To FSK Format (Whelen OFSKXMOD)	593.52	24.94
28 47 17 17-0077	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen OPGINT)	307.87	24.94
28 47 17 17-0078	EA	Cabinet Window LED Status Indicator (Whelen OSTATUS)	349.34	24.94
28 47 17 17-0079	EA	Intrusion Alarm (Whelen OINTRU)	188.09	24.94
28 47 17 17-0080	EA	80 Watt Solar Power Option (Whelen OSBC280)	3,063.58	149.63
28 47 17 17-0081	EA	One Pair Of Whelen Approved Batteries For Omnialert (Whelen BSETO)	572.39	37.41

28 47 17 17-0082 Tone-Only Rotating Directional Speakers *(28 47 17 17)*

28 47 17 17-0083	EA	3 Cells, 127 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR3) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	14,418.34	713.57
28 47 17 17-0084	EA	4 Cells, 129 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR4) Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	15,403.49	741.01
28 47 17 17-0085	EA	Limited Function Auxiliary Board For Contact Closure Activation (Whelen VAUXIN)	220.34	24.94
28 47 17 17-0086	EA	Landline, 10 Digit DTMF (Whelen VD2030LL)	404.62	24.94
28 47 17 17-0087	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VD230NV)	1,321.46	24.94
28 47 17 17-0088	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VD230NU)	1,362.92	24.94
28 47 17 17-0089	EA	UHF Wide-Band, 10 Digit DTMF (Whelen VD230WU)	1,362.92	24.94
28 47 17 17-0090	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen VD230WV)	1,321.46	24.94
28 47 17 17-0091	EA	Two-Tone Sequential Option (Order One-Way Control Option, Above, VD2020LI, VD2020H, VD2020U) (Whelen VORTT)	326.30	24.94
28 47 17 17-0092	EA	Full Function Auxiliary/Status Control Board For Contact Closure Activation (Whelen VAUXCS)	469.13	24.94
28 47 17 17-0093	EA	Landline, 10 Digit DTMF (Whelen VC2030LL)	496.77	24.94
28 47 17 17-0094	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen VC230NV)	1,643.96	24.94
28 47 17 17-0095	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen VC230NU)	1,643.96	24.94
28 47 17 17-0096	EA	UHF, 10 Digit DTMF (Whelen VC230WU)	1,643.96	24.94
28 47 17 17-0097	EA	VHF High Band, 10 Digit DTMF (Whelen VC230WV)	1,643.96	24.94
28 47 17 17-0098	EA	Option To Convert The Vortex Activation Controls To FSK Format (Whelen VFSKXMOD)	593.52	24.94
28 47 17 17-0099	EA	Cabinet Window LED Status Indicator (Whelen VSTATUS)	349.34	24.94
28 47 17 17-0100	EA	Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen VPGINT)	307.87	24.94
28 47 17 17-0101	EA	Vortex Intrusion Alarm (Whelen VINTRU)	188.09	24.94
28 47 17 17-0102	EA	Speaker Pole Top Bracket (Whelen VPTB)	478.34	24.94
28 47 17 17-0103	EA	80 Watt Solar Power Option (Whelen VSBC280)	3,063.58	149.63
28 47 17 17-0104	EA	One Pair Of Whelen Approved Batteries For Vortex Series (Whelen BSETVOR)	572.39	37.41
28 47 17 17-0105	EA	Program Charge For Custom VROM Message (Whelen VPROG)	2,053.89	

28 47 17 17-0106 Uni-Directional Rotating Speakers *(28 47 17 17)*

28 47 17 17-0107	EA	118 dB, Uni-Directional Rotating Speaker (Whelen HORNET)	9,712.17	631.23
28 47 17 17-0108	EA	One Way Contact Closure Activation Control Board (Whelen HAUXIN)	220.34	24.94
28 47 17 17-0109	EA	Landline, One Way Control, 10 Digit DTMF (Whelen HD2030LL)	404.62	24.94
28 47 17 17-0110	EA	VHF High-Narrow Band, One Way Control, 10 Digit DTMF (Whelen HD230NV)	1,321.46	24.94
28 47 17 17-0111	EA	UHF Narrow-Band, One Way Control, 10 Digit DTMF (Whelen HD230NU)	1,362.92	24.94
28 47 17 17-0112	EA	UHF Wide-Band, One Way Control, 10 Digit DTMF (Whelen HD230WU)	1,362.92	24.94
28 47 17 17-0113	EA	VHF High-Wide Band, One Way Control, 10 Digit DTMF (Whelen HD230WV)	1,321.46	24.94
28 47 17 17-0114	EA	Two-Tone Sequential Option For Hornet (Whelen HORTT)	326.30	24.94
28 47 17 17-0115	EA	Two Way Contact Closure Activation And Status Control Board (Whelen HAUXCS)	469.13	24.94
28 47 17 17-0116	EA	Landline, Two Way Control, 10 Digit DTMF (Whelen HC2030LL)	496.77	24.94
28 47 17 17-0117	EA	VHF High-Narrow Band, Two Way Control, 10 Digit DTMF (Whelen HC230NV)	1,643.96	24.94
28 47 17 17-0118	EA	UHF Narrow-Band, Two Way Control, 10 Digit DTMF (Whelen HC230NU)	1,643.96	24.94
28 47 17 17-0119	EA	UHF, Two Way Control, 10 Digit DTMF (Whelen HC230WU)	1,643.96	24.94
28 47 17 17-0120	EA	VHF High Band, Two Way Control, 10 Digit DTMF (Whelen HC230WV)	1,643.96	24.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0121	EA	Converts Siren Activation Controls To FSK Format (Whelen HFSKXMOD)	593.52	24.94
28 47 17 17-0122	EA	LED Status Indicator (Whelen HSTATUS)	349.34	24.94
28 47 17 17-0123	EA	Option For Paging Interface (Whelen HPGINT)	307.87	24.94
28 47 17 17-0124	EA	Intrusion Alarm (Whelen HINTRU)	188.09	24.94
28 47 17 17-0125	EA	Solar Power Option (Whelen HSBC280)	3,063.58	149.63
28 47 17 17-0126	EA	Pole Top Bracket For Speaker (Whelen HPTB)	478.34	24.94
28 47 17 17-0127	EA	One Pair Of Whelen Approved Batteries (Whelen BSETF)	572.39	37.41
28 47 17 17-0128		**All Hazard In-Plant Personnel Warning System** *(28 47 17 17)*		
28 47 17 17-0129	EA	400 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS400)	5,189.65	798.01
28 47 17 17-0130	EA	800 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS800)	6,273.73	897.77
28 47 17 17-0131	EA	15 Watt, Wide Angle Speaker (Whelen WS15T)	282.13	37.41
28 47 17 17-0132	EA	Recess Mounted, 15 Watt Speaker (Whelen WS15TR)	231.45	37.41
28 47 17 17-0133	EA	With Grill, Recess Mounted, 15 Watt Speaker (Whelen WS15TEN)	438.78	37.41
28 47 17 17-0134	EA	30 Watt, Wide Angle Speaker (Whelen WS30T)	346.63	37.41
28 47 17 17-0135	EA	60 Watt, Wide Angle Speaker (Whelen WS60T)	706.00	37.41
28 47 17 17-0136	EA	Explosion-Proof, 60 Watt, Wide Angle Speaker (Whelen WSXPL6T)	1,079.95	42.40
28 47 17 17-0137	EA	100 Watt, Wide Angle Speaker (Whelen WS100)	494.07	37.41
28 47 17 17-0138	EA	Weatherproof Housing, 100 Watt, Wide Angle Speaker (Whelen WS100TCH)	748.23	42.40
28 47 17 17-0139	EA	Intrusion Alarm For Whelen Outdoor Speaker Cabinets (Whelen INTRU)	234.16	24.94
28 47 17 17-0140		**Firehouse Siren** *(28 47 17 17)*		
28 47 17 17-0141	EA	Auxiliary Board Contact Closure (Whelen FAUXIN)	220.34	24.94
28 47 17 17-0142	EA	Two-Tone Sequential Option (Whelen FTT)	326.30	24.94
28 47 17 17-0143	EA	Auxiliary/Status Control Board (Whelen FAUXCS)	469.13	24.94
28 47 17 17-0144	EA	Landline, 10 Digit DTMF (Whelen FC2030LL)	496.77	24.94
28 47 17 17-0145	EA	VHF High-Narrow Band, 10 Digit DTMF (Whelen FC230NV)	1,643.96	24.94
28 47 17 17-0146	EA	UHF Narrow-Band, 10 Digit DTMF (Whelen FC230NU)	1,643.96	24.94
28 47 17 17-0147	EA	UHF, 10 Digit DTMF (Whelen FC230WU)	1,643.96	24.94
28 47 17 17-0148	EA	VHF High Band, 10 Digit DTMF (Whelen FC230WV)	1,643.96	24.94
28 47 17 17-0149	EA	Paging Interface Control Option (Whelen FPGINT)	307.87	24.94
28 47 17 17-0150	EA	Intrusion Alarm Control Option (Whelen FINTRU)	188.09	24.94
28 47 17 17-0151	EA	Solar Power Option (Whelen FSBC280) Note: Two 80 watt panels, with brackets and solar regulator.	3,063.58	149.63
28 47 17 17-0152		**Alert Monitor And Message Display** *(28 47 17 17)*		
28 47 17 17-0153	EA	Alert Monitor With Radio Receiver VHF High Band (Whelen V2000H)	1,210.88	24.94
28 47 17 17-0154	EA	Alert Monitor VHF High-Narrow Band (Whelen V2000NH)	1,210.88	24.94
28 47 17 17-0155	EA	Alert Monitor UHF Narrow-Band (Whelen V2000NU)	1,210.88	24.94
28 47 17 17-0156	EA	Alert Monitor With Radio Receiver UHF (Whelen V2000U)	1,210.88	24.94
28 47 17 17-0157	EA	Internal Battery And Charger For VA2000 Series (Whelen VA2BATT)	199.20	37.41
28 47 17 17-0158	EA	Mounting Bracket For Under Cabinet Or Vehicle Mounting - VA2000 Series (Whelen VA2MTG)	59.08	24.94
28 47 17 17-0159	EA	Factory Programming Of 1 To 15 VA2000 Display Messages (Whelen VA2PROGA)	101.36	
28 47 17 17-0160	EA	Factory Programming Of 16 To 45 VA2000 Display Messages (Whelen VA2PROGB)	161.25	
28 47 17 17-0161		**Portable Test Set** *(28 47 17 17)*		
28 47 17 17-0162	EA	VHF High Band, Portable Test Set (Whelen PT2010H)	5,528.64	
28 47 17 17-0163	EA	VHF Low Band, Portable Test Set (Whelen PT2010L)	5,528.64	
28 47 17 17-0164	EA	UHF, Portable Test Set (Whelen PT2010U)	5,528.64	
28 47 17 17-0165		**Replacement Warning Lights** *(28 47 17 17)*		
28 47 17 17-0166	EA	Amber, Incandescent, 24 VDC, Industrial Rotating Warning Light (Whelen IR3024IA)	310.16	39.90
28 47 17 17-0167	EA	Blue, Incandescent, 24 VDC, Industrial Rotating Warning Light (Whelen IR3024IB)	310.16	39.90
28 47 17 17-0168	EA	Clear, Incandescent, 24 VDC, Industrial Rotating Warning Light (Whelen IR3024IC)	310.16	39.90
28 47 17 17-0169	EA	Green, Incandescent, 24 VDC, Industrial Rotating Warning Light (Whelen IR3024IG)	310.16	39.90
28 47 17 17-0170	EA	Red, Incandescent, 24 VDC, Industrial Rotating Warning Light (Whelen IR3024IR)	310.16	39.90
28 47 17 17-0171	EA	Amber, Incandescent, 120 VAC, Industrial Rotating Warning Light (Whelen IR3120IA)	218.02	39.90
28 47 17 17-0172	EA	Blue, Incandescent, 120 VAC, Industrial Rotating Warning Light (Whelen IR3120IB)	218.02	39.90
28 47 17 17-0173	EA	Clear, Incandescent, 120 VAC, Industrial Rotating Warning Light (Whelen IR3120IC)	218.02	39.90
28 47 17 17-0174	EA	Green, Incandescent, 120 VAC, Industrial Rotating Warning Light (Whelen IR3120IG)	218.02	39.90
28 47 17 17-0175	EA	Red, Incandescent, 120 VAC, Industrial Rotating Warning Light (Whelen IR3120IR)	218.02	39.90
28 47 17 17-0176	EA	Amber, Halogen, 24 VDC, Industrial Rotating Warning Light (Whelen IR3024HA)	310.16	39.90
28 47 17 17-0177	EA	Blue, Halogen, 24 VDC, Industrial Rotating Warning Light (Whelen IR3024HB)	310.16	39.90
28 47 17 17-0178	EA	Clear, Halogen, 24 VDC, Industrial Rotating Warning Light (Whelen IR3024HC)	310.16	39.90
28 47 17 17-0179	EA	Green, Halogen, 24 VDC, Industrial Rotating Warning Light (Whelen IR3024HG)	310.16	39.90
28 47 17 17-0180	EA	Red, Halogen, 24 VDC, Industrial Rotating Warning Light (Whelen IR3024HR)	310.16	39.90
28 47 17 17-0181	EA	Amber, Halogen, 120 VAC, Industrial Rotating Warning Light (Whelen IR3120HA)	227.23	39.90
28 47 17 17-0182	EA	Blue, Halogen, 120 VAC, Industrial Rotating Warning Light (Whelen IR3120HB)	227.23	39.90
28 47 17 17-0183	EA	Clear, Halogen, 120 VAC, Industrial Rotating Warning Light (Whelen IR3120HC)	227.23	39.90
28 47 17 17-0184	EA	Green, Halogen, 120 VAC, Industrial Rotating Warning Light (Whelen IR3120HG)	227.23	39.90
28 47 17 17-0185	EA	Red, Halogen, 120 VAC, Industrial Rotating Warning Light (Whelen IR3120HR)	227.23	39.90
28 47 17 17-0186		**Antenna** *(28 47 17 17)*		
28 47 17 17-0187	EA	50' Antenna Cable (Honeywell Ademco 7626-50HC)	187.37	
28 47 17 17-0188	EA	External/Remote Weatherproof Antenna (Honeywell Ademco GSM-ANT3DB)	186.58	
28 47 17 17-0189	EA	80GHz Millimeter Wave Radio (BridgeWave Flex4G-1000)	8,668.58	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 49 Electronic Personal Protection Systems *(28 40)*

28 49 11 Electronic Personal Safety Detection Systems *(28 49)*

28 49 11 00-0001 Personnel Alarm Locating System *(28 49 11)*
Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.

28 49 11 00-0002	EA	Personnel Alarm Locating System Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.	14,023.78	800.41
28 49 11 00-0003	EA	Personnel Alarm Transmitters With Lithium Batteries	107.67	
28 49 11 00-0004	EA	Lapel Reader	41.41	
28 49 11 00-0005	EA	IR Locator	167.58	29.97
28 49 11 00-0006	EA	Repeaters And Receivers	423.39	99.89

28 49 17 Electronic Personal Safety Emergency Aid Devices *(28 49)*

28 49 17 00-0001 Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) *(28 49 17)*

28 49 17 00-0002 Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0003	EA	Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	229.46	59.93
28 49 17 00-0004	EA	Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	271.61	69.93
28 49 17 00-0005	EA	Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	273.35	69.93

28 49 17 00-0006 Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0007	EA	High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	165.25	37.46
28 49 17 00-0008	EA	High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	157.39	29.97
28 49 17 00-0009	EA	Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	81.79	29.97
28 49 17 00-0010	EA	1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	130.55	29.97
28 49 17 00-0011	EA	2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	147.98	29.97
28 49 17 00-0012	EA	4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	166.07	29.97
28 49 17 00-0013	EA	2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2)	224.22	29.97
28 49 17 00-0014	EA	4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4)	249.24	29.97

28 49 17 00-0015 Call Activation Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537)	103.67	29.97
28 49 17 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E)	145.22	29.97
28 49 17 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E)	185.34	29.97
28 49 17 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302)	186.60	9.99
28 49 17 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930)	148.93	29.97
28 49 17 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L)	172.92	29.97
28 49 17 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	282.26	29.97
28 49 17 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	142.33	29.97
28 49 17 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	158.56	9.99
28 49 17 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	242.30	9.99
28 49 17 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	247.45	9.99
28 49 17 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	324.34	9.99

END OF SECTION 28

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 Earthwork

31 05 Common Work Results For Earthwork *(31)*

31 05 13 Soils For Earthwork *(31 05)*

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 05 13 00-0001 Fill Material (Loose, Purchased Material) *(31 05 13)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 05 13 00-0002	CY	Bank Run/Fill Sand	29.40
		For Up To 8, Add	*5.88*
		For >8 To 16, Add	*2.94*
		For >48 To 64, Deduct	*-2.13*
		For >64 To 96, Deduct	*-3.60*
		For >96, Deduct	*-5.07*
31 05 13 00-0003	CY	Screened/Washed Filter/Septic Sand	35.02
		For Up To 8, Add	*7.00*
		For >8 To 16, Add	*3.50*
		For >48 To 64, Deduct	*-2.41*
		For >64 To 96, Deduct	*-4.16*
		For >96, Deduct	*-5.91*
31 05 13 00-0004	CY	3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	48.49
		For Up To 8, Add	*9.70*
		For >8 To 16, Add	*4.85*
		For >48 To 64, Deduct	*-3.08*
		For >64 To 96, Deduct	*-5.51*
		For >96, Deduct	*-7.93*
31 05 13 00-0005	CY	3/16" Minus, Screened/Washed Concrete Sand	43.44
		For Up To 8, Add	*8.69*
		For >8 To 16, Add	*4.34*
		For >48 To 64, Deduct	*-2.83*
		For >64 To 96, Deduct	*-5.00*
		For >96, Deduct	*-7.17*
31 05 13 00-0006	CY	3/32" Minus, Screened/Washed Masonry/Mortar Sand	78.25
		For Up To 8, Add	*15.65*
		For >8 To 16, Add	*7.83*
		For >48 To 64, Deduct	*-4.57*
		For >64 To 96, Deduct	*-8.48*
		For >96, Deduct	*-12.39*
31 05 13 00-0007	CY	Native Soil/Dirt - Common Fill	36.70
		For Up To 8, Add	*7.34*
		For >8 To 16, Add	*3.67*
		For >48 To 64, Deduct	*-2.49*
		For >64 To 96, Deduct	*-4.33*
		For >96, Deduct	*-6.16*
31 05 13 00-0008	CY	Crushed Lime Rock Maximum 3-1/2"	33.17
		For Up To 8, Add	*6.63*
		For >8 To 16, Add	*3.32*
		For >48 To 64, Deduct	*-2.31*
		For >64 To 96, Deduct	*-3.97*
		For >96, Deduct	*-5.63*
31 05 13 00-0009	CY	Asphalt Sand	33.27
		For Up To 8, Add	*6.65*
		For >8 To 16, Add	*3.33*
		For >48 To 64, Deduct	*-2.32*
		For >64 To 96, Deduct	*-3.98*
		For >96, Deduct	*-5.65*
31 05 13 00-0010	CY	Sand/Clay	34.66
		For Up To 8, Add	*6.93*
		For >8 To 16, Add	*3.47*
		For >48 To 64, Deduct	*-2.39*
		For >64 To 96, Deduct	*-4.12*
		For >96, Deduct	*-5.86*
31 05 13 00-0011	CY	Recycled Concrete Aggregate	29.68
		For Up To 8, Add	*5.94*
		For >8 To 16, Add	*2.97*
		For >48 To 64, Deduct	*-2.14*
		For >64 To 96, Deduct	*-3.62*
		For >96, Deduct	*-5.11*
31 05 13 00-0012	CY	Sand Fill, Washed Aggregate	46.13
		For Up To 8, Add	*9.23*
		For >8 To 16, Add	*4.61*
		For >48 To 64, Deduct	*-2.96*
		For >64 To 96, Deduct	*-5.27*
		For >96, Deduct	*-7.58*
31 05 13 00-0013	CY	Pond Sand	22.51
		For Up To 8, Add	*4.50*
		For >8 To 16, Add	*2.25*
		For >48 To 64, Deduct	*-1.78*
		For >64 To 96, Deduct	*-2.91*
		For >96, Deduct	*-4.03*

31 05 16 Aggregates For Earthwork *(31 05)*

See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 05 16 00-0001 Aggregate (Loose, Purchased Material) *(31 05 16)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 05 16 00-0002	CY	#2 Stone Aggregate Fill (1-1/2" To 2-1/2")	44.56	
		For Up To 8, Add	*8.91*	
		For >8 To 16, Add	*4.46*	
		For >48 To 64, Deduct	*-2.88*	
		For >64 To 96, Deduct	*-5.11*	
		For >96, Deduct	*-7.34*	
31 05 16 00-0003	CY	#3 Stone Aggregate Fill (3/4" To 2")	46.41	
		For Up To 8, Add	*9.28*	
		For >8 To 16, Add	*4.64*	
		For >48 To 64, Deduct	*-2.98*	
		For >64 To 96, Deduct	*-5.30*	
		For >96, Deduct	*-7.62*	
31 05 16 00-0004	CY	#4 Stone Aggregate Fill (3/4" To 1-1/2")	44.56	
		For Up To 8, Add	*8.91*	
		For >8 To 16, Add	*4.46*	
		For >48 To 64, Deduct	*-2.88*	
		For >64 To 96, Deduct	*-5.11*	
		For >96, Deduct	*-7.34*	
31 05 16 00-0005	CY	#5 Stone Aggregate Fill (1/2" To 1")	47.74	
		For Up To 8, Add	*9.55*	
		For >8 To 16, Add	*4.77*	
		For >48 To 64, Deduct	*-3.04*	
		For >64 To 96, Deduct	*-5.43*	
		For >96, Deduct	*-7.82*	
31 05 16 00-0006	CY	#6 Stone Aggregate Fill (3/8" To 3/4")	49.62	
		For Up To 8, Add	*9.92*	
		For >8 To 16, Add	*4.96*	
		For >48 To 64, Deduct	*-3.14*	
		For >64 To 96, Deduct	*-5.62*	
		For >96, Deduct	*-8.10*	
31 05 16 00-0007	CY	#56 Stone Aggregate Fill (3/8" To 1")	48.03	
		For Up To 8, Add	*9.61*	
		For >8 To 16, Add	*4.80*	
		For >48 To 64, Deduct	*-3.06*	
		For >64 To 96, Deduct	*-5.46*	
		For >96, Deduct	*-7.86*	
31 05 16 00-0008	CY	#57 Stone Aggregate Fill (3/8" To 1")	51.30	
		For Up To 8, Add	*10.26*	
		For >8 To 16, Add	*5.13*	
		For >48 To 64, Deduct	*-3.22*	
		For >64 To 96, Deduct	*-5.79*	
		For >96, Deduct	*-8.35*	
31 05 16 00-0009	CY	#67 Or #68 Stone Aggregate Fill (3/16" To 3/4")	46.30	
		For Up To 8, Add	*9.26*	
		For >8 To 16, Add	*4.63*	
		For >48 To 64, Deduct	*-2.97*	
		For >64 To 96, Deduct	*-5.29*	
		For >96, Deduct	*-7.60*	
31 05 16 00-0010	CY	#7 Stone Aggregate Fill (3/8" To 1/2")	47.21	
		For Up To 8, Add	*9.44*	
		For >8 To 16, Add	*4.72*	
		For >48 To 64, Deduct	*-3.02*	
		For >64 To 96, Deduct	*-5.38*	
		For >96, Deduct	*-7.74*	
31 05 16 00-0011	CY	#78 Stone Aggregate Fill (3/32" To 1/2")	47.61	
		For Up To 8, Add	*9.52*	
		For >8 To 16, Add	*4.76*	
		For >48 To 64, Deduct	*-3.04*	
		For >64 To 96, Deduct	*-5.42*	
		For >96, Deduct	*-7.80*	
31 05 16 00-0012	CY	#8 Stone Aggregate Fill (3/32" To 3/8")	49.62	
		For Up To 8, Add	*9.92*	
		For >8 To 16, Add	*4.96*	
		For >48 To 64, Deduct	*-3.14*	
		For >64 To 96, Deduct	*-5.62*	
		For >96, Deduct	*-8.10*	
31 05 16 00-0013	CY	#89 Stone Aggregate Fill (1/16" To 3/8")	50.18	
		For Up To 8, Add	*10.04*	
		For >8 To 16, Add	*5.02*	
		For >48 To 64, Deduct	*-3.17*	
		For >64 To 96, Deduct	*-5.67*	
		For >96, Deduct	*-8.18*	
31 05 16 00-0014	CY	#9 Stone Aggregate Fill (3/32" To 3/16")	49.62	
		For Up To 8, Add	*9.92*	
		For >8 To 16, Add	*4.96*	
		For >48 To 64, Deduct	*-3.14*	
		For >64 To 96, Deduct	*-5.62*	
		For >96, Deduct	*-8.10*	
31 05 16 00-0015	CY	#10 Stone Aggregate Fill (1/16" To 3/16")	50.77	
		For Up To 8, Add	*10.15*	
		For >8 To 16, Add	*5.08*	
		For >48 To 64, Deduct	*-3.19*	
		For >64 To 96, Deduct	*-5.73*	
		For >96, Deduct	*-8.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0016	CY	#610 Modified Stone Aggregate Fill (1/16" To 3/4")	50.18	
		For Up To 8, Add	*10.04*	
		For >8 To 16, Add	*5.02*	
		For >48 To 64, Deduct	*-3.17*	
		For >64 To 96, Deduct	*-5.67*	
		For >96, Deduct	*-8.18*	
31 05 16 00-0017	CY	Screenings Stone Aggregate Fill (3/16" Max)	41.98	
		For Up To 8, Add	*8.40*	
		For >8 To 16, Add	*4.20*	
		For >48 To 64, Deduct	*-2.76*	
		For >64 To 96, Deduct	*-4.85*	
		For >96, Deduct	*-6.95*	
31 05 16 00-0018	CY	Over 6" To 12" Stone Aggregate Fill, Random Size	45.69	
		For Up To 8, Add	*9.14*	
		For >8 To 16, Add	*4.57*	
		For >48 To 64, Deduct	*-2.94*	
		For >64 To 96, Deduct	*-5.23*	
		For >96, Deduct	*-7.51*	
31 05 16 00-0019	CY	Over 6" To 12" Graded Stone Aggregate Fill	45.69	
		For Up To 8, Add	*9.14*	
		For >8 To 16, Add	*4.57*	
		For >48 To 64, Deduct	*-2.94*	
		For >64 To 96, Deduct	*-5.23*	
		For >96, Deduct	*-7.51*	
31 05 16 00-0020	CY	3" To 7" Surge Stone Aggregate Fill, Random Size	49.39	
		For Up To 8, Add	*9.88*	
		For >8 To 16, Add	*4.94*	
		For >48 To 64, Deduct	*-3.13*	
		For >64 To 96, Deduct	*-5.60*	
		For >96, Deduct	*-8.06*	
31 05 16 00-0021	CY	3" To 7" Surge Stone Graded Aggregate Fill	52.03	
		For Up To 8, Add	*10.41*	
		For >8 To 16, Add	*5.20*	
		For >48 To 64, Deduct	*-3.26*	
		For >64 To 96, Deduct	*-5.86*	
		For >96, Deduct	*-8.46*	
31 05 16 00-0022	CY	Crusher Run Aggregate Fill (2-1/2" Minus)	29.08	
		For Up To 8, Add	*5.82*	
		For >8 To 16, Add	*2.91*	
		For >48 To 64, Deduct	*-2.11*	
		For >64 To 96, Deduct	*-3.56*	
		For >96, Deduct	*-5.02*	
31 05 16 00-0023	CY	Crusher Run Aggregate Fill (1-1/2" Minus)	31.99	
		For Up To 8, Add	*6.40*	
		For >8 To 16, Add	*3.20*	
		For >48 To 64, Deduct	*-2.26*	
		For >64 To 96, Deduct	*-3.86*	
		For >96, Deduct	*-5.45*	
31 05 16 00-0024	CY	Crusher Run Aggregate Fill (3/4" Minus)	30.10	
		For Up To 8, Add	*6.02*	
		For >8 To 16, Add	*3.01*	
		For >48 To 64, Deduct	*-2.16*	
		For >64 To 96, Deduct	*-3.67*	
		For >96, Deduct	*-5.17*	

31 05 36 Equipment Delivery, Pickup, Mobilization And Demobilization *(31 05)*

See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing *(31)*

31 11 Clearing And Grubbing *(31 10)*

31 11 00 00-0001 Clear And Grub Roots And Stumps *(31 11)*

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip Note: Includes grub and removal of stump	6,665.21
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter	1,720.73
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip Note: Includes grub and removal of stump	7,776.08
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter	2,867.88
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip Note: Includes grub and removal of stump	8,836.45
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter	3,259.35
31 11 00 00-0008	ACR	Clearing By Machine - Light Brush Without Grub	262.00
31 11 00 00-0009	ACR	Clearing By Machine - Medium Brush Without Grub	540.16
31 11 00 00-0010	ACR	Clearing By Machine - Heavy Brush Without Grub	765.35
31 11 00 00-0011	ACR	Chipping - Light Brush	2,073.99
31 11 00 00-0012	ACR	Chipping - Medium Brush	2,666.70
31 11 00 00-0013	ACR	Chipping - Heavy Brush	3,733.72

31 11 00 00-0014 Loading Of Cleared And Grubbed Material *(31 11)*

See CSI section 01 74 19 00-0039 for hauling.

31 11 00 00-0015	CY	Machine Loading Of Cleared And Grubbed Material	9.06
31 11 00 00-0016	CY	Chute Loading Of Cleared And Grubbed Material	10.88

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 11 00 00-0017	CY	Hand Loading Of Cleared And Grubbed Material	32.19	
31 11 00 00-0018	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material	25.28	

31 13 Selective Tree And Shrub Removal And Trimming *(31 10)*

31 13 13 Selective Tree And Shrub Removal *(31 13)*

31 13 13 00-0001 Individual Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

31 13 13 00-0002	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	486.01
31 13 13 00-0003	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	729.01
31 13 13 00-0004	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	972.01
31 13 13 00-0005	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,458.01
31 13 13 00-0006	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,944.02

31 13 13 00-0007 Stump Removal *(31 13 13)*

Note: Measured by diameter of stump.

31 13 13 00-0008 Stump Removal By Machine *(31 13 13 00-0007)*

31 13 13 00-0009	EA	Up To 6" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	86.04
31 13 13 00-0010	EA	>6" To 12" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	164.91
31 13 13 00-0011	EA	>12" To 24" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	215.10
31 13 13 00-0012	EA	>24" To 36" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	322.65
31 13 13 00-0013	EA	>36" To 48" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	380.02

31 13 13 00-0014 Stump Removal By Hand *(31 13 13 00-0007)*

31 13 13 00-0015	EA	Up To 6" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	516.89
31 13 13 00-0016	EA	>6" To 12" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	646.11
31 13 13 00-0017	EA	>12" To 24" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	947.63
31 13 13 00-0018	EA	>24" To 36" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,292.22
31 13 13 00-0019	EA	>36" To 48" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,722.96

31 13 13 00-0020 Stump Grinding *(31 13 13)*

Note: Measured by diameter of stump.

31 13 13 00-0021 Stump Grinding, 18" Deep Below Surface Of Soil *(31 13 13 00-0020)*

Note: Level soil to match existing surface area.

31 13 13 00-0022	EA	Stump Grinding Up To 6" Tree	93.88
		For 24" Depth, Add	*18.78*
31 13 13 00-0023	EA	Stump Grinding >6" To 12" Tree	125.18
		For 24" Depth, Add	*25.04*
31 13 13 00-0024	EA	Stump Grinding >12" To 15" Tree	140.82
		For 24" Depth, Add	*28.16*
31 13 13 00-0025	EA	Stump Grinding >15" To 18" Tree	156.47
		For 24" Depth, Add	*31.29*
31 13 13 00-0026	EA	Stump Grinding >18" To 21" Tree	168.20
		For 24" Depth, Add	*33.64*
31 13 13 00-0027	EA	Stump Grinding >21" To 24" Tree	179.94
		For 24" Depth, Add	*35.99*
31 13 13 00-0028	EA	Stump Grinding >24" To 27" Tree	195.59
		For 24" Depth, Add	*39.12*
31 13 13 00-0029	EA	Stump Grinding >27" To 30" Tree	212.25
		For 24" Depth, Add	*42.45*
31 13 13 00-0030	EA	Stump Grinding >30" To 33" Tree	235.84
		For 24" Depth, Add	*47.17*
31 13 13 00-0031	EA	Stump Grinding >33" To 36" Tree	251.56
		For 24" Depth, Add	*50.31*
31 13 13 00-0032	EA	Stump Grinding >36" To 42" Tree	283.01
		For 24" Depth, Add	*56.60*
31 13 13 00-0033	EA	Stump Grinding >42" To 48" Tree	314.45
		For 24" Depth, Add	*62.89*

31 13 13 00-0034 Shrub Removal *(31 13 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0035	EA	Removal Of 18" To 24" Shrub, Broadleaf Evergreen	37.44	
31 13 13 00-0036	EA	Removal Of 2' To 3' Shrub, Broadleaf Evergreen	58.71	
31 13 13 00-0037	EA	Removal Of 3' To 4' Shrub, Broadleaf Evergreen	68.07	
31 13 13 00-0038	EA	Removal Of 4' To 5' Shrub, Broadleaf Evergreen	102.12	
31 13 13 00-0039	EA	Removal Of 12" To 15" Shrub, Deciduous	18.72	
31 13 13 00-0040	EA	Removal Of 18" To 24" Shrub, Deciduous	28.93	
31 13 13 00-0041	EA	Removal Of 2' To 3' Shrub, Deciduous	37.44	
31 13 13 00-0042	EA	Removal Of 3' To 4' Shrub, Deciduous	40.85	
31 13 13 00-0043	EA	Removal Of 18" To 24" Shrub, Evergreen	37.44	
31 13 13 00-0044	EA	Removal Of 24" To 30" Shrub, Evergreen	40.85	
31 13 13 00-0045	EA	Removal Of 30" To 36" Shrub, Evergreen	58.71	
31 13 13 00-0046	EA	Removal Of 36" To 42" Shrub, Evergreen	102.11	

31 13 16 Selective Tree And Shrub Trimming *(31 13)*

31 13 16 00-0001 Tree Trimming For Pole Line Construction And Maintenance *(31 13 16)*

Note: Area to be vertical cleared (to include overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.

31 13 16 00-0002	LF	Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	1.61	
31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	2.40	
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	2.82	

31 20 Earth Moving *(31)*

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less that 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 23 Excavation And Fill *(31 20)*

31 23 16 Excavation *(31 23)*

31 23 16 13 Trenching *(31 23 16)*

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 Excavation For Trenching By Machine *(31 23 16 13)*

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	8.81	
		For Excavation In Light Material (Class A), Deduct	*-1.10*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.52*	
		For Up To 20, Add	*7.05*	
		For >20 To 50, Add	*4.41*	
		For >50 To 250, Add	*2.20*	
		For >500 To 1,000, Deduct	*-1.32*	
		For >1,000, Deduct	*-2.64*	
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	5.66	
		For Excavation In Light Material (Class A), Deduct	*-0.71*	
		For Excavation In Heavy/Wet Material (Class C), Add	*2.26*	
		For Up To 20, Add	*4.53*	
		For >20 To 50, Add	*2.83*	
		For >50 To 250, Add	*1.42*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000, Deduct	*-1.70*	
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock	14.58	
		For Up To 20, Add	*11.66*	
		For >20 To 50, Add	*7.29*	
		For >50 To 250, Add	*3.65*	
		For >500 To 1,000, Deduct	*-2.19*	
		For >1,000, Deduct	*-4.37*	
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock	10.04	
		For Up To 20, Add	*8.03*	
		For >20 To 50, Add	*5.02*	
		For >50 To 250, Add	*2.51*	
		For >500 To 1,000, Deduct	*-1.51*	
		For >1,000, Deduct	*-3.01*	

31 23 16 13-0006 Direct Burial (Plowed-in) Cable Or Piping By Machine *(31 23 16 13)*

Note: Includes trench, backfill, compaction and restoration of final grade.

31 23 16 13-0007	LF	Direct Burial of Cable or Piping up to 12" Deep	1.96	
31 23 16 13-0008	LF	Direct Burial of Cable or Piping >12" to 24" Deep	2.15	
31 23 16 13-0009	LF	Direct Burial of Cable or Piping >24" to 36" Deep	3.07	
31 23 16 13-0010	LF	Direct Burial of Cable or Piping >36" to 48" Deep	3.46	

31 23 16 13-0011 Excavation For Trenching By Hand *(31 23 16 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0012	CY	Excavation For Trenching By Hand In Soil Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	106.21	
31 23 16 13-0013	CY	Excavation For Trenching By Hand In Loose Rock Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	182.20	

31 23 16 13-0014 Backfilling Or Placing Subbase For Trenches *(31 23 16 13)*

Note: With imported or stockpiled materials.

31 23 16 13-0015	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	3.23	
		For Up To 20, Add	*2.58*	
		For >20 To 50, Add	*1.62*	
		For >50 To 250, Add	*0.81*	
		For >500 To 1,000, Deduct	*-0.48*	
		For >1,000, Deduct	*-0.97*	
31 23 16 13-0016	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	29.51	

31 23 16 13-0017 Compaction Of Fill Or Subbase For Trenches *(31 23 16 13)*

Note: Includes restoration of final grade.

31 23 16 13-0018	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera	6.15	
		For Up To 20, Add	*4.92*	
		For >20 To 50, Add	*3.08*	
		For >50 To 250, Add	*1.54*	
		For >500 To 1,000, Deduct	*-0.92*	
		For >1,000, Deduct	*-1.85*	
31 23 16 13-0019	CY	Compaction of Fill or Subbase for Trenches by Hand	33.28	

31 23 16 13-0020 Loading Excess Material For Removal From Excavation For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0039 for hauling.

31 23 16 13-0021	CY	Load Excess Material by Machine for Removal from Excavation for Trenching	5.63	
		For Up To 20, Add	*4.50*	
		For >20 To 50, Add	*2.82*	
		For >50 To 250, Add	*1.41*	
		For >500 To 1,000, Deduct	*-0.84*	
		For >1,000, Deduct	*-1.69*	
31 23 16 13-0022	CY	Load Excess Material by Hand for Removal from Excavation for Trenching	77.89	

31 23 16 13-0023 Spread Excess Or Imported Material For Trenches *(31 23 16 13)*

Note: Includes hand work by laborer for clean-up.

31 23 16 13-0024	CY	Spread Excess Or Imported Material On Site With Machine	2.64	
		For Up To 20, Add	*2.11*	
		For >20 To 50, Add	*1.32*	
		For >50 To 250, Add	*0.66*	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000, Deduct	*-0.79*	

31 23 16 13-0025 Utility Chain Trencher *(31 23 16 13)*

31 23 16 13-0026 Utility Trench, Chain Trencher *(31 23 16 13-0025)*

Note: Earth left adjacent to trench.

31 23 16 13-0027	LF	4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.08	
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.16*	
		For >500, Deduct	*-0.32*	
31 23 16 13-0028	LF	4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.19	
		For >100 To 250, Deduct	*-0.08*	
		For >250 To 500, Deduct	*-0.18*	
		For >500, Deduct	*-0.36*	
31 23 16 13-0029	LF	4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.23	
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.18*	
		For >500, Deduct	*-0.37*	
31 23 16 13-0030	LF	6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.30	
		For >100 To 250, Deduct	*-0.09*	
		For >250 To 500, Deduct	*-0.20*	
		For >500, Deduct	*-0.39*	
31 23 16 13-0031	LF	6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.43	
		For >100 To 250, Deduct	*-0.10*	
		For >250 To 500, Deduct	*-0.21*	
		For >500, Deduct	*-0.43*	
31 23 16 13-0032	LF	6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.63	
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.24*	
		For >500, Deduct	*-0.49*	
31 23 16 13-0033	LF	6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	1.96	
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.29*	
		For >500, Deduct	*-0.59*	
31 23 16 13-0034	LF	8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.85	
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.28*	
		For >500, Deduct	*-0.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0035	LF	8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	2.17	
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.33*	
		For >500, Deduct	*-0.65*	
31 23 16 13-0036	LF	8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.47	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.37*	
		For >500, Deduct	*-0.74*	
31 23 16 13-0037	LF	8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.93	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.88*	

31 23 16 13-0038 Backfill Trenches With Compaction *(31 23 16 13-0025)*

31 23 16 13-0039	LF	Backfill 4" Wide, 12" Deep Trench, With Compaction	0.17	
		For >100 To 250, Deduct	*-0.01*	
		For >250 To 500, Deduct	*-0.03*	
		For >500, Deduct	*-0.05*	
31 23 16 13-0040	LF	Backfill 4" Wide, 18" Deep Trench, With Compaction	0.27	
		For >100 To 250, Deduct	*-0.02*	
		For >250 To 500, Deduct	*-0.04*	
		For >500, Deduct	*-0.08*	
31 23 16 13-0041	LF	Backfill 4" Wide, 24" Deep Trench, With Compaction	0.36	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.05*	
		For >500, Deduct	*-0.11*	
31 23 16 13-0042	LF	Backfill 6" Wide, 12" Deep Trench, With Compaction	0.27	
		For >100 To 250, Deduct	*-0.02*	
		For >250 To 500, Deduct	*-0.04*	
		For >500, Deduct	*-0.08*	
31 23 16 13-0043	LF	Backfill 6" Wide, 18" Deep Trench, With Compaction	0.36	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.05*	
		For >500, Deduct	*-0.11*	
31 23 16 13-0044	LF	Backfill 6" Wide, 24" Deep Trench, With Compaction	0.53	
		For >100 To 250, Deduct	*-0.04*	
		For >250 To 500, Deduct	*-0.08*	
		For >500, Deduct	*-0.16*	
31 23 16 13-0045	LF	Backfill 6" Wide, 36" Deep Trench, With Compaction	0.76	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.11*	
		For >500, Deduct	*-0.23*	
31 23 16 13-0046	LF	Backfill 8" Wide, 12" Deep Trench, With Compaction	0.36	
		For >100 To 250, Deduct	*-0.03*	
		For >250 To 500, Deduct	*-0.05*	
		For >500, Deduct	*-0.11*	
31 23 16 13-0047	LF	Backfill 8" Wide, 18" Deep Trench, With Compaction	0.53	
		For >100 To 250, Deduct	*-0.04*	
		For >250 To 500, Deduct	*-0.08*	
		For >500, Deduct	*-0.16*	
31 23 16 13-0048	LF	Backfill 8" Wide, 24" Deep Trench, With Compaction	0.70	
		For >100 To 250, Deduct	*-0.05*	
		For >250 To 500, Deduct	*-0.11*	
		For >500, Deduct	*-0.21*	
31 23 16 13-0049	LF	Backfill 8" Wide, 36" Deep Trench, With Compaction	1.06	
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.16*	
		For >500, Deduct	*-0.32*	

31 23 16 26 Rock Removal *(31 23 16)*

31 23 16 26-0001 Rock Breaking By Machine *(31 23 16 26)*

Note: Excludes excavation of broken-up rock.

31 23 16 26-0002	CY	Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone)	21.46	
31 23 16 26-0003	CY	Rock Breaking By Machine, Medium Metamorphic Rock (Slate)	22.90	
31 23 16 26-0004	CY	Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt)	27.18	

31 23 16 33 Bulk Excavation *(31 23 16)*

Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 36-0000 for For less than 500 CY excavation.

31 23 16 33-0001 Excavation *(31 23 16 33)*

Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.

31 23 16 33-0002	CY	Bulk Excavation by Dozer in Soil	8.28	
		For Excavation In Light Material (Class A), Deduct	*-1.04*	
		For Excavation In Heavy/Wet Material (Class C), Add	*3.31*	
		For >1,000, Deduct	*-1.24*	
31 23 16 33-0003	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil	4.56	
		For Excavation In Light Material (Class A), Deduct	*-0.57*	
		For Excavation In Heavy/Wet Material (Class C), Add	*1.82*	
		For >1,000, Deduct	*-0.68*	
31 23 16 33-0004	CY	Bulk Excavation by Dozer in Loose Rock	10.19	
		For >1,000, Deduct	*-1.53*	
31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock	5.61	
		For >1,000, Deduct	*-0.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 23 16 33-0006 Spreading, Shaping And Rough Grading *(31 23 16 33)*
Note: Imported or stockpiled material for bulk excavation.

31 23 16 33-0007 CY Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine 5.11
For >1,000, Deduct *-0.77*

31 23 16 33-0008 Cutting, Shaping and Rough Grading Of Existing Elevations *(31 23 16 33)*
Note: For bulk excavation.

31 23 16 33-0009 CY Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine 5.68
For >1,000, Deduct *-0.85*

31 23 16 33-0010 Relocating On Site Excavated Material From Excavation *(31 23 16 33)*
Note: For bulk excavation.

31 23 16 33-0011 CY Relocating On Site Excavated Material From Bulk Excavation >100' to 300' 4.55
For >1,000, Deduct *-0.68*
31 23 16 33-0012 CY Relocating On Site Excavated Material From Bulk Excavation >300' to 500' 6.81
For >1,000, Deduct *-1.02*
31 23 16 33-0013 CY Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000' 10.23
For >1,000, Deduct *-1.53*
31 23 16 33-0014 CY Relocating On Site Excavated Material From Bulk Excavation >1,000' 13.64
For >1,000, Deduct *-2.05*

31 23 16 33-0015 Finish Grading *(31 23 16 33)*
Note: For bulk excavation.

31 23 16 33-0016 SY Finish Grading for Bulk Excavation by Machine 0.56

31 23 16 33-0017 Compaction Of Fill Or Subbase, Per Lift *(31 23 16 33)*
Note: For bulk excavation. See CSI section 31 23 23 23-0001 for compaction water.

31 23 16 33-0018 SY Compaction of Fill or Subbase for Bulk Excavation by Machine 0.58
Note: Per Lift

31 23 16 33-0019 Loading Excess Material For Removal From Excavation *(31 23 16 33)*
Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0039 for hauling.

31 23 16 33-0020 CY Loading Excess Material For Removal From Bulk Excavation 4.59
For >1,000, Deduct *-0.69*

31 23 16 36 Excavation For Building Foundations And Other Structures *(31 23 16)*
Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.

31 23 16 36-0001 Excavation *(31 23 16 36)*
Note: For building foundations and other structures by machine. Includes stockpiling excess materials within 100' of point of excavation, shaping, trimming and rough grading excavation.

31 23 16 36-0002 Excavation For Building Foundations And Other Structures By Skid-Steer Loader *(31 23 16 36-0001)*

31 23 16 36-0003 CY Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil 7.50
For Excavation In Light Material (Class A), Deduct *-0.94*
For Excavation In Heavy/Wet Material (Class C), Add *3.00*
For Up To 20, Add *7.50*
For >20 To 50, Add *5.63*
For >50 To 250, Add *3.00*
For >250 To 500, Add *1.13*
31 23 16 36-0004 CY Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock 9.36
For Up To 20, Add *9.36*
For >20 To 50, Add *7.02*
For >50 To 250, Add *3.74*
For >250 To 500, Add *1.40*

31 23 16 36-0005 Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader *(31 23 16 36-0001)*

31 23 16 36-0006 CY Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil 5.47
For Excavation In Light Material (Class A), Deduct *-0.68*
For Excavation In Heavy/Wet Material (Class C), Add *2.19*
For Up To 20, Add *5.47*
For >20 To 50, Add *4.10*
For >50 To 250, Add *2.19*
For >250 To 500, Add *0.82*
31 23 16 36-0007 CY Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock 6.52
For Up To 20, Add *6.52*
For >20 To 50, Add *4.89*
For >50 To 250, Add *2.61*
For >250 To 500, Add *0.98*

31 23 16 36-0008 Excavation For Building Foundations And Other Structures By Hand *(31 23 16 36-0001)*
Note: For areas not accessible by machine and only with owner's approval.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0009	CY	Excavation For Building Foundations And Other Structures By Hand in Soil	106.21	
		For Excavation In Light Material (Class A), Deduct	*-13.28*	
		For Excavation In Heavy/Wet Material (Class C), Add	*42.48*	
31 23 16 36-0010	CY	Excavation For Building Foundations And Other Structures By Hand in Loose Rock	182.20	

31 23 16 36-0011 Relocating On Site Excavated Material From Excavation *(31 23 16 36)*

Note: For building foundations and other structures over 100'.

31 23 16 36-0012	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >100' to 300'	4.55	
		For Up To 20, Add	*4.55*	
		For >20 To 50, Add	*3.41*	
		For >50 To 250, Add	*1.82*	
		For >250 To 500, Add	*0.68*	
31 23 16 36-0013	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >300' to 500'	6.81	
		For Up To 20, Add	*6.81*	
		For >20 To 50, Add	*5.11*	
		For >50 To 250, Add	*2.72*	
		For >250 To 500, Add	*1.02*	
31 23 16 36-0014	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >500' to 1,000'	10.23	
		For Up To 20, Add	*10.23*	
		For >20 To 50, Add	*7.67*	
		For >50 To 250, Add	*4.09*	
		For >250 To 500, Add	*1.53*	
31 23 16 36-0015	CY	Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >1,000'	13.64	
		For Up To 20, Add	*13.64*	
		For >20 To 50, Add	*10.23*	
		For >50 To 250, Add	*5.46*	
		For >250 To 500, Add	*2.05*	

31 23 16 36-0016 Backfilling *(31 23 16 36)*

Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.

31 23 16 36-0017	CY	Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader	3.72	
		For Up To 20, Add	*3.72*	
		For >20 To 50, Add	*2.79*	
		For >50 To 250, Add	*1.49*	
		For >250 To 500, Add	*0.56*	
31 23 16 36-0018	CY	Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader	4.24	
		For Up To 20, Add	*4.24*	
		For >20 To 50, Add	*3.18*	
		For >50 To 250, Add	*1.70*	
		For >250 To 500, Add	*0.64*	
31 23 16 36-0019	CY	Backfilling Around Building Foundations And Other Structures By Hand	50.58	

31 23 16 36-0020 Compaction Of Fill Or Subbase *(31 23 16 36)*

Note: For building foundations and other structures. See CSI section 31 23 23 23-0001 for compaction water.

31 23 16 36-0021	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera	9.76	
		For Up To 20, Add	*9.76*	
		For >20 To 50, Add	*7.32*	
		For >50 To 250, Add	*3.90*	
		For >250 To 500, Add	*1.46*	
31 23 16 36-0022	CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	33.28	

31 23 16 36-0023 Grading *(31 23 16 36)*

Note: For building foundations and other structures.

31 23 16 36-0024	SY	Rough Grading For Building Foundations And Other Structures by Machine	0.98	
31 23 16 36-0025	SY	Finish Grading For Building Foundations And Other Structures by Machine	1.58	
31 23 16 36-0026	SY	Finish Grading For Building Foundations And Other Structures by Hand	9.84	

31 23 16 36-0027 Loading Excess Material For Removal From Excavation *(31 23 16 36)*

Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0039 for hauling.

31 23 16 36-0028	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	4.78	
		For Up To 20, Add	*4.78*	
		For >20 To 50, Add	*3.59*	
		For >50 To 250, Add	*1.91*	
		For >250 To 500, Add	*0.72*	
31 23 16 36-0029	CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	77.89	

31 23 16 36-0030 Spread Material *(31 23 16 36)*

Note: For building foundations and other structures.

31 23 16 36-0031	CY	Spread Excess Or Imported Material On Site By Machine	2.64	
		For Up To 20, Add	*2.64*	
		For >20 To 50, Add	*1.98*	
		For >50 To 250, Add	*1.06*	
		For >250 To 500, Add	*0.40*	
31 23 16 36-0032	CY	Spread Excess Or Imported Material On Site By Hand	42.98	

31 23 19 Dewatering *(31 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 19 00-0001		Well Point Dewatering System *(31 23 19)*		
31 23 19 00-0002		Delivery, Installation And Removal Cost *(31 23 19 00-0001)* Note: Priced by linear foot of header used.		
31 23 19 00-0003	LF	Up To 100' In Length Well Point System Delivery, Installation And Removal	106.37	
31 23 19 00-0004	LF	>100' To 250' In Length Well Point System Delivery, Installation And Removal	58.50	
31 23 19 00-0005	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	53.19	
31 23 19 00-0006	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	47.86	
31 23 19 00-0007	LF	>500' To 1,000' In Length Well Point System Delivery, Installation And Removal	42.55	
31 23 19 00-0008	LF	>1,000' In Length Well Point System Delivery, Installation And Removal	37.23	
31 23 19 00-0009		Well Point Dewatering System Rental *(31 23 19 00-0001)* Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.		
31 23 19 00-0010	LFD	Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	1.78	
		For >5 Days And <1 Month, Deduct	*-0.39*	
		For >1 Month, Deduct	*-0.50*	
31 23 19 00-0011	LFD	>100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	1.04	
		For >5 Days And <1 Month, Deduct	*-0.23*	
		For >1 Month, Deduct	*-0.29*	
31 23 19 00-0012	LFD	>250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	0.74	
		For >5 Days And <1 Month, Deduct	*-0.16*	
		For >1 Month, Deduct	*-0.21*	
31 23 19 00-0013	LFD	>500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.54	
		For >5 Days And <1 Month, Deduct	*-0.12*	
		For >1 Month, Deduct	*-0.15*	
31 23 19 00-0014	LFD	>1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.49	
		For >5 Days And <1 Month, Deduct	*-0.11*	
		For >1 Month, Deduct	*-0.14*	
31 23 19 00-0015		Well Point Dewatering System Operation Costs *(31 23 19 00-0001)* Note: The quantity for operation shall be the total number of hours the well point system is operational.		
31 23 19 00-0016	HR	Operation Costs	98.66	
31 23 23		**Fill** *(31 23)*		
31 23 23 23		**Compaction** *(31 23 23)*		
31 23 23 23-0001		Compaction Water, Water Truck And Operator *(31 23 23 23)*		
31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator Note: Use this task in situations where fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per 1000 Gallons) See CSI section 01 22 23 00-1231 for water truck when water is available on site.	164.80	
31 23 23 33		**Flowable Fill** *(31 23 23)*		
31 23 23 33-0001		Flowable Cement Backfill For Trenches *(31 23 23 33)* Note: Includes compaction and restoration of final grade.		
31 23 23 33-0002	CY	Flowable Cement Backfill for Trenches	199.73	
		For Up To 20, Add	*72.16*	
		For >20 To 50, Add	*47.29*	
		For >50 To 250, Add	*23.65*	
		For >500 To 1,000, Deduct	*-12.44*	
		For >1,000, Deduct	*-24.87*	
31 24		Embankments *(31 20)*		
31 24 13		**Roadway Embankments** *(31 24)*		
31 24 13 00-0001		Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations *(31 24 13)* Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY. See CSI section 31 05 16 00-0000 for imported material, 32 12 16 00-0000 for asphalt paving, 32 13 13 00-0000 for concrete paving.		
31 24 13 00-0002		Cutting, Shaping And Rough Grading *(31 24 13 00-0001)* Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.		
31 24 13 00-0003		Cutting, Shaping, And Rough Grading *(31 24 13 00-0002)*		
31 24 13 00-0004	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	5.68	
		For Up To 20, Add	*5.68*	
		For >20 To 50, Add	*4.26*	
		For >50 To 250, Add	*2.27*	
		For >250 To 500, Add	*0.85*	
		For >1,000, Deduct	*-0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 24 13 00-0005	CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock	7.05	
		For Up To 20, Add	*7.05*	
		For >20 To 50, Add	*5.29*	
		For >50 To 250, Add	*2.82*	
		For >250 To 500, Add	*1.06*	
		For >1,000, Deduct	*-1.06*	

31 24 13 00-0006 Cutting, Shaping, And Rough Grading By Hand *(31 24 13 00-0002)*

31 24 13 00-0007	SY	Shape Embankment/Slope By Hand Up To 1 On 4 Slope	5.45	
31 24 13 00-0008	SY	Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	7.08	

31 24 13 00-0009 Scarify Soil *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0010	CSF	Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	5.26	
		For Up To 20, Add	*2.63*	
		For >20 To 50, Add	*1.32*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-1.05*	

31 24 13 00-0011 Relocating On Site Excavated Material *(31 24 13 00-0001)*

31 24 13 00-0012	CY	>500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	10.23	
		For Up To 20, Add	*10.23*	
		For >20 To 50, Add	*7.67*	
		For >50 To 250, Add	*4.09*	
		For >250 To 500, Add	*1.53*	
		For >1,000, Deduct	*-1.53*	
31 24 13 00-0013	CY	>1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	13.64	
		For Up To 20, Add	*13.64*	
		For >20 To 50, Add	*10.23*	
		For >50 To 250, Add	*5.46*	
		For >250 To 500, Add	*2.05*	
		For >1,000, Deduct	*-2.05*	

31 24 13 00-0014 Spread And Shape Imported Or Stockpiled Material *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments. See CSI section 31 23 16 36-0032 for spreadding material by hand.

31 24 13 00-0015	CY	Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments By Machine	6.25	
		For Up To 20, Add	*6.25*	
		For >20 To 50, Add	*4.69*	
		For >50 To 250, Add	*2.50*	
		For >250 To 500, Add	*0.94*	
		For >1,000, Deduct	*-0.94*	

31 24 13 00-0016 Grading *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine.

31 24 13 00-0017	SY	Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.63	
31 24 13 00-0018	SY	Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.85	
31 24 13 00-0019	LF	Finish Grade For Curb	0.95	
31 24 13 00-0020	LF	Finish Grade For Curb And Gutter	1.16	

31 24 13 00-0021 Compaction Of Fill Or Subbase *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine, per lift.

31 24 13 00-0022	SY	Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	0.58	
		For Up To 250, Add	*0.58*	
		For >250 To 500, Add	*0.44*	
		For >500 To 1,000, Add	*0.23*	
		For >5,000, Deduct	*-0.09*	

31 24 13 00-0023 Loading Excess Material For Removal From Excavation *(31 24 13 00-0001)*

Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.

31 24 13 00-0024	CY	Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	4.59	
		For Up To 20, Add	*4.59*	
		For >20 To 50, Add	*3.44*	
		For >50 To 250, Add	*1.84*	
		For >250 To 500, Add	*0.69*	
		For >1,000, Deduct	*-0.69*	

31 25 Erosion And Sedimentation Controls *(31 20)*

31 25 14 Stabilization Measures For Erosion And Sedimentation Control *(31 25)*

31 25 14 13 Hydraulically-Applied Erosion Control *(31 25 14)*

31 25 14 13-0001 Bonded Fiber Matrix *(31 25 14 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	42.98	
31 25 14 13-0003	MSF	>25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	38.97	
31 25 14 13-0004	MSF	>50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	35.58	
31 25 14 13-0005	MSF	>100,000 Bonded Fiber Matrix, Hydraulically Applied	33.64	

31 25 14 16 Rolled Erosion Control Mats And Blankets *(31 25 14)*

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats *(31 25 14 16)*

31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty *(31 25 14 16-0001)*

31 25 14 16-0003	SY	S75 Single Net Erosion Control Blanket Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.	1.63
31 25 14 16-0004	SY	S75BN Single Net Erosion Control Blanket Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.	1.98
31 25 14 16-0005	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Excelsior	1.57
31 25 14 16-0006	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Green.	1.63
31 25 14 16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	1.49

31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration *(31 25 14 16-0001)*

31 25 14 16-0009	SY	S150 Double Net Erosion Control Blanket Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.	2.08
31 25 14 16-0010	SY	S150 BN Double Net Erosion Control Blanket Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.	2.63
31 25 14 16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural Note: As manufactured by American Excelsior.	1.82
31 25 14 16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green Note: As manufactured by American Excelsior.	1.88
31 25 14 16-0013	SY	Enforcer Double Net Erosion Control Blanket Note: As manufactured by American Excelsior.	1.97

31 25 14 16-0014 Turf Reinforcement Mats (TRM) *(31 25 14 16-0001)*

Note: Permanent, UV stabilized.

31 25 14 16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat Note: 100% synthetic, UV stabilized, two layer netting.	9.17
31 25 14 16-0016	SY	C350 Permanent Turf Reinforcement Mat Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.	8.50
31 25 14 16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat Note: As manufactured by American Excelsior, 100% recycled	8.06

31 25 14 16-0018 Jute Mesh Erosion Control Blankets *(31 25 14 16-0001)*

31 25 14 16-0019	SY	Jute Mesh, Open Uniform Weave	1.83

31 25 14 16-0020 Revegetation Mat *(31 25 14 16-0001)*

31 25 14 16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.	6.65
31 25 14 16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.	9.44

31 25 14 23 Stabilization Measures For Erosion Control *(31 25 14)*

See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 25 14 23-0001 Floating Turbidity Curtain *(31 25 14 23)*

Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6 in. x 6 in., 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft buoyancy in saltwater.

31 25 14 23-0002	LF	3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	20.31
		For Type 1, Deduct	*-3.07*
		For 13 Oz PVC Fabric, Type 2, Deduct	*-1.87*
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*2.27*
31 25 14 23-0003	LF	4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	22.01
		For Type 1, Deduct	*-3.38*
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.06*
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*2.50*
31 25 14 23-0004	LF	5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	24.31
		For Type 1, Deduct	*-3.82*
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.33*
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*2.83*
31 25 14 23-0005	LF	6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	26.29
		For Type 1, Deduct	*-4.19*
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.55*
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.10*
31 25 14 23-0006	LF	7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	27.60
		For Type 1, Deduct	*-4.40*
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.68*
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.25*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0007	LF	8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	28.90	
		For Type 1, Deduct	*-4.60*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.80*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.40*	
31 25 14 23-0008	LF	9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	30.41	
		For Type 1, Deduct	*-4.85*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-2.95*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.58*	
31 25 14 23-0009	LF	10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	32.48	
		For Type 1, Deduct	*-5.22*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.18*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.86*	
31 25 14 23-0010	LF	12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	34.14	
		For Type 1, Deduct	*-5.48*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.34*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.05*	
31 25 14 23-0011	LF	13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	36.33	
		For Type 1, Deduct	*-5.87*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.57*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.34*	
31 25 14 23-0012	LF	14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	38.39	
		For Type 1, Deduct	*-6.22*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.79*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.60*	
31 25 14 23-0013	LF	15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	40.39	
		For Type 1, Deduct	*-6.55*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-3.98*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.84*	
31 25 14 23-0014	LF	16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	43.91	
		For Type 1, Deduct	*-7.22*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.40*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.34*	
31 25 14 23-0015	LF	17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	46.05	
		For Type 1, Deduct	*-7.57*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.61*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.59*	
31 25 14 23-0016	LF	18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	48.13	
		For Type 1, Deduct	*-7.90*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-4.81*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.84*	
31 25 14 23-0017	LF	19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	50.32	
		For Type 1, Deduct	*-8.24*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.02*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*6.09*	
31 25 14 23-0018	LF	20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	52.49	
		For Type 1, Deduct	*-8.57*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-5.22*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*6.34*	

31 25 14 23-0019 Turbidity Curtain Anchors *(31 25 14 23)*

31 25 14 23-0020	EA	14 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	535.66	
31 25 14 23-0021	EA	25 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	733.20	
31 25 14 23-0022	EA	40 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	931.60	
31 25 14 23-0023	EA	65 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,217.29	

31 25 14 23-0024 Sand Bags *(31 25 14 23)*

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0025	BAG	50 LB Capacity Sand Bag With Sand	5.32	2.24
		For >2,500 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-0.98*	
31 25 14 23-0026	BAG	75 LB Capacity Sand Bag With Sand	6.86	2.78
		For >2,500 To 5,000, Deduct	*-0.56*	
		For >5,000, Deduct	*-1.24*	
31 25 14 23-0027	BAG	100 LB Capacity Sand Bag With Sand	8.57	3.33
		For >2,500 To 5,000, Deduct	*-0.67*	
		For >5,000, Deduct	*-1.52*	
31 25 14 23-0028	BAG	125 LB Capacity Sand Bag With Sand	10.60	4.15
		For >2,500 To 5,000, Deduct	*-0.83*	
		For >5,000, Deduct	*-1.89*	
31 25 14 23-0029	BAG	150 LB Capacity Sand Bag With Sand	12.84	4.99
		For >2,500 To 5,000, Deduct	*-1.00*	
		For >5,000, Deduct	*-2.28*	
31 25 14 23-0030	BAG	175 LB Capacity Sand Bag With Sand	14.90	5.67
		For >2,500 To 5,000, Deduct	*-1.13*	
		For >5,000, Deduct	*-2.62*	
31 25 14 23-0031	BAG	2,000 LB Capacity Sand Bag With Sand	114.10	38.96
		For >2,500 To 5,000, Deduct	*-7.09*	
		For >5,000, Deduct	*-18.50*	
31 25 14 23-0032	BAG	3,000 LB Capacity Sand Bag With Sand	147.71	42.86
		For >2,500 To 5,000, Deduct	*-7.80*	

31 25 14 23-0033 Gravel Bags *(31 25 14 23)*

Note: Bags filled on site with delivered material. Includes material and placement of bags.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0034	BAG	30 LB Capacity Gravel Bag With Gravel	4.78	1.48
		For >2,500 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.77*	
31 25 14 23-0035	BAG	50 LB Capacity Gravel Bag With Gravel	8.28	2.24
		For >2,500 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-1.28*	

31 25 14 23-0036 Filter Bags *(31 25 14 23)*

31 25 14 23-0037 Non-Woven Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0038	EA	6' x 15' Non-Woven Filter Bag	147.16
31 25 14 23-0039	EA	13' x 15' Non-Woven Filter Bag	212.40
31 25 14 23-0040	EA	15' x 15' Non-Woven Filter Bag	244.86

31 25 14 23-0041 Monofilament Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0042	EA	5' x 15' Monofilament Filter Bag	152.82
31 25 14 23-0043	EA	10' x 15' Monofilament Filter Bag	210.93

31 25 14 23-0044 Cable Articulating Concrete Block *(31 25 14 23)*

Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 25 14 23-0045	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill	33.45	
		For >500 To 1,000, Add	*4.25*	
		For Up To 500, Add	*7.60*	
31 25 14 23-0046	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	38.15	
		For >500 To 1,000, Add	*4.80*	
		For Up To 500, Add	*8.62*	
31 25 14 23-0047	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	43.55	
		For >500 To 1,000, Add	*5.44*	
		For Up To 500, Add	*9.80*	
31 25 14 23-0048	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	49.06	
		For >500 To 1,000, Add	*6.11*	
		For Up To 500, Add	*11.02*	
31 25 14 23-0049	SF	4.75" Closed Cell Articulated Concrete Block	35.75	
		For >500 To 1,000, Add	*4.48*	
		For Up To 500, Add	*8.06*	
31 25 14 23-0050	SF	6" Closed Cell Articulated Concrete Block	40.91	
		For >500 To 1,000, Add	*5.08*	
		For Up To 500, Add	*9.17*	
31 25 14 23-0051	SF	7.5" Closed Cell Articulated Concrete Block	46.82	
		For >500 To 1,000, Add	*5.77*	
		For Up To 500, Add	*10.45*	
31 25 14 23-0052	SF	9" Closed Cell Articulated Concrete Block	52.79	
		For >500 To 1,000, Add	*6.49*	
		For Up To 500, Add	*11.77*	

31 25 14 26 Stabilization Measures For Sedimentation Control *(31 25 14)*

31 25 14 26-0001 Silt Fences And Dike Barriers *(31 25 14 26)*

Note: Includes stakes and embedding.

31 25 14 26-0002 Silt Fences 2' High *(31 25 14 26-0001)*

31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	2.56
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	2.00
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	1.44
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	1.25

31 25 14 26-0007 Silt Fences 3' High *(31 25 14 26-0001)*

31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	2.34
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	2.07
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	1.28
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	1.32

31 25 14 26-0012 Silt Dike Barrier *(31 25 14 26-0001)*

31 25 14 26-0013	LF	Silt Dike Barrier With Stakes	3.05

31 25 14 26-0014 Silt Fences Removal *(31 25 14 26-0001)*

31 25 14 26-0015	LF	Removal Of Silt Fence And Stakes	0.71

31 25 14 26-0016 Hay And Straw Bales *(31 25 14 26)*

Note: Includes trench for placement, and stakes.

31 25 14 26-0017	LF	Place Sterlized Straw Bales Note: Includes securing in ground with stakes.	3.99
31 25 14 26-0018	LF	Place Hay Bales Note: Includes securing in ground with stakes.	3.69
31 25 14 26-0019	LF	Removal Of Hay Or Straw Bales Note: Includes removal of stakes.	1.26

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 25 14 26-0020 Sediment Logs (Degradable) *(31 25 14 26)*

31 25 14 26-0021 Sediment Logs (Degradable) *(31 25 14 26-0020)*

Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.

31 25 14 26-0022	LF	12" Sediment Log	7.10	
31 25 14 26-0023	LF	20" Sediment Log	8.31	

31 25 14 26-0024 Wattles (Degradable) *(31 25 14 26-0020)*

Note: Includes trench for placement, 24" wood staking at 4' on-center

31 25 14 26-0025	EA	Wattles (Sterile Straw Filled Rolls), 9" x 25'	129.41	
31 25 14 26-0026	EA	Wattles (Sterile Straw Filled Rolls), 12" x 20'	122.12	

31 25 14 26-0027 Inlet Protection Sediment Bags *(31 25 14 26)*

Note: Includes removal, cleaning, and replacement per each location.

31 25 14 26-0028	EA	2' x 2' x 3' Inlet Protection Sediment Bag	44.28	
31 25 14 26-0029	EA	2' x 3' x 3' Inlet Protection Sediment Bag	54.91	
31 25 14 26-0030	EA	2' x 4' x 3' Inlet Protection Sediment Bag	67.15	

31 25 14 26-0031 Clean Sediment Logs/Wattles *(31 25 14 26)*

Note: Includes removal, cleaning, and replacement per each location.

31 25 14 26-0032	EA	Clean Sediment Logs/Wattles	70.82	

31 30 Earthwork Methods *(31)*

31 31 Soil Treatment *(31 30)*

31 31 16 Termite Control *(31 31)*

31 31 16 13 Chemical Termite Control *(31 31 16)*

31 31 16 13-0001 Commercial Use *(31 31 16 13)*

31 31 16 13-0002	SF	Termite Pretreatment, Commercial Soil Poisoning Under Slab	0.76	
31 31 16 13-0003	SF	Termite Pretreatment, Commercial Slab And Walls	0.76	

31 31 16 13-0004 Residential Use *(31 31 16 13)*

31 31 16 13-0005	SF	Termite Pretreatment, Residential General Spraying Walls And Slab	0.72	
31 31 16 13-0006	SF	Termite Treatment, Existing Residential Structure	0.99	

31 31 19 Vegetation Control *(31 31)*

31 31 19 13 Chemical Vegetation Control *(31 31 19)*

31 31 19 13-0001 Soil Sterilants *(31 31 19 13)*

31 31 19 13-0002	MSF	Soil Sterilant Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.	20.84	
		For >45 To 90, Deduct		*-0.38*
		For >90 To 225, Deduct		*-1.80*
		For >225, Deduct		*-2.56*

31 32 Soil Stabilization *(31 30)*

31 32 13 Soil Mixing Stabilization *(31 32)*

31 32 13 16 Cement Soil Stabilization *(31 32 13)*

31 32 13 16-0001 Cementitious Soil Binder *(31 32 13 16)*

31 32 13 16-0002	CY	Cementitious Soil Binder, 4% Cement Mix By Volume	31.97	
31 32 13 16-0003	CY	Cementitious Soil Binder, 6% Cement Mix By Volume	37.04	
31 32 13 16-0004	CY	Cementitious Soil Binder, 9% Cement Mix By Volume	45.39	
31 32 13 16-0005	CY	Cementitious Soil Binder, 12% Cement Mix By Volume	53.62	

31 32 13 19 Lime Soil Stabilization *(31 32 13)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 32 13 19-0001 Lime Slurry *(31 32 13 19)*

31 32 13 19-0002	LCY	Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume	28.31	
31 32 13 19-0003	TON	Cement Stabilized Base Material	114.48	
31 32 13 19-0004	CWT	Lime For Soil Stabilization Note: Excludes the cost for spreading or backfilling	18.76	
31 32 13 19-0005	LCY	Roller, Grader - Lime Stabilization	14.01	
31 32 13 19-0006	LCY	Roller, Grader - Cement Stabilization	3.27	

31 32 13 19-0007 Lime Stabilized Subgrade *(31 32 13 19)*

Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 13 19-0008	SY	6" Thick Lime Stabilized Subgrade, 25 LB	10.75	
		For 4% Lime Instead Of 5%, Deduct	*-0.33*	
		For 6% Lime Instead Of 5%, Add	*0.33*	
31 32 13 19-0009	SY	7" Thick Lime Stabilized Subgrade, 29 LB	12.48	
		For 4% Lime Instead Of 5%, Deduct	*-0.38*	
		For 6% Lime Instead Of 5%, Add	*0.38*	
31 32 13 19-0010	SY	8" Thick Lime Stabilized Subgrade, 33 LB	14.23	
		For 4% Lime Instead Of 5%, Deduct	*-0.44*	
		For 6% Lime Instead Of 5%, Add	*0.44*	

31 32 13 29 Liquid Soil Stabilization *(31 32 13)*

31 32 13 29-0001	GAL	Polyacrylamide And Calcium Solution	2.31	

31 32 19 Geosynthetic Soil Stabilization And Layer Separation *(31 32)*

31 32 19 13 Geogrid Soil Stabilization *(31 32 19)*

31 32 19 13-0001 Geogrid Fabrics *(31 32 19 13)*

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.

31 32 19 13-0002	SY	5.3 Oz/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150)	2.50	
		For Up To 50, Add	*0.59*	
		For >50 To 150, Add	*0.43*	
		For >150 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.14*	
31 32 19 13-0003	SY	6.9 Oz/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300)	2.85	
		For Up To 50, Add	*0.66*	
		For >50 To 150, Add	*0.49*	
		For >150 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.16*	
31 32 19 13-0004	SY	8.7 Oz/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500)	3.10	
		For Up To 50, Add	*0.72*	
		For >50 To 150, Add	*0.53*	
		For >150 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.17*	
31 32 19 13-0005	SY	12.6 Oz/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800)	4.42	
		For Up To 50, Add	*0.99*	
		For >50 To 150, Add	*0.73*	
		For >150 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.24*	
31 32 19 13-0006	SY	14.1 Oz/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000)	5.04	
		For Up To 50, Add	*1.11*	
		For >50 To 150, Add	*0.83*	
		For >150 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.27*	
31 32 19 13-0007	SY	4.3 Oz/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	2.54	
		For Up To 50, Add	*0.60*	
		For >50 To 150, Add	*0.44*	
		For >150 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.14*	
31 32 19 13-0008	SY	5.9 Oz/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	3.70	
		For Up To 50, Add	*0.83*	
		For >50 To 150, Add	*0.62*	
		For >150 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.20*	

31 32 19 16 Geotextile Soil Stabilization *(31 32 19)*

31 32 19 16-0001 Nonwoven Polypropylene Geotextiles *(31 32 19 16)*

Note: For drainage, filtration and separation.

31 32 19 16-0002	SY	3.0 Oz/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS)	0.79	
		For Up To 50, Add	*0.19*	
		For >50 To 150, Add	*0.14*	
		For >150 To 250, Add	*0.09*	
		For >250 To 500, Add	*0.05*	
31 32 19 16-0003	SY	3.5 Oz/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	0.84	
		For Up To 50, Add	*0.20*	
		For >50 To 150, Add	*0.15*	
		For >150 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.05*	
31 32 19 16-0004	SY	4.0 Oz/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS)	0.90	
		For Up To 50, Add	*0.21*	
		For >50 To 150, Add	*0.16*	
		For >150 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.05*	
31 32 19 16-0005	SY	4.5 Oz/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS)	0.97	
		For Up To 50, Add	*0.23*	
		For >50 To 150, Add	*0.17*	
		For >150 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0006	SY	6.0 Oz/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS)	1.14	
		For Up To 50, Add	*0.26*	
		For >50 To 150, Add	*0.19*	
		For >150 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.06*	
31 32 19 16-0007	SY	7.0 Oz/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS)	1.35	
		For Up To 50, Add	*0.31*	
		For >50 To 150, Add	*0.23*	
		For >150 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
31 32 19 16-0008	SY	8.0 Oz/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS)	1.48	
		For Up To 50, Add	*0.34*	
		For >50 To 150, Add	*0.25*	
		For >150 To 250, Add	*0.16*	
		For >250 To 500, Add	*0.08*	
31 32 19 16-0009	SY	10 Oz/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS)	1.81	
		For Up To 50, Add	*0.40*	
		For >50 To 150, Add	*0.30*	
		For >150 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.10*	

31 32 19 16-0010 Woven Geotextiles Fabric *(31 32 19 16)*

31 32 19 16-0011	SY	200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55)	1.12	
		For Up To 50, Add	*0.26*	
		For >50 To 150, Add	*0.19*	
		For >150 To 250, Add	*0.12*	
		For >250 To 500, Add	*0.06*	
31 32 19 16-0012	SY	315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)	1.55	
		For Up To 50, Add	*0.34*	
		For >50 To 150, Add	*0.25*	
		For >150 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
31 32 19 16-0013	SY	4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)	2.72	
		For Up To 50, Add	*0.59*	
		For >50 To 150, Add	*0.44*	
		For >150 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.14*	
31 32 19 16-0014	SY	11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)	2.66	
		For Up To 50, Add	*0.57*	
		For >50 To 150, Add	*0.43*	
		For >150 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.14*	
31 32 19 16-0015	SY	6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)	2.33	
		For Up To 50, Add	*0.51*	
		For >50 To 150, Add	*0.38*	
		For >150 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.12*	
31 32 19 16-0016	SY	9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)	2.48	
		For Up To 50, Add	*0.54*	
		For >50 To 150, Add	*0.40*	
		For >150 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.13*	
31 32 19 16-0017	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)	3.16	
		For Up To 50, Add	*0.67*	
		For >50 To 150, Add	*0.50*	
		For >150 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.17*	
31 32 19 16-0018	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)	4.48	
		For Up To 50, Add	*0.94*	
		For >50 To 150, Add	*0.70*	
		For >150 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.23*	

31 32 19 16-0019 Geomembranes *(31 32 19 16)*

31 32 19 16-0020 Polyvinyl Chloride (PVC) Geomembrane *(31 32 19 16-0019)*

31 32 19 16-0021	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	0.89	
31 32 19 16-0022	SF	30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.02	
31 32 19 16-0023	SF	40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.22	
31 32 19 16-0024	SF	50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.46	
31 32 19 16-0025	SF	60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.66	
31 32 19 16-0026	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.82	
31 32 19 16-0027	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.96	
31 32 19 16-0028	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.17	
31 32 19 16-0029	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.36	

31 32 19 16-0030 High Density Polyethylene (HDPE) Geomembrane *(31 32 19 16-0019)*

31 32 19 16-0031	SF	20 Mil High Density Polyethylene Membrane (US Fabrics)	0.85	
31 32 19 16-0032	SF	30 Mil High Density Polyethylene Membrane (US Fabrics)	1.33	
31 32 19 16-0033	SF	40 Mil High Density Polyethylene Membrane (US Fabrics)	1.60	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0034	SF	50 Mil High Density Polyethylene Membrane (US Fabrics)	2.79	
31 32 19 16-0035	SF	60 Mil High Density Polyethylene Membrane (US Fabrics)	2.11	
31 32 19 16-0036	SF	80 Mil High Density Polyethylene Membrane (US Fabrics)	2.65	
31 32 19 16-0037	SF	100 Mil High Density Polyethylene Membrane (US Fabrics)	3.20	
31 32 19 16-0038	SF	120 Mil High Density Polyethylene Membrane (US Fabrics)	5.98	
31 32 19 16-0039	SF	140 Mil High Density Polyethylene Membrane (US Fabrics)	6.21	

31 32 19 26 Geoweb Cellular Confinement System *(31 32 19)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0001 Geoweb Cellular Confinement System *(31 32 19 26)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems)	4.70	
		For >20,000, Deduct	*-0.09*	
		For >2:1 Slope, Add	*0.98*	
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems)	5.48	
		For >20,000, Deduct	*-0.13*	
		For >2:1 Slope, Add	*0.98*	
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems)	6.40	
		For >20,000, Deduct	*-0.17*	
		For >2:1 Slope, Add	*0.98*	

31 35 Slope Protection *(31 30)*

31 35 19 Geosynthetic Slope Protection *(31 35)*

31 35 19 19 Slope Protection with Mulch Control Netting *(31 35 19)*

31 35 19 19-0001 Erosion Control Fabric *(31 35 19 19)*

31 35 19 19-0002	SY	26.6 OZ/SY Erosion Control Fabric (Belton Industries Geocoir 900)	3.26

31 36 Gabions *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 36 13 Gabion Boxes *(31 36)*

31 36 13 00-0001 Stone Filled Gabion Slope Protection *(31 36 13)*

Note: Machine placed by SY of total top face area for depth indicated.

31 36 13 00-0002	SY	6" Deep Stone Filled Gabion Slope Protection	55.16
31 36 13 00-0003	SY	9" Deep Stone Filled Gabion Slope Protection	64.99
31 36 13 00-0004	SY	12" Deep Stone Filled Gabion Slope Protection	78.14
31 36 13 00-0005	SY	15" Deep Stone Filled Gabion Slope Protection	92.41
31 36 13 00-0006	SY	18" Deep Stone Filled Gabion Slope Protection	108.55
31 36 13 00-0007	SY	24" Deep Stone Filled Gabion Slope Protection	148.48
31 36 13 00-0008	SY	36" Deep Stone Filled Gabion Slope Protection	187.59

31 37 Riprap *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

31 37 13 Machined Riprap *(31 37)*

31 37 13 00-0001 Random - Filter Stone *(31 37 13)*

31 37 13 00-0002	CY	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	50.26	
		For Chinking Material, Add	*13.28*	
31 37 13 00-0003	CY	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	58.14	
		For Chinking Material, Add	*13.28*	
31 37 13 00-0004	CY	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	61.85	
		For Chinking Material, Add	*13.28*	
31 37 13 00-0005	CY	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	66.08	
		For Chinking Material, Add	*13.28*	
31 37 13 00-0006	CY	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	69.49	
		For Chinking Material, Add	*13.28*	
31 37 13 00-0007	CY	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	75.06	
31 37 13 00-0008	CY	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	90.47	
31 37 13 00-0009	TON	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	33.42	
31 37 13 00-0010	TON	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	38.42	
31 37 13 00-0011	TON	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	40.78	
31 37 13 00-0012	TON	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	43.46	
31 37 13 00-0013	TON	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	45.63	
31 37 13 00-0014	TON	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	49.21	
31 37 13 00-0015	TON	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	61.36	

31 40 Shoring And Underpinning *(31)*

31 41 Shoring *(31 40)*

31 41 13 Timber Shoring *(31 41)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 41 13 00-0001		Wood Sheet Piling *(31 41 13)*		
31 41 13 00-0002		Pull And Salvage *(31 41 13 00-0001)* Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.		
31 41 13 00-0003	SF	Wood Shoring, 8' Deep Excavation, Pull And Salvage	10.90	
		For Wood Sheeting Left In Place	*-1.19*	
31 41 13 00-0004	SF	Wood Shoring, 10' Deep Excavation, Pull And Salvage	11.80	
		For Wood Sheeting Left In Place	*-1.38*	
31 41 13 00-0005	SF	Wood Shoring, 12' Deep Excavation, Pull And Salvage	12.78	
		For Wood Sheeting Left In Place	*-1.57*	
31 41 13 00-0006	SF	Wood Shoring, 14' Deep Excavation, Pull And Salvage	13.86	
		For Wood Sheeting Left In Place	*-1.79*	
31 41 13 00-0007	SF	Wood Shoring, 16' Deep Excavation, Pull And Salvage	15.03	
		For Wood Sheeting Left In Place	*-2.03*	
31 41 13 00-0008	SF	Wood Shoring, 18' Deep Excavation, Pull And Salvage	16.30	
		For Wood Sheeting Left In Place	*-2.30*	
31 41 13 00-0009	SF	Wood Shoring, 20' Deep Excavation, Pull And Salvage	17.67	
		For Wood Sheeting Left In Place	*-2.59*	
31 41 16		**Sheet Piling** *(31 41)*		
31 41 16 13		**Steel Sheet Piling** *(31 41 16)*		
31 41 16 13-0001		Standard Carbon Grade Steel Sheeting - Pull And Salvage *(31 41 16 13)* Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.		
31 41 16 13-0002	TON	Shoring For 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	1,850.47	
		For Standard Sheeting Left In Place, Add	*962.57*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,376.97*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*103.60*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*115.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*356.84*	
		For Each Additional Month >3 Months, Add	*57.56*	
31 41 16 13-0003	TON	Shoring For 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage	1,919.15	
		For Standard Sheeting Left In Place, Add	*928.23*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,342.63*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*103.60*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*115.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*356.84*	
		For Each Additional Month >3 Months, Add	*57.56*	
31 41 16 13-0004	TON	Shoring For 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,238.49	
		For Standard Sheeting Left In Place, Add	*768.56*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,182.96*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*103.60*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*115.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*356.84*	
		For Each Additional Month >3 Months, Add	*57.56*	
31 41 16 13-0005	TON	Shoring For 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,545.77	
		For Standard Sheeting Left In Place, Add	*614.92*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,029.32*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*103.60*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*115.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*356.84*	
		For Each Additional Month >3 Months, Add	*57.56*	
31 41 16 13-0006	TON	Shoring For 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,726.52	
		For Standard Sheeting Left In Place, Add	*524.54*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*938.94*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*103.60*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*115.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*356.84*	
		For Each Additional Month >3 Months, Add	*57.56*	
31 41 16 13-0007	TON	Shoring For 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,910.89	
		For Standard Sheeting Left In Place, Add	*432.36*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*846.76*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*103.60*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*115.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*356.84*	
		For Each Additional Month >3 Months, Add	*57.56*	
31 45		Vibroflotation And Densification *(31 40)*		
31 45 13		**Vibroflotation** *(31 45)*		
31 45 13 00-0001	LCY	Soil Stabilization, Vibroflotation	11.74	
31 48		Underpinning *(31 40)*		
31 48 33		**Micropile Underpinning** *(31 48)*		
31 48 33 00-0001		Augered Micro-Pile And Grout System *(31 48 33)*		
31 48 33 00-0002	EA	Micro-Pile Mobilization Per Job	1,969.44	
31 48 33 00-0003	EA	Relocate And Set-up Micro-Pile Equipment At New Pile Cap Location	492.36	
31 48 33 00-0004	VLF	Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void	259.53	
		Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 48 33 00-0005	VLF	Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void - Indoor Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.	321.07	
31 48 33 00-0006	EA	Pile Load Test	2,461.80	

END OF SECTION 31

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 Exterior Improvements

32 01 Operation And Maintenance Of Exterior Improvements (32)

32 01 11 Paving Cleaning (32 01)

32 01 11 53 Paint Removal From Paving (32 01 11)

32 01 11 53-0001 Remove Pavement Markings (32 01 11 53)
Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF	Removal Of 4" Wide Painted Or Epoxy Pavement Striping	1.76
		For Up To 250, Add	*0.88*
		For >250 To 1,000, Add	*0.44*
		For >5,000 To 10,000, Deduct	*-0.26*
		For >10,000 To 25,000, Deduct	*-0.44*
		For >25,000 To 50,000, Deduct	*-0.62*
		For >50,000, Deduct	*-0.70*
32 01 11 53-0003	LF	Removal Of 6" Wide Painted Or Epoxy Pavement Striping	2.11
		For Up To 250, Add	*1.06*
		For >250 To 1,000, Add	*0.53*
		For >5,000 To 10,000, Deduct	*-0.32*
		For >10,000 To 25,000, Deduct	*-0.53*
		For >25,000 To 50,000, Deduct	*-0.74*
		For >50,000, Deduct	*-0.84*
32 01 11 53-0004	LF	Removal Of 8" Wide Painted Or Epoxy Pavement Striping	2.53
		For Up To 250, Add	*1.27*
		For >250 To 1,000, Add	*0.63*
		For >5,000 To 10,000, Deduct	*-0.38*
		For >10,000 To 25,000, Deduct	*-0.63*
		For >25,000 To 50,000, Deduct	*-0.89*
		For >50,000, Deduct	*-1.01*
32 01 11 53-0005	LF	Removal Of 12" Wide Painted Or Epoxy Pavement Striping	3.03
		For Up To 250, Add	*1.52*
		For >250 To 1,000, Add	*0.76*
		For >5,000 To 10,000, Deduct	*-0.45*
		For >10,000 To 25,000, Deduct	*-0.76*
		For >25,000 To 50,000, Deduct	*-1.06*
		For >50,000, Deduct	*-1.21*
32 01 11 53-0006	SF	Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols	3.03
		For Up To 250, Add	*1.52*
		For >250 To 1,000, Add	*0.76*
		For >5,000 To 10,000, Deduct	*-0.45*
		For >10,000 To 25,000, Deduct	*-0.76*
		For >25,000 To 50,000, Deduct	*-1.06*
		For >50,000, Deduct	*-1.21*
32 01 11 53-0007	LF	Removal Of 4" Wide Thermoplastic Pavement Striping	2.26
		For Up To 250, Add	*1.13*
		For >250 To 1,000, Add	*0.57*
		For >5,000 To 10,000, Deduct	*-0.34*
		For >10,000 To 25,000, Deduct	*-0.57*
		For >25,000 To 50,000, Deduct	*-0.79*
		For >50,000, Deduct	*-0.90*
32 01 11 53-0008	LF	Removal Of 6" Wide Thermoplastic Pavement Striping	2.67
		For Up To 250, Add	*1.34*
		For >250 To 1,000, Add	*0.67*
		For >5,000 To 10,000, Deduct	*-0.40*
		For >10,000 To 25,000, Deduct	*-0.67*
		For >25,000 To 50,000, Deduct	*-0.93*
		For >50,000, Deduct	*-1.07*
32 01 11 53-0009	LF	Removal Of 8" Wide Thermoplastic Pavement Striping	3.22
		For Up To 250, Add	*1.61*
		For >250 To 1,000, Add	*0.81*
		For >5,000 To 10,000, Deduct	*-0.48*
		For >10,000 To 25,000, Deduct	*-0.81*
		For >25,000 To 50,000, Deduct	*-1.13*
		For >50,000, Deduct	*-1.29*
32 01 11 53-0010	LF	Removal Of 12" Wide Thermoplastic Pavement Striping	3.86
		For Up To 250, Add	*1.93*
		For >250 To 1,000, Add	*0.97*
		For >5,000 To 10,000, Deduct	*-0.58*
		For >10,000 To 25,000, Deduct	*-0.97*
		For >25,000 To 50,000, Deduct	*-1.35*
		For >50,000, Deduct	*-1.54*
32 01 11 53-0011	SF	Removal Of Thermoplastic Pavement Marking, Letters Or Symbols	3.86
		For Up To 250, Add	*1.93*
		For >250 To 1,000, Add	*0.97*
		For >5,000 To 10,000, Deduct	*-0.58*
		For >10,000 To 25,000, Deduct	*-0.97*
		For >25,000 To 50,000, Deduct	*-1.35*
		For >50,000, Deduct	*-1.54*

32 01 13 Flexible Paving Surface Treatment (32 01)

32 01 13 61 Slurry Seal (Latex Modified) (32 01 13)

32 01 13 61-0001 Asphalt Seal Coating, For Roads And Parking Lot (32 01 13 61)
Note: Includes sweeping and cleaning of area.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 61-0002	EA	Asphalt Seal Coating Minimum Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	499.42	
32 01 13 61-0003	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	2.69	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.15*	
32 01 13 61-0004	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	2.46	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.15*	
32 01 13 61-0005	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	2.27	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.15*	
32 01 13 61-0006	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	2.11	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.15*	
32 01 13 61-0007	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	1.95	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*	
		For Each 0.5% Of Latex Addition, Add	*0.15*	
32 01 13 61-0008	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	1.80	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*	
		For Each 0.5% Of Latex Addition, Add	*0.15*	
32 01 13 61-0009	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	3.28	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.32*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.38*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0010	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	3.02	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0011	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	2.82	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0012	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	2.64	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0013	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	2.47	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	
32 01 13 61-0014	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	2.32	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*	
		For Each 0.5% Of Latex Addition, Add	*0.24*	

32 01 13 62 Asphalt Surface Treatment *(32 01 13)*

32 01 13 62-0001 Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing) *(32 01 13 62)*

Note: Use a blend of emulsified quick-set polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.

32 01 13 62-0002	SY	Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	5.73
32 01 13 62-0003	SY	Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	5.34
32 01 13 62-0004	SY	>500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	4.98
32 01 13 62-0005	SY	>1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	4.69
32 01 13 62-0006	SY	>5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	4.42
32 01 13 62-0007	SY	>10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	4.19
32 01 13 62-0008	SY	>20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	4.02
32 01 13 62-0009	SY	>50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	3.94

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 01 16 Flexible Paving Rehabilitation *(32 01)*

32 01 16 71 Cold Milling Asphalt Pavement *(32 01 16)*

32 01 16 71-0001 Removal Of Asphalt Surface Course *(32 01 16 71)*

Note: Includes direct loading into truck.

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas *(32 01 16 71-0001)*

Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0039 for hauling.

32 01 16 71-0003	SY	Up To 3" Depth, Production Cold Milling Of Asphalt	3.57	
		For Up To 2,500, Add	*2.68*	
		For >2,500 To 5,000, Add	*0.89*	
		For >10,000 To 25,000, Deduct	*-0.36*	
		For >25,000, Deduct	*-0.54*	
32 01 16 71-0004	SY	>3" To 6" Depth, Production Cold Milling Of Asphalt	4.75	
		For Up To 2,500, Add	*3.56*	
		For >2,500 To 5,000, Add	*1.19*	
		For >10,000 To 25,000, Deduct	*-0.48*	
		For >25,000, Deduct	*-0.71*	
32 01 16 71-0005	SY	>6" To 12" Depth, Production Cold Milling Of Asphalt	6.33	
		For Up To 2,500, Add	*4.75*	
		For >2,500 To 5,000, Add	*1.58*	
		For >10,000 To 25,000, Deduct	*-0.63*	
		For >25,000, Deduct	*-0.95*	
32 01 16 71-0006	SY	Production Cold Milling Of Concrete Per Inch	5.40	

32 01 16 71-0007 Limited Production Cold Milling *(32 01 16 71-0001)*

Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0039 for hauling.

32 01 16 71-0008	SY	Up To 3" Depth, Limited Cold Milling Of Asphalt	22.54	
		For >100 To 1,000, Deduct	*-11.27*	
		For >1,000, Deduct	*-16.91*	
32 01 16 71-0009	SY	>3" To 6" Depth, Limited Cold Milling Of Asphalt	29.85	
		For >100 To 1,000, Deduct	*-14.93*	
		For >1,000, Deduct	*-22.39*	
32 01 16 71-0010	SY	>6" To 12" Depth, Limited Cold Milling Of Asphalt	39.75	
		For >100 To 1,000, Deduct	*-19.88*	
		For >1,000, Deduct	*-29.81*	
32 01 16 71-0011	SY	Limited Cold Milling Of Concrete Per Inch	33.88	

32 01 16 71-0012 Grind, Leave In-Place Asphalt Grindings *(32 01 16 71)*

Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0013	SY	Grind, Leave In-Place As Subbase Course, 6-9" Depth	5.99

32 01 16 74 In Place Hot Reused Asphalt Paving *(32 01 16)*

32 01 16 74-0001 Rejuvenate, Respread Asphalt Pavement *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0002	SY	Remove, Rejuvenate, Respread Asphalt Grindings To 1/2" Deep	10.02
32 01 16 74-0003	SY	Remove, Rejuvenate, Respread Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar	11.99
32 01 16 74-0004	TON	Remove, Rejuvenate, Respread Asphalt Grindings	155.48

32 01 16 74-0005 Reclamation, Pulverize And Blending With Existing *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0006	SY	Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	12.14
32 01 16 74-0007	SY	Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	6.07
32 01 16 74-0008	SY	Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.04
32 01 16 74-0009	SY	Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	2.87
32 01 16 74-0010	SY	>2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.31
32 01 16 74-0011	SY	>2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	13.25
32 01 16 74-0012	SY	>2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	6.62
32 01 16 74-0013	SY	>2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.12
32 01 16 74-0014	SY	>3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	14.57
32 01 16 74-0015	SY	>3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	7.29
32 01 16 74-0016	SY	>3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.64
32 01 16 74-0017	SY	>3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.36
32 01 16 74-0018	SY	>4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	15.90

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 74-0019	SY	>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	7.95	
32 01 16 74-0020	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.98	
32 01 16 74-0021	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.70	
32 01 16 74-0022	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew	1,366.18	

32 01 17 Flexible Paving Repair *(32 01)*

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks In Asphalt Paving *(32 01 17)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair *(32 01 17 61)*

Note: Includes sweeping and cleaning of area.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.30	
		For 3/4" x 1/2" Fill, Add		*0.34*
		For 1" x 1/2" Fill, Add		*0.64*
		For Backer Rod, Add		*0.72*
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.06	
		For 3/4" x 1/2" Fill, Add		*0.29*
		For 1" x 1/2" Fill, Add		*0.54*
		For Backer Rod, Add		*0.66*
32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	0.84	
		For 3/4" x 1/2" Fill, Add		*0.23*
		For 1" x 1/2" Fill, Add		*0.44*
		For Backer Rod, Add		*0.60*
32 01 17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	0.72	
		For 3/4" x 1/2" Fill, Add		*0.20*
		For 1" x 1/2" Fill, Add		*0.38*
		For Backer Rod, Add		*0.56*
32 01 17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	0.64	
		For 3/4" x 1/2" Fill, Add		*0.18*
		For 1" x 1/2" Fill, Add		*0.33*
		For Backer Rod, Add		*0.53*
32 01 17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	0.60	
		For 3/4" x 1/2" Fill, Add		*0.16*
		For 1" x 1/2" Fill, Add		*0.31*
		For Backer Rod, Add		*0.51*
32 01 17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	2.37	
32 01 17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.91	
32 01 17 61-0010	LF	>500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.46	
32 01 17 61-0011	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.29	
32 01 17 61-0012	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.17	
32 01 17 61-0013	LF	>10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler	1.08	
32 01 17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth	0.44	

32 01 17 63 Flexible Pavement Repair *(32 01 17)*

32 01 17 63-0001 Temporary Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,454.52	
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified Note: Use for each ton over 3 tons.	442.66	
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,380.00	
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix Note: Use for each ton over 3 tons.	417.82	
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,342.74	
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified Note: Use for each ton over 3 tons.	405.40	
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,305.48	
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix Note: Use for each ton over 3 tons.	392.98	

32 01 17 63-0010 Permanent Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0011	EA	Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,527.35	
32 01 17 63-0012	TON	Permanent Pot Hole Repairs With Cold Mix Note: Use for each ton over 3 tons.	497.10	
32 01 17 63-0013	EA	Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,490.09	
32 01 17 63-0014	TON	Permanent Pot Hole Repairs With Hot Mix Modified Note: Use for each ton over 3 tons.	484.68	
32 01 17 63-0015	EA	Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,452.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0016	TON	Permanent Pot Hole Repairs With Hot Mix Note: Use for each ton over 3 tons.	472.26	

32 01 17 63-0017 Grind Asphalt *(32 01 17 63)*

32 01 17 63-0018	SY	Grinding Asphalt To Level Bump Or Raised Area	17.65	

32 01 17 63-0019 Asphalt Placement For Small Repairs *(32 01 17 63)*

Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0001 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.

32 01 17 63-0020	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	1,990.68	
32 01 17 63-0021	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	274.44	
32 01 17 63-0022	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	1,916.16	
32 01 17 63-0023	TON	Asphalt Placement For Small Repair Areas, Cold Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	249.60	
32 01 17 63-0024	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	1,878.90	
32 01 17 63-0025	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	237.18	
32 01 17 63-0026	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	1,841.64	
32 01 17 63-0027	TON	Asphalt Placement For Small Repair Areas, Hot Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	224.76	

32 01 26 Rigid Paving Rehabilitation *(32 01)*

32 01 26 71 Grooving Of Concrete Paving *(32 01 26)*

32 01 26 71-0001 Roadway Grooving *(32 01 26 71)*

32 01 26 71-0002	EA	First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3,114.90	
32 01 26 71-0003	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal	2.89	
32 01 26 71-0004	EA	First 500 SY Of Pavement Grooving, Concrete, Traverse	3,470.10	
32 01 26 71-0005	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse	3.75	

32 01 26 71-0006 Rumble Strips *(32 01 26 71)*

32 01 26 71-0007	EA	First 5280 LF Of MIARDS, Rumble Strips, Asphalt	3,561.45	
32 01 26 71-0008	LF	Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt	0.65	
		For > 52500, Deduct	*-0.10*	
32 01 26 71-0009	EA	First 2000 LF Of MIARDS, Rumble Strips, Concrete	3,968.92	
32 01 26 71-0010	LF	Each LF Over First 2000 LF Of MIARDS, Rumble Strips, Concrete	0.73	
		For > 20000, Deduct	*-0.09*	

32 01 26 71-0011 Boat Ramps Grooving *(32 01 26 71)*

32 01 26 71-0012	SY	Concrete Grooving, Boat Ramps	1.63	

32 01 90 Operation And Maintenance Of Planting *(32 01)*

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing *(32 01 90)*

32 01 90 13-0001	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	11.13	
32 01 90 13-0002	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Liquid)	8.65	
32 01 90 13-0003	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular)	9.34	
32 01 90 13-0004	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid)	7.82	

32 01 90 23 Pruning *(32 01 90)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 01 90 23-0001 Tree Pruning *(32 01 90 23)*

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture) 1. CROWN CLEANING - Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown. 2. CROWN THINNING - Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two- thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch. 3. CROWN RAISING - Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown. 4. CROWN REDUCTION - Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made. 5. CROWN RESTORATION - Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years. Includes loading onto truck or dumspter.

32 01 90 23-0002	EA	Tree Pruning (Crown Cleaning), 1-1/2" Caliper	25.29	
		For Crown Thinning, Tree Pruning, Add	*5.69*	
		For Crown Raising, Pruning, Add	*8.85*	
		For Crown Reduction, Tree Pruning, Add	*11.38*	
		For Crown Restoration, Pruning, Add	*16.86*	
32 01 90 23-0003	EA	Tree Pruning (Crown Cleaning), 2" Caliper	28.90	
		For Crown Thinning, Tree Pruning, Add	*6.50*	
		For Crown Raising, Pruning, Add	*10.12*	
		For Crown Reduction, Tree Pruning, Add	*13.01*	
		For Crown Restoration, Pruning, Add	*19.27*	
32 01 90 23-0004	EA	Tree Pruning (Crown Cleaning), 2-1/2" Caliper	32.52	
		For Crown Thinning, Tree Pruning, Add	*7.32*	
		For Crown Raising, Pruning, Add	*11.38*	
		For Crown Reduction, Tree Pruning, Add	*14.63*	
		For Crown Restoration, Pruning, Add	*21.68*	
32 01 90 23-0005	EA	Tree Pruning (Crown Cleaning), 3" Caliper	36.13	
		For Crown Thinning, Tree Pruning, Add	*8.13*	
		For Crown Raising, Pruning, Add	*12.65*	
		For Crown Reduction, Tree Pruning, Add	*16.26*	
		For Crown Restoration, Pruning, Add	*24.09*	
32 01 90 23-0006	EA	Tree Pruning (Crown Cleaning), 4" Caliper, By Hand	54.91	
		For Crown Thinning, Tree Pruning, Add	*12.35*	
		For Crown Raising, Pruning, Add	*19.22*	
		For Crown Reduction, Tree Pruning, Add	*24.71*	
		For Crown Restoration, Pruning, Add	*36.61*	
32 01 90 23-0007	EA	Tree Pruning (Crown Cleaning), 4" Caliper, Aerial Lift Equipment	90.11	
		For Crown Thinning, Tree Pruning, Add	*20.27*	
		For Crown Raising, Pruning, Add	*31.54*	
		For Crown Reduction, Tree Pruning, Add	*40.55*	
		For Crown Restoration, Pruning, Add	*60.08*	
32 01 90 23-0008	EA	Tree Pruning (Crown Cleaning), 6" Caliper, By Hand	96.08	
		For Crown Thinning, Tree Pruning, Add	*21.62*	
		For Crown Raising, Pruning, Add	*33.63*	
		For Crown Reduction, Tree Pruning, Add	*43.24*	
		For Crown Restoration, Pruning, Add	*64.06*	
32 01 90 23-0009	EA	Tree Pruning (Crown Cleaning), 6" Caliper, Aerial Lift Equipment	171.61	
		For Crown Thinning, Tree Pruning, Add	*38.61*	
		For Crown Raising, Pruning, Add	*60.06*	
		For Crown Reduction, Tree Pruning, Add	*77.22*	
		For Crown Restoration, Pruning, Add	*114.41*	
32 01 90 23-0010	EA	Tree Pruning (Crown Cleaning), 9" Caliper, By Hand	153.87	
		For Crown Thinning, Tree Pruning, Add	*34.62*	
		For Crown Raising, Pruning, Add	*53.85*	
		For Crown Reduction, Tree Pruning, Add	*69.24*	
		For Crown Restoration, Pruning, Add	*102.59*	
32 01 90 23-0011	EA	Tree Pruning (Crown Cleaning), 9" Caliper, Aerial Lift Equipment	274.51	
		For Crown Thinning, Tree Pruning, Add	*61.76*	
		For Crown Raising, Pruning, Add	*96.08*	
		For Crown Reduction, Tree Pruning, Add	*123.53*	
		For Crown Restoration, Pruning, Add	*183.02*	
32 01 90 23-0012	EA	Tree Pruning (Crown Cleaning), 12" Caliper, By Hand	177.80	
		For Crown Thinning, Tree Pruning, Add	*40.01*	
		For Crown Raising, Pruning, Add	*62.23*	
		For Crown Reduction, Tree Pruning, Add	*80.01*	
		For Crown Restoration, Pruning, Add	*118.54*	
32 01 90 23-0013	EA	Tree Pruning (Crown Cleaning), 12" Caliper, Aerial Lift Equipment	317.46	
		For Crown Thinning, Tree Pruning, Add	*71.43*	
		For Crown Raising, Pruning, Add	*111.11*	
		For Crown Reduction, Tree Pruning, Add	*142.86*	
		For Crown Restoration, Pruning, Add	*211.65*	
32 01 90 23-0014	EA	Tree Pruning (Crown Cleaning), 18" Caliper By Hand	206.68	
		For Crown Thinning, Tree Pruning, Add	*46.50*	
		For Crown Raising, Pruning, Add	*72.34*	
		For Crown Reduction, Tree Pruning, Add	*93.01*	
		For Crown Restoration, Pruning, Add	*137.79*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0015	EA	Tree Pruning (Crown Cleaning), 18" Caliper By Hand, Aerial Lift Equipment	368.94	
		For Crown Thinning, Tree Pruning, Add	*83.01*	
		For Crown Raising, Pruning, Add	*129.13*	
		For Crown Reduction, Tree Pruning, Add	*166.02*	
		For Crown Restoration, Pruning, Add	*245.97*	
32 01 90 23-0016	EA	Tree Pruning (Crown Cleaning), 24" Caliper, By Hand	251.59	
		For Crown Thinning, Tree Pruning, Add	*56.61*	
		For Crown Raising, Pruning, Add	*88.06*	
		For Crown Reduction, Tree Pruning, Add	*113.22*	
		For Crown Restoration, Pruning, Add	*167.74*	
32 01 90 23-0017	EA	Tree Pruning (Crown Cleaning), 24" Caliper, Aerial Lift Equipment	446.23	
		For Crown Thinning, Tree Pruning, Add	*100.40*	
		For Crown Raising, Pruning, Add	*156.18*	
		For Crown Reduction, Tree Pruning, Add	*200.80*	
		For Crown Restoration, Pruning, Add	*297.50*	
32 01 90 23-0018	EA	Tree Pruning (Crown Cleaning), 30" Caliper, By Hand	312.52	
		For Crown Thinning, Tree Pruning, Add	*70.32*	
		For Crown Raising, Pruning, Add	*109.38*	
		For Crown Reduction, Tree Pruning, Add	*140.63*	
		For Crown Restoration, Pruning, Add	*208.36*	
32 01 90 23-0019	EA	Tree Pruning (Crown Cleaning), 30" Caliper, Aerial Lift Equipment	562.39	
		For Crown Thinning, Tree Pruning, Add	*126.54*	
		For Crown Raising, Pruning, Add	*196.84*	
		For Crown Reduction, Tree Pruning, Add	*253.08*	
		For Crown Restoration, Pruning, Add	*374.95*	
32 01 90 23-0020	EA	Tree Pruning (Crown Cleaning), 36" Caliper, By Hand	428.05	
		For Crown Thinning, Tree Pruning, Add	*96.31*	
		For Crown Raising, Pruning, Add	*149.82*	
		For Crown Reduction, Tree Pruning, Add	*192.62*	
		For Crown Restoration, Pruning, Add	*285.38*	
32 01 90 23-0021	EA	Tree Pruning (Crown Cleaning), 36" Caliper, Aerial Lift Equipment	762.22	
		For Crown Thinning, Tree Pruning, Add	*171.50*	
		For Crown Raising, Pruning, Add	*266.78*	
		For Crown Reduction, Tree Pruning, Add	*343.00*	
		For Crown Restoration, Pruning, Add	*508.17*	
32 01 90 23-0022	EA	Tree Pruning (Crown Cleaning), 48" Caliper, By Hand	679.09	
		For Crown Thinning, Tree Pruning, Add	*152.80*	
		For Crown Raising, Pruning, Add	*237.68*	
		For Crown Reduction, Tree Pruning, Add	*305.59*	
		For Crown Restoration, Pruning, Add	*452.75*	
32 01 90 23-0023	EA	Tree Pruning (Crown Cleaning), 48" Caliper, Aerial Lift Equipment	1,225.78	
		For Crown Thinning, Tree Pruning, Add	*275.80*	
		For Crown Raising, Pruning, Add	*429.02*	
		For Crown Reduction, Tree Pruning, Add	*551.60*	
		For Crown Restoration, Pruning, Add	*817.23*	

32 01 90 23-0024 Shrub Pruning *(32 01 90 23)*

32 01 90 23-0025	MSF	Shrub Pruning, Prune, Shrub Bed	82.34
32 01 90 23-0026	EA	Shrub Pruning, Prune, Shrub Under 3' Height	2.89
32 01 90 23-0027	EA	Shrub Pruning, Prune, Shrub 4' Height	6.50
32 01 90 23-0028	EA	Shrub Pruning, Prune, Shrub Over 6'	11.56
32 01 90 23-0029	EA	Shrub Pruning, Prune Trees From Ground	28.90
32 01 90 23-0030	EA	Shrub Pruning, Prune Trees From Ground, High Work	72.26

32 01 90 23-0031 Root Pruning *(32 01 90 23)*

Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.

32 01 90 23-0032	EA	Root Pruning, One Side Of Up To 1-1/2" Caliper Tree	14.45
32 01 90 23-0033	EA	Root Pruning, One Side Of 2" Caliper Tree	18.06
32 01 90 23-0034	EA	Root Pruning, One Side Of 2-1/2" Caliper Tree	21.68
32 01 90 23-0035	EA	Root Pruning, One Side Of 3" Caliper Tree	28.90
32 01 90 23-0036	EA	Root Pruning, One Side Of 4" Caliper Tree	43.35
32 01 90 23-0037	EA	Root Pruning, One Side Of 6" Caliper Tree	54.19
32 01 90 23-0038	EA	Root Pruning, One Side Of 9" Caliper Tree	75.87
32 01 90 23-0039	EA	Root Pruning, One Side Of 12" Caliper Tree	86.71
32 01 90 23-0040	EA	Root Pruning, One Side Of 18" Caliper Tree	101.16
32 01 90 23-0041	EA	Root Pruning, One Side Of 24" Caliper Tree	126.45
32 01 90 23-0042	EA	Root Pruning, One Side Of 30" Caliper Tree	155.35
32 01 90 23-0043	EA	Root Pruning, One Side Of 36" Caliper Tree	180.64
32 01 90 23-0044	EA	Root Pruning, One Side Of 48" Caliper Tree	216.77

32 01 90 26 Watering *(32 01 90)*

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0001 Watering Lawns, Plants And Trees *(32 01 90 26)*

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.

32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	34.88
32 01 90 26-0003	CSF	Watering Groundcover	5.47
32 01 90 26-0004	CSF	Watering Annuals And Perennials	9.81
32 01 90 26-0005	EA	Watering Trees, 1-1/2" To 5" Diameter By Hand	19.20
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand	25.22

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand	31.26	
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand	38.47	
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand	9.64	

32 01 90 36 Weed And Brush Control *(32 01 90)*

32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied *(32 01 90 36)*

32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF)	6.49	
		For >45 To 90, Deduct	*-0.35*	
		For >90 To 225, Deduct	*-1.00*	
		For >225 To 870, Deduct	*-1.65*	
		For >870, Deduct	*-1.99*	
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF)	6.87	
		For >45 To 90, Deduct	*-0.39*	
		For >90 To 225, Deduct	*-1.07*	
		For >225 To 870, Deduct	*-1.76*	
		For >870, Deduct	*-2.15*	
32 01 90 36-0004	MSF	Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF) Note: Includes pre and post emergent.	6.85	
		For >45 To 90, Deduct	*-0.38*	
		For >90 To 225, Deduct	*-1.07*	
		For >225 To 870, Deduct	*-1.75*	
		For >870, Deduct	*-2.14*	
32 01 90 36-0005	MSF	Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF) Note: Includes pre and post emergents.	7.08	
		For >45 To 90, Deduct	*-0.41*	
		For >90 To 225, Deduct	*-1.11*	
		For >225 To 870, Deduct	*-1.82*	
		For >870, Deduct	*-2.23*	

32 01 90 39 Pesticides *(32 01 90)*

32 01 90 39-0001	MSF	Pesticide - Surface Eating	8.87
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating	8.89
32 01 90 39-0003	MSF	Pesticide - Fungicide Application	9.36

32 10 Bases, Ballasts, And Paving *(32)*

32 11 Base Courses *(32 10)*

32 11 16 Subbase Courses *(32 11)*

32 11 16 16 Aggregate Subbase Courses *(32 11 16)*

32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas *(32 11 16 16)*
Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY *(32 11 16 16-0001)*

32 11 16 16-0003	CY	Class II Graded Crushed Aggregate Roadway Base Course	70.72
32 11 16 16-0004	CY	Class III Graded Crushed Aggregate Roadway Base Course	68.30

32 11 16 16-0005 Class II Base Courses By The SY *(32 11 16 16-0001)*

32 11 16 16-0006	SY	2" Class II Graded Crushed Aggregate Base Course	3.94	
		For Up To 500, Add	*1.03*	
		For >500 To 1,000, Add	*0.39*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000, Deduct	*-0.26*	
32 11 16 16-0007	SY	4" Class II Crushed Aggregate Base Course	7.86	
		For Up To 500, Add	*2.06*	
		For >500 To 1,000, Add	*0.79*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000, Deduct	*-0.51*	
32 11 16 16-0008	SY	6" Class II Crushed Aggregate Base Course	11.80	
		For Up To 500, Add	*3.10*	
		For >500 To 1,000, Add	*1.18*	
		For >5,000 To 10,000, Deduct	*-0.45*	
		For >10,000, Deduct	*-0.77*	
32 11 16 16-0009	SY	9" Class II Crushed Aggregate Base Course	17.70	
		For Up To 500, Add	*4.65*	
		For >500 To 1,000, Add	*1.77*	
		For >5,000 To 10,000, Deduct	*-0.67*	
		For >10,000, Deduct	*-1.15*	
32 11 16 16-0010	SY	12" Class II Crushed Aggregate Base Course	23.59	
		For Up To 500, Add	*6.19*	
		For >500 To 1,000, Add	*2.36*	
		For >5,000 To 10,000, Deduct	*-0.90*	
		For >10,000, Deduct	*-1.53*	

32 11 23 Aggregate Base Courses *(32 11)*

32 11 23 16 Aggregate Base Courses *(32 11 23)*

32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) *(32 11 23 16)*
Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 11 23 16-0002	SF	2" Crushed Aggregate Base Course For Sidewalks	0.48	
		For Up To 1,000, Add	*0.13*	
		For >1,000 To 2,500, Add	*0.05*	
32 11 23 16-0003	SF	3" Crushed Aggregate Base Course For Sidewalks	0.68	
		For Up To 1,000, Add	*0.19*	
		For >1,000 To 2,500, Add	*0.07*	
32 11 23 16-0004	SF	4" Crushed Aggregate Base Course For Sidewalks	0.89	
		For Up To 1,000, Add	*0.25*	
		For >1,000 To 2,500, Add	*0.09*	
32 11 23 16-0005	SF	5" Crushed Aggregate Base Course For Sidewalks	1.15	
		For Up To 1,000, Add	*0.32*	
		For >1,000 To 2,500, Add	*0.12*	
32 11 23 16-0006	SF	6" Crushed Aggregate Base Course For Sidewalks	1.40	
		For Up To 1,000, Add	*0.39*	
		For >1,000 To 2,500, Add	*0.14*	
32 11 23 16-0007	SF	7" Crushed Aggregate Base Course For Sidewalks	1.61	
		For Up To 1,000, Add	*0.45*	
		For >1,000 To 2,500, Add	*0.16*	
32 11 23 16-0008	SF	8" Crushed Aggregate Base Course For Sidewalks	1.83	
		For Up To 1,000, Add	*0.51*	
		For >1,000 To 2,500, Add	*0.18*	

32 11 26 Asphaltic Base Courses *(32 11)*

32 11 26 19 Bituminous-Stabilized Base Courses *(32 11 26)*

32 11 26 19-0001 Bituminous-Stabilized Base Courses *(32 11 26 19)*

32 11 26 19-0002	CY	Bituminous Stabilized Base Course Note: 3/4" ASTM C33.	100.67

32 12 Flexible Paving *(32 10)*

32 12 13 Preparatory Coats *(32 12)*

32 12 13 13 Tack Coats *(32 12 13)*

32 12 13 13-0001	SY	Tack Coat, 0.04 Gallon/SY	0.45
		For Up To 150, Add	*0.08*
		For >150 To 300, Add	*0.05*
		For >300 To 500, Add	*0.02*
		For >3,500 To 5,000, Deduct	*-0.01*
		For >5,000, Deduct	*-0.03*
32 12 13 13-0002	SY	Tack Coat, 0.05 Gallon/SY	0.49
		For Up To 150, Add	*0.09*
		For >150 To 300, Add	*0.05*
		For >300 To 500, Add	*0.02*
		For >3,500 To 5,000, Deduct	*-0.01*
		For >5,000, Deduct	*-0.03*
32 12 13 13-0003	SY	Tack Coat, 0.07 Gallon/SY	0.57
		For Up To 150, Add	*0.11*
		For >150 To 300, Add	*0.06*
		For >300 To 500, Add	*0.03*
		For >3,500 To 5,000, Deduct	*-0.01*
		For >5,000, Deduct	*-0.04*
32 12 13 13-0004	SY	Tack Coat, 0.08 Gallon/SY	0.61
		For Up To 150, Add	*0.12*
		For >150 To 300, Add	*0.06*
		For >300 To 500, Add	*0.03*
		For >3,500 To 5,000, Deduct	*-0.02*
		For >5,000, Deduct	*-0.04*
32 12 13 13-0005	SY	Tack Coat, 0.10 Gallon/SY	0.69
		For Up To 150, Add	*0.14*
		For >150 To 300, Add	*0.07*
		For >300 To 500, Add	*0.03*
		For >3,500 To 5,000, Deduct	*-0.02*
		For >5,000, Deduct	*-0.04*
32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	0.74
		For Up To 150, Add	*0.16*
		For >150 To 300, Add	*0.07*
		For >300 To 500, Add	*0.04*
		For >3,500 To 5,000, Deduct	*-0.02*
		For >5,000, Deduct	*-0.05*

32 12 13 19 Prime Coats *(32 12 13)*

32 12 13 19-0001	SY	Surface Prime Coat, 0.26 Gallon/SY	1.22
		For Up To 150, Add	*0.27*
		For >150 To 300, Add	*0.12*
		For >300 To 500, Add	*0.06*
		For >3,500 To 5,000, Deduct	*-0.03*
		For >5,000, Deduct	*-0.08*
32 12 13 19-0002	SY	Surface Prime Coat, 0.28 Gallon/SY	1.28
		For Up To 150, Add	*0.29*
		For >150 To 300, Add	*0.13*
		For >300 To 500, Add	*0.06*
		For >3,500 To 5,000, Deduct	*-0.03*
		For >5,000, Deduct	*-0.09*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 13 19-0003	SY	Surface Prime Coat, 0.30 Gallon/SY	1.35	
		For Up To 150, Add	*0.30*	
		For >150 To 300, Add	*0.14*	
		For >300 To 500, Add	*0.07*	
		For >3,500 To 5,000, Deduct	*-0.03*	
		For >5,000, Deduct	*-0.09*	

32 12 16 Asphalt Paving *(32 12)*

32 12 16 13 Plant-Mix Asphalt Paving *(32 12 16)*

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0039 for hauling greater than 15 miles, 32 11 00 00-0000 for base courses, 32 12 13 13-0000 for tack coats, 32 12 13 19-0000 for prime coats, 32 12 16 39-0000 for roadway fabrics, 32 12 36 00-0000 for seal coats.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: Meets Caltrans requirements.

32 12 16 13-0002	TON	Bituminous Hot Mix Intermediate Course 3,954 LB/CY	137.02	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		For Warm Mix Additive, Add	*7.42*	
		For >500 To 1,000, Deduct	*-6.08*	
		For >1,000 To 2,500, Deduct	*-11.02*	
		For >2,500 To 5,000, Deduct	*-17.10*	
		For >5,000, Deduct	*-24.52*	
32 12 16 13-0003	SY	1" Thick Bituminous Hot Mix Binder Course	7.93	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000 To 50,000, Deduct	*-0.63*	
		For >50,000 To 100,000, Deduct	*-0.98*	
		For >100,000, Deduct	*-1.40*	
32 12 16 13-0004	SY	1-1/2" Thick Bituminous Hot Mix Binder Course	11.70	
		Note: Includes placement, rolling, finishing and sweeping.		
		For >7,000 To 14,000, Deduct	*-0.52*	
		For >14,000 To 32,000, Deduct	*-0.94*	
		For >32,000 To 64,000, Deduct	*-1.45*	
		For >64,000, Deduct	*-2.09*	
32 12 16 13-0005	SY	2" Thick Bituminous Hot Mix Binder Course	15.47	
		Note: Includes placement, rolling, finishing and sweeping.		
		For Up To 500, Add	*2.08*	
		For >500 To 1,000, Add	*1.14*	
		For >5,000 To 10,000, Deduct	*-0.69*	
		For >10,000 To 24,000, Deduct	*-1.25*	
		For >24,000 To 48,000, Deduct	*-1.93*	
		For >48,000, Deduct	*-2.77*	
32 12 16 13-0006	SY	2-1/2" Thick Bituminous Hot Mix Binder Course	18.83	
		Note: Includes placement, rolling, finishing and sweeping.		
		For Up To 400, Add	*2.45*	
		For >400 To 800, Add	*1.34*	
		For >4,000 To 8,000, Deduct	*-0.85*	
		For >8,000 To 20,000, Deduct	*-1.54*	
		For >20,000 To 40,000, Deduct	*-2.38*	
		For >40,000, Deduct	*-3.42*	
32 12 16 13-0007	SY	3" Thick Bituminous Hot Mix Binder Course	22.24	
		Note: Includes placement, rolling, finishing and sweeping.		
		For Up To 300, Add	*2.84*	
		For >300 To 600, Add	*2.48*	
		For >3,000 To 6,000, Deduct	*-1.01*	
		For >6,000 To 16,000, Deduct	*-1.83*	
		For >16,000 To 32,000, Deduct	*-2.84*	
		For >32,000, Deduct	*-4.07*	
32 12 16 13-0008	SY	3-1/2" Thick Bituminous Hot Mix Binder Course	25.90	
		Note: Includes placement, rolling, finishing and sweeping.		
		For Up To 280, Add	*3.30*	
		For >280 To 560, Add	*1.79*	
		For >2,800 To 5,600, Deduct	*-1.18*	
		For >5,600 To 14,000, Deduct	*-2.13*	
		For >14,000 To 28,000, Deduct	*-3.31*	
		For >28,000, Deduct	*-4.74*	
32 12 16 13-0009	SY	4" Thick Bituminous Hot Mix Binder Course	29.64	
		Note: Includes placement, rolling, finishing and sweeping.		
		For Up To 250, Add	*3.79*	
		For >250 To 500, Add	*2.05*	
		For >2,500 To 5,000, Deduct	*-1.34*	
		For >5,000 To 12,000, Deduct	*-2.44*	
		For >12,000 To 24,000, Deduct	*-3.78*	
		For >24,000, Deduct	*-5.42*	
32 12 16 13-0010	SY	5" Thick Bituminous Hot Mix Binder Course	37.01	
		Note: Includes placement, rolling, finishing and sweeping.		
		For Up To 200, Add	*4.72*	
		For >200 To 400, Add	*2.56*	
		For >2,000 To 4,000, Deduct	*-1.68*	
		For >4,000 To 10,000, Deduct	*-3.05*	
		For >10,000 To 20,000, Deduct	*-4.73*	
		For >20,000, Deduct	*-6.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0011	SY	6" Thick Bituminous Hot Mix Binder Course	44.46	
		Note: Includes placement, rolling, finishing and sweeping.		
		For Up To 160, Add	*5.68*	
		For >160 To 320, Add	*3.08*	
		For >1,600 To 3,200, Deduct	*-2.02*	
		For >3,200 To 8,000, Deduct	*-3.66*	
		For >8,000 To 16,000, Deduct	*-5.67*	
		For >16,000, Deduct	*-8.14*	

32 12 16 13-0012 Surface Courses, Hot Mix Asphalt (HMA) *(32 12 16 13)*

Note: Meets Caltrans requirements.

32 12 16 13-0013	TON	Bituminous Hot Mix Surface Course 3954 LB/CY	137.52	
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
		For PG64-10 Asphalt, Add	*2.72*	
		For Warm Mix Additive, Add	*7.08*	
		For >500 To 1,000, Deduct	*-5.91*	
		For >1,000 To 2,500, Deduct	*-10.74*	
		For >2,500 To 5,000, Deduct	*-16.65*	
		For >5,000, Deduct	*-23.89*	
32 12 16 13-0014	TON	Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR)	152.09	
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
		For Warm Mix Additive, Add	*7.72*	
32 12 16 13-0015	TON	Asphalt Rubberized Hot Mix (ARHM) Surface Course	162.98	
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
		For Warm Mix Additive, Add	*8.42*	
32 12 16 13-0016	SY	1" Thick Bituminous Hot Mix Surface Course	7.78	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.14*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000 To 50,000, Deduct	*-0.60*	
		For >50,000 To 100,000, Deduct	*-0.92*	
		For >100,000, Deduct	*-1.33*	
32 12 16 13-0017	SY	1-1/2" Thick Bituminous Hot Mix Surface Course	11.45	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.21*	
		For >7,000 To 14,000, Deduct	*-0.49*	
		For >14,000 To 32,000, Deduct	*-0.89*	
		For >32,000 To 64,000, Deduct	*-1.37*	
		For >64,000, Deduct	*-1.97*	
32 12 16 13-0018	SY	2" Thick Bituminous Hot Mix Surface Course	15.09	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.29*	
		For Up To 500, Add	*2.17*	
		For >500 To 1,000, Add	*1.21*	
		For >5,000 To 10,000, Deduct	*-0.64*	
		For >10,000 To 24,000, Deduct	*-1.17*	
		For >24,000 To 48,000, Deduct	*-1.82*	
		For >48,000, Deduct	*-2.61*	
32 12 16 13-0019	SY	2-1/2" Thick Bituminous Hot Mix Surface Course	18.24	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.36*	
		For Up To 400, Add	*2.54*	
		For >400 To 800, Add	*1.41*	
		For >4,000 To 8,000, Deduct	*-0.79*	
		For >8,000 To 20,000, Deduct	*-1.44*	
		For >20,000 To 40,000, Deduct	*-2.24*	
		For >40,000, Deduct	*-3.21*	
32 12 16 13-0020	SY	3" Thick Bituminous Hot Mix Surface Course	21.41	
		Note: Includes placement, rolling, finishing and sweeping.		
		For PG64-10 Asphalt, Add	*0.43*	
		For Up To 300, Add	*2.91*	
		For >300 To 600, Add	*2.46*	
		For >3,000 To 6,000, Deduct	*-0.94*	
		For >6,000 To 16,000, Deduct	*-1.71*	
		For >16,000 To 32,000, Deduct	*-2.65*	
		For >32,000, Deduct	*-3.81*	
32 12 16 13-0021	CSF	Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench	57.33	

32 12 16 13-0022 Hand Placed, Hot Mix Asphalt (HMA) *(32 12 16 13)*

32 12 16 13-0023	TON	Hand Placed Hot Mixed Asphalt 3,954 LB/CY	301.49	
		Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.		

32 12 16 19 Cold-Mix Asphalt Paving *(32 12 16)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0001 Cold Mix Asphalt (CMA) Pavement *(32 12 16 19)*

Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.

32 12 16 19-0002	SY	Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course	12.06	
32 12 16 19-0003	SY	Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course	11.79	
32 12 16 19-0004	SY	Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	19.87	

32 12 16 39 Paving Fabrics *(32 12 16)*

See CSI section 31 32 19 16-0000 for geotextile fabric.

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 39-0001	SY	3.6 Oz/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	0.90	
		For Up To 50, Add	*0.21*	
		For >50 To 150, Add	*0.16*	
		For >150 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.05*	
32 12 16 39-0002	SY	4.1 Oz/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)	0.97	
		For Up To 50, Add	*0.23*	
		For >50 To 150, Add	*0.17*	
		For >150 To 250, Add	*0.11*	
		For >250 To 500, Add	*0.05*	

32 12 16 43 Waterproofing Membranes *(32 12 16)*

32 12 16 43-0001 Waterproofing Membranes *(32 12 16 43)*

32 12 16 43-0002	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane	31.32
32 12 16 43-0003	SY	>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane	23.66
32 12 16 43-0004	SY	>1,000 SY, Preformed Rubberized Asphalt Membrane	15.01

32 12 33 Flexible Paving Surface Treatments *(32 12)*

32 12 33 00-0001 Bituminous Surface Treatment For Roadways *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.

32 12 33 00-0002	SY	Single Course Bituminous Treatment, Prepare And Clean Surface Roadway	2.86
32 12 33 00-0003	SY	Double Course Bituminous Treatment, Prepare And Clean Surface Roadway	5.11

32 12 33 00-0004 Bituminous Surface Treatment For Trails *(32 12 33)*

Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY.

32 12 33 00-0005	SY	Bituminous Surface Treatment, For Trails	2.02

32 12 36 Seal Coats *(32 12)*

See CSI section 32 01 13 62-0000 for slurry seal.

32 12 36 13 Asphaltic Seal and Fog Coats *(32 12 36)*

32 12 36 13-0001 Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping.

32 12 36 13-0002 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0003	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.52
		For Each Additional 0.5% Latex Additive, Add	*0.19*
32 12 36 13-0004	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.37
		For Each Additional 0.5% Latex Additive, Add	*0.19*
32 12 36 13-0005	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.27
		For Each Additional 0.5% Latex Additive, Add	*0.19*
32 12 36 13-0006	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.13
		For Each Additional 0.5% Latex Additive, Add	*0.19*
32 12 36 13-0007	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.06
		For Each Additional 0.5% Latex Additive, Add	*0.19*
32 12 36 13-0008	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.01
		For Each Additional 0.5% Latex Additive, Add	*0.19*
32 12 36 13-0009	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	1.93
		For Each Additional 0.5% Latex Additive, Add	*0.19*
32 12 36 13-0010	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	1.91
		For Each Additional 0.5% Latex Additive, Add	*0.19*

32 12 36 13-0011 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0012	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.04
		For Each Additional 0.5% Latex Additive, Add	*0.24*
32 12 36 13-0013	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.84
		For Each Additional 0.5% Latex Additive, Add	*0.24*
32 12 36 13-0014	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.70
		For Each Additional 0.5% Latex Additive, Add	*0.24*
32 12 36 13-0015	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.64
		For Each Additional 0.5% Latex Additive, Add	*0.24*
32 12 36 13-0016	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.43
		For Each Additional 0.5% Latex Additive, Add	*0.24*
32 12 36 13-0017	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.31
		For Each Additional 0.5% Latex Additive, Add	*0.24*
32 12 36 13-0018	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.22
		For Each Additional 0.5% Latex Additive, Add	*0.24*
32 12 36 13-0019	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.18
		For Each Additional 0.5% Latex Additive, Add	*0.24*

32 12 36 13-0020 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0021	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.46
		For Each Additional 0.5% Latex Additive, Add	*0.28*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0022	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.22	
		For Each Additional 0.5% Latex Additive, Add	*0.28*	
32 12 36 13-0023	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.03	
		For Each Additional 0.5% Latex Additive, Add	*0.28*	
32 12 36 13-0024	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.82	
		For Each Additional 0.5% Latex Additive, Add	*0.28*	
32 12 36 13-0025	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.69	
		For Each Additional 0.5% Latex Additive, Add	*0.28*	
32 12 36 13-0026	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.51	
		For Each Additional 0.5% Latex Additive, Add	*0.28*	
32 12 36 13-0027	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.40	
		For Each Additional 0.5% Latex Additive, Add	*0.28*	
32 12 36 13-0028	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.37	
		For Each Additional 0.5% Latex Additive, Add	*0.28*	

32 12 36 13-0029 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0030	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.52	
		For Each Additional 0.5% Latex Additive, Add	*0.32*	
32 12 36 13-0031	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.28	
		For Each Additional 0.5% Latex Additive, Add	*0.32*	
32 12 36 13-0032	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.09	
		For Each Additional 0.5% Latex Additive, Add	*0.32*	
32 12 36 13-0033	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.88	
		For Each Additional 0.5% Latex Additive, Add	*0.32*	
32 12 36 13-0034	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.76	
		For Each Additional 0.5% Latex Additive, Add	*0.32*	
32 12 36 13-0035	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.65	
		For Each Additional 0.5% Latex Additive, Add	*0.32*	
32 12 36 13-0036	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.47	
		For Each Additional 0.5% Latex Additive, Add	*0.32*	
32 12 36 13-0037	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	2.43	
		For Each Additional 0.5% Latex Additive, Add	*0.32*	

32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0039	SY	Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.47	
		For Each Additional 0.5% Latex Additive, Add	*0.47*	
32 12 36 13-0040	SY	>200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.08	
		For Each Additional 0.5% Latex Additive, Add	*0.47*	
32 12 36 13-0041	SY	>500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.78	
		For Each Additional 0.5% Latex Additive, Add	*0.47*	
32 12 36 13-0042	SY	>1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.43	
		For Each Additional 0.5% Latex Additive, Add	*0.47*	
32 12 36 13-0043	SY	>5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.24	
		For Each Additional 0.5% Latex Additive, Add	*0.47*	
32 12 36 13-0044	SY	>10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.01	
		For Each Additional 0.5% Latex Additive, Add	*0.47*	
32 12 36 13-0045	SY	>20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.82	
		For Each Additional 0.5% Latex Additive, Add	*0.47*	
32 12 36 13-0046	SY	>50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.76	
		For Each Additional 0.5% Latex Additive, Add	*0.47*	

32 12 36 13-0047 Fog Seal, CQS-1h *(32 12 36 13)*

Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.

32 12 36 13-0048	SY	Up To 200 SY, CQS-1h, Fog Seal	1.26
32 12 36 13-0049	SY	>200 To 500 SY, CQS-1h, Fog Seal	0.86
32 12 36 13-0050	SY	>500 To 1,000 SY, CQS-1h, Fog Seal	0.70
32 12 36 13-0051	SY	>1,000 To 5,000 SY, CQS-1h, Fog Seal	0.57
32 12 36 13-0052	SY	>5,000 To 10,000 SY, CQS-1h, Fog Seal	0.51
32 12 36 13-0053	SY	>10,000 To 20,000 SY, CQS-1h, Fog Seal	0.44
32 12 36 13-0054	SY	>20,000 To 50,000 SY, CQS-1h, Fog Seal	0.40
32 12 36 13-0055	SY	>50,000 SY, CQS-1h, Fog Seal	0.37

32 12 36 13-0056 Sand Sealer *(32 12 36 13)*

Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.

32 12 36 13-0057	SY	Up To 200 SY, Sand Seal	1.99
32 12 36 13-0058	SY	>200 To 500 SY, Sand Seal	1.25
32 12 36 13-0059	SY	>500 To 1,000 SY, Sand Seal	1.23
32 12 36 13-0060	SY	>1,000 To 5,000 SY, Sand Seal	1.07
32 12 36 13-0061	SY	>5,000 To 10,000 SY, Sand Seal	0.98
32 12 36 13-0062	SY	>10,000 To 20,000 SY, Sand Seal	0.91
32 12 36 13-0063	SY	>20,000 To 50,000 SY, Sand Seal	0.85
32 12 36 13-0064	SY	>50,000 SY, Sand Seal	0.83

32 12 36 16 Coal Tar Seal Coats *(32 12 36)*

32 12 36 16-0001 Thermoplastic Coal-Tar Asphalt Seal *(32 12 36 16)*

Note: Includes sweeping and cleaning of area.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 16-0002	SY	Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	7.65	
32 12 36 16-0003	SY	>500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	7.09	
32 12 36 16-0004	SY	>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	6.20	
32 12 36 16-0005	SY	>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	5.49	
32 12 36 16-0006	SY	>20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	4.60	
32 12 36 16-0007	SY	>50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	3.71	
32 12 36 16-0008	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	9.03	
32 12 36 16-0009	SY	>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	8.42	
32 12 36 16-0010	SY	>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	7.39	
32 12 36 16-0011	SY	>5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	6.58	
32 12 36 16-0012	SY	>20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	5.55	
32 12 36 16-0013	SY	>50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	4.52	

32 12 43 Porous Flexible Paving *(32 12)*

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid *(32 12 43)*

Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.

32 12 43 00-0002	SY	1" Thick, Recycled Plastic Flexible Pavement With Sand Fill Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2.	26.19
		For Up To 100, Add	*9.31*
		For >100 To 500, Add	*2.41*
		For >1,000 To 5,000, Deduct	*-1.11*
		For >5,000, Deduct	*-2.11*

32 12 73 Asphalt Paving Joint Sealants *(32 12)*

32 12 73 00-0001 Expansion Joint In Sidewalk *(32 12 73)*

32 12 73 00-0002	LF	For Hot Asphalt Poured Over Expansion Joint In Sidewalk	3.99

32 13 Rigid Paving *(32 10)*

32 13 13 Concrete Paving *(32 13)*

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving *(32 13 13)*

32 13 13 33-0001 Concrete Paving Assemblies *(32 13 13 33)*

Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.

32 13 13 33-0002 4,500 PSI Concrete Paving Assembly *(32 13 13 33-0001)*

32 13 13 33-0003	SY	4" 4,500 PSI Concrete Paving Assembly	50.75
		For 2,500 PSI Concrete, Deduct	*-3.14*
		For 3,000 PSI Concrete, Deduct	*-2.05*
		For 3,500 PSI Concrete, Deduct	*-1.64*
		For 4,000 PSI Concrete, Deduct	*-0.71*
		For 5,000 PSI Concrete, Add	*0.44*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*3.55*
		For <12' Wide Pass, Add	*8.59*
		For 24' Or Greater Wide Pass, Deduct	*-10.15*
		For Air Entrainment, Add	*1.37*
		For Slipforming, Deduct	*-5.08*
		For Up To 100, Add	*19.51*
		For >100 To 250, Add	*11.12*
		For >250 To 500, Add	*5.56*
		For >1,000 To 2,000, Deduct	*-1.37*
		For >2,000 To 5,000, Deduct	*-2.64*
		For >5,000 To 10,000, Deduct	*-3.90*
		For >10,000 To 20,000, Deduct	*-5.17*
		For >20,000, Deduct	*-6.44*
32 13 13 33-0004	SY	5" 4,500 PSI Concrete Paving Assembly	60.32
		For 2,500 PSI Concrete, Deduct	*-3.95*
		For 3,000 PSI Concrete, Deduct	*-2.57*
		For 3,500 PSI Concrete, Deduct	*-2.06*
		For 4,000 PSI Concrete, Deduct	*-0.89*
		For 5,000 PSI Concrete, Add	*0.55*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.46*
		For <12' Wide Pass, Add	*9.93*
		For 24' Or Greater Wide Pass, Deduct	*-12.06*
		For Air Entrainment, Add	*1.72*
		For Slipforming, Deduct	*-6.03*
		For Up To 100, Add	*22.47*
		For >100 To 250, Add	*12.95*
		For >250 To 500, Add	*6.47*
		For >1,000 To 2,000, Deduct	*-1.72*
		For >2,000 To 5,000, Deduct	*-3.22*
		For >5,000 To 10,000, Deduct	*-4.73*
		For >10,000 To 20,000, Deduct	*-6.24*
		For >20,000, Deduct	*-7.75*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0005	SY	6" 4,500 PSI Concrete Paving Assembly	64.38	
		For 2,500 PSI Concrete, Deduct	*-4.16*	
		For 3,000 PSI Concrete, Deduct	*-2.72*	
		For 3,500 PSI Concrete, Deduct	*-2.17*	
		For 4,000 PSI Concrete, Deduct	*-0.94*	
		For 5,000 PSI Concrete, Add	*0.58*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.71*	
		For <12' Wide Pass, Add	*10.67*	
		For 24' Or Greater Wide Pass, Deduct	*-12.88*	
		For Air Entrainment, Add	*1.81*	
		For Slipforming, Deduct	*-6.44*	
		For Up To 100, Add	*24.15*	
		For >100 To 250, Add	*13.88*	
		For >250 To 500, Add	*6.94*	
		For >1,000 To 2,000, Deduct	*-1.81*	
		For >2,000 To 5,000, Deduct	*-3.42*	
		For >5,000 To 10,000, Deduct	*-5.03*	
		For >10,000 To 20,000, Deduct	*-6.64*	
		For >20,000, Deduct	*-8.25*	
32 13 13 33-0006	SY	7" 4,500 PSI Concrete Paving Assembly	76.87	
		For 2,500 PSI Concrete, Deduct	*-5.25*	
		For 3,000 PSI Concrete, Deduct	*-3.42*	
		For 3,500 PSI Concrete, Deduct	*-2.74*	
		For 4,000 PSI Concrete, Deduct	*-1.19*	
		For 5,000 PSI Concrete, Add	*0.73*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.93*	
		For <12' Wide Pass, Add	*12.37*	
		For 24' Or Greater Wide Pass, Deduct	*-15.37*	
		For Air Entrainment, Add	*2.28*	
		For Slipforming, Deduct	*-7.69*	
		For Up To 100, Add	*27.86*	
		For >100 To 250, Add	*16.21*	
		For >250 To 500, Add	*8.11*	
		For >1,000 To 2,000, Deduct	*-2.28*	
		For >2,000 To 5,000, Deduct	*-4.20*	
		For >5,000 To 10,000, Deduct	*-6.13*	
		For >10,000 To 20,000, Deduct	*-8.05*	
		For >20,000, Deduct	*-9.97*	
32 13 13 33-0007	SY	8" 4,500 PSI Concrete Paving Assembly	87.56	
		For 2,500 PSI Concrete, Deduct	*-5.76*	
		For 3,000 PSI Concrete, Deduct	*-3.76*	
		For 3,500 PSI Concrete, Deduct	*-3.01*	
		For 4,000 PSI Concrete, Deduct	*-1.30*	
		For 5,000 PSI Concrete, Add	*0.80*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*6.51*	
		For <12' Wide Pass, Add	*14.38*	
		For 24' Or Greater Wide Pass, Deduct	*-17.51*	
		For Air Entrainment, Add	*2.51*	
		For Slipforming, Deduct	*-8.76*	
		For Up To 100, Add	*32.50*	
		For >100 To 250, Add	*18.75*	
		For >250 To 500, Add	*9.38*	
		For >1,000 To 2,000, Deduct	*-2.51*	
		For >2,000 To 5,000, Deduct	*-4.69*	
		For >5,000 To 10,000, Deduct	*-6.88*	
		For >10,000 To 20,000, Deduct	*-9.07*	
		For >20,000, Deduct	*-11.26*	
32 13 13 33-0008	SY	9" 4,500 PSI Concrete Paving Assembly	99.25	
		For 2,500 PSI Concrete, Deduct	*-6.66*	
		For 3,000 PSI Concrete, Deduct	*-4.34*	
		For 3,500 PSI Concrete, Deduct	*-3.47*	
		For 4,000 PSI Concrete, Deduct	*-1.51*	
		For 5,000 PSI Concrete, Add	*0.93*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*7.53*	
		For <12' Wide Pass, Add	*16.13*	
		For 24' Or Greater Wide Pass, Deduct	*-19.85*	
		For Air Entrainment, Add	*2.89*	
		For Slipforming, Deduct	*-9.93*	
		For Up To 100, Add	*36.39*	
		For >100 To 250, Add	*21.09*	
		For >250 To 500, Add	*10.55*	
		For >1,000 To 2,000, Deduct	*-2.89*	
		For >2,000 To 5,000, Deduct	*-5.38*	
		For >5,000 To 10,000, Deduct	*-7.86*	
		For >10,000 To 20,000, Deduct	*-10.34*	
		For >20,000, Deduct	*-12.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0009	SY	10" 4,500 PSI Concrete Paving Assembly	110.50	
		For 2,500 PSI Concrete, Deduct	*-7.32*	
		For 3,000 PSI Concrete, Deduct	*-4.78*	
		For 3,500 PSI Concrete, Deduct	*-3.82*	
		For 4,000 PSI Concrete, Deduct	*-1.66*	
		For 5,000 PSI Concrete, Add	*1.02*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*8.28*	
		For <12' Wide Pass, Add	*18.07*	
		For 24' Or Greater Wide Pass, Deduct	*-22.10*	
		For Air Entrainment, Add	*3.18*	
		For Slipforming, Deduct	*-11.05*	
		For Up To 100, Add	*40.83*	
		For >100 To 250, Add	*23.60*	
		For >250 To 500, Add	*11.80*	
		For >1,000 To 2,000, Deduct	*-3.18*	
		For >2,000 To 5,000, Deduct	*-5.95*	
		For >5,000 To 10,000, Deduct	*-8.71*	
		For >10,000 To 20,000, Deduct	*-11.47*	
		For >20,000, Deduct	*-14.23*	
32 13 13 33-0010	SY	12" 4,500 PSI Concrete Paving Assembly	131.60	
		For 2,500 PSI Concrete, Deduct	*-8.67*	
		For 3,000 PSI Concrete, Deduct	*-5.66*	
		For 3,500 PSI Concrete, Deduct	*-4.52*	
		For 4,000 PSI Concrete, Deduct	*-1.96*	
		For 5,000 PSI Concrete, Add	*1.21*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*9.80*	
		For <12' Wide Pass, Add	*21.59*	
		For 24' Or Greater Wide Pass, Deduct	*-26.32*	
		For Air Entrainment, Add	*3.77*	
		For Slipforming, Deduct	*-13.16*	
		For Up To 100, Add	*48.80*	
		For >100 To 250, Add	*28.17*	
		For >250 To 500, Add	*14.08*	
		For >1,000 To 2,000, Deduct	*-3.77*	
		For >2,000 To 5,000, Deduct	*-7.06*	
		For >5,000 To 10,000, Deduct	*-10.35*	
		For >10,000 To 20,000, Deduct	*-13.64*	
		For >20,000, Deduct	*-16.93*	
32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly	167.17	
		For 2,500 PSI Concrete, Deduct	*-10.65*	
		For 3,000 PSI Concrete, Deduct	*-6.95*	
		For 3,500 PSI Concrete, Deduct	*-5.56*	
		For 4,000 PSI Concrete, Deduct	*-2.41*	
		For 5,000 PSI Concrete, Add	*1.48*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.04*	
		For <12' Wide Pass, Add	*27.90*	
		For 24' Or Greater Wide Pass, Deduct	*-33.43*	
		For Air Entrainment, Add	*4.63*	
		For Slipforming, Deduct	*-16.72*	
		For Up To 100, Add	*63.26*	
		For >100 To 250, Add	*36.26*	
		For >250 To 500, Add	*18.13*	
		For >1,000 To 2,000, Deduct	*-4.63*	
		For >2,000 To 5,000, Deduct	*-8.81*	
		For >5,000 To 10,000, Deduct	*-12.99*	
		For >10,000 To 20,000, Deduct	*-17.17*	
		For >20,000, Deduct	*-21.35*	

32 13 16 Decorative Concrete Paving *(32 13)*

32 13 16 13 Patterned Concrete Paving *(32 13 16)*

32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Concrete Sidewalk	4.09	

32 13 43 Pervious Concrete Paving *(32 13)*

32 13 43 00-0001 Pervious Concrete Assembly *(32 13 43)*

Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.

32 13 43 00-0002	SF	6" Thick Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	12.51	
		For >5,000 To 30,000, Deduct	*-1.37*	
		For >30,000 To 100,000, Deduct	*-2.56*	
		For >100,000, Deduct	*-3.18*	
32 13 43 00-0003	SF	9" Thick Pervious Concrete Paving Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.	15.65	
		For >5,000 To 30,000, Deduct	*-1.68*	
		For >30,000 To 100,000, Deduct	*-3.07*	
		For >100,000, Deduct	*-3.82*	

32 13 73 Concrete Paving Joint Sealants *(32 13)*

32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 13-0001 Concrete Pavement Joint And Crack Repair *(32 13 73 13)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 13-0002	LF	Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads	7.60	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 13 73 16 Field-Molded Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 16-0001 Preformed Elastomeric Concrete Pavement Joint And Crack Repair *(32 13 73 16)*

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 16-0002	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric	11.61	

32 13 73 19 Compression Concrete Paving Joint Sealants *(32 13 73)*

32 13 73 19-0001 Silicone Joint Sealant For Concrete Pavement *(32 13 73 19)*

Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.

32 13 73 19-0002	LF	1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	8.47	2.04
32 13 73 19-0003	LF	3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	8.81	2.07
32 13 73 19-0004	LF	1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	9.17	2.11
32 13 73 19-0005	LF	3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	10.24	2.16
32 13 73 19-0006	LF	1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	11.58	2.20
32 13 73 19-0007	LF	1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	13.34	2.24
32 13 73 19-0008	LF	2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	15.96	2.29

32 14 Unit Paving *(32 10)*

32 14 09 Paver Restraints *(32 14)*

32 14 09 00-0001 Paver Restraints *(32 14 09)*

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint	3.31	0.89
		For >1,000 To 2,000, Deduct	*-0.41*	
		For >2,000 To 4,000, Deduct	*-0.60*	
		For >4,000, Deduct	*-0.77*	
32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint	3.56	0.89
		For >500 To 1,000, Deduct	*-0.11*	
		For >1,000 To 2,000, Deduct	*-0.21*	
		For >2,000, Deduct	*-0.32*	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint	3.43	0.89
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.30*	
		For >1,000 To 1,500, Deduct	*-0.50*	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint	3.99	0.89
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.38*	
		For >1,000 To 1,500, Deduct	*-0.64*	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint	5.07	0.89
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.55*	
		For >1,000 To 1,500, Deduct	*-0.91*	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint	5.90	0.89
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000 To 1,500, Deduct	*-1.12*	

32 14 11 Bedding For Unit Paving *(32 14)*

32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk *(32 14 11)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 14 11 00-0002	SF	1" To 2" Sand Bedding, Screeded	0.94	
		For Up To 100, Add	*0.41*	
		For >100 To 500, Add	*0.12*	
		For >1,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.11*	
32 14 11 00-0003	SF	1" To 2" Stone Dust Bedding, Screeded	1.14	
		For Up To 100, Add	*0.46*	
		For >100 To 500, Add	*0.13*	
		For >1,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.12*	
32 14 11 00-0004	SF	3" Stone Dust Bedding, Screeded	1.47	
		For Up To 100, Add	*0.58*	
		For >100 To 500, Add	*0.16*	
		For >1,000 To 5,000, Deduct	*-0.08*	
		For >5,000, Deduct	*-0.14*	
32 14 11 00-0005	SF	4" Stone Dust Bedding, Screeded	1.87	
		For Up To 100, Add	*0.72*	
		For >100 To 500, Add	*0.19*	
		For >1,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.18*	
32 14 11 00-0006	SF	1" Mortar Bedding	2.87	
		For Up To 100, Add	*1.29*	
		For >100 To 500, Add	*0.37*	
		For >1,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 11 00-0007	SF	2" Mortar Bedding	4.22	
		For Up To 100, Add	*1.82*	
		For >100 To 500, Add	*0.52*	
		For >1,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.50*	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.52	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.20*	
		For >1,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.19*	

32 14 13 Precast Concrete Unit Paving *(32 14)*

32 14 13 16 Precast Concrete Unit Paving Slabs *(32 14 13)*

32 14 13 16-0001 Precast Concrete Paver Sidewalk *(32 14 13 16)*

Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver	10.39	2.86
		Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.98*	
		For 3-1/8" Concrete Paver, Add	*1.59*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.81*	
		For Up To 100, Add	*4.04*	
		For >100 To 500, Add	*1.09*	
		For >1,000 To 5,000, Deduct	*-0.58*	
		For >5,000, Deduct	*-1.00*	
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver	9.87	2.62
		Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.96*	
		For 3-1/8" Concrete Paver, Add	*1.55*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.76*	
		For Up To 100, Add	*3.78*	
		For >100 To 500, Add	*1.02*	
		For >1,000 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-0.92*	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver	9.40	2.08
		Note: Includes 6" x 12", 12" x 12" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.93*	
		For 3-1/8" Concrete Paver, Add	*1.52*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.71*	
		For Up To 100, Add	*3.54*	
		For >100 To 500, Add	*0.95*	
		For >1,000 To 5,000, Deduct	*-0.48*	
		For >5,000, Deduct	*-0.85*	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver	8.97	2.16
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	*0.91*	
		For 3-1/8" Concrete Paver, Add	*1.48*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.67*	
		For Up To 100, Add	*3.33*	
		For >100 To 500, Add	*0.88*	
		For >1,000 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-0.79*	
32 14 13 16-0006	SF	2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns	9.62	2.49
		Note: Patterns made by combining pavers from two or more size groups.		
		For 2-3/4" Concrete Paver, Add	*0.95*	
		For 3-1/8" Concrete Paver, Add	*1.53*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.73*	
		For Up To 100, Add	*3.65*	
		For >100 To 500, Add	*0.98*	
		For >1,000 To 5,000, Deduct	*-0.50*	
		For >5,000, Deduct	*-0.89*	

32 14 13 19 Porous Precast Concrete Unit Paving *(32 14 13)*

32 14 13 19-0001 Turf Block *(32 14 13 19)*

Note: Grass grid, open-cell unit paver, geoblock.

32 14 13 19-0002	SF	3-1/8" Thick, Precast Concrete Turf Block	8.77	2.49
		For Up To 100, Add	*3.44*	
		For >100 To 500, Add	*0.94*	
		For >1,000 To 5,000, Deduct	*-0.50*	
		For >5,000, Deduct	*-0.86*	

32 14 16 Brick Unit Paving *(32 14)*

32 14 16 00-0001 Brick Paver Sidewalk *(32 14 16)*

Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

32 14 16 00-0002	SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	10.74	2.86
		For 1-3/8" Thick Paver, Deduct	*-2.03*	
		For 2-3/4" Thick Paver (Vehicular), Add	*4.55*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.82*	
		For Up To 100, Add	*4.12*	
		For >100 To 500, Add	*1.11*	
		For >1,000 To 5,000, Deduct	*-0.58*	
		For >5,000, Deduct	*-1.01*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 16 00-0003	SF	4" x 8" x 2-1/4" Brick, Laid On Edge	15.41	3.27
		For 1-3/8" Thick Paver, Deduct	*-3.43*	
		For 2-3/4" Thick Paver (Vehicular), Add	*7.90*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.10*	
		For Up To 100, Add	*5.49*	
		For >100 To 500, Add	*1.42*	
		For >1,000 To 5,000, Deduct	*-0.65*	
		For >5,000, Deduct	*-1.25*	

32 14 33 Plastic Paving *(32 14)*

32 14 33 13 Permeable Plastic Paving *(32 14 33)*

32 14 33 13-0001 Turf Block Plastic Paving *(32 14 33 13)*

32 14 33 13-0002	SF	4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block	12.51	2.49
		For Up To 100, Add	*4.37*	
		For >100 To 500, Add	*1.12*	
		For >1,000 To 5,000, Deduct	*-0.50*	
		For >5,000, Deduct	*-0.97*	

32 14 40 Stone Paving *(32 14)*

32 14 40 00-0001 Slate Paver Sidewalk *(32 14 40)*

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0002	SF	1" Thick, Up to 54 SI Slate Paver	15.19	2.38
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.00*	
		For Up To 100, Add	*4.99*	
		For >100 To 500, Add	*1.24*	
		For >1,000 To 5,000, Deduct	*-0.48*	
		For >5,000, Deduct	*-1.03*	
		For 1/4" Thick Paver, Deduct	*-7.87*	
		For 1/2" Thick Paver, Deduct	*-5.51*	
32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver	14.76	2.16
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.95*	
		For Up To 100, Add	*4.77*	
		For >100 To 500, Add	*1.17*	
		For >1,000 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-0.96*	
		For 1/4" Thick Paver, Deduct	*-7.76*	
		For 1/2" Thick Paver, Deduct	*-5.45*	
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver	14.00	1.79
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.88*	
		For Up To 100, Add	*4.39*	
		For >100 To 500, Add	*1.06*	
		For >1,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.85*	
		For 1/4" Thick Paver, Deduct	*-7.57*	
		For 1/2" Thick Paver, Deduct	*-5.33*	
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver	13.68	1.62
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.85*	
		For Up To 100, Add	*4.23*	
		For >100 To 500, Add	*1.01*	
		For >1,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.80*	
		For 1/4" Thick Paver, Deduct	*-7.49*	
		For 1/2" Thick Paver, Deduct	*-5.29*	
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns	14.34	1.96
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.91*	
		For Up To 100, Add	*4.56*	
		For >100 To 500, Add	*1.11*	
		For >1,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.90*	
		For 1/4" Thick Paver, Deduct	*-7.65*	
		For 1/2" Thick Paver, Deduct	*-5.38*	

32 14 40 00-0007 Granite Paver Sidewalk *(32 14 40)*

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver	20.42	2.38
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.26*	
		For 2" Granite Paver, Add	*1.02*	
		For 3" Granite Paver, Add	*2.04*	
		For 4" Granite Paver, Add	*2.28*	
		For Up To 100, Add	*6.30*	
		For >100 To 500, Add	*1.50*	
		For >1,000 To 5,000, Deduct	*-0.48*	
		For >5,000, Deduct	*-1.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.	19.99	2.16
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.22*	
		For 2" Granite Paver, Add	*1.00*	
		For 3" Granite Paver, Add	*2.00*	
		For 4" Granite Paver, Add	*2.22*	
		For Up To 100, Add	*6.08*	
		For >100 To 500, Add	*1.43*	
		For >1,000 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-1.12*	
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.	19.23	1.79
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.14*	
		For 2" Granite Paver, Add	*0.96*	
		For 3" Granite Paver, Add	*1.92*	
		For 4" Granite Paver, Add	*2.10*	
		For Up To 100, Add	*5.70*	
		For >100 To 500, Add	*1.32*	
		For >1,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-1.01*	
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.	18.91	1.62
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.11*	
		For 2" Granite Paver, Add	*0.95*	
		For 3" Granite Paver, Add	*1.89*	
		For 4" Granite Paver, Add	*2.05*	
		For Up To 100, Add	*5.54*	
		For >100 To 500, Add	*1.27*	
		For >1,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.96*	
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups.	19.57	1.96
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.17*	
		For 2" Granite Paver, Add	*0.98*	
		For 3" Granite Paver, Add	*1.96*	
		For 4" Granite Paver, Add	*2.15*	
		For Up To 100, Add	*5.87*	
		For >100 To 500, Add	*1.37*	
		For >1,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-1.06*	

32 15 Aggregate Surfacing *(32 10)*

32 15 40 Crushed Stone Surfacing *(32 15)*

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 15 40 00-0001 Gravel Surfacing And Spreading *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0002	CY	Gravel Surfacing And Spreading	70.89	

32 15 40 00-0003 Limestone Screenings *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.

32 15 40 00-0004	CY	Limestone Screenings For Trail	64.85	

32 15 40 00-0005 Decomposed Granite *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0006	SY	3" To 4" Thick Decomposed Granite Screenings With Stabilizer Pathway Note: Placed in 2 lifts.	12.38	
		For Additional 2" Lift	*6.19*	
		For >45 To 180, Deduct	*-0.87*	
		For >180 To 450, Deduct	*-1.12*	
		For >450, Deduct	*-1.37*	

32 16 Curbs, Gutters, Sidewalks, And Driveways *(32 10)*

32 16 13 Curbs And Gutters *(32 16)*

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0001 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs And Gutters *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001 Cast In Place Concrete Curb And Gutter *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0002	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	23.50	10.55
		For Up To 20, Add	*15.95*	
		For >20 To 50, Add	*8.90*	
		For >50 To 100, Add	*3.53*	
		For >500 To 1,000, Deduct	*-3.02*	
		For >1,000, Deduct	*-5.12*	
		For Rolled Curb And Gutter	*1.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0003	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	25.63	14.07
		For Up To 20, Add	*17.40*	
		For >20 To 50, Add	*9.71*	
		For >50 To 100, Add	*3.84*	
		For >500 To 1,000, Deduct	*-3.31*	
		For >1,000, Deduct	*-5.60*	
		For Rolled Curb And Gutter	*1.73*	
32 16 13 13-0004	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	29.85	11.70
		For Up To 20, Add	*20.24*	
		For >20 To 50, Add	*11.29*	
		For >50 To 100, Add	*4.48*	
		For >500 To 1,000, Deduct	*-3.82*	
		For >1,000, Deduct	*-6.48*	
		For Rolled Curb And Gutter	*1.97*	
32 16 13 13-0005	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	32.97	13.02
		For Up To 20, Add	*22.38*	
		For >20 To 50, Add	*12.49*	
		For >50 To 100, Add	*4.95*	
		For >500 To 1,000, Deduct	*-4.24*	
		For >1,000, Deduct	*-7.19*	
		For Rolled Curb And Gutter	*2.21*	
32 16 13 13-0006	LF	6" x 24" Concrete Gutter With 6" Curb And Face - Straight (Type A3-6)	36.19	14.07
		For Up To 20, Add	*24.53*	
		For >20 To 50, Add	*13.67*	
		For >50 To 100, Add	*5.43*	
		For >500 To 1,000, Deduct	*-4.62*	
		For >1,000, Deduct	*-7.84*	
		For Rolled Curb And Gutter	*2.37*	
32 16 13 13-0007	LF	6" x 24" Concrete Gutter With 6" Curb And Face - Radius (Type A3-6)	40.31	15.83
		For Up To 20, Add	*27.35*	
		For >20 To 50, Add	*15.26*	
		For >50 To 100, Add	*6.05*	
		For >500 To 1,000, Deduct	*-5.18*	
		For >1,000, Deduct	*-8.78*	
		For Rolled Curb And Gutter	*2.69*	
32 16 13 13-0008	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	42.98	16.71
		For Up To 20, Add	*29.13*	
		For >20 To 50, Add	*16.24*	
		For >50 To 100, Add	*6.45*	
		For >500 To 1,000, Deduct	*-5.49*	
		For >1,000, Deduct	*-9.31*	
		For Rolled Curb And Gutter	*2.82*	
32 16 13 13-0009	LF	6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	47.23	18.48
		For Up To 20, Add	*32.03*	
		For >20 To 50, Add	*17.86*	
		For >50 To 100, Add	*7.08*	
		For >500 To 1,000, Deduct	*-6.06*	
		For >1,000, Deduct	*-10.26*	
		For Rolled Curb And Gutter	*3.13*	
32 16 13 13-0010	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	49.77	19.36
		For Up To 20, Add	*33.73*	
		For >20 To 50, Add	*18.80*	
		For >50 To 100, Add	*7.47*	
		For >500 To 1,000, Deduct	*-6.36*	
		For >1,000, Deduct	*-10.78*	
		For Rolled Curb And Gutter	*3.26*	
32 16 13 13-0011	LF	6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	54.14	21.11
		For Up To 20, Add	*36.71*	
		For >20 To 50, Add	*20.46*	
		For >50 To 100, Add	*8.12*	
		For >500 To 1,000, Deduct	*-6.93*	
		For >1,000, Deduct	*-11.75*	
		For Rolled Curb And Gutter	*3.57*	
32 16 13 13-0012	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	56.56	21.99
		For Up To 20, Add	*38.33*	
		For >20 To 50, Add	*21.37*	
		For >50 To 100, Add	*8.48*	
		For >500 To 1,000, Deduct	*-7.23*	
		For >1,000, Deduct	*-12.25*	
		For Rolled Curb And Gutter	*3.71*	
32 16 13 13-0013	LF	6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	62.80	24.63
		For Up To 20, Add	*42.61*	
		For >20 To 50, Add	*23.77*	
		For >50 To 100, Add	*9.42*	
		For >500 To 1,000, Deduct	*-8.07*	
		For >1,000, Deduct	*-13.67*	
		For Rolled Curb And Gutter	*4.18*	

32 16 13 13-0014 Cast In Place Concrete Curbs *(32 16 13 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0015	LF	6" x 12" Cast In Place Concrete Curb (Type A1-6)	17.35	8.86
		For Up To 20, Add	*10.56*	
		For >20 To 50, Add	*5.99*	
		For >50 To 100, Add	*2.29*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000, Deduct	*-3.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0016	LF	6" x 12" Cast In Place Concrete Curb - Radius (Type A1-6)	19.89	10.19
		For Up To 20, Add	*12.18*	
		For >20 To 50, Add	*6.91*	
		For >50 To 100, Add	*2.63*	
		For >500 To 1,000, Deduct	*-2.63*	
		For >1,000, Deduct	*-4.45*	
32 16 13 13-0017	LF	6" x 14" Cast In Place Concrete Curb (Type A1-8)	19.07	8.86
		For Up To 20, Add	*11.56*	
		For >20 To 50, Add	*6.56*	
		For >50 To 100, Add	*2.50*	
		For >500 To 1,000, Deduct	*-2.50*	
		For >1,000, Deduct	*-4.23*	
32 16 13 13-0018	LF	6" x 14" Cast In Place Concrete Curb - Radius (Type A1-8)	21.86	10.19
		For Up To 20, Add	*13.34*	
		For >20 To 50, Add	*7.57*	
		For >50 To 100, Add	*2.89*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000, Deduct	*-4.88*	
32 16 13 13-0019	LF	6" x 16" Cast In Place Concrete Curb	21.01	8.86
		For Up To 20, Add	*12.62*	
		For >20 To 50, Add	*7.15*	
		For >50 To 100, Add	*2.73*	
		For >500 To 1,000, Deduct	*-2.73*	
		For >1,000, Deduct	*-4.63*	
32 16 13 13-0020	LF	6" x 16" Cast In Place Concrete Curb - Radius	23.99	13.29
		For Up To 20, Add	*14.54*	
		For >20 To 50, Add	*8.25*	
		For >50 To 100, Add	*3.15*	
		For >500 To 1,000, Deduct	*-3.15*	
		For >1,000, Deduct	*-5.32*	
32 16 13 13-0021	LF	6" x 18" Cast In Place Concrete Curb	22.53	8.86
		For Up To 20, Add	*13.46*	
		For >20 To 50, Add	*7.62*	
		For >50 To 100, Add	*2.92*	
		For >500 To 1,000, Deduct	*-2.92*	
		For >1,000, Deduct	*-4.94*	
32 16 13 13-0022	LF	6" x 18" Cast In Place Concrete Curb - Radius	25.47	10.19
		For Up To 20, Add	*15.28*	
		For >20 To 50, Add	*8.66*	
		For >50 To 100, Add	*3.31*	
		For >500 To 1,000, Deduct	*-3.31*	
		For >1,000, Deduct	*-5.60*	
32 16 13 13-0023	LF	6" x 24" Cast In Place Concrete Curb	25.96	9.75
		For Up To 20, Add	*15.04*	
		For >20 To 50, Add	*8.51*	
		For >50 To 100, Add	*3.27*	
		For >500 To 1,000, Deduct	*-3.27*	
		For >1,000, Deduct	*-5.55*	
32 16 13 13-0024	LF	6" x 24" Cast In Place Concrete Curb - Radius	29.04	11.07
		For Up To 20, Add	*16.88*	
		For >20 To 50, Add	*9.55*	
		For >50 To 100, Add	*3.67*	
		For >500 To 1,000, Deduct	*-3.67*	
		For >1,000, Deduct	*-6.23*	
32 16 13 13-0025	LF	12" x 24" Cast In Place Concrete Curb	33.91	11.07
		For Up To 20, Add	*17.86*	
		For >20 To 50, Add	*10.04*	
		For >50 To 100, Add	*3.91*	
		For >500 To 1,000, Deduct	*-3.91*	
		For >1,000, Deduct	*-6.71*	
32 16 13 13-0026	LF	12" x 24" Cast In Place Concrete Curb - Radius	37.73	12.41
		For Up To 20, Add	*19.95*	
		For >20 To 50, Add	*11.21*	
		For >50 To 100, Add	*4.37*	
		For >500 To 1,000, Deduct	*-4.37*	
		For >1,000, Deduct	*-7.49*	
32 16 13 13-0027	EA	Additional Finish For Handicap Drop Section In Curb	66.46	

32 16 13 14 Machine Formed, Slip Form Curbs *(32 16 13)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001 Curbs, Machine Formed, Slip Form *(32 16 13 14)*

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0002	EA	Machine Formed Concrete Curb Minimum Set-Up Charge (One Time Per Job)	1,188.79
		Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.	
32 16 13 14-0003	LF	6" x 12" Straight Concrete Curb, Machine Formed	11.16
32 16 13 14-0004	LF	6" x 12" Curved Concrete Curb, Machine Formed	14.94
32 16 13 14-0005	LF	6" x 18" Straight Concrete Curb, Machine Formed	14.80
32 16 13 14-0006	LF	6" x 18" Curved Concrete Curb, Machine Formed	19.14

32 16 13 16 Steel Faced Curbs *(32 16 13)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0001 Sidewalk/Curb Facing *(32 16 13 16)*

Note: Fabrication includes handicap and other curb access cuts.

32 16 13 16-0002	LF	3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	13.45	4.19
		For Curved Section, Add	*2.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 16-0003	LF	4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	14.80	4.76
		For Curved Section, Add	*3.27*	
32 16 13 16-0004	LF	6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	20.01	5.34
		For Curved Section, Add	*4.01*	
32 16 13 16-0005	LF	8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	24.59	6.00
		For Curved Section, Add	*4.69*	
32 16 13 16-0006	LF	10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	30.13	6.58
		For Curved Section, Add	*5.47*	
32 16 13 16-0007	LF	12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	39.40	8.38
		For Curved Section, Add	*7.07*	
32 16 13 16-0008	LF	13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	45.37	10.86
		For Curved Section, Add	*8.59*	
32 16 13 16-0009	EA	Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section	142.51	

32 16 13 19 Cast-In-Place Concrete Drainage Ditches *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 19-0001 Valley Gutter, Cast In Place *(32 16 13 19)*

Note: Includes concrete, forms, rebar, expansion joints, finish and curing.

32 16 13 19-0002	LF	2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	19.22	
		For Up To 20, Add	*8.67*	
		For >20 To 50, Add	*4.82*	
		For >50 To 100, Add	*1.93*	
		For >500 To 1,000, Deduct	*-1.93*	
		For >1,000, Deduct	*-3.37*	
32 16 13 19-0003	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	23.58	
		For Up To 20, Add	*10.53*	
		For >20 To 50, Add	*5.84*	
		For >50 To 100, Add	*2.34*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-4.10*	
32 16 13 19-0004	LF	3' Wide Cast In Place Concrete Valley Gutter, 6" Thick	27.89	
		For Up To 20, Add	*12.35*	
		For >20 To 50, Add	*6.85*	
		For >50 To 100, Add	*2.75*	
		For >500 To 1,000, Deduct	*-2.75*	
		For >1,000, Deduct	*-4.82*	
32 16 13 19-0005	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick	32.18	
		For Up To 20, Add	*14.16*	
		For >20 To 50, Add	*7.85*	
		For >50 To 100, Add	*3.15*	
		For >500 To 1,000, Deduct	*-3.15*	
		For >1,000, Deduct	*-5.53*	
32 16 13 19-0006	LF	4' Wide Cast In Place Concrete Valley Gutter, 6" Thick	36.50	
		For Up To 20, Add	*15.98*	
		For >20 To 50, Add	*8.86*	
		For >50 To 100, Add	*3.56*	
		For >500 To 1,000, Deduct	*-3.56*	
		For >1,000, Deduct	*-6.25*	
32 16 13 19-0007	LF	5' Wide Cast In Place Concrete Valley Gutter, 6" Thick	43.45	
		For Up To 20, Add	*18.46*	
		For >20 To 50, Add	*10.20*	
		For >50 To 100, Add	*4.13*	
		For >500 To 1,000, Deduct	*-4.13*	
		For >1,000, Deduct	*-7.27*	
32 16 13 19-0008	LF	6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	50.15	
		For Up To 20, Add	*20.76*	
		For >20 To 50, Add	*11.45*	
		For >50 To 100, Add	*4.65*	
		For >500 To 1,000, Deduct	*-4.65*	
		For >1,000, Deduct	*-8.23*	
32 16 13 19-0009	SF	>6' Wide Cast In Place Concrete Valley Gutter, 6" Thick	8.35	
		For Up To 100, Add	*3.46*	
		For >100 To 250, Add	*1.91*	
		For >250 To 500, Add	*0.77*	
		For >2,500 To 5,000, Deduct	*-0.77*	
		For >5,000, Deduct	*-1.37*	
32 16 13 19-0010	LF	2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	21.18	
		For Up To 20, Add	*9.32*	
		For >20 To 50, Add	*5.17*	
		For >50 To 100, Add	*2.08*	
		For >500 To 1,000, Deduct	*-2.08*	
		For >1,000, Deduct	*-3.64*	
32 16 13 19-0011	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	26.17	
		For Up To 20, Add	*11.44*	
		For >20 To 50, Add	*6.34*	
		For >50 To 100, Add	*2.55*	
		For >500 To 1,000, Deduct	*-2.55*	
		For >1,000, Deduct	*-4.48*	
32 16 13 19-0012	LF	3' Wide Cast In Place Concrete Valley Gutter, 7" Thick	30.79	
		For Up To 20, Add	*13.30*	
		For >20 To 50, Add	*7.36*	
		For >50 To 100, Add	*2.97*	
		For >500 To 1,000, Deduct	*-2.97*	
		For >1,000, Deduct	*-5.22*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0013	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick	35.57	
		For Up To 20, Add	*15.26*	
		For >20 To 50, Add	*8.45*	
		For >50 To 100, Add	*3.41*	
		For >500 To 1,000, Deduct	*-3.41*	
		For >1,000, Deduct	*-6.00*	
32 16 13 19-0014	LF	4' Wide Cast In Place Concrete Valley Gutter, 7" Thick	40.34	
		For Up To 20, Add	*17.23*	
		For >20 To 50, Add	*9.53*	
		For >50 To 100, Add	*3.85*	
		For >500 To 1,000, Deduct	*-3.85*	
		For >1,000, Deduct	*-6.78*	
32 16 13 19-0015	LF	5' Wide Cast In Place Concrete Valley Gutter, 7" Thick	48.13	
		For Up To 20, Add	*19.93*	
		For >20 To 50, Add	*11.00*	
		For >50 To 100, Add	*4.47*	
		For >500 To 1,000, Deduct	*-4.47*	
		For >1,000, Deduct	*-7.90*	
32 16 13 19-0016	LF	6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	55.66	
		For Up To 20, Add	*22.45*	
		For >20 To 50, Add	*12.36*	
		For >50 To 100, Add	*5.05*	
		For >500 To 1,000, Deduct	*-5.05*	
		For >1,000, Deduct	*-8.96*	
32 16 13 19-0017	SF	>6' Wide Cast In Place Concrete Valley Gutter, 7" Thick	9.28	
		For Up To 100, Add	*3.75*	
		For >100 To 250, Add	*2.06*	
		For >250 To 500, Add	*0.84*	
		For >2,500 To 5,000, Deduct	*-0.84*	
		For >5,000, Deduct	*-1.50*	
32 16 13 19-0018	LF	2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	21.27	
		For Up To 20, Add	*9.60*	
		For >20 To 50, Add	*5.34*	
		For >50 To 100, Add	*2.13*	
		For >500 To 1,000, Deduct	*-2.13*	
		For >1,000, Deduct	*-3.73*	
32 16 13 19-0019	LF	2-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	26.12	
		For Up To 20, Add	*11.67*	
		For >20 To 50, Add	*6.48*	
		For >50 To 100, Add	*2.60*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-4.55*	
32 16 13 19-0020	LF	3' Wide Cast In Place Concrete Valley Gutter, 8" Thick	30.89	
		For Up To 20, Add	*13.69*	
		For >20 To 50, Add	*7.60*	
		For >50 To 100, Add	*3.05*	
		For >500 To 1,000, Deduct	*-3.05*	
		For >1,000, Deduct	*-5.34*	
32 16 13 19-0021	LF	3-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick	35.66	
		For Up To 20, Add	*15.71*	
		For >20 To 50, Add	*8.71*	
		For >50 To 100, Add	*3.50*	
		For >500 To 1,000, Deduct	*-3.50*	
		For >1,000, Deduct	*-6.14*	
32 16 13 19-0022	LF	4' Wide Cast In Place Concrete Valley Gutter, 8" Thick	40.43	
		For Up To 20, Add	*17.73*	
		For >20 To 50, Add	*9.83*	
		For >50 To 100, Add	*3.95*	
		For >500 To 1,000, Deduct	*-3.95*	
		For >1,000, Deduct	*-6.94*	
32 16 13 19-0023	LF	5' Wide Cast In Place Concrete Valley Gutter, 8" Thick	48.13	
32 16 13 19-0024	LF	6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	55.55	
32 16 13 19-0025	SF	>6' Wide Cast In Place Concrete Valley Gutter, 8" Thick	9.26	
		For Up To 100, Add	*3.84*	
		For >100 To 250, Add	*2.12*	
		For >250 To 500, Add	*0.86*	
		For >2,500 To 5,000, Deduct	*-0.86*	
		For >5,000, Deduct	*-1.52*	

32 16 13 23 Precast Concrete Curbs And Gutters *(32 16 13)*

32 16 13 23-0001 Precast Concrete Curb *(32 16 13 23)*

32 16 13 23-0002	LF	6" x 18" Precast Concrete Curb	36.60	8.13
32 16 13 23-0003	LF	6" x 18" Precast Concrete Curb, Radius	43.85	9.34
32 16 13 23-0004	LF	6" x 20" Precast Concrete Curb	38.93	8.13
32 16 13 23-0005	LF	6" x 20" Precast Concrete Curb, Radius	46.92	9.34
32 16 13 23-0006	LF	7" x 18" Precast Concrete Curb	39.99	8.13
32 16 13 23-0007	LF	7" x 18" Precast Concrete Curb, Radius	48.15	9.34
32 16 13 23-0008	LF	7" x 20" Precast Concrete Curb	42.63	8.13
32 16 13 23-0009	LF	7" x 20" Precast Concrete Curb, Radius	51.49	9.34

32 16 13 33 Asphalt Curbs *(32 16 13)*

32 16 13 33-0001 Asphalt Curbs *(32 16 13 33)*

32 16 13 33-0002	LF	6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain	10.86	4.29
32 16 13 33-0003	LF	8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	12.25	4.76
32 16 13 33-0004	LF	8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain	13.51	5.24

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 16 13 43 Stone Curbs *(32 16 13)*

32 16 13 43-0001 Granite Curbs *(32 16 13 43)*

32 16 13 43-0002 Split Face Granite Curbs *(32 16 13 43-0001)*

32 16 13 43-0003	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Straight Section	24.37	8.02
		For Up To 20, Add	*10.24*	
		For >20 To 50, Add	*5.66*	
		For >50 To 100, Add	*2.29*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000, Deduct	*-4.05*	
32 16 13 43-0004	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Straight Section	28.76	8.77
		For Up To 20, Add	*11.59*	
		For >20 To 50, Add	*6.38*	
		For >50 To 100, Add	*2.61*	
		For >500 To 1,000, Deduct	*-2.61*	
		For >1,000, Deduct	*-4.63*	
32 16 13 43-0005	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Straight Section	31.71	9.43
		For Up To 20, Add	*12.61*	
		For >20 To 50, Add	*6.93*	
		For >50 To 100, Add	*2.84*	
		For >500 To 1,000, Deduct	*-2.84*	
		For >1,000, Deduct	*-5.05*	
32 16 13 43-0006	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Straight Section	37.48	10.18
		For Up To 20, Add	*14.24*	
		For >20 To 50, Add	*7.79*	
		For >50 To 100, Add	*3.22*	
		For >500 To 1,000, Deduct	*-3.22*	
		For >1,000, Deduct	*-5.77*	
32 16 13 43-0007	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Curved Section	29.95	8.77
		For Up To 20, Add	*11.80*	
		For >20 To 50, Add	*6.48*	
		For >50 To 100, Add	*2.66*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-4.74*	
32 16 13 43-0008	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Curved Section	34.33	9.43
		For Up To 20, Add	*13.14*	
		For >20 To 50, Add	*7.20*	
		For >50 To 100, Add	*2.97*	
		For >500 To 1,000, Deduct	*-2.97*	
		For >1,000, Deduct	*-5.31*	
32 16 13 43-0009	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Curved Section	37.35	10.18
		For Up To 20, Add	*14.21*	
		For >20 To 50, Add	*7.78*	
		For >50 To 100, Add	*3.22*	
		For >500 To 1,000, Deduct	*-3.22*	
		For >1,000, Deduct	*-5.76*	
32 16 13 43-0010	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Curved Section	43.10	10.83
		For Up To 20, Add	*15.82*	
		For >20 To 50, Add	*8.63*	
		For >50 To 100, Add	*3.60*	
		For >500 To 1,000, Deduct	*-3.60*	
		For >1,000, Deduct	*-6.47*	

32 16 13 43-0011 Sawn Face Granite Curbs *(32 16 13 43-0001)*

32 16 13 43-0012	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Straight Section	24.37	8.02
		For Up To 20, Add	*10.24*	
		For >20 To 50, Add	*5.66*	
		For >50 To 100, Add	*2.29*	
		For >500 To 1,000, Deduct	*-2.29*	
		For >1,000, Deduct	*-4.05*	
32 16 13 43-0013	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Straight Section	28.76	8.77
		For Up To 20, Add	*11.59*	
		For >20 To 50, Add	*6.38*	
		For >50 To 100, Add	*2.61*	
		For >500 To 1,000, Deduct	*-2.61*	
		For >1,000, Deduct	*-4.63*	
32 16 13 43-0014	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Straight Section	31.76	9.43
		For Up To 20, Add	*12.65*	
		For >20 To 50, Add	*6.95*	
		For >50 To 100, Add	*2.85*	
		For >500 To 1,000, Deduct	*-2.85*	
		For >1,000, Deduct	*-5.06*	
32 16 13 43-0015	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Straight Section	37.53	10.18
		For Up To 20, Add	*14.27*	
		For >20 To 50, Add	*7.81*	
		For >50 To 100, Add	*3.23*	
		For >500 To 1,000, Deduct	*-3.23*	
		For >1,000, Deduct	*-5.78*	
32 16 13 43-0016	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Curved Section	33.82	8.77
		For Up To 20, Add	*12.60*	
		For >20 To 50, Add	*6.88*	
		For >50 To 100, Add	*2.86*	
		For >500 To 1,000, Deduct	*-2.86*	
		For >1,000, Deduct	*-5.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 43-0017	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Curved Section	40.32	9.43
		For Up To 20, Add	*14.36*	
		For >20 To 50, Add	*7.81*	
		For >50 To 100, Add	*3.28*	
		For >500 To 1,000, Deduct	*-3.28*	
		For >1,000, Deduct	*-5.92*	
32 16 13 43-0018	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Curved Section	44.64	10.18
		For Up To 20, Add	*15.69*	
		For >20 To 50, Add	*8.52*	
		For >50 To 100, Add	*3.59*	
		For >500 To 1,000, Deduct	*-3.59*	
		For >1,000, Deduct	*-6.49*	
32 16 13 43-0019	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Curved Section	53.41	10.83
		For Up To 20, Add	*17.92*	
		For >20 To 50, Add	*9.68*	
		For >50 To 100, Add	*4.12*	
		For >500 To 1,000, Deduct	*-4.12*	
		For >1,000, Deduct	*-7.51*	

32 16 13 43-0020 Granite Base And Curbs *(32 16 13 43-0001)*

32 16 13 43-0021	LF	4" High Granite Base	27.84	10.56
		For Up To 20, Add	*12.58*	
		For >20 To 50, Add	*6.99*	
		For >50 To 100, Add	*2.80*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-4.89*	
32 16 13 43-0022	LF	6" High Granite Base	32.84	13.83
		For Up To 20, Add	*15.77*	
		For >20 To 50, Add	*8.81*	
		For >50 To 100, Add	*3.48*	
		For >500 To 1,000, Deduct	*-3.48*	
		For >1,000, Deduct	*-6.05*	

32 16 13 43-0023 Remove And Reset Stone And Precast Curbing *(32 16 13 43)*

Note: Includes storage and cleaning.

32 16 13 43-0024	LF	Removal And Reseting Of Stone Or Precast Curbing Note: Includes storage and cleaning.	30.79

32 16 23 Sidewalks *(32 16)*

32 16 23 00-0001 Cast In Place Concrete Sidewalk *(32 16 23)*

Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0087 for buggies, 03 31 13 00-0094 for short loads, 03 31 13 00-0096 for delivery fee, 03 37 16 00-0001 for pumping with boom truck, 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

32 16 23 00-0002	SF	4" Cast In Place Concrete Sidewalk	7.95	
		For Up To 100, Add	*3.42*	
		For >100 To 500, Add	*0.97*	
		For >1,000 To 5,000, Deduct	*-0.57*	
		For >5,000, Deduct	*-1.26*	
		For Welded Wire Reinforcement, Add	*0.66*	
32 16 23 00-0003	SF	5" Cast In Place Concrete Sidewalk	8.67	
		For Up To 100, Add	*3.65*	
		For >100 To 500, Add	*1.03*	
		For >1,000 To 5,000, Deduct	*-0.59*	
		For >5,000, Deduct	*-1.32*	
		For Welded Wire Reinforcement, Add	*0.66*	
32 16 23 00-0004	SF	6" Cast In Place Concrete Sidewalk	9.40	
		For Up To 100, Add	*3.89*	
		For >100 To 500, Add	*1.09*	
		For >1,000 To 5,000, Deduct	*-0.62*	
		For >5,000, Deduct	*-1.39*	
		For Welded Wire Reinforcement, Add	*0.66*	
32 16 23 00-0005	SF	7" Cast In Place Concrete Sidewalk	10.90	
		For Up To 100, Add	*4.47*	
		For >100 To 500, Add	*1.24*	
		For >1,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-1.59*	
		For Welded Wire Reinforcement, Add	*0.66*	
32 16 23 00-0006	SF	8" Cast In Place Concrete Sidewalk	11.53	
		For Up To 100, Add	*4.66*	
		For >100 To 500, Add	*1.29*	
		For >1,000 To 5,000, Deduct	*-0.71*	
		For >5,000, Deduct	*-1.64*	
		For Welded Wire Reinforcement, Add	*0.66*	
32 16 23 00-0007	SF	For Exposed Aggregate Finish In Sidewalk	2.05	
32 16 23 00-0008	EA	Finish Concrete Handicap Drop Section In Sidewalk Note: Excludes patterned (tactile) finish.	122.62	

32 16 23 00-0009 Bituminous Sidewalk *(32 16 23)*

Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 23 00-0010	SY	1" Bituminous Sidewalk	8.46	
		For Up To 100, Add	*3.07*	
		For >100 To 500, Add	*0.80*	
		For >1,000 To 5,000, Deduct	*-0.38*	
		For >5,000, Deduct	*-0.80*	
32 16 23 00-0011	SY	1-1/2" Bituminous Sidewalk	10.66	
		For Up To 100, Add	*3.81*	
		For >100 To 500, Add	*0.99*	
		For >1,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-0.99*	
32 16 23 00-0012	SY	2" Bituminous Sidewalk	14.94	
		For Up To 100, Add	*5.15*	
		For >100 To 500, Add	*1.31*	
		For >1,000 To 5,000, Deduct	*-0.57*	
		For >5,000, Deduct	*-1.31*	
32 16 23 00-0013	SY	2-1/2" Bituminous Sidewalk	18.68	
		For Up To 100, Add	*6.43*	
		For >100 To 500, Add	*1.64*	
		For >1,000 To 5,000, Deduct	*-0.70*	
		For >5,000, Deduct	*-1.64*	
32 16 23 00-0014	SY	3" Bituminous Sidewalk	21.61	
		For Up To 100, Add	*7.31*	
		For >100 To 500, Add	*1.84*	
		For >1,000 To 5,000, Deduct	*-0.76*	
		For >5,000, Deduct	*-1.84*	
32 16 23 00-0015	SY	3-1/2" Bituminous Sidewalk	25.05	
		For Up To 100, Add	*8.36*	
		For >100 To 500, Add	*2.09*	
		For >1,000 To 5,000, Deduct	*-0.84*	
		For >5,000, Deduct	*-2.09*	

32 16 43 Asphalt Dike *(32 16)*

32 16 43 00-0001 Asphalt Dike *(32 16 43)*

32 16 43 00-0002	LF	Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	6.05	
32 16 43 00-0003	LF	Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height	8.37	
32 16 43 00-0004	LF	Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height	8.37	
32 16 43 00-0005	LF	Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height	12.06	
32 16 43 00-0006	LF	Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height	14.31	
32 16 43 00-0007	LF	Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height	3.06	
32 16 43 00-0008	LF	Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	8.72	
32 16 43 00-0009	LF	Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	13.45	
32 16 43 00-0010	LF	CALTRANS Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	6.05	
32 16 43 00-0011	LF	CALTRANS Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height	3.06	
32 16 43 00-0012	LF	CALTRANS Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	13.45	
32 16 43 00-0013	LF	CALTRANS Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	8.72	
32 16 43 00-0014	LF	CALTRANS Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height	4.51	

32 17 Paving Specialties *(32 10)*

32 17 13 Parking Bumpers *(32 17)*

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers *(32 17 13)*

32 17 13 16-0001	EA	4" x 6" x 4' Recycled Plastic Wheel Stop	77.80	5.89
32 17 13 16-0002	EA	4" x 6" x 6' Recycled Plastic Wheel Stop	87.33	5.89

32 17 13 19 Precast Concrete Parking Bumpers *(32 17 13)*

32 17 13 19-0001	EA	6" x 8" x 4' Precast Concrete Wheel Stop With Dowels	49.46	17.73
32 17 13 19-0002	EA	6" x 6" x 6' Precast Concrete Wheel Stop With Dowels	57.56	17.73
32 17 13 19-0003	EA	6" x 8" x 6' Precast Concrete Wheel Stop With Dowels	58.87	17.73
32 17 13 19-0004	EA	6" x 10" x 6' Precast Concrete Wheel Stop With Dowels	61.56	17.73
32 17 13 19-0005	EA	8" x 4-1/2" x 6' Precast Concrete Wheel Stop With Dowels	57.56	17.73
32 17 13 19-0006	EA	8" x 13" x 6' Precast Concrete Wheel Stop With Dowels	72.40	17.73
32 17 13 19-0007	EA	Removal And Relocation Of Precast Concrete Wheel Stop	28.36	
32 17 13 19-0008	EA	Removal And Relocation Of Plastic Or Wood Wheel Stop	18.44	

32 17 13 23 Rubber Parking Bumpers *(32 17 13)*

32 17 13 23-0001	EA	3' Recycled Rubber Wheel Stop	26.89	5.89
32 17 13 23-0002	EA	4' Recycled Rubber Wheel Stop	31.57	5.89
32 17 13 23-0003	EA	5' Recycled Rubber Wheel Stop	33.44	5.89
32 17 13 23-0004	EA	6' Recycled Rubber Wheel Stop	36.25	5.89

32 17 13 26 Wood Parking Bumpers *(32 17 13)*

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	7.67	1.42
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	9.68	1.42

32 17 16 Manufactured Traffic-Calming Devices *(32 17)*

32 17 16 00-0001 Speed Bumps *(32 17 16)*

Note: Excludes pavement markings or reflectors.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 16 00-0002	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	33.73	1.47
32 17 16 00-0003	LF	2-1/4" High x 12" Wide, Recycled Rubber Speed Bump	26.58	0.97
32 17 16 00-0004	LF	2-5/8" High x 12" Wide, Recycled Plastic Speed Bump	49.56	0.97

32 17 23 Pavement Markings *(32 17)*

See CSI section 01 55 26 00-0000 for temporary markings and removable line mask tape.

32 17 23 13 Painted Pavement Markings *(32 17 23)*

32 17 23 13-0001 Painted Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 13)*

Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.

32 17 23 13-0002 Alkyd/Solvent Based/Latex Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0003	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping	0.24
		For Up To 5,000 LF, Add	*0.05*
		For >25,000 LF, Deduct	*-0.04*
		For Broken Line, Deduct	*-0.04*
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping	0.32
		For Up To 5,000 LF, Add	*0.06*
		For >25,000 LF, Deduct	*-0.05*
		For Broken Line, Deduct	*-0.06*
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping	0.41
		For Up To 5,000 LF, Add	*0.08*
		For >25,000 LF, Deduct	*-0.06*
		For Broken Line, Deduct	*-0.08*
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping	0.53
		For Up To 5,000 LF, Add	*0.11*
		For >25,000 LF, Deduct	*-0.08*
		For Broken Line, Deduct	*-0.11*
32 17 23 13-0007	LF	Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.36
		For Up To 5,000 LF, Add	*0.07*
		For >25,000 LF, Deduct	*-0.05*
		For Broken Line On One Side, Deduct	*-0.04*
		For Double Broken Line, Deduct	*-0.08*
32 17 23 13-0008	LF	Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.54
		For Up To 5,000 LF, Add	*0.11*
		For >25,000 LF, Deduct	*-0.08*
		For Broken Line On One Side, Deduct	*-0.06*
		For Double Broken Line, Deduct	*-0.11*
32 17 23 13-0009	SF	Solid Area, Painted Reflective Pavement Striping Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	5.33
32 17 23 13-0010	EA	6" High, Letter/Number, Alkyd Reflective Pavement Striping	3.83
		For <10, Add	*0.53*
		For >50 To 100, Deduct	*-0.27*
		For >100 To 200, Deduct	*-0.36*
		For >200, Deduct	*-0.71*
32 17 23 13-0011	EA	12" High, Letter/Number, Alkyd Reflective Pavement Striping	6.35
		For <10, Add	*0.81*
		For >50 To 100, Deduct	*-0.40*
		For >100 To 200, Deduct	*-0.54*
		For >200, Deduct	*-1.07*
32 17 23 13-0012	EA	24" High, Letter/Number, Alkyd Reflective Pavement Striping	10.64
		For <10, Add	*1.34*
		For >50 To 100, Deduct	*-0.67*
		For >100 To 200, Deduct	*-0.89*
		For >200, Deduct	*-1.78*
32 17 23 13-0013	EA	36" High, Letter/Number, Alkyd Reflective Pavement Striping	20.86
		For <10, Add	*2.68*
		For >50 To 100, Deduct	*-1.34*
		For >100 To 200, Deduct	*-1.78*
		For >200, Deduct	*-3.57*
32 17 23 13-0014	EA	48" High, Letter/Number, Alkyd Reflective Pavement Striping	23.94
		For <10, Add	*3.00*
		For >50 To 100, Deduct	*-1.50*
		For >100 To 200, Deduct	*-2.00*
		For >200, Deduct	*-4.00*
32 17 23 13-0015	EA	72" High, Letter/Number, Alkyd Reflective Pavement Striping	42.77
		For <10, Add	*5.34*
		For >50 To 100, Deduct	*-2.67*
		For >100 To 200, Deduct	*-3.56*
		For >200, Deduct	*-7.12*
32 17 23 13-0016	EA	96" High, Letter/Number, Alkyd Reflective Pavement Striping	57.25
		For <10, Add	*7.17*
		For >50 To 100, Deduct	*-3.59*
		For >100 To 200, Deduct	*-4.78*
		For >200, Deduct	*-9.56*
32 17 23 13-0017	EA	120" High, Letter/Number, Alkyd Reflective Pavement Striping	80.32
		For <10, Add	*8.88*
		For >50 To 100, Deduct	*-4.44*
		For >100 To 200, Deduct	*-5.92*
		For >200, Deduct	*-11.85*
32 17 23 13-0018	SF	Letter/Number, Painted Reflective Pavement Marking	6.05
32 17 23 13-0019	SF	Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	7.26

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0020		Pavement Marking (CALTRANS) *(32 17 23 13-0001)* Note: Per LF of detail.		
32 17 23 13-0021	LF	CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping	0.21	
		For Up To 5,000 LF, Add	*0.04*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0022	LF	CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping	0.30	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0023	LF	CALTRANS Detail 4 Centerline	0.51	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0024	LF	CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping	0.20	
		For Up To 5,000 LF, Add	*0.04*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0025	LF	CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping	0.31	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0026	LF	CALTRANS Detail 7 Centerline	0.36	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0027	LF	CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping	0.21	
		For Up To 5,000 LF, Add	*0.04*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0028	LF	CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping	0.30	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0029	LF	CALTRANS Detail 10 Lanelines	0.51	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0030	LF	CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping	0.20	
		For Up To 5,000 LF, Add	*0.04*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0031	LF	CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping	0.30	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0032	LF	CALTRANS Detail 13 Lanelines	0.36	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0033	LF	CALTRANS Detail 14 Lanelines	0.36	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0034	LF	CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping	0.30	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0035	LF	CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.26	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
		For Broken Line On One Side, Deduct	*-0.03*	
		For Double Broken Line, Deduct	*-0.05*	
32 17 23 13-0036	LF	CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.61	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0037	LF	CALTRANS Detail 17 No Passing Zones-One Direction Lanelines	1.46	
		For Up To 5,000 LF, Add	*0.29*	
		For >25,000 LF, Deduct	*-0.22*	
32 17 23 13-0038	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.26	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
		For Broken Line On One Side, Deduct	*-0.03*	
		For Double Broken Line, Deduct	*-0.05*	
32 17 23 13-0039	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0040	LF	CALTRANS Detail 20 No Passing Zones-One Direction Lanelines	1.23	
		For Up To 5,000 LF, Add	*0.25*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0041	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.30	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line On One Side, Deduct	*-0.04*	
		For Double Broken Line, Deduct	*-0.08*	
32 17 23 13-0042	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.65	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
32 17 23 13-0043	LF	CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines	1.74	
		For Up To 5,000 LF, Add	*0.35*	
		For >25,000 LF, Deduct	*-0.26*	
32 17 23 13-0044	LF	CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0045	LF	CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.34	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0046	LF	CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.43	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0047	LF	CALTRANS Detail 26 Left Edgelines	0.08	
		For Up To 5,000 LF, Add	*0.02*	
		For >25,000 LF, Deduct	*-0.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0048	LF	CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.40	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
32 17 23 13-0049	LF	CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0050	LF	CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping	0.20	
		For Up To 5,000 LF, Add	*0.04*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0051	LF	CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping	0.62	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
		For Broken Line On One Side, Deduct	*-0.09*	
		For Double Broken Line, Deduct	*-0.17*	
32 17 23 13-0052	LF	CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping	0.96	
		For Up To 5,000 LF, Add	*0.19*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0053	LF	CALTRANS Detail 30 Median Islands	3.48	
		For Up To 5,000 LF, Add	*0.70*	
		For >25,000 LF, Deduct	*-0.52*	
32 17 23 13-0054	LF	CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.53	
		For Up To 5,000 LF, Add	*0.11*	
		For >25,000 LF, Deduct	*-0.08*	
		For Broken Line On One Side, Deduct	*-0.05*	
		For Double Broken Line, Deduct	*-0.11*	
32 17 23 13-0055	LF	CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.95	
		For Up To 5,000 LF, Add	*0.19*	
		For >25,000 LF, Deduct	*-0.14*	
32 17 23 13-0056	LF	CALTRANS Detail 33 Two-Way Left Turn Lanes	2.38	
		For Up To 5,000 LF, Add	*0.48*	
		For >25,000 LF, Deduct	*-0.36*	
32 17 23 13-0057	LF	CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0058	LF	CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping	0.26	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0059	LF	CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping	0.61	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
32 17 23 13-0060	LF	CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping	0.26	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0061	LF	CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	1.14	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
32 17 23 13-0062	LF	CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping	0.77	
		For Up To 5,000 LF, Add	*0.15*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0063	LF	CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	0.81	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0064	LF	CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping	0.71	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0065	LF	CALTRANS Detail 37A Lane Drop At Exit Ramps	1.17	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0066	LF	CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping	0.71	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
32 17 23 13-0067	LF	CALTRANS Detail 37C Lane Drop At Intersections	1.17	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.18*	
32 17 23 13-0068	LF	CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping	0.69	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.10*	
32 17 23 13-0069	LF	CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping	0.52	
		For Up To 5,000 LF, Add	*0.10*	
		For >25,000 LF, Deduct	*-0.08*	
32 17 23 13-0070	LF	CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping	0.85	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.13*	
32 17 23 13-0071	LF	CALTRANS Detail 38C Channelizing Line	1.74	
		For Up To 5,000 LF, Add	*0.35*	
		For >25,000 LF, Deduct	*-0.26*	
32 17 23 13-0072	LF	CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping	0.31	
		For Up To 5,000 LF, Add	*0.06*	
		For >25,000 LF, Deduct	*-0.05*	
32 17 23 13-0073	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping	0.26	
		For Up To 5,000 LF, Add	*0.05*	
		For >25,000 LF, Deduct	*-0.04*	
32 17 23 13-0074	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.20	
		For Up To 5,000 LF, Add	*0.04*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0075	LF	CALTRANS Detail 40A Lane Line Extensions Through Intersections	0.83	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0076	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.20	
		For Up To 5,000 LF, Add	*0.04*	
		For >25,000 LF, Deduct	*-0.03*	
32 17 23 13-0077	LF	CALTRANS Detail 41A Center Line Extensions Through Intersections	0.83	
		For Up To 5,000 LF, Add	*0.17*	
		For >25,000 LF, Deduct	*-0.12*	
32 17 23 13-0078	EA	CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking	96.49	
		For <10, Add	*12.99*	
		For >50 To 100, Deduct	*-6.50*	
		For >100 To 200, Deduct	*-8.66*	
		For >200, Deduct	*-17.32*	
32 17 23 13-0079	EA	CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking	169.22	
		For <10, Add	*22.73*	
		For >50 To 100, Deduct	*-11.37*	
		For >100 To 200, Deduct	*-15.16*	
		For >200, Deduct	*-30.31*	
32 17 23 13-0080	EA	CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking	212.42	
		For <10, Add	*28.58*	
		For >50 To 100, Deduct	*-14.29*	
		For >100 To 200, Deduct	*-19.05*	
		For >200, Deduct	*-38.10*	
32 17 23 13-0081	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	308.92	
		For <10, Add	*41.57*	
		For >50 To 100, Deduct	*-20.78*	
		For >100 To 200, Deduct	*-27.71*	
		For >200, Deduct	*-55.43*	
32 17 23 13-0082	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	405.41	
		For <10, Add	*54.56*	
		For >50 To 100, Deduct	*-27.28*	
		For >100 To 200, Deduct	*-36.37*	
		For >200, Deduct	*-72.75*	
32 17 23 13-0083	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking	285.15	
		For <10, Add	*38.32*	
		For >50 To 100, Deduct	*-19.16*	
		For >100 To 200, Deduct	*-25.55*	
		For >200, Deduct	*-51.10*	
32 17 23 13-0084	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking	497.57	
		For <10, Add	*66.90*	
		For >50 To 100, Deduct	*-33.45*	
		For >100 To 200, Deduct	*-44.60*	
		For >200, Deduct	*-89.20*	
32 17 23 13-0085	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	101.53	
		For <10, Add	*13.64*	
		For >50 To 100, Deduct	*-6.82*	
		For >100 To 200, Deduct	*-9.09*	
		For >200, Deduct	*-18.19*	
32 17 23 13-0086	EA	CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking	222.50	
		For <10, Add	*29.88*	
		For >50 To 100, Deduct	*-14.94*	
		For >100 To 200, Deduct	*-19.92*	
		For >200, Deduct	*-39.84*	
32 17 23 13-0087	EA	CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking	285.15	
		For <10, Add	*38.32*	
		For >50 To 100, Deduct	*-19.16*	
		For >100 To 200, Deduct	*-25.55*	
		For >200, Deduct	*-51.10*	
32 17 23 13-0088	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	183.74	
		For <10, Add	*24.68*	
		For >50 To 100, Deduct	*-12.34*	
		For >100 To 200, Deduct	*-16.45*	
		For >200, Deduct	*-32.91*	
32 17 23 13-0089	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	241.94	
		For <10, Add	*32.48*	
		For >50 To 100, Deduct	*-16.24*	
		For >100 To 200, Deduct	*-21.65*	
		For >200, Deduct	*-43.30*	
32 17 23 13-0090	EA	CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	48.25	
		For <10, Add	*6.50*	
		For >50 To 100, Deduct	*-3.25*	
		For >100 To 200, Deduct	*-4.33*	
		For >200, Deduct	*-8.66*	
32 17 23 13-0091	EA	CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking Note: Excludes variable width transverse lines.	460.81	
		For <10, Add	*61.70*	
		For >50 To 100, Deduct	*-30.85*	
		For >100 To 200, Deduct	*-41.14*	
		For >200, Deduct	*-82.27*	
32 17 23 13-0092	SF	CALTRANS Solid Area, Painted Reflective Pavement Marking	5.99	
32 17 23 13-0093	EA	CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	43.07	
		For <10, Add	*4.68*	
		For >50 To 100, Deduct	*-2.34*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-6.24*	
32 17 23 13-0094	EA	CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	45.59	
		For <10, Add	*4.94*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 200, Deduct	*-3.29*	
		For >200, Deduct	*-6.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0095	EA	CALTRANS Diamond Symbol, Painted Reflective Pavement Marking	77.05	
		For <10, Add	*10.39*	
		For >50 To 100, Deduct	*-5.20*	
		For >100 To 200, Deduct	*-6.93*	
		For >200, Deduct	*-13.86*	
32 17 23 13-0096	EA	CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	156.54	
		For <10, Add	*21.04*	
		For >50 To 100, Deduct	*-10.52*	
		For >100 To 200, Deduct	*-14.03*	
		For >200, Deduct	*-28.06*	
32 17 23 13-0097	EA	CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	34.26	
		For <10, Add	*4.94*	
		For >50 To 100, Deduct	*-2.47*	
		For >100 To 200, Deduct	*-3.29*	
		For >200, Deduct	*-6.58*	
32 17 23 13-0098	SF	CALTRANS Letter/Number, Painted Reflective Pavement Marking	6.08	
32 17 23 13-0099	SF	CALTRANS Symbols, Painted Reflective Pavement Marking Note: Handicap, railroad, diamond, arrows, etc.	6.77	

32 17 23 13-0100 Epoxy Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0101	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.42	
		For 20 Mil Thickness, Add	*0.09*	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line, Deduct	*-0.17*	
32 17 23 13-0102	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	0.58	
		For 20 Mil Thickness, Add	*0.13*	
		For Up To 5,000 LF, Add	*0.12*	
		For >25,000 LF, Deduct	*-0.09*	
		For Broken Line, Deduct	*-0.26*	
32 17 23 13-0103	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping	0.72	
		For 20 Mil Thickness, Add	*0.15*	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line, Deduct	*-0.31*	
32 17 23 13-0104	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping	1.06	
		For 20 Mil Thickness, Add	*0.24*	
		For Up To 5,000 LF, Add	*0.21*	
		For >25,000 LF, Deduct	*-0.16*	
		For Broken Line, Deduct	*-0.50*	
32 17 23 13-0105	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.64	
		For 20 Mil Thickness, Add	*0.16*	
		For Up To 5,000 LF, Add	*0.13*	
		For >25,000 LF, Deduct	*-0.10*	
		For Broken Line On One Side, Deduct	*-0.17*	
		For Double Broken Line, Deduct	*-0.34*	
32 17 23 13-0106	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping	0.91	
		For 20 Mil Thickness, Add	*0.24*	
		For Up To 5,000 LF, Add	*0.18*	
		For >25,000 LF, Deduct	*-0.14*	
		For Broken Line On One Side, Deduct	*-0.25*	
		For Double Broken Line, Deduct	*-0.50*	
32 17 23 13-0107	SF	Solid Area, Epoxy Reflective Pavement Marking Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	6.40	
		For 20 Mil Thickness, Add	*0.66*	
32 17 23 13-0108	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking	4.04	
		For 20 Mil Thickness, Add	*0.34*	
		For <10, Add	*0.53*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 200, Deduct	*-0.36*	
		For >200, Deduct	*-0.71*	
32 17 23 13-0109	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking	7.12	
		For 20 Mil Thickness, Add	*0.85*	
		For <10, Add	*0.81*	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 200, Deduct	*-0.54*	
		For >200, Deduct	*-1.07*	
32 17 23 13-0110	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking	11.97	
		For 20 Mil Thickness, Add	*1.46*	
		For <10, Add	*1.34*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 200, Deduct	*-0.89*	
		For >200, Deduct	*-1.78*	
32 17 23 13-0111	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking	23.21	
		For 20 Mil Thickness, Add	*2.68*	
		For <10, Add	*2.68*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 200, Deduct	*-1.78*	
		For >200, Deduct	*-3.57*	
32 17 23 13-0112	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking	26.99	
		For 20 Mil Thickness, Add	*3.33*	
		For <10, Add	*3.00*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 200, Deduct	*-2.00*	
		For >200, Deduct	*-4.00*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0113	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking	48.34	
		For 20 Mil Thickness, Add	*6.03*	
		For <10, Add	*5.34*	
		For >50 To 100, Deduct	*-2.67*	
		For >100 To 200, Deduct	*-3.56*	
		For >200, Deduct	*-7.12*	
32 17 23 13-0114	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking	64.58	
		For 20 Mil Thickness, Add	*7.98*	
		For <10, Add	*7.17*	
		For >50 To 100, Deduct	*-3.59*	
		For >100 To 200, Deduct	*-4.78*	
		For >200, Deduct	*-9.56*	
32 17 23 13-0115	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking	96.69	
		For 20 Mil Thickness, Add	*15.45*	
		For <10, Add	*8.88*	
		For >50 To 100, Deduct	*-4.44*	
		For >100 To 200, Deduct	*-5.92*	
		For >200, Deduct	*-11.85*	
32 17 23 13-0116	SF	Letter/Number, Epoxy Reflective Pavement Marking	6.58	
		For 20 Mil Thickness, Add	*0.67*	
32 17 23 13-0117	SF	Symbols, Epoxy Reflective Pavement Marking	8.40	
		Note: Handicap, railroad, diamond, arrows, etc.		
		For 20 Mil Thickness, Add	*0.76*	

32 17 23 13-0118 Painted Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 13)*

32 17 23 13-0119 Painted Pavement Marking For Parking Areas *(32 17 23 13-0118)*

32 17 23 13-0120	LF	Single 4" Wide Solid Line, Painted Pavement Striping for Parking Areas	0.98	
32 17 23 13-0121	LF	Single 6" Wide Solid Line, Painted Pavement Striping for Parking Areas	1.06	
32 17 23 13-0122	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.12	
32 17 23 13-0123	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.25	
32 17 23 13-0124	SF	Solid Area, Painted Pavement Marking For Parking Areas	5.34	
		Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0125	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas	3.72	
		For Up To 10, Add	*0.52*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 200, Deduct	*-0.35*	
		For >200, Deduct	*-0.69*	
32 17 23 13-0126	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas	6.14	
		For Up To 10, Add	*0.78*	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 200, Deduct	*-0.52*	
		For >200, Deduct	*-1.04*	
32 17 23 13-0127	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas	10.32	
		For Up To 10, Add	*1.30*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 200, Deduct	*-0.87*	
		For >200, Deduct	*-1.73*	
32 17 23 13-0128	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas	19.37	
		For Up To 10, Add	*2.47*	
		For >50 To 100, Deduct	*-1.23*	
		For >100 To 200, Deduct	*-1.65*	
		For >200, Deduct	*-3.29*	
32 17 23 13-0129	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas	25.87	
		For Up To 10, Add	*3.38*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 200, Deduct	*-2.25*	
		For >200, Deduct	*-4.50*	
32 17 23 13-0130	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	31.51	
		For Up To 10, Add	*4.16*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-2.77*	
		For >200, Deduct	*-5.54*	
32 17 23 13-0131	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	41.58	
		For Up To 10, Add	*5.20*	
		For >50 To 100, Deduct	*-2.60*	
		For >100 To 200, Deduct	*-3.46*	
		For >200, Deduct	*-6.93*	
32 17 23 13-0132	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas	70.80	
		Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
32 17 23 13-0133	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas	79.35	
		Note: Approximate overall dimensions: 6' width x 8' height.		
32 17 23 13-0134	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas	108.93	
		Note: Approximate overall dimensions: 11' width x 8' height.		
32 17 23 13-0135	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas	110.90	
		Note: Approximate overall dimensions: 7' width x 13' height.		
32 17 23 13-0136	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas	141.56	
		Note: Approximate overall dimensions: 9' width x 15' height.		
32 17 23 13-0137	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas	30.21	
		Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.		
		For Blue Background With White Symbol, Add	*20.40*	
		For Blue Background With White Symbol And Border, Add	*25.50*	
32 17 23 13-0138	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas	42.22	
		Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.		
		For Blue Background With White Symbol, Add	*39.56*	
		For Blue Background With White Symbol And Border, Add	*49.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0139		Painted Curbs *(32 17 23 13)* Note: All colors.		
32 17 23 13-0140	LF	Reflective Painted Curb	2.75	
32 17 23 13-0141	LF	Reflective Painted Curb And Gutter	5.18	
32 17 23 13-0142	LF	Painted Curb	2.22	
32 17 23 13-0143	LF	Painted Curb And Gutter	4.69	
32 17 23 13-0144		Markings For Outdoor Play Areas, Courts *(32 17 23 13)*		
32 17 23 13-0145	LF	2" Wide Marking For Outdoor Play Areas	0.73	
32 17 23 13-0146	LF	3" Wide Marking For Outdoor Play Areas	0.82	
32 17 23 13-0147	LF	4" Wide Marking For Outdoor Play Areas	0.94	
32 17 23 13-0148	LF	6" Wide Marking For Outdoor Play Areas	1.09	
32 17 23 13-0149	EA	Paint Playground Game Lines On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera)	290.96	
32 17 23 23		**Raised Pavement Markings** *(32 17 23)*		
32 17 23 23-0001		Raised Pavement Markers (RPMs) *(32 17 23 23)*		
32 17 23 23-0002	EA	One-Way Reflective, Raised Pavement Marker (RPM) Note: Type G, H or R	3.88	2.15
		For >100, Deduct	*-0.39*	
32 17 23 23-0003	EA	Two-Way Reflective, Raised Pavement Marker (RPM) Note: Type B, C, D, AC, RA or RR	4.08	2.15
		For >100, Deduct	*-0.41*	
32 17 23 23-0004	EA	4" Diameter, Round Reflective, Raised Pavement Marker (RPM)	4.72	2.15
		For >100, Deduct	*-0.47*	
32 17 23 23-0005	EA	4" Diameter, Non-Reflective, Raised Pavement Marker (RPM) Note: Type A or AY	3.63	2.15
		For >100, Deduct	*-0.36*	
32 17 23 23-0006		Snowplowable Pavement Markers *(32 17 23 23)*		
32 17 23 23-0007	EA	One-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type G, H or R	54.50	25.39
32 17 23 23-0008	EA	Two-Way Reflective, Snowplowable Pavement Marker With Center Rail Note: Type B, C, D, AC, RA or RR	54.67	25.39
32 17 23 23-0009	EA	Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	15.21	
32 17 23 23-0010	EA	Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	19.61	
32 17 23 33		**Plastic Pavement Markings** *(32 17 23)*		
32 17 23 33-0001		Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 33)* Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.		
32 17 23 33-0002		Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)* Note: 90 mil thickness.		
32 17 23 33-0003	LF	Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping	0.96	
		For Up To 5,000 LF, Add	*0.19*	
		For >25,000 LF, Deduct	*-0.14*	
		For 60 mils Thick, Deduct	*-0.12*	
		For 125 mils Thick, Add	*0.16*	
		For Broken Line, Deduct	*-0.53*	
32 17 23 33-0004	LF	Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping	1.35	
		For Up To 5,000 LF, Add	*0.27*	
		For >25,000 LF, Deduct	*-0.20*	
		For 60 mils Thick, Deduct	*-0.18*	
		For 125 mils Thick, Add	*0.23*	
		For Broken Line, Deduct	*-0.78*	
32 17 23 33-0005	LF	Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping	1.79	
		For Up To 5,000 LF, Add	*0.36*	
		For >25,000 LF, Deduct	*-0.27*	
		For 60 mils Thick, Deduct	*-0.24*	
		For 125 mils Thick, Add	*0.31*	
		For Broken Line, Deduct	*-1.04*	
32 17 23 33-0006	LF	Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping	2.61	
		For Up To 5,000 LF, Add	*0.52*	
		For >25,000 LF, Deduct	*-0.39*	
		For 60 mils Thick, Deduct	*-0.37*	
		For 125 mils Thick, Add	*0.47*	
		For Broken Line, Deduct	*-1.57*	
32 17 23 33-0007	LF	Double 4" Wide Solid Lines, Thermoplastic Reflective Pavement Striping	1.78	
		For Up To 5,000 LF, Add	*0.36*	
		For >25,000 LF, Deduct	*-0.27*	
		For 60 mils Thick, Deduct	*-0.24*	
		For 125 mils Thick, Add	*0.31*	
		For Broken Line On One Side, Deduct	*-0.52*	
		For Double Broken Line, Deduct	*-1.04*	
32 17 23 33-0008	LF	Double 6" Wide Solid Lines, Thermoplastic Reflective Pavement Striping	2.61	
		For Up To 5,000 LF, Add	*0.52*	
		For >25,000 LF, Deduct	*-0.39*	
		For 60 mils Thick, Deduct	*-0.37*	
		For 125 mils Thick, Add	*0.47*	
		For Broken Line On One Side, Deduct	*-0.78*	
		For Double Broken Line, Deduct	*-1.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0009	SF	Solid Area, Thermoplastic Reflective Pavement Marking	7.26	
		Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
		For 60 mils Thick, Deduct	*-0.36*	
		For 125 mils Thick, Add	*0.47*	
32 17 23 33-0010	EA	6" High, Letter/Number, Thermoplastic Reflective Pavement Marking	4.94	
		For Up To 10, Add	*0.59*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 200, Deduct	*-0.39*	
		For >200, Deduct	*-0.78*	
		For 60 mils Thick, Deduct	*-0.18*	
		For 125 mils Thick, Add	*0.23*	
32 17 23 33-0011	EA	12" High, Letter/Number, Thermoplastic Reflective Pavement Marking	9.66	
		For Up To 10, Add	*0.88*	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 200, Deduct	*-0.59*	
		For >200, Deduct	*-1.18*	
		For 60 mils Thick, Deduct	*-0.66*	
		For 125 mils Thick, Add	*0.85*	
32 17 23 33-0012	EA	24" High, Letter/Number, Thermoplastic Reflective Pavement Marking	16.38	
		For Up To 10, Add	*1.47*	
		For >50 To 100, Deduct	*-0.73*	
		For >100 To 200, Deduct	*-0.98*	
		For >200, Deduct	*-1.96*	
		For 60 mils Thick, Deduct	*-1.15*	
		For 125 mils Thick, Add	*1.48*	
32 17 23 33-0013	EA	36" High, Letter/Number, Thermoplastic Reflective Pavement Marking	31.24	
		For Up To 10, Add	*2.95*	
		For >50 To 100, Deduct	*-1.47*	
		For >100 To 200, Deduct	*-1.97*	
		For >200, Deduct	*-3.93*	
		For 60 mils Thick, Deduct	*-2.03*	
		For 125 mils Thick, Add	*2.61*	
32 17 23 33-0014	EA	48" High, Letter/Number, Thermoplastic Reflective Pavement Marking	37.07	
		For Up To 10, Add	*3.30*	
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 200, Deduct	*-2.20*	
		For >200, Deduct	*-4.40*	
		For 60 mils Thick, Deduct	*-2.64*	
		For 125 mils Thick, Add	*3.39*	
32 17 23 33-0015	EA	72" High, Letter/Number, Thermoplastic Reflective Pavement Marking	66.69	
		For Up To 10, Add	*5.87*	
		For >50 To 100, Deduct	*-2.94*	
		For >100 To 200, Deduct	*-3.92*	
		For >200, Deduct	*-7.83*	
		For 60 mils Thick, Deduct	*-4.82*	
		For 125 mils Thick, Add	*6.20*	
32 17 23 33-0016	EA	96" High, Letter/Number, Thermoplastic Reflective Pavement Marking	88.80	
		For Up To 10, Add	*7.89*	
		For >50 To 100, Deduct	*-3.94*	
		For >100 To 200, Deduct	*-5.26*	
		For >200, Deduct	*-10.51*	
		For 60 mils Thick, Deduct	*-6.34*	
		For 125 mils Thick, Add	*8.15*	
32 17 23 33-0017	EA	120" High, Letter/Number, Thermoplastic Reflective Pavement Marking	145.99	
		For Up To 10, Add	*9.77*	
		For >50 To 100, Deduct	*-4.88*	
		For >100 To 200, Deduct	*-6.51*	
		For >200, Deduct	*-13.02*	
		For 60 mils Thick, Deduct	*-14.15*	
		For 125 mils Thick, Add	*18.20*	
32 17 23 33-0018	SF	Letter/Number, Thermoplastic Reflective Pavement Marking	8.50	
		For 60 mils Thick, Deduct	*-0.46*	
		For 125 mils Thick, Add	*0.59*	
32 17 23 33-0019	SY	Cross Hatch, Thermoplastic Reflective Pavement Marking	57.64	
		For 60 mils Thick, Deduct	*-3.27*	
		For 125 mils Thick, Add	*4.20*	
32 17 23 33-0020	EA	Handicap Symbol, Thermoplastic Reflective Pavement Marking	225.32	
		For 60 mils Thick, Deduct	*-10.50*	
		For 125 mils Thick, Add	*13.50*	
32 17 23 33-0021	SY	Solid Area, Thermoplastic Reflective Pavement Marking	71.32	
		For 60 mils Thick, Deduct	*-3.27*	
		For 125 mils Thick, Add	*4.20*	
32 17 23 33-0022	EA	Railroad Symbol, Thermoplastic Reflective Pavement Marking	667.59	
		For 60 mils Thick, Deduct	*-31.96*	
		For 125 mils Thick, Add	*41.09*	
32 17 23 33-0023	EA	Bike Lane Symbol, Thermoplastic Reflective Pavement Marking	117.29	
		Note: Approximate overall dimensions: 4' width x 8' height.		
		For 60 mils Thick, Deduct	*-14.46*	
		For 125 mils Thick, Add	*18.60*	
32 17 23 33-0024	EA	Diamond Symbol, Thermoplastic Reflective Pavement Marking	107.77	
		For 60 mils Thick, Deduct	*-5.02*	
		For 125 mils Thick, Add	*6.46*	
32 17 23 33-0025	SF	Symbols, Thermoplastic Reflective Pavement Marking	9.80	
		Note: Handicap, railroad, diamond, arrows, etc.		
		For 60 mils Thick, Deduct	*-0.46*	
		For 125 mils Thick, Add	*0.59*	
32 17 23 33-0026	EA	10' Arrow, Type I, Thermoplastic Reflective Pavement Marking	137.15	
		For 60 mils Thick, Deduct	*-6.39*	
		For 125 mils Thick, Add	*8.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0027	EA	18' Arrow, Type I, Thermoplastic Reflective Pavement Marking	244.92	
		For 60 mils Thick, Deduct	*-11.41*	
		For 125 mils Thick, Add	*14.67*	
32 17 23 33-0028	EA	24' Arrow, Type I, Thermoplastic Reflective Pavement Marking	303.70	
		For 60 mils Thick, Deduct	*-14.15*	
		For 125 mils Thick, Add	*18.20*	
32 17 23 33-0029	EA	24' Arrow With Single (L or R) Turn Arrow, Type II, Thermoplastic Reflective Pavement Marking	440.85	
		For 60 mils Thick, Deduct	*-20.54*	
		For 125 mils Thick, Add	*26.41*	
32 17 23 33-0030	EA	24' Arrow With Both (L and R) Turn Arrows, Type II, Thermoplastic Reflective Pavement Marking	578.02	
		For 60 mils Thick, Deduct	*-26.94*	
		For 125 mils Thick, Add	*34.63*	
32 17 23 33-0031	EA	24' Arrow Single (L or R) Turn Arrow, Type III, Thermoplastic Reflective Pavement Marking	411.47	
		For 60 mils Thick, Deduct	*-19.17*	
		For 125 mils Thick, Add	*24.65*	
32 17 23 33-0032	EA	24' Arrow Both (L and R) Turn Arrows, Type III, Thermoplastic Reflective Pavement Marking	715.16	
		For 60 mils Thick, Deduct	*-33.33*	
		For 125 mils Thick, Add	*42.85*	
32 17 23 33-0033	EA	8' Turn Arrow (L or R), Type IV, Thermoplastic Reflective Pavement Marking	146.95	
		For 60 mils Thick, Deduct	*-6.85*	
		For 125 mils Thick, Add	*8.80*	
32 17 23 33-0034	EA	24' Arrow, Type V, Thermoplastic Reflective Pavement Marking	323.29	
		For 60 mils Thick, Deduct	*-15.07*	
		For 125 mils Thick, Add	*19.37*	
32 17 23 33-0035	EA	18' Arrow, Type VI, Thermoplastic Reflective Pavement Marking	411.47	
		For 60 mils Thick, Deduct	*-19.17*	
		For 125 mils Thick, Add	*24.65*	
32 17 23 33-0036	EA	13' Arrow With Single (L or R) Turn Arrow, Type VII, Thermoplastic Reflective Pavement Marking	264.52	
		For 60 mils Thick, Deduct	*-12.33*	
		For 125 mils Thick, Add	*15.85*	
32 17 23 33-0037	EA	15' Arrow With Both (L and R) Turn Arrows, Type VIII, Thermoplastic Reflective Pavement Marking	352.67	
		For 60 mils Thick, Deduct	*-16.43*	
		For 125 mils Thick, Add	*21.13*	
32 17 23 33-0038	EA	5' Arrow, Bike Lane, Thermoplastic Reflective Pavement Marking	68.58	
		For 60 mils Thick, Deduct	*-3.20*	
		For 125 mils Thick, Add	*4.11*	

32 17 23 33-0039 Thermoplastic Reflective Pavement Striping By Hand For Repairs *(32 17 23 33-0001)*

32 17 23 33-0040	LF	Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	2.53	
		For 60 mils Thick, Deduct	*-0.12*	
		For 125 mils Thick, Add	*0.16*	
32 17 23 33-0041	LF	Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.13	
		For 60 mils Thick, Deduct	*-0.18*	
		For 125 mils Thick, Add	*0.23*	
32 17 23 33-0042	LF	Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.82	
		For 60 mils Thick, Deduct	*-0.24*	
		For 125 mils Thick, Add	*0.31*	
32 17 23 33-0043	LF	Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	5.46	
		For 60 mils Thick, Deduct	*-0.37*	
		For 125 mils Thick, Add	*0.47*	
32 17 23 33-0044	LF	Single 24" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs	9.64	
		For 60 mils Thick, Deduct	*-0.73*	
		For 125 mils Thick, Add	*0.94*	

32 17 23 33-0045 Preformed, Patterned Reflective Pavement Marking Tape *(32 17 23 33-0001)*

Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).

32 17 23 33-0046	LF	Single 4" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	1.97	
		For Up To 5,000 LF, Add	*0.39*	
		For >25,000 LF, Deduct	*-0.30*	
32 17 23 33-0047	LF	Single 6" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	2.90	
		For Up To 5,000 LF, Add	*0.58*	
		For >25,000 LF, Deduct	*-0.44*	
32 17 23 33-0048	LF	Single 8" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	3.85	
		For Up To 5,000 LF, Add	*0.77*	
		For >25,000 LF, Deduct	*-0.58*	
32 17 23 33-0049	LF	Single 12" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping	5.69	
		For Up To 5,000 LF, Add	*1.14*	
		For >25,000 LF, Deduct	*-0.85*	
32 17 23 33-0050	SF	Preformed Solid Area, Patterned Thermoplastic Reflective Pavement Marking Tape	17.06	
		Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 33-0051	EA	6" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	25.16	
		For <10, Add	*1.07*	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 200, Deduct	*-0.71*	
		For >200, Deduct	*-1.42*	
32 17 23 33-0052	EA	12" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	43.38	
		For <10, Add	*1.35*	
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 200, Deduct	*-0.90*	
		For >200, Deduct	*-1.80*	
32 17 23 33-0053	EA	24" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	75.22	
		For <10, Add	*2.68*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 200, Deduct	*-1.78*	
		For >200, Deduct	*-3.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0054	EA	36" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	111.52	
		For <10, Add	*5.35*	
		For >50 To 100, Deduct	*-2.68*	
		For >100 To 200, Deduct	*-3.57*	
		For >200, Deduct	*-7.14*	
32 17 23 33-0055	EA	48" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	130.19	
		For <10, Add	*6.00*	
		For >50 To 100, Deduct	*-3.00*	
		For >100 To 200, Deduct	*-4.00*	
		For >200, Deduct	*-8.00*	
32 17 23 33-0056	EA	72" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	172.54	
		For <10, Add	*10.68*	
		For >50 To 100, Deduct	*-5.34*	
		For >100 To 200, Deduct	*-7.12*	
		For >200, Deduct	*-14.24*	
32 17 23 33-0057	EA	96" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	221.43	
		For <10, Add	*14.34*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 200, Deduct	*-9.56*	
		For >200, Deduct	*-19.12*	
32 17 23 33-0058	EA	120" High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	277.14	
		For <10, Add	*17.77*	
		For >50 To 100, Deduct	*-8.89*	
		For >100 To 200, Deduct	*-11.85*	
		For >200, Deduct	*-23.69*	
32 17 23 33-0059	SF	Preformed Arrow, Patterned Thermoplastic Reflective Pavement Marking Tape	17.76	
32 17 23 33-0060	SF	Preformed Symbol, Patterned Thermoplastic Reflective Pavement Marking Tape Note: Handicap, railroad, diamond symbol, etc.	19.06	

32 17 23 33-0061 Preformed, Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)*

Note: Heat applied. (Flint PreMark or HotTape Series).

32 17 23 33-0062	EA	Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	147.93	
32 17 23 33-0063	EA	Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	389.07	
32 17 23 33-0064	EA	Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	92.46	
32 17 23 33-0065	EA	6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	84.48	
32 17 23 33-0066	EA	9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	139.53	
32 17 23 33-0067	EA	4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	93.05	
32 17 23 33-0068	EA	8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	151.99	
32 17 23 33-0069	EA	Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	240.83	
32 17 23 33-0070	EA	Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	347.70	
32 17 23 33-0071	EA	Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	148.03	
32 17 23 33-0072	EA	Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	160.49	
32 17 23 33-0073	EA	Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	269.00	
32 17 23 33-0074	EA	Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	250.36	
32 17 23 33-0075	EA	Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	252.96	
32 17 23 33-0076	EA	Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	328.83	

32 17 23 33-0077 Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 33)*

32 17 23 33-0078 Thermoplastic Pavement Marking Tape For Parking Areas *(32 17 23 33-0077)*

Note: Heat applied. (Flint PreMark Series).

32 17 23 33-0079	EA	28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White or blue symbol. Excludes striping.	56.89	
32 17 23 33-0080	EA	39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	177.15	
32 17 23 33-0081	EA	40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	107.65	
32 17 23 33-0082	EA	45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	126.98	
32 17 23 33-0083	EA	48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	132.71	

32 17 26 Tactile Warning Surfaces *(32 17)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 26 00-0001		Vitrified Polymer Composite (VPC); (Armor Tile) *(32 17 26)* Note: Truncated dome, raised strips or directional bars. All colors.		
32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface Note: Includes surface preparation, adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	61.18	8.48
32 17 26 00-0003	SF	Cast In Place VPC Truncated Dome Detectable Warning Surface Note: Also raised strips or directional bars. All colors.	50.16	8.48
32 17 26 00-0004		Fiber-Reinforced, Polymermodified Cement And Coated With Acrylic Resin Emulsion (SatetyStep TD) *(32 17 26)* Note: Pre-molded tactile dome sheet. All colors.		
32 17 26 00-0005	SF	Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	54.98	8.48
32 17 26 00-0006	SF	>15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	47.35	8.48

32 30 Site Improvements *(32)*

32 31 Fences And Gates *(32 30)*

32 31 11 Gate Operators *(32 31)*

32 31 11 00-0001		Gate Operators *(32 31 11)* Note: Excludes gates, electrical connections, access controls and concrete foundation.		
32 31 11 00-0002		Swing Gate Actuator *(32 31 11 00-0001)*		
32 31 11 00-0003		Single Gate, Swing Gate Actuator *(32 31 11 00-0002)*		
32 31 11 00-0004	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) Note: Includes one primary operator with a 10' wide gate capacity.	1,294.84	177.04
32 31 11 00-0005	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) Note: Includes one primary operator with a 14' wide gate capacity.	1,702.49	177.04
32 31 11 00-0006		Dual Gate, Swing Gate Actuator *(32 31 11 00-0002)*		
32 31 11 00-0007	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.	2,589.68	354.09
32 31 11 00-0008	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.	3,404.99	354.09
32 31 11 00-0009		Swing Gate Operators *(32 31 11 00-0001)*		
32 31 11 00-0010		Single Gate, Swing Gate Operators *(32 31 11 00-0009)*		
32 31 11 00-0011	EA	400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050) Note: Includes one primary operator with a 10' wide and 400 LB gate capacity.	2,570.07	177.04
32 31 11 00-0012	EA	500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100) Note: Includes one primary operator with a 14' wide and 500 LB gate capacity.	2,789.58	177.04
32 31 11 00-0013	EA	700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary operator with an 18' wide and 700 LB gate capacity.	3,761.69	177.04
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0014	EA	800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary operator with a 22' wide and 800 LB gate capacity.	4,252.97	177.04
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0015		Dual Gate, Swing Gate Operators *(32 31 11 00-0009)*		
32 31 11 00-0016	EA	400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050) Note: Includes one primary and one secondary operator each with a 10' wide and 400 LB gate capacity.	4,565.24	354.09
32 31 11 00-0017	EA	500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100) Note: Includes one primary and one secondary operator each with a 14' wide and 500 LB gate capacity.	5,004.26	354.09
32 31 11 00-0018	EA	700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary and one secondary operator each with an 18' wide and 700 LB gate capacity.	6,938.02	354.09
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0019	EA	800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) Note: Includes one primary and one secondary operator each with a 22' wide and 800 LB gate capacity.	8,014.65	354.09
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0020		Sliding Gate Operators *(32 31 11 00-0001)* Note: Includes 20' of chain. See CSI section 32 31 11 00-0029 for additional chain over 20'.		
32 31 11 00-0021	EA	300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	2,078.79	177.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0022	EA	1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100) Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	2,933.57	212.45
32 31 11 00-0023	EA	1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150) Note: Includes operator, chain brackets, hardware and 20' of #40 chain.	3,665.26	212.45
32 31 11 00-0024	EA	3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210) Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	4,807.48	247.86
32 31 11 00-0025	EA	2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220) Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	5,936.38	247.86
32 31 11 00-0026	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	8,139.56	283.27
32 31 11 00-0027	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	13,737.00	283.27
32 31 11 00-0028	EA	10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550) Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	23,403.45	318.68

32 31 11 00-0029 Accessories For Gate Actuators And Operators *(32 31 11 00-0001)*

32 31 11 00-0030	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410)	456.39
32 31 11 00-0031	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409)	890.83
32 31 11 00-0032	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601)	559.75
32 31 11 00-0033	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031)	620.11
32 31 11 00-0034	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020)	557.39
32 31 11 00-0035	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310)	405.83
32 31 11 00-0036	LF	#40 Chain For Sliding Gate Operators	7.50
32 31 11 00-0037	LF	#41 Chain For Sliding Gate Operators	5.94
32 31 11 00-0038	LF	#50 Chain For Sliding Gate Operators	8.37
32 31 11 00-0039	LF	#60 Chain For Sliding Gate Operators	7.94
32 31 11 00-0040	EA	Exterior Keypad Gate Operator (Linear AK-11)	491.01 124.86

32 31 13 Chain Link Fences And Gates *(32 31)*

32 31 13 13 Chain Link Fences And Gates *(32 31 13)*

32 31 13 13-0001 Post Holes *(32 31 13 13)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0025 for core drilling in concrete, 02 41 19 13-0163 for core drilling in asphalt.

32 31 13 13-0002 Auger By Machine Fence Post Hole In Soil *(32 31 13 13-0001)*

32 31 13 13-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	7.72
32 31 13 13-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	8.68
32 31 13 13-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	10.29
32 31 13 13-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	11.57
32 31 13 13-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	12.62
32 31 13 13-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	13.89
32 31 13 13-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	15.43
32 31 13 13-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	17.35
32 31 13 13-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	19.84
32 31 13 13-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	23.15
32 31 13 13-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	27.78
32 31 13 13-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	34.72

32 31 13 13-0015 Post Hole In Rock *(32 31 13 13-0001)*

32 31 13 13-0016	CF	Jackhammer Post Hole In Rock	58.48
32 31 13 13-0017	CF	Rock Drill Post Hole In Rock	17.42

32 31 13 13-0018 Fill For Post Holes *(32 31 13 13-0001)*

See CSI section 03 21 00 00-0000 for reinforcing bars.

32 31 13 13-0019 Concrete Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0020	VLF	Up To 2-1/2" Diameter, Concrete Fill For Post Hole	4.93
32 31 13 13-0021	VLF	2-1/2" Diameter, Concrete Fill For Post Hole	6.32
32 31 13 13-0022	VLF	3" Diameter, Concrete Fill For Post Hole	6.99
32 31 13 13-0023	VLF	4" Diameter, Concrete Fill For Post Hole	8.10
32 31 13 13-0024	VLF	6" Diameter, Concrete Fill For Post Hole	11.48
32 31 13 13-0025	VLF	8" Diameter, Concrete Fill For Post Hole	15.31
32 31 13 13-0026	VLF	10" Diameter, Concrete Fill For Post Hole	18.75
32 31 13 13-0027	VLF	12" Diameter, Concrete Fill For Post Hole	21.91
32 31 13 13-0028	VLF	18" Diameter, Concrete Fill For Post Hole	30.04
32 31 13 13-0029	VLF	24" Diameter, Concrete Fill For Post Hole	37.47
32 31 13 13-0030	VLF	30" Diameter, Concrete Fill For Post Hole	44.73
32 31 13 13-0031	VLF	36" Diameter, Concrete Fill For Post Hole	52.31

32 31 13 13-0032 Grout Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0033	VLF	Up To 2-1/2" Diameter, Grout Fill For Post Hole	5.77
32 31 13 13-0034	VLF	2-1/2" Diameter, Grout Fill For Post Hole	7.45
32 31 13 13-0035	VLF	3" Diameter, Grout Fill For Post Hole	8.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0036	VLF	4" Diameter, Grout Fill For Post Hole	9.21	
32 31 13 13-0037	VLF	6" Diameter, Grout Fill For Post Hole	12.90	
32 31 13 13-0038	VLF	8" Diameter, Grout Fill For Post Hole	17.24	
32 31 13 13-0039	VLF	10" Diameter, Grout Fill For Post Hole	21.02	
32 31 13 13-0040	VLF	12" Diameter, Grout Fill For Post Hole	24.45	
32 31 13 13-0041	VLF	18" Diameter, Grout Fill For Post Hole	32.91	
32 31 13 13-0042	VLF	24" Diameter, Grout Fill For Post Hole	40.43	
32 31 13 13-0043	VLF	30" Diameter, Grout Fill For Post Hole	47.73	
32 31 13 13-0044	VLF	36" Diameter, Grout Fill For Post Hole	55.26	

32 31 13 13-0045 Compacted Earth Fill For Post Holes *(32 31 13 13-0018)*

32 31 13 13-0046	VLF	Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole	3.93	
32 31 13 13-0047	VLF	2-1/2" Diameter, Compacted Earth Fill For Post Hole	5.14	
32 31 13 13-0048	VLF	3" Diameter, Compacted Earth Fill For Post Hole	5.37	
32 31 13 13-0049	VLF	4" Diameter, Compacted Earth Fill For Post Hole	5.52	
32 31 13 13-0050	VLF	6" Diameter, Compacted Earth Fill For Post Hole	7.37	
32 31 13 13-0051	VLF	8" Diameter, Compacted Earth Fill For Post Hole	9.84	
32 31 13 13-0052	VLF	10" Diameter, Compacted Earth Fill For Post Hole	11.80	
32 31 13 13-0053	VLF	12" Diameter, Compacted Earth Fill For Post Hole	13.38	
32 31 13 13-0054	VLF	18" Diameter, Compacted Earth Fill For Post Hole	16.31	
32 31 13 13-0055	VLF	24" Diameter, Compacted Earth Fill For Post Hole	18.29	
32 31 13 13-0056	VLF	30" Diameter, Compacted Earth Fill For Post Hole	20.06	
32 31 13 13-0057	VLF	36" Diameter, Compacted Earth Fill For Post Hole	21.64	

32 31 13 13-0058 Fence Posts *(32 31 13 13)*

Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0059 Fence Posts *(32 31 13 13-0058)*

32 31 13 13-0060 1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel *(32 31 13 13-0059)*

Note: Includes cap and accessories.

32 31 13 13-0061	LF	1-7/8" Galvanized H-beam Post, Up To 6' In Length	13.19	2.61
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0062	LF	1-7/8" Galvanized H-beam Post, 7' To 10' In Length	12.44	2.22
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0063	LF	1-7/8" Galvanized H-beam Post, 11' To 15' In Length	11.55	1.84
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	10.82	1.45
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	10.33	1.26
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0066	LF	1-7/8" Galvanized H-beam Post, >24' In Length	9.57	0.87
		For Each Top Rail Fitting, Add	*0.85*	

32 31 13 13-0067 Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal) *(32 31 13 13-0059)*

Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0068	LF	1-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	9.26	2.41
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.11*	
		For Vinyl Coated, Add	*2.66*	
		For Powder Coated, Add	*3.54*	
		For Aluminum Coated, Add	*5.54*	
		For Schedule 20, Deduct	*-0.89*	
		For Schedule 80, Add	*2.61*	
32 31 13 13-0069	LF	1-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	8.52	2.03
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.11*	
		For Vinyl Coated, Add	*2.66*	
		For Powder Coated, Add	*3.54*	
		For Aluminum Coated, Add	*5.54*	
		For Schedule 20, Deduct	*-0.89*	
		For Schedule 80, Add	*2.54*	
32 31 13 13-0070	LF	1-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	7.68	1.64
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.11*	
		For Vinyl Coated, Add	*2.66*	
		For Powder Coated, Add	*3.54*	
		For Aluminum Coated, Add	*5.54*	
		For Schedule 20, Deduct	*-0.89*	
		For Schedule 80, Add	*2.45*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0071	LF	1-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	7.04	1.26
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.11*	
		For Vinyl Coated, Add	*2.66*	
		For Powder Coated, Add	*3.54*	
		For Aluminum Coated, Add	*5.54*	
		For Schedule 20, Deduct	*-0.89*	
		For Schedule 80, Add	*2.39*	
32 31 13 13-0072	LF	1-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	6.61	1.06
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.11*	
		For Vinyl Coated, Add	*2.66*	
		For Powder Coated, Add	*3.54*	
		For Aluminum Coated, Add	*5.54*	
		For Schedule 20, Deduct	*-0.89*	
		For Schedule 80, Add	*2.34*	
32 31 13 13-0073	LF	1-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	6.14	0.87
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.11*	
		For Vinyl Coated, Add	*2.66*	
		For Powder Coated, Add	*3.54*	
		For Aluminum Coated, Add	*5.54*	
		For Schedule 20, Deduct	*-0.89*	
		For Schedule 80, Add	*2.30*	

32 31 13 13-0074 Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) *(32 31 13 13-0059)*

Note: 2" outside diameter, Schedule 40. Includes cap and accessories.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	10.40	2.51
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.35*	
		For Vinyl Coated, Add	*3.25*	
		For Powder Coated, Add	*4.33*	
		For Aluminum Coated, Add	*6.76*	
		For Schedule 20, Deduct	*-1.08*	
		For Schedule 80, Add	*3.10*	
32 31 13 13-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	9.74	2.12
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.35*	
		For Vinyl Coated, Add	*3.25*	
		For Powder Coated, Add	*4.33*	
		For Aluminum Coated, Add	*6.76*	
		For Schedule 20, Deduct	*-1.08*	
		For Schedule 80, Add	*3.03*	
32 31 13 13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	8.86	1.74
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.35*	
		For Vinyl Coated, Add	*3.25*	
		For Powder Coated, Add	*4.33*	
		For Aluminum Coated, Add	*6.76*	
		For Schedule 20, Deduct	*-1.08*	
		For Schedule 80, Add	*2.94*	
32 31 13 13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	8.17	1.35
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.35*	
		For Vinyl Coated, Add	*3.25*	
		For Powder Coated, Add	*4.33*	
		For Aluminum Coated, Add	*6.76*	
		For Schedule 20, Deduct	*-1.08*	
		For Schedule 80, Add	*2.87*	
32 31 13 13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	7.71	1.16
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.35*	
		For Vinyl Coated, Add	*3.25*	
		For Powder Coated, Add	*4.33*	
		For Aluminum Coated, Add	*6.76*	
		For Schedule 20, Deduct	*-1.08*	
		For Schedule 80, Add	*2.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length	7.28	0.96
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.35*	
		For Vinyl Coated, Add	*3.25*	
		For Powder Coated, Add	*4.33*	
		For Aluminum Coated, Add	*6.76*	
		For Schedule 20, Deduct	*-1.08*	
		For Schedule 80, Add	*2.78*	

32 31 13 13-0081 Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) *(32 31 13 13-0059)*

Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	12.46	2.71
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.80*	
		For Vinyl Coated, Add	*4.31*	
		For Powder Coated, Add	*5.75*	
		For Aluminum Coated, Add	*8.99*	
		For Schedule 20, Deduct	*-1.44*	
		For Schedule 80, Add	*3.98*	
32 31 13 13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	11.71	2.32
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.80*	
		For Vinyl Coated, Add	*4.31*	
		For Powder Coated, Add	*5.75*	
		For Aluminum Coated, Add	*8.99*	
		For Schedule 20, Deduct	*-1.44*	
		For Schedule 80, Add	*3.90*	
32 31 13 13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	10.82	1.84
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.80*	
		For Vinyl Coated, Add	*4.31*	
		For Powder Coated, Add	*5.75*	
		For Aluminum Coated, Add	*8.99*	
		For Schedule 20, Deduct	*-1.44*	
		For Schedule 80, Add	*3.81*	
32 31 13 13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	10.09	1.45
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.80*	
		For Vinyl Coated, Add	*4.31*	
		For Powder Coated, Add	*5.75*	
		For Aluminum Coated, Add	*8.99*	
		For Schedule 20, Deduct	*-1.44*	
		For Schedule 80, Add	*3.74*	
32 31 13 13-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length	9.60	1.26
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.80*	
		For Vinyl Coated, Add	*4.31*	
		For Powder Coated, Add	*5.75*	
		For Aluminum Coated, Add	*8.99*	
		For Schedule 20, Deduct	*-1.44*	
		For Schedule 80, Add	*3.69*	
32 31 13 13-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	9.15	0.96
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*1.80*	
		For Vinyl Coated, Add	*4.31*	
		For Powder Coated, Add	*5.75*	
		For Aluminum Coated, Add	*8.99*	
		For Schedule 20, Deduct	*-1.44*	
		For Schedule 80, Add	*3.65*	

32 31 13 13-0088 Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) *(32 31 13 13-0059)*

Note: 3" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length	16.54	2.90
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.69*	
		For Vinyl Coated, Add	*6.45*	
		For Powder Coated, Add	*8.60*	
		For Aluminum Coated, Add	*13.44*	
		For Schedule 20, Deduct	*-2.15*	
		For Schedule 80, Add	*5.74*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	15.74	2.51
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.69*	
		For Vinyl Coated, Add	*6.45*	
		For Powder Coated, Add	*8.60*	
		For Aluminum Coated, Add	*13.44*	
		For Schedule 20, Deduct	*-2.15*	
		For Schedule 80, Add	*5.66*	
32 31 13 13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	14.77	2.03
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.69*	
		For Vinyl Coated, Add	*6.45*	
		For Powder Coated, Add	*8.60*	
		For Aluminum Coated, Add	*13.44*	
		For Schedule 20, Deduct	*-2.15*	
		For Schedule 80, Add	*5.56*	
32 31 13 13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	13.97	1.64
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.69*	
		For Vinyl Coated, Add	*6.45*	
		For Powder Coated, Add	*8.60*	
		For Aluminum Coated, Add	*13.44*	
		For Schedule 20, Deduct	*-2.15*	
		For Schedule 80, Add	*5.48*	
32 31 13 13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	13.43	1.35
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.69*	
		For Vinyl Coated, Add	*6.45*	
		For Powder Coated, Add	*8.60*	
		For Aluminum Coated, Add	*13.44*	
		For Schedule 20, Deduct	*-2.15*	
		For Schedule 80, Add	*5.43*	
32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	12.93	1.06
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.69*	
		For Vinyl Coated, Add	*6.45*	
		For Powder Coated, Add	*8.60*	
		For Aluminum Coated, Add	*13.44*	
		For Schedule 20, Deduct	*-2.15*	
		For Schedule 80, Add	*5.38*	

32 31 13 13-0095 Post Without Top Rail Fitting, Galvanized Steel, (4" Nominal) *(32 31 13 13-0059)*

Note: 4" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	23.57	3.09
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.37*	
		For Vinyl Coated, Add	*10.48*	
		For Powder Coated, Add	*13.98*	
		For Aluminum Coated, Add	*21.84*	
		For Schedule 20, Deduct	*-3.49*	
		For Schedule 80, Add	*9.00*	
32 31 13 13-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	22.55	2.51
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.37*	
		For Vinyl Coated, Add	*10.48*	
		For Powder Coated, Add	*13.98*	
		For Aluminum Coated, Add	*21.84*	
		For Schedule 20, Deduct	*-3.49*	
		For Schedule 80, Add	*8.89*	
32 31 13 13-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	21.71	2.12
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.37*	
		For Vinyl Coated, Add	*10.48*	
		For Powder Coated, Add	*13.98*	
		For Aluminum Coated, Add	*21.84*	
		For Schedule 20, Deduct	*-3.49*	
		For Schedule 80, Add	*8.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	20.87	1.74
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.37*	
		For Vinyl Coated, Add	*10.48*	
		For Powder Coated, Add	*13.98*	
		For Aluminum Coated, Add	*21.84*	
		For Schedule 20, Deduct	*-3.49*	
		For Schedule 80, Add	*8.73*	
32 31 13 13-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	20.85	1.74
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.37*	
		For Vinyl Coated, Add	*10.48*	
		For Powder Coated, Add	*13.98*	
		For Aluminum Coated, Add	*21.84*	
		For Schedule 20, Deduct	*-3.49*	
		For Schedule 80, Add	*8.72*	
32 31 13 13-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length	19.88	1.26
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.37*	
		For Vinyl Coated, Add	*10.48*	
		For Powder Coated, Add	*13.98*	
		For Aluminum Coated, Add	*21.84*	
		For Schedule 20, Deduct	*-3.49*	
		For Schedule 80, Add	*8.63*	

32 31 13 13-0102 Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) *(32 31 13 13-0059)*

Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0103	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	43.82	3.38
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.26*	
		For Vinyl Coated, Add	*22.22*	
		For Powder Coated, Add	*29.63*	
		For Aluminum Coated, Add	*46.30*	
		For Schedule 20, Deduct	*-7.41*	
		For Schedule 80, Add	*18.46*	
32 31 13 13-0104	LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	42.72	2.80
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.26*	
		For Vinyl Coated, Add	*22.22*	
		For Powder Coated, Add	*29.63*	
		For Aluminum Coated, Add	*46.30*	
		For Schedule 20, Deduct	*-7.41*	
		For Schedule 80, Add	*18.35*	
32 31 13 13-0105	LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	41.75	2.32
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.26*	
		For Vinyl Coated, Add	*22.22*	
		For Powder Coated, Add	*29.63*	
		For Aluminum Coated, Add	*46.30*	
		For Schedule 20, Deduct	*-7.41*	
		For Schedule 80, Add	*18.25*	
32 31 13 13-0106	LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	40.81	1.84
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.26*	
		For Vinyl Coated, Add	*22.22*	
		For Powder Coated, Add	*29.63*	
		For Aluminum Coated, Add	*46.30*	
		For Schedule 20, Deduct	*-7.41*	
		For Schedule 80, Add	*18.16*	
32 31 13 13-0107	LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	40.26	1.64
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.26*	
		For Vinyl Coated, Add	*22.22*	
		For Powder Coated, Add	*29.63*	
		For Aluminum Coated, Add	*46.30*	
		For Schedule 20, Deduct	*-7.41*	
		For Schedule 80, Add	*18.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0108	LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	39.72	1.35
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*9.26*	
		For Vinyl Coated, Add	*22.22*	
		For Powder Coated, Add	*29.63*	
		For Aluminum Coated, Add	*46.30*	
		For Schedule 20, Deduct	*-7.41*	
		For Schedule 80, Add	*18.05*	

32 31 13 13-0109 Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) *(32 31 13 13-0059)*

Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0110	LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	83.43	3.77
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.98*	
		For Vinyl Coated, Add	*45.54*	
		For Powder Coated, Add	*60.72*	
		For Aluminum Coated, Add	*94.88*	
		For Schedule 20, Deduct	*-15.18*	
		For Schedule 80, Add	*37.19*	
32 31 13 13-0111	LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	82.20	3.19
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.98*	
		For Vinyl Coated, Add	*45.54*	
		For Powder Coated, Add	*60.72*	
		For Aluminum Coated, Add	*94.88*	
		For Schedule 20, Deduct	*-15.18*	
		For Schedule 80, Add	*37.06*	
32 31 13 13-0112	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	81.12	2.61
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.98*	
		For Vinyl Coated, Add	*45.54*	
		For Powder Coated, Add	*60.72*	
		For Aluminum Coated, Add	*94.88*	
		For Schedule 20, Deduct	*-15.18*	
		For Schedule 80, Add	*36.95*	
32 31 13 13-0113	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	80.04	2.03
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.98*	
		For Vinyl Coated, Add	*45.54*	
		For Powder Coated, Add	*60.72*	
		For Aluminum Coated, Add	*94.88*	
		For Schedule 20, Deduct	*-15.18*	
		For Schedule 80, Add	*36.85*	
32 31 13 13-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	79.48	1.74
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.98*	
		For Vinyl Coated, Add	*45.54*	
		For Powder Coated, Add	*60.72*	
		For Aluminum Coated, Add	*94.88*	
		For Schedule 20, Deduct	*-15.18*	
		For Schedule 80, Add	*36.79*	
32 31 13 13-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	78.89	1.45
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.98*	
		For Vinyl Coated, Add	*45.54*	
		For Powder Coated, Add	*60.72*	
		For Aluminum Coated, Add	*94.88*	
		For Schedule 20, Deduct	*-15.18*	
		For Schedule 80, Add	*36.73*	

32 31 13 13-0116 Driven Post Supports *(32 31 13 13)*

Note: OZ-Post.

32 31 13 13-0117 Driven Post Support For Round Chain Link Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0118	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post Note: OZ-Post GB-700.	56.08
32 31 13 13-0119	EA	26" Driven Post Support For 1-7/8" Round Chain Link Fence Post Note: OZ-Post HB-700.	56.08
32 31 13 13-0120	EA	26" Driven Post Support For 2-3/8" Round Chain Link Fence Post Note: OZ-Post IS-600.	57.37
32 31 13 13-0121	EA	32" Driven Post Support For 2-3/8" Round Chain Link Fence Post Note: OZ-Post ISW-850.	69.20

32 31 13 13-0122 Driven Post Support For Square Ornamental Fence Posts *(32 31 13 13-0116)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0123	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post Note: OZ-Post C175-850.	65.32	
32 31 13 13-0124	EA	24" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-600.	63.37	
32 31 13 13-0125	EA	34" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-850.	65.71	
32 31 13 13-0126	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post Note: OZ-Post I25-850.	69.20	
32 31 13 13-0127	EA	34" Driven Post Support For 3" Square Ornamental Fence Post Note: OZ-Post I3-850.	69.20	

32 31 13 13-0128 Driven Post Support For Wooden Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0129	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-600.	62.98	
32 31 13 13-0130	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-850.	67.26	
32 31 13 13-0131	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post Note: OZ-Post C4-850.	71.79	
32 31 13 13-0132	EA	34" Driven Post Support For 4" Square Wooden Fence Post Note: OZ-Post P4-850.	71.80	
32 31 13 13-0133	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post Note: OZ-Post T46-850.	80.22	
32 31 13 13-0134	EA	36" Driven Post Support For 6" Square Wooden Fence Post Note: OZ-Post T6-850.	86.17	

32 31 13 13-0135 Driven Post Support For Vinyl Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0136	EA	24" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-600.	62.98	
32 31 13 13-0137	EA	34" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-850.	67.26	
32 31 13 13-0138	EA	34" Driven Post Support For 4" Square Vinyl Fence Post Note: OZ-Post P4-850.	71.80	
32 31 13 13-0139	EA	34" Driven Post Support For 5" Square Vinyl Fence Post Note: OZ-Post P4-850.	72.83	

32 31 13 13-0140 Chain Link Fence Assemblies *(32 31 13 13)*

32 31 13 13-0141 Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts *(32 31 13 13-0140)*

Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0641 for barb wire attachments.

32 31 13 13-0142 Galvanized *(32 31 13 13-0141)*

32 31 13 13-0143	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	26.68	3.29
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*1.98*	
		For 13 Gauge Fabric, Deduct	*-4.80*	
		For 11 Gauge Fabric, Deduct	*-2.80*	
		For 6 Gauge Fabric, Add	*4.41*	
		For 1" Mesh Fabric, Add	*6.01*	
		For 1-3/4" Mesh Fabric, Add	*2.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.20*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.60*	
		For Posts 8' On Centers, Add	*1.49*	
		For Posts 5' On Centers, Add	*5.64*	
		For Up To 100, Add	*5.29*	
		For >100 To 250, Add	*1.98*	
		For >2,500 To 5,000, Deduct	*-0.99*	
		For >5,000, Deduct	*-1.98*	
32 31 13 13-0144	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	27.68	3.29
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.04*	
		For 13 Gauge Fabric, Deduct	*-5.08*	
		For 11 Gauge Fabric, Deduct	*-2.97*	
		For 6 Gauge Fabric, Add	*4.66*	
		For 1" Mesh Fabric, Add	*6.36*	
		For 1-3/4" Mesh Fabric, Add	*2.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.27*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.69*	
		For Posts 8' On Centers, Add	*1.54*	
		For Posts 5' On Centers, Add	*5.83*	
		For Up To 100, Add	*5.46*	
		For >100 To 250, Add	*2.04*	
		For >2,500 To 5,000, Deduct	*-1.02*	
		For >5,000, Deduct	*-2.04*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0145	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	28.56	3.29
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.09*	
		For 13 Gauge Fabric, Deduct	*-5.31*	
		For 11 Gauge Fabric, Deduct	*-3.10*	
		For 6 Gauge Fabric, Add	*4.87*	
		For 1" Mesh Fabric, Add	*6.65*	
		For 1-3/4" Mesh Fabric, Add	*2.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.33*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.77*	
		For Posts 8' On Centers, Add	*1.59*	
		For Posts 5' On Centers, Add	*6.00*	
		For Up To 100, Add	*5.61*	
		For >100 To 250, Add	*2.09*	
		For >2,500 To 5,000, Deduct	*-1.05*	
		For >5,000, Deduct	*-2.09*	
32 31 13 13-0146	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	30.60	3.29
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.22*	
		For 13 Gauge Fabric, Deduct	*-5.87*	
		For 11 Gauge Fabric, Deduct	*-3.43*	
		For 6 Gauge Fabric, Add	*5.39*	
		For 1" Mesh Fabric, Add	*7.35*	
		For 1-3/4" Mesh Fabric, Add	*2.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.47*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.96*	
		For Posts 8' On Centers, Add	*1.69*	
		For Posts 5' On Centers, Add	*6.40*	
		For Up To 100, Add	*5.96*	
		For >100 To 250, Add	*2.22*	
		For >2,500 To 5,000, Deduct	*-1.11*	
		For >5,000, Deduct	*-2.22*	
32 31 13 13-0147	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	33.12	3.29
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.39*	
		For 13 Gauge Fabric, Deduct	*-6.44*	
		For 11 Gauge Fabric, Deduct	*-3.76*	
		For 6 Gauge Fabric, Add	*5.91*	
		For 1" Mesh Fabric, Add	*8.06*	
		For 1-3/4" Mesh Fabric, Add	*3.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.61*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.15*	
		For Posts 8' On Centers, Add	*1.83*	
		For Posts 5' On Centers, Add	*6.91*	
		For Up To 100, Add	*6.43*	
		For >100 To 250, Add	*2.39*	
		For >2,500 To 5,000, Deduct	*-1.19*	
		For >5,000, Deduct	*-2.39*	
32 31 13 13-0148	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	34.43	4.93
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.48*	
		For 13 Gauge Fabric, Deduct	*-6.70*	
		For 11 Gauge Fabric, Deduct	*-3.92*	
		For 6 Gauge Fabric, Add	*6.15*	
		For 1" Mesh Fabric, Add	*8.39*	
		For 1-3/4" Mesh Fabric, Add	*3.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.68*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.24*	
		For Posts 8' On Centers, Add	*1.90*	
		For Posts 5' On Centers, Add	*7.18*	
		For Up To 100, Add	*6.68*	
		For >100 To 250, Add	*2.48*	
		For >2,500 To 5,000, Deduct	*-1.24*	
		For >5,000, Deduct	*-2.48*	
32 31 13 13-0149	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	38.77	5.75
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.74*	
		For 13 Gauge Fabric, Deduct	*-7.87*	
		For 11 Gauge Fabric, Deduct	*-4.60*	
		For 6 Gauge Fabric, Add	*7.23*	
		For 1" Mesh Fabric, Add	*9.85*	
		For 1-3/4" Mesh Fabric, Add	*3.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.97*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.63*	
		For Posts 8' On Centers, Add	*2.13*	
		For Posts 5' On Centers, Add	*8.03*	
		For Up To 100, Add	*7.43*	
		For >100 To 250, Add	*2.74*	
		For >2,500 To 5,000, Deduct	*-1.37*	
		For >5,000, Deduct	*-2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0150	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	41.32	7.39
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.91*	
		For 13 Gauge Fabric, Deduct	*-8.49*	
		For 11 Gauge Fabric, Deduct	*-4.96*	
		For 6 Gauge Fabric, Add	*7.79*	
		For 1" Mesh Fabric, Add	*10.63*	
		For 1-3/4" Mesh Fabric, Add	*4.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.13*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.83*	
		For Posts 8' On Centers, Add	*2.27*	
		For Posts 5' On Centers, Add	*8.54*	
		For Up To 100, Add	*7.89*	
		For >100 To 250, Add	*2.91*	
		For >2,500 To 5,000, Deduct	*-1.46*	
		For >5,000, Deduct	*-2.91*	
32 31 13 13-0151	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	43.86	8.21
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.08*	
		For 13 Gauge Fabric, Deduct	*-9.10*	
		For 11 Gauge Fabric, Deduct	*-5.32*	
		For 6 Gauge Fabric, Add	*8.36*	
		For 1" Mesh Fabric, Add	*11.40*	
		For 1-3/4" Mesh Fabric, Add	*4.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.28*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.04*	
		For Posts 8' On Centers, Add	*2.40*	
		For Posts 5' On Centers, Add	*9.04*	
		For Up To 100, Add	*8.35*	
		For >100 To 250, Add	*3.08*	
		For >2,500 To 5,000, Deduct	*-1.54*	
		For >5,000, Deduct	*-3.08*	

32 31 13 13-0152 Vinyl Coated *(32 31 13 13-0141)*

32 31 13 13-0153	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	29.53	3.29
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*2.44*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.14*	
		For 13 Gauge Fabric, Deduct	*-5.65*	
		For 11 Gauge Fabric, Deduct	*-3.30*	
		For 6 Gauge Fabric, Add	*5.18*	
		For 1" Mesh Fabric, Add	*7.07*	
		For 1-3/4" Mesh Fabric, Add	*2.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.41*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.89*	
		For Posts 8' On Centers, Add	*1.64*	
		For Posts 5' On Centers, Add	*6.18*	
		For Up To 100, Add	*5.76*	
		For >100 To 250, Add	*2.14*	
		For >2,500 To 5,000, Deduct	*-1.07*	
		For >5,000, Deduct	*-2.14*	
32 31 13 13-0154	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	31.82	3.29
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*2.72*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.28*	
		For 13 Gauge Fabric, Deduct	*-6.30*	
		For 11 Gauge Fabric, Deduct	*-3.68*	
		For 6 Gauge Fabric, Add	*5.78*	
		For 1" Mesh Fabric, Add	*7.88*	
		For 1-3/4" Mesh Fabric, Add	*3.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.58*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.10*	
		For Posts 8' On Centers, Add	*1.76*	
		For Posts 5' On Centers, Add	*6.62*	
		For Up To 100, Add	*6.14*	
		For >100 To 250, Add	*2.28*	
		For >2,500 To 5,000, Deduct	*-1.14*	
		For >5,000, Deduct	*-2.28*	
32 31 13 13-0155	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	35.61	3.29
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*3.15*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.51*	
		For 13 Gauge Fabric, Deduct	*-7.30*	
		For 11 Gauge Fabric, Deduct	*-4.27*	
		For 6 Gauge Fabric, Add	*6.71*	
		For 1" Mesh Fabric, Add	*9.14*	
		For 1-3/4" Mesh Fabric, Add	*3.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.83*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.44*	
		For Posts 8' On Centers, Add	*1.96*	
		For Posts 5' On Centers, Add	*7.36*	
		For Up To 100, Add	*6.80*	
		For >100 To 250, Add	*2.51*	
		For >2,500 To 5,000, Deduct	*-1.26*	
		For >5,000, Deduct	*-2.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0156	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	37.32	4.93
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*3.33*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.62*	
		For 13 Gauge Fabric, Deduct	*-7.71*	
		For 11 Gauge Fabric, Deduct	*-4.50*	
		For 6 Gauge Fabric, Add	*7.08*	
		For 1" Mesh Fabric, Add	*9.65*	
		For 1-3/4" Mesh Fabric, Add	*3.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.93*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.57*	
		For Posts 8' On Centers, Add	*2.05*	
		For Posts 5' On Centers, Add	*7.70*	
		For Up To 100, Add	*7.11*	
		For >100 To 250, Add	*2.62*	
		For >2,500 To 5,000, Deduct	*-1.31*	
		For >5,000, Deduct	*-2.62*	
32 31 13 13-0157	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	42.14	5.75
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*3.90*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.91*	
		For 13 Gauge Fabric, Deduct	*-9.04*	
		For 11 Gauge Fabric, Deduct	*-5.28*	
		For 6 Gauge Fabric, Add	*8.30*	
		For 1" Mesh Fabric, Add	*11.32*	
		For 1-3/4" Mesh Fabric, Add	*4.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.26*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.02*	
		For Posts 8' On Centers, Add	*2.30*	
		For Posts 5' On Centers, Add	*8.63*	
		For Up To 100, Add	*7.93*	
		For >100 To 250, Add	*2.91*	
		For >2,500 To 5,000, Deduct	*-1.46*	
		For >5,000, Deduct	*-2.91*	
32 31 13 13-0158	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	44.93	7.39
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.21*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.09*	
		For 13 Gauge Fabric, Deduct	*-9.74*	
		For 11 Gauge Fabric, Deduct	*-5.69*	
		For 6 Gauge Fabric, Add	*8.94*	
		For 1" Mesh Fabric, Add	*12.20*	
		For 1-3/4" Mesh Fabric, Add	*4.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.44*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.25*	
		For Posts 8' On Centers, Add	*2.45*	
		For Posts 5' On Centers, Add	*9.19*	
		For Up To 100, Add	*8.43*	
		For >100 To 250, Add	*3.09*	
		For >2,500 To 5,000, Deduct	*-1.55*	
		For >5,000, Deduct	*-3.09*	
32 31 13 13-0159	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	47.73	8.21
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.51*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.27*	
		For 13 Gauge Fabric, Deduct	*-10.45*	
		For 11 Gauge Fabric, Deduct	*-6.10*	
		For 6 Gauge Fabric, Add	*9.59*	
		For 1" Mesh Fabric, Add	*13.08*	
		For 1-3/4" Mesh Fabric, Add	*5.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.62*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.49*	
		For Posts 8' On Centers, Add	*2.60*	
		For Posts 5' On Centers, Add	*9.74*	
		For Up To 100, Add	*8.93*	
		For >100 To 250, Add	*3.27*	
		For >2,500 To 5,000, Deduct	*-1.63*	
		For >5,000, Deduct	*-3.27*	

32 31 13 13-0160 Rails *(32 31 13 13)*

Note: Includes rail end fittings.

32 31 13 13-0161 SS-20 Chain Link Fence Rails *(32 31 13 13-0160)*

Note: Includes tie wires.

32 31 13 13-0162	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	4.76	1.06
		For SS15, Deduct	*-0.25*	
		For SS40, Add	*0.64*	
32 31 13 13-0163	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings	5.61	1.06
		For SS40, Add	*0.34*	
		For Powder Coated, Add	*0.68*	
		For Aluminum Coated, Add	*1.36*	
32 31 13 13-0164	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	5.79	1.21
		For SS15, Deduct	*-0.34*	
		For SS40, Add	*0.85*	
32 31 13 13-0165	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings	6.93	1.21
		For SS40, Add	*0.45*	
		For Powder Coated, Add	*0.90*	
		For Aluminum Coated, Add	*1.81*	
32 31 13 13-0166	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	6.77	1.35
		For SS40, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0167	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings	8.13	1.35
		For SS40, Add	*0.54*	
		For Powder Coated, Add	*1.08*	
		For Aluminum Coated, Add	*2.17*	

32 31 13 13-0168 Fabric *(32 31 13 13)*

32 31 13 13-0169 Fabric, Galvanized Chain Link *(32 31 13 13-0168)*

32 31 13 13-0170	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	8.67	1.93
		For 1-1/4" Mesh Fabric, Add	*0.67*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*0.60*	
		For 13 Gauge Fabric, Deduct	*-1.08*	
		For 11 Gauge Fabric, Deduct	*-0.60*	
		For 6 Gauge Fabric, Add	*1.91*	
		For 1" Mesh Fabric, Add	*1.79*	
		For 1-1/4" Mesh Fabric, Add	*1.20*	
		For 1-3/4" Mesh Fabric, Add	*0.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.36*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.48*	
32 31 13 13-0171	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	9.55	2.17
		For 1-1/4" Mesh Fabric, Add	*0.78*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*0.70*	
		For 13 Gauge Fabric, Deduct	*-1.26*	
		For 11 Gauge Fabric, Deduct	*-0.70*	
		For 6 Gauge Fabric, Add	*2.23*	
		For 1" Mesh Fabric, Add	*2.09*	
		For 1-1/4" Mesh Fabric, Add	*1.40*	
		For 1-3/4" Mesh Fabric, Add	*0.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.42*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.56*	
32 31 13 13-0172	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	10.31	2.41
		For 1-1/4" Mesh Fabric, Add	*0.86*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*0.77*	
		For 13 Gauge Fabric, Deduct	*-1.38*	
		For 11 Gauge Fabric, Deduct	*-0.77*	
		For 6 Gauge Fabric, Add	*2.46*	
		For 1" Mesh Fabric, Add	*2.30*	
		For 1-1/4" Mesh Fabric, Add	*1.54*	
		For 1-3/4" Mesh Fabric, Add	*0.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.46*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.61*	
32 31 13 13-0173	LF	5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	11.56	2.90
		For 1-1/4" Mesh Fabric, Add	*1.07*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*0.96*	
		For 13 Gauge Fabric, Deduct	*-1.72*	
		For 11 Gauge Fabric, Deduct	*-0.96*	
		For 6 Gauge Fabric, Add	*3.06*	
		For 1" Mesh Fabric, Add	*2.87*	
		For 1-1/4" Mesh Fabric, Add	*1.92*	
		For 1-3/4" Mesh Fabric, Add	*1.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.57*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.77*	
32 31 13 13-0174	LF	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	12.88	3.38
		For 1-1/4" Mesh Fabric, Add	*1.29*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.15*	
		For 13 Gauge Fabric, Deduct	*-2.07*	
		For 11 Gauge Fabric, Deduct	*-1.15*	
		For 6 Gauge Fabric, Add	*3.68*	
		For 1" Mesh Fabric, Add	*3.45*	
		For 1-1/4" Mesh Fabric, Add	*2.30*	
		For 1-3/4" Mesh Fabric, Add	*1.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.69*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.92*	
32 31 13 13-0175	LF	7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	14.28	3.87
		For 1-1/4" Mesh Fabric, Add	*1.50*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.34*	
		For 13 Gauge Fabric, Deduct	*-2.41*	
		For 11 Gauge Fabric, Deduct	*-1.34*	
		For 6 Gauge Fabric, Add	*4.29*	
		For 1" Mesh Fabric, Add	*4.02*	
		For 1-1/4" Mesh Fabric, Add	*2.68*	
		For 1-3/4" Mesh Fabric, Add	*1.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.80*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.07*	
32 31 13 13-0176	LF	8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	15.79	4.83
		For 1-1/4" Mesh Fabric, Add	*1.72*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.53*	
		For 13 Gauge Fabric, Deduct	*-2.76*	
		For 11 Gauge Fabric, Deduct	*-1.53*	
		For 6 Gauge Fabric, Add	*4.90*	
		For 1" Mesh Fabric, Add	*4.60*	
		For 1-1/4" Mesh Fabric, Add	*3.07*	
		For 1-3/4" Mesh Fabric, Add	*1.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.92*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0177	LF	10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	18.62	5.31
		For 1-1/4" Mesh Fabric, Add	*2.23*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.99*	
		For 13 Gauge Fabric, Deduct	*-3.58*	
		For 11 Gauge Fabric, Deduct	*-1.99*	
		For 6 Gauge Fabric, Add	*6.37*	
		For 1" Mesh Fabric, Add	*5.97*	
		For 1-1/4" Mesh Fabric, Add	*3.98*	
		For 1-3/4" Mesh Fabric, Add	*2.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.19*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.59*	
32 31 13 13-0178	LF	12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	21.13	5.79
		For 1-1/4" Mesh Fabric, Add	*2.67*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.39*	
		For 13 Gauge Fabric, Deduct	*-4.29*	
		For 11 Gauge Fabric, Deduct	*-2.39*	
		For 6 Gauge Fabric, Add	*7.63*	
		For 1" Mesh Fabric, Add	*7.16*	
		For 1-1/4" Mesh Fabric, Add	*4.77*	
		For 1-3/4" Mesh Fabric, Add	*2.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.43*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.91*	
32 31 13 13-0179	LF	14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	23.78	6.76
		For 1-1/4" Mesh Fabric, Add	*2.87*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.56*	
		For 13 Gauge Fabric, Deduct	*-4.61*	
		For 11 Gauge Fabric, Deduct	*-2.56*	
		For 6 Gauge Fabric, Add	*8.20*	
		For 1" Mesh Fabric, Add	*7.69*	
		For 1-1/4" Mesh Fabric, Add	*5.13*	
		For 1-3/4" Mesh Fabric, Add	*3.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.54*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.05*	
32 31 13 13-0180	LF	16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	26.40	7.73
		For 1-1/4" Mesh Fabric, Add	*3.07*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.74*	
		For 13 Gauge Fabric, Deduct	*-4.93*	
		For 11 Gauge Fabric, Deduct	*-2.74*	
		For 6 Gauge Fabric, Add	*8.76*	
		For 1" Mesh Fabric, Add	*8.21*	
		For 1-1/4" Mesh Fabric, Add	*5.48*	
		For 1-3/4" Mesh Fabric, Add	*3.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.64*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.19*	
32 31 13 13-0181	SF	>16' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	1.64	0.45
		For 1-1/4" Mesh Fabric, Add	*0.19*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*0.17*	
		For 13 Gauge Fabric, Deduct	*-0.31*	
		For 11 Gauge Fabric, Deduct	*-0.17*	
		For 6 Gauge Fabric, Add	*0.54*	
		For 1" Mesh Fabric, Add	*0.51*	
		For 1-1/4" Mesh Fabric, Add	*0.34*	
		For 1-3/4" Mesh Fabric, Add	*0.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.10*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.14*	

32 31 13 13-0182 Fabric, Vinyl Coated Chain Link *(32 31 13 13-0168)*

32 31 13 13-0183	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	11.28	1.93
		For 1-1/4" Mesh Fabric, Add	*1.13*	
		For 13 Gauge Fabric, Deduct	*-1.82*	
		For 11 Gauge Fabric, Deduct	*-1.01*	
		For 6 Gauge Fabric, Add	*3.23*	
		For 1" Mesh Fabric, Add	*3.03*	
		For 1-1/4" Mesh Fabric, Add	*2.02*	
		For 1-3/4" Mesh Fabric, Add	*1.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.61*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.81*	
		For Aluminum Coated, Add	*1.62*	
32 31 13 13-0184	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	12.78	2.90
		For 1-1/4" Mesh Fabric, Add	*1.41*	
		For 13 Gauge Fabric, Deduct	*-2.27*	
		For 11 Gauge Fabric, Deduct	*-1.26*	
		For 6 Gauge Fabric, Add	*4.04*	
		For 1" Mesh Fabric, Add	*3.79*	
		For 1-1/4" Mesh Fabric, Add	*2.53*	
		For 1-3/4" Mesh Fabric, Add	*1.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.76*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.01*	
		For Aluminum Coated, Add	*2.02*	
32 31 13 13-0185	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	15.37	3.38
		For 1-1/4" Mesh Fabric, Add	*1.99*	
		For 13 Gauge Fabric, Deduct	*-3.19*	
		For 11 Gauge Fabric, Deduct	*-1.77*	
		For 6 Gauge Fabric, Add	*5.67*	
		For 1" Mesh Fabric, Add	*5.32*	
		For 1-1/4" Mesh Fabric, Add	*3.55*	
		For 1-3/4" Mesh Fabric, Add	*2.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.06*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.42*	
		For Aluminum Coated, Add	*2.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0186	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	17.17	3.87
		For 1-1/4" Mesh Fabric, Add	*2.31*	
		For 13 Gauge Fabric, Deduct	*-3.71*	
		For 11 Gauge Fabric, Deduct	*-2.06*	
		For 6 Gauge Fabric, Add	*6.60*	
		For 1" Mesh Fabric, Add	*6.19*	
		For 1-1/4" Mesh Fabric, Add	*4.13*	
		For 1-3/4" Mesh Fabric, Add	*2.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.24*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.65*	
		For Aluminum Coated, Add	*3.30*	
32 31 13 13-0187	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	19.16	4.83
		For 1-1/4" Mesh Fabric, Add	*2.66*	
		For 13 Gauge Fabric, Deduct	*-4.28*	
		For 11 Gauge Fabric, Deduct	*-2.38*	
		For 6 Gauge Fabric, Add	*7.60*	
		For 1" Mesh Fabric, Add	*7.13*	
		For 1-1/4" Mesh Fabric, Add	*4.75*	
		For 1-3/4" Mesh Fabric, Add	*2.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.43*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.90*	
		For Aluminum Coated, Add	*3.80*	
32 31 13 13-0188	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	22.49	5.31
		For 1-1/4" Mesh Fabric, Add	*3.31*	
		For 13 Gauge Fabric, Deduct	*-5.32*	
		For 11 Gauge Fabric, Deduct	*-2.96*	
		For 6 Gauge Fabric, Add	*9.46*	
		For 1" Mesh Fabric, Add	*8.87*	
		For 1-1/4" Mesh Fabric, Add	*5.92*	
		For 1-3/4" Mesh Fabric, Add	*3.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.77*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.37*	
		For Aluminum Coated, Add	*4.73*	
32 31 13 13-0189	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	24.53	5.79
		For 1-1/4" Mesh Fabric, Add	*3.62*	
		For 13 Gauge Fabric, Deduct	*-5.82*	
		For 11 Gauge Fabric, Deduct	*-3.24*	
		For 6 Gauge Fabric, Add	*10.35*	
		For 1" Mesh Fabric, Add	*9.71*	
		For 1-1/4" Mesh Fabric, Add	*6.47*	
		For 1-3/4" Mesh Fabric, Add	*3.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.94*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.59*	
		For Aluminum Coated, Add	*5.18*	
32 31 13 13-0190	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	27.77	6.76
		For 1-1/4" Mesh Fabric, Add	*3.99*	
		For 13 Gauge Fabric, Deduct	*-6.41*	
		For 11 Gauge Fabric, Deduct	*-3.56*	
		For 6 Gauge Fabric, Add	*11.39*	
		For 1" Mesh Fabric, Add	*10.68*	
		For 1-1/4" Mesh Fabric, Add	*7.12*	
		For 1-3/4" Mesh Fabric, Add	*4.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.14*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.85*	
		For Aluminum Coated, Add	*5.70*	
32 31 13 13-0191	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	31.05	7.73
		For 1-1/4" Mesh Fabric, Add	*4.37*	
		For 13 Gauge Fabric, Deduct	*-7.02*	
		For 11 Gauge Fabric, Deduct	*-3.90*	
		For 6 Gauge Fabric, Add	*12.48*	
		For 1" Mesh Fabric, Add	*11.70*	
		For 1-1/4" Mesh Fabric, Add	*7.80*	
		For 1-3/4" Mesh Fabric, Add	*4.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.34*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.12*	
		For Aluminum Coated, Add	*6.24*	
32 31 13 13-0192	SF	>16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	1.94	0.45
		For 1-1/4" Mesh Fabric, Add	*0.27*	
		For 13 Gauge Fabric, Deduct	*-0.44*	
		For 11 Gauge Fabric, Deduct	*-0.25*	
		For 6 Gauge Fabric, Add	*0.78*	
		For 1" Mesh Fabric, Add	*0.74*	
		For 1-1/4" Mesh Fabric, Add	*0.49*	
		For 1-3/4" Mesh Fabric, Add	*0.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.15*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.20*	
		For Aluminum Coated, Add	*0.39*	

32 31 13 13-0193 Fabric, Aluminized Steel Chain Link *(32 31 13 13-0168)*

32 31 13 13-0194	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	8.84	1.93
		For 6 Gauge Fabric, Add	*2.05*	
		For 1" Mesh Fabric, Add	*2.69*	
32 31 13 13-0195	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	9.74	2.17
		For 6 Gauge Fabric, Add	*2.38*	
		For 1" Mesh Fabric, Add	*3.13*	
32 31 13 13-0196	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	10.65	2.41
		For 6 Gauge Fabric, Add	*2.73*	
		For 1" Mesh Fabric, Add	*3.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0197	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	11.99	2.90
		For 6 Gauge Fabric, Add	*3.41*	
		For 1" Mesh Fabric, Add	*4.47*	
32 31 13 13-0198	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	13.37	3.38
		For 6 Gauge Fabric, Add	*4.07*	
		For 1" Mesh Fabric, Add	*5.34*	
32 31 13 13-0199	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	14.87	3.87
		For 6 Gauge Fabric, Add	*4.76*	
		For 1" Mesh Fabric, Add	*6.25*	
32 31 13 13-0200	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	16.46	4.83
		For 6 Gauge Fabric, Add	*5.44*	
		For 1" Mesh Fabric, Add	*7.14*	
32 31 13 13-0201	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	19.16	5.31
		For 6 Gauge Fabric, Add	*6.80*	
		For 1" Mesh Fabric, Add	*8.93*	
32 31 13 13-0202	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	21.79	5.79
		For 6 Gauge Fabric, Add	*8.16*	
		For 1" Mesh Fabric, Add	*10.71*	

32 31 13 13-0203 Fabric, All Aluminum Chain Link *(32 31 13 13-0168)*

32 31 13 13-0204	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	12.98	1.93
		For 6 Gauge Fabric, Add	*5.36*	
		For 1" Mesh Fabric, Add	*7.04*	
32 31 13 13-0205	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	14.58	2.17
		For 6 Gauge Fabric, Add	*6.26*	
		For 1" Mesh Fabric, Add	*8.21*	
32 31 13 13-0206	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	16.17	2.41
		For 6 Gauge Fabric, Add	*7.14*	
		For 1" Mesh Fabric, Add	*9.38*	
32 31 13 13-0207	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	18.90	2.90
		For 6 Gauge Fabric, Add	*8.94*	
		For 1" Mesh Fabric, Add	*11.73*	
32 31 13 13-0208	LF	6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	21.68	3.38
		For 6 Gauge Fabric, Add	*10.72*	
		For 1" Mesh Fabric, Add	*14.07*	
32 31 13 13-0209	LF	7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	24.55	3.87
		For 6 Gauge Fabric, Add	*12.50*	
		For 1" Mesh Fabric, Add	*16.41*	
32 31 13 13-0210	LF	8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	27.53	4.83
		For 6 Gauge Fabric, Add	*14.30*	
		For 1" Mesh Fabric, Add	*18.76*	
32 31 13 13-0211	LF	10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	32.99	5.31
		For 6 Gauge Fabric, Add	*17.86*	
		For 1" Mesh Fabric, Add	*23.45*	
32 31 13 13-0212	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	38.39	5.79
		For 6 Gauge Fabric, Add	*21.44*	
		For 1" Mesh Fabric, Add	*28.14*	

32 31 13 13-0213 Fence Inserts *(32 31 13 13-0168)*

Note: For use with new or existing chain link fence, per lf of fence.

32 31 13 13-0214 Vinyl Plastic Fence Inserts *(32 31 13 13-0213)*

Note: Assorted colors.

32 31 13 13-0215	LF	3' High Fence, Vinyl Plastic Fence Insert	6.42
32 31 13 13-0216	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert	7.36
32 31 13 13-0217	LF	4' High Fence, Vinyl Plastic Fence Insert	8.12
32 31 13 13-0218	LF	5' High Fence, Vinyl Plastic Fence Insert	10.17
32 31 13 13-0219	LF	6' High Fence, Vinyl Plastic Fence Insert	12.18
32 31 13 13-0220	LF	7' High Fence, Vinyl Plastic Fence Insert	14.24
32 31 13 13-0221	LF	8' High Fence, Vinyl Plastic Fence Insert	16.23
32 31 13 13-0222	LF	10' High Fence, Vinyl Plastic Fence Insert	19.38

32 31 13 13-0223 Aluminum Fence Inserts *(32 31 13 13-0213)*

Note: Assorted colors.

32 31 13 13-0224	LF	3' High Fence, Aluminum Fence Insert	18.42
32 31 13 13-0225	LF	3-1/2' High Fence, Aluminum Fence Insert	20.26
32 31 13 13-0226	LF	4' High Fence, Aluminum Fence Insert	23.31
32 31 13 13-0227	LF	5' High Fence, Aluminum Fence Insert	29.18
32 31 13 13-0228	LF	6' High Fence, Aluminum Fence Insert	35.00
32 31 13 13-0229	LF	7' High Fence, Aluminum Fence Insert	38.36
32 31 13 13-0230	LF	8' High Fence, Aluminum Fence Insert	46.65
32 31 13 13-0231	LF	10' High Fence, Aluminum Fence Insert	57.60

32 31 13 13-0232 Redwood Fence Inserts *(32 31 13 13-0213)*

32 31 13 13-0233	LF	4' High Fence, Redwood Fence Insert	10.56
32 31 13 13-0234	LF	5' High Fence, Redwood Fence Insert	13.36
32 31 13 13-0235	LF	6' High Fence, Redwood Fence Insert	16.05
32 31 13 13-0236	LF	7' High Fence, Redwood Fence Insert	18.68
32 31 13 13-0237	LF	8' High Fence, Redwood Fence Insert	21.37

32 31 13 13-0238 Diagonal Flexible Polyethylene Inserts *(32 31 13 13-0213)*

32 31 13 13-0239	SF	Diagonal Polyethylene Fence Weave	2.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 31 13 13-0240 Hedge Link Fence Inserts *(32 31 13 13-0213)*

32 31 13 13-0241	LF	3' High Fence, Hedge Link Fence Insert	13.18	
32 31 13 13-0242	LF	3-1/2' High Fence, Hedge Link Fence Insert	14.99	
32 31 13 13-0243	LF	4' High Fence, Hedge Link Fence Insert	17.72	
32 31 13 13-0244	LF	5' High Fence, Hedge Link Fence Insert	21.90	
32 31 13 13-0245	LF	6' High Fence, Hedge Link Fence Insert	25.18	
32 31 13 13-0246	LF	7' High Fence, Hedge Link Fence Insert	31.53	
32 31 13 13-0247	LF	8' High Fence, Hedge Link Fence Insert	35.83	
32 31 13 13-0248	LF	10' High Fence, Hedge Link Fence Insert	42.68	

32 31 13 13-0249 Fence Windscreen Fabric *(32 31 13 13-0168)*

Note: Includes plastic wire clips.

32 31 13 13-0250	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY	1.16	0.44
		For Sewn Boxed Vent (Each), Add	*16.03*	
		For Welded Boxed Vent (Each), Add	*8.01*	
		For 4' x 4' One Color Logo (Each), Add	*333.90*	

32 31 13 13-0251 Non-Climbable Fabric, Galvanized Chain Link *(32 31 13 13-0168)*

32 31 13 13-0252	LF	3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	20.46	1.93
		For 11 Gauge, Deduct	*-2.84*	
		For 10 Gauge, Deduct	*-1.13*	
		For 7 Gauge, Add	*1.70*	
		For 6 Gauge, Add	*3.97*	
		For 1/2" Mesh Fabric, Deduct	*-0.71*	
		For 5/8" Mesh Fabric, Deduct	*-1.56*	
		For 3/4" Mesh Fabric, Deduct	*-2.27*	
32 31 13 13-0253	LF	3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	23.30	2.17
		For 11 Gauge, Deduct	*-3.31*	
		For 10 Gauge, Deduct	*-1.32*	
		For 7 Gauge, Add	*1.98*	
		For 6 Gauge, Add	*4.63*	
		For 1/2" Mesh Fabric, Deduct	*-0.83*	
		For 5/8" Mesh Fabric, Deduct	*-1.82*	
		For 3/4" Mesh Fabric, Deduct	*-2.65*	
32 31 13 13-0254	LF	4' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	26.16	2.41
		For 11 Gauge, Deduct	*-3.78*	
		For 10 Gauge, Deduct	*-1.51*	
		For 7 Gauge, Add	*2.27*	
		For 6 Gauge, Add	*5.30*	
		For 1/2" Mesh Fabric, Deduct	*-0.95*	
		For 5/8" Mesh Fabric, Deduct	*-2.08*	
		For 3/4" Mesh Fabric, Deduct	*-3.03*	
32 31 13 13-0255	LF	5' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	31.37	2.90
		For 11 Gauge, Deduct	*-4.73*	
		For 10 Gauge, Deduct	*-1.89*	
		For 7 Gauge, Add	*2.84*	
		For 6 Gauge, Add	*6.62*	
		For 1/2" Mesh Fabric, Deduct	*-1.18*	
		For 5/8" Mesh Fabric, Deduct	*-2.60*	
		For 3/4" Mesh Fabric, Deduct	*-3.78*	
32 31 13 13-0256	LF	6' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	36.63	3.38
		For 11 Gauge, Deduct	*-5.67*	
		For 10 Gauge, Deduct	*-2.27*	
		For 7 Gauge, Add	*3.40*	
		For 6 Gauge, Add	*7.94*	
		For 1/2" Mesh Fabric, Deduct	*-1.42*	
		For 5/8" Mesh Fabric, Deduct	*-3.12*	
		For 3/4" Mesh Fabric, Deduct	*-4.54*	
32 31 13 13-0257	LF	7' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	42.00	3.87
		For 11 Gauge, Deduct	*-6.62*	
		For 10 Gauge, Deduct	*-2.65*	
		For 7 Gauge, Add	*3.97*	
		For 6 Gauge, Add	*9.26*	
		For 1/2" Mesh Fabric, Deduct	*-1.65*	
		For 5/8" Mesh Fabric, Deduct	*-3.64*	
		For 3/4" Mesh Fabric, Deduct	*-5.29*	
32 31 13 13-0258	LF	8' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	47.47	4.83
		For 11 Gauge, Deduct	*-7.56*	
		For 10 Gauge, Deduct	*-3.02*	
		For 7 Gauge, Add	*4.54*	
		For 6 Gauge, Add	*10.59*	
		For 1/2" Mesh Fabric, Deduct	*-1.89*	
		For 5/8" Mesh Fabric, Deduct	*-4.16*	
		For 3/4" Mesh Fabric, Deduct	*-6.05*	
32 31 13 13-0259	LF	9' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	52.23	5.07
		For 11 Gauge, Deduct	*-8.42*	
		For 10 Gauge, Deduct	*-3.37*	
		For 7 Gauge, Add	*5.05*	
		For 6 Gauge, Add	*11.79*	
		For 1/2" Mesh Fabric, Deduct	*-2.10*	
		For 5/8" Mesh Fabric, Deduct	*-4.63*	
		For 3/4" Mesh Fabric, Deduct	*-6.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0260	LF	10' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	57.03	5.31
		For 11 Gauge, Deduct	*-9.27*	
		For 10 Gauge, Deduct	*-3.71*	
		For 7 Gauge, Add	*5.56*	
		For 6 Gauge, Add	*12.98*	
		For 1/2" Mesh Fabric, Deduct	*-2.32*	
		For 5/8" Mesh Fabric, Deduct	*-5.10*	
		For 3/4" Mesh Fabric, Deduct	*-7.42*	
32 31 13 13-0261	LF	12' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	61.85	5.79
		For 11 Gauge, Deduct	*-10.05*	
		For 10 Gauge, Deduct	*-4.02*	
		For 7 Gauge, Add	*6.03*	
		For 6 Gauge, Add	*14.07*	
		For 1/2" Mesh Fabric, Deduct	*-2.51*	
		For 5/8" Mesh Fabric, Deduct	*-5.53*	
		For 3/4" Mesh Fabric, Deduct	*-8.04*	

32 31 13 13-0262 Gates *(32 31 13 13)*

Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 08 78 00 00-0001 for padlocks, 08 78 00 00-0002 for padlocks, 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 13 13-0263 Galvanized Steel Without Barbed Wire *(32 31 13 13-0262)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0264 4' Fence Height *(32 31 13 13-0263)*

32 31 13 13-0265	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	210.09	19.01
		For Gate With Single Barb Wire Arm, Add	*16.58*	
		For Gate With Double Barb Wire Arm, Add	*24.11*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.25*	
		For Aluminized Steel Gate And Post, Add	*72.33*	
		For Powder Coated Gate And Post, Add	*39.18*	
		For 1" Mesh Fabric, Add	*65.55*	
		For 1-1/4" Mesh Fabric, Add	*42.19*	
		For 1-3/4" Mesh Fabric, Add	*26.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.11*	
32 31 13 13-0266	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	260.32	19.80
		For Gate With Single Barb Wire Arm, Add	*22.10*	
		For Gate With Double Barb Wire Arm, Add	*32.15*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-37.67*	
		For Aluminized Steel Gate And Post, Add	*96.44*	
		For Powder Coated Gate And Post, Add	*52.24*	
		For 1" Mesh Fabric, Add	*87.40*	
		For 1-1/4" Mesh Fabric, Add	*56.26*	
		For 1-3/4" Mesh Fabric, Add	*34.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.48*	
32 31 13 13-0267	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	305.94	21.07
		For Gate With Single Barb Wire Arm, Add	*26.68*	
		For Gate With Double Barb Wire Arm, Add	*38.81*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.48*	
		For Aluminized Steel Gate And Post, Add	*116.44*	
		For Powder Coated Gate And Post, Add	*63.07*	
		For 1" Mesh Fabric, Add	*105.52*	
		For 1-1/4" Mesh Fabric, Add	*67.92*	
		For 1-3/4" Mesh Fabric, Add	*42.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.10*	
32 31 13 13-0268	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	360.28	25.35
		For Gate With Single Barb Wire Arm, Add	*31.27*	
		For Gate With Double Barb Wire Arm, Add	*45.48*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.29*	
		For Aluminized Steel Gate And Post, Add	*136.43*	
		For Powder Coated Gate And Post, Add	*73.90*	
		For 1" Mesh Fabric, Add	*123.64*	
		For 1-1/4" Mesh Fabric, Add	*79.58*	
		For 1-3/4" Mesh Fabric, Add	*49.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.73*	
32 31 13 13-0269	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	414.61	29.55
		For Gate With Single Barb Wire Arm, Add	*35.85*	
		For Gate With Double Barb Wire Arm, Add	*52.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-61.10*	
		For Aluminized Steel Gate And Post, Add	*156.43*	
		For Powder Coated Gate And Post, Add	*84.73*	
		For 1" Mesh Fabric, Add	*141.76*	
		For 1-1/4" Mesh Fabric, Add	*91.25*	
		For 1-3/4" Mesh Fabric, Add	*56.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.35*	
32 31 13 13-0270	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	470.65	33.74
		For Gate With Single Barb Wire Arm, Add	*40.62*	
		For Gate With Double Barb Wire Arm, Add	*59.08*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.24*	
		For Aluminized Steel Gate And Post, Add	*177.24*	
		For Powder Coated Gate And Post, Add	*96.01*	
		For 1" Mesh Fabric, Add	*160.63*	
		For 1-1/4" Mesh Fabric, Add	*103.39*	
		For 1-3/4" Mesh Fabric, Add	*64.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0271	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	524.97	38.01
		For Gate With Single Barb Wire Arm, Add	*45.20*	
		For Gate With Double Barb Wire Arm, Add	*65.75*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.05*	
		For Aluminized Steel Gate And Post, Add	*197.24*	
		For Powder Coated Gate And Post, Add	*106.84*	
		For 1" Mesh Fabric, Add	*178.75*	
		For 1-1/4" Mesh Fabric, Add	*115.06*	
		For 1-3/4" Mesh Fabric, Add	*71.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.75*	
32 31 13 13-0272	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	580.03	42.22
		For Gate With Single Barb Wire Arm, Add	*49.86*	
		For Gate With Double Barb Wire Arm, Add	*72.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-85.00*	
		For Aluminized Steel Gate And Post, Add	*217.59*	
		For Powder Coated Gate And Post, Add	*117.86*	
		For 1" Mesh Fabric, Add	*197.19*	
		For 1-1/4" Mesh Fabric, Add	*126.93*	
		For 1-3/4" Mesh Fabric, Add	*78.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.44*	
32 31 13 13-0273	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	729.50	42.22
		For Gate With Single Barb Wire Arm, Add	*66.30*	
		For Gate With Double Barb Wire Arm, Add	*96.44*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.02*	
		For Aluminized Steel Gate And Post, Add	*289.33*	
		For Powder Coated Gate And Post, Add	*156.72*	
		For 1" Mesh Fabric, Add	*262.20*	
		For 1-1/4" Mesh Fabric, Add	*168.78*	
		For 1-3/4" Mesh Fabric, Add	*104.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.44*	
32 31 13 13-0274	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	859.11	45.23
		For Gate With Single Barb Wire Arm, Add	*79.57*	
		For Gate With Double Barb Wire Arm, Add	*115.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-135.62*	
		For Aluminized Steel Gate And Post, Add	*347.20*	
		For Powder Coated Gate And Post, Add	*188.07*	
		For 1" Mesh Fabric, Add	*314.65*	
		For 1-1/4" Mesh Fabric, Add	*202.53*	
		For 1-3/4" Mesh Fabric, Add	*125.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-62.93*	
32 31 13 13-0275	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	990.11	48.71
		For Gate With Single Barb Wire Arm, Add	*92.83*	
		For Gate With Double Barb Wire Arm, Add	*135.02*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-158.23*	
		For Aluminized Steel Gate And Post, Add	*405.06*	
		For Powder Coated Gate And Post, Add	*219.41*	
		For 1" Mesh Fabric, Add	*367.09*	
		For 1-1/4" Mesh Fabric, Add	*236.29*	
		For 1-3/4" Mesh Fabric, Add	*146.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-73.42*	
32 31 13 13-0276	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,122.85	52.75
		For Gate With Single Barb Wire Arm, Add	*106.09*	
		For Gate With Double Barb Wire Arm, Add	*154.31*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-180.83*	
		For Aluminized Steel Gate And Post, Add	*462.93*	
		For Powder Coated Gate And Post, Add	*250.75*	
		For 1" Mesh Fabric, Add	*419.53*	
		For 1-1/4" Mesh Fabric, Add	*270.04*	
		For 1-3/4" Mesh Fabric, Add	*167.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-83.91*	
32 31 13 13-0277	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,281.16	65.29
		For Gate With Single Barb Wire Arm, Add	*119.35*	
		For Gate With Double Barb Wire Arm, Add	*173.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-203.44*	
		For Aluminized Steel Gate And Post, Add	*520.80*	
		For Powder Coated Gate And Post, Add	*282.10*	
		For 1" Mesh Fabric, Add	*471.97*	
		For 1-1/4" Mesh Fabric, Add	*303.80*	
		For 1-3/4" Mesh Fabric, Add	*188.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-94.39*	
32 31 13 13-0278	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,415.74	69.98
		For Gate With Single Barb Wire Arm, Add	*132.61*	
		For Gate With Double Barb Wire Arm, Add	*192.89*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-226.04*	
		For Aluminized Steel Gate And Post, Add	*578.66*	
		For Powder Coated Gate And Post, Add	*313.44*	
		For 1" Mesh Fabric, Add	*524.41*	
		For 1-1/4" Mesh Fabric, Add	*337.55*	
		For 1-3/4" Mesh Fabric, Add	*209.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-104.88*	
32 31 13 13-0279	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,549.51	75.41
		For Gate With Single Barb Wire Arm, Add	*145.55*	
		For Gate With Double Barb Wire Arm, Add	*211.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.09*	
		For Aluminized Steel Gate And Post, Add	*635.12*	
		For Powder Coated Gate And Post, Add	*344.02*	
		For 1" Mesh Fabric, Add	*575.57*	
		For 1-1/4" Mesh Fabric, Add	*370.48*	
		For 1-3/4" Mesh Fabric, Add	*230.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0280	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,686.00	81.65
		For Gate With Single Barb Wire Arm, Add	*158.49*	
		For Gate With Double Barb Wire Arm, Add	*230.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-270.15*	
		For Aluminized Steel Gate And Post, Add	*691.57*	
		For Powder Coated Gate And Post, Add	*374.60*	
		For 1" Mesh Fabric, Add	*626.74*	
		For 1-1/4" Mesh Fabric, Add	*403.42*	
		For 1-3/4" Mesh Fabric, Add	*250.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-125.35*	
32 31 13 13-0281	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,825.90	89.10
		For Gate With Single Barb Wire Arm, Add	*171.42*	
		For Gate With Double Barb Wire Arm, Add	*249.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-292.20*	
		For Aluminized Steel Gate And Post, Add	*748.03*	
		For Powder Coated Gate And Post, Add	*405.18*	
		For 1" Mesh Fabric, Add	*677.90*	
		For 1-1/4" Mesh Fabric, Add	*436.35*	
		For 1-3/4" Mesh Fabric, Add	*271.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-135.58*	
32 31 13 13-0282	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,926.16	98.03
		For Gate With Single Barb Wire Arm, Add	*179.51*	
		For Gate With Double Barb Wire Arm, Add	*261.10*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-305.98*	
		For Aluminized Steel Gate And Post, Add	*783.31*	
		For Powder Coated Gate And Post, Add	*424.29*	
		For 1" Mesh Fabric, Add	*709.88*	
		For 1-1/4" Mesh Fabric, Add	*456.93*	
		For 1-3/4" Mesh Fabric, Add	*283.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-141.98*	
32 31 13 13-0283	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,135.28	108.88
		For Gate With Single Barb Wire Arm, Add	*198.92*	
		For Gate With Double Barb Wire Arm, Add	*289.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-339.06*	
		For Aluminized Steel Gate And Post, Add	*867.99*	
		For Powder Coated Gate And Post, Add	*470.16*	
		For 1" Mesh Fabric, Add	*786.62*	
		For 1-1/4" Mesh Fabric, Add	*506.33*	
		For 1-3/4" Mesh Fabric, Add	*314.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-157.32*	

32 31 13 13-0284 5' Fence Height *(32 31 13 13-0263)*

32 31 13 13-0285	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	249.58	21.07
		For Gate With Single Barb Wire Arm, Add	*20.48*	
		For Gate With Double Barb Wire Arm, Add	*29.80*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.92*	
		For Aluminized Steel Gate And Post, Add	*89.39*	
		For Powder Coated Gate And Post, Add	*48.42*	
		For 1" Mesh Fabric, Add	*81.01*	
		For 1-1/4" Mesh Fabric, Add	*52.14*	
		For 1-3/4" Mesh Fabric, Add	*32.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.20*	
32 31 13 13-0286	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	310.84	21.07
		For Gate With Single Barb Wire Arm, Add	*27.22*	
		For Gate With Double Barb Wire Arm, Add	*39.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-46.40*	
		For Aluminized Steel Gate And Post, Add	*118.79*	
		For Powder Coated Gate And Post, Add	*64.34*	
		For 1" Mesh Fabric, Add	*107.65*	
		For 1-1/4" Mesh Fabric, Add	*69.29*	
		For 1-3/4" Mesh Fabric, Add	*43.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.53*	
32 31 13 13-0287	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	361.38	22.42
		For Gate With Single Barb Wire Arm, Add	*32.34*	
		For Gate With Double Barb Wire Arm, Add	*47.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-55.13*	
		For Aluminized Steel Gate And Post, Add	*141.14*	
		For Powder Coated Gate And Post, Add	*76.45*	
		For 1" Mesh Fabric, Add	*127.91*	
		For 1-1/4" Mesh Fabric, Add	*82.33*	
		For 1-3/4" Mesh Fabric, Add	*51.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.58*	
32 31 13 13-0288	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	423.83	26.93
		For Gate With Single Barb Wire Arm, Add	*37.73*	
		For Gate With Double Barb Wire Arm, Add	*54.89*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-64.32*	
		For Aluminized Steel Gate And Post, Add	*164.66*	
		For Powder Coated Gate And Post, Add	*89.19*	
		For 1" Mesh Fabric, Add	*149.22*	
		For 1-1/4" Mesh Fabric, Add	*96.05*	
		For 1-3/4" Mesh Fabric, Add	*59.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0289	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	481.40	31.37
		For Gate With Single Barb Wire Arm, Add	*42.59*	
		For Gate With Double Barb Wire Arm, Add	*61.94*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-72.59*	
		For Aluminized Steel Gate And Post, Add	*185.83*	
		For Powder Coated Gate And Post, Add	*100.66*	
		For 1" Mesh Fabric, Add	*168.41*	
		For 1-1/4" Mesh Fabric, Add	*108.40*	
		For 1-3/4" Mesh Fabric, Add	*67.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.68*	
32 31 13 13-0290	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	544.67	36.11
		For Gate With Single Barb Wire Arm, Add	*47.98*	
		For Gate With Double Barb Wire Arm, Add	*69.78*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.78*	
		For Aluminized Steel Gate And Post, Add	*209.35*	
		For Powder Coated Gate And Post, Add	*113.40*	
		For 1" Mesh Fabric, Add	*189.73*	
		For 1-1/4" Mesh Fabric, Add	*122.12*	
		For 1-3/4" Mesh Fabric, Add	*75.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.95*	
32 31 13 13-0291	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	604.68	40.63
		For Gate With Single Barb Wire Arm, Add	*53.10*	
		For Gate With Double Barb Wire Arm, Add	*77.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-90.51*	
		For Aluminized Steel Gate And Post, Add	*231.70*	
		For Powder Coated Gate And Post, Add	*125.50*	
		For 1" Mesh Fabric, Add	*209.98*	
		For 1-1/4" Mesh Fabric, Add	*135.16*	
		For 1-3/4" Mesh Fabric, Add	*83.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-42.00*	
32 31 13 13-0292	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	664.70	45.06
		For Gate With Single Barb Wire Arm, Add	*58.22*	
		For Gate With Double Barb Wire Arm, Add	*84.68*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-99.24*	
		For Aluminized Steel Gate And Post, Add	*254.04*	
		For Powder Coated Gate And Post, Add	*137.61*	
		For 1" Mesh Fabric, Add	*230.23*	
		For 1-1/4" Mesh Fabric, Add	*148.19*	
		For 1-3/4" Mesh Fabric, Add	*92.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.05*	
32 31 13 13-0293	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	882.63	45.23
		For Gate With Single Barb Wire Arm, Add	*82.15*	
		For Gate With Double Barb Wire Arm, Add	*119.50*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-140.03*	
		For Aluminized Steel Gate And Post, Add	*358.49*	
		For Powder Coated Gate And Post, Add	*194.18*	
		For 1" Mesh Fabric, Add	*324.88*	
		For 1-1/4" Mesh Fabric, Add	*209.12*	
		For 1-3/4" Mesh Fabric, Add	*129.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.98*	
32 31 13 13-0294	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,043.04	48.71
		For Gate With Single Barb Wire Arm, Add	*98.65*	
		For Gate With Double Barb Wire Arm, Add	*143.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-168.15*	
		For Aluminized Steel Gate And Post, Add	*430.47*	
		For Powder Coated Gate And Post, Add	*233.17*	
		For 1" Mesh Fabric, Add	*390.11*	
		For 1-1/4" Mesh Fabric, Add	*251.11*	
		For 1-3/4" Mesh Fabric, Add	*156.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-78.02*	
32 31 13 13-0295	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,205.18	52.75
		For Gate With Single Barb Wire Arm, Add	*115.14*	
		For Gate With Double Barb Wire Arm, Add	*167.48*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-196.27*	
		For Aluminized Steel Gate And Post, Add	*502.45*	
		For Powder Coated Gate And Post, Add	*272.16*	
		For 1" Mesh Fabric, Add	*455.34*	
		For 1-1/4" Mesh Fabric, Add	*293.10*	
		For 1-3/4" Mesh Fabric, Add	*182.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.07*	
32 31 13 13-0296	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,392.90	65.29
		For Gate With Single Barb Wire Arm, Add	*131.64*	
		For Gate With Double Barb Wire Arm, Add	*191.48*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-224.39*	
		For Aluminized Steel Gate And Post, Add	*574.43*	
		For Powder Coated Gate And Post, Add	*311.15*	
		For 1" Mesh Fabric, Add	*520.58*	
		For 1-1/4" Mesh Fabric, Add	*335.08*	
		For 1-3/4" Mesh Fabric, Add	*208.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-104.12*	
32 31 13 13-0297	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,553.93	69.98
		For Gate With Single Barb Wire Arm, Add	*147.81*	
		For Gate With Double Barb Wire Arm, Add	*215.00*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-251.95*	
		For Aluminized Steel Gate And Post, Add	*645.00*	
		For Powder Coated Gate And Post, Add	*349.37*	
		For 1" Mesh Fabric, Add	*584.53*	
		For 1-1/4" Mesh Fabric, Add	*376.25*	
		For 1-3/4" Mesh Fabric, Add	*233.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-116.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0298	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,722.99	75.41
		For Gate With Single Barb Wire Arm, Add	*164.63*	
		For Gate With Double Barb Wire Arm, Add	*239.46*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-280.62*	
		For Aluminized Steel Gate And Post, Add	*718.39*	
		For Powder Coated Gate And Post, Add	*389.13*	
		For 1" Mesh Fabric, Add	*651.04*	
		For 1-1/4" Mesh Fabric, Add	*419.06*	
		For 1-3/4" Mesh Fabric, Add	*260.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-130.21*	
32 31 13 13-0299	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,891.82	81.65
		For Gate With Single Barb Wire Arm, Add	*181.13*	
		For Gate With Double Barb Wire Arm, Add	*263.46*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-308.74*	
		For Aluminized Steel Gate And Post, Add	*790.37*	
		For Powder Coated Gate And Post, Add	*428.12*	
		For 1" Mesh Fabric, Add	*716.27*	
		For 1-1/4" Mesh Fabric, Add	*461.05*	
		For 1-3/4" Mesh Fabric, Add	*286.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-143.25*	
32 31 13 13-0300	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,061.13	89.10
		For Gate With Single Barb Wire Arm, Add	*197.30*	
		For Gate With Double Barb Wire Arm, Add	*286.98*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-336.30*	
		For Aluminized Steel Gate And Post, Add	*860.94*	
		For Powder Coated Gate And Post, Add	*466.34*	
		For 1" Mesh Fabric, Add	*780.22*	
		For 1-1/4" Mesh Fabric, Add	*502.21*	
		For 1-3/4" Mesh Fabric, Add	*312.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-156.04*	
32 31 13 13-0301	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,240.78	98.03
		For Gate With Single Barb Wire Arm, Add	*214.12*	
		For Gate With Double Barb Wire Arm, Add	*311.44*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-364.97*	
		For Aluminized Steel Gate And Post, Add	*934.33*	
		For Powder Coated Gate And Post, Add	*506.10*	
		For 1" Mesh Fabric, Add	*846.74*	
		For 1-1/4" Mesh Fabric, Add	*545.03*	
		For 1-3/4" Mesh Fabric, Add	*338.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-169.35*	
32 31 13 13-0302	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,421.58	108.88
		For Gate With Single Barb Wire Arm, Add	*230.41*	
		For Gate With Double Barb Wire Arm, Add	*335.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-392.74*	
		For Aluminized Steel Gate And Post, Add	*1,005.42*	
		For Powder Coated Gate And Post, Add	*544.60*	
		For 1" Mesh Fabric, Add	*911.16*	
		For 1-1/4" Mesh Fabric, Add	*586.49*	
		For 1-3/4" Mesh Fabric, Add	*364.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-182.23*	
32 31 13 13-0303	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,608.38	122.49
		For Gate With Single Barb Wire Arm, Add	*246.46*	
		For Gate With Double Barb Wire Arm, Add	*358.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-420.10*	
		For Aluminized Steel Gate And Post, Add	*1,075.46*	
		For Powder Coated Gate And Post, Add	*582.54*	
		For 1" Mesh Fabric, Add	*974.64*	
		For 1-1/4" Mesh Fabric, Add	*627.35*	
		For 1-3/4" Mesh Fabric, Add	*389.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-194.93*	

32 31 13 13-0304 6' Fence Height *(32 31 13 13-0263)*

32 31 13 13-0305	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	267.60	22.58
		For Gate With Single Barb Wire Arm, Add	*21.97*	
		For Gate With Double Barb Wire Arm, Add	*31.95*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-37.44*	
		For Aluminized Steel Gate And Post, Add	*95.86*	
		For Powder Coated Gate And Post, Add	*51.92*	
		For 1" Mesh Fabric, Add	*86.87*	
		For 1-1/4" Mesh Fabric, Add	*55.92*	
		For 1-3/4" Mesh Fabric, Add	*34.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.37*	
32 31 13 13-0306	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	333.76	22.58
		For Gate With Single Barb Wire Arm, Add	*29.24*	
		For Gate With Double Barb Wire Arm, Add	*42.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-49.85*	
		For Aluminized Steel Gate And Post, Add	*127.61*	
		For Powder Coated Gate And Post, Add	*69.12*	
		For 1" Mesh Fabric, Add	*115.65*	
		For 1-1/4" Mesh Fabric, Add	*74.44*	
		For 1-3/4" Mesh Fabric, Add	*46.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0307	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	388.54	24.00
		For Gate With Single Barb Wire Arm, Add	*34.81*	
		For Gate With Double Barb Wire Arm, Add	*50.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.34*	
		For Aluminized Steel Gate And Post, Add	*151.90*	
		For Powder Coated Gate And Post, Add	*82.28*	
		For 1" Mesh Fabric, Add	*137.66*	
		For 1-1/4" Mesh Fabric, Add	*88.61*	
		For 1-3/4" Mesh Fabric, Add	*55.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.53*	
32 31 13 13-0308	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	452.22	28.99
		For Gate With Single Barb Wire Arm, Add	*40.16*	
		For Gate With Double Barb Wire Arm, Add	*58.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-68.45*	
		For Aluminized Steel Gate And Post, Add	*175.24*	
		For Powder Coated Gate And Post, Add	*94.92*	
		For 1" Mesh Fabric, Add	*158.81*	
		For 1-1/4" Mesh Fabric, Add	*102.23*	
		For 1-3/4" Mesh Fabric, Add	*63.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.76*	
32 31 13 13-0309	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	518.72	34.05
		For Gate With Single Barb Wire Arm, Add	*45.82*	
		For Gate With Double Barb Wire Arm, Add	*66.65*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-78.10*	
		For Aluminized Steel Gate And Post, Add	*199.94*	
		For Powder Coated Gate And Post, Add	*108.30*	
		For 1" Mesh Fabric, Add	*181.20*	
		For 1-1/4" Mesh Fabric, Add	*116.63*	
		For 1-3/4" Mesh Fabric, Add	*72.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.24*	
32 31 13 13-0310	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	581.99	38.81
		For Gate With Single Barb Wire Arm, Add	*51.21*	
		For Gate With Double Barb Wire Arm, Add	*74.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-87.29*	
		For Aluminized Steel Gate And Post, Add	*223.47*	
		For Powder Coated Gate And Post, Add	*121.05*	
		For 1" Mesh Fabric, Add	*202.52*	
		For 1-1/4" Mesh Fabric, Add	*130.36*	
		For 1-3/4" Mesh Fabric, Add	*81.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-40.50*	
32 31 13 13-0311	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	646.04	43.80
		For Gate With Single Barb Wire Arm, Add	*56.60*	
		For Gate With Double Barb Wire Arm, Add	*82.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-96.48*	
		For Aluminized Steel Gate And Post, Add	*246.99*	
		For Powder Coated Gate And Post, Add	*133.79*	
		For 1" Mesh Fabric, Add	*223.83*	
		For 1-1/4" Mesh Fabric, Add	*144.08*	
		For 1-3/4" Mesh Fabric, Add	*89.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.77*	
32 31 13 13-0312	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	688.04	48.79
		For Gate With Single Barb Wire Arm, Add	*59.57*	
		For Gate With Double Barb Wire Arm, Add	*86.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-101.54*	
		For Aluminized Steel Gate And Post, Add	*259.93*	
		For Powder Coated Gate And Post, Add	*140.80*	
		For 1" Mesh Fabric, Add	*235.56*	
		For 1-1/4" Mesh Fabric, Add	*151.63*	
		For 1-3/4" Mesh Fabric, Add	*94.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-47.11*	
32 31 13 13-0313	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	943.07	48.71
		For Gate With Single Barb Wire Arm, Add	*87.65*	
		For Gate With Double Barb Wire Arm, Add	*127.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-149.41*	
		For Aluminized Steel Gate And Post, Add	*382.48*	
		For Powder Coated Gate And Post, Add	*207.18*	
		For 1" Mesh Fabric, Add	*346.63*	
		For 1-1/4" Mesh Fabric, Add	*223.12*	
		For 1-3/4" Mesh Fabric, Add	*138.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-69.33*	
32 31 13 13-0314	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,114.03	52.75
		For Gate With Single Barb Wire Arm, Add	*105.12*	
		For Gate With Double Barb Wire Arm, Add	*152.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-179.18*	
		For Aluminized Steel Gate And Post, Add	*458.70*	
		For Powder Coated Gate And Post, Add	*248.46*	
		For 1" Mesh Fabric, Add	*415.69*	
		For 1-1/4" Mesh Fabric, Add	*267.57*	
		For 1-3/4" Mesh Fabric, Add	*166.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-83.14*	
32 31 13 13-0315	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,327.53	69.98
		For Gate With Single Barb Wire Arm, Add	*122.91*	
		For Gate With Double Barb Wire Arm, Add	*178.77*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-209.50*	
		For Aluminized Steel Gate And Post, Add	*536.32*	
		For Powder Coated Gate And Post, Add	*290.51*	
		For 1" Mesh Fabric, Add	*486.04*	
		For 1-1/4" Mesh Fabric, Add	*312.86*	
		For 1-3/4" Mesh Fabric, Add	*194.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-97.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0316	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,502.47	75.41
		For Gate With Single Barb Wire Arm, Add	*140.37*	
		For Gate With Double Barb Wire Arm, Add	*204.18*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-239.27*	
		For Aluminized Steel Gate And Post, Add	*612.54*	
		For Powder Coated Gate And Post, Add	*331.79*	
		For 1" Mesh Fabric, Add	*555.11*	
		For 1-1/4" Mesh Fabric, Add	*357.31*	
		For 1-3/4" Mesh Fabric, Add	*222.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-111.02*	
32 31 13 13-0317	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,683.06	81.65
		For Gate With Single Barb Wire Arm, Add	*158.16*	
		For Gate With Double Barb Wire Arm, Add	*230.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-269.60*	
		For Aluminized Steel Gate And Post, Add	*690.16*	
		For Powder Coated Gate And Post, Add	*373.84*	
		For 1" Mesh Fabric, Add	*625.46*	
		For 1-1/4" Mesh Fabric, Add	*402.60*	
		For 1-3/4" Mesh Fabric, Add	*250.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-125.09*	
32 31 13 13-0318	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,867.07	89.10
		For Gate With Single Barb Wire Arm, Add	*175.95*	
		For Gate With Double Barb Wire Arm, Add	*255.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-299.92*	
		For Aluminized Steel Gate And Post, Add	*767.79*	
		For Powder Coated Gate And Post, Add	*415.89*	
		For 1" Mesh Fabric, Add	*695.81*	
		For 1-1/4" Mesh Fabric, Add	*447.88*	
		For 1-3/4" Mesh Fabric, Add	*278.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-139.16*	
32 31 13 13-0319	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,052.60	98.03
		For Gate With Single Barb Wire Arm, Add	*193.42*	
		For Gate With Double Barb Wire Arm, Add	*281.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-329.69*	
		For Aluminized Steel Gate And Post, Add	*844.00*	
		For Powder Coated Gate And Post, Add	*457.17*	
		For 1" Mesh Fabric, Add	*764.88*	
		For 1-1/4" Mesh Fabric, Add	*492.34*	
		For 1-3/4" Mesh Fabric, Add	*305.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-152.98*	
32 31 13 13-0320	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,245.54	108.88
		For Gate With Single Barb Wire Arm, Add	*211.04*	
		For Gate With Double Barb Wire Arm, Add	*306.97*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-359.73*	
		For Aluminized Steel Gate And Post, Add	*920.92*	
		For Powder Coated Gate And Post, Add	*498.83*	
		For 1" Mesh Fabric, Add	*834.58*	
		For 1-1/4" Mesh Fabric, Add	*537.20*	
		For 1-3/4" Mesh Fabric, Add	*333.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-166.92*	
32 31 13 13-0321	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,444.90	122.49
		For Gate With Single Barb Wire Arm, Add	*228.48*	
		For Gate With Double Barb Wire Arm, Add	*332.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-389.45*	
		For Aluminized Steel Gate And Post, Add	*996.99*	
		For Powder Coated Gate And Post, Add	*540.04*	
		For 1" Mesh Fabric, Add	*903.53*	
		For 1-1/4" Mesh Fabric, Add	*581.58*	
		For 1-3/4" Mesh Fabric, Add	*361.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-180.71*	
32 31 13 13-0322	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,657.98	139.96
		For Gate With Single Barb Wire Arm, Add	*246.14*	
		For Gate With Double Barb Wire Arm, Add	*358.02*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-419.55*	
		For Aluminized Steel Gate And Post, Add	*1,074.05*	
		For Powder Coated Gate And Post, Add	*581.78*	
		For 1" Mesh Fabric, Add	*973.36*	
		For 1-1/4" Mesh Fabric, Add	*626.53*	
		For 1-3/4" Mesh Fabric, Add	*389.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-194.67*	
32 31 13 13-0323	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,888.88	163.32
		For Gate With Single Barb Wire Arm, Add	*263.83*	
		For Gate With Double Barb Wire Arm, Add	*383.75*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-449.71*	
		For Aluminized Steel Gate And Post, Add	*1,151.26*	
		For Powder Coated Gate And Post, Add	*623.60*	
		For 1" Mesh Fabric, Add	*1,043.33*	
		For 1-1/4" Mesh Fabric, Add	*671.57*	
		For 1-3/4" Mesh Fabric, Add	*417.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-208.67*	

32 31 13 13-0324 7' Fence Height *(32 31 13 13-0263)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0325	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	281.39	24.32
		For Gate With Single Barb Wire Arm, Add	*22.91*	
		For Gate With Double Barb Wire Arm, Add	*33.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-39.05*	
		For Aluminized Steel Gate And Post, Add	*99.97*	
		For Powder Coated Gate And Post, Add	*54.15*	
		For 1" Mesh Fabric, Add	*90.60*	
		For 1-1/4" Mesh Fabric, Add	*58.32*	
		For 1-3/4" Mesh Fabric, Add	*36.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.12*	
32 31 13 13-0326	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	349.99	24.32
		For Gate With Single Barb Wire Arm, Add	*30.46*	
		For Gate With Double Barb Wire Arm, Add	*44.30*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-51.92*	
		For Aluminized Steel Gate And Post, Add	*132.90*	
		For Powder Coated Gate And Post, Add	*71.99*	
		For 1" Mesh Fabric, Add	*120.44*	
		For 1-1/4" Mesh Fabric, Add	*77.53*	
		For 1-3/4" Mesh Fabric, Add	*48.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.09*	
32 31 13 13-0327	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	409.29	25.59
		For Gate With Single Barb Wire Arm, Add	*36.57*	
		For Gate With Double Barb Wire Arm, Add	*53.19*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.34*	
		For Aluminized Steel Gate And Post, Add	*159.58*	
		For Powder Coated Gate And Post, Add	*86.44*	
		For 1" Mesh Fabric, Add	*144.62*	
		For 1-1/4" Mesh Fabric, Add	*93.09*	
		For 1-3/4" Mesh Fabric, Add	*57.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.92*	
32 31 13 13-0328	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	501.39	31.12
		For Gate With Single Barb Wire Arm, Add	*44.87*	
		For Gate With Double Barb Wire Arm, Add	*65.27*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-76.49*	
		For Aluminized Steel Gate And Post, Add	*195.81*	
		For Powder Coated Gate And Post, Add	*106.06*	
		For 1" Mesh Fabric, Add	*177.45*	
		For 1-1/4" Mesh Fabric, Add	*114.22*	
		For 1-3/4" Mesh Fabric, Add	*70.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.49*	
32 31 13 13-0329	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	592.72	36.44
		For Gate With Single Barb Wire Arm, Add	*53.18*	
		For Gate With Double Barb Wire Arm, Add	*77.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-90.64*	
		For Aluminized Steel Gate And Post, Add	*232.04*	
		For Powder Coated Gate And Post, Add	*125.69*	
		For 1" Mesh Fabric, Add	*210.29*	
		For 1-1/4" Mesh Fabric, Add	*135.36*	
		For 1-3/4" Mesh Fabric, Add	*84.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-42.06*	
32 31 13 13-0330	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	684.83	41.90
		For Gate With Single Barb Wire Arm, Add	*61.48*	
		For Gate With Double Barb Wire Arm, Add	*89.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-104.79*	
		For Aluminized Steel Gate And Post, Add	*268.27*	
		For Powder Coated Gate And Post, Add	*145.31*	
		For 1" Mesh Fabric, Add	*243.12*	
		For 1-1/4" Mesh Fabric, Add	*156.49*	
		For 1-3/4" Mesh Fabric, Add	*97.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.62*	
32 31 13 13-0331	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	776.16	47.21
		For Gate With Single Barb Wire Arm, Add	*69.78*	
		For Gate With Double Barb Wire Arm, Add	*101.50*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-118.95*	
		For Aluminized Steel Gate And Post, Add	*304.50*	
		For Powder Coated Gate And Post, Add	*164.94*	
		For 1" Mesh Fabric, Add	*275.96*	
		For 1-1/4" Mesh Fabric, Add	*177.63*	
		For 1-3/4" Mesh Fabric, Add	*110.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-55.19*	
32 31 13 13-0332	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	854.66	52.75
		For Gate With Single Barb Wire Arm, Add	*76.59*	
		For Gate With Double Barb Wire Arm, Add	*111.40*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-130.55*	
		For Aluminized Steel Gate And Post, Add	*334.20*	
		For Powder Coated Gate And Post, Add	*181.03*	
		For 1" Mesh Fabric, Add	*302.87*	
		For 1-1/4" Mesh Fabric, Add	*194.95*	
		For 1-3/4" Mesh Fabric, Add	*121.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-60.57*	
32 31 13 13-0333	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,072.33	52.75
		For Gate With Single Barb Wire Arm, Add	*100.53*	
		For Gate With Double Barb Wire Arm, Add	*146.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-171.36*	
		For Aluminized Steel Gate And Post, Add	*438.68*	
		For Powder Coated Gate And Post, Add	*237.62*	
		For 1" Mesh Fabric, Add	*397.56*	
		For 1-1/4" Mesh Fabric, Add	*255.90*	
		For 1-3/4" Mesh Fabric, Add	*159.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-79.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0334	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,226.40	69.98
		For Gate With Single Barb Wire Arm, Add	*111.78*	
		For Gate With Double Barb Wire Arm, Add	*162.59*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-190.54*	
		For Aluminized Steel Gate And Post, Add	*487.78*	
		For Powder Coated Gate And Post, Add	*264.21*	
		For 1" Mesh Fabric, Add	*442.05*	
		For 1-1/4" Mesh Fabric, Add	*284.54*	
		For 1-3/4" Mesh Fabric, Add	*176.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-88.41*	
32 31 13 13-0335	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,411.92	75.41
		For Gate With Single Barb Wire Arm, Add	*130.41*	
		For Gate With Double Barb Wire Arm, Add	*189.69*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-222.29*	
		For Aluminized Steel Gate And Post, Add	*569.07*	
		For Powder Coated Gate And Post, Add	*308.25*	
		For 1" Mesh Fabric, Add	*515.72*	
		For 1-1/4" Mesh Fabric, Add	*331.96*	
		For 1-3/4" Mesh Fabric, Add	*206.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.14*	
32 31 13 13-0336	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,586.02	81.65
		For Gate With Single Barb Wire Arm, Add	*147.49*	
		For Gate With Double Barb Wire Arm, Add	*214.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-251.40*	
		For Aluminized Steel Gate And Post, Add	*643.58*	
		For Powder Coated Gate And Post, Add	*348.61*	
		For 1" Mesh Fabric, Add	*583.25*	
		For 1-1/4" Mesh Fabric, Add	*375.42*	
		For 1-3/4" Mesh Fabric, Add	*233.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-116.65*	
32 31 13 13-0337	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,778.85	89.10
		For Gate With Single Barb Wire Arm, Add	*166.25*	
		For Gate With Double Barb Wire Arm, Add	*241.81*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-283.38*	
		For Aluminized Steel Gate And Post, Add	*725.44*	
		For Powder Coated Gate And Post, Add	*392.95*	
		For 1" Mesh Fabric, Add	*657.43*	
		For 1-1/4" Mesh Fabric, Add	*423.18*	
		For 1-3/4" Mesh Fabric, Add	*262.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-131.49*	
32 31 13 13-0338	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,973.21	98.03
		For Gate With Single Barb Wire Arm, Add	*184.68*	
		For Gate With Double Barb Wire Arm, Add	*268.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-314.80*	
		For Aluminized Steel Gate And Post, Add	*805.90*	
		For Powder Coated Gate And Post, Add	*436.53*	
		For 1" Mesh Fabric, Add	*730.34*	
		For 1-1/4" Mesh Fabric, Add	*470.11*	
		For 1-3/4" Mesh Fabric, Add	*292.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-146.07*	
32 31 13 13-0339	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,173.51	108.88
		For Gate With Single Barb Wire Arm, Add	*203.12*	
		For Gate With Double Barb Wire Arm, Add	*295.45*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-346.23*	
		For Aluminized Steel Gate And Post, Add	*886.34*	
		For Powder Coated Gate And Post, Add	*480.10*	
		For 1" Mesh Fabric, Add	*803.25*	
		For 1-1/4" Mesh Fabric, Add	*517.03*	
		For 1-3/4" Mesh Fabric, Add	*321.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-160.65*	
32 31 13 13-0340	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,381.98	122.49
		For Gate With Single Barb Wire Arm, Add	*221.56*	
		For Gate With Double Barb Wire Arm, Add	*322.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-377.65*	
		For Aluminized Steel Gate And Post, Add	*966.79*	
		For Powder Coated Gate And Post, Add	*523.68*	
		For 1" Mesh Fabric, Add	*876.16*	
		For 1-1/4" Mesh Fabric, Add	*563.96*	
		For 1-3/4" Mesh Fabric, Add	*350.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-175.23*	
32 31 13 13-0341	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,602.12	139.96
		For Gate With Single Barb Wire Arm, Add	*239.99*	
		For Gate With Double Barb Wire Arm, Add	*349.08*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-409.08*	
		For Aluminized Steel Gate And Post, Add	*1,047.24*	
		For Powder Coated Gate And Post, Add	*567.26*	
		For 1" Mesh Fabric, Add	*949.06*	
		For 1-1/4" Mesh Fabric, Add	*610.89*	
		For 1-3/4" Mesh Fabric, Add	*379.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-189.81*	
32 31 13 13-0342	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,839.78	163.32
		For Gate With Single Barb Wire Arm, Add	*258.43*	
		For Gate With Double Barb Wire Arm, Add	*375.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-440.50*	
		For Aluminized Steel Gate And Post, Add	*1,127.69*	
		For Powder Coated Gate And Post, Add	*610.83*	
		For 1" Mesh Fabric, Add	*1,021.97*	
		For 1-1/4" Mesh Fabric, Add	*657.82*	
		For 1-3/4" Mesh Fabric, Add	*408.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-204.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0343	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,105.47	195.95
		For Gate With Single Barb Wire Arm, Add	*276.86*	
		For Gate With Double Barb Wire Arm, Add	*402.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-471.93*	
		For Aluminized Steel Gate And Post, Add	*1,208.14*	
		For Powder Coated Gate And Post, Add	*654.41*	
		For 1" Mesh Fabric, Add	*1,094.87*	
		For 1-1/4" Mesh Fabric, Add	*704.75*	
		For 1-3/4" Mesh Fabric, Add	*437.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-218.97*	
32 31 13 13-0344		8' Fence Height *(32 31 13 13-0263)*		
32 31 13 13-0345	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	327.95	26.38
		For Gate With Single Barb Wire Arm, Add	*27.36*	
		For Gate With Double Barb Wire Arm, Add	*39.80*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-46.64*	
		For Aluminized Steel Gate And Post, Add	*119.40*	
		For Powder Coated Gate And Post, Add	*64.67*	
		For 1" Mesh Fabric, Add	*108.20*	
		For 1-1/4" Mesh Fabric, Add	*69.65*	
		For 1-3/4" Mesh Fabric, Add	*43.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.64*	
32 31 13 13-0346	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	410.87	26.38
		For Gate With Single Barb Wire Arm, Add	*36.48*	
		For Gate With Double Barb Wire Arm, Add	*53.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.19*	
		For Aluminized Steel Gate And Post, Add	*159.20*	
		For Powder Coated Gate And Post, Add	*86.23*	
		For 1" Mesh Fabric, Add	*144.27*	
		For 1-1/4" Mesh Fabric, Add	*92.86*	
		For 1-3/4" Mesh Fabric, Add	*57.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.85*	
32 31 13 13-0347	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	478.37	29.39
		For Gate With Single Barb Wire Arm, Add	*42.91*	
		For Gate With Double Barb Wire Arm, Add	*62.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-73.14*	
		For Aluminized Steel Gate And Post, Add	*187.23*	
		For Powder Coated Gate And Post, Add	*101.42*	
		For 1" Mesh Fabric, Add	*169.68*	
		For 1-1/4" Mesh Fabric, Add	*109.22*	
		For 1-3/4" Mesh Fabric, Add	*67.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.94*	
32 31 13 13-0348	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	548.28	33.27
		For Gate With Single Barb Wire Arm, Add	*49.33*	
		For Gate With Double Barb Wire Arm, Add	*71.76*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.09*	
		For Aluminized Steel Gate And Post, Add	*215.27*	
		For Powder Coated Gate And Post, Add	*116.60*	
		For 1" Mesh Fabric, Add	*195.09*	
		For 1-1/4" Mesh Fabric, Add	*125.57*	
		For 1-3/4" Mesh Fabric, Add	*78.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.02*	
32 31 13 13-0349	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	627.28	40.07
		For Gate With Single Barb Wire Arm, Add	*55.76*	
		For Gate With Double Barb Wire Arm, Add	*81.10*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-95.04*	
		For Aluminized Steel Gate And Post, Add	*243.31*	
		For Powder Coated Gate And Post, Add	*131.79*	
		For 1" Mesh Fabric, Add	*220.50*	
		For 1-1/4" Mesh Fabric, Add	*141.93*	
		For 1-3/4" Mesh Fabric, Add	*88.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.10*	
32 31 13 13-0350	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	705.51	46.65
		For Gate With Single Barb Wire Arm, Add	*62.18*	
		For Gate With Double Barb Wire Arm, Add	*90.45*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-106.00*	
		For Aluminized Steel Gate And Post, Add	*271.35*	
		For Powder Coated Gate And Post, Add	*146.98*	
		For 1" Mesh Fabric, Add	*245.91*	
		For 1-1/4" Mesh Fabric, Add	*158.29*	
		For 1-3/4" Mesh Fabric, Add	*98.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-49.18*	
32 31 13 13-0351	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	784.51	53.54
		For Gate With Single Barb Wire Arm, Add	*68.61*	
		For Gate With Double Barb Wire Arm, Add	*99.80*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-116.95*	
		For Aluminized Steel Gate And Post, Add	*299.39*	
		For Powder Coated Gate And Post, Add	*162.17*	
		For 1" Mesh Fabric, Add	*271.32*	
		For 1-1/4" Mesh Fabric, Add	*174.64*	
		For 1-3/4" Mesh Fabric, Add	*108.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-54.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0352	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	863.51	60.43
		For Gate With Single Barb Wire Arm, Add	*75.04*	
		For Gate With Double Barb Wire Arm, Add	*109.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-127.90*	
		For Aluminized Steel Gate And Post, Add	*327.43*	
		For Powder Coated Gate And Post, Add	*177.36*	
		For 1" Mesh Fabric, Add	*296.73*	
		For 1-1/4" Mesh Fabric, Add	*191.00*	
		For 1-3/4" Mesh Fabric, Add	*118.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-59.35*	
32 31 13 13-0353	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,233.41	69.98
		For Gate With Single Barb Wire Arm, Add	*112.55*	
		For Gate With Double Barb Wire Arm, Add	*163.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-191.85*	
		For Aluminized Steel Gate And Post, Add	*491.15*	
		For Powder Coated Gate And Post, Add	*266.04*	
		For 1" Mesh Fabric, Add	*445.10*	
		For 1-1/4" Mesh Fabric, Add	*286.50*	
		For 1-3/4" Mesh Fabric, Add	*178.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-89.02*	
32 31 13 13-0354	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,446.60	75.41
		For Gate With Single Barb Wire Arm, Add	*134.23*	
		For Gate With Double Barb Wire Arm, Add	*195.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-228.80*	
		For Aluminized Steel Gate And Post, Add	*585.72*	
		For Powder Coated Gate And Post, Add	*317.27*	
		For 1" Mesh Fabric, Add	*530.81*	
		For 1-1/4" Mesh Fabric, Add	*341.67*	
		For 1-3/4" Mesh Fabric, Add	*212.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-106.16*	
32 31 13 13-0355	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,665.41	81.65
		For Gate With Single Barb Wire Arm, Add	*156.22*	
		For Gate With Double Barb Wire Arm, Add	*227.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-266.29*	
		For Aluminized Steel Gate And Post, Add	*681.69*	
		For Powder Coated Gate And Post, Add	*369.25*	
		For 1" Mesh Fabric, Add	*617.78*	
		For 1-1/4" Mesh Fabric, Add	*397.65*	
		For 1-3/4" Mesh Fabric, Add	*247.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-123.56*	
32 31 13 13-0356	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,893.53	89.10
		For Gate With Single Barb Wire Arm, Add	*178.86*	
		For Gate With Double Barb Wire Arm, Add	*260.16*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-304.88*	
		For Aluminized Steel Gate And Post, Add	*780.49*	
		For Powder Coated Gate And Post, Add	*422.77*	
		For 1" Mesh Fabric, Add	*707.32*	
		For 1-1/4" Mesh Fabric, Add	*455.29*	
		For 1-3/4" Mesh Fabric, Add	*282.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-141.46*	
32 31 13 13-0357	EA	18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,126.10	98.03
		For Gate With Single Barb Wire Arm, Add	*201.50*	
		For Gate With Double Barb Wire Arm, Add	*293.09*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-343.47*	
		For Aluminized Steel Gate And Post, Add	*879.28*	
		For Powder Coated Gate And Post, Add	*476.28*	
		For 1" Mesh Fabric, Add	*796.85*	
		For 1-1/4" Mesh Fabric, Add	*512.92*	
		For 1-3/4" Mesh Fabric, Add	*318.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-159.37*	
32 31 13 13-0358	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,361.69	108.88
		For Gate With Single Barb Wire Arm, Add	*223.82*	
		For Gate With Double Barb Wire Arm, Add	*325.56*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-381.51*	
		For Aluminized Steel Gate And Post, Add	*976.67*	
		For Powder Coated Gate And Post, Add	*529.03*	
		For 1" Mesh Fabric, Add	*885.11*	
		For 1-1/4" Mesh Fabric, Add	*569.72*	
		For 1-3/4" Mesh Fabric, Add	*354.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-177.02*	
32 31 13 13-0359	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,602.50	122.49
		For Gate With Single Barb Wire Arm, Add	*245.81*	
		For Gate With Double Barb Wire Arm, Add	*357.55*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-419.00*	
		For Aluminized Steel Gate And Post, Add	*1,072.64*	
		For Powder Coated Gate And Post, Add	*581.01*	
		For 1" Mesh Fabric, Add	*972.08*	
		For 1-1/4" Mesh Fabric, Add	*625.71*	
		For 1-3/4" Mesh Fabric, Add	*388.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-194.42*	
32 31 13 13-0360	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,860.87	139.96
		For Gate With Single Barb Wire Arm, Add	*268.46*	
		For Gate With Double Barb Wire Arm, Add	*390.48*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-457.59*	
		For Aluminized Steel Gate And Post, Add	*1,171.44*	
		For Powder Coated Gate And Post, Add	*634.53*	
		For 1" Mesh Fabric, Add	*1,061.62*	
		For 1-1/4" Mesh Fabric, Add	*683.34*	
		For 1-3/4" Mesh Fabric, Add	*424.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-212.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0361	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,136.75	163.32
		For Gate With Single Barb Wire Arm, Add	*291.10*	
		For Gate With Double Barb Wire Arm, Add	*423.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-496.19*	
		For Aluminized Steel Gate And Post, Add	*1,270.23*	
		For Powder Coated Gate And Post, Add	*688.04*	
		For 1" Mesh Fabric, Add	*1,151.15*	
		For 1-1/4" Mesh Fabric, Add	*740.97*	
		For 1-3/4" Mesh Fabric, Add	*460.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-230.23*	
32 31 13 13-0362	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,437.73	195.95
		For Gate With Single Barb Wire Arm, Add	*313.41*	
		For Gate With Double Barb Wire Arm, Add	*455.87*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-534.23*	
		For Aluminized Steel Gate And Post, Add	*1,367.62*	
		For Powder Coated Gate And Post, Add	*740.79*	
		For 1" Mesh Fabric, Add	*1,239.41*	
		For 1-1/4" Mesh Fabric, Add	*797.78*	
		For 1-3/4" Mesh Fabric, Add	*495.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-247.88*	
32 31 13 13-0363	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,787.74	244.97
		For Gate With Single Barb Wire Arm, Add	*335.73*	
		For Gate With Double Barb Wire Arm, Add	*488.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-572.27*	
		For Aluminized Steel Gate And Post, Add	*1,465.00*	
		For Powder Coated Gate And Post, Add	*793.54*	
		For 1" Mesh Fabric, Add	*1,327.66*	
		For 1-1/4" Mesh Fabric, Add	*854.59*	
		For 1-3/4" Mesh Fabric, Add	*531.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-265.53*	

32 31 13 13-0364 10' Fence Height *(32 31 13 13-0263)*

32 31 13 13-0365	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	409.67	29.31
		For Gate With Single Barb Wire Arm, Add	*35.38*	
		For Gate With Double Barb Wire Arm, Add	*51.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-60.31*	
		For Aluminized Steel Gate And Post, Add	*154.40*	
		For Powder Coated Gate And Post, Add	*83.63*	
		For 1" Mesh Fabric, Add	*139.92*	
		For 1-1/4" Mesh Fabric, Add	*90.06*	
		For 1-3/4" Mesh Fabric, Add	*55.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.98*	
32 31 13 13-0366	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	516.88	29.31
		For Gate With Single Barb Wire Arm, Add	*47.18*	
		For Gate With Double Barb Wire Arm, Add	*68.62*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-80.41*	
		For Aluminized Steel Gate And Post, Add	*205.86*	
		For Powder Coated Gate And Post, Add	*111.51*	
		For 1" Mesh Fabric, Add	*186.56*	
		For 1-1/4" Mesh Fabric, Add	*120.08*	
		For 1-3/4" Mesh Fabric, Add	*74.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.31*	
32 31 13 13-0367	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	596.29	30.57
		For Gate With Single Barb Wire Arm, Add	*55.49*	
		For Gate With Double Barb Wire Arm, Add	*80.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-94.58*	
		For Aluminized Steel Gate And Post, Add	*242.12*	
		For Powder Coated Gate And Post, Add	*131.15*	
		For 1" Mesh Fabric, Add	*219.42*	
		For 1-1/4" Mesh Fabric, Add	*141.24*	
		For 1-3/4" Mesh Fabric, Add	*87.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.88*	
32 31 13 13-0368	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	694.01	38.01
		For Gate With Single Barb Wire Arm, Add	*63.80*	
		For Gate With Double Barb Wire Arm, Add	*92.79*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-108.74*	
		For Aluminized Steel Gate And Post, Add	*278.38*	
		For Powder Coated Gate And Post, Add	*150.79*	
		For 1" Mesh Fabric, Add	*252.28*	
		For 1-1/4" Mesh Fabric, Add	*162.39*	
		For 1-3/4" Mesh Fabric, Add	*100.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.46*	
32 31 13 13-0369	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	791.26	45.06
		For Gate With Single Barb Wire Arm, Add	*72.10*	
		For Gate With Double Barb Wire Arm, Add	*104.88*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-122.90*	
		For Aluminized Steel Gate And Post, Add	*314.63*	
		For Powder Coated Gate And Post, Add	*170.42*	
		For 1" Mesh Fabric, Add	*285.13*	
		For 1-1/4" Mesh Fabric, Add	*183.53*	
		For 1-3/4" Mesh Fabric, Add	*114.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0370	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	888.64	52.51
		For Gate With Single Barb Wire Arm, Add	*80.41*	
		For Gate With Double Barb Wire Arm, Add	*116.96*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-137.07*	
		For Aluminized Steel Gate And Post, Add	*350.89*	
		For Powder Coated Gate And Post, Add	*190.07*	
		For 1" Mesh Fabric, Add	*317.99*	
		For 1-1/4" Mesh Fabric, Add	*204.69*	
		For 1-3/4" Mesh Fabric, Add	*127.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-63.60*	
32 31 13 13-0371	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	985.57	59.64
		For Gate With Single Barb Wire Arm, Add	*88.72*	
		For Gate With Double Barb Wire Arm, Add	*129.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-151.23*	
		For Aluminized Steel Gate And Post, Add	*387.15*	
		For Powder Coated Gate And Post, Add	*209.71*	
		For 1" Mesh Fabric, Add	*350.86*	
		For 1-1/4" Mesh Fabric, Add	*225.84*	
		For 1-3/4" Mesh Fabric, Add	*140.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.17*	
32 31 13 13-0372	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,083.29	67.01
		For Gate With Single Barb Wire Arm, Add	*97.03*	
		For Gate With Double Barb Wire Arm, Add	*141.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-165.40*	
		For Aluminized Steel Gate And Post, Add	*423.41*	
		For Powder Coated Gate And Post, Add	*229.35*	
		For 1" Mesh Fabric, Add	*383.72*	
		For 1-1/4" Mesh Fabric, Add	*246.99*	
		For 1-3/4" Mesh Fabric, Add	*153.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.74*	
32 31 13 13-0373	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,556.68	77.80
		For Gate With Single Barb Wire Arm, Add	*145.55*	
		For Gate With Double Barb Wire Arm, Add	*211.70*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.09*	
		For Aluminized Steel Gate And Post, Add	*635.11*	
		For Powder Coated Gate And Post, Add	*344.02*	
		For 1" Mesh Fabric, Add	*575.57*	
		For 1-1/4" Mesh Fabric, Add	*370.48*	
		For 1-3/4" Mesh Fabric, Add	*230.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.11*	
32 31 13 13-0374	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,692.22	83.68
		For Gate With Single Barb Wire Arm, Add	*158.49*	
		For Gate With Double Barb Wire Arm, Add	*230.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-270.15*	
		For Aluminized Steel Gate And Post, Add	*691.58*	
		For Powder Coated Gate And Post, Add	*374.61*	
		For 1" Mesh Fabric, Add	*626.75*	
		For 1-1/4" Mesh Fabric, Add	*403.42*	
		For 1-3/4" Mesh Fabric, Add	*250.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-125.35*	
32 31 13 13-0375	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,924.94	90.76
		For Gate With Single Barb Wire Arm, Add	*181.77*	
		For Gate With Double Barb Wire Arm, Add	*264.40*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-309.84*	
		For Aluminized Steel Gate And Post, Add	*793.19*	
		For Powder Coated Gate And Post, Add	*429.64*	
		For 1" Mesh Fabric, Add	*718.83*	
		For 1-1/4" Mesh Fabric, Add	*462.69*	
		For 1-3/4" Mesh Fabric, Add	*287.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-143.77*	
32 31 13 13-0376	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,184.82	98.95
		For Gate With Single Barb Wire Arm, Add	*207.65*	
		For Gate With Double Barb Wire Arm, Add	*302.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-353.95*	
		For Aluminized Steel Gate And Post, Add	*906.10*	
		For Powder Coated Gate And Post, Add	*490.80*	
		For 1" Mesh Fabric, Add	*821.15*	
		For 1-1/4" Mesh Fabric, Add	*528.56*	
		For 1-3/4" Mesh Fabric, Add	*328.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-164.23*	
32 31 13 13-0377	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,449.90	108.88
		For Gate With Single Barb Wire Arm, Add	*233.52*	
		For Gate With Double Barb Wire Arm, Add	*339.67*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-398.05*	
		For Aluminized Steel Gate And Post, Add	*1,019.01*	
		For Powder Coated Gate And Post, Add	*551.96*	
		For 1" Mesh Fabric, Add	*923.48*	
		For 1-1/4" Mesh Fabric, Add	*594.42*	
		For 1-3/4" Mesh Fabric, Add	*369.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-184.70*	
32 31 13 13-0378	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,722.74	120.93
		For Gate With Single Barb Wire Arm, Add	*259.56*	
		For Gate With Double Barb Wire Arm, Add	*377.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-442.43*	
		For Aluminized Steel Gate And Post, Add	*1,132.63*	
		For Powder Coated Gate And Post, Add	*613.51*	
		For 1" Mesh Fabric, Add	*1,026.44*	
		For 1-1/4" Mesh Fabric, Add	*660.70*	
		For 1-3/4" Mesh Fabric, Add	*410.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-205.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0379	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,005.04	136.10
		For Gate With Single Barb Wire Arm, Add	*285.60*	
		For Gate With Double Barb Wire Arm, Add	*415.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-486.81*	
		For Aluminized Steel Gate And Post, Add	*1,246.24*	
		For Powder Coated Gate And Post, Add	*675.05*	
		For 1" Mesh Fabric, Add	*1,129.41*	
		For 1-1/4" Mesh Fabric, Add	*726.98*	
		For 1-3/4" Mesh Fabric, Add	*451.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-225.88*	
32 31 13 13-0380	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,298.35	155.40
		For Gate With Single Barb Wire Arm, Add	*311.47*	
		For Gate With Double Barb Wire Arm, Add	*453.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-530.92*	
		For Aluminized Steel Gate And Post, Add	*1,359.15*	
		For Powder Coated Gate And Post, Add	*736.21*	
		For 1" Mesh Fabric, Add	*1,231.73*	
		For 1-1/4" Mesh Fabric, Add	*792.84*	
		For 1-3/4" Mesh Fabric, Add	*492.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-246.35*	
32 31 13 13-0381	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,611.73	181.43
		For Gate With Single Barb Wire Arm, Add	*337.35*	
		For Gate With Double Barb Wire Arm, Add	*490.69*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-575.03*	
		For Aluminized Steel Gate And Post, Add	*1,472.06*	
		For Powder Coated Gate And Post, Add	*797.37*	
		For 1" Mesh Fabric, Add	*1,334.06*	
		For 1-1/4" Mesh Fabric, Add	*858.70*	
		For 1-3/4" Mesh Fabric, Add	*533.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-266.81*	
32 31 13 13-0382	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,955.35	217.57
		For Gate With Single Barb Wire Arm, Add	*363.22*	
		For Gate With Double Barb Wire Arm, Add	*528.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-619.13*	
		For Aluminized Steel Gate And Post, Add	*1,584.97*	
		For Powder Coated Gate And Post, Add	*858.53*	
		For 1" Mesh Fabric, Add	*1,436.38*	
		For 1-1/4" Mesh Fabric, Add	*924.57*	
		For 1-3/4" Mesh Fabric, Add	*574.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-287.28*	
32 31 13 13-0383	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,357.58	272.19
		For Gate With Single Barb Wire Arm, Add	*389.42*	
		For Gate With Double Barb Wire Arm, Add	*566.43*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-663.79*	
		For Aluminized Steel Gate And Post, Add	*1,699.29*	
		For Powder Coated Gate And Post, Add	*920.45*	
		For 1" Mesh Fabric, Add	*1,539.98*	
		For 1-1/4" Mesh Fabric, Add	*991.25*	
		For 1-3/4" Mesh Fabric, Add	*615.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-308.00*	

32 31 13 13-0384 12' Fence Height *(32 31 13 13-0263)*

32 31 13 13-0385	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	509.51	32.55
		For Gate With Single Barb Wire Arm, Add	*45.29*	
		For Gate With Double Barb Wire Arm, Add	*65.88*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.20*	
		For Aluminized Steel Gate And Post, Add	*197.63*	
		For Powder Coated Gate And Post, Add	*107.05*	
		For 1" Mesh Fabric, Add	*179.10*	
		For 1-1/4" Mesh Fabric, Add	*115.28*	
		For 1-3/4" Mesh Fabric, Add	*71.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.82*	
32 31 13 13-0386	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	646.74	32.55
		For Gate With Single Barb Wire Arm, Add	*60.38*	
		For Gate With Double Barb Wire Arm, Add	*87.83*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-102.93*	
		For Aluminized Steel Gate And Post, Add	*263.50*	
		For Powder Coated Gate And Post, Add	*142.73*	
		For 1" Mesh Fabric, Add	*238.79*	
		For 1-1/4" Mesh Fabric, Add	*153.71*	
		For 1-3/4" Mesh Fabric, Add	*95.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-47.76*	
32 31 13 13-0387	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	747.03	33.74
		For Gate With Single Barb Wire Arm, Add	*71.02*	
		For Gate With Double Barb Wire Arm, Add	*103.30*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-121.06*	
		For Aluminized Steel Gate And Post, Add	*309.91*	
		For Powder Coated Gate And Post, Add	*167.87*	
		For 1" Mesh Fabric, Add	*280.86*	
		For 1-1/4" Mesh Fabric, Add	*180.78*	
		For 1-3/4" Mesh Fabric, Add	*112.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-56.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0388	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	868.28	41.90
		For Gate With Single Barb Wire Arm, Add	*81.66*	
		For Gate With Double Barb Wire Arm, Add	*118.77*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.19*	
		For Aluminized Steel Gate And Post, Add	*356.32*	
		For Powder Coated Gate And Post, Add	*193.01*	
		For 1" Mesh Fabric, Add	*322.92*	
		For 1-1/4" Mesh Fabric, Add	*207.86*	
		For 1-3/4" Mesh Fabric, Add	*129.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.58*	
32 31 13 13-0389	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	440.37	50.14
		For Gate With Single Barb Wire Arm, Add	*31.89*	
		For Gate With Double Barb Wire Arm, Add	*46.38*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.35*	
		For Aluminized Steel Gate And Post, Add	*139.14*	
		For Powder Coated Gate And Post, Add	*75.37*	
		For 1" Mesh Fabric, Add	*126.10*	
		For 1-1/4" Mesh Fabric, Add	*81.17*	
		For 1-3/4" Mesh Fabric, Add	*50.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.22*	
32 31 13 13-0390	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	497.54	58.06
		For Gate With Single Barb Wire Arm, Add	*35.56*	
		For Gate With Double Barb Wire Arm, Add	*51.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-60.62*	
		For Aluminized Steel Gate And Post, Add	*155.18*	
		For Powder Coated Gate And Post, Add	*84.06*	
		For 1" Mesh Fabric, Add	*140.63*	
		For 1-1/4" Mesh Fabric, Add	*90.52*	
		For 1-3/4" Mesh Fabric, Add	*56.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.13*	
32 31 13 13-0391	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	555.51	66.22
		For Gate With Single Barb Wire Arm, Add	*39.24*	
		For Gate With Double Barb Wire Arm, Add	*57.07*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.88*	
		For Aluminized Steel Gate And Post, Add	*171.22*	
		For Powder Coated Gate And Post, Add	*92.74*	
		For 1" Mesh Fabric, Add	*155.16*	
		For 1-1/4" Mesh Fabric, Add	*99.88*	
		For 1-3/4" Mesh Fabric, Add	*62.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.03*	
32 31 13 13-0392	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	613.47	74.37
		For Gate With Single Barb Wire Arm, Add	*42.91*	
		For Gate With Double Barb Wire Arm, Add	*62.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-73.14*	
		For Aluminized Steel Gate And Post, Add	*187.25*	
		For Powder Coated Gate And Post, Add	*101.43*	
		For 1" Mesh Fabric, Add	*169.69*	
		For 1-1/4" Mesh Fabric, Add	*109.23*	
		For 1-3/4" Mesh Fabric, Add	*67.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.94*	
32 31 13 13-0393	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	803.01	86.44
		For Gate With Single Barb Wire Arm, Add	*59.79*	
		For Gate With Double Barb Wire Arm, Add	*86.96*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-101.91*	
		For Aluminized Steel Gate And Post, Add	*260.89*	
		For Powder Coated Gate And Post, Add	*141.32*	
		For 1" Mesh Fabric, Add	*236.43*	
		For 1-1/4" Mesh Fabric, Add	*152.19*	
		For 1-3/4" Mesh Fabric, Add	*94.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-47.29*	
32 31 13 13-0394	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	876.65	93.06
		For Gate With Single Barb Wire Arm, Add	*65.71*	
		For Gate With Double Barb Wire Arm, Add	*95.58*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-112.01*	
		For Aluminized Steel Gate And Post, Add	*286.73*	
		For Powder Coated Gate And Post, Add	*155.31*	
		For 1" Mesh Fabric, Add	*259.85*	
		For 1-1/4" Mesh Fabric, Add	*167.26*	
		For 1-3/4" Mesh Fabric, Add	*103.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-51.97*	
32 31 13 13-0395	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	987.47	100.79
		For Gate With Single Barb Wire Arm, Add	*75.32*	
		For Gate With Double Barb Wire Arm, Add	*109.56*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-128.39*	
		For Aluminized Steel Gate And Post, Add	*328.67*	
		For Powder Coated Gate And Post, Add	*178.03*	
		For 1" Mesh Fabric, Add	*297.86*	
		For 1-1/4" Mesh Fabric, Add	*191.72*	
		For 1-3/4" Mesh Fabric, Add	*119.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-59.57*	
32 31 13 13-0396	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,112.44	109.89
		For Gate With Single Barb Wire Arm, Add	*86.05*	
		For Gate With Double Barb Wire Arm, Add	*125.16*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-146.67*	
		For Aluminized Steel Gate And Post, Add	*375.48*	
		For Powder Coated Gate And Post, Add	*203.39*	
		For 1" Mesh Fabric, Add	*340.28*	
		For 1-1/4" Mesh Fabric, Add	*219.03*	
		For 1-3/4" Mesh Fabric, Add	*136.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-68.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0397	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,909.45	121.01
		For Gate With Single Barb Wire Arm, Add	*280.10*	
		For Gate With Double Barb Wire Arm, Add	*407.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-477.44*	
		For Aluminized Steel Gate And Post, Add	*1,222.25*	
		For Powder Coated Gate And Post, Add	*662.05*	
		For 1" Mesh Fabric, Add	*1,107.66*	
		For 1-1/4" Mesh Fabric, Add	*712.98*	
		For 1-3/4" Mesh Fabric, Add	*443.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-221.53*	
32 31 13 13-0398	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,234.89	134.34
		For Gate With Single Barb Wire Arm, Add	*311.47*	
		For Gate With Double Barb Wire Arm, Add	*453.05*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-530.92*	
		For Aluminized Steel Gate And Post, Add	*1,359.15*	
		For Powder Coated Gate And Post, Add	*736.21*	
		For 1" Mesh Fabric, Add	*1,231.73*	
		For 1-1/4" Mesh Fabric, Add	*792.84*	
		For 1-3/4" Mesh Fabric, Add	*492.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-246.35*	
32 31 13 13-0399	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,567.95	151.18
		For Gate With Single Barb Wire Arm, Add	*342.52*	
		For Gate With Double Barb Wire Arm, Add	*498.21*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-583.85*	
		For Aluminized Steel Gate And Post, Add	*1,494.64*	
		For Powder Coated Gate And Post, Add	*809.60*	
		For 1" Mesh Fabric, Add	*1,354.52*	
		For 1-1/4" Mesh Fabric, Add	*871.88*	
		For 1-3/4" Mesh Fabric, Add	*541.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-270.90*	
32 31 13 13-0400	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,917.71	172.70
		For Gate With Single Barb Wire Arm, Add	*373.90*	
		For Gate With Double Barb Wire Arm, Add	*543.85*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-637.32*	
		For Aluminized Steel Gate And Post, Add	*1,631.55*	
		For Powder Coated Gate And Post, Add	*883.76*	
		For 1" Mesh Fabric, Add	*1,478.59*	
		For 1-1/4" Mesh Fabric, Add	*951.74*	
		For 1-3/4" Mesh Fabric, Add	*591.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-295.72*	
32 31 13 13-0401	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	4,283.86	201.66
		For Gate With Single Barb Wire Arm, Add	*404.62*	
		For Gate With Double Barb Wire Arm, Add	*588.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-689.70*	
		For Aluminized Steel Gate And Post, Add	*1,765.63*	
		For Powder Coated Gate And Post, Add	*956.38*	
		For 1" Mesh Fabric, Add	*1,600.10*	
		For 1-1/4" Mesh Fabric, Add	*1,029.95*	
		For 1-3/4" Mesh Fabric, Add	*640.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-320.02*	
32 31 13 13-0402	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	4,686.58	241.76
		For Gate With Single Barb Wire Arm, Add	*435.67*	
		For Gate With Double Barb Wire Arm, Add	*633.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-742.62*	
		For Aluminized Steel Gate And Post, Add	*1,901.12*	
		For Powder Coated Gate And Post, Add	*1,029.77*	
		For 1" Mesh Fabric, Add	*1,722.89*	
		For 1-1/4" Mesh Fabric, Add	*1,108.98*	
		For 1-3/4" Mesh Fabric, Add	*689.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-344.58*	
32 31 13 13-0403	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,154.09	302.45
		For Gate With Single Barb Wire Arm, Add	*467.05*	
		For Gate With Double Barb Wire Arm, Add	*679.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-796.10*	
		For Aluminized Steel Gate And Post, Add	*2,038.02*	
		For Powder Coated Gate And Post, Add	*1,103.93*	
		For 1" Mesh Fabric, Add	*1,846.96*	
		For 1-1/4" Mesh Fabric, Add	*1,188.85*	
		For 1-3/4" Mesh Fabric, Add	*738.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-369.39*	

32 31 13 13-0404 Vinyl Coated Without Barb Wire Arm *(32 31 13 13-0262)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0405 4' Fence Height *(32 31 13 13-0404)*

32 31 13 13-0406	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	127.19	19.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-12.71*	
		For 1" Mesh Fabric, Add	*29.49*	
		For 1-1/4" Mesh Fabric, Add	*18.98*	
		For 1-3/4" Mesh Fabric, Add	*11.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-5.90*	
		For Gate With Single Barb Wire Arm, Add	*7.46*	
		For Gate With Double Barb Wire Arm, Add	*10.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0407	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	149.79	19.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-16.95*	
		For 1" Mesh Fabric, Add	*39.32*	
		For 1-1/4" Mesh Fabric, Add	*25.31*	
		For 1-3/4" Mesh Fabric, Add	*15.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-7.86*	
		For Gate With Single Barb Wire Arm, Add	*9.94*	
		For Gate With Double Barb Wire Arm, Add	*14.46*	
32 31 13 13-0408	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	172.58	21.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-20.48*	
		For 1" Mesh Fabric, Add	*47.51*	
		For 1-1/4" Mesh Fabric, Add	*30.58*	
		For 1-3/4" Mesh Fabric, Add	*19.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-9.50*	
		For Gate With Single Barb Wire Arm, Add	*12.01*	
		For Gate With Double Barb Wire Arm, Add	*17.48*	
32 31 13 13-0409	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	204.09	25.35
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-24.01*	
		For 1" Mesh Fabric, Add	*55.70*	
		For 1-1/4" Mesh Fabric, Add	*35.85*	
		For 1-3/4" Mesh Fabric, Add	*22.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-11.14*	
		For Gate With Single Barb Wire Arm, Add	*14.09*	
		For Gate With Double Barb Wire Arm, Add	*20.49*	
32 31 13 13-0410	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	235.58	29.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.54*	
		For 1" Mesh Fabric, Add	*63.89*	
		For 1-1/4" Mesh Fabric, Add	*41.13*	
		For 1-3/4" Mesh Fabric, Add	*25.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.78*	
		For Gate With Single Barb Wire Arm, Add	*16.16*	
		For Gate With Double Barb Wire Arm, Add	*23.50*	
32 31 13 13-0411	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	267.09	33.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-31.07*	
		For 1" Mesh Fabric, Add	*72.08*	
		For 1-1/4" Mesh Fabric, Add	*46.40*	
		For 1-3/4" Mesh Fabric, Add	*28.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-14.42*	
		For Gate With Single Barb Wire Arm, Add	*18.23*	
		For Gate With Double Barb Wire Arm, Add	*26.51*	
32 31 13 13-0412	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	298.59	38.01
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.60*	
		For 1" Mesh Fabric, Add	*80.27*	
		For 1-1/4" Mesh Fabric, Add	*51.67*	
		For 1-3/4" Mesh Fabric, Add	*32.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.05*	
		For Gate With Single Barb Wire Arm, Add	*20.30*	
		For Gate With Double Barb Wire Arm, Add	*29.53*	
32 31 13 13-0413	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	330.10	42.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-38.13*	
		For 1" Mesh Fabric, Add	*88.47*	
		For 1-1/4" Mesh Fabric, Add	*56.94*	
		For 1-3/4" Mesh Fabric, Add	*35.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.69*	
		For Gate With Single Barb Wire Arm, Add	*22.37*	
		For Gate With Double Barb Wire Arm, Add	*32.54*	
32 31 13 13-0414	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	397.89	42.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-50.84*	
		For 1" Mesh Fabric, Add	*117.95*	
		For 1-1/4" Mesh Fabric, Add	*75.92*	
		For 1-3/4" Mesh Fabric, Add	*47.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.59*	
		For Gate With Single Barb Wire Arm, Add	*29.83*	
		For Gate With Double Barb Wire Arm, Add	*43.39*	
32 31 13 13-0415	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	461.17	45.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-61.01*	
		For 1" Mesh Fabric, Add	*141.54*	
		For 1-1/4" Mesh Fabric, Add	*91.11*	
		For 1-3/4" Mesh Fabric, Add	*56.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.31*	
		For Gate With Single Barb Wire Arm, Add	*35.79*	
		For Gate With Double Barb Wire Arm, Add	*52.06*	
32 31 13 13-0416	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	525.86	48.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-71.18*	
		For 1" Mesh Fabric, Add	*165.14*	
		For 1-1/4" Mesh Fabric, Add	*106.30*	
		For 1-3/4" Mesh Fabric, Add	*66.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.03*	
		For Gate With Single Barb Wire Arm, Add	*41.76*	
		For Gate With Double Barb Wire Arm, Add	*60.74*	
32 31 13 13-0417	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	592.27	52.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.35*	
		For 1" Mesh Fabric, Add	*188.73*	
		For 1-1/4" Mesh Fabric, Add	*121.48*	
		For 1-3/4" Mesh Fabric, Add	*75.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.75*	
		For Gate With Single Barb Wire Arm, Add	*47.72*	
		For Gate With Double Barb Wire Arm, Add	*69.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0418	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	684.26	65.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-91.52*	
		For 1" Mesh Fabric, Add	*212.32*	
		For 1-1/4" Mesh Fabric, Add	*136.67*	
		For 1-3/4" Mesh Fabric, Add	*84.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-42.46*	
		For Gate With Single Barb Wire Arm, Add	*53.69*	
		For Gate With Double Barb Wire Arm, Add	*78.09*	
32 31 13 13-0419	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	752.51	69.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-101.69*	
		For 1" Mesh Fabric, Add	*235.91*	
		For 1-1/4" Mesh Fabric, Add	*151.85*	
		For 1-3/4" Mesh Fabric, Add	*94.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-47.18*	
		For Gate With Single Barb Wire Arm, Add	*59.66*	
		For Gate With Double Barb Wire Arm, Add	*86.77*	
32 31 13 13-0420	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	822.91	75.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-111.86*	
		For 1" Mesh Fabric, Add	*259.50*	
		For 1-1/4" Mesh Fabric, Add	*167.04*	
		For 1-3/4" Mesh Fabric, Add	*103.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-51.90*	
		For Gate With Single Barb Wire Arm, Add	*65.62*	
		For Gate With Double Barb Wire Arm, Add	*95.45*	
32 31 13 13-0421	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	896.01	81.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-122.02*	
		For 1" Mesh Fabric, Add	*283.09*	
		For 1-1/4" Mesh Fabric, Add	*182.22*	
		For 1-3/4" Mesh Fabric, Add	*113.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-56.62*	
		For Gate With Single Barb Wire Arm, Add	*71.59*	
		For Gate With Double Barb Wire Arm, Add	*104.13*	
32 31 13 13-0422	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	972.53	89.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-132.19*	
		For 1" Mesh Fabric, Add	*306.68*	
		For 1-1/4" Mesh Fabric, Add	*197.41*	
		For 1-3/4" Mesh Fabric, Add	*122.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.34*	
		For Gate With Single Barb Wire Arm, Add	*77.55*	
		For Gate With Double Barb Wire Arm, Add	*112.80*	
32 31 13 13-0423	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,053.51	98.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-142.36*	
		For 1" Mesh Fabric, Add	*330.27*	
		For 1-1/4" Mesh Fabric, Add	*212.59*	
		For 1-3/4" Mesh Fabric, Add	*132.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-66.05*	
		For Gate With Single Barb Wire Arm, Add	*83.52*	
		For Gate With Double Barb Wire Arm, Add	*121.48*	
32 31 13 13-0424	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,140.45	108.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-152.53*	
		For 1" Mesh Fabric, Add	*353.87*	
		For 1-1/4" Mesh Fabric, Add	*227.78*	
		For 1-3/4" Mesh Fabric, Add	*141.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.77*	
		For Gate With Single Barb Wire Arm, Add	*89.48*	
		For Gate With Double Barb Wire Arm, Add	*130.16*	

32 31 13 13-0425 5' Fence Height *(32 31 13 13-0404)*

32 31 13 13-0426	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	147.36	21.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-15.75*	
		For 1" Mesh Fabric, Add	*36.54*	
		For 1-1/4" Mesh Fabric, Add	*23.52*	
		For 1-3/4" Mesh Fabric, Add	*14.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-7.31*	
		For Gate With Single Barb Wire Arm, Add	*9.24*	
		For Gate With Double Barb Wire Arm, Add	*13.44*	
32 31 13 13-0427	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	175.36	21.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-21.00*	
		For 1" Mesh Fabric, Add	*48.72*	
		For 1-1/4" Mesh Fabric, Add	*31.36*	
		For 1-3/4" Mesh Fabric, Add	*19.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-9.74*	
		For Gate With Single Barb Wire Arm, Add	*12.32*	
		For Gate With Double Barb Wire Arm, Add	*17.92*	
32 31 13 13-0428	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	200.34	22.42
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-24.94*	
		For 1" Mesh Fabric, Add	*57.86*	
		For 1-1/4" Mesh Fabric, Add	*37.24*	
		For 1-3/4" Mesh Fabric, Add	*23.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-11.57*	
		For Gate With Single Barb Wire Arm, Add	*14.63*	
		For Gate With Double Barb Wire Arm, Add	*21.28*	
32 31 13 13-0429	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	234.78	26.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.88*	
		For 1" Mesh Fabric, Add	*66.99*	
		For 1-1/4" Mesh Fabric, Add	*43.12*	
		For 1-3/4" Mesh Fabric, Add	*26.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.40*	
		For Gate With Single Barb Wire Arm, Add	*16.94*	
		For Gate With Double Barb Wire Arm, Add	*24.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0430	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	269.26	31.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-32.81*	
		For 1" Mesh Fabric, Add	*76.13*	
		For 1-1/4" Mesh Fabric, Add	*49.00*	
		For 1-3/4" Mesh Fabric, Add	*30.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-15.23*	
		For Gate With Single Barb Wire Arm, Add	*19.25*	
		For Gate With Double Barb Wire Arm, Add	*28.00*	
32 31 13 13-0431	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	304.51	36.11
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.75*	
		For 1" Mesh Fabric, Add	*85.26*	
		For 1-1/4" Mesh Fabric, Add	*54.88*	
		For 1-3/4" Mesh Fabric, Add	*34.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.05*	
		For Gate With Single Barb Wire Arm, Add	*21.56*	
		For Gate With Double Barb Wire Arm, Add	*31.36*	
32 31 13 13-0432	EA	9 Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	338.98	40.63
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.69*	
		For 1" Mesh Fabric, Add	*94.40*	
		For 1-1/4" Mesh Fabric, Add	*60.76*	
		For 1-3/4" Mesh Fabric, Add	*37.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.88*	
		For Gate With Single Barb Wire Arm, Add	*23.87*	
		For Gate With Double Barb Wire Arm, Add	*34.72*	
32 31 13 13-0433	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	373.44	45.06
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-44.63*	
		For 1" Mesh Fabric, Add	*103.53*	
		For 1-1/4" Mesh Fabric, Add	*66.64*	
		For 1-3/4" Mesh Fabric, Add	*41.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-20.71*	
		For Gate With Single Barb Wire Arm, Add	*26.18*	
		For Gate With Double Barb Wire Arm, Add	*38.08*	
32 31 13 13-0434	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	471.79	45.23
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.00*	
		For 1" Mesh Fabric, Add	*146.16*	
		For 1-1/4" Mesh Fabric, Add	*94.08*	
		For 1-3/4" Mesh Fabric, Add	*58.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.23*	
		For Gate With Single Barb Wire Arm, Add	*36.96*	
		For Gate With Double Barb Wire Arm, Add	*53.76*	
32 31 13 13-0435	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	549.44	48.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-75.60*	
		For 1" Mesh Fabric, Add	*175.40*	
		For 1-1/4" Mesh Fabric, Add	*112.90*	
		For 1-3/4" Mesh Fabric, Add	*70.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.08*	
		For Gate With Single Barb Wire Arm, Add	*44.35*	
		For Gate With Double Barb Wire Arm, Add	*64.51*	
32 31 13 13-0436	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	628.82	52.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-88.20*	
		For 1" Mesh Fabric, Add	*204.63*	
		For 1-1/4" Mesh Fabric, Add	*131.71*	
		For 1-3/4" Mesh Fabric, Add	*81.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-40.93*	
		For Gate With Single Barb Wire Arm, Add	*51.75*	
		For Gate With Double Barb Wire Arm, Add	*75.27*	
32 31 13 13-0437	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	733.78	65.29
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-100.80*	
		For 1" Mesh Fabric, Add	*233.86*	
		For 1-1/4" Mesh Fabric, Add	*150.53*	
		For 1-3/4" Mesh Fabric, Add	*93.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.77*	
		For Gate With Single Barb Wire Arm, Add	*59.14*	
		For Gate With Double Barb Wire Arm, Add	*86.02*	
32 31 13 13-0438	EA	18 Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	815.00	69.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.40*	
		For 1" Mesh Fabric, Add	*263.09*	
		For 1-1/4" Mesh Fabric, Add	*169.35*	
		For 1-3/4" Mesh Fabric, Add	*105.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.62*	
		For Gate With Single Barb Wire Arm, Add	*66.53*	
		For Gate With Double Barb Wire Arm, Add	*96.77*	
32 31 13 13-0439	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	898.36	75.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-126.00*	
		For 1" Mesh Fabric, Add	*292.32*	
		For 1-1/4" Mesh Fabric, Add	*188.16*	
		For 1-3/4" Mesh Fabric, Add	*116.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-58.46*	
		For Gate With Single Barb Wire Arm, Add	*73.92*	
		For Gate With Double Barb Wire Arm, Add	*107.52*	
32 31 13 13-0440	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	984.43	81.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-138.60*	
		For 1" Mesh Fabric, Add	*321.56*	
		For 1-1/4" Mesh Fabric, Add	*206.98*	
		For 1-3/4" Mesh Fabric, Add	*128.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.31*	
		For Gate With Single Barb Wire Arm, Add	*81.31*	
		For Gate With Double Barb Wire Arm, Add	*118.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0441	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,073.92	89.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-151.20*	
		For 1" Mesh Fabric, Add	*350.79*	
		For 1-1/4" Mesh Fabric, Add	*225.79*	
		For 1-3/4" Mesh Fabric, Add	*140.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.16*	
		For Gate With Single Barb Wire Arm, Add	*88.71*	
		For Gate With Double Barb Wire Arm, Add	*129.03*	
32 31 13 13-0442	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,167.88	98.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-163.80*	
		For 1" Mesh Fabric, Add	*380.02*	
		For 1-1/4" Mesh Fabric, Add	*244.61*	
		For 1-3/4" Mesh Fabric, Add	*152.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.00*	
		For Gate With Single Barb Wire Arm, Add	*96.10*	
		For Gate With Double Barb Wire Arm, Add	*139.78*	
32 31 13 13-0443	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,267.78	108.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-176.40*	
		For 1" Mesh Fabric, Add	*409.26*	
		For 1-1/4" Mesh Fabric, Add	*263.43*	
		For 1-3/4" Mesh Fabric, Add	*163.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.85*	
		For Gate With Single Barb Wire Arm, Add	*103.49*	
		For Gate With Double Barb Wire Arm, Add	*150.53*	
32 31 13 13-0444	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,375.85	122.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-189.00*	
		For 1" Mesh Fabric, Add	*438.49*	
		For 1-1/4" Mesh Fabric, Add	*282.25*	
		For 1-3/4" Mesh Fabric, Add	*175.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-87.70*	
		For Gate With Single Barb Wire Arm, Add	*110.88*	
		For Gate With Double Barb Wire Arm, Add	*161.28*	

32 31 13 13-0445 6' Fence Height *(32 31 13 13-0404)*

32 31 13 13-0446	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	157.67	22.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-16.83*	
		For 1" Mesh Fabric, Add	*39.05*	
		For 1-1/4" Mesh Fabric, Add	*25.14*	
		For 1-3/4" Mesh Fabric, Add	*15.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-7.81*	
		For Gate With Single Barb Wire Arm, Add	*9.87*	
		For Gate With Double Barb Wire Arm, Add	*14.36*	
32 31 13 13-0447	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	187.60	22.58
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-22.44*	
		For 1" Mesh Fabric, Add	*52.07*	
		For 1-1/4" Mesh Fabric, Add	*33.52*	
		For 1-3/4" Mesh Fabric, Add	*20.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-10.41*	
		For Gate With Single Barb Wire Arm, Add	*13.17*	
		For Gate With Double Barb Wire Arm, Add	*19.15*	
32 31 13 13-0448	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	214.22	24.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-26.65*	
		For 1" Mesh Fabric, Add	*61.83*	
		For 1-1/4" Mesh Fabric, Add	*39.80*	
		For 1-3/4" Mesh Fabric, Add	*24.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.37*	
		For Gate With Single Barb Wire Arm, Add	*15.64*	
		For Gate With Double Barb Wire Arm, Add	*22.74*	
32 31 13 13-0449	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	251.72	28.99
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-30.86*	
		For 1" Mesh Fabric, Add	*71.60*	
		For 1-1/4" Mesh Fabric, Add	*46.09*	
		For 1-3/4" Mesh Fabric, Add	*28.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-14.32*	
		For Gate With Single Barb Wire Arm, Add	*18.10*	
		For Gate With Double Barb Wire Arm, Add	*26.33*	
32 31 13 13-0450	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	289.20	34.05
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-35.07*	
		For 1" Mesh Fabric, Add	*81.36*	
		For 1-1/4" Mesh Fabric, Add	*52.37*	
		For 1-3/4" Mesh Fabric, Add	*32.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.27*	
		For Gate With Single Barb Wire Arm, Add	*20.57*	
		For Gate With Double Barb Wire Arm, Add	*29.92*	
32 31 13 13-0451	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	325.90	38.81
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-39.28*	
		For 1" Mesh Fabric, Add	*91.12*	
		For 1-1/4" Mesh Fabric, Add	*58.65*	
		For 1-3/4" Mesh Fabric, Add	*36.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.22*	
		For Gate With Single Barb Wire Arm, Add	*23.04*	
		For Gate With Double Barb Wire Arm, Add	*33.52*	
32 31 13 13-0452	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	363.40	43.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-43.49*	
		For 1" Mesh Fabric, Add	*100.89*	
		For 1-1/4" Mesh Fabric, Add	*64.94*	
		For 1-3/4" Mesh Fabric, Add	*40.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-20.18*	
		For Gate With Single Barb Wire Arm, Add	*25.51*	
		For Gate With Double Barb Wire Arm, Add	*37.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0453	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	400.89	48.79
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.69*	
		For 1" Mesh Fabric, Add	*110.65*	
		For 1-1/4" Mesh Fabric, Add	*71.22*	
		For 1-3/4" Mesh Fabric, Add	*44.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.13*	
		For Gate With Single Barb Wire Arm, Add	*27.98*	
		For Gate With Double Barb Wire Arm, Add	*40.70*	
32 31 13 13-0454	EA	10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	505.33	48.71
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-67.33*	
		For 1" Mesh Fabric, Add	*156.21*	
		For 1-1/4" Mesh Fabric, Add	*100.55*	
		For 1-3/4" Mesh Fabric, Add	*62.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.24*	
		For Gate With Single Barb Wire Arm, Add	*39.50*	
		For Gate With Double Barb Wire Arm, Add	*57.46*	
32 31 13 13-0455	EA	12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	589.32	52.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-80.80*	
		For 1" Mesh Fabric, Add	*187.45*	
		For 1-1/4" Mesh Fabric, Add	*120.65*	
		For 1-3/4" Mesh Fabric, Add	*74.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.49*	
		For Gate With Single Barb Wire Arm, Add	*47.40*	
		For Gate With Double Barb Wire Arm, Add	*68.95*	
32 31 13 13-0456	EA	14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	712.92	69.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-94.26*	
		For 1" Mesh Fabric, Add	*218.69*	
		For 1-1/4" Mesh Fabric, Add	*140.76*	
		For 1-3/4" Mesh Fabric, Add	*87.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.74*	
		For Gate With Single Barb Wire Arm, Add	*55.30*	
		For Gate With Double Barb Wire Arm, Add	*80.44*	
32 31 13 13-0457	EA	16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	800.90	75.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-107.73*	
		For 1" Mesh Fabric, Add	*249.93*	
		For 1-1/4" Mesh Fabric, Add	*160.87*	
		For 1-3/4" Mesh Fabric, Add	*99.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-49.99*	
		For Gate With Single Barb Wire Arm, Add	*63.20*	
		For Gate With Double Barb Wire Arm, Add	*91.93*	
32 31 13 13-0458	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	891.59	81.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-121.19*	
		For 1" Mesh Fabric, Add	*281.17*	
		For 1-1/4" Mesh Fabric, Add	*180.98*	
		For 1-3/4" Mesh Fabric, Add	*112.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-56.23*	
		For Gate With Single Barb Wire Arm, Add	*71.10*	
		For Gate With Double Barb Wire Arm, Add	*103.42*	
32 31 13 13-0459	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	998.97	89.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-137.15*	
		For 1" Mesh Fabric, Add	*318.19*	
		For 1-1/4" Mesh Fabric, Add	*204.81*	
		For 1-3/4" Mesh Fabric, Add	*127.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-63.64*	
		For Gate With Single Barb Wire Arm, Add	*80.46*	
		For Gate With Double Barb Wire Arm, Add	*117.03*	
32 31 13 13-0460	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,086.68	98.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-148.58*	
		For 1" Mesh Fabric, Add	*344.70*	
		For 1-1/4" Mesh Fabric, Add	*221.88*	
		For 1-3/4" Mesh Fabric, Add	*137.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-68.94*	
		For Gate With Single Barb Wire Arm, Add	*87.17*	
		For Gate With Double Barb Wire Arm, Add	*126.79*	
32 31 13 13-0461	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,188.79	108.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.59*	
		For 1" Mesh Fabric, Add	*374.90*	
		For 1-1/4" Mesh Fabric, Add	*241.31*	
		For 1-3/4" Mesh Fabric, Add	*149.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.98*	
		For Gate With Single Barb Wire Arm, Add	*94.80*	
		For Gate With Double Barb Wire Arm, Add	*137.89*	
32 31 13 13-0462	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,301.48	122.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-175.06*	
		For 1" Mesh Fabric, Add	*406.14*	
		For 1-1/4" Mesh Fabric, Add	*261.42*	
		For 1-3/4" Mesh Fabric, Add	*162.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.23*	
		For Gate With Single Barb Wire Arm, Add	*102.70*	
		For Gate With Double Barb Wire Arm, Add	*149.38*	
32 31 13 13-0463	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,425.84	139.96
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-188.53*	
		For 1" Mesh Fabric, Add	*437.38*	
		For 1-1/4" Mesh Fabric, Add	*281.53*	
		For 1-3/4" Mesh Fabric, Add	*174.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-87.48*	
		For Gate With Single Barb Wire Arm, Add	*110.60*	
		For Gate With Double Barb Wire Arm, Add	*160.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0464	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,567.72	163.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-201.99*	
		For 1" Mesh Fabric, Add	*468.62*	
		For 1-1/4" Mesh Fabric, Add	*301.64*	
		For 1-3/4" Mesh Fabric, Add	*187.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-93.72*	
		For Gate With Single Barb Wire Arm, Add	*118.50*	
		For Gate With Double Barb Wire Arm, Add	*172.37*	
32 31 13 13-0465		7' Fence Height *(32 31 13 13-0404)*		
32 31 13 13-0466	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	167.40	24.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-17.68*	
		For 1" Mesh Fabric, Add	*41.02*	
		For 1-1/4" Mesh Fabric, Add	*26.40*	
		For 1-3/4" Mesh Fabric, Add	*16.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-8.20*	
		For Gate With Single Barb Wire Arm, Add	*10.37*	
		For Gate With Double Barb Wire Arm, Add	*15.09*	
32 31 13 13-0467	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	198.84	24.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-23.57*	
		For 1" Mesh Fabric, Add	*54.69*	
		For 1-1/4" Mesh Fabric, Add	*35.20*	
		For 1-3/4" Mesh Fabric, Add	*21.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-10.94*	
		For Gate With Single Barb Wire Arm, Add	*13.83*	
		For Gate With Double Barb Wire Arm, Add	*20.12*	
32 31 13 13-0468	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	226.14	25.59
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.00*	
		For 1" Mesh Fabric, Add	*64.95*	
		For 1-1/4" Mesh Fabric, Add	*41.81*	
		For 1-3/4" Mesh Fabric, Add	*25.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.99*	
		For Gate With Single Barb Wire Arm, Add	*16.42*	
		For Gate With Double Barb Wire Arm, Add	*23.89*	
32 31 13 13-0469	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	266.34	31.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-32.42*	
		For 1" Mesh Fabric, Add	*75.20*	
		For 1-1/4" Mesh Fabric, Add	*48.41*	
		For 1-3/4" Mesh Fabric, Add	*30.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-15.04*	
		For Gate With Single Barb Wire Arm, Add	*19.02*	
		For Gate With Double Barb Wire Arm, Add	*27.66*	
32 31 13 13-0470	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	305.75	36.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.83*	
		For 1" Mesh Fabric, Add	*85.46*	
		For 1-1/4" Mesh Fabric, Add	*55.01*	
		For 1-3/4" Mesh Fabric, Add	*34.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.09*	
		For Gate With Single Barb Wire Arm, Add	*21.61*	
		For Gate With Double Barb Wire Arm, Add	*31.43*	
32 31 13 13-0471	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	345.97	41.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-41.26*	
		For 1" Mesh Fabric, Add	*95.71*	
		For 1-1/4" Mesh Fabric, Add	*61.61*	
		For 1-3/4" Mesh Fabric, Add	*38.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.14*	
		For Gate With Single Barb Wire Arm, Add	*24.20*	
		For Gate With Double Barb Wire Arm, Add	*35.20*	
32 31 13 13-0472	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	385.38	47.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.68*	
		For 1" Mesh Fabric, Add	*105.97*	
		For 1-1/4" Mesh Fabric, Add	*68.21*	
		For 1-3/4" Mesh Fabric, Add	*42.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.19*	
		For Gate With Single Barb Wire Arm, Add	*26.80*	
		For Gate With Double Barb Wire Arm, Add	*38.98*	
32 31 13 13-0473	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	425.59	52.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-50.10*	
		For 1" Mesh Fabric, Add	*116.22*	
		For 1-1/4" Mesh Fabric, Add	*74.81*	
		For 1-3/4" Mesh Fabric, Add	*46.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.24*	
		For Gate With Single Barb Wire Arm, Add	*29.39*	
		For Gate With Double Barb Wire Arm, Add	*42.75*	
32 31 13 13-0474	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	535.60	52.75
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.72*	
		For 1" Mesh Fabric, Add	*164.08*	
		For 1-1/4" Mesh Fabric, Add	*105.61*	
		For 1-3/4" Mesh Fabric, Add	*65.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.82*	
		For Gate With Single Barb Wire Arm, Add	*41.49*	
		For Gate With Double Barb Wire Arm, Add	*60.35*	
32 31 13 13-0475	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	662.80	69.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-84.86*	
		For 1" Mesh Fabric, Add	*196.89*	
		For 1-1/4" Mesh Fabric, Add	*126.73*	
		For 1-3/4" Mesh Fabric, Add	*78.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.38*	
		For Gate With Single Barb Wire Arm, Add	*49.79*	
		For Gate With Double Barb Wire Arm, Add	*72.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0476	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	754.41	75.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-99.01*	
		For 1" Mesh Fabric, Add	*229.71*	
		For 1-1/4" Mesh Fabric, Add	*147.86*	
		For 1-3/4" Mesh Fabric, Add	*91.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.94*	
		For Gate With Single Barb Wire Arm, Add	*58.09*	
		For Gate With Double Barb Wire Arm, Add	*84.49*	
32 31 13 13-0477	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	848.70	81.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.15*	
		For 1" Mesh Fabric, Add	*262.51*	
		For 1-1/4" Mesh Fabric, Add	*168.97*	
		For 1-3/4" Mesh Fabric, Add	*105.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.50*	
		For Gate With Single Barb Wire Arm, Add	*66.38*	
		For Gate With Double Barb Wire Arm, Add	*96.56*	
32 31 13 13-0478	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	946.44	89.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-127.30*	
		For 1" Mesh Fabric, Add	*295.33*	
		For 1-1/4" Mesh Fabric, Add	*190.10*	
		For 1-3/4" Mesh Fabric, Add	*118.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-59.07*	
		For Gate With Single Barb Wire Arm, Add	*74.68*	
		For Gate With Double Barb Wire Arm, Add	*108.63*	
32 31 13 13-0479	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,048.61	98.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-141.44*	
		For 1" Mesh Fabric, Add	*328.14*	
		For 1-1/4" Mesh Fabric, Add	*211.22*	
		For 1-3/4" Mesh Fabric, Add	*131.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-65.63*	
		For Gate With Single Barb Wire Arm, Add	*82.98*	
		For Gate With Double Barb Wire Arm, Add	*120.70*	
32 31 13 13-0480	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,156.74	108.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-155.58*	
		For 1" Mesh Fabric, Add	*360.95*	
		For 1-1/4" Mesh Fabric, Add	*232.34*	
		For 1-3/4" Mesh Fabric, Add	*144.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-72.19*	
		For Gate With Single Barb Wire Arm, Add	*91.28*	
		For Gate With Double Barb Wire Arm, Add	*132.76*	
32 31 13 13-0481	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,273.05	122.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-169.73*	
		For 1" Mesh Fabric, Add	*393.77*	
		For 1-1/4" Mesh Fabric, Add	*253.46*	
		For 1-3/4" Mesh Fabric, Add	*157.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-78.75*	
		For Gate With Single Barb Wire Arm, Add	*99.57*	
		For Gate With Double Barb Wire Arm, Add	*144.84*	
32 31 13 13-0482	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,401.04	139.96
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-183.88*	
		For 1" Mesh Fabric, Add	*426.59*	
		For 1-1/4" Mesh Fabric, Add	*274.59*	
		For 1-3/4" Mesh Fabric, Add	*170.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.32*	
		For Gate With Single Barb Wire Arm, Add	*107.87*	
		For Gate With Double Barb Wire Arm, Add	*156.91*	
32 31 13 13-0483	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,546.52	163.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-198.02*	
		For 1" Mesh Fabric, Add	*459.40*	
		For 1-1/4" Mesh Fabric, Add	*295.71*	
		For 1-3/4" Mesh Fabric, Add	*183.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.88*	
		For Gate With Single Barb Wire Arm, Add	*116.17*	
		For Gate With Double Barb Wire Arm, Add	*168.97*	
32 31 13 13-0484	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,720.06	195.95
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-212.16*	
		For 1" Mesh Fabric, Add	*492.22*	
		For 1-1/4" Mesh Fabric, Add	*316.83*	
		For 1-3/4" Mesh Fabric, Add	*196.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-98.44*	
		For Gate With Single Barb Wire Arm, Add	*124.47*	
		For Gate With Double Barb Wire Arm, Add	*181.05*	

32 31 13 13-0485 8' Fence Height *(32 31 13 13-0404)*

32 31 13 13-0486	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	193.50	26.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-21.43*	
		For 1" Mesh Fabric, Add	*49.72*	
		For 1-1/4" Mesh Fabric, Add	*32.00*	
		For 1-3/4" Mesh Fabric, Add	*19.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-9.94*	
		For Gate With Single Barb Wire Arm, Add	*12.57*	
		For Gate With Double Barb Wire Arm, Add	*18.29*	
32 31 13 13-0487	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	231.60	26.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.57*	
		For 1" Mesh Fabric, Add	*66.29*	
		For 1-1/4" Mesh Fabric, Add	*42.67*	
		For 1-3/4" Mesh Fabric, Add	*26.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.26*	
		For Gate With Single Barb Wire Arm, Add	*16.76*	
		For Gate With Double Barb Wire Arm, Add	*24.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0488	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	257.00	26.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-33.34*	
		For 1" Mesh Fabric, Add	*77.34*	
		For 1-1/4" Mesh Fabric, Add	*49.78*	
		For 1-3/4" Mesh Fabric, Add	*30.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-15.47*	
		For Gate With Single Barb Wire Arm, Add	*19.56*	
		For Gate With Double Barb Wire Arm, Add	*28.45*	
32 31 13 13-0489	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	302.98	33.27
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-38.10*	
		For 1" Mesh Fabric, Add	*88.38*	
		For 1-1/4" Mesh Fabric, Add	*56.89*	
		For 1-3/4" Mesh Fabric, Add	*35.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.68*	
		For Gate With Single Barb Wire Arm, Add	*22.35*	
		For Gate With Double Barb Wire Arm, Add	*32.51*	
32 31 13 13-0490	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	348.97	40.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-42.86*	
		For 1" Mesh Fabric, Add	*99.43*	
		For 1-1/4" Mesh Fabric, Add	*64.00*	
		For 1-3/4" Mesh Fabric, Add	*39.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-19.89*	
		For Gate With Single Barb Wire Arm, Add	*25.14*	
		For Gate With Double Barb Wire Arm, Add	*36.57*	
32 31 13 13-0491	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	394.18	46.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-47.62*	
		For 1" Mesh Fabric, Add	*110.48*	
		For 1-1/4" Mesh Fabric, Add	*71.11*	
		For 1-3/4" Mesh Fabric, Add	*44.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-22.10*	
		For Gate With Single Barb Wire Arm, Add	*27.94*	
		For Gate With Double Barb Wire Arm, Add	*40.64*	
32 31 13 13-0492	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	440.17	53.54
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-52.38*	
		For 1" Mesh Fabric, Add	*121.53*	
		For 1-1/4" Mesh Fabric, Add	*78.23*	
		For 1-3/4" Mesh Fabric, Add	*48.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.31*	
		For Gate With Single Barb Wire Arm, Add	*30.73*	
		For Gate With Double Barb Wire Arm, Add	*44.70*	
32 31 13 13-0493	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	486.15	60.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-57.15*	
		For 1" Mesh Fabric, Add	*132.58*	
		For 1-1/4" Mesh Fabric, Add	*85.34*	
		For 1-3/4" Mesh Fabric, Add	*53.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.52*	
		For Gate With Single Barb Wire Arm, Add	*33.53*	
		For Gate With Double Barb Wire Arm, Add	*48.76*	
32 31 13 13-0494	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	667.35	69.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-85.72*	
		For 1" Mesh Fabric, Add	*198.86*	
		For 1-1/4" Mesh Fabric, Add	*128.00*	
		For 1-3/4" Mesh Fabric, Add	*79.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.77*	
		For Gate With Single Barb Wire Arm, Add	*50.29*	
		For Gate With Double Barb Wire Arm, Add	*73.15*	
32 31 13 13-0495	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	774.94	75.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-102.86*	
		For 1" Mesh Fabric, Add	*238.64*	
		For 1-1/4" Mesh Fabric, Add	*153.61*	
		For 1-3/4" Mesh Fabric, Add	*95.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-47.73*	
		For Gate With Single Barb Wire Arm, Add	*60.34*	
		For Gate With Double Barb Wire Arm, Add	*87.77*	
32 31 13 13-0496	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	885.24	81.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-120.00*	
		For 1" Mesh Fabric, Add	*278.41*	
		For 1-1/4" Mesh Fabric, Add	*179.21*	
		For 1-3/4" Mesh Fabric, Add	*111.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-55.68*	
		For Gate With Single Barb Wire Arm, Add	*70.40*	
		For Gate With Double Barb Wire Arm, Add	*102.40*	
32 31 13 13-0497	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	998.96	89.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-137.15*	
		For 1" Mesh Fabric, Add	*318.18*	
		For 1-1/4" Mesh Fabric, Add	*204.81*	
		For 1-3/4" Mesh Fabric, Add	*127.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-63.64*	
		For Gate With Single Barb Wire Arm, Add	*80.46*	
		For Gate With Double Barb Wire Arm, Add	*117.03*	
32 31 13 13-0498	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,117.14	98.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-154.29*	
		For 1" Mesh Fabric, Add	*357.95*	
		For 1-1/4" Mesh Fabric, Add	*230.41*	
		For 1-3/4" Mesh Fabric, Add	*143.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-71.59*	
		For Gate With Single Barb Wire Arm, Add	*90.52*	
		For Gate With Double Barb Wire Arm, Add	*131.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0499	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,241.28	108.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-171.44*	
		For 1" Mesh Fabric, Add	*397.73*	
		For 1-1/4" Mesh Fabric, Add	*256.01*	
		For 1-3/4" Mesh Fabric, Add	*159.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-79.55*	
		For Gate With Single Barb Wire Arm, Add	*100.58*	
		For Gate With Double Barb Wire Arm, Add	*146.29*	
32 31 13 13-0500	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,373.58	122.49
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-188.58*	
		For 1" Mesh Fabric, Add	*437.50*	
		For 1-1/4" Mesh Fabric, Add	*281.61*	
		For 1-3/4" Mesh Fabric, Add	*175.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-87.50*	
		For Gate With Single Barb Wire Arm, Add	*110.63*	
		For Gate With Double Barb Wire Arm, Add	*160.92*	
32 31 13 13-0501	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,517.55	139.96
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-205.72*	
		For 1" Mesh Fabric, Add	*477.27*	
		For 1-1/4" Mesh Fabric, Add	*307.21*	
		For 1-3/4" Mesh Fabric, Add	*190.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-95.45*	
		For Gate With Single Barb Wire Arm, Add	*120.69*	
		For Gate With Double Barb Wire Arm, Add	*175.55*	
32 31 13 13-0502	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,679.04	163.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-222.86*	
		For 1" Mesh Fabric, Add	*517.05*	
		For 1-1/4" Mesh Fabric, Add	*332.81*	
		For 1-3/4" Mesh Fabric, Add	*206.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.41*	
		For Gate With Single Barb Wire Arm, Add	*130.75*	
		For Gate With Double Barb Wire Arm, Add	*190.18*	
32 31 13 13-0503	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,868.56	195.95
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-240.01*	
		For 1" Mesh Fabric, Add	*556.82*	
		For 1-1/4" Mesh Fabric, Add	*358.41*	
		For 1-3/4" Mesh Fabric, Add	*222.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-111.36*	
		For Gate With Single Barb Wire Arm, Add	*140.80*	
		For Gate With Double Barb Wire Arm, Add	*204.81*	
32 31 13 13-0504	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,107.12	244.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-257.15*	
		For 1" Mesh Fabric, Add	*596.59*	
		For 1-1/4" Mesh Fabric, Add	*384.01*	
		For 1-3/4" Mesh Fabric, Add	*238.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-119.32*	
		For Gate With Single Barb Wire Arm, Add	*150.86*	
		For Gate With Double Barb Wire Arm, Add	*219.44*	

32 31 13 13-0505 10' Fence Height *(32 31 13 13-0404)*

32 31 13 13-0506	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	220.59	29.31
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-24.86*	
		For 1" Mesh Fabric, Add	*57.67*	
		For 1-1/4" Mesh Fabric, Add	*37.12*	
		For 1-3/4" Mesh Fabric, Add	*23.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-11.53*	
		For Gate With Single Barb Wire Arm, Add	*14.58*	
		For Gate With Double Barb Wire Arm, Add	*21.21*	
32 31 13 13-0507	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	264.78	29.31
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-33.14*	
		For 1" Mesh Fabric, Add	*76.89*	
		For 1-1/4" Mesh Fabric, Add	*49.50*	
		For 1-3/4" Mesh Fabric, Add	*30.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-15.38*	
		For Gate With Single Barb Wire Arm, Add	*19.44*	
		For Gate With Double Barb Wire Arm, Add	*28.28*	
32 31 13 13-0508	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm	298.11	30.57
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-38.67*	
		For 1" Mesh Fabric, Add	*89.71*	
		For 1-1/4" Mesh Fabric, Add	*57.75*	
		For 1-3/4" Mesh Fabric, Add	*35.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.94*	
		For Gate With Single Barb Wire Arm, Add	*22.69*	
		For Gate With Double Barb Wire Arm, Add	*33.00*	
32 31 13 13-0509	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	349.75	38.01
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-44.19*	
		For 1" Mesh Fabric, Add	*102.53*	
		For 1-1/4" Mesh Fabric, Add	*66.00*	
		For 1-3/4" Mesh Fabric, Add	*41.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-20.51*	
		For Gate With Single Barb Wire Arm, Add	*25.93*	
		For Gate With Double Barb Wire Arm, Add	*37.71*	
32 31 13 13-0510	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	400.60	45.06
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-49.72*	
		For 1" Mesh Fabric, Add	*115.34*	
		For 1-1/4" Mesh Fabric, Add	*74.24*	
		For 1-3/4" Mesh Fabric, Add	*46.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.07*	
		For Gate With Single Barb Wire Arm, Add	*29.17*	
		For Gate With Double Barb Wire Arm, Add	*42.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0511	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	452.25	52.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-55.24*	
		For 1" Mesh Fabric, Add	*128.16*	
		For 1-1/4" Mesh Fabric, Add	*82.50*	
		For 1-3/4" Mesh Fabric, Add	*51.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.63*	
		For Gate With Single Barb Wire Arm, Add	*32.41*	
		For Gate With Double Barb Wire Arm, Add	*47.14*	
32 31 13 13-0512	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	503.10	59.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-60.77*	
		For 1" Mesh Fabric, Add	*140.98*	
		For 1-1/4" Mesh Fabric, Add	*90.75*	
		For 1-3/4" Mesh Fabric, Add	*56.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.20*	
		For Gate With Single Barb Wire Arm, Add	*35.65*	
		For Gate With Double Barb Wire Arm, Add	*51.86*	
32 31 13 13-0513	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	554.74	67.01
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.29*	
		For 1" Mesh Fabric, Add	*153.80*	
		For 1-1/4" Mesh Fabric, Add	*99.00*	
		For 1-3/4" Mesh Fabric, Add	*61.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.76*	
		For Gate With Single Barb Wire Arm, Add	*38.89*	
		For Gate With Double Barb Wire Arm, Add	*56.57*	
32 31 13 13-0514	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	763.86	77.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-99.44*	
		For 1" Mesh Fabric, Add	*230.69*	
		For 1-1/4" Mesh Fabric, Add	*148.49*	
		For 1-3/4" Mesh Fabric, Add	*92.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.14*	
		For Gate With Single Barb Wire Arm, Add	*58.34*	
		For Gate With Double Barb Wire Arm, Add	*84.85*	
32 31 13 13-0515	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	887.81	83.68
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-119.32*	
		For 1" Mesh Fabric, Add	*276.83*	
		For 1-1/4" Mesh Fabric, Add	*178.19*	
		For 1-3/4" Mesh Fabric, Add	*110.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-55.37*	
		For Gate With Single Barb Wire Arm, Add	*70.00*	
		For Gate With Double Barb Wire Arm, Add	*101.82*	
32 31 13 13-0516	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,014.92	90.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.21*	
		For 1" Mesh Fabric, Add	*322.97*	
		For 1-1/4" Mesh Fabric, Add	*207.89*	
		For 1-3/4" Mesh Fabric, Add	*129.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.59*	
		For Gate With Single Barb Wire Arm, Add	*81.67*	
		For Gate With Double Barb Wire Arm, Add	*118.79*	
32 31 13 13-0517	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,145.63	98.95
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-159.10*	
		For 1" Mesh Fabric, Add	*369.11*	
		For 1-1/4" Mesh Fabric, Add	*237.59*	
		For 1-3/4" Mesh Fabric, Add	*147.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-73.82*	
		For Gate With Single Barb Wire Arm, Add	*93.34*	
		For Gate With Double Barb Wire Arm, Add	*135.76*	
32 31 13 13-0518	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,281.55	108.88
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-178.99*	
		For 1" Mesh Fabric, Add	*415.25*	
		For 1-1/4" Mesh Fabric, Add	*267.29*	
		For 1-3/4" Mesh Fabric, Add	*166.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-83.05*	
		For Gate With Single Barb Wire Arm, Add	*105.00*	
		For Gate With Double Barb Wire Arm, Add	*152.73*	
32 31 13 13-0519	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,423.75	120.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-198.87*	
		For 1" Mesh Fabric, Add	*461.38*	
		For 1-1/4" Mesh Fabric, Add	*296.98*	
		For 1-3/4" Mesh Fabric, Add	*184.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-92.28*	
		For Gate With Single Barb Wire Arm, Add	*116.67*	
		For Gate With Double Barb Wire Arm, Add	*169.70*	
32 31 13 13-0520	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,575.42	136.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-218.76*	
		For 1" Mesh Fabric, Add	*507.52*	
		For 1-1/4" Mesh Fabric, Add	*326.68*	
		For 1-3/4" Mesh Fabric, Add	*203.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-101.50*	
		For Gate With Single Barb Wire Arm, Add	*128.34*	
		For Gate With Double Barb Wire Arm, Add	*186.68*	
32 31 13 13-0521	EA	24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,739.56	155.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-238.65*	
		For 1" Mesh Fabric, Add	*553.66*	
		For 1-1/4" Mesh Fabric, Add	*356.38*	
		For 1-3/4" Mesh Fabric, Add	*221.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-110.73*	
		For Gate With Single Barb Wire Arm, Add	*140.01*	
		For Gate With Double Barb Wire Arm, Add	*203.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0522	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,923.78	181.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-258.53*	
		For 1" Mesh Fabric, Add	*599.80*	
		For 1-1/4" Mesh Fabric, Add	*386.08*	
		For 1-3/4" Mesh Fabric, Add	*239.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-119.96*	
		For Gate With Single Barb Wire Arm, Add	*151.67*	
		For Gate With Double Barb Wire Arm, Add	*220.62*	
32 31 13 13-0523	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,138.24	217.57
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-278.42*	
		For 1" Mesh Fabric, Add	*645.94*	
		For 1-1/4" Mesh Fabric, Add	*415.77*	
		For 1-3/4" Mesh Fabric, Add	*258.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-129.19*	
		For Gate With Single Barb Wire Arm, Add	*163.34*	
		For Gate With Double Barb Wire Arm, Add	*237.59*	
32 31 13 13-0524	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,408.37	272.19
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-298.31*	
		For 1" Mesh Fabric, Add	*692.08*	
		For 1-1/4" Mesh Fabric, Add	*445.47*	
		For 1-3/4" Mesh Fabric, Add	*276.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-138.42*	
		For Gate With Single Barb Wire Arm, Add	*175.01*	
		For Gate With Double Barb Wire Arm, Add	*254.56*	

32 31 13 13-0525 12' Fence Height *(32 31 13 13-0404)*

32 31 13 13-0526	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	282.69	32.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.67*	
		For 1" Mesh Fabric, Add	*80.43*	
		For 1-1/4" Mesh Fabric, Add	*51.77*	
		For 1-3/4" Mesh Fabric, Add	*32.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.09*	
		For Gate With Single Barb Wire Arm, Add	*20.34*	
		For Gate With Double Barb Wire Arm, Add	*29.58*	
32 31 13 13-0527	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	344.15	32.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-46.19*	
		For 1" Mesh Fabric, Add	*107.17*	
		For 1-1/4" Mesh Fabric, Add	*68.98*	
		For 1-3/4" Mesh Fabric, Add	*42.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.43*	
		For Gate With Single Barb Wire Arm, Add	*27.10*	
		For Gate With Double Barb Wire Arm, Add	*39.42*	
32 31 13 13-0528	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	393.46	33.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.77*	
		For 1" Mesh Fabric, Add	*127.05*	
		For 1-1/4" Mesh Fabric, Add	*81.78*	
		For 1-3/4" Mesh Fabric, Add	*50.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.41*	
		For Gate With Single Barb Wire Arm, Add	*32.13*	
		For Gate With Double Barb Wire Arm, Add	*46.73*	
32 31 13 13-0529	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	456.11	41.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-61.91*	
		For 1" Mesh Fabric, Add	*143.62*	
		For 1-1/4" Mesh Fabric, Add	*92.45*	
		For 1-3/4" Mesh Fabric, Add	*57.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.72*	
		For Gate With Single Barb Wire Arm, Add	*36.32*	
		For Gate With Double Barb Wire Arm, Add	*52.83*	
32 31 13 13-0530	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	522.99	50.14
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.84*	
		For 1" Mesh Fabric, Add	*162.04*	
		For 1-1/4" Mesh Fabric, Add	*104.30*	
		For 1-3/4" Mesh Fabric, Add	*64.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.41*	
		For Gate With Single Barb Wire Arm, Add	*40.98*	
		For Gate With Double Barb Wire Arm, Add	*59.60*	
32 31 13 13-0531	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	589.08	58.06
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.78*	
		For 1" Mesh Fabric, Add	*180.45*	
		For 1-1/4" Mesh Fabric, Add	*116.15*	
		For 1-3/4" Mesh Fabric, Add	*72.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-36.09*	
		For Gate With Single Barb Wire Arm, Add	*45.63*	
		For Gate With Double Barb Wire Arm, Add	*66.37*	
32 31 13 13-0532	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	655.97	66.22
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-85.72*	
		For 1" Mesh Fabric, Add	*198.86*	
		For 1-1/4" Mesh Fabric, Add	*128.00*	
		For 1-3/4" Mesh Fabric, Add	*79.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.77*	
		For Gate With Single Barb Wire Arm, Add	*50.29*	
		For Gate With Double Barb Wire Arm, Add	*73.15*	
32 31 13 13-0533	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	718.63	74.37
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-92.86*	
		For 1" Mesh Fabric, Add	*215.44*	
		For 1-1/4" Mesh Fabric, Add	*138.67*	
		For 1-3/4" Mesh Fabric, Add	*86.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.09*	
		For Gate With Single Barb Wire Arm, Add	*54.48*	
		For Gate With Double Barb Wire Arm, Add	*79.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0534	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,002.03	86.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.25*	
		For 1" Mesh Fabric, Add	*323.05*	
		For 1-1/4" Mesh Fabric, Add	*207.94*	
		For 1-3/4" Mesh Fabric, Add	*129.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.61*	
		For Gate With Single Barb Wire Arm, Add	*81.69*	
		For Gate With Double Barb Wire Arm, Add	*118.82*	
32 31 13 13-0535	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,194.63	93.06
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-171.63*	
		For 1" Mesh Fabric, Add	*398.17*	
		For 1-1/4" Mesh Fabric, Add	*256.30*	
		For 1-3/4" Mesh Fabric, Add	*159.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-79.63*	
		For Gate With Single Barb Wire Arm, Add	*100.69*	
		For Gate With Double Barb Wire Arm, Add	*146.45*	
32 31 13 13-0536	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,371.49	100.79
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-200.39*	
		For 1" Mesh Fabric, Add	*464.91*	
		For 1-1/4" Mesh Fabric, Add	*299.25*	
		For 1-3/4" Mesh Fabric, Add	*185.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-92.98*	
		For Gate With Single Barb Wire Arm, Add	*117.56*	
		For Gate With Double Barb Wire Arm, Add	*171.00*	
32 31 13 13-0537	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,551.32	109.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-228.96*	
		For 1" Mesh Fabric, Add	*531.20*	
		For 1-1/4" Mesh Fabric, Add	*341.92*	
		For 1-3/4" Mesh Fabric, Add	*212.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-106.24*	
		For Gate With Single Barb Wire Arm, Add	*134.33*	
		For Gate With Double Barb Wire Arm, Add	*195.38*	
32 31 13 13-0538	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,734.78	121.01
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-257.15*	
		For 1" Mesh Fabric, Add	*596.60*	
		For 1-1/4" Mesh Fabric, Add	*384.02*	
		For 1-3/4" Mesh Fabric, Add	*238.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-119.32*	
		For Gate With Single Barb Wire Arm, Add	*150.86*	
		For Gate With Double Barb Wire Arm, Add	*219.44*	
32 31 13 13-0539	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,927.20	134.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-285.73*	
		For 1" Mesh Fabric, Add	*662.89*	
		For 1-1/4" Mesh Fabric, Add	*426.69*	
		For 1-3/4" Mesh Fabric, Add	*265.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-132.58*	
		For Gate With Single Barb Wire Arm, Add	*167.63*	
		For Gate With Double Barb Wire Arm, Add	*243.82*	
32 31 13 13-0540	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,130.38	151.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-314.30*	
		For 1" Mesh Fabric, Add	*729.18*	
		For 1-1/4" Mesh Fabric, Add	*469.36*	
		For 1-3/4" Mesh Fabric, Add	*291.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-145.84*	
		For Gate With Single Barb Wire Arm, Add	*184.39*	
		For Gate With Double Barb Wire Arm, Add	*268.20*	
32 31 13 13-0541	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,347.31	172.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-342.87*	
		For 1" Mesh Fabric, Add	*795.47*	
		For 1-1/4" Mesh Fabric, Add	*512.02*	
		For 1-3/4" Mesh Fabric, Add	*318.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-159.09*	
		For Gate With Single Barb Wire Arm, Add	*201.15*	
		For Gate With Double Barb Wire Arm, Add	*292.59*	
32 31 13 13-0542	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,591.59	201.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-372.40*	
		For 1" Mesh Fabric, Add	*863.96*	
		For 1-1/4" Mesh Fabric, Add	*556.11*	
		For 1-3/4" Mesh Fabric, Add	*345.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-172.79*	
		For Gate With Single Barb Wire Arm, Add	*218.47*	
		For Gate With Double Barb Wire Arm, Add	*317.78*	
32 31 13 13-0543	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,864.43	241.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-400.97*	
		For 1" Mesh Fabric, Add	*930.25*	
		For 1-1/4" Mesh Fabric, Add	*598.78*	
		For 1-3/4" Mesh Fabric, Add	*372.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-186.05*	
		For Gate With Single Barb Wire Arm, Add	*235.24*	
		For Gate With Double Barb Wire Arm, Add	*342.16*	
32 31 13 13-0544	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,199.11	302.45
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-429.54*	
		For 1" Mesh Fabric, Add	*996.54*	
		For 1-1/4" Mesh Fabric, Add	*641.45*	
		For 1-3/4" Mesh Fabric, Add	*398.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-199.31*	
		For Gate With Single Barb Wire Arm, Add	*252.00*	
		For Gate With Double Barb Wire Arm, Add	*366.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0545		Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0262)*		
		Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31 13 13-0546		4' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0545)*		
32 31 13 13-0547	EA	10' Long x 4' High Chain Link Galvanized Steel Sliding Gate	1,765.84	298.49
		For 1" Mesh Fabric, Add	*508.44*	
		For 1-1/4" Mesh Fabric, Add	*327.27*	
		For 1-3/4" Mesh Fabric, Add	*203.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-101.69*	
		For Gate With Barb Wire Arm, Add	*128.57*	
		For Vinyl Coated, Add	*350.65*	
32 31 13 13-0548	EA	12' Long x 4' High Chain Link Galvanized Steel Sliding Gate	2,123.25	360.38
		For 1" Mesh Fabric, Add	*610.13*	
		For 1-1/4" Mesh Fabric, Add	*392.73*	
		For 1-3/4" Mesh Fabric, Add	*244.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-122.03*	
		For Gate With Barb Wire Arm, Add	*154.28*	
		For Vinyl Coated, Add	*420.78*	
32 31 13 13-0549	EA	14' Long x 4' High Chain Link Galvanized Steel Sliding Gate	2,477.28	420.43
		For 1" Mesh Fabric, Add	*711.81*	
		For 1-1/4" Mesh Fabric, Add	*458.18*	
		For 1-3/4" Mesh Fabric, Add	*284.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-142.36*	
		For Gate With Barb Wire Arm, Add	*180.00*	
		For Vinyl Coated, Add	*490.91*	
32 31 13 13-0550	EA	16' Long x 4' High Chain Link Galvanized Steel Sliding Gate	2,836.56	483.23
		For 1" Mesh Fabric, Add	*813.50*	
		For 1-1/4" Mesh Fabric, Add	*523.63*	
		For 1-3/4" Mesh Fabric, Add	*325.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-162.70*	
		For Gate With Barb Wire Arm, Add	*205.71*	
		For Vinyl Coated, Add	*561.04*	
32 31 13 13-0551	EA	18' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,191.16	543.64
		For 1" Mesh Fabric, Add	*915.19*	
		For 1-1/4" Mesh Fabric, Add	*589.09*	
		For 1-3/4" Mesh Fabric, Add	*366.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-183.04*	
		For Gate With Barb Wire Arm, Add	*231.43*	
		For Vinyl Coated, Add	*631.16*	
32 31 13 13-0552	EA	20' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,534.60	598.45
		For 1" Mesh Fabric, Add	*1,016.88*	
		For 1-1/4" Mesh Fabric, Add	*654.54*	
		For 1-3/4" Mesh Fabric, Add	*406.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-203.38*	
		For Gate With Barb Wire Arm, Add	*257.14*	
		For Vinyl Coated, Add	*701.30*	
32 31 13 13-0553	EA	24' Long x 4' High Chain Link Galvanized Steel Sliding Gate	4,225.91	720.66
		For 1" Mesh Fabric, Add	*1,211.30*	
		For 1-1/4" Mesh Fabric, Add	*779.69*	
		For 1-3/4" Mesh Fabric, Add	*484.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-242.26*	
		For Gate With Barb Wire Arm, Add	*306.30*	
		For Vinyl Coated, Add	*835.38*	
32 31 13 13-0554	EA	30' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,227.07	1,360.31
		For 1" Mesh Fabric, Add	*1,525.31*	
		For 1-1/4" Mesh Fabric, Add	*981.81*	
		For 1-3/4" Mesh Fabric, Add	*610.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-305.06*	
		For Gate With Barb Wire Arm, Add	*385.71*	
		For Vinyl Coated, Add	*1,051.94*	
32 31 13 13-0555	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	8,302.76	1,813.74
		For 1" Mesh Fabric, Add	*2,033.75*	
		For 1-1/4" Mesh Fabric, Add	*1,309.08*	
		For 1-3/4" Mesh Fabric, Add	*813.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-406.75*	
		For Gate With Barb Wire Arm, Add	*514.28*	
		For Vinyl Coated, Add	*1,402.59*	
32 31 13 13-0556		5' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0545)*		
32 31 13 13-0557	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	1,852.92	324.88
		For 1" Mesh Fabric, Add	*523.38*	
		For 1-1/4" Mesh Fabric, Add	*336.89*	
		For 1-3/4" Mesh Fabric, Add	*209.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-104.68*	
		For Gate With Barb Wire Arm, Add	*132.35*	
		For Vinyl Coated, Add	*360.95*	
32 31 13 13-0558	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	2,222.60	389.44
		For 1" Mesh Fabric, Add	*628.06*	
		For 1-1/4" Mesh Fabric, Add	*404.27*	
		For 1-3/4" Mesh Fabric, Add	*251.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-125.61*	
		For Gate With Barb Wire Arm, Add	*158.82*	
		For Vinyl Coated, Add	*433.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0559	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	2,592.88	454.27
		For 1" Mesh Fabric, Add	*732.74*	
		For 1-1/4" Mesh Fabric, Add	*471.65*	
		For 1-3/4" Mesh Fabric, Add	*293.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-146.55*	
		For Gate With Barb Wire Arm, Add	*185.29*	
		For Vinyl Coated, Add	*505.34*	
32 31 13 13-0560	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	2,963.55	519.28
		For 1" Mesh Fabric, Add	*837.41*	
		For 1-1/4" Mesh Fabric, Add	*539.02*	
		For 1-3/4" Mesh Fabric, Add	*334.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-167.48*	
		For Gate With Barb Wire Arm, Add	*211.76*	
		For Vinyl Coated, Add	*577.52*	
32 31 13 13-0561	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,333.78	584.02
		For 1" Mesh Fabric, Add	*942.08*	
		For 1-1/4" Mesh Fabric, Add	*606.40*	
		For 1-3/4" Mesh Fabric, Add	*376.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-188.42*	
		For Gate With Barb Wire Arm, Add	*238.23*	
		For Vinyl Coated, Add	*649.71*	
32 31 13 13-0562	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,704.25	648.93
		For 1" Mesh Fabric, Add	*1,046.76*	
		For 1-1/4" Mesh Fabric, Add	*673.78*	
		For 1-3/4" Mesh Fabric, Add	*418.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-209.35*	
		For Gate With Barb Wire Arm, Add	*264.70*	
		For Vinyl Coated, Add	*721.91*	
32 31 13 13-0563	EA	24' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,425.68	779.60
		For 1" Mesh Fabric, Add	*1,246.90*	
		For 1-1/4" Mesh Fabric, Add	*802.60*	
		For 1-3/4" Mesh Fabric, Add	*498.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-249.38*	
		For Gate With Barb Wire Arm, Add	*315.31*	
		For Vinyl Coated, Add	*859.93*	
32 31 13 13-0564	EA	30' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,556.72	973.63
		For 1" Mesh Fabric, Add	*1,570.14*	
		For 1-1/4" Mesh Fabric, Add	*1,010.67*	
		For 1-3/4" Mesh Fabric, Add	*628.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-314.03*	
		For Gate With Barb Wire Arm, Add	*397.05*	
		For Vinyl Coated, Add	*1,082.86*	
32 31 13 13-0565	EA	40' Long x 5' High Chain Link Galvanized Steel Sliding Gate	7,408.49	1,297.87
		For 1" Mesh Fabric, Add	*2,093.52*	
		For 1-1/4" Mesh Fabric, Add	*1,347.55*	
		For 1-3/4" Mesh Fabric, Add	*837.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-418.70*	
		For Gate With Barb Wire Arm, Add	*529.40*	
		For Vinyl Coated, Add	*1,443.81*	

32 31 13 13-0566 6' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0545)*

32 31 13 13-0567	EA	10' Long x 6' High Chain Link Galvanized Steel Sliding Gate	1,988.92	380.88
		For 1" Mesh Fabric, Add	*533.84*	
		For 1-1/4" Mesh Fabric, Add	*343.62*	
		For 1-3/4" Mesh Fabric, Add	*213.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-106.77*	
		For Gate With Barb Wire Arm, Add	*134.99*	
		For Vinyl Coated, Add	*368.17*	
32 31 13 13-0568	EA	12' Long x 6' High Chain Link Galvanized Steel Sliding Gate	2,384.02	455.64
		For 1" Mesh Fabric, Add	*640.61*	
		For 1-1/4" Mesh Fabric, Add	*412.34*	
		For 1-3/4" Mesh Fabric, Add	*256.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-128.12*	
		For Gate With Barb Wire Arm, Add	*161.99*	
		For Vinyl Coated, Add	*441.80*	
32 31 13 13-0569	EA	14' Long x 6' High Chain Link Galvanized Steel Sliding Gate	2,781.19	531.50
		For 1" Mesh Fabric, Add	*747.38*	
		For 1-1/4" Mesh Fabric, Add	*481.07*	
		For 1-3/4" Mesh Fabric, Add	*298.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-149.48*	
		For Gate With Barb Wire Arm, Add	*188.99*	
		For Vinyl Coated, Add	*515.43*	
32 31 13 13-0570	EA	16' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,178.69	607.56
		For 1" Mesh Fabric, Add	*854.14*	
		For 1-1/4" Mesh Fabric, Add	*549.79*	
		For 1-3/4" Mesh Fabric, Add	*341.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-170.83*	
		For Gate With Barb Wire Arm, Add	*215.99*	
		For Vinyl Coated, Add	*589.07*	
32 31 13 13-0571	EA	18' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,575.87	683.42
		For 1" Mesh Fabric, Add	*960.92*	
		For 1-1/4" Mesh Fabric, Add	*618.52*	
		For 1-3/4" Mesh Fabric, Add	*384.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-192.18*	
		For Gate With Barb Wire Arm, Add	*242.99*	
		For Vinyl Coated, Add	*662.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0572	EA	20' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,978.15	761.86
		For 1" Mesh Fabric, Add	*1,067.68*	
		For 1-1/4" Mesh Fabric, Add	*687.24*	
		For 1-3/4" Mesh Fabric, Add	*427.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-213.54*	
		For Gate With Barb Wire Arm, Add	*269.99*	
		For Vinyl Coated, Add	*736.33*	
32 31 13 13-0573	EA	24' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,746.44	911.38
		For 1" Mesh Fabric, Add	*1,271.82*	
		For 1-1/4" Mesh Fabric, Add	*818.64*	
		For 1-3/4" Mesh Fabric, Add	*508.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-254.36*	
		For Gate With Barb Wire Arm, Add	*321.61*	
		For Vinyl Coated, Add	*877.12*	
32 31 13 13-0574	EA	30' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,960.63	1,139.53
		For 1" Mesh Fabric, Add	*1,601.52*	
		For 1-1/4" Mesh Fabric, Add	*1,030.86*	
		For 1-3/4" Mesh Fabric, Add	*640.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-320.30*	
		For Gate With Barb Wire Arm, Add	*404.98*	
		For Vinyl Coated, Add	*1,104.50*	
32 31 13 13-0575	EA	40' Long x 6' High Chain Link Galvanized Steel Sliding Gate	7,946.24	1,518.66
		For 1" Mesh Fabric, Add	*2,135.36*	
		For 1-1/4" Mesh Fabric, Add	*1,374.49*	
		For 1-3/4" Mesh Fabric, Add	*854.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-427.07*	
		For Gate With Barb Wire Arm, Add	*539.98*	
		For Vinyl Coated, Add	*1,472.66*	
32 31 13 13-0576		7' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0545)*		
32 31 13 13-0577	EA	10' Long x 7' High Chain Link Galvanized Steel Sliding Gate	2,124.99	424.84
		For 1" Mesh Fabric, Add	*554.76*	
		For 1-1/4" Mesh Fabric, Add	*357.09*	
		For 1-3/4" Mesh Fabric, Add	*221.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-110.95*	
		For Gate With Barb Wire Arm, Add	*140.29*	
		For Vinyl Coated, Add	*382.60*	
32 31 13 13-0578	EA	12' Long x 7' High Chain Link Galvanized Steel Sliding Gate	2,549.33	509.43
		For 1" Mesh Fabric, Add	*665.73*	
		For 1-1/4" Mesh Fabric, Add	*428.52*	
		For 1-3/4" Mesh Fabric, Add	*266.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-133.15*	
		For Gate With Barb Wire Arm, Add	*168.35*	
		For Vinyl Coated, Add	*459.13*	
32 31 13 13-0579	EA	14' Long x 7' High Chain Link Galvanized Steel Sliding Gate	2,975.03	594.77
		For 1" Mesh Fabric, Add	*776.66*	
		For 1-1/4" Mesh Fabric, Add	*499.92*	
		For 1-3/4" Mesh Fabric, Add	*310.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-155.33*	
		For Gate With Barb Wire Arm, Add	*196.40*	
		For Vinyl Coated, Add	*535.63*	
32 31 13 13-0580	EA	16' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,399.29	679.37
		For 1" Mesh Fabric, Add	*887.62*	
		For 1-1/4" Mesh Fabric, Add	*571.34*	
		For 1-3/4" Mesh Fabric, Add	*355.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-177.52*	
		For Gate With Barb Wire Arm, Add	*224.46*	
		For Vinyl Coated, Add	*612.15*	
32 31 13 13-0581	EA	18' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,824.34	764.43
		For 1" Mesh Fabric, Add	*998.57*	
		For 1-1/4" Mesh Fabric, Add	*642.76*	
		For 1-3/4" Mesh Fabric, Add	*399.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-199.71*	
		For Gate With Barb Wire Arm, Add	*252.51*	
		For Vinyl Coated, Add	*688.67*	
32 31 13 13-0582	EA	20' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,248.81	849.12
		For 1" Mesh Fabric, Add	*1,109.52*	
		For 1-1/4" Mesh Fabric, Add	*714.18*	
		For 1-3/4" Mesh Fabric, Add	*443.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-221.90*	
		For Gate With Barb Wire Arm, Add	*280.57*	
		For Vinyl Coated, Add	*765.19*	
32 31 13 13-0583	EA	24' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,076.11	1,018.88
		For 1" Mesh Fabric, Add	*1,321.66*	
		For 1-1/4" Mesh Fabric, Add	*850.72*	
		For 1-3/4" Mesh Fabric, Add	*528.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-264.33*	
		For Gate With Barb Wire Arm, Add	*334.21*	
		For Vinyl Coated, Add	*911.49*	
32 31 13 13-0584	EA	30' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,373.21	1,273.60
		For 1" Mesh Fabric, Add	*1,664.28*	
		For 1-1/4" Mesh Fabric, Add	*1,071.26*	
		For 1-3/4" Mesh Fabric, Add	*665.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-332.86*	
		For Gate With Barb Wire Arm, Add	*420.85*	
		For Vinyl Coated, Add	*1,147.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0585	EA	40' Long x 7' High Chain Link Galvanized Steel Sliding Gate	8,497.60	1,698.15
		For 1" Mesh Fabric, Add	*2,219.04*	
		For 1-1/4" Mesh Fabric, Add	*1,428.35*	
		For 1-3/4" Mesh Fabric, Add	*887.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-443.81*	
		For Gate With Barb Wire Arm, Add	*561.14*	
		For Vinyl Coated, Add	*1,530.38*	

32 31 13 13-0586 8' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0545)*

32 31 13 13-0587	EA	10' Long x 8' High Chain Link Galvanized Steel Sliding Gate	2,233.59	460.24
		For 1" Mesh Fabric, Add	*571.20*	
		For 1-1/4" Mesh Fabric, Add	*367.67*	
		For 1-3/4" Mesh Fabric, Add	*228.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-114.24*	
		For Gate With Barb Wire Arm, Add	*144.44*	
		For Vinyl Coated, Add	*393.93*	
32 31 13 13-0588	EA	12' Long x 8' High Chain Link Galvanized Steel Sliding Gate	2,677.66	551.00
		For 1" Mesh Fabric, Add	*685.44*	
		For 1-1/4" Mesh Fabric, Add	*441.20*	
		For 1-3/4" Mesh Fabric, Add	*274.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-137.09*	
		For Gate With Barb Wire Arm, Add	*173.33*	
		For Vinyl Coated, Add	*472.72*	
32 31 13 13-0589	EA	14' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,123.99	642.87
		For 1" Mesh Fabric, Add	*799.68*	
		For 1-1/4" Mesh Fabric, Add	*514.74*	
		For 1-3/4" Mesh Fabric, Add	*319.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-159.94*	
		For Gate With Barb Wire Arm, Add	*202.22*	
		For Vinyl Coated, Add	*551.50*	
32 31 13 13-0590	EA	16' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,570.50	734.73
		For 1" Mesh Fabric, Add	*913.92*	
		For 1-1/4" Mesh Fabric, Add	*588.27*	
		For 1-3/4" Mesh Fabric, Add	*365.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-182.78*	
		For Gate With Barb Wire Arm, Add	*231.11*	
		For Vinyl Coated, Add	*630.29*	
32 31 13 13-0591	EA	18' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,015.98	826.23
		For 1" Mesh Fabric, Add	*1,028.16*	
		For 1-1/4" Mesh Fabric, Add	*661.80*	
		For 1-3/4" Mesh Fabric, Add	*411.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-205.63*	
		For Gate With Barb Wire Arm, Add	*259.99*	
		For Vinyl Coated, Add	*709.07*	
32 31 13 13-0592	EA	20' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,462.57	918.18
		For 1" Mesh Fabric, Add	*1,142.40*	
		For 1-1/4" Mesh Fabric, Add	*735.34*	
		For 1-3/4" Mesh Fabric, Add	*456.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-228.48*	
		For Gate With Barb Wire Arm, Add	*288.88*	
		For Vinyl Coated, Add	*787.86*	
32 31 13 13-0593	EA	24' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,332.19	1,101.91
		For 1" Mesh Fabric, Add	*1,360.82*	
		For 1-1/4" Mesh Fabric, Add	*875.93*	
		For 1-3/4" Mesh Fabric, Add	*544.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-272.16*	
		For Gate With Barb Wire Arm, Add	*344.12*	
		For Vinyl Coated, Add	*938.50*	
32 31 13 13-0594	EA	30' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,694.54	1,377.60
		For 1" Mesh Fabric, Add	*1,713.60*	
		For 1-1/4" Mesh Fabric, Add	*1,103.00*	
		For 1-3/4" Mesh Fabric, Add	*685.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-342.72*	
		For Gate With Barb Wire Arm, Add	*433.32*	
		For Vinyl Coated, Add	*1,181.79*	
32 31 13 13-0595	EA	40' Long x 8' High Chain Link Galvanized Steel Sliding Gate	8,923.30	1,835.45
		For 1" Mesh Fabric, Add	*2,284.79*	
		For 1-1/4" Mesh Fabric, Add	*1,470.67*	
		For 1-3/4" Mesh Fabric, Add	*913.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-456.96*	
		For Gate With Barb Wire Arm, Add	*577.76*	
		For Vinyl Coated, Add	*1,575.72*	

32 31 13 13-0596 9' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0545)*

32 31 13 13-0597	EA	10' Long x 9' High Chain Link Galvanized Steel Sliding Gate	2,361.91	502.08
		For 1" Mesh Fabric, Add	*590.62*	
		For 1-1/4" Mesh Fabric, Add	*380.17*	
		For 1-3/4" Mesh Fabric, Add	*236.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-118.12*	
		For Gate With Barb Wire Arm, Add	*149.35*	
		For Vinyl Coated, Add	*407.33*	
32 31 13 13-0598	EA	12' Long x 9' High Chain Link Galvanized Steel Sliding Gate	2,830.57	600.66
		For 1" Mesh Fabric, Add	*708.75*	
		For 1-1/4" Mesh Fabric, Add	*456.21*	
		For 1-3/4" Mesh Fabric, Add	*283.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-141.75*	
		For Gate With Barb Wire Arm, Add	*179.22*	
		For Vinyl Coated, Add	*488.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0599	EA	14' Long x 9' High Chain Link Galvanized Steel Sliding Gate	3,302.10	700.61
		For 1" Mesh Fabric, Add	*826.87*	
		For 1-1/4" Mesh Fabric, Add	*532.24*	
		For 1-3/4" Mesh Fabric, Add	*330.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-165.37*	
		For Gate With Barb Wire Arm, Add	*209.09*	
		For Vinyl Coated, Add	*570.26*	
32 31 13 13-0600	EA	16' Long x 9' High Chain Link Galvanized Steel Sliding Gate	3,774.44	801.03
		For 1" Mesh Fabric, Add	*945.00*	
		For 1-1/4" Mesh Fabric, Add	*608.27*	
		For 1-3/4" Mesh Fabric, Add	*378.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-189.00*	
		For Gate With Barb Wire Arm, Add	*238.97*	
		For Vinyl Coated, Add	*651.72*	
32 31 13 13-0601	EA	18' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,246.14	901.08
		For 1" Mesh Fabric, Add	*1,063.12*	
		For 1-1/4" Mesh Fabric, Add	*684.31*	
		For 1-3/4" Mesh Fabric, Add	*425.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-212.62*	
		For Gate With Barb Wire Arm, Add	*268.84*	
		For Vinyl Coated, Add	*733.19*	
32 31 13 13-0602	EA	20' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,717.84	1,001.12
		For 1" Mesh Fabric, Add	*1,181.25*	
		For 1-1/4" Mesh Fabric, Add	*760.35*	
		For 1-3/4" Mesh Fabric, Add	*472.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-236.25*	
		For Gate With Barb Wire Arm, Add	*298.71*	
		For Vinyl Coated, Add	*814.66*	
32 31 13 13-0603	EA	24' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,637.22	1,201.22
		For 1" Mesh Fabric, Add	*1,407.10*	
		For 1-1/4" Mesh Fabric, Add	*905.72*	
		For 1-3/4" Mesh Fabric, Add	*562.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-281.42*	
		For Gate With Barb Wire Arm, Add	*355.82*	
		For Vinyl Coated, Add	*970.41*	
32 31 13 13-0604	EA	30' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,075.92	1,501.36
		For 1" Mesh Fabric, Add	*1,771.87*	
		For 1-1/4" Mesh Fabric, Add	*1,140.52*	
		For 1-3/4" Mesh Fabric, Add	*708.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-354.37*	
		For Gate With Barb Wire Arm, Add	*448.06*	
		For Vinyl Coated, Add	*1,221.98*	
32 31 13 13-0605	EA	40' Long x 9' High Chain Link Galvanized Steel Sliding Gate	9,437.85	2,003.45
		For 1" Mesh Fabric, Add	*2,362.50*	
		For 1-1/4" Mesh Fabric, Add	*1,520.69*	
		For 1-3/4" Mesh Fabric, Add	*945.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-472.50*	
		For Gate With Barb Wire Arm, Add	*597.41*	
		For Vinyl Coated, Add	*1,629.31*	

32 31 13 13-0606 10' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0545)*

32 31 13 13-0607	EA	10' Long x 10' High Chain Link Galvanized Steel Sliding Gate	2,520.73	552.29
		For 1" Mesh Fabric, Add	*616.03*	
		For 1-1/4" Mesh Fabric, Add	*396.52*	
		For 1-3/4" Mesh Fabric, Add	*246.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-123.21*	
		For Gate With Barb Wire Arm, Add	*155.78*	
		For Vinyl Coated, Add	*424.85*	
32 31 13 13-0608	EA	12' Long x 10' High Chain Link Galvanized Steel Sliding Gate	3,024.89	662.73
		For 1" Mesh Fabric, Add	*739.23*	
		For 1-1/4" Mesh Fabric, Add	*475.83*	
		For 1-3/4" Mesh Fabric, Add	*295.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-147.85*	
		For Gate With Barb Wire Arm, Add	*186.93*	
		For Vinyl Coated, Add	*509.82*	
32 31 13 13-0609	EA	14' Long x 10' High Chain Link Galvanized Steel Sliding Gate	3,529.41	773.36
		For 1" Mesh Fabric, Add	*862.44*	
		For 1-1/4" Mesh Fabric, Add	*555.13*	
		For 1-3/4" Mesh Fabric, Add	*344.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-172.49*	
		For Gate With Barb Wire Arm, Add	*218.09*	
		For Vinyl Coated, Add	*594.79*	
32 31 13 13-0610	EA	16' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,033.39	883.79
		For 1" Mesh Fabric, Add	*985.64*	
		For 1-1/4" Mesh Fabric, Add	*634.44*	
		For 1-3/4" Mesh Fabric, Add	*394.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-197.13*	
		For Gate With Barb Wire Arm, Add	*249.24*	
		For Vinyl Coated, Add	*679.76*	
32 31 13 13-0611	EA	18' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,537.32	994.14
		For 1" Mesh Fabric, Add	*1,108.85*	
		For 1-1/4" Mesh Fabric, Add	*713.74*	
		For 1-3/4" Mesh Fabric, Add	*443.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-221.77*	
		For Gate With Barb Wire Arm, Add	*280.40*	
		For Vinyl Coated, Add	*764.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0612	EA	20' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,041.47	1,104.57
		For 1" Mesh Fabric, Add	*1,232.05*	
		For 1-1/4" Mesh Fabric, Add	*793.05*	
		For 1-3/4" Mesh Fabric, Add	*492.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-246.41*	
		For Gate With Barb Wire Arm, Add	*311.55*	
		For Vinyl Coated, Add	*849.69*	
32 31 13 13-0613	EA	24' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,025.79	1,326.01
		For 1" Mesh Fabric, Add	*1,467.62*	
		For 1-1/4" Mesh Fabric, Add	*944.68*	
		For 1-3/4" Mesh Fabric, Add	*587.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-293.52*	
		For Gate With Barb Wire Arm, Add	*371.12*	
		For Vinyl Coated, Add	*1,012.15*	
32 31 13 13-0614	EA	30' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,562.20	1,656.86
		For 1" Mesh Fabric, Add	*1,848.08*	
		For 1-1/4" Mesh Fabric, Add	*1,189.57*	
		For 1-3/4" Mesh Fabric, Add	*739.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-369.62*	
		For Gate With Barb Wire Arm, Add	*467.33*	
		For Vinyl Coated, Add	*1,274.54*	
32 31 13 13-0615	EA	40' Long x 10' High Chain Link Galvanized Steel Sliding Gate	10,080.29	2,207.87
		For 1" Mesh Fabric, Add	*2,464.11*	
		For 1-1/4" Mesh Fabric, Add	*1,586.10*	
		For 1-3/4" Mesh Fabric, Add	*985.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-492.82*	
		For Gate With Barb Wire Arm, Add	*623.11*	
		For Vinyl Coated, Add	*1,699.39*	

32 31 13 13-0616 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller *(32 31 13 13-0262)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0020 for gate operators.

32 31 13 13-0617	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate	4,454.43	367.83
		For 1" Mesh Fabric, Add	*1,617.67*	
		For 1-1/4" Mesh Fabric, Add	*1,041.26*	
		For 1-3/4" Mesh Fabric, Add	*647.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-323.53*	
		For Gate With Single Barb Wire Arm, Add	*409.07*	
		For Gate With Double Barb Wire Arm, Add	*595.00*	
		For Aluminized Steel Gate And Post, Add	*1,785.01*	
		For Powder Coated Gate And Post, Add	*780.94*	
		For Vinyl Coated, Add	*1,115.63*	
32 31 13 13-0618	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate	4,891.49	459.78
		For 1" Mesh Fabric, Add	*1,727.79*	
		For 1-1/4" Mesh Fabric, Add	*1,112.14*	
		For 1-3/4" Mesh Fabric, Add	*691.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-345.56*	
		For Gate With Single Barb Wire Arm, Add	*436.91*	
		For Gate With Double Barb Wire Arm, Add	*635.51*	
		For Aluminized Steel Gate And Post, Add	*1,906.52*	
		For Powder Coated Gate And Post, Add	*834.10*	
		For Vinyl Coated, Add	*1,191.58*	
32 31 13 13-0619	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate	5,332.03	551.74
		For 1" Mesh Fabric, Add	*1,839.42*	
		For 1-1/4" Mesh Fabric, Add	*1,183.99*	
		For 1-3/4" Mesh Fabric, Add	*735.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-367.88*	
		For Gate With Single Barb Wire Arm, Add	*465.14*	
		For Gate With Double Barb Wire Arm, Add	*676.57*	
		For Aluminized Steel Gate And Post, Add	*2,029.70*	
		For Powder Coated Gate And Post, Add	*888.00*	
		For Vinyl Coated, Add	*1,268.57*	
32 31 13 13-0620	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate	6,263.65	735.65
		For 1" Mesh Fabric, Add	*2,084.68*	
		For 1-1/4" Mesh Fabric, Add	*1,341.86*	
		For 1-3/4" Mesh Fabric, Add	*833.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-416.94*	
		For Gate With Single Barb Wire Arm, Add	*527.16*	
		For Gate With Double Barb Wire Arm, Add	*766.78*	
		For Aluminized Steel Gate And Post, Add	*2,300.33*	
		For Powder Coated Gate And Post, Add	*1,006.40*	
		For Vinyl Coated, Add	*1,437.71*	
32 31 13 13-0621	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate	5,826.20	735.65
		For 1" Mesh Fabric, Add	*1,894.39*	
		For 1-1/4" Mesh Fabric, Add	*1,219.37*	
		For 1-3/4" Mesh Fabric, Add	*757.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-378.88*	
		For Gate With Single Barb Wire Arm, Add	*479.04*	
		For Gate With Double Barb Wire Arm, Add	*696.79*	
		For Aluminized Steel Gate And Post, Add	*2,090.36*	
		For Powder Coated Gate And Post, Add	*914.53*	
		For Vinyl Coated, Add	*1,306.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0622	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate	6,835.58	965.54
		For 1" Mesh Fabric, Add	*2,133.46*	
		For 1-1/4" Mesh Fabric, Add	*1,373.26*	
		For 1-3/4" Mesh Fabric, Add	*853.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-426.69*	
		For Gate With Single Barb Wire Arm, Add	*539.50*	
		For Gate With Double Barb Wire Arm, Add	*784.72*	
		For Aluminized Steel Gate And Post, Add	*2,354.16*	
		For Powder Coated Gate And Post, Add	*1,029.95*	
		For Vinyl Coated, Add	*1,471.35*	
32 31 13 13-0623	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate	9,056.77	1,195.43
		For 1" Mesh Fabric, Add	*2,899.67*	
		For 1-1/4" Mesh Fabric, Add	*1,866.45*	
		For 1-3/4" Mesh Fabric, Add	*1,159.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-579.93*	
		For Gate With Single Barb Wire Arm, Add	*733.25*	
		For Gate With Double Barb Wire Arm, Add	*1,066.55*	
		For Aluminized Steel Gate And Post, Add	*3,199.64*	
		For Powder Coated Gate And Post, Add	*1,399.84*	
		For Vinyl Coated, Add	*1,999.77*	
32 31 13 13-0624	EA	6' High x 30' Wide Galvanized Cantilever Sliding Gate	10,207.30	1,425.32
		For 1" Mesh Fabric, Add	*3,200.15*	
		For 1-1/4" Mesh Fabric, Add	*2,059.86*	
		For 1-3/4" Mesh Fabric, Add	*1,280.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-640.03*	
		For Gate With Single Barb Wire Arm, Add	*809.23*	
		For Gate With Double Barb Wire Arm, Add	*1,177.07*	
		For Aluminized Steel Gate And Post, Add	*3,531.20*	
		For Powder Coated Gate And Post, Add	*1,544.90*	
		For Vinyl Coated, Add	*2,207.00*	
32 31 13 13-0625	EA	8' High x 15' Wide Galvanized Cantilever Sliding Gate	6,821.60	919.57
		For 1" Mesh Fabric, Add	*2,167.38*	
		For 1-1/4" Mesh Fabric, Add	*1,395.09*	
		For 1-3/4" Mesh Fabric, Add	*866.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-433.48*	
		For Gate With Single Barb Wire Arm, Add	*548.07*	
		For Gate With Double Barb Wire Arm, Add	*797.20*	
		For Aluminized Steel Gate And Post, Add	*2,391.59*	
		For Powder Coated Gate And Post, Add	*1,046.32*	
		For Vinyl Coated, Add	*1,494.74*	
32 31 13 13-0626	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate	8,093.16	1,241.41
		For 1" Mesh Fabric, Add	*2,440.50*	
		For 1-1/4" Mesh Fabric, Add	*1,570.90*	
		For 1-3/4" Mesh Fabric, Add	*976.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-488.10*	
		For Gate With Single Barb Wire Arm, Add	*617.14*	
		For Gate With Double Barb Wire Arm, Add	*897.65*	
		For Aluminized Steel Gate And Post, Add	*2,692.96*	
		For Powder Coated Gate And Post, Add	*1,178.17*	
		For Vinyl Coated, Add	*1,683.10*	
32 31 13 13-0627	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate	10,751.72	1,563.26
		For 1" Mesh Fabric, Add	*3,316.97*	
		For 1-1/4" Mesh Fabric, Add	*2,135.06*	
		For 1-3/4" Mesh Fabric, Add	*1,326.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-663.39*	
		For Gate With Single Barb Wire Arm, Add	*838.77*	
		For Gate With Double Barb Wire Arm, Add	*1,220.03*	
		For Aluminized Steel Gate And Post, Add	*3,660.10*	
		For Powder Coated Gate And Post, Add	*1,601.29*	
		For Vinyl Coated, Add	*2,287.56*	
32 31 13 13-0628	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate	12,092.66	1,839.12
		For 1" Mesh Fabric, Add	*3,660.27*	
		For 1-1/4" Mesh Fabric, Add	*2,356.03*	
		For 1-3/4" Mesh Fabric, Add	*1,464.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-732.05*	
		For Gate With Single Barb Wire Arm, Add	*925.59*	
		For Gate With Double Barb Wire Arm, Add	*1,346.31*	
		For Aluminized Steel Gate And Post, Add	*4,038.92*	
		For Powder Coated Gate And Post, Add	*1,767.03*	
		For Vinyl Coated, Add	*2,524.32*	

32 31 13 13-0629 Gate Accessories *(32 31 13 13-0262)*

32 31 13 13-0630	EA	Gate Center Stop, Cast Steel, Ground	28.73	
32 31 13 13-0631	EA	Gate Latch, Malleable Galvanized Steel	33.42	
32 31 13 13-0632	EA	Gate Keeper, Full Length, Galvanized Steel	147.57	
32 31 13 13-0633	EA	Gate Keeper Hold-Open For Cantilever Gate	72.93	15.05
32 31 13 13-0634	EA	Heavy Duty Gate Latch, Malleable Galvanized Steel	41.43	
32 31 13 13-0635	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate	780.97	
32 31 13 13-0636	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	837.38	
32 31 13 13-0637	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	893.78	
32 31 13 13-0638	LF	Aluminum V-Groove Gate Track	42.58	8.59
32 31 13 13-0639	LF	Galvanized Steel V-Groove Gate Track	34.90	11.67

32 31 13 13-0640 Accessories *(32 31 13 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0641		**Barbed And Concertina Wire** *(32 31 13 13-0640)*		
32 31 13 13-0642		**Single Strand Barbed Wire** *(32 31 13 13-0641)*		
32 31 13 13-0643	LF	Galvanized Barbed Wire, Per Strand Note: Includes clips. 4 points 12-1/2 Gauge, Class I.	0.84	0.39
		For >500 To 2,000, Deduct	*-0.08*	
		For >2,000, Deduct	*-0.12*	
32 31 13 13-0644	LF	Vinyl Coated Barbed Wire (Fused), Per Strand Note: Includes clips.	0.93	0.39
		For >500 To 2,000, Deduct	*-0.09*	
		For >2,000, Deduct	*-0.13*	
32 31 13 13-0645	EA	Barbed Wire Extension Arms 3 Strands (Single Arm)	8.78	6.33
32 31 13 13-0646	EA	Barbed Wire Extension Arms 6 Strands (Double Arm)	13.62	7.61
32 31 13 13-0647	EA	Barbed Wire Eye Tops (For Single Strand)	9.34	6.33
32 31 13 13-0648		**Galvanized Steel Concertina (Razor) Wire, Single Coil** *(32 31 13 13-0641)*		
32 31 13 13-0649	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	2.80	0.56
		For >500 To 1,500, Deduct	*-0.25*	
		For >1,500 To 5,000, Deduct	*-0.50*	
		For >5,000, Deduct	*-0.72*	
		For Ground Installation, Deduct	*-0.40*	
		For Double Coil (Helix), Add	*2.01*	
32 31 13 13-0650	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	4.20	0.56
		For >500 To 1,500, Deduct	*-0.37*	
		For >1,500 To 5,000, Deduct	*-0.75*	
		For >5,000, Deduct	*-1.08*	
		For Ground Installation, Deduct	*-0.59*	
		For Double Coil (Helix), Add	*3.02*	
32 31 13 13-0651	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	5.59	0.56
		For >500 To 1,500, Deduct	*-0.50*	
		For >1,500 To 5,000, Deduct	*-1.00*	
		For >5,000, Deduct	*-1.44*	
		For Ground Installation, Deduct	*-0.79*	
		For Double Coil (Helix), Add	*4.01*	
32 31 13 13-0652	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.45	0.56
		For >500 To 1,500, Deduct	*-0.30*	
		For >1,500 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-0.87*	
		For Ground Installation, Deduct	*-0.44*	
		For Double Coil (Helix), Add	*2.57*	
32 31 13 13-0653	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	5.21	0.56
		For >500 To 1,500, Deduct	*-0.46*	
		For >1,500 To 5,000, Deduct	*-0.91*	
		For >5,000, Deduct	*-1.31*	
		For Ground Installation, Deduct	*-0.66*	
		For Double Coil (Helix), Add	*3.89*	
32 31 13 13-0654	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	6.88	0.56
		For >500 To 1,500, Deduct	*-0.60*	
		For >1,500 To 5,000, Deduct	*-1.21*	
		For >5,000, Deduct	*-1.73*	
		For Ground Installation, Deduct	*-0.87*	
		For Double Coil (Helix), Add	*5.14*	
32 31 13 13-0655	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	8.63	0.56
		For >500 To 1,500, Deduct	*-0.70*	
		For >1,500 To 5,000, Deduct	*-1.39*	
		For >5,000, Deduct	*-1.92*	
		For Ground Installation, Deduct	*-0.50*	
		For Double Coil (Helix), Add	*7.64*	
32 31 13 13-0656	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	13.05	0.56
		For >500 To 1,500, Deduct	*-1.05*	
		For >1,500 To 5,000, Deduct	*-2.11*	
		For >5,000, Deduct	*-2.91*	
		For Ground Installation, Deduct	*-0.75*	
		For Double Coil (Helix), Add	*11.56*	
32 31 13 13-0657	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	17.25	0.56
		For >500 To 1,500, Deduct	*-1.39*	
		For >1,500 To 5,000, Deduct	*-2.79*	
		For >5,000, Deduct	*-3.85*	
		For Ground Installation, Deduct	*-0.99*	
		For Double Coil (Helix), Add	*15.27*	
32 31 13 13-0658		**Stainless Steel Concertina (Razor) Wire, Single Coil** *(32 31 13 13-0641)*		
32 31 13 13-0659	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.53	0.56
		For >500 To 1,500, Deduct	*-0.30*	
		For >1,500 To 5,000, Deduct	*-0.61*	
		For >5,000, Deduct	*-0.87*	
		For Ground Installation, Deduct	*-0.40*	
		For Double Coil (Helix), Add	*2.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0660	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	5.30	0.56
		For >500 To 1,500, Deduct	*-0.46*	
		For >1,500 To 5,000, Deduct	*-0.91*	
		For >5,000, Deduct	*-1.30*	
		For Ground Installation, Deduct	*-0.59*	
		For Double Coil (Helix), Add	*4.12*	
32 31 13 13-0661	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	7.04	0.56
		For >500 To 1,500, Deduct	*-0.61*	
		For >1,500 To 5,000, Deduct	*-1.21*	
		For >5,000, Deduct	*-1.73*	
		For Ground Installation, Deduct	*-0.79*	
		For Double Coil (Helix), Add	*5.46*	
32 31 13 13-0662	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	4.42	0.56
		For >500 To 1,500, Deduct	*-0.38*	
		For >1,500 To 5,000, Deduct	*-0.75*	
		For >5,000, Deduct	*-1.06*	
		For Ground Installation, Deduct	*-0.44*	
		For Double Coil (Helix), Add	*3.54*	
32 31 13 13-0663	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	6.67	0.56
		For >500 To 1,500, Deduct	*-0.57*	
		For >1,500 To 5,000, Deduct	*-1.13*	
		For >5,000, Deduct	*-1.60*	
		For Ground Installation, Deduct	*-0.66*	
		For Double Coil (Helix), Add	*5.35*	
32 31 13 13-0664	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	8.81	0.56
		For >500 To 1,500, Deduct	*-0.75*	
		For >1,500 To 5,000, Deduct	*-1.50*	
		For >5,000, Deduct	*-2.11*	
		For Ground Installation, Deduct	*-0.87*	
		For Double Coil (Helix), Add	*7.07*	
32 31 13 13-0665	LF	30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	12.29	0.56
		For >500 To 1,500, Deduct	*-0.97*	
		For >1,500 To 5,000, Deduct	*-1.94*	
		For >5,000, Deduct	*-2.66*	
		For Ground Installation, Deduct	*-0.50*	
		For Double Coil (Helix), Add	*11.30*	
32 31 13 13-0666	LF	30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	18.60	0.56
		For >500 To 1,500, Deduct	*-1.47*	
		For >1,500 To 5,000, Deduct	*-2.94*	
		For >5,000, Deduct	*-4.02*	
		For Ground Installation, Deduct	*-0.75*	
		For Double Coil (Helix), Add	*17.11*	
32 31 13 13-0667	LF	30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	24.58	0.56
		For >500 To 1,500, Deduct	*-1.94*	
		For >1,500 To 5,000, Deduct	*-3.89*	
		For >5,000, Deduct	*-5.31*	
		For Ground Installation, Deduct	*-0.99*	
		For Double Coil (Helix), Add	*22.60*	

32 31 13 13-0668 Grounding For Gates *(32 31 13 13-0640)*

Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.

32 31 13 13-0669	OPN	Grounding For Gates (Per Opening)	389.58	

32 31 13 13-0670 Coiled Spring Reinforcing Wire *(32 31 13 13-0640)*

32 31 13 13-0671 Galvanized Steel *(32 31 13 13-0670)*

32 31 13 13-0672	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	0.92	0.39

32 31 13 13-0673 Vinyl Coated Steel *(32 31 13 13-0670)*

32 31 13 13-0674	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	0.92	0.39

32 31 13 13-0675 Bending Of Fabric Around Pipe Railings *(32 31 13 13-0640)*

Note: Only where specified.

32 31 13 13-0676	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.26	
32 31 13 13-0677	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.10	

32 31 13 13-0678 Mounting Plate With Anchors Or Bolts *(32 31 13 13-0640)*

Note: For drilling for anchor or bolts, installing post on or against flat surface.

32 31 13 13-0679	EA	Mounting Plate For 1-5/8" Diameter Post	30.43	
32 31 13 13-0680	EA	Mounting Plate For 2" Diameter Post	30.87	
32 31 13 13-0681	EA	Mounting Plate For 2-1/2" Diameter Post	31.82	
32 31 13 13-0682	EA	Mounting Plate For 3" Diameter Post	37.95	
32 31 13 13-0683	EA	Mounting Plate For 4" Diameter Post	43.39	
32 31 13 13-0684	EA	Mounting Plate For 6-5/8" Diameter Post	49.94	
32 31 13 13-0685	EA	Mounting Plate For 8-5/8" Diameter Post	58.57	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0686		Tension Bar *(32 31 13 13-0640)*		
32 31 13 13-0687	EA	3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	11.27	
32 31 13 13-0688	EA	3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	11.95	
32 31 13 13-0689	EA	4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	14.34	
32 31 13 13-0690	EA	5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	16.46	
32 31 13 13-0691	EA	6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	19.21	
32 31 13 13-0692	EA	7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	22.05	
32 31 13 13-0693	EA	8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	24.87	
32 31 13 13-0694	EA	9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	29.51	
32 31 13 13-0695	EA	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	35.25	
32 31 13 13-0696		Fence And Gate Repair And Replacement *(32 31 13 13)*		
32 31 13 13-0697		Fence And Gate Parts Replacement *(32 31 13 13-0696)*		
32 31 13 13-0698	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	89.40	
32 31 13 13-0699	EA	Sliding Gate Roller Assembly Replacement	89.47	
32 31 13 13-0700	EA	Rod And Lock Gate Keeper Replacement	87.90	
32 31 13 13-0701	EA	Galvanized Gate Holdback Replacement	20.84	
32 31 13 13-0702	LF	3/8" Cross Bracing Rod Replacement	1.15	
32 31 13 13-0703	LF	1-5/8" Diagonal Pipe Bracing Replacement	1.78	
32 31 13 13-0704	EA	2-3/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	21.68	
32 31 13 13-0705	EA	3" Diameter Cast Steel Gate Hinge With Bolts, Replacement	23.56	
32 31 13 13-0706	EA	4" Diameter Cast Steel Gate Hinge With Bolts, Replacement	25.88	
32 31 13 13-0707	EA	6-5/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	56.70	
32 31 13 13-0708	EA	8-5/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	69.67	
32 31 13 13-0709	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	18.88	
32 31 13 13-0710	EA	3" x 2" Off Set Gate Hinge Replacement	19.73	
32 31 13 13-0711	EA	4" x 2" Off Set Gate Hinge Replacement	21.08	
32 31 13 13-0712	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	33.12	
32 31 13 13-0713	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	50.86	
32 31 13 13-0714	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement	4.34	
32 31 13 13-0715	EA	2" Aluminum Die-Cast Post Cap Replacement	4.74	
32 31 13 13-0716	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement	5.45	
32 31 13 13-0717	EA	3" Aluminum Die-Cast Post Cap Replacement	6.28	
32 31 13 13-0718	EA	2" Galvanized Post Cap Replacement	4.95	
32 31 13 13-0719	EA	2-1/2" Galvanized Post Cap Replacement	5.37	
32 31 13 13-0720	EA	3" Galvanized Post Cap Replacement	6.13	
32 31 13 13-0721	EA	4" Galvanized Post Cap Replacement	8.77	
32 31 13 13-0722	EA	6-5/8" Galvanized Post Cap Replacement	15.57	
32 31 13 13-0723	EA	8-5/8" Galvanized Post Cap Replacement	25.12	
32 31 13 13-0724	EA	1-5/8" Boulevard Clamp Replacement	8.38	
32 31 13 13-0725	EA	2" Boulevard Clamp Replacement	10.19	
32 31 13 13-0726	EA	2-1/2" Boulevard Clamp Replacement	11.96	
32 31 13 13-0727	EA	3" Boulevard Clamp Replacement	14.53	
32 31 13 13-0728	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	8.24	
32 31 13 13-0729	EA	2" Gate Brace Or End Rail Clamp Replacement	10.00	
32 31 13 13-0730	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	11.77	
32 31 13 13-0731	EA	3" Gate Brace Or End Rail Clamp Replacement	14.33	
32 31 13 13-0732	EA	1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.52	
32 31 13 13-0733	EA	1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.58	
32 31 13 13-0734	EA	2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.74	
32 31 13 13-0735	EA	2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.67	
32 31 13 13-0736	EA	3" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.79	
32 31 13 13-0737	EA	3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	8.89	
32 31 13 13-0738	EA	4" Heavy Duty Galvanized Tension Band With Bolt, Replacement	9.18	
32 31 13 13-0739	EA	6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	11.32	
32 31 13 13-0740		Remove And Reinstall Chain Link Fences *(32 31 13 13)* Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.		
32 31 13 13-0741	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height	15.84	
32 31 13 13-0742	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	23.76	
32 31 16		**Welded Wire Fences And Gates** *(32 31)*		
32 31 16 00-0001		Welded Wire Fence *(32 31 16)*		
32 31 16 00-0002		12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0003	LF	3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	7.63	1.42
32 31 16 00-0004	LF	5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	8.12	1.42
32 31 16 00-0005		14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0006	LF	3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	7.53	1.42
32 31 16 00-0007	LF	5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	7.97	1.42
32 31 19		**Decorative Metal Fences And Gates** *(32 31)* See CSI section 32 31 13 13-0001 for drilling and grouting.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0001		**Wrought Iron Fence** *(32 31 19)* Note: Factory primed.		
32 31 19 00-0002		**Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center** *(32 31 19 00-0001)* Note: Factory primed.		
32 31 19 00-0003	LF	3' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	38.26	8.71
		For Verticals Up To 2" On Center, Add	*4.17*	
		For Verticals >2" To 2-1/2" On Center, Add	*2.08*	
		For Verticals >3" To 4" On Center, Deduct	*-2.08*	
		For Verticals >4" To 6" On Center, Deduct	*-4.17*	
32 31 19 00-0004	LF	4' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	49.01	11.09
		For Verticals Up To 2" On Center, Add	*5.52*	
		For Verticals >2" To 2-1/2" On Center, Add	*2.76*	
		For Verticals >3" To 4" On Center, Deduct	*-2.76*	
		For Verticals >4" To 6" On Center, Deduct	*-5.52*	
32 31 19 00-0005	LF	5' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	58.11	11.57
		For Verticals Up To 2" On Center, Add	*6.96*	
		For Verticals >2" To 2-1/2" On Center, Add	*3.48*	
		For Verticals >3" To 4" On Center, Deduct	*-3.48*	
		For Verticals >4" To 6" On Center, Deduct	*-6.96*	
32 31 19 00-0006	LF	6' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	70.33	13.94
		For Verticals Up To 2" On Center, Add	*8.48*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.24*	
		For Verticals >3" To 4" On Center, Deduct	*-4.24*	
		For Verticals >4" To 6" On Center, Deduct	*-8.48*	
32 31 19 00-0007	LF	7' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	82.18	14.76
		For Verticals Up To 2" On Center, Add	*10.54*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.27*	
		For Verticals >3" To 4" On Center, Deduct	*-5.27*	
		For Verticals >4" To 6" On Center, Deduct	*-10.54*	
32 31 19 00-0008	LF	8' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	94.02	15.53
		For Verticals Up To 2" On Center, Add	*12.59*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.30*	
		For Verticals >3" To 4" On Center, Deduct	*-6.30*	
		For Verticals >4" To 6" On Center, Deduct	*-12.59*	
32 31 19 00-0009	LF	10' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	114.17	17.43
		For Verticals Up To 2" On Center, Add	*15.86*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.93*	
		For Verticals >3" To 4" On Center, Deduct	*-7.93*	
		For Verticals >4" To 6" On Center, Deduct	*-15.86*	
32 31 19 00-0010	LF	12' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	134.84	19.80
		For Verticals Up To 2" On Center, Add	*19.05*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.52*	
		For Verticals >3" To 4" On Center, Deduct	*-9.52*	
		For Verticals >4" To 6" On Center, Deduct	*-19.05*	
32 31 19 00-0011		**Wrought Iron Gates** *(32 31 19 00-0001)* Note: Factory primed.		
32 31 19 00-0012		**Single Wrought Iron Gates** *(32 31 19 00-0011)* Note: Factory primed.		
32 31 19 00-0013	LF	3' Single Wrought Iron Gate, Hardware And Associated Trim	47.06	10.62
32 31 19 00-0014	LF	4' Single Wrought Iron Gate, Hardware And Associated Trim	61.75	13.15
32 31 19 00-0015	LF	5' Single Wrought Iron Gate, Hardware And Associated Trim	75.35	15.84
32 31 19 00-0016	LF	6' Single Wrought Iron Gate, Hardware And Associated Trim	91.53	19.01
32 31 19 00-0017	LF	8' Single Wrought Iron Gate, Hardware And Associated Trim	122.18	21.07
32 31 19 00-0018	LF	10' Single Wrought Iron Gate, Hardware And Associated Trim	147.59	23.29
32 31 19 00-0019	LF	12' Single Wrought Iron Gate, Hardware And Associated Trim	172.54	26.46
32 31 19 00-0020		**Double Wrought Iron Gates** *(32 31 19 00-0011)* Note: Factory primed.		
32 31 19 00-0021	LF	3' Double Wrought Iron Gate, Hardware And Associated Trim	57.47	9.51
32 31 19 00-0022	LF	4' Double Wrought Iron Gate, Hardware And Associated Trim	75.40	11.88
32 31 19 00-0023	LF	5' Double Wrought Iron Gate, Hardware And Associated Trim	91.64	14.25
32 31 19 00-0024	LF	6' Double Wrought Iron Gate, Hardware And Associated Trim	111.00	17.11
32 31 19 00-0025	LF	8' Double Wrought Iron Gate, Hardware And Associated Trim	148.85	19.01
32 31 19 00-0026	LF	10' Double Wrought Iron Gate, Hardware And Associated Trim	180.12	20.91
32 31 19 00-0027	LF	12' Double Wrought Iron Gate, Hardware And Associated Trim	210.93	23.76
32 31 19 00-0028		**Repair Or Replace Wrought Iron Fence** *(32 31 19 00-0001)*		
32 31 19 00-0029	LF	Replace Wrought Iron Picket	15.39	
32 31 19 00-0030	LF	Replace Wrought Iron Post	22.88	
32 31 19 00-0031	EA	Straighten Wrought Iron Post	63.36	
32 31 19 00-0032		**Steel Tube Fence, Powder Coated** *(32 31 19)* Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0033		**Steel Tube Fence, 2 Rail** *(32 31 19 00-0032)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0034	LF	3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	55.82	8.71
		For Verticals Up To 2" On Center, Add	*7.75*	
		For Verticals >2" To 2-1/2" On Center, Add	*3.88*	
		For Verticals >3" To 4" On Center, Deduct	*-3.88*	
		For Verticals >4" To 6" On Center, Deduct	*-7.75*	
		For Solid Pickets, Add	*11.28*	
		For Aluminum With Satin Finish, Add	*9.06*	
		For Third Rail, Add	*2.91*	
		For 1" Square x 14 Gauge Pickets, Add	*9.69*	
		For 3" Square Posts, Add	*3.88*	
32 31 19 00-0035	LF	3'-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	59.74	9.32
		For Verticals Up To 2" On Center, Add	*8.22*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.11*	
		For Verticals >3" To 4" On Center, Deduct	*-4.11*	
		For Verticals >4" To 6" On Center, Deduct	*-8.22*	
		For Solid Pickets, Add	*12.04*	
		For Aluminum With Satin Finish, Add	*9.54*	
		For Third Rail, Add	*3.08*	
		For 1" Square x 14 Gauge Pickets, Add	*10.28*	
		For 3" Square Posts, Add	*4.11*	
32 31 19 00-0036	LF	4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	63.22	10.29
		For Verticals Up To 2" On Center, Add	*8.61*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.30*	
		For Verticals >3" To 4" On Center, Deduct	*-4.30*	
		For Verticals >4" To 6" On Center, Deduct	*-8.61*	
		For Solid Pickets, Add	*12.71*	
		For Aluminum With Satin Finish, Add	*9.89*	
		For Third Rail, Add	*3.23*	
		For 1" Square x 14 Gauge Pickets, Add	*10.76*	
		For 3" Square Posts, Add	*4.30*	
32 31 19 00-0037	LF	5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	67.41	11.57
		For Verticals Up To 2" On Center, Add	*8.82*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.41*	
		For Verticals >3" To 4" On Center, Deduct	*-4.41*	
		For Verticals >4" To 6" On Center, Deduct	*-8.82*	
		For Solid Pickets, Add	*13.42*	
		For Aluminum With Satin Finish, Add	*9.74*	
		For Third Rail, Add	*3.31*	
		For 1" Square x 14 Gauge Pickets, Add	*11.03*	
		For 3" Square Posts, Add	*4.41*	
32 31 19 00-0038	LF	6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	78.13	13.07
		For Verticals Up To 2" On Center, Add	*10.40*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.20*	
		For Verticals >3" To 4" On Center, Deduct	*-5.20*	
		For Verticals >4" To 6" On Center, Deduct	*-10.40*	
		For Solid Pickets, Add	*15.62*	
		For Aluminum With Satin Finish, Add	*11.68*	
		For Third Rail, Add	*3.90*	
		For 1" Square x 14 Gauge Pickets, Add	*13.00*	
		For 3" Square Posts, Add	*5.20*	
32 31 19 00-0039	LF	7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	89.44	14.25
		For Verticals Up To 2" On Center, Add	*12.18*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.09*	
		For Verticals >3" To 4" On Center, Deduct	*-6.09*	
		For Verticals >4" To 6" On Center, Deduct	*-12.18*	
		For Solid Pickets, Add	*17.99*	
		For Aluminum With Satin Finish, Add	*14.00*	
		For Third Rail, Add	*4.57*	
		For 1" Square x 14 Gauge Pickets, Add	*15.23*	
		For 4" Square Posts, Add	*21.32*	
32 31 19 00-0040	LF	8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	100.89	15.53
		For Verticals Up To 2" On Center, Add	*13.97*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.98*	
		For Verticals >3" To 4" On Center, Deduct	*-6.98*	
		For Verticals >4" To 6" On Center, Deduct	*-13.97*	
		For Solid Pickets, Add	*20.37*	
		For Aluminum With Satin Finish, Add	*16.29*	
		For Third Rail, Add	*5.24*	
		For 1" Square x 14 Gauge Pickets, Add	*17.46*	
		For 4" Square Posts, Add	*24.44*	
32 31 19 00-0041	LF	9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	117.25	16.64
		For Verticals Up To 2" On Center, Add	*16.80*	
		For Verticals >2" To 2-1/2" On Center, Add	*8.40*	
		For Verticals >3" To 4" On Center, Deduct	*-8.40*	
		For Verticals >4" To 6" On Center, Deduct	*-16.80*	
		For Solid Pickets, Add	*23.89*	
		For Aluminum With Satin Finish, Add	*20.20*	
		For Third Rail, Add	*6.30*	
		For 1" Square x 14 Gauge Pickets, Add	*21.00*	
		For 4" Square Posts, Add	*29.39*	
32 31 19 00-0042	LF	10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	133.76	17.82
		For Verticals Up To 2" On Center, Add	*19.62*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.81*	
		For Verticals >3" To 4" On Center, Deduct	*-9.81*	
		For Verticals >4" To 6" On Center, Deduct	*-19.62*	
		For Solid Pickets, Add	*27.42*	
		For Aluminum With Satin Finish, Add	*24.09*	
		For Third Rail, Add	*7.36*	
		For 1" Square x 14 Gauge Pickets, Add	*24.53*	
		For 6" Square Posts, Add	*34.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0043	LF	12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	157.51	19.80
		For Verticals Up To 2" On Center, Add	*23.58*	
		For Verticals >2" To 2-1/2" On Center, Add	*11.79*	
		For Verticals >3" To 4" On Center, Deduct	*-11.79*	
		For Verticals >4" To 6" On Center, Deduct	*-23.58*	
		For Solid Pickets, Add	*32.47*	
		For Aluminum With Satin Finish, Add	*29.43*	
		For Third Rail, Add	*8.84*	
		For 1" Square x 14 Gauge Pickets, Add	*29.48*	
		For 6" Square Posts, Add	*41.27*	
32 31 19 00-0044	LF	14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	168.73	21.39
		For Verticals Up To 2" On Center, Add	*25.19*	
		For Verticals >2" To 2-1/2" On Center, Add	*12.60*	
		For Verticals >3" To 4" On Center, Deduct	*-12.60*	
		For Verticals >4" To 6" On Center, Deduct	*-25.19*	
		For Solid Pickets, Add	*34.76*	
		For Aluminum With Satin Finish, Add	*31.37*	
		For Third Rail, Add	*9.45*	
		For 1" Square x 14 Gauge Pickets, Add	*31.49*	
		For 6" Square Posts, Add	*44.09*	

32 31 19 00-0045 Steel Tube Swing Gates *(32 31 19 00-0032)*

32 31 19 00-0046 3' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0047	EA	3' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	516.88	16.87
		For Solid Pickets, Add	*112.50*	
		For Aluminum With Satin Finish, Add	*132.25*	
		For Third Rail, Add	*34.96*	
		For 1" Square x 14 Gauge Pickets, Add	*46.62*	
32 31 19 00-0048	EA	3'-6" Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	574.85	17.66
		For Solid Pickets, Add	*125.36*	
		For Aluminum With Satin Finish, Add	*148.57*	
		For Third Rail, Add	*39.13*	
		For 1" Square x 14 Gauge Pickets, Add	*52.18*	
32 31 19 00-0049	EA	4' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	636.14	18.69
		For Solid Pickets, Add	*138.91*	
		For Aluminum With Satin Finish, Add	*165.53*	
		For Third Rail, Add	*43.49*	
		For 1" Square x 14 Gauge Pickets, Add	*57.99*	
32 31 19 00-0050	EA	5' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	669.16	20.04
		For Solid Pickets, Add	*146.05*	
		For Aluminum With Satin Finish, Add	*173.66*	
		For Third Rail, Add	*45.67*	
		For 1" Square x 14 Gauge Pickets, Add	*60.90*	
32 31 19 00-0051	EA	6' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	748.00	24.00
		For Solid Pickets, Add	*162.89*	
		For Aluminum With Satin Finish, Add	*191.96*	
		For Third Rail, Add	*50.69*	
		For 1" Square x 14 Gauge Pickets, Add	*67.59*	
32 31 19 00-0052	EA	7' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	796.52	27.96
		For Solid Pickets, Add	*172.92*	
		For Aluminum With Satin Finish, Add	*201.17*	
		For Third Rail, Add	*53.44*	
		For 1" Square x 14 Gauge Pickets, Add	*71.26*	
32 31 19 00-0053	EA	8' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	869.84	32.15
		For Solid Pickets, Add	*188.47*	
		For Aluminum With Satin Finish, Add	*217.46*	
		For Third Rail, Add	*57.99*	
		For 1" Square x 14 Gauge Pickets, Add	*77.32*	
32 31 19 00-0054	EA	9' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	933.52	36.11
		For Solid Pickets, Add	*201.90*	
		For Aluminum With Satin Finish, Add	*231.22*	
		For Third Rail, Add	*61.88*	
		For 1" Square x 14 Gauge Pickets, Add	*82.50*	
32 31 19 00-0055	EA	10' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	989.62	40.07
		For Solid Pickets, Add	*213.63*	
		For Aluminum With Satin Finish, Add	*242.71*	
		For Third Rail, Add	*65.19*	
		For 1" Square x 14 Gauge Pickets, Add	*86.92*	
32 31 19 00-0056	EA	6' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,080.39	33.74
		For Solid Pickets, Add	*235.48*	
		For Aluminum With Satin Finish, Add	*278.50*	
		For Third Rail, Add	*73.43*	
		For 1" Square x 14 Gauge Pickets, Add	*97.90*	
32 31 19 00-0057	EA	7' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,150.96	35.33
		For Solid Pickets, Add	*251.01*	
		For Aluminum With Satin Finish, Add	*297.53*	
		For Third Rail, Add	*78.36*	
		For 1" Square x 14 Gauge Pickets, Add	*104.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0058	EA	8' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,272.28	37.47
		For Solid Pickets, Add	*277.83*	
		For Aluminum With Satin Finish, Add	*331.07*	
		For Third Rail, Add	*86.99*	
		For 1" Square x 14 Gauge Pickets, Add	*115.98*	
32 31 19 00-0059	EA	9' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,333.09	38.81
		For Solid Pickets, Add	*291.21*	
		For Aluminum With Satin Finish, Add	*347.53*	
		For Third Rail, Add	*91.25*	
		For 1" Square x 14 Gauge Pickets, Add	*121.67*	
32 31 19 00-0060	EA	10' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,382.54	40.07
		For Solid Pickets, Add	*302.04*	
		For Aluminum With Satin Finish, Add	*360.58*	
		For Third Rail, Add	*94.66*	
		For 1" Square x 14 Gauge Pickets, Add	*126.21*	
32 31 19 00-0061	EA	12' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,556.64	47.99
		For Solid Pickets, Add	*339.43*	
		For Aluminum With Satin Finish, Add	*402.12*	
		For Third Rail, Add	*105.94*	
		For 1" Square x 14 Gauge Pickets, Add	*141.25*	
32 31 19 00-0062	EA	14' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,706.74	55.91
		For Solid Pickets, Add	*371.42*	
		For Aluminum With Satin Finish, Add	*436.46*	
		For Third Rail, Add	*115.41*	
		For 1" Square x 14 Gauge Pickets, Add	*153.88*	
32 31 19 00-0063	EA	16' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,833.15	64.39
		For Solid Pickets, Add	*397.96*	
		For Aluminum With Satin Finish, Add	*462.98*	
		For Third Rail, Add	*122.99*	
		For 1" Square x 14 Gauge Pickets, Add	*163.99*	
32 31 19 00-0064	EA	18' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,939.03	72.24
		For Solid Pickets, Add	*420.01*	
		For Aluminum With Satin Finish, Add	*484.05*	
		For Third Rail, Add	*129.15*	
		For 1" Square x 14 Gauge Pickets, Add	*172.20*	
32 31 19 00-0065	EA	20' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,025.96	80.16
		For Solid Pickets, Add	*437.78*	
		For Aluminum With Satin Finish, Add	*499.44*	
		For Third Rail, Add	*133.89*	
		For 1" Square x 14 Gauge Pickets, Add	*178.52*	

32 31 19 00-0066 4' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0067	EA	3' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	596.72	15.84
		For Solid Pickets, Add	*130.25*	
		For Aluminum With Satin Finish, Add	*154.96*	
		For Third Rail, Add	*40.74*	
		For 1" Square x 14 Gauge Pickets, Add	*54.33*	
32 31 19 00-0068	EA	3'-6" Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	645.45	18.46
		For Solid Pickets, Add	*141.07*	
		For Aluminum With Satin Finish, Add	*168.69*	
		For Third Rail, Add	*44.25*	
		For 1" Square x 14 Gauge Pickets, Add	*59.00*	
32 31 19 00-0069	EA	4' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	696.15	19.80
		For Solid Pickets, Add	*152.18*	
		For Aluminum With Satin Finish, Add	*182.12*	
		For Third Rail, Add	*47.76*	
		For 1" Square x 14 Gauge Pickets, Add	*63.68*	
32 31 19 00-0070	EA	5' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	738.02	21.07
		For Solid Pickets, Add	*161.30*	
		For Aluminum With Satin Finish, Add	*192.89*	
		For Third Rail, Add	*50.60*	
		For 1" Square x 14 Gauge Pickets, Add	*67.47*	
32 31 19 00-0071	EA	6' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	796.18	25.35
		For Solid Pickets, Add	*173.44*	
		For Aluminum With Satin Finish, Add	*204.64*	
		For Third Rail, Add	*54.01*	
		For 1" Square x 14 Gauge Pickets, Add	*72.01*	
32 31 19 00-0072	EA	7' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	874.54	29.55
		For Solid Pickets, Add	*190.12*	
		For Aluminum With Satin Finish, Add	*222.44*	
		For Third Rail, Add	*58.94*	
		For 1" Square x 14 Gauge Pickets, Add	*78.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0073	EA	8' Wide x 4' High Steel Tube Single Swing Gate	981.97	33.74
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*213.34*	
		For Aluminum With Satin Finish, Add	*248.97*	
		For Third Rail, Add	*66.04*	
		For 1" Square x 14 Gauge Pickets, Add	*88.06*	
32 31 19 00-0074	EA	9' Wide x 4' High Steel Tube Single Swing Gate	1,086.87	38.01
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*235.99*	
		For Aluminum With Satin Finish, Add	*274.74*	
		For Third Rail, Add	*72.96*	
		For 1" Square x 14 Gauge Pickets, Add	*97.28*	
32 31 19 00-0075	EA	10' Wide x 4' High Steel Tube Single Swing Gate	1,186.72	42.22
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*257.51*	
		For Aluminum With Satin Finish, Add	*298.99*	
		For Third Rail, Add	*79.50*	
		For 1" Square x 14 Gauge Pickets, Add	*106.00*	
32 31 19 00-0076	EA	6' Wide x 4' High Steel Tube Double Swing Gate	1,193.45	35.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*260.51*	
		For Aluminum With Satin Finish, Add	*309.92*	
		For Third Rail, Add	*81.49*	
		For 1" Square x 14 Gauge Pickets, Add	*108.65*	
32 31 19 00-0077	EA	7' Wide x 4' High Steel Tube Double Swing Gate	1,290.91	36.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*282.14*	
		For Aluminum With Satin Finish, Add	*337.37*	
		For Third Rail, Add	*88.50*	
		For 1" Square x 14 Gauge Pickets, Add	*118.00*	
32 31 19 00-0078	EA	8' Wide x 4' High Steel Tube Double Swing Gate	1,392.32	39.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*304.36*	
		For Aluminum With Satin Finish, Add	*364.23*	
		For Third Rail, Add	*95.51*	
		For 1" Square x 14 Gauge Pickets, Add	*127.35*	
32 31 19 00-0079	EA	9' Wide x 4' High Steel Tube Double Swing Gate	1,472.08	40.87
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*322.01*	
		For Aluminum With Satin Finish, Add	*386.38*	
		For Third Rail, Add	*101.20*	
		For 1" Square x 14 Gauge Pickets, Add	*134.93*	
32 31 19 00-0080	EA	10' Wide x 4' High Steel Tube Double Swing Gate	1,539.21	42.22
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*336.82*	
		For Aluminum With Satin Finish, Add	*404.73*	
		For Third Rail, Add	*105.94*	
		For 1" Square x 14 Gauge Pickets, Add	*141.25*	
32 31 19 00-0081	EA	12' Wide x 4' High Steel Tube Double Swing Gate	1,747.75	50.61
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*381.84*	
		For Aluminum With Satin Finish, Add	*455.89*	
		For Third Rail, Add	*119.68*	
		For 1" Square x 14 Gauge Pickets, Add	*159.57*	
32 31 19 00-0082	EA	14' Wide x 4' High Steel Tube Double Swing Gate	1,931.02	59.09
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*421.17*	
		For Aluminum With Satin Finish, Add	*499.47*	
		For Third Rail, Add	*131.52*	
		For 1" Square x 14 Gauge Pickets, Add	*175.36*	
32 31 19 00-0083	EA	16' Wide x 4' High Steel Tube Double Swing Gate	2,090.29	67.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*455.11*	
		For Aluminum With Satin Finish, Add	*535.84*	
		For Third Rail, Add	*141.56*	
		For 1" Square x 14 Gauge Pickets, Add	*188.75*	
32 31 19 00-0084	EA	18' Wide x 4' High Steel Tube Double Swing Gate	2,228.07	75.96
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*484.21*	
		For Aluminum With Satin Finish, Add	*565.77*	
		For Third Rail, Add	*150.00*	
		For 1" Square x 14 Gauge Pickets, Add	*200.00*	
32 31 19 00-0085	EA	20' Wide x 4' High Steel Tube Double Swing Gate	2,345.65	84.43
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*508.76*	
		For Aluminum With Satin Finish, Add	*589.64*	
		For Third Rail, Add	*156.91*	
		For 1" Square x 14 Gauge Pickets, Add	*209.22*	

32 31 19 00-0086 5' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0087	EA	3' Wide x 5' High Steel Tube Single Swing Gate	649.24	18.46
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*141.92*	
		For Aluminum With Satin Finish, Add	*169.82*	
		For Third Rail, Add	*44.54*	
		For 1" Square x 14 Gauge Pickets, Add	*59.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0088	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate	684.78	19.80
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*149.62*	
		For Aluminum With Satin Finish, Add	*178.70*	
		For Third Rail, Add	*46.90*	
		For 1" Square x 14 Gauge Pickets, Add	*62.54*	
32 31 19 00-0089	EA	4' Wide x 5' High Steel Tube Single Swing Gate	719.06	21.07
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*157.04*	
		For Aluminum With Satin Finish, Add	*187.21*	
		For Third Rail, Add	*49.18*	
		For 1" Square x 14 Gauge Pickets, Add	*65.57*	
32 31 19 00-0090	EA	5' Wide x 5' High Steel Tube Single Swing Gate	768.51	22.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*167.87*	
		For Aluminum With Satin Finish, Add	*200.26*	
		For Third Rail, Add	*52.59*	
		For 1" Square x 14 Gauge Pickets, Add	*70.12*	
32 31 19 00-0091	EA	6' Wide x 5' High Steel Tube Single Swing Gate	836.30	26.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*182.11*	
		For Aluminum With Satin Finish, Add	*214.53*	
		For Third Rail, Add	*56.66*	
		For 1" Square x 14 Gauge Pickets, Add	*75.55*	
32 31 19 00-0092	EA	7' Wide x 5' High Steel Tube Single Swing Gate	925.57	31.37
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*201.18*	
		For Aluminum With Satin Finish, Add	*235.26*	
		For Third Rail, Add	*62.35*	
		For 1" Square x 14 Gauge Pickets, Add	*83.13*	
32 31 19 00-0093	EA	8' Wide x 5' High Steel Tube Single Swing Gate	1,049.75	36.11
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*228.05*	
		For Aluminum With Satin Finish, Add	*266.09*	
		For Third Rail, Add	*70.59*	
		For 1" Square x 14 Gauge Pickets, Add	*94.12*	
32 31 19 00-0094	EA	9' Wide x 5' High Steel Tube Single Swing Gate	1,170.59	40.63
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*254.24*	
		For Aluminum With Satin Finish, Add	*296.29*	
		For Third Rail, Add	*78.65*	
		For 1" Square x 14 Gauge Pickets, Add	*104.86*	
32 31 19 00-0095	EA	10' Wide x 5' High Steel Tube Single Swing Gate	1,288.92	45.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*279.85*	
		For Aluminum With Satin Finish, Add	*325.73*	
		For Third Rail, Add	*86.51*	
		For 1" Square x 14 Gauge Pickets, Add	*115.35*	
32 31 19 00-0096	EA	6' Wide x 5' High Steel Tube Double Swing Gate	1,276.47	31.12
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*280.54*	
		For Aluminum With Satin Finish, Add	*342.95*	
		For Third Rail, Add	*89.07*	
		For 1" Square x 14 Gauge Pickets, Add	*118.76*	
32 31 19 00-0097	EA	7' Wide x 5' High Steel Tube Double Swing Gate	1,353.18	36.28
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*296.69*	
		For Aluminum With Satin Finish, Add	*359.30*	
		For Third Rail, Add	*93.71*	
		For 1" Square x 14 Gauge Pickets, Add	*124.95*	
32 31 19 00-0098	EA	8' Wide x 5' High Steel Tube Double Swing Gate	1,430.78	41.74
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*312.97*	
		For Aluminum With Satin Finish, Add	*375.52*	
		For Third Rail, Add	*98.36*	
		For 1" Square x 14 Gauge Pickets, Add	*131.14*	
32 31 19 00-0099	EA	9' Wide x 5' High Steel Tube Double Swing Gate	1,536.54	46.96
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*335.66*	
		For Aluminum With Satin Finish, Add	*400.59*	
		For Third Rail, Add	*105.18*	
		For 1" Square x 14 Gauge Pickets, Add	*140.24*	
32 31 19 00-0100	EA	10' Wide x 5' High Steel Tube Double Swing Gate	1,629.68	52.12
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*355.50*	
		For Aluminum With Satin Finish, Add	*421.86*	
		For Third Rail, Add	*111.05*	
		For 1" Square x 14 Gauge Pickets, Add	*148.07*	
32 31 19 00-0101	EA	12' Wide x 5' High Steel Tube Double Swing Gate	1,854.71	57.98
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*404.89*	
		For Aluminum With Satin Finish, Add	*481.92*	
		For Third Rail, Add	*126.69*	
		For 1" Square x 14 Gauge Pickets, Add	*168.92*	
32 31 19 00-0102	EA	14' Wide x 5' High Steel Tube Double Swing Gate	2,057.46	64.32
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*449.14*	
		For Aluminum With Satin Finish, Add	*534.51*	
		For Third Rail, Add	*140.52*	
		For 1" Square x 14 Gauge Pickets, Add	*187.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0103	EA	16' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,239.22	71.36
		For Solid Pickets, Add	*488.53*	
		For Aluminum With Satin Finish, Add	*580.02*	
		For Third Rail, Add	*152.65*	
		For 1" Square x 14 Gauge Pickets, Add	*203.53*	
32 31 19 00-0104	EA	18' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,403.37	79.28
		For Solid Pickets, Add	*523.77*	
		For Aluminum With Satin Finish, Add	*619.07*	
		For Third Rail, Add	*163.26*	
		For 1" Square x 14 Gauge Pickets, Add	*217.68*	
32 31 19 00-0105	EA	20' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,549.91	88.16
		For Solid Pickets, Add	*554.85*	
		For Aluminum With Satin Finish, Add	*651.67*	
		For Third Rail, Add	*172.36*	
		For 1" Square x 14 Gauge Pickets, Add	*229.81*	

32 31 19 00-0106 6' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0107	EA	3' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	676.27	20.27
		For Solid Pickets, Add	*147.59*	
		For Aluminum With Satin Finish, Add	*175.44*	
		For Third Rail, Add	*46.15*	
		For 1" Square x 14 Gauge Pickets, Add	*61.53*	
32 31 19 00-0108	EA	3'-6" Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	711.02	21.39
		For Solid Pickets, Add	*155.17*	
		For Aluminum With Satin Finish, Add	*184.43*	
		For Third Rail, Add	*48.51*	
		For 1" Square x 14 Gauge Pickets, Add	*64.69*	
32 31 19 00-0109	EA	4' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	746.35	22.58
		For Solid Pickets, Add	*162.84*	
		For Aluminum With Satin Finish, Add	*193.35*	
		For Third Rail, Add	*50.88*	
		For 1" Square x 14 Gauge Pickets, Add	*67.85*	
32 31 19 00-0110	EA	5' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	789.69	24.00
		For Solid Pickets, Add	*172.27*	
		For Aluminum With Satin Finish, Add	*204.47*	
		For Third Rail, Add	*53.82*	
		For 1" Square x 14 Gauge Pickets, Add	*71.76*	
32 31 19 00-0111	EA	6' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	886.86	28.99
		For Solid Pickets, Add	*193.01*	
		For Aluminum With Satin Finish, Add	*226.85*	
		For Third Rail, Add	*59.98*	
		For 1" Square x 14 Gauge Pickets, Add	*79.97*	
32 31 19 00-0112	EA	7' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	990.34	34.05
		For Solid Pickets, Add	*215.16*	
		For Aluminum With Satin Finish, Add	*251.13*	
		For Third Rail, Add	*66.61*	
		For 1" Square x 14 Gauge Pickets, Add	*88.82*	
32 31 19 00-0113	EA	8' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,105.67	38.81
		For Solid Pickets, Add	*240.04*	
		For Aluminum With Satin Finish, Add	*279.31*	
		For Third Rail, Add	*74.19*	
		For 1" Square x 14 Gauge Pickets, Add	*98.92*	
32 31 19 00-0114	EA	9' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,216.74	43.80
		For Solid Pickets, Add	*263.91*	
		For Aluminum With Satin Finish, Add	*305.86*	
		For Third Rail, Add	*81.39*	
		For 1" Square x 14 Gauge Pickets, Add	*108.53*	
32 31 19 00-0115	EA	10' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,351.80	48.79
		For Solid Pickets, Add	*293.17*	
		For Aluminum With Satin Finish, Add	*339.61*	
		For Third Rail, Add	*90.40*	
		For 1" Square x 14 Gauge Pickets, Add	*120.53*	
32 31 19 00-0116	EA	6' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,326.39	33.58
		For Solid Pickets, Add	*291.25*	
		For Aluminum With Satin Finish, Add	*354.79*	
		For Third Rail, Add	*92.29*	
		For 1" Square x 14 Gauge Pickets, Add	*123.06*	
32 31 19 00-0117	EA	7' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,406.11	39.37
		For Solid Pickets, Add	*307.95*	
		For Aluminum With Satin Finish, Add	*371.26*	
		For Third Rail, Add	*97.03*	
		For 1" Square x 14 Gauge Pickets, Add	*129.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0118	EA	8' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,484.96	44.83
		For Solid Pickets, Add	*324.51*	
		For Aluminum With Satin Finish, Add	*387.86*	
		For Third Rail, Add	*101.77*	
		For 1" Square x 14 Gauge Pickets, Add	*135.69*	
32 31 19 00-0119	EA	9' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,579.85	50.61
		For Solid Pickets, Add	*344.62*	
		For Aluminum With Satin Finish, Add	*408.87*	
		For Third Rail, Add	*107.64*	
		For 1" Square x 14 Gauge Pickets, Add	*143.52*	
32 31 19 00-0120	EA	10' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	1,727.81	56.39
		For Solid Pickets, Add	*376.67*	
		For Aluminum With Satin Finish, Add	*445.81*	
		For Third Rail, Add	*117.50*	
		For 1" Square x 14 Gauge Pickets, Add	*156.66*	
32 31 19 00-0121	EA	12' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,025.31	62.81
		For Solid Pickets, Add	*442.23*	
		For Aluminum With Satin Finish, Add	*526.83*	
		For Third Rail, Add	*138.44*	
		For 1" Square x 14 Gauge Pickets, Add	*184.58*	
32 31 19 00-0122	EA	14' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,122.02	70.18
		For Solid Pickets, Add	*462.43*	
		For Aluminum With Satin Finish, Add	*546.43*	
		For Third Rail, Add	*144.12*	
		For 1" Square x 14 Gauge Pickets, Add	*192.16*	
32 31 19 00-0123	EA	16' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,330.39	78.10
		For Solid Pickets, Add	*507.61*	
		For Aluminum With Satin Finish, Add	*598.75*	
		For Third Rail, Add	*158.05*	
		For 1" Square x 14 Gauge Pickets, Add	*210.74*	
32 31 19 00-0124	EA	18' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,522.43	86.89
		For Solid Pickets, Add	*548.92*	
		For Aluminum With Satin Finish, Add	*644.99*	
		For Third Rail, Add	*170.56*	
		For 1" Square x 14 Gauge Pickets, Add	*227.41*	
32 31 19 00-0125	EA	20' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,701.52	96.95
		For Solid Pickets, Add	*587.06*	
		For Aluminum With Satin Finish, Add	*685.78*	
		For Third Rail, Add	*181.83*	
		For 1" Square x 14 Gauge Pickets, Add	*242.45*	

32 31 19 00-0126 7' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0127	EA	3' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	716.63	21.94
		For Solid Pickets, Add	*156.29*	
		For Aluminum With Satin Finish, Add	*185.30*	
		For Third Rail, Add	*48.80*	
		For 1" Square x 14 Gauge Pickets, Add	*65.07*	
32 31 19 00-0128	EA	3'-6" Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	752.96	23.12
		For Solid Pickets, Add	*164.21*	
		For Aluminum With Satin Finish, Add	*194.63*	
		For Third Rail, Add	*51.26*	
		For 1" Square x 14 Gauge Pickets, Add	*68.35*	
32 31 19 00-0129	EA	4' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	789.46	24.32
		For Solid Pickets, Add	*172.15*	
		For Aluminum With Satin Finish, Add	*203.94*	
		For Third Rail, Add	*53.73*	
		For 1" Square x 14 Gauge Pickets, Add	*71.64*	
32 31 19 00-0130	EA	5' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	826.03	25.59
		For Solid Pickets, Add	*180.09*	
		For Aluminum With Satin Finish, Add	*213.24*	
		For Third Rail, Add	*56.19*	
		For 1" Square x 14 Gauge Pickets, Add	*74.92*	
32 31 19 00-0131	EA	6' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	956.36	31.12
		For Solid Pickets, Add	*208.17*	
		For Aluminum With Satin Finish, Add	*244.85*	
		For Third Rail, Add	*64.72*	
		For 1" Square x 14 Gauge Pickets, Add	*86.29*	
32 31 19 00-0132	EA	7' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,075.80	36.44
		For Solid Pickets, Add	*233.86*	
		For Aluminum With Satin Finish, Add	*273.56*	
		For Third Rail, Add	*72.49*	
		For 1" Square x 14 Gauge Pickets, Add	*96.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0133	EA	8' Wide x 7' High Steel Tube Single Swing Gate	1,163.19	41.90
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*252.27*	
		For Aluminum With Satin Finish, Add	*292.28*	
		For Third Rail, Add	*77.79*	
		For 1" Square x 14 Gauge Pickets, Add	*103.73*	
32 31 19 00-0134	EA	9' Wide x 7' High Steel Tube Single Swing Gate	1,262.42	47.21
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*273.41*	
		For Aluminum With Satin Finish, Add	*314.93*	
		For Third Rail, Add	*84.05*	
		For 1" Square x 14 Gauge Pickets, Add	*112.06*	
32 31 19 00-0135	EA	10' Wide x 7' High Steel Tube Single Swing Gate	1,383.91	52.75
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*299.50*	
		For Aluminum With Satin Finish, Add	*343.89*	
		For Third Rail, Add	*91.91*	
		For 1" Square x 14 Gauge Pickets, Add	*122.55*	
32 31 19 00-0136	EA	6' Wide x 7' High Steel Tube Double Swing Gate	1,404.11	35.96
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*308.21*	
		For Aluminum With Satin Finish, Add	*374.97*	
		For Third Rail, Add	*97.60*	
		For 1" Square x 14 Gauge Pickets, Add	*130.13*	
32 31 19 00-0137	EA	7' Wide x 7' High Steel Tube Double Swing Gate	1,487.23	42.05
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*325.61*	
		For Aluminum With Satin Finish, Add	*392.07*	
		For Third Rail, Add	*102.53*	
		For 1" Square x 14 Gauge Pickets, Add	*136.70*	
32 31 19 00-0138	EA	8' Wide x 7' High Steel Tube Double Swing Gate	1,571.23	48.47
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*343.14*	
		For Aluminum With Satin Finish, Add	*409.03*	
		For Third Rail, Add	*107.45*	
		For 1" Square x 14 Gauge Pickets, Add	*143.27*	
32 31 19 00-0139	EA	9' Wide x 7' High Steel Tube Double Swing Gate	1,655.61	54.57
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*360.82*	
		For Aluminum With Satin Finish, Add	*426.51*	
		For Third Rail, Add	*112.47*	
		For 1" Square x 14 Gauge Pickets, Add	*149.97*	
32 31 19 00-0140	EA	10' Wide x 7' High Steel Tube Double Swing Gate	1,864.68	60.99
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*406.48*	
		For Aluminum With Satin Finish, Add	*480.99*	
		For Third Rail, Add	*126.78*	
		For 1" Square x 14 Gauge Pickets, Add	*169.04*	
32 31 19 00-0141	EA	12' Wide x 7' High Steel Tube Double Swing Gate	2,252.37	68.04
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*492.21*	
		For Aluminum With Satin Finish, Add	*588.28*	
		For Third Rail, Add	*154.36*	
		For 1" Square x 14 Gauge Pickets, Add	*205.81*	
32 31 19 00-0142	EA	14' Wide x 7' High Steel Tube Double Swing Gate	2,230.42	76.27
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*485.51*	
		For Aluminum With Satin Finish, Add	*571.11*	
		For Third Rail, Add	*150.95*	
		For 1" Square x 14 Gauge Pickets, Add	*201.26*	
32 31 19 00-0143	EA	16' Wide x 7' High Steel Tube Double Swing Gate	2,417.39	85.07
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*525.68*	
		For Aluminum With Satin Finish, Add	*615.83*	
		For Third Rail, Add	*163.07*	
		For 1" Square x 14 Gauge Pickets, Add	*217.43*	
32 31 19 00-0144	EA	18' Wide x 7' High Steel Tube Double Swing Gate	2,640.71	95.13
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*573.77*	
		For Aluminum With Satin Finish, Add	*669.89*	
		For Third Rail, Add	*177.67*	
		For 1" Square x 14 Gauge Pickets, Add	*236.89*	
32 31 19 00-0145	EA	20' Wide x 7' High Steel Tube Double Swing Gate	2,789.57	106.13
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*604.91*	
		For Aluminum With Satin Finish, Add	*700.43*	
		For Third Rail, Add	*186.48*	
		For 1" Square x 14 Gauge Pickets, Add	*248.64*	

32 31 19 00-0146 8' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0045)*

32 31 19 00-0147	EA	3' Wide x 8' High Steel Tube Single Swing Gate	778.79	23.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*169.88*	
		For Aluminum With Satin Finish, Add	*201.56*	
		For Third Rail, Add	*53.06*	
		For 1" Square x 14 Gauge Pickets, Add	*70.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0148	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate	816.87	25.03
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*178.15*	
		For Aluminum With Satin Finish, Add	*211.20*	
		For Third Rail, Add	*55.62*	
		For 1" Square x 14 Gauge Pickets, Add	*74.16*	
32 31 19 00-0149	EA	4' Wide x 8' High Steel Tube Single Swing Gate	857.46	26.38
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*186.99*	
		For Aluminum With Satin Finish, Add	*221.59*	
		For Third Rail, Add	*58.37*	
		For 1" Square x 14 Gauge Pickets, Add	*77.83*	
32 31 19 00-0150	EA	5' Wide x 8' High Steel Tube Single Swing Gate	894.36	29.39
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*194.61*	
		For Aluminum With Satin Finish, Add	*228.57*	
		For Third Rail, Add	*60.45*	
		For 1" Square x 14 Gauge Pickets, Add	*80.61*	
32 31 19 00-0151	EA	6' Wide x 8' High Steel Tube Single Swing Gate	1,057.46	33.27
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*230.44*	
		For Aluminum With Satin Finish, Add	*272.33*	
		For Third Rail, Add	*71.82*	
		For 1" Square x 14 Gauge Pickets, Add	*95.77*	
32 31 19 00-0152	EA	7' Wide x 8' High Steel Tube Single Swing Gate	1,177.86	40.07
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*255.99*	
		For Aluminum With Satin Finish, Add	*299.18*	
		For Third Rail, Add	*79.31*	
		For 1" Square x 14 Gauge Pickets, Add	*105.75*	
32 31 19 00-0153	EA	8' Wide x 8' High Steel Tube Single Swing Gate	1,231.78	46.65
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*266.64*	
		For Aluminum With Satin Finish, Add	*306.44*	
		For Third Rail, Add	*81.87*	
		For 1" Square x 14 Gauge Pickets, Add	*109.16*	
32 31 19 00-0154	EA	9' Wide x 8' High Steel Tube Single Swing Gate	1,321.85	53.54
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*285.36*	
		For Aluminum With Satin Finish, Add	*324.20*	
		For Third Rail, Add	*87.08*	
		For 1" Square x 14 Gauge Pickets, Add	*116.11*	
32 31 19 00-0155	EA	10' Wide x 8' High Steel Tube Single Swing Gate	1,400.55	60.43
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*301.52*	
		For Aluminum With Satin Finish, Add	*338.55*	
		For Third Rail, Add	*91.44*	
		For 1" Square x 14 Gauge Pickets, Add	*121.92*	
32 31 19 00-0156	EA	6' Wide x 8' High Steel Tube Double Swing Gate	1,526.05	38.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*335.13*	
		For Aluminum With Satin Finish, Add	*408.41*	
		For Third Rail, Add	*106.22*	
		For 1" Square x 14 Gauge Pickets, Add	*141.63*	
32 31 19 00-0157	EA	7' Wide x 8' High Steel Tube Double Swing Gate	1,619.45	46.34
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*354.44*	
		For Aluminum With Satin Finish, Add	*426.24*	
		For Third Rail, Add	*111.53*	
		For 1" Square x 14 Gauge Pickets, Add	*148.70*	
32 31 19 00-0158	EA	8' Wide x 8' High Steel Tube Double Swing Gate	1,710.73	53.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*373.35*	
		For Aluminum With Satin Finish, Add	*443.82*	
		For Third Rail, Add	*116.74*	
		For 1" Square x 14 Gauge Pickets, Add	*155.65*	
32 31 19 00-0159	EA	9' Wide x 8' High Steel Tube Double Swing Gate	1,787.71	61.94
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*388.97*	
		For Aluminum With Satin Finish, Add	*456.72*	
		For Third Rail, Add	*120.81*	
		For 1" Square x 14 Gauge Pickets, Add	*161.08*	
32 31 19 00-0160	EA	10' Wide x 8' High Steel Tube Double Swing Gate	2,076.92	69.86
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*452.34*	
		For Aluminum With Satin Finish, Add	*533.30*	
		For Third Rail, Add	*140.81*	
		For 1" Square x 14 Gauge Pickets, Add	*187.74*	
32 31 19 00-0161	EA	12' Wide x 8' High Steel Tube Double Swing Gate	2,586.08	78.65
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*565.01*	
		For Aluminum With Satin Finish, Add	*674.67*	
		For Third Rail, Add	*177.10*	
		For 1" Square x 14 Gauge Pickets, Add	*236.13*	
32 31 19 00-0162	EA	14' Wide x 8' High Steel Tube Double Swing Gate	2,369.74	88.71
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*514.18*	
		For Aluminum With Satin Finish, Add	*596.83*	
		For Third Rail, Add	*158.72*	
		For 1" Square x 14 Gauge Pickets, Add	*211.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0163	EA	16' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,539.28	100.35
		For Solid Pickets, Add	*549.84*	
		For Aluminum With Satin Finish, Add	*632.80*	
		For Third Rail, Add	*168.95*	
		For 1" Square x 14 Gauge Pickets, Add	*225.26*	
32 31 19 00-0164	EA	18' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,799.49	113.10
		For Solid Pickets, Add	*605.64*	
		For Aluminum With Satin Finish, Add	*694.39*	
		For Third Rail, Add	*185.72*	
		For 1" Square x 14 Gauge Pickets, Add	*247.63*	
32 31 19 00-0165	EA	20' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,860.67	127.45
		For Solid Pickets, Add	*616.34*	
		For Aluminum With Satin Finish, Add	*694.32*	
		For Third Rail, Add	*187.24*	
		For 1" Square x 14 Gauge Pickets, Add	*249.65*	

32 31 19 00-0166 Replace Steel Tube Fence Pickets *(32 31 19 00-0032)*

32 31 19 00-0167	LF	Replace 3/4" Square x 16 Gauge Steel Tube Fence Picket	22.46	
		For 1" Square x 14 Gauge Pickets, Add	*0.66*	

32 31 19 00-0168 Remove And Reinstall Ornamental Fences *(32 31 19)*

Note: Removal and reinstallation of fences including storage and cleaning. Excludes augering and concrete.

32 31 19 00-0169	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height	35.64	
32 31 19 00-0170	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height	39.21	
32 31 19 00-0171	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height	42.77	
32 31 19 00-0172	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height	46.34	
32 31 19 00-0173	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height	49.90	
32 31 19 00-0174	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height	53.46	
32 31 19 00-0175	LF	Removal And Reinstallation Of Ornamental Fence 12' Height	59.40	

32 31 26 Wire Fences And Gates *(32 31)*

32 31 26 13 Wire Fences with Steel Posts *(32 31 26)*

32 31 26 13-0001 Wire And Screen *(32 31 26 13)*

32 31 26 13-0002 Wire And Screen For Partitions And Fences *(32 31 26 13-0001)*

Note: Excludes framing and post.

32 31 26 13-0003 Screen Wire *(32 31 26 13-0002)*

32 31 26 13-0004	LF	Screen Wire, 48" Wide Rolls	10.61	0.98

32 31 26 13-0005 Hog Wire *(32 31 26 13-0002)*

32 31 26 13-0006	SF	4" x 4" Hog Wire For Fencing	1.94	0.79
32 31 26 13-0007	SF	6" x 6" Hog Wire For Fencing	2.03	0.88

32 31 26 13-0008 Non-Climb Horse Fence *(32 31 26 13-0002)*

32 31 26 13-0009	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence	8.51	3.14
32 31 26 13-0010	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence	10.86	3.93
32 31 26 13-0011	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence	13.49	4.71

32 31 26 13-0012 Screen For Partitions And Ceilings *(32 31 26 13-0001)*

Note: Can be used to support insulation on walls and ceilings.

32 31 26 13-0013	SF	1" Mesh Chicken Wire	1.66	

32 31 29 Wood Fences And Gates *(32 31)*

See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 29 00-0001 Basket Weave *(32 31 29)*

Note: 3/8" x 4" boards, 4" x 4" post

32 31 29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post	37.87	2.84
		For Fastening With Screws Instead Of Nails, Add	*2.19*	
32 31 29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post	24.25	2.84
		For Fastening With Screws Instead Of Nails, Add	*1.53*	

32 31 29 00-0004 Board Fence *(32 31 29)*

Note: 1x4" board, 2x4" rail, 4x4" post.

32 31 29 00-0005	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated	22.16	2.84
		For 1" x 6" Boards, Deduct	*-2.33*	
		For 1" x 3" Boards (Stockade Top), Add	*2.89*	
		For Fastening With Screws Instead Of Nails, Add	*1.44*	
32 31 29 00-0006	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated	24.66	2.84
		For 1" x 6" Boards, Deduct	*-2.53*	
		For 1" x 3" Boards (Stockade Top), Add	*3.13*	
		For Fastening With Screws Instead Of Nails, Add	*1.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0007	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated	27.54	2.84
		For 1" x 6" Boards, Deduct	*-2.71*	
		For 1" x 3" Boards (Stockade Top), Add	*3.31*	
		For Fastening With Screws Instead Of Nails, Add	*1.74*	
32 31 29 00-0008	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated	29.42	2.84
		For 1" x 6" Boards, Deduct	*-2.85*	
		For 1" x 3" Boards (Stockade Top), Add	*3.46*	
		For Fastening With Screws Instead Of Nails, Add	*1.85*	
32 31 29 00-0009	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated	31.44	2.84
		For 1" x 6" Boards, Deduct	*-2.99*	
		For 1" x 3" Boards (Stockade Top), Add	*3.62*	
		For Fastening With Screws Instead Of Nails, Add	*1.97*	
32 31 29 00-0010	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar	23.69	2.84
		For 1" x 6" Boards, Deduct	*-2.39*	
		For 1" x 3" Boards (Stockade Top), Add	*2.94*	
		For Fastening With Screws Instead Of Nails, Add	*1.51*	
32 31 29 00-0011	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar	25.84	2.84
		For 1" x 6" Boards, Deduct	*-2.58*	
		For 1" x 3" Boards (Stockade Top), Add	*3.17*	
		For Fastening With Screws Instead Of Nails, Add	*1.64*	
32 31 29 00-0012	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar	27.54	2.84
		For 1" x 6" Boards, Deduct	*-2.71*	
		For 1" x 3" Boards (Stockade Top), Add	*3.31*	
		For Fastening With Screws Instead Of Nails, Add	*1.74*	
32 31 29 00-0013	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar	29.42	2.84
		For 1" x 6" Boards, Deduct	*-2.85*	
		For 1" x 3" Boards (Stockade Top), Add	*3.46*	
		For Fastening With Screws Instead Of Nails, Add	*1.85*	
32 31 29 00-0014	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar	31.44	2.84
		For 1" x 6" Boards, Deduct	*-2.99*	
		For 1" x 3" Boards (Stockade Top), Add	*3.62*	
		For Fastening With Screws Instead Of Nails, Add	*1.97*	
32 31 29 00-0015	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar	23.69	2.84
		For 1" x 6" Boards, Deduct	*-2.39*	
		For 1" x 3" Boards (Stockade Top), Add	*2.94*	
		For Fastening With Screws Instead Of Nails, Add	*1.51*	
32 31 29 00-0016	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar	31.06	2.84
		For 1" x 6" Boards, Deduct	*-2.79*	
		For 1" x 3" Boards (Stockade Top), Add	*3.32*	
		For Fastening With Screws Instead Of Nails, Add	*1.90*	
32 31 29 00-0017	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar	32.55	2.84
		For 1" x 6" Boards, Deduct	*-2.91*	
		For 1" x 3" Boards (Stockade Top), Add	*3.46*	
		For Fastening With Screws Instead Of Nails, Add	*1.99*	
32 31 29 00-0018	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar	35.02	2.84
		For 1" x 6" Boards, Deduct	*-3.07*	
		For 1" x 3" Boards (Stockade Top), Add	*3.63*	
		For Fastening With Screws Instead Of Nails, Add	*2.13*	
32 31 29 00-0019	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar	37.68	2.84
		For 1" x 6" Boards, Deduct	*-3.24*	
		For 1" x 3" Boards (Stockade Top), Add	*3.81*	
		For Fastening With Screws Instead Of Nails, Add	*2.28*	

32 31 29 00-0020 Shadow Box *(32 31 29)*

Note: 1x6" board, 2x4" Rail, 4x4" post.

32 31 29 00-0021	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine	36.87	2.84
		For Fastening With Screws Instead Of Nails, Add	*2.14*	
32 31 29 00-0022	LF	Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar	46.07	2.84
		For Fastening With Screws Instead Of Nails, Add	*2.66*	
32 31 29 00-0023	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar	49.98	2.84
		For Fastening With Screws Instead Of Nails, Add	*2.86*	
32 31 29 00-0024	LF	Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar	53.69	2.84
		For Fastening With Screws Instead Of Nails, Add	*3.08*	

32 31 29 00-0025 Open Rail Fence *(32 31 29)*

32 31 29 00-0026 Post And Rail Fence, Ranch Style *(32 31 29 00-0025)*

32 31 29 00-0027	LF	Post And Rail Fence, 2 Rails, 3' High #1 Cedar	21.11	2.84
32 31 29 00-0028	LF	Post And Rail Fence, 2 Rails, 3' High #2 Cedar	16.75	2.84
32 31 29 00-0029	LF	Post And Rail Fence, 3 Rails, 4' High #1 Cedar	24.86	2.84
32 31 29 00-0030	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar	18.08	2.84

32 31 29 00-0031 Split Rail Fence *(32 31 29 00-0025)*

32 31 29 00-0032	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar	19.99	2.84
32 31 29 00-0033	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar	16.71	2.84
32 31 29 00-0034	LF	Split Rail Fence, 3 Rail, 4' High #1 Cedar	22.72	2.84
32 31 29 00-0035	LF	Split Rail Fence, 3 Rail, 4' High #2 Cedar	18.71	2.84

32 31 29 00-0036 Picket Fence *(32 31 29)*

32 31 29 00-0037	LF	Picket Fence, 2 Rail, 3' High, Pressure Treated	22.27	2.84
		For Fastening With Screws Instead Of Nails, Add	*1.45*	
32 31 29 00-0038	LF	Picket Fence, 2 Rail, 3' High #1 Cedar	21.04	2.84
		For Fastening With Screws Instead Of Nails, Add	*1.39*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0039		Wood Fence Post Accessories *(32 31 29)*		
32 31 29 00-0040	EA	3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap	30.92	
32 31 29 00-0041	EA	4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap	34.13	
32 31 29 00-0042	EA	6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap	37.33	
32 31 29 00-0043	EA	8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap	53.39	
32 31 29 00-0044		Wood Gate *(32 31 29)*		
32 31 29 00-0045		Board Fence Gates, Pressure Treated Wood *(32 31 29 00-0044)* Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0046	EA	3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	356.46	111.96
32 31 29 00-0047	EA	3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	393.76	118.67
32 31 29 00-0048	EA	3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	440.00	129.86
32 31 29 00-0049	EA	3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	498.51	136.58
32 31 29 00-0050	EA	3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	557.01	143.30
32 31 29 00-0051	EA	>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	454.63	147.78
32 31 29 00-0052	EA	>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	494.57	154.50
32 31 29 00-0053	EA	>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	534.52	161.21
32 31 29 00-0054	EA	>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	600.97	167.93
32 31 29 00-0055	EA	>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	654.17	174.65
32 31 29 00-0056		Board Fence Gates, Grade 2 Cedar *(32 31 29 00-0044)* Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0057	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	535.54	88.82
32 31 29 00-0058	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	554.15	94.15
32 31 29 00-0059	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	582.52	103.04
32 31 29 00-0060	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	614.38	108.36
32 31 29 00-0061	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	654.21	113.69
32 31 29 00-0062	EA	>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	632.14	117.25
32 31 29 00-0063	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	656.06	122.57
32 31 29 00-0064	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	693.23	127.90
32 31 29 00-0065	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	730.40	133.23
32 31 29 00-0066	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	767.56	138.56
32 31 29 00-0067		Board Fence Gates, Grade 1 Cedar *(32 31 29 00-0044)* Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0068	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	575.30	88.82
32 31 29 00-0069	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	599.22	94.15
32 31 29 00-0070	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	630.24	103.04
32 31 29 00-0071	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	667.41	108.36
32 31 29 00-0072	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	704.58	113.69
32 31 29 00-0073	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	685.17	117.25
32 31 29 00-0074	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	709.08	122.57
32 31 29 00-0075	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	746.25	127.90
32 31 29 00-0076	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	783.42	133.23
32 31 29 00-0077	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	833.84	138.56
32 31 29 00-0078		Pressure Treated Wood Fence Posts *(32 31 29)* See CSI section 32 31 13 13-0001 for drilling augering, 32 31 13 13-0641 for barbed wire, 32 31 56 00-0017 for barbed wire.		
32 31 29 00-0079	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	33.98	11.19
32 31 29 00-0080	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	38.16	11.19
32 31 29 00-0081	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete	59.96	21.49
32 31 29 00-0082	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete	64.72	21.49
32 31 56		**Wild Life Deterrent Fence** *(32 31)*		
32 31 56 00-0001		Barbed Wire Fences *(32 31 56)* Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 56 00-0002		Fence Posts *(32 31 56 00-0001)*		
32 31 56 00-0003		Fence Post Soil, Set In Concrete *(32 31 56 00-0002)*		
32 31 56 00-0004	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	69.59	6.33
		For Bracing On Corner Post, End Post And Pull Post, Add	*111.73*	
32 31 56 00-0005	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil	92.06	6.33
		For Bracing On Corner Post, End Post And Pull Post, Add	*149.25*	
32 31 56 00-0006		Post In Rock *(32 31 56 00-0002)*		
32 31 56 00-0007	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock	68.20	6.33
		For Bracing On Corner Post, End Post And Pull Post, Add	*109.64*	
32 31 56 00-0008	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock	90.67	6.33
		For Bracing On Corner Post, End Post And Pull Post, Add	*147.17*	
32 31 56 00-0009		Studded Steel T-Posts, Enamel Paint Finish *(32 31 56 00-0001)* Note: Posts for barb wire, chain link or welded wire mesh.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 56 00-0010	EA	5' Studded Steel T-Post, Driven Into Earth	19.48	
32 31 56 00-0011	EA	5'-6" Studded Steel T-Post, Driven Into Earth	19.95	
32 31 56 00-0012	EA	6' Studded Steel T-Post, Driven Into Earth	20.77	
32 31 56 00-0013	EA	6'-6" Studded Steel T-Post, Driven Into Earth	21.58	
32 31 56 00-0014	EA	7' Studded Steel T-Post, Driven Into Earth	22.62	
32 31 56 00-0015	EA	8' Studded Steel T-Post, Driven Into Earth	25.32	
32 31 56 00-0016	EA	10' Studded Steel T-Post, Driven Into Earth	30.18	

32 31 56 00-0017 Barbed Wire *(32 31 56 00-0001)*

Note: Per strand.

32 31 56 00-0018	LF	Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	0.69	0.31
32 31 56 00-0019	LF	Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand	0.78	0.31

32 31 56 00-0020 Barbed Wire Fence, Farm Style, With Wood Posts *(32 31 56 00-0001)*

Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.

32 31 56 00-0021	LF	4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts Note: Posts at 10' maximum.	8.39	2.06

32 32 Retaining Walls *(32 30)*

32 32 13 Cast-In-Place Concrete Retaining Wall *(32 32)*

Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.

32 32 13 00-0001	LF	4' High With Base, 10" Thick Reinforced	312.19	111.91
		For >3:1 Sloped Soil At Top, Add	*7.52*	
32 32 13 00-0002	LF	6' High With Base, 10" Thick Reinforced	389.69	137.69
		For >3:1 Sloped Soil At Top, Add	*9.71*	
32 32 13 00-0003	LF	8' High With Base, 10" Thick Reinforced	424.69	148.52
		For >3:1 Sloped Soil At Top, Add	*10.85*	
32 32 13 00-0004	LF	10' High With Base, 13" Thick Reinforced	541.79	183.65
		For >3:1 Sloped Soil At Top, Add	*14.84*	
32 32 13 00-0005	LF	12' High With Base, 14" Thick Reinforced	624.51	210.94
		For >3:1 Sloped Soil At Top, Add	*17.22*	
32 32 13 00-0006	LF	16' High With Base, 16" Thick Reinforced	902.84	309.46
		For >3:1 Sloped Soil At Top, Add	*24.14*	
32 32 13 00-0007	LF	20' High With Base, 18" Thick Reinforced	1,239.06	427.22
		For >3:1 Sloped Soil At Top, Add	*32.69*	
32 32 13 00-0008	LF	4' High With Base, 12" Thick Reinforced	343.17	122.21
		For >3:1 Sloped Soil At Top, Add	*8.39*	
32 32 13 00-0009	LF	6' High With Base, 12" Thick Reinforced	420.39	147.25
		For >3:1 Sloped Soil At Top, Add	*10.71*	
32 32 13 00-0010	LF	8' High With Base, 12" Thick Reinforced	445.46	153.64
		For >3:1 Sloped Soil At Top, Add	*11.75*	
32 32 13 00-0011	LF	10' High With Base, 16" Thick Reinforced	613.59	205.91
		For >3:1 Sloped Soil At Top, Add	*17.14*	
32 32 13 00-0012	LF	12' High With Base, 18" Thick Reinforced	777.51	264.49
		For >3:1 Sloped Soil At Top, Add	*21.13*	
32 32 13 00-0013	LF	16' High With Base, 21" Thick Reinforced	1,165.25	400.91
		For >3:1 Sloped Soil At Top, Add	*30.90*	
32 32 13 00-0014	LF	20' High With Base, 24" Thick Reinforced	1,644.50	565.90
		For >3:1 Sloped Soil At Top, Add	*43.58*	

32 32 16 Precast Concrete Retaining Walls *(32 32)*

32 32 16 00-0001 Precast Retaining Walls *(32 32 16)*

Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.

32 32 16 00-0002	SF	Precast Concrete Retaining Walls, 10-15' High Tied-back Earth Walls	73.58	10.85
32 32 16 00-0003	SF	Precast Concrete Retaining Walls, 16-20' High Tied-back Earth Walls	75.51	8.72
32 32 16 00-0004	SF	Precast Concrete Retaining Walls, 21-25' High Tied-back Earth Walls	78.27	7.27
32 32 16 00-0005	SF	Precast Concrete Retaining Walls, 26-30' High Tied-back Earth Walls	84.62	7.27
32 32 16 00-0006	SF	Precast Concrete Retaining Walls, >30' High Tied-back Earth Walls	89.49	6.20

32 32 23 Segmental Retaining Walls *(32 32)*

32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls *(32 32 23)*

32 32 23 13-0001 Modular Retaining Wall Systems *(32 32 23 13)*

Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.

32 32 23 13-0002 "Amastone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0003	SF	Up To 4' Height "Amastone" Type Modular Retaining Wall System	56.95	7.46
		For >3:1 Sloped Soil At Top, Add	*3.57*	
32 32 23 13-0004	SF	4 To 8' Height "Amastone" Type Modular Retaining Wall System	60.09	7.85
		For >3:1 Sloped Soil At Top, Add	*3.77*	
32 32 23 13-0005	SF	8 To 12' Height "Amastone" Type Modular Retaining Wall System	62.66	8.64
		For >3:1 Sloped Soil At Top, Add	*3.86*	
32 32 23 13-0006	SF	12 To 16' Height "Amastone" Type Modular Retaining Wall System	65.37	9.43
		For >3:1 Sloped Soil At Top, Add	*3.96*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0007		"Diamond" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0008	SF	Up To 4' Height "Diamond" Type Modular Retaining Wall System	59.15	7.46
		For >3:1 Sloped Soil At Top, Add	*3.76*	
32 32 23 13-0009	SF	4 To 8' Height "Diamond" Type Modular Retaining Wall System	62.28	7.85
		For >3:1 Sloped Soil At Top, Add	*3.96*	
32 32 23 13-0010	SF	8 To 12' Height "Diamond" Type Modular Retaining Wall System	64.86	8.64
		For >3:1 Sloped Soil At Top, Add	*4.04*	
32 32 23 13-0011	SF	12 To 16' Height "Diamond" Type Modular Retaining Wall System	67.57	9.43
		For >3:1 Sloped Soil At Top, Add	*4.14*	
32 32 23 13-0012		"Keystone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0013	SF	Up To 4' Height "Keystone" Type Modular Retaining Wall System	64.40	7.46
		For >3:1 Sloped Soil At Top, Add	*4.21*	
32 32 23 13-0014	SF	4 To 8' Height "Keystone" Type Modular Retaining Wall System	67.53	7.85
		For >3:1 Sloped Soil At Top, Add	*4.40*	
32 32 23 13-0015	SF	8 To 12' Height "Keystone" Type Modular Retaining Wall System	70.11	8.64
		For >3:1 Sloped Soil At Top, Add	*4.49*	
32 32 23 13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System	72.82	9.43
		For >3:1 Sloped Soil At Top, Add	*4.59*	
32 32 23 13-0017		"Criblock" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0018	SF	Up To 4' Height "Criblock" Type Modular Retaining Wall System	56.95	7.46
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >3:1 Sloped Soil At Top, Add	*3.57*	
32 32 23 13-0019	SF	4 To 8' Height "Criblock" Type Modular Retaining Wall System	60.09	7.85
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >3:1 Sloped Soil At Top, Add	*3.77*	
32 32 23 13-0020	SF	8 To 12' Height "Criblock" Type Modular Retaining Wall System	62.66	8.64
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >3:1 Sloped Soil At Top, Add	*3.86*	
32 32 23 13-0021	SF	12 To 16' Height "Criblock" Type Modular Retaining Wall System	65.37	9.43
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
		For >3:1 Sloped Soil At Top, Add	*3.96*	
32 32 23 13-0022		"Versa-Lok" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0023	SF	Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System	50.29	7.46
		For >3:1 Sloped Soil At Top, Add	*3.01*	
32 32 23 13-0024	SF	4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System	55.62	7.85
		For >3:1 Sloped Soil At Top, Add	*3.39*	
32 32 23 13-0025	SF	8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System	58.23	8.64
		For >3:1 Sloped Soil At Top, Add	*3.48*	
32 32 23 13-0026	SF	12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System	60.54	9.43
		For >3:1 Sloped Soil At Top, Add	*3.54*	
32 32 23 13-0027		Retaining Wall Cap Block Restoration *(32 32 23 13-0001)*		
		Note: Includes removal of existing cap block and installation of new cap block to match.		
32 32 23 13-0028	LF	Removal And Reinstall Retaining Wall Cap Block And Pins	25.83	
		For >3:1 Sloped Soil At Top, Add	*1.27*	

32 32 26 Metal Crib Retaining Walls *(32 32)*

32 32 26 00-0001		Aluminized Steel Bin *(32 32 26)*		
		Note: Excludes excavation and backfill.		
32 32 26 00-0002	SF	4' High, 5.5' Deep Aluminized Steel Bin	22.49	4.03
		For Galvanized Type, Deduct	*-1.44*	
		For >3:1 Sloped Soil At Top, Add	*1.23*	
32 32 26 00-0003	SF	8' High, 5.5' Deep Aluminized Steel Bin	24.76	4.03
		For Galvanized Type, Deduct	*-1.66*	
		For >3:1 Sloped Soil At Top, Add	*1.41*	
32 32 26 00-0004	SF	10' High, 7.7' Deep Aluminized Steel Bin	26.48	4.41
		For Galvanized Type, Deduct	*-1.77*	
		For >3:1 Sloped Soil At Top, Add	*1.51*	
32 32 26 00-0005	SF	12' High, 7.7' Deep Aluminized Steel Bin	30.14	4.97
		For Galvanized Type, Deduct	*-2.02*	
		For >3:1 Sloped Soil At Top, Add	*1.72*	
32 32 26 00-0006	SF	16' High, 7.7' Deep Aluminized Steel Bin	29.34	5.16
		For Galvanized Type, Deduct	*-1.91*	
		For >3:1 Sloped Soil At Top, Add	*1.62*	
32 32 26 00-0007	SF	16' High, 9.9' Deep Aluminized Steel Bin	32.24	5.25
		For Galvanized Type, Deduct	*-2.18*	
		For >3:1 Sloped Soil At Top, Add	*1.85*	
32 32 26 00-0008	SF	20' High, 9.9' Deep Aluminized Steel Bin	35.56	5.53
		For Galvanized Type, Deduct	*-2.44*	
		For >3:1 Sloped Soil At Top, Add	*2.07*	
32 32 26 00-0009	SF	20' High, 12.1' Deep Aluminized Steel Bin	36.47	5.82
		For Galvanized Type, Deduct	*-2.49*	
		For >3:1 Sloped Soil At Top, Add	*2.12*	
32 32 26 00-0010	SF	24' High, 12.1' Deep Aluminized Steel Bin	38.13	5.82
		For Galvanized Type, Deduct	*-2.65*	
		For >3:1 Sloped Soil At Top, Add	*2.25*	
32 32 26 00-0011	SF	24' High, 14.3' Deep Aluminized Steel Bin	39.78	5.91
		For Galvanized Type, Deduct	*-2.81*	
		For >3:1 Sloped Soil At Top, Add	*2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 26 00-0012	SF	28' High, 14.3' Deep Aluminized Steel Bin	41.02	6.01
		For Galvanized Type, Deduct	*-2.91*	
		For >3:1 Sloped Soil At Top, Add	*2.47*	

32 32 29 Timber Retaining Walls *(32 32)*

32 32 29 00-0001 Wood Post Retaining Walls *(32 32 29)*

Note: System elements include wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0002	LF	4" x 4", 1' High, Redwood, Wood Post Retaining Walls	66.86	24.44
		For >3:1 Sloped Soil At Top, Add	*1.54*	
32 32 29 00-0003	LF	4" x 4", 2' High, Redwood, Wood Post Retaining Walls	130.88	47.86
		For >3:1 Sloped Soil At Top, Add	*2.99*	
32 32 29 00-0004	LF	4" x 4", 1' High, Cedar, Wood Post Retaining Walls	64.56	24.44
		For >3:1 Sloped Soil At Top, Add	*1.34*	
32 32 29 00-0005	LF	4" x 4", 2' High, Cedar, Wood Post Retaining Walls	126.40	47.86
		For >3:1 Sloped Soil At Top, Add	*2.61*	
32 32 29 00-0006	LF	4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls	67.89	21.35
		For >3:1 Sloped Soil At Top, Add	*2.14*	
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	132.91	41.77
		For >3:1 Sloped Soil At Top, Add	*4.19*	
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls	53.18	18.95
		For >3:1 Sloped Soil At Top, Add	*1.30*	
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls	96.15	34.31
		For >3:1 Sloped Soil At Top, Add	*2.34*	
32 32 29 00-0010	LF	6" x 6", 2' High, Redwood, Wood Post Retaining Walls	174.86	57.97
		For >3:1 Sloped Soil At Top, Add	*5.01*	
32 32 29 00-0011	LF	6" x 6", 4' High, Redwood, Wood Post Retaining Walls	345.04	113.63
		For >3:1 Sloped Soil At Top, Add	*10.02*	
32 32 29 00-0012	LF	6" x 6", 2' High, Cedar, Wood Post Retaining Walls	172.30	57.97
		For >3:1 Sloped Soil At Top, Add	*4.79*	
32 32 29 00-0013	LF	6" x 6", 4' High, Cedar, Wood Post Retaining Walls	338.64	113.63
		For >3:1 Sloped Soil At Top, Add	*9.47*	
32 32 29 00-0014	LF	6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	174.22	47.09
		For >3:1 Sloped Soil At Top, Add	*6.80*	
32 32 29 00-0015	LF	6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	346.04	92.96
		For >3:1 Sloped Soil At Top, Add	*13.60*	
32 32 29 00-0016	LF	6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls	119.57	37.65
		For >3:1 Sloped Soil At Top, Add	*3.76*	
32 32 29 00-0017	LF	6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls	235.08	73.67
		For >3:1 Sloped Soil At Top, Add	*7.46*	
32 32 29 00-0018	LF	8" x 8", 4' High, Redwood, Wood Post Retaining Walls	426.84	125.64
		For >3:1 Sloped Soil At Top, Add	*14.92*	
32 32 29 00-0019	LF	8" x 8", 6' High, Redwood, Wood Post Retaining Walls	798.30	234.56
		For >3:1 Sloped Soil At Top, Add	*27.99*	
32 32 29 00-0020	LF	8" x 8", 4' High, Cedar, Wood Post Retaining Walls	414.03	125.64
		For >3:1 Sloped Soil At Top, Add	*13.83*	
32 32 29 00-0021	LF	8" x 8", 6' High, Cedar, Wood Post Retaining Walls	773.96	234.56
		For >3:1 Sloped Soil At Top, Add	*25.92*	
32 32 29 00-0022	LF	8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	479.72	144.94
		For >3:1 Sloped Soil At Top, Add	*16.14*	
32 32 29 00-0023	LF	8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls	894.95	270.66
		For >3:1 Sloped Soil At Top, Add	*30.06*	
32 32 29 00-0024	LF	8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls	339.98	117.15
		For >3:1 Sloped Soil At Top, Add	*8.98*	
32 32 29 00-0025	LF	8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls	630.57	217.32
		For >3:1 Sloped Soil At Top, Add	*16.66*	
32 32 29 00-0026	LF	4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	128.67	48.28
		For >3:1 Sloped Soil At Top, Add	*2.72*	
32 32 29 00-0027	LF	6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	192.35	72.47
		For >3:1 Sloped Soil At Top, Add	*4.03*	
32 32 29 00-0028	LF	8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	255.96	96.57
		For >3:1 Sloped Soil At Top, Add	*5.34*	
32 32 29 00-0029	LF	4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	85.99	27.27
		For >3:1 Sloped Soil At Top, Add	*2.67*	
32 32 29 00-0030	LF	6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	124.87	39.36
		For >3:1 Sloped Soil At Top, Add	*3.92*	
32 32 29 00-0031	LF	8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	169.05	53.17
		For >3:1 Sloped Soil At Top, Add	*5.34*	

32 32 29 00-0032 Post And Board Retaining Walls *(32 32 29)*

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0033	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls	52.24	14.50
		For >3:1 Sloped Soil At Top, Add	*1.98*	
32 32 29 00-0034	LF	4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls	80.91	24.79
		For >3:1 Sloped Soil At Top, Add	*2.67*	
32 32 29 00-0035	LF	6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls	105.80	30.79
		For >3:1 Sloped Soil At Top, Add	*3.76*	
32 32 29 00-0036	LF	6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls	148.07	43.65
		For >3:1 Sloped Soil At Top, Add	*5.17*	
32 32 29 00-0037	LF	6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	193.61	56.77
		For >3:1 Sloped Soil At Top, Add	*6.81*	
32 32 29 00-0038	LF	8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	396.35	112.35
		For >3:1 Sloped Soil At Top, Add	*14.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0039	LF	8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls	447.39	124.44
		For >3:1 Sloped Soil At Top, Add	*16.88*	
32 32 29 00-0040	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls	53.13	15.10
		For >3:1 Sloped Soil At Top, Add	*1.95*	
32 32 29 00-0041	LF	4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	93.34	26.85
		For >3:1 Sloped Soil At Top, Add	*3.38*	
32 32 29 00-0042	LF	6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	91.73	26.33
		For >3:1 Sloped Soil At Top, Add	*3.32*	
32 32 29 00-0043	LF	6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls	128.80	37.82
		For >3:1 Sloped Soil At Top, Add	*4.52*	
32 32 29 00-0044	LF	6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls	200.87	60.37
		For >3:1 Sloped Soil At Top, Add	*6.81*	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	158.75	46.40
		For >3:1 Sloped Soil At Top, Add	*5.61*	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	409.94	115.95
		For >3:1 Sloped Soil At Top, Add	*15.14*	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	68.94	27.88
		For >3:1 Sloped Soil At Top, Add	*1.12*	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	99.56	39.62
		For >3:1 Sloped Soil At Top, Add	*1.73*	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	143.93	54.37
		For >3:1 Sloped Soil At Top, Add	*2.99*	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	252.11	91.77
		For >3:1 Sloped Soil At Top, Add	*5.83*	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	255.31	91.77
		For >3:1 Sloped Soil At Top, Add	*6.10*	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	240.43	88.17
		For >3:1 Sloped Soil At Top, Add	*5.45*	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	564.44	202.83
		For >3:1 Sloped Soil At Top, Add	*13.50*	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	68.94	27.88
		For >3:1 Sloped Soil At Top, Add	*1.12*	
32 32 29 00-0055	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	99.56	39.62
		For >3:1 Sloped Soil At Top, Add	*1.73*	
32 32 29 00-0056	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	143.93	54.37
		For >3:1 Sloped Soil At Top, Add	*2.99*	
32 32 29 00-0057	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	180.75	67.67
		For >3:1 Sloped Soil At Top, Add	*3.87*	
32 32 29 00-0058	LF	6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls	252.11	91.77
		For >3:1 Sloped Soil At Top, Add	*5.83*	
32 32 29 00-0059	LF	6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls	240.43	88.17
		For >3:1 Sloped Soil At Top, Add	*5.45*	
32 32 29 00-0060	LF	8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls	564.44	202.83
		For >3:1 Sloped Soil At Top, Add	*13.50*	

32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' *(32 32 29)*

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0062 Redwood *(32 32 29 00-0061)*

32 32 29 00-0063	LF	2' High, 6" x 6" Wood Tie Wall	90.18	29.68
		For >3:1 Sloped Soil At Top, Add	*2.61*	
32 32 29 00-0064	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	205.73	67.67
		For >3:1 Sloped Soil At Top, Add	*5.99*	
32 32 29 00-0065	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	308.01	101.46
		For >3:1 Sloped Soil At Top, Add	*8.93*	
32 32 29 00-0066	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	295.60	86.96
		For >3:1 Sloped Soil At Top, Add	*10.34*	
32 32 29 00-0067	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	444.16	130.45
		For >3:1 Sloped Soil At Top, Add	*15.57*	
32 32 29 00-0068	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	586.41	171.53
		For >3:1 Sloped Soil At Top, Add	*20.69*	

32 32 29 00-0069 Cedar *(32 32 29 00-0061)*

32 32 29 00-0070	LF	2' High, 6" x 6" Wood Tie Wall	88.90	29.68
		For >3:1 Sloped Soil At Top, Add	*2.50*	
32 32 29 00-0071	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	201.89	67.67
		For >3:1 Sloped Soil At Top, Add	*5.66*	
32 32 29 00-0072	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	302.89	101.46
		For >3:1 Sloped Soil At Top, Add	*8.49*	
32 32 29 00-0073	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	286.64	86.96
		For >3:1 Sloped Soil At Top, Add	*9.58*	
32 32 29 00-0074	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	431.35	130.45
		For >3:1 Sloped Soil At Top, Add	*14.48*	
32 32 29 00-0075	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	568.47	171.53
		For >3:1 Sloped Soil At Top, Add	*19.16*	

32 32 29 00-0076 Pressure Treated Wood *(32 32 29 00-0061)*

32 32 29 00-0077	LF	2' High, 6" x 6" Wood Tie Wall	77.93	24.53
		For >3:1 Sloped Soil At Top, Add	*2.46*	
32 32 29 00-0078	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	177.10	55.58
		For >3:1 Sloped Soil At Top, Add	*5.61*	
32 32 29 00-0079	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	265.32	83.36
		For >3:1 Sloped Soil At Top, Add	*8.38*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0080		LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	290.76	100.26
			For >3:1 Sloped Soil At Top, Add	*7.68*	
32 32 29 00-0081		LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	436.66	149.82
			For >3:1 Sloped Soil At Top, Add	*11.65*	
32 32 29 00-0082		LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	579.03	199.23
			For >3:1 Sloped Soil At Top, Add	*15.35*	

32 32 53 Stone Retaining Walls *(32 32)*

32 32 53 00-0001 Stone Retaining Walls *(32 32 53)*

Note: Construction is either dry set or mortar set. System elements include concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

32 32 53 00-0002 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $16.00/ton.

32 32 53 00-0003		LF	$16.00/ton 3' High Stone Retaining Wall, Dry Set	382.52	176.75
			For >3:1 Sloped Soil At Top, Add	*2.46*	
32 32 53 00-0004		LF	$16.00/ton 4' High Stone Retaining Wall, Dry Set	452.26	210.28
			For >3:1 Sloped Soil At Top, Add	*2.69*	
32 32 53 00-0005		LF	$16.00/ton 6' High Stone Retaining Wall, Dry Set	595.77	279.38
			For >3:1 Sloped Soil At Top, Add	*3.15*	
32 32 53 00-0006		LF	$16.00/ton 8' High Stone Retaining Wall, Dry Set	921.50	436.83
			For >3:1 Sloped Soil At Top, Add	*4.06*	
32 32 53 00-0007		LF	$16.00/ton 10' High Stone Retaining Wall, Dry Set	1,199.42	571.42
			For >3:1 Sloped Soil At Top, Add	*4.81*	
32 32 53 00-0008		LF	$16.00/ton 12' High Stone Retaining Wall, Dry Set	1,489.85	711.58
			For >3:1 Sloped Soil At Top, Add	*5.66*	
32 32 53 00-0009		LF	$16.00/ton 3' High Stone Retaining Wall, Mortar Set	341.94	156.50
			For >3:1 Sloped Soil At Top, Add	*2.46*	
32 32 53 00-0010		LF	$16.00/ton 4' High Stone Retaining Wall, Mortar Set	402.00	185.16
			For >3:1 Sloped Soil At Top, Add	*2.69*	
32 32 53 00-0011		LF	$16.00/ton 6' High Stone Retaining Wall, Mortar Set	521.59	242.24
			For >3:1 Sloped Soil At Top, Add	*3.15*	
32 32 53 00-0012		LF	$16.00/ton 8' High Stone Retaining Wall, Mortar Set	802.09	377.15
			For >3:1 Sloped Soil At Top, Add	*4.06*	
32 32 53 00-0013		LF	$16.00/ton 10' High Stone Retaining Wall, Mortar Set	1,031.93	487.71
			For >3:1 Sloped Soil At Top, Add	*4.81*	
32 32 53 00-0014		LF	$16.00/ton 12' High Stone Retaining Wall, Mortar Set	1,283.25	608.32
			For >3:1 Sloped Soil At Top, Add	*5.66*	

32 32 53 00-0015 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $32.00/ton.

32 32 53 00-0016		LF	$32.00/ton 3' High Stone Retaining Wall, Dry Set	391.27	176.75
			For >3:1 Sloped Soil At Top, Add	*3.20*	
32 32 53 00-0017		LF	$32.00/ton 4' High Stone Retaining Wall, Dry Set	464.37	210.28
			For >3:1 Sloped Soil At Top, Add	*3.72*	
32 32 53 00-0018		LF	$32.00/ton 6' High Stone Retaining Wall, Dry Set	613.27	279.38
			For >3:1 Sloped Soil At Top, Add	*4.63*	
32 32 53 00-0019		LF	$32.00/ton 8' High Stone Retaining Wall, Dry Set	947.08	436.83
			For >3:1 Sloped Soil At Top, Add	*6.24*	
32 32 53 00-0020		LF	$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,234.43	571.42
			For >3:1 Sloped Soil At Top, Add	*7.78*	
32 32 53 00-0021		LF	$32.00/ton 12' High Stone Retaining Wall, Dry Set	1,534.28	711.58
			For >3:1 Sloped Soil At Top, Add	*9.44*	
32 32 53 00-0022		LF	$32.00/ton 3' High Stone Retaining Wall, Mortar Set	350.69	156.50
			For >3:1 Sloped Soil At Top, Add	*3.20*	
32 32 53 00-0023		LF	$32.00/ton 4' High Stone Retaining Wall, Mortar Set	414.11	185.16
			For >3:1 Sloped Soil At Top, Add	*3.72*	
32 32 53 00-0024		LF	$32.00/ton 6' High Stone Retaining Wall, Mortar Set	539.09	242.24
			For >3:1 Sloped Soil At Top, Add	*4.63*	
32 32 53 00-0025		LF	$32.00/ton 8' High Stone Retaining Wall, Mortar Set	827.67	377.15
			For >3:1 Sloped Soil At Top, Add	*6.24*	
32 32 53 00-0026		LF	$32.00/ton 10' High Stone Retaining Wall, Mortar Set	1,066.94	487.71
			For >3:1 Sloped Soil At Top, Add	*7.78*	
32 32 53 00-0027		LF	$32.00/ton 12' High Stone Retaining Wall, Mortar Set	1,327.68	608.32
			For >3:1 Sloped Soil At Top, Add	*9.44*	

32 32 53 00-0028 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $48.00/ton.

32 32 53 00-0029		LF	$48.00/ton 3' High Stone Retaining Wall, Dry Set	400.69	176.75
			For >3:1 Sloped Soil At Top, Add	*4.01*	
32 32 53 00-0030		LF	$48.00/ton 4' High Stone Retaining Wall, Dry Set	476.36	210.28
			For >3:1 Sloped Soil At Top, Add	*4.74*	
32 32 53 00-0031		LF	$48.00/ton 6' High Stone Retaining Wall, Dry Set	630.10	279.38
			For >3:1 Sloped Soil At Top, Add	*6.06*	
32 32 53 00-0032		LF	$48.00/ton 8' High Stone Retaining Wall, Dry Set	972.66	436.83
			For >3:1 Sloped Soil At Top, Add	*8.41*	
32 32 53 00-0033		LF	$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,269.43	571.42
			For >3:1 Sloped Soil At Top, Add	*10.76*	
32 32 53 00-0034		LF	$48.00/ton 12' High Stone Retaining Wall, Dry Set	1,579.38	711.58
			For >3:1 Sloped Soil At Top, Add	*13.27*	
32 32 53 00-0035		LF	$48.00/ton 3' High Stone Retaining Wall, Mortar Set	360.11	156.50
			For >3:1 Sloped Soil At Top, Add	*4.01*	
32 32 53 00-0036		LF	$48.00/ton 4' High Stone Retaining Wall, Mortar Set	426.23	185.16
			For >3:1 Sloped Soil At Top, Add	*4.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0037	LF	$48.00/ton 6' High Stone Retaining Wall, Mortar Set	555.92	242.24
		For >3:1 Sloped Soil At Top, Add	*6.06*	
32 32 53 00-0038	LF	$48.00/ton 8' High Stone Retaining Wall, Mortar Set	853.25	377.15
		For >3:1 Sloped Soil At Top, Add	*8.41*	
32 32 53 00-0039	LF	$48.00/ton 10' High Stone Retaining Wall, Mortar Set	1,101.94	487.71
		For >3:1 Sloped Soil At Top, Add	*10.76*	
32 32 53 00-0040	LF	$48.00/ton 12' High Stone Retaining Wall, Mortar Set	1,372.78	608.32
		For >3:1 Sloped Soil At Top, Add	*13.27*	

32 32 53 00-0041 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $64.00/ton.

32 32 53 00-0042	LF	$64.00/ton 3' High Stone Retaining Wall, Dry Set	410.11	176.75
		For >3:1 Sloped Soil At Top, Add	*4.81*	
32 32 53 00-0043	LF	$64.00/ton 4' High Stone Retaining Wall, Dry Set	475.14	210.28
		For >3:1 Sloped Soil At Top, Add	*4.63*	
32 32 53 00-0044	LF	$64.00/ton 6' High Stone Retaining Wall, Dry Set	648.28	279.38
		For >3:1 Sloped Soil At Top, Add	*7.61*	
32 32 53 00-0045	LF	$64.00/ton 8' High Stone Retaining Wall, Dry Set	999.59	436.83
		For >3:1 Sloped Soil At Top, Add	*10.70*	
32 32 53 00-0046	LF	$64.00/ton 10' High Stone Retaining Wall, Dry Set	1,305.78	571.42
		For >3:1 Sloped Soil At Top, Add	*13.85*	
32 32 53 00-0047	LF	$64.00/ton 12' High Stone Retaining Wall, Dry Set	1,625.15	711.58
		For >3:1 Sloped Soil At Top, Add	*17.16*	
32 32 53 00-0048	LF	$64.00/ton 3' High Stone Retaining Wall, Mortar Set	369.53	156.50
		For >3:1 Sloped Soil At Top, Add	*4.81*	
32 32 53 00-0049	LF	$64.00/ton 4' High Stone Retaining Wall, Mortar Set	438.35	185.16
		For >3:1 Sloped Soil At Top, Add	*5.78*	
32 32 53 00-0050	LF	$64.00/ton 6' High Stone Retaining Wall, Mortar Set	574.10	242.24
		For >3:1 Sloped Soil At Top, Add	*7.61*	
32 32 53 00-0051	LF	$64.00/ton 8' High Stone Retaining Wall, Mortar Set	880.18	377.15
		For >3:1 Sloped Soil At Top, Add	*10.70*	
32 32 53 00-0052	LF	$64.00/ton 10' High Stone Retaining Wall, Mortar Set	1,138.29	487.71
		For >3:1 Sloped Soil At Top, Add	*13.85*	
32 32 53 00-0053	LF	$64.00/ton 12' High Stone Retaining Wall, Mortar Set	1,418.55	608.32
		For >3:1 Sloped Soil At Top, Add	*17.16*	

32 33 Site Furnishings *(32 30)*

32 33 13 Site Bicycle Racks *(32 33)*

32 33 13 00-0001 Bicycle Organizer And Rack *(32 33 13)*

32 33 13 00-0002 Vertical Style Bike Racks Single/Double Sided, Galvanized *(32 33 13 00-0001)*

32 33 13 00-0003 Double Sided *(32 33 13 00-0002)*

32 33 13 00-0004	EA	5' Galvanized Steel Double Sided Bike Rack, 9 Bikes	502.87	99.53
32 33 13 00-0005	EA	10' Galvanized Steel Double Sided Bike Rack, 18 Bikes	762.60	163.50
32 33 13 00-0006	EA	20' Galvanized Steel Double Sided Bike Rack, 36 Bikes	1,304.08	248.82

32 33 13 00-0007 Single Sided *(32 33 13 00-0002)*

32 33 13 00-0008	EA	5' Galvanized Steel Single Sided Bike Rack, 5 Bikes	440.69	88.86
32 33 13 00-0009	EA	10' Galvanized Steel Single Sided Bike Rack, 9 Bikes	628.81	147.87
32 33 13 00-0010	EA	20' Galvanized Steel Single Sided Bike Rack, 18 Bikes	1,070.16	222.16

32 33 13 00-0011 Anchor Set For Vertical Style Bike Rack *(32 33 13 00-0002)*

32 33 13 00-0012	PR	Anchor Set For Vertical Style Bike Rack Note: Anchoring frame to ground.	89.11	

32 33 13 00-0013 Bike Racks Ground Loop *(32 33 13 00-0001)*

Note: In-ground mount.

32 33 13 00-0014	EA	83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes	689.47	174.38

32 33 13 00-0015 Serpentine Bike Racks *(32 33 13 00-0001)*

Note: In-ground mount.

32 33 13 00-0016 Galvanized, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0017	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized	386.31	106.63
32 33 13 00-0018	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized	515.21	115.53
32 33 13 00-0019	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized	644.11	124.41
32 33 13 00-0020	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized	788.88	133.29
32 33 13 00-0021	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized	933.66	142.18
32 33 13 00-0022	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized	1,014.93	151.06

32 33 13 00-0023 Galvanized, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*

32 33 13 00-0024	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized	432.85	106.63
32 33 13 00-0025	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized	548.76	115.53
32 33 13 00-0026	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized	664.68	124.41
32 33 13 00-0027	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized	768.32	133.29
32 33 13 00-0028	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized	884.23	142.18
32 33 13 00-0029	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized	1,024.67	151.06

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 13 00-0030		**Powder Coated, 36" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0031	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated	386.31	106.63
32 33 13 00-0032	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated	515.21	115.53
32 33 13 00-0033	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated	644.11	124.41
32 33 13 00-0034	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated	788.88	133.29
32 33 13 00-0035	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated	933.66	142.18
32 33 13 00-0036	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated	1,014.93	151.06
32 33 13 00-0037		**Powder Coated, 42" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0038	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated	445.12	106.63
32 33 13 00-0039	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated	573.29	115.53
32 33 13 00-0040	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated	689.21	124.41
32 33 13 00-0041	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated	829.65	133.29
32 33 13 00-0042	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated	945.56	142.18
32 33 13 00-0043	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated	1,098.27	151.06
32 33 13 00-0044		**Stainless Steel, 36" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0045	EA	1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	699.04	106.63
32 33 13 00-0046	EA	3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,028.75	115.53
32 33 13 00-0047	EA	5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,358.50	124.41
32 33 13 00-0048	EA	7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	1,732.79	133.29
32 33 13 00-0049	EA	9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	2,107.08	142.18
32 33 13 00-0050	EA	11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	2,303.11	151.06
32 33 13 00-0051		**Stainless Steel, 42" High, 2-3/8" OD Tubing** *(32 33 13 00-0015)*		
32 33 13 00-0052	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	555.52	106.63
32 33 13 00-0053	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,186.65	115.53
32 33 13 00-0054	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,547.92	124.41
32 33 13 00-0055	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	1,884.63	133.29
32 33 13 00-0056	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	2,233.62	142.18
32 33 13 00-0057	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	2,594.87	151.06
32 33 13 00-0058		**Bike Racks Bollards/Bicycle Posts** *(32 33 13 00-0001)* Note: In-ground mount.		
32 33 13 00-0059	EA	43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G)	405.22	79.98
32 33 23		**Site Trash and Litter Receptacles** *(32 33)*		
32 33 23 00-0001		**Steel Trash Containment** *(32 33 23)*		
32 33 23 00-0002		**Steel Frame Surrounded With Kiln-Dried Wood** *(32 33 23 00-0001)*		
32 33 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	336.17	42.49
32 33 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	321.95	42.49
32 33 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	321.95	42.49
32 33 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	305.95	42.49
32 33 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	336.17	42.49
32 33 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	305.95	42.49
32 33 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	410.83	42.49
32 33 23 00-0010		**Square Steel Frames Surrounded With Flat Steel** *(32 33 23 00-0001)*		
32 33 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	589.71	42.49
32 33 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	634.88	42.49
32 33 23 00-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	634.88	42.49
32 33 23 00-0014		**Round Steel Pipe And Flat Steel Frames** *(32 33 23 00-0001)* Note: Surrounded with kiln-dried wood.		
32 33 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	860.75	42.49
32 33 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	925.28	42.49
32 33 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,062.42	42.49
32 33 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	965.62	42.49
32 33 23 00-0019		**Round Steel Pipe Surrounded With Perforated** *(32 33 23 00-0001)*		
32 33 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	772.02	42.49
32 33 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	836.55	42.49
32 33 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	973.68	42.49
32 33 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	884.95	42.49
32 33 23 00-0024		**Round Steel Pipe Frames Surrounded With Welded Wire** *(32 33 23 00-0001)*		
32 33 23 00-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	618.75	42.49
32 33 23 00-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	683.28	42.49
32 33 23 00-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	820.42	42.49
32 33 23 00-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	731.68	42.49

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0029		Litter Baskets *(32 33 23)*		
32 33 23 00-0030		Round Wire Litter Baskets *(32 33 23 00-0029)*		
32 33 23 00-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket	106.77	4.32
32 33 23 00-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket	134.37	4.32
32 33 23 00-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket	181.21	4.32
32 33 23 00-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket	207.64	4.32
32 33 23 00-0035		Trash Can/Wire Basket Holder *(32 33 23 00-0029)*		
32 33 23 00-0036	EA	Steel Post, Single Holder	163.54	34.70
32 33 23 00-0037	EA	Steel Post, Double Holder	216.37	34.70
32 33 23 00-0038	EA	Redwood Post, Single Holder	103.28	34.70
32 33 23 00-0039	EA	Redwood Post, Double Holder	118.63	34.70
32 33 23 00-0040		Litter Receptacles, Freestanding *(32 33 23 00-0029)*		
		Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded	853.08	17.70
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded	897.52	17.70
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded	1,048.55	26.55
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded	1,092.99	26.55
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	1,137.43	26.55
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	1,181.87	26.55
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount	943.71	23.01
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
32 33 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount	988.14	23.01
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
32 33 23 00-0049		Ash Receptacles *(32 33 23)*		
32 33 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded	538.31	17.70
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Sand Pan, Add	*110.00*	
		For Bowl And Funnel, Add	*120.00*	
32 33 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner	226.54	17.70
32 33 23 00-0052		Trash Receptacles *(32 33 23)*		
32 33 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner	701.99	17.70
32 33 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	307.91	17.70
32 33 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish	581.11	17.70
32 33 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish	606.06	19.47
32 33 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish	652.40	21.24
32 33 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	212.68	14.16
32 33 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	251.08	14.16
32 33 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass	309.90	17.70
32 33 23 00-0061		Trash Containers (Dumpsters) *(32 33 23)*		
32 33 23 00-0062	EA	1 CY Straight Side Trash Dumpster	171.93	
32 33 23 00-0063	EA	1.5 CY Straight Side Trash Dumpster	257.90	
32 33 23 00-0064	EA	2 CY Straight Side Trash Dumpster	343.87	
32 33 23 00-0065	EA	2 CY Sloped Side Trash Dumpster	343.87	
32 33 23 00-0066	EA	3 CY Sloped Side Trash Dumpster	515.80	
32 33 23 00-0067	EA	4 CY Sloped Side Trash Dumpster	687.74	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0068	EA	6 CY Sloped Side Trash Dumpster	1,031.61	
32 33 23 00-0069	EA	8 CY Sloped Side Trash Dumpster	1,375.47	

32 33 33 Site Manufactured Planters *(32 33)*

32 33 33 00-0001 Precast Concrete Planters *(32 33 33)*

32 33 33 00-0002 Circular Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter	476.27	21.27
32 33 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter	534.10	25.53
32 33 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter	583.42	25.53
32 33 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter	634.00	29.78
32 33 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter	768.51	38.29
32 33 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter	835.24	38.29
32 33 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter	940.94	42.55
32 33 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter	993.16	42.55
32 33 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter	1,108.71	53.19
32 33 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter	1,179.35	56.59
32 33 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter	1,228.82	59.57
32 33 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter	1,115.46	53.19
32 33 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter	1,227.37	59.57
32 33 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter	1,568.07	63.82
32 33 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter	2,034.37	80.84
32 33 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter	2,360.56	85.10

32 33 33 00-0019 Square Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter	964.56	55.32
32 33 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter	1,102.99	59.57
32 33 33 00-0022	EA	60" Square, 36" Height, Square Precast Concrete Planter	1,733.24	68.07
32 33 33 00-0023	EA	72" Square, 36" Height, Square Precast Concrete Planter	1,849.08	72.33

32 33 33 00-0024 Rectangular Precast Concrete Planters *(32 33 33 00-0001)*

32 33 33 00-0025	EA	33" x 18", 20" Height, Rectangular Precast Concrete Planter	555.86	25.53
32 33 33 00-0026	EA	48" x 18", 20" Height, Rectangular Precast Concrete Planter	655.37	38.29
32 33 33 00-0027	EA	60" x 18", 20" Height, Rectangular Precast Concrete Planter	759.61	42.55
32 33 33 00-0028	EA	72" x 18", 20" Height, Rectangular Precast Concrete Planter	866.47	53.19

32 33 33 00-0029 Fiberglass Planters *(32 33 33)*

32 33 33 00-0030 Circular Fiberglass Planters *(32 33 33 00-0029)*

32 33 33 00-0031	EA	36" Diameter, 27" High, Circular Fiberglass Planter	1,161.45	21.27
32 33 33 00-0032	EA	60" Diameter, 39" High, Circular Fiberglass Planter	1,932.57	21.27
32 33 33 00-0033	EA	36" Diameter, 24" High, Circular Fiberglass Planter	774.51	21.27
32 33 33 00-0034	EA	60" Diameter, 24" High, Circular Fiberglass Planter	1,526.06	21.27

32 33 33 00-0035 Tapered Circular Fiberglass Planters *(32 33 33 00-0029)*

32 33 33 00-0036	EA	24" Diameter, 20" High, Tapered Circular Fiberglass Planter	452.20	21.27
32 33 33 00-0037	EA	30" Diameter, 25" High, Tapered Circular Fiberglass Planter	662.74	21.27
32 33 33 00-0038	EA	36" Diameter, 30" High, Tapered Circular Fiberglass Planter	1,181.01	21.27
32 33 33 00-0039	EA	40" Diameter, 36" High, Tapered Circular Fiberglass Planter	1,649.00	21.27

32 33 33 00-0040 Square Fiberglass Planters *(32 33 33 00-0029)*

32 33 33 00-0041	EA	24" Square, 21" High, Square Fiberglass Planter	593.67	21.27
32 33 33 00-0042	EA	24" Square, 24" High, Square Fiberglass Planter	606.87	21.27
32 33 33 00-0043	EA	30" Square, 12" High, Square Fiberglass Planter	613.84	21.27
32 33 33 00-0044	EA	30" Square, 21" High, Square Fiberglass Planter	696.28	21.27
32 33 33 00-0045	EA	30" Square, 24" High, Square Fiberglass Planter	756.33	21.27

32 33 33 00-0046 Rectangular Fiberglass Planters *(32 33 33 00-0029)*

32 33 33 00-0047	EA	48" x 12", 12" High, Rectangular Fiberglass Planter	683.22	21.27
32 33 33 00-0048	EA	48" x 12", 21" High, Rectangular Fiberglass Planter	732.47	21.27
32 33 33 00-0049	EA	48" x 24", 12" High, Rectangular Fiberglass Planter	954.27	21.27
32 33 33 00-0050	EA	48" x 24", 21" High, Rectangular Fiberglass Planter	1,052.77	21.27

32 33 33 00-0051 Timber Planters *(32 33 33)*

32 33 33 00-0052 Square Timber Planters *(32 33 33 00-0051)*

32 33 33 00-0053	EA	14" Square, 30" High, Square Timber Planter	376.01	42.49
32 33 33 00-0054	EA	21" Square, 30" High, Square Timber Planter	376.01	42.49
32 33 33 00-0055	EA	27" Square, 30" High, Square Timber Planter	698.47	42.49
32 33 33 00-0056	EA	34" Square, 30" High, Square Timber Planter	607.63	42.49
32 33 33 00-0057	EA	41" Square, 36" High, Square Timber Planter	721.18	42.49
32 33 33 00-0058	EA	54" Square, 36" High, Square Timber Planter	1,829.35	42.49
32 33 33 00-0059	EA	81" Square, 36" High, Square Timber Planter	2,742.24	42.49

32 33 33 00-0060 Rectangular Timber Planters *(32 33 33 00-0051)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0061	EA	21" x 14", 30" High, Rectangular Timber Planter	371.46	42.49
32 33 33 00-0062	EA	27" x 14", 30" High, Rectangular Timber Planter	412.34	42.49
32 33 33 00-0063	EA	27" x 21", 30" High, Rectangular Timber Planter	534.97	42.49
32 33 33 00-0064	EA	34" x 21", 30" High, Rectangular Timber Planter	589.47	42.49
32 33 33 00-0065	EA	41" x 21", 30" High, Rectangular Timber Planter	752.97	42.49
32 33 33 00-0066	EA	34" x 27", 30" High, Rectangular Timber Planter	871.05	42.49
32 33 33 00-0067	EA	41" x 27", 30" High, Rectangular Timber Planter	970.97	42.49
32 33 33 00-0068	EA	54" x 27", 30" High, Rectangular Timber Planter	1,257.10	42.49
32 33 33 00-0069	EA	54" x 34", 30" High, Rectangular Timber Planter	1,416.06	42.49
32 33 33 00-0070	EA	68" x 34", 36" High, Rectangular Timber Planter	1,611.35	42.49
32 33 33 00-0071	EA	54" x 41", 36" High, Rectangular Timber Planter	1,534.14	42.49
32 33 33 00-0072	EA	68" x 41", 36" High, Rectangular Timber Planter	1,733.98	42.49
32 33 33 00-0073	EA	81" x 41", 36" High, Rectangular Timber Planter	1,938.35	42.49

32 33 43 Site Seating And Tables *(32 33)*

32 33 43 13 Site Seating *(32 33 43)*

32 33 43 13-0001 Benches (Landscapeforms) *(32 33 43 13)*

Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.

32 33 43 13-0002	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,349.08	70.82
32 33 43 13-0003	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	1,687.17	70.82
32 33 43 13-0004	EA	96" Backed Wood Bench (Landscapeforms Balustrade)	1,904.51	70.82
32 33 43 13-0005	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade)	156.15	17.70
32 33 43 13-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,475.08	70.82
32 33 43 13-0007	EA	96" Backless Wood Bench (Landscapeforms Gretchen's)	1,669.32	70.82
32 33 43 13-0008	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,821.56	70.82
32 33 43 13-0009	EA	96" Backed Wood Bench (Landscapeforms Gretchen's)	2,057.80	70.82
32 33 43 13-0010	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	2,084.05	70.82
32 33 43 13-0011	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,320.29	70.82
32 33 43 13-0012	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	2,706.25	70.82
32 33 43 13-0013	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	2,941.65	70.82
32 33 43 13-0014	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee)	762.87	53.11
32 33 43 13-0015	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee)	824.82	53.11
32 33 43 13-0016	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee)	892.07	61.96
32 33 43 13-0017	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee)	1,040.75	61.96
32 33 43 13-0018	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee)	954.02	61.96
32 33 43 13-0019	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee)	1,015.97	61.96
32 33 43 13-0020	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee)	1,095.62	70.82
32 33 43 13-0021	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee)	1,256.69	70.82
32 33 43 13-0022	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,065.53	61.96
32 33 43 13-0023	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,145.18	70.82
32 33 43 13-0024	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,207.13	70.82
32 33 43 13-0025	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,368.19	70.82
32 33 43 13-0026	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade)	2,178.54	70.82
32 33 43 13-0027	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade)	2,504.03	70.82
32 33 43 13-0028	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,397.38	70.82
32 33 43 13-0029	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,687.17	70.82
32 33 43 13-0030	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	1,832.06	70.82
32 33 43 13-0031	EA	72" Backed Wood Bench (Landscapeforms Plainwell)	1,784.81	70.82
32 33 43 13-0032	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	1,979.05	70.82
32 33 43 13-0033	EA	96" Backed Wood Bench (Landscapeforms Plainwell)	2,189.04	70.82
32 33 43 13-0034	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,383.28	70.82
32 33 43 13-0035	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	2,582.77	70.82
32 33 43 13-0036	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell)	2,273.04	70.82
32 33 43 13-0037	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,467.28	70.82
32 33 43 13-0038	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell)	2,787.51	70.82
32 33 43 13-0039	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,992.25	70.82
32 33 43 13-0040	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,181.25	70.82
32 33 43 13-0041	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	518.39	17.70
32 33 43 13-0042	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	696.88	17.70
32 33 43 13-0043	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	696.88	17.70
32 33 43 13-0044	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	633.88	17.70
32 33 43 13-0045	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	786.12	17.70
32 33 43 13-0046	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	786.12	17.70
32 33 43 13-0047	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	786.12	17.70
32 33 43 13-0048	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus)	120.74	17.70
32 33 43 13-0049	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio)	728.38	17.70
32 33 43 13-0050	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	807.12	17.70
32 33 43 13-0051	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	885.87	17.70
32 33 43 13-0052	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio)	880.62	17.70
32 33 43 13-0053	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	959.37	17.70
32 33 43 13-0054	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,038.11	17.70
32 33 43 13-0055	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio)	870.12	17.70
32 33 43 13-0056	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	948.87	17.70
32 33 43 13-0057	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,027.61	17.70
32 33 43 13-0058	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,064.36	17.70
32 33 43 13-0059	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,143.11	17.70
32 33 43 13-0060	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,221.85	17.70
32 33 43 13-0061	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,064.36	17.70
32 33 43 13-0062	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,143.11	17.70
32 33 43 13-0063	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,221.85	17.70
32 33 43 13-0064	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,454.08	70.82
32 33 43 13-0065	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,475.08	70.82
32 33 43 13-0066	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,795.31	70.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0067	EA	48" Backless Woven Bench (Landscapeforms Scarborough)	2,178.54	70.82
32 33 43 13-0068	EA	72" Backless Woven Bench (Landscapeforms Scarborough)	2,572.27	70.82
32 33 43 13-0069	EA	96" Backless Woven Bench (Landscapeforms Scarborough)	2,945.01	70.82
32 33 43 13-0070	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,170.59	70.82
32 33 43 13-0071	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,559.07	70.82
32 33 43 13-0072	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,595.82	70.82
32 33 43 13-0073	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	1,837.31	70.82
32 33 43 13-0074	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,073.55	70.82
32 33 43 13-0075	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,320.29	70.82
32 33 43 13-0076	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	2,561.77	70.82
32 33 43 13-0077	EA	24" Backed Woven Bench (Landscapeforms Scarborough)	2,073.55	70.82
32 33 43 13-0078	EA	48" Backed Woven Bench (Landscapeforms Scarborough)	2,509.28	70.82
32 33 43 13-0079	EA	72" Backed Woven Bench (Landscapeforms Scarborough)	2,934.51	70.82
32 33 43 13-0080	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,181.25	70.82
32 33 43 13-0081	EA	96" Backed Woven Bench (Landscapeforms Scarborough)	3,706.22	70.82
32 33 43 13-0082	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,947.71	70.82
32 33 43 13-0083	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	4,183.95	70.82
32 33 43 13-0084	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	990.14	61.96
32 33 43 13-0085	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,194.88	61.96
32 33 43 13-0086	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,305.12	61.96
32 33 43 13-0087	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,527.57	70.82
32 33 43 13-0088	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	1,732.31	70.82

32 33 43 13-0089 Benches (Columbia Cascade, TimberForm) *(32 33 43 13)*

32 33 43 13-0090 Wood Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*

Note: Includes powder coated steel frames.

32 33 43 13-0091	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	513.49	35.41
32 33 43 13-0092	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	586.47	35.41
32 33 43 13-0093	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	746.98	35.41
32 33 43 13-0094	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	535.40	35.41
32 33 43 13-0095	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	608.36	35.41
32 33 43 13-0096	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	776.16	35.41
32 33 43 13-0097	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	776.16	35.41
32 33 43 13-0098	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	900.19	35.41
32 33 43 13-0099	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	1,155.54	35.41
32 33 43 13-0100	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	812.64	35.41
32 33 43 13-0101	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	936.66	35.41
32 33 43 13-0102	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	1,206.61	35.41
32 33 43 13-0103	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	1,483.84	35.41
32 33 43 13-0104	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E)	1,739.19	35.41
32 33 43 13-0105	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E)	2,271.78	35.41
32 33 43 13-0106	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P)	1,520.32	35.41
32 33 43 13-0107	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P)	1,775.67	35.41
32 33 43 13-0108	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P)	2,322.85	35.41
32 33 43 13-0109	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E)	593.77	35.41
32 33 43 13-0110	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E)	666.72	35.41
32 33 43 13-0111	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P)	615.65	35.41
32 33 43 13-0112	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P)	688.61	35.41
32 33 43 13-0113	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E)	980.44	35.41
32 33 43 13-0114	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E)	1,155.54	35.41
32 33 43 13-0115	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P)	1,038.80	35.41
32 33 43 13-0116	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P)	1,213.90	35.41
32 33 43 13-0117	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6)	631.66	53.11
32 33 43 13-0118	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8)	660.84	53.11
32 33 43 13-0119	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10)	887.01	53.11
32 33 43 13-0120	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E)	484.33	35.41
32 33 43 13-0121	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E)	557.29	35.41
32 33 43 13-0122	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E)	630.24	35.41
32 33 43 13-0123	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E)	805.34	35.41
32 33 43 13-0124	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E)	878.30	35.41
32 33 43 13-0125	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P)	491.63	35.41
32 33 43 13-0126	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P)	564.58	35.41
32 33 43 13-0127	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P)	637.54	35.41
32 33 43 13-0128	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P)	827.23	35.41
32 33 43 13-0129	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P)	900.19	35.41
32 33 43 13-0130	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E)	819.93	35.41
32 33 43 13-0131	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E)	943.96	35.41
32 33 43 13-0132	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E)	1,213.90	35.41
32 33 43 13-0133	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E)	1,337.93	35.41
32 33 43 13-0134	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P)	834.52	35.41
32 33 43 13-0135	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P)	958.55	35.41
32 33 43 13-0136	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P)	1,235.79	35.41
32 33 43 13-0137	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P)	1,359.82	35.41
32 33 43 13-0138	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E)	819.93	35.41
32 33 43 13-0139	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E)	1,148.24	35.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0140	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E)	1,024.21	35.41
32 33 43 13-0141	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E)	1,345.22	35.41
32 33 43 13-0142	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E)	1,469.25	35.41
32 33 43 13-0143	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P)	936.66	35.41
32 33 43 13-0144	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P)	1,170.13	35.41
32 33 43 13-0145	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P)	1,038.80	35.41
32 33 43 13-0146	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P)	1,367.11	35.41
32 33 43 13-0147	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P)	1,491.14	35.41
32 33 43 13-0148	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6)	872.41	53.11
32 33 43 13-0149	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8)	1,003.74	53.11
32 33 43 13-0150	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10)	1,280.97	53.11
32 33 43 13-0151	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6)	952.67	53.11
32 33 43 13-0152	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8)	1,083.99	53.11
32 33 43 13-0153	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10)	1,405.00	53.11

32 33 43 13-0154 Recycled Plastic Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0089)*

Note: Includes powder coated steel frames.

32 33 43 13-0155	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E)	695.91	35.41
32 33 43 13-0156	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E)	943.96	35.41
32 33 43 13-0157	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	717.79	35.41
32 33 43 13-0158	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	965.85	35.41
32 33 43 13-0159	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	1,082.58	35.41
32 33 43 13-0160	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	1,264.97	35.41
32 33 43 13-0161	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	1,140.94	35.41
32 33 43 13-0162	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	1,323.34	35.41
32 33 43 13-0163	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	704.61	53.11
32 33 43 13-0164	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	843.23	53.11
32 33 43 13-0165	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	989.15	53.11
32 33 43 13-0166	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	571.86	35.41
32 33 43 13-0167	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	761.57	35.41
32 33 43 13-0168	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	907.48	35.41
32 33 43 13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	593.77	35.41
32 33 43 13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	783.45	35.41
32 33 43 13-0171	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	936.66	35.41
32 33 43 13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	900.19	35.41
32 33 43 13-0173	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	1,206.61	35.41
32 33 43 13-0174	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	1,461.96	35.41
32 33 43 13-0175	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	936.66	35.41
32 33 43 13-0176	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	1,257.68	35.41
32 33 43 13-0177	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	1,513.03	35.41
32 33 43 13-0178	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	1,739.19	35.41
32 33 43 13-0179	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	2,388.51	35.41
32 33 43 13-0180	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	2,643.86	35.41
32 33 43 13-0181	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	1,775.67	35.41
32 33 43 13-0182	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	2,439.58	35.41
32 33 43 13-0183	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	2,694.93	35.41
32 33 43 13-0184	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	1,097.17	35.41
32 33 43 13-0185	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	1,520.32	35.41
32 33 43 13-0186	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	1,454.66	35.41
32 33 43 13-0187	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	1,666.24	35.41
32 33 43 13-0188	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	2,235.30	35.41
32 33 43 13-0189	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	1,111.76	35.41
32 33 43 13-0190	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	1,542.21	35.41
32 33 43 13-0191	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	1,476.55	35.41
32 33 43 13-0192	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	1,688.12	35.41
32 33 43 13-0193	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	2,271.78	35.41
32 33 43 13-0194	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6)	1,054.81	53.11
32 33 43 13-0195	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8)	1,412.30	53.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0196	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10)	1,740.60	53.11
32 33 43 13-0197	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	1,178.83	53.11
32 33 43 13-0198	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	1,565.51	53.11
32 33 43 13-0199	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	1,718.72	53.11
32 33 43 13-0200	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	513.51	35.41
32 33 43 13-0201	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	666.72	35.41
32 33 43 13-0202	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	892.89	35.41
32 33 43 13-0203	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	1,046.10	35.41
32 33 43 13-0204	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	1,213.90	35.41
32 33 43 13-0205	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	528.10	35.41
32 33 43 13-0206	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	681.31	35.41
32 33 43 13-0207	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P)	914.78	35.41
32 33 43 13-0208	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P)	1,067.99	35.41
32 33 43 13-0209	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P)	1,243.08	35.41
32 33 43 13-0210	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	980.44	35.41
32 33 43 13-0211	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	1,337.93	35.41
32 33 43 13-0212	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E)	1,644.35	35.41
32 33 43 13-0213	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E)	1,848.63	35.41
32 33 43 13-0214	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	995.03	35.41
32 33 43 13-0215	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	1,359.82	35.41
32 33 43 13-0216	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P)	1,666.24	35.41
32 33 43 13-0217	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P)	1,877.81	35.41

32 33 43 53 Site Tables *(32 33 43)*

32 33 43 53-0001 Picnic Tables *(32 33 43 53)*

32 33 43 53-0002 Concrete Picnic Tables *(32 33 43 53-0001)*

32 33 43 53-0003	EA	72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikcrete QLBT72PT)	1,515.00	141.64
32 33 43 53-0004	EA	96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT) Note: Standard sealer	1,784.54	
32 33 43 53-0005	EA	102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA) Note: Standard sealer	1,789.90	
32 33 43 53-0006	EA	42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC) Note: Includes table top, four benches and mounting hardware.	1,913.90	

32 33 63 Skate Board Deterrent *(32 33)*

32 33 63 00-0001 Skate Stoppers *(32 33 63)*

32 33 63 00-0002	EA	Aluminum Architectural Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	40.94
		For >59 To 99, Deduct	*-4.14*
		For >99 To 249, Deduct	*-5.28*
		For >249, Deduct	*-6.42*
32 33 63 00-0003	EA	Aluminum Fixed Angle Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	43.16
		For >59 To 99, Deduct	*-4.45*
		For >99 To 249, Deduct	*-5.66*
		For >249, Deduct	*-6.86*
32 33 63 00-0004	EA	Aluminum Fixed Radius Series Pieces, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	31.77
		For >59 To 99, Deduct	*-2.85*
		For >99 To 249, Deduct	*-3.72*
		For >249, Deduct	*-4.58*
32 33 63 00-0005	EA	Aluminum Bench Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	26.31
		For >59 To 99, Deduct	*-2.09*
		For >99 To 249, Deduct	*-2.79*
		For >249, Deduct	*-3.49*
32 33 63 00-0006	EA	Aluminum Curve Clips, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	28.37
		For >59 To 99, Deduct	*-2.38*
		For >99 To 249, Deduct	*-3.14*
		For >249, Deduct	*-3.90*
32 33 63 00-0007	EA	Aluminum Hand Rail, Skate Stopper Note: Various shapes. Includes drilling and anchoring into suitable surface material.	27.32
		For >59 To 99, Deduct	*-2.23*
		For >99 To 249, Deduct	*-2.96*
		For >249, Deduct	*-3.69*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 63 00-0008	EA	Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	25.98	
		For >59 To 99, Deduct	*-2.04*	
		For >99 To 249, Deduct	*-2.74*	
		For >249, Deduct	*-3.43*	
32 33 63 00-0009	EA	Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	34.26	
		For >59 To 99, Deduct	*-3.20*	
		For >99 To 249, Deduct	*-4.14*	
		For >249, Deduct	*-5.08*	
32 33 63 00-0010	EA	Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper Note: Includes drilling and anchoring into suitable surface material.	59.10	
		For >59 To 99, Deduct	*-6.68*	
		For >99 To 249, Deduct	*-8.37*	
		For >249, Deduct	*-10.05*	

32 39 Manufactured Site Specialties *(32 30)*

Note: Excludes coredrilling, augering, concrete footing and compaction See CSI section 02 41 19 13-0025 for concrete core drilling, 02 41 19 13-0163 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

32 39 13 Manufactured Metal Bollards *(32 39)*

32 39 13 00-0001 Metal Pipe Bollards *(32 39 13)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.

32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powered Coated *(32 39 13 00-0001)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	41.94	10.44
		For Galvanized Steel, Add	*3.58*	
		For 304 Stainless Steel, Add	*28.43*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*107.52*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*78.21*	
		For Schedule 80, Add	*5.25*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*8.10*	
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	54.09	10.44
		For Galvanized Steel, Add	*5.65*	
		For 304 Stainless Steel, Add	*44.83*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*107.52*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*78.21*	
		For Schedule 80, Add	*7.07*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*11.47*	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	75.34	13.05
		For Galvanized Steel, Add	*8.37*	
		For 304 Stainless Steel, Add	*66.50*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*142.32*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*118.50*	
		For Schedule 80, Add	*10.00*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*15.32*	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	98.70	15.66
		For Galvanized Steel, Add	*11.46*	
		For 304 Stainless Steel, Add	*90.99*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*163.20*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*128.57*	
		For Schedule 80, Add	*13.24*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*18.75*	
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	125.38	20.88
		For Galvanized Steel, Add	*14.22*	
		For 304 Stainless Steel, Add	*112.91*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*219.70*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*177.43*	
		For Schedule 80, Add	*16.72*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*21.91*	

32 39 13 00-0008 Cast Bollards *(32 39 13 00-0001)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 13 00-0009	EA	36" Cast Aluminum Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, all colors.	1,110.53	62.62
32 39 13 00-0010	EA	36" Cast Aluminum Removable Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	1,851.50	62.62
32 39 13 00-0011	EA	36" Cast Iron Bollard, Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, all colors.	946.72	62.62
32 39 13 00-0012	EA	36" Cast Iron Removable Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	1,692.06	62.62

32 39 23 Manufactured Concrete Bollards *(32 39)*

32 39 23 00-0001 Concrete Bollards *(32 39 23)*

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.

32 39 23 00-0002 Concrete Bollard, Exposed Aggregate *(32 39 23 00-0001)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 23 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Sandblast Note: Surface mounted with anchor bolts embedded into grout pockets.	537.20	83.48
32 39 23 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Sandblast Note: Surface mounted with anchor bolts embedded into grout pockets.	537.20	83.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 25		**Manufactured Wood Bollards** *(32 39)*		
32 39 25 00-0001		Wood Bollards *(32 39 25)* Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 25 00-0002		Wood Bollard, Pressure Treated Timber *(32 39 25 00-0001)*		
32 39 25 00-0003	LF	4" x 4", Pressure Treated Wood Bollard	19.03	8.34
		For Each Sleeve For Removable, Lockable Bollard, Add	*79.25*	
32 39 25 00-0004	LF	6" x 6", Pressure Treated Wood Bollard	21.48	8.34
		For Each Sleeve For Removable, Lockable Bollard, Add	*79.25*	
32 39 25 00-0005	LF	8" x 8", Pressure Treated Wood Bollard	27.28	9.40
		For Each Sleeve For Removable, Lockable Bollard, Add	*121.45*	
32 39 25 00-0006	LF	10" x 10", Pressure Treated Wood Bollard	38.29	12.52
		For Each Sleeve For Removable, Lockable Bollard, Add	*133.53*	
32 39 25 00-0007	LF	12" x 12", Pressure Treated Wood Bollard	52.48	16.70
		For Each Sleeve For Removable, Lockable Bollard, Add	*187.89*	
32 39 27		**Manufactured Plastic Bollards** *(32 39)*		
32 39 27 00-0001		Plastic Bollards *(32 39 27)* See CSI section 32 31 13 13-0001 for augering and filling holes for bollards., 32 31 13 13-0018 for concrete fill.		
32 39 27 00-0002		Recycled Plastic Bollards *(32 39 27 00-0001)*		
32 39 27 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard Note: Includes anchor bolts.	223.90	41.74
32 39 27 00-0004	EA	6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard	348.92	41.74
32 39 27 00-0005		Plastic Bollard Covers *(32 39 27 00-0001)*		
32 39 27 00-0006	EA	4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	55.35	9.10
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0007	EA	6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	60.01	10.01
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0008	EA	3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe	73.93	9.10
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0009	EA	3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe	73.93	9.10
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0010	EA	3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe	82.60	9.10
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0011	EA	4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4' To 4-1/2" Pipe	73.93	9.10
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0012	EA	4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	75.17	9.10
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0013	EA	5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	73.93	9.10
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0014	EA	5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	75.17	9.10
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0015	EA	5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	103.66	9.10
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0016	EA	6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	75.75	10.01
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0017	EA	6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	95.57	10.01
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0018	EA	6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	108.31	10.01
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0019	EA	7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	92.43	10.92
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0020	EA	8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe	99.86	10.92
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0021	EA	8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe	99.86	10.92
		For Reflective Tape, Add	*5.90*	
32 39 27 00-0022	EA	10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe	133.32	10.92
		For Reflective Tape, Add	*5.90*	
32 39 29		**Manufactured Stone Bollards** *(32 39)*		
32 39 29 00-0001		Stone Bollards *(32 39 29)* See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 29 00-0002		Granite Bollards *(32 39 29 00-0001)*		
32 39 29 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,103.02	104.36
32 39 29 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish Note: Surface mounted with anchors embedded into grout pockets.	1,397.90	146.10
32 39 29 00-0005	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	686.76	104.36
32 39 29 00-0006	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	1,012.50	83.48
32 39 29 00-0007	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	1,508.44	83.48

32 80 Irrigation *(32)*

32 84 Planting Irrigation *(32 80)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 84 13 Drip Irrigation *(32 84)*

32 84 13 00-0001 Drip Emitter Irrigation Devices *(32 84 13)*

32 84 13 00-0002 Drip Emitter Irrigation Valves *(32 84 13 00-0001)*

32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050)	37.15	9.72
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV100)	51.67	9.72
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075)	50.66	9.72
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075TBOS)	64.30	9.72

32 84 13 00-0007 Drip Emitter Irrigation Filters *(32 84 13 00-0001)*

32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075)	93.13	9.72
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100)	93.88	9.72
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX)	43.49	9.72
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX)	44.10	9.72
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100)	100.11	9.72
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY)	52.52	9.72
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY)	57.22	9.72

32 84 13 00-0015 Drip Emitter Irrigation Pressure Regulators *(32 84 13 00-0001)*

32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075)	42.89	9.72
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075)	42.89	9.72
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075)	42.89	9.72
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100)	47.83	9.72

32 84 13 00-0020 Drip Emitter Irrigation Tubing *(32 84 13 00-0001)*

Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.

32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100)	3.34	1.36
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100)	3.30	1.56
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100)	2.86	1.36
		For Shallow Trenching And Backfill By Hand, Add	*5.60*	
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100)	3.27	1.56
		For Shallow Trenching And Backfill By Hand, Add	*6.06*	

32 84 13 00-0025 Drip Emitter Irrigation Fittings *(32 84 13 00-0001)*

32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN)	2.52	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL)	2.54	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE)	2.56	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025)	2.65	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX)	2.51	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP)	2.61	
		For Compression Fitting, Add	*0.18*	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW)	2.66	
		For Compression Fitting, Add	*0.23*	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE)	2.69	
		For Compression Fitting, Add	*0.26*	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050)	2.70	
		For Compression Fitting, Add	*0.27*	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS)	2.81	
		For Compression Fitting, Add	*0.38*	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP)	2.93	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND)	1.46	

32 84 13 00-0038 Drip Emitters *(32 84 13 00-0001)*

32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC)	5.15	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24)	5.63	
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056)	10.69	

32 84 13 00-0042 Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters *(32 84 13 00-0001)*

32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK)	20.20	8.76
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK)	20.23	8.76
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL)	21.55	8.76
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL)	21.70	8.76
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL) Note: Includes nozzle.	30.47	11.48
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL) Note: Includes nozzle.	32.18	11.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL) Note: Includes nozzle.	30.28	11.48
32 84 13 00-0050		Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS) *(32 84 13 00-0001)* Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield)	3.76	1.70
32 84 23		**Underground Sprinklers** *(32 84)*		
32 84 23 00-0001		Sprinkler Heads *(32 84 23)*		
32 84 23 00-0002		Spray Sprinkler Heads *(32 84 23 00-0001)* Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P)	27.26	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0004	EA	4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P)	26.29	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0005	EA	6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P)	29.88	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0006	EA	12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P)	32.89	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0007	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM)	27.64	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0008	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM)	32.70	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0009	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM)	35.14	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0010	EA	4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS)	29.08	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0011	EA	6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS)	33.69	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0012	EA	12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS)	35.97	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0013	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS)	29.66	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0014	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS)	36.74	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0015	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS)	38.98	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0016	EA	Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300)	24.40	10.74
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0017	EA	Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400)	26.65	10.74
32 84 23 00-0018		Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0001)* Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0019		1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC)	34.37	10.74
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0021	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM)	35.17	10.74
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0022		3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0023	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC)	32.45	10.74
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0024	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC)	41.09	10.74
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0025	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)	34.05	10.74
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0026	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)	42.37	10.74
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0027	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)	34.69	10.74
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0028	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)	35.97	10.74
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0029	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)	44.29	10.74
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0030	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)	49.42	10.74
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0031	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)	35.81	10.74
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0032	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)	40.93	10.74
		For Non-Potable Cover, Add	*2.00*	

32 84 23 00-0033 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.

32 84 23 00-0034	EA	4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)	53.10	10.74
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
		For Stainless Steel Riser And High Speed Rotor, Add	*23.57*	

32 84 23 00-0035 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads *(32 84 23 00-0018)*

Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.

32 84 23 00-0036	EA	5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)	71.67	10.74
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	

32 84 23 00-0037 Impact-Drive Sprinkler Heads *(32 84 23 00-0001)*

Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.

32 84 23 00-0038	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08)	44.13	10.74
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0039	EA	1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08)	36.45	10.74
32 84 23 00-0040	EA	3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB)	62.05	10.74

32 84 23 00-0041 Electric Remote Control Irrigation Valves *(32 84 23)*

32 84 23 00-0042 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series) *(32 84 23 00-0041)*

Note: 15 to 150 PSI.

32 84 23 00-0043	EA	3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV)	114.87	44.78
32 84 23 00-0044	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV)	114.87	44.78
32 84 23 00-0045	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DVSS)	127.67	51.05
32 84 23 00-0046	EA	1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA)	115.51	44.78

32 84 23 00-0047 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series) *(32 84 23 00-0041)*

Note: 15 to 150 PSI.

32 84 23 00-0048	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF)	115.51	44.78
32 84 23 00-0049	EA	1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFSS)	128.63	51.05
32 84 23 00-0050	EA	1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFMB)	129.27	51.05

32 84 23 00-0051 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series) *(32 84 23 00-0041)*

Note: 20 to 200 PSI.

32 84 23 00-0052	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB)	166.74	44.78
32 84 23 00-0053	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB)	189.16	44.78
32 84 23 00-0054	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB)	217.98	44.78

32 84 23 00-0055 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) *(32 84 23 00-0041)*

Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.

32 84 23 00-0056	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D)	227.22	50.32
32 84 23 00-0057	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D)	249.63	50.32
32 84 23 00-0058	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D)	278.45	50.32

32 84 23 00-0059 20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) *(32 84 23 00-0041)*

Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.

32 84 23 00-0060	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D)	259.24	50.32
32 84 23 00-0061	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D)	281.65	50.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0062	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D)	310.47	50.32
32 84 23 00-0063		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B)	230.50	44.78
32 84 23 00-0065	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B)	333.54	44.78
32 84 23 00-0066	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B)	342.86	44.78
32 84 23 00-0067	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B)	768.93	60.44
32 84 23 00-0068		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP)	220.27	50.32
32 84 23 00-0070	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP)	250.91	50.32
32 84 23 00-0071	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP)	284.18	50.32
32 84 23 00-0072	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP)	327.99	50.32
32 84 23 00-0073		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0074	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS)	277.87	50.32
32 84 23 00-0075	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS)	400.13	50.32
32 84 23 00-0076	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS)	410.61	50.32
32 84 23 00-0077	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS)	810.00	50.32
32 84 23 00-0078		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0079	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ)	277.07	44.78
32 84 23 00-0080	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ)	380.12	44.78
32 84 23 00-0081	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ)	389.44	44.78
32 84 23 00-0082	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ)	815.50	60.44
32 84 23 00-0083		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0084	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D)	268.30	50.32
32 84 23 00-0085	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D)	298.94	50.32
32 84 23 00-0086	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D)	332.21	50.32
32 84 23 00-0087	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D)	376.02	50.32
32 84 23 00-0088		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0089	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ)	324.44	50.32
32 84 23 00-0090	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ)	446.70	50.32
32 84 23 00-0091	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ)	457.18	50.32
32 84 23 00-0092	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ)	856.57	50.32
32 84 23 00-0093		Other Electric Remote Control Valves/Accessories *(32 84 23 00-0041)*		
32 84 23 00-0094	EA	Pressure Regulator Module For Electric Remote Control Valves (Rain Bird® PRS-DIAL)	83.85	
32 84 23 00-0095		Irrigation Valve Boxes *(32 84 23)*		
		Note: Includes lid.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0096	EA	6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND)	74.14	32.23
32 84 23 00-0097	EA	7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND)	81.71	32.23
32 84 23 00-0098	EA	10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND)	107.30	42.45
32 84 23 00-0099	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD)	180.20	61.97
32 84 23 00-0100	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH)	183.14	61.97
32 84 23 00-0101	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB)	204.22	61.97
32 84 23 00-0102	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH)	206.73	61.97
32 84 23 00-0103	EA	33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH)	327.23	61.97
32 84 23 00-0104	EA	40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH)	483.29	61.97
32 84 23 00-0105		Irrigation Controllers *(32 84 23)*		
32 84 23 00-0106		Irrigation Controllers *(32 84 23 00-0105)*		
32 84 23 00-0107		Irrigation Controllers (Rain Bird®) *(32 84 23 00-0106)*		
32 84 23 00-0108		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series) *(32 84 23 00-0107)*		
32 84 23 00-0109		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0108)*		
32 84 23 00-0110		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series) *(32 84 23 00-0109)*		
32 84 23 00-0111	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	217.17	28.33
32 84 23 00-0112	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	304.60	28.33
32 84 23 00-0113	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	392.02	28.33
32 84 23 00-0114	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	479.44	28.33
32 84 23 00-0115	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	538.54	28.33
32 84 23 00-0116	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	629.50	28.33
32 84 23 00-0117	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	720.47	28.33
32 84 23 00-0118		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0109)*		
32 84 23 00-0119	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	243.59	28.33
32 84 23 00-0120	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	331.02	28.33
32 84 23 00-0121	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	418.44	28.33
32 84 23 00-0122	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	505.86	28.33
32 84 23 00-0123	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	564.96	28.33
32 84 23 00-0124	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	655.92	28.33
32 84 23 00-0125	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	746.89	28.33
32 84 23 00-0126		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0108)*		
32 84 23 00-0127		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series) *(32 84 23 00-0126)*		
32 84 23 00-0128	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	308.95	28.33
32 84 23 00-0129	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	396.38	28.33
32 84 23 00-0130	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	483.80	28.33
32 84 23 00-0131	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	571.22	28.33
32 84 23 00-0132	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	630.32	28.33
32 84 23 00-0133	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	721.28	28.33
32 84 23 00-0134	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	812.25	28.33
32 84 23 00-0135		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0126)*		
32 84 23 00-0136	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	328.75	28.33
32 84 23 00-0137	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	416.18	28.33
32 84 23 00-0138	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	503.60	28.33
32 84 23 00-0139	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	591.02	28.33
32 84 23 00-0140	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	650.12	28.33
32 84 23 00-0141	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	741.08	28.33
32 84 23 00-0142	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	832.05	28.33
32 84 23 00-0143		Accessories For ESP-ME/MEI Irrigation Controllers *(32 84 23 00-0108)*		
32 84 23 00-0144	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	90.96	
32 84 23 00-0145	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	176.42	
32 84 23 00-0146	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG)	198.54	
32 84 23 00-0147		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series) *(32 84 23 00-0107)*		
32 84 23 00-0148		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series) *(32 84 23 00-0147)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0149	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	488.13	28.33
32 84 23 00-0150	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	596.72	28.33
32 84 23 00-0151	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	706.58	28.33
32 84 23 00-0152	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	815.17	28.33
32 84 23 00-0153	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	925.04	28.33
32 84 23 00-0154	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,033.62	28.33
32 84 23 00-0155	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,143.49	28.33
32 84 23 00-0156	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,252.07	28.33
32 84 23 00-0157	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,361.94	28.33
32 84 23 00-0158	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,470.53	28.33
32 84 23 00-0159		Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series) *(32 84 23 00-0147)*		
32 84 23 00-0160	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	456.43	28.33
32 84 23 00-0161	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	565.01	28.33
32 84 23 00-0162	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	674.88	28.33
32 84 23 00-0163	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	783.46	28.33
32 84 23 00-0164	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	893.33	28.33
32 84 23 00-0165	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,001.92	28.33
32 84 23 00-0166	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,111.78	28.33
32 84 23 00-0167	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,220.37	28.33
32 84 23 00-0168	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,330.23	28.33
32 84 23 00-0169	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,438.82	28.33
32 84 23 00-0170	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,548.70	28.33
32 84 23 00-0171		Accessories For ESP-LX/LXME Irrigation Controllers *(32 84 23 00-0147)*		
32 84 23 00-0172	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM)	304.68	
32 84 23 00-0173	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM) Note: Excludes concrete foundation.	695.85	
32 84 23 00-0174	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS)	628.24	
32 84 23 00-0175	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS) Note: Excludes concrete foundation.	1,387.82	
32 84 23 00-0176	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	108.59	
32 84 23 00-0177	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	218.45	
32 84 23 00-0178	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	335.85	
32 84 23 00-0179	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME)	117.52	
32 84 23 00-0180		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0107)*		
32 84 23 00-0181		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0180)*		
32 84 23 00-0182	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	219.53	28.33
32 84 23 00-0183	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	270.28	28.33
32 84 23 00-0184	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	350.00	28.33
32 84 23 00-0185		Accessories For TBOS-II Series Irrigation Controllers *(32 84 23 00-0180)*		
32 84 23 00-0186	EA	Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS)	224.25	
32 84 23 00-0187	EA	Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL)	62.32	21.25
32 84 23 00-0188		Accessories For Irrigation Controllers (Rain Bird®) *(32 84 23 00-0107)*		
32 84 23 00-0189	EA	Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX)	106.12	21.25
32 84 23 00-0190	EA	Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC)	201.23	21.25
32 84 23 00-0191	EA	Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC)	208.91	21.25
32 84 23 00-0192	EA	Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y)	275.55	21.25
32 84 23 00-0193		Two-Wire Decoder Systems *(32 84 23 00-0105)*		
32 84 23 00-0194		Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0193)*		
32 84 23 00-0195		Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) *(32 84 23 00-0194)* Note: Includes water resistant cabinet.		
32 84 23 00-0196	EA	50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	1,248.05	28.33
32 84 23 00-0197	EA	125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	1,942.39	28.33
32 84 23 00-0198	EA	200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	2,636.73	28.33
32 84 23 00-0199		Field Decoders For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0194)*		
32 84 23 00-0200	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF)	164.47	28.33
32 84 23 00-0201	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF)	206.82	28.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0202	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF)	302.67	28.33
32 84 23 00-0203	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF)	356.99	28.33
32 84 23 00-0204	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF)	568.42	28.33
32 84 23 00-0205		**Accessories For Two-Wire Decoder Systems (Rain Bird®)** *(32 84 23 00-0194)*		
32 84 23 00-0206	EA	50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD)	955.68	
32 84 23 00-0207	EA	75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75)	694.34	
32 84 23 00-0208	EA	Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF)	125.85	24.79
32 84 23 00-0209	EA	Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF)	477.67	28.33
32 84 23 00-0210		**Calsense Controllers** *(32 84 23 00-0105)*		
32 84 23 00-0211		**Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0212	EA	6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6)	1,633.13	70.82
32 84 23 00-0213	EA	8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8)	2,101.74	79.66
32 84 23 00-0214	EA	12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12)	2,875.59	88.52
32 84 23 00-0215	EA	16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16)	3,160.01	88.52
32 84 23 00-0216	EA	24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24)	3,732.70	97.37
32 84 23 00-0217	EA	32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32)	4,495.78	97.37
32 84 23 00-0218	EA	40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40)	5,089.27	106.23
32 84 23 00-0219	EA	48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48)	5,692.80	106.23
32 84 23 00-0220	EA	Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE)	1,647.44	35.41
32 84 23 00-0221	EA	Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE)	701.47	35.41
32 84 23 00-0222		**Irrigation Controller Accessories** *(32 84 23 00-0210)*		
32 84 23 00-0223	EA	Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1)	66.60	
32 84 23 00-0224	EA	Spare Lock For Enclosures (Calsense PAD)	72.15	
32 84 23 00-0225	EA	Hardware And Software For Up To 4 Additional Light Circuits (Calsense L)	89.85	8.85
32 84 23 00-0226	EA	Transformer For Irrigation Controllers (Calsense TR-1)	140.19	35.41
32 84 23 00-0227	EA	AC Line Protection For Irrigation Controllers (Calsense TP-110)	355.24	35.41
32 84 23 00-0228	EA	Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)	466.24	35.41
		For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add	*340.10*	
32 84 23 00-0229		**Sensors For Irrigation Controllers** *(32 84 23 00-0210)*		
32 84 23 00-0230		**Flow Sensors** *(32 84 23 00-0229)*		
32 84 23 00-0231	EA	1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)	813.82	53.11
		For Flow Meter Replacement Insert Only, Deduct	*-448.00*	
32 84 23 00-0232	EA	2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)	841.57	53.11
		For Flow Meter Replacement Insert Only, Deduct	*-475.75*	
32 84 23 00-0233	EA	3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)	869.32	53.11
		For Flow Meter Replacement Insert Only, Deduct	*-503.50*	
32 84 23 00-0234	EA	1" Brass Tee Mounted Flow Meter (Calsense FM 1B)	967.16	70.82
		For Flow Meter Replacement Insert Only, Deduct	*-601.12*	
32 84 23 00-0235	EA	1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)	1,036.53	70.82
		For Flow Meter Replacement Insert Only, Deduct	*-670.49*	
32 84 23 00-0236	EA	1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)	1,064.28	70.82
		For Flow Meter Replacement Insert Only, Deduct	*-698.24*	
32 84 23 00-0237	EA	2" Brass Tee Mounted Flow Meter (Calsense FM 2B)	1,244.65	70.82
		For Flow Meter Replacement Insert Only, Deduct	*-750.33*	
32 84 23 00-0238	EA	2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX) Note: For 4" and larger pipe. Excludes pipe saddle.	958.78	35.41
		For Flow Meter Replacement Insert Only, Deduct	*-464.46*	
32 84 23 00-0239		**Moisture Sensors** *(32 84 23 00-0229)*		
32 84 23 00-0240	EA	Soil Moisture Sensor (Calsense 1000-S)	344.47	26.55
32 84 23 00-0241		**Weather Sensors** *(32 84 23 00-0229)*		
32 84 23 00-0242	EA	Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	939.41	70.82
32 84 23 00-0243	EA	Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1)	1,108.79	141.64
32 84 23 00-0244	EA	ET Gage, Irrigation Weather Sensor (Calsense ETG)	2,120.17	106.23
32 84 23 00-0245		**Weather Sensor Accessories** *(32 84 23 00-0229)*		
32 84 23 00-0246	EA	Replacement Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C)	625.79	
32 84 23 00-0247	EA	Replacement Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	1,166.89	
32 84 23 00-0248	EA	Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE)	625.79	35.41
32 84 23 00-0249	EA	Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE)	1,415.90	35.41
32 84 23 00-0250		**Antennas For Irrigation Controllers** *(32 84 23 00-0210)* Note: Excludes antenna cable.		
32 84 23 00-0251	EA	Local Radio Dome Antenna (Calsense LR-DOME)	334.43	35.41
32 84 23 00-0252	EA	Local Radio Stick Antenna (Calsense LR-STICK)	480.11	35.41
32 84 23 00-0253	EA	Local Radio Yagi Antenna (Calsense LR-YAGI)	550.93	70.82
32 84 23 00-0254	EA	Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR)	334.43	35.41
32 84 23 00-0255	EA	Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	334.43	35.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0256	EA	GPRS Stubby Antenna (Calsense GR-STUBBY)	334.43	35.41
32 84 23 00-0257	EA	GPRS Stick Antenna (Calsense GR-STICK)	480.11	35.41
32 84 23 00-0258	EA	Spread Spectrum Dome Antenna (Calsense SR-DOME)	334.43	35.41
32 84 23 00-0259	EA	Spread Spectrum Stick Antenna (Calsense SR-STICK)	480.11	35.41
32 84 23 00-0260	EA	Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	550.93	70.82
32 84 23 00-0261	EA	Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	334.43	35.41
32 84 23 00-0262	EA	Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	334.43	35.41
32 84 23 00-0263	EA	Spread Spectrum Stubby Antenna (Calsense SR-STUBBY)	334.43	35.41
32 84 23 00-0264	EA	WiFi Stubby Antenna (Calsense WEN-STUBBY)	334.43	35.41
32 84 23 00-0265	LF	Antenna Cable With End Connectors (Calsense LMR-400-DB)	8.90	0.42
32 84 23 00-0266	EA	Surge Protection Device For Antenna (Calsense ANT-PROT)	326.77	17.70
32 84 23 00-0267	EA	5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5)	535.61	35.41
32 84 23 00-0268	EA	3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM)	450.91	
32 84 23 00-0269	EA	Local Radio Frequency Filter (Calsense LR-FILTER)	638.22	
32 84 23 00-0270	EA	Spread Spectrum Frequency Filter (Calsense SR-FILTER)	471.73	

32 84 23 00-0271 Pedestals And Enclosures For Irrigation Controllers *(32 84 23 00-0210)*

32 84 23 00-0272	EA	15 Amp, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER)	314.34	53.11
32 84 23 00-0273	EA	Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	744.62	88.52
32 84 23 00-0274	EA	Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP) Note: Includes GFI and receptacle.	799.22	35.41
32 84 23 00-0275	EA	Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1) Note: Includes factory installed transient protection board and AC line protection.	948.00	26.55
32 84 23 00-0276	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE) Note: Includes factory installed transient protection board and AC line protection.	2,946.85	26.55
32 84 23 00-0277	EA	Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R) Note: Includes factory installed transient protection board, AC line protection and dome antenna.	3,327.44	26.55
32 84 23 00-0278	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D) Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.	4,834.21	53.11
32 84 23 00-0279	EA	Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R) Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.	5,065.98	53.11
32 84 23 00-0280	EA	Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM)	169.06	
32 84 23 00-0281	EA	Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED)	545.65	

32 84 23 00-0282 Central Computer For Irrigation Control Systems *(32 84 23 00-0210)*

32 84 23 00-0283	EA	Central Computer For Irrigation Control Systems (Calsense COMP-2) Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.	3,715.98	
32 84 23 00-0284	EA	Command Center Water Management Software For Central Computer (Calsense COMM-1)	6,566.52	
32 84 23 00-0285	EA	Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5) Note: Package price for up to 5 users. Includes remote communication through internet connection.	1,265.18	
32 84 23 00-0286	EA	>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10) Note: Package price for 6 to 10 users. Includes remote communication through internet connection.	2,480.79	
32 84 23 00-0287	EA	Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2)	3,990.80	
32 84 23 00-0288	EA	GPRS Radio For Use At Central Computer (Calsense DTR-G)	2,383.86	

32 84 23 00-0289 Data Access Service *(32 84 23 00-0210)*

32 84 23 00-0290	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN) Note: For communication between GPRS unit and up to 2 controllers.	20.18	
32 84 23 00-0291	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR) Note: For communication between GPRS unit and up to 2 controllers.	220.73	
32 84 23 00-0292	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR) Note: For communication between GPRS unit and up to 2 controllers.	945.98	
32 84 23 00-0293	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M) Note: For communication between GPRS unit and multiple controllers.	81.98	
32 84 23 00-0294	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M) Note: For communication between GPRS unit and multiple controllers.	882.91	
32 84 23 00-0295	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M) Note: For communication between GPRS unit and multiple controllers.	3,783.90	

32 84 23 00-0296 Communication Options For Irrigation Controllers *(32 84 23 00-0210)*

32 84 23 00-0297	EA	FCC License Fee (Calsense)	142.62	
32 84 23 00-0298	EA	P.C.I.A. And/Or A.P.C.O. Fee (Calsense) Note: Per frequency or frequency pair.	268.75	
32 84 23 00-0299	EA	Hardware Communication Option For Irrigation Controllers (Calsense M) Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.	731.55	
32 84 23 00-0300	EA	Phone Line Communication Option For Irrigation Controllers (Calsense R)	769.39	
32 84 23 00-0301	EA	Ethernet Communication Option For Irrigation Controllers (Calsense EN)	769.39	
32 84 23 00-0302	EA	WiFi Communication Option For Irrigation Controllers (Calsense WEN)	1,576.62	
32 84 23 00-0303	EA	Local Radio Communication Option For Irrigation Controllers (Calsense LR)	2,005.47	
32 84 23 00-0304	EA	Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR)	2,005.47	
32 84 23 00-0305	EA	GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR)	2,005.47	
32 84 23 00-0306	EA	Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM)	6,432.63	
32 84 23 00-0307	EA	Communication Hub For Irrigation Controllers (Calsense HUB) Note: Accepts up to two communication options. Excludes communication options.	2,485.49	

32 84 23 00-0308 Retrofit Options For Irrigation Controllers *(32 84 23 00-0210)*

32 84 23 00-0309 Weather Retrofits For Irrigation Controllers *(32 84 23 00-0308)*

32 84 23 00-0310	EA	Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	997.88	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0311	EA	Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	997.88	
32 84 23 00-0312	EA	Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	997.88	
32 84 23 00-0313	EA	Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	997.88	
32 84 23 00-0314		Phone Communication Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0315	EA	Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	1,048.33	
32 84 23 00-0316	EA	Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO)	1,237.52	
32 84 23 00-0317	EA	Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO)	1,975.38	
32 84 23 00-0318		Local Radio Communication Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0319	EA	Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO)	1,174.46	
32 84 23 00-0320	EA	Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO)	2,460.98	
32 84 23 00-0321	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO)	3,192.54	
32 84 23 00-0322		Spread Spectrum Radio Communication Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0323	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro)	1,174.46	
32 84 23 00-0324	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO)	2,460.98	
32 84 23 00-0325	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	3,192.54	
32 84 23 00-0326		Ethernet Communication Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0327	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro)	1,174.46	
32 84 23 00-0328	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	1,237.52	
32 84 23 00-0329	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	1,975.38	
32 84 23 00-0330		GPRS Radio Modem Communication Retrofits For Irrigation Controllers *(32 84 23 00-0308)*		
32 84 23 00-0331	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO)	1,174.46	
32 84 23 00-0332	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	2,460.98	
32 84 23 00-0333	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	3,192.54	
32 84 23 00-0334		Radio Remote Units For Irrigation Controllers *(32 84 23 00-0210)*		
32 84 23 00-0335	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	1,180.76	
32 84 23 00-0336	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe) Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.	249.74	
32 84 23 00-0337	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG)	107.21	
32 84 23 00-0338	EA	Replacement Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT)	194.28	
32 84 23 00-0339	EA	Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT) Note: Excludes antenna cable.	124.91	8.85
32 84 23 00-0340	EA	Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP) Note: Excludes antenna cable.	238.43	8.85
32 84 23 00-0341	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome) Note: Excludes antenna cable.	257.35	8.85
32 84 23 00-0342		Satellite Irrigation Controllers (Rain Bird® ESP-SAT) *(32 84 23 00-0105)* Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0343	EA	12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS)	2,804.76	159.34
32 84 23 00-0344	EA	24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS)	2,957.93	168.19
32 84 23 00-0345	EA	40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS)	4,083.59	177.04
32 84 23 00-0346		Irrigation Valves *(32 84 23)*		
32 84 23 00-0347		Reduced Pressure Zone Valves With QT Shut-Offs *(32 84 23 00-0346)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0348	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	546.76	36.97
32 84 23 00-0349	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	649.41	45.14
32 84 23 00-0350	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	973.02	52.54
32 84 23 00-0351	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,031.09	60.32
32 84 23 00-0352	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,240.35	77.83
32 84 23 00-0353		Brass Quick-Coupling Irrigation Valves *(32 84 23 00-0346)*		
32 84 23 00-0354	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC)	112.63	32.23
		For Valve Key, Add	*23.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0355	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC)	115.35	32.23
		For Locking Cover, Add	*25.00*	
		For Valve Key, Add	*23.54*	
32 84 23 00-0356	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC)	145.29	32.23
		For Valve Key, Add	*60.20*	
32 84 23 00-0357	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC)	156.18	32.23
		For Valve Key, Add	*60.20*	
32 84 23 00-0358	EA	1", 1-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 5NP)	151.05	32.23
32 84 23 00-0359	EA	1", 2-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 44NP)	156.18	32.23

32 84 23 00-0360 Anti-Siphon Pressure Type Vacuum Breaker *(32 84 23 00-0346)*

Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.

32 84 23 00-0361	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	202.72	27.24
32 84 23 00-0362	EA	1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	287.31	31.14
32 84 23 00-0363	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	513.53	35.99
32 84 23 00-0364	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	624.83	39.88
32 84 23 00-0365	EA	2" Anti-Siphon Pressure Type Vacuum Breaker	633.13	48.64

32 84 23 00-0366 Irrigation Piping *(32 84 23)*

32 84 23 00-0367 Irrigation Piping With Fittings, On Grade With Pipe Stabilizers *(32 84 23 00-0366)*

Note: Install stabilizers every 20', at change of direction and at sprinkler heads less than 12" tall.

32 84 23 00-0368 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers *(32 84 23 00-0367)*

32 84 23 00-0369	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	2.50	0.90
		For >1,000, Deduct	*-0.13*	
32 84 23 00-0370	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.08	1.12
		For >1,000, Deduct	*-0.15*	
32 84 23 00-0371	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.74	1.35
		For >1,000, Deduct	*-0.19*	
32 84 23 00-0372	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	4.96	1.70
		For >1,000, Deduct	*-0.25*	
32 84 23 00-0373	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	6.23	2.13
		For >1,000, Deduct	*-0.31*	
32 84 23 00-0374	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	7.94	2.49
		For >1,000, Deduct	*-0.40*	
32 84 23 00-0375	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	10.92	3.58
		For >1,000, Deduct	*-0.55*	
32 84 23 00-0376	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	14.25	4.48
		For >1,000, Deduct	*-0.71*	
32 84 23 00-0377	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	20.26	5.59
		For >1,000, Deduct	*-1.01*	

32 84 23 00-0378 Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers *(32 84 23 00-0367)*

32 84 23 00-0379	LF	3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	2.91	1.12
		For >1,000, Deduct	*-0.15*	
32 84 23 00-0380	LF	1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	3.45	1.35
		For >1,000, Deduct	*-0.17*	
32 84 23 00-0381	LF	1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	4.76	1.70
		For >1,000, Deduct	*-0.24*	
32 84 23 00-0382	LF	2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	6.07	2.13
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0383	LF	2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers	7.69	2.49
		For >1,000, Deduct	*-0.38*	
32 84 23 00-0384	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	10.83	3.58
		For >1,000, Deduct	*-0.54*	
32 84 23 00-0385	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	14.78	4.48
		For >1,000, Deduct	*-0.74*	
32 84 23 00-0386	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	23.60	5.59
		For >1,000, Deduct	*-1.18*	

32 84 23 00-0387 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers *(32 84 23 00-0367)*

32 84 23 00-0388	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.05	1.12
		For >1,000, Deduct	*-0.15*	
32 84 23 00-0389	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	3.65	1.35
		For >1,000, Deduct	*-0.18*	
32 84 23 00-0390	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	5.12	1.70
		For >1,000, Deduct	*-0.26*	
32 84 23 00-0391	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	6.68	2.13
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0392	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	8.67	2.49
		For >1,000, Deduct	*-0.43*	
32 84 23 00-0393	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	10.92	3.58
		For >1,000, Deduct	*-0.55*	
32 84 23 00-0394	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	14.25	4.48
		For >1,000, Deduct	*-0.71*	
32 84 23 00-0395	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers	20.59	5.59
		For >1,000, Deduct	*-1.03*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0396		Irrigation Piping With Fittings, Trenching, Cover, Backfilled And Compacted *(32 84 23 00-0366)* Note: Install thrust blocks per Caltrans details for 3" piping and larger, upstream of remote control valve.		
32 84 23 00-0397		Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0396)*		
32 84 23 00-0398	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	4.78	1.12
		For >1,000, Deduct	*-0.24*	
32 84 23 00-0399	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	5.42	1.35
		For >1,000, Deduct	*-0.27*	
32 84 23 00-0400	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.66	1.70
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0401	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	7.92	2.13
		For >1,000, Deduct	*-0.40*	
32 84 23 00-0402	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	9.64	2.49
		For >1,000, Deduct	*-0.48*	
32 84 23 00-0403	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	12.62	3.58
		For >1,000, Deduct	*-0.63*	
32 84 23 00-0404	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	15.95	4.48
		For >1,000, Deduct	*-0.80*	
32 84 23 00-0405	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	21.95	5.59
		For >1,000, Deduct	*-1.10*	
32 84 23 00-0406		Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted *(32 84 23 00-0396)*		
32 84 23 00-0407	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	4.97	1.12
		For >1,000, Deduct	*-0.25*	
32 84 23 00-0408	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	5.62	1.35
		For >1,000, Deduct	*-0.28*	
32 84 23 00-0409	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.85	1.70
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0410	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	8.12	2.13
		For >1,000, Deduct	*-0.41*	
32 84 23 00-0411	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	9.83	2.49
		For >1,000, Deduct	*-0.49*	
32 84 23 00-0412	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	12.81	3.58
		For >1,000, Deduct	*-0.64*	
32 84 23 00-0413	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.15	4.48
		For >1,000, Deduct	*-0.81*	
32 84 23 00-0414	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	22.15	5.59
		For >1,000, Deduct	*-1.11*	
32 84 23 00-0415		Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted *(32 84 23 00-0396)*		
32 84 23 00-0416	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.17	1.12
		For >1,000, Deduct	*-0.26*	
32 84 23 00-0417	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.81	1.35
		For >1,000, Deduct	*-0.29*	
32 84 23 00-0418	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.04	1.70
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0419	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	8.31	2.13
		For >1,000, Deduct	*-0.42*	
32 84 23 00-0420	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	10.02	2.49
		For >1,000, Deduct	*-0.50*	
32 84 23 00-0421	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	13.02	3.58
		For >1,000, Deduct	*-0.65*	
32 84 23 00-0422	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	16.35	4.48
		For >1,000, Deduct	*-0.82*	
32 84 23 00-0423	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	22.34	5.59
		For >1,000, Deduct	*-1.12*	
32 84 23 00-0424		Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted *(32 84 23 00-0396)*		
32 84 23 00-0425	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	4.69	1.12
		For >1,000, Deduct	*-0.23*	
32 84 23 00-0426	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	5.28	1.35
		For >1,000, Deduct	*-0.26*	
32 84 23 00-0427	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.67	1.70
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0428	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.22	2.13
		For >1,000, Deduct	*-0.41*	
32 84 23 00-0429	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.12	2.49
		For >1,000, Deduct	*-0.51*	
32 84 23 00-0430	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	12.52	3.58
		For >1,000, Deduct	*-0.63*	
32 84 23 00-0431	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	16.48	4.48
		For >1,000, Deduct	*-0.82*	
32 84 23 00-0432	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	25.28	5.59
		For >1,000, Deduct	*-1.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0433		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted** *(32 84 23 00-0396)*		
32 84 23 00-0434	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	4.88	1.12
		For >1,000, Deduct	*-0.24*	
32 84 23 00-0435	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	5.48	1.35
		For >1,000, Deduct	*-0.27*	
32 84 23 00-0436	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	6.86	1.70
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0437	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	8.42	2.13
		For >1,000, Deduct	*-0.42*	
32 84 23 00-0438	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.31	2.49
		For >1,000, Deduct	*-0.52*	
32 84 23 00-0439	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	12.71	3.58
		For >1,000, Deduct	*-0.64*	
32 84 23 00-0440	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.68	4.48
		For >1,000, Deduct	*-0.83*	
32 84 23 00-0441	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	25.48	5.59
		For >1,000, Deduct	*-1.27*	
32 84 23 00-0442		**Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted** *(32 84 23 00-0396)*		
32 84 23 00-0443	LF	3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.08	1.12
		For >1,000, Deduct	*-0.25*	
32 84 23 00-0444	LF	1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.67	1.35
		For >1,000, Deduct	*-0.28*	
32 84 23 00-0445	LF	1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 124" Of Cover, Backfilled And Compacted	7.05	1.70
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0446	LF	2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	8.61	2.13
		For >1,000, Deduct	*-0.43*	
32 84 23 00-0447	LF	2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	10.50	2.49
		For >1,000, Deduct	*-0.53*	
32 84 23 00-0448	LF	3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	12.92	3.58
		For >1,000, Deduct	*-0.65*	
32 84 23 00-0449	LF	4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	16.88	4.48
		For >1,000, Deduct	*-0.84*	
32 84 23 00-0450	LF	6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	25.67	5.59
		For >1,000, Deduct	*-1.28*	
32 84 23 00-0451		**Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted** *(32 84 23 00-0396)*		
32 84 23 00-0452	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	4.75	1.12
		For >1,000, Deduct	*-0.24*	
32 84 23 00-0453	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	5.33	1.35
		For >1,000, Deduct	*-0.27*	
32 84 23 00-0454	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	6.83	1.70
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0455	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	8.37	2.13
		For >1,000, Deduct	*-0.42*	
32 84 23 00-0456	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	10.36	2.49
		For >1,000, Deduct	*-0.52*	
32 84 23 00-0457	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	12.62	3.58
		For >1,000, Deduct	*-0.63*	
32 84 23 00-0458	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	15.95	4.48
		For >1,000, Deduct	*-0.80*	
32 84 23 00-0459	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted	22.27	5.59
		For >1,000, Deduct	*-1.11*	
32 84 23 00-0460		**Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted** *(32 84 23 00-0396)*		
32 84 23 00-0461	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	4.94	1.12
		For >1,000, Deduct	*-0.25*	
32 84 23 00-0462	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	5.53	1.35
		For >1,000, Deduct	*-0.28*	
32 84 23 00-0463	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	7.02	1.70
		For >1,000, Deduct	*-0.35*	
32 84 23 00-0464	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	8.57	2.13
		For >1,000, Deduct	*-0.43*	
32 84 23 00-0465	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	10.55	2.49
		For >1,000, Deduct	*-0.53*	
32 84 23 00-0466	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	12.81	3.58
		For >1,000, Deduct	*-0.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0467	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	16.15	4.48
		For >1,000, Deduct	*-0.81*	
32 84 23 00-0468	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted	22.47	5.59
		For >1,000, Deduct	*-1.12*	

32 84 23 00-0469 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted *(32 84 23 00-0396)*

32 84 23 00-0470	LF	3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.14	1.12
		For >1,000, Deduct	*-0.26*	
32 84 23 00-0471	LF	1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	5.72	1.35
		For >1,000, Deduct	*-0.29*	
32 84 23 00-0472	LF	1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	7.21	1.70
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0473	LF	2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	8.76	2.13
		For >1,000, Deduct	*-0.44*	
32 84 23 00-0474	LF	2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	10.74	2.49
		For >1,000, Deduct	*-0.54*	
32 84 23 00-0475	LF	3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	13.02	3.58
		For >1,000, Deduct	*-0.65*	
32 84 23 00-0476	LF	4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	16.35	4.48
		For >1,000, Deduct	*-0.82*	
32 84 23 00-0477	LF	6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	22.66	5.59
		For >1,000, Deduct	*-1.13*	

32 84 23 00-0478 Irrigation Riser Piping With Fittings *(32 84 23 00-0366)*

32 84 23 00-0479	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	12.92	2.69
32 84 23 00-0480	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	14.06	3.36
32 84 23 00-0481	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	13.97	3.14
32 84 23 00-0482	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV Note: Includes #4 steel reinforcing bar, stainless steel hose clamp	15.40	3.91
32 84 23 00-0483	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	27.12	4.70
32 84 23 00-0484	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	29.14	5.88
32 84 23 00-0485	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	31.96	6.05
32 84 23 00-0486	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	34.55	7.56
32 84 23 00-0487	EA	1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	36.80	7.38
32 84 23 00-0488	EA	3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties	39.96	9.24

32 84 23 00-0489 Irrigation Crossover Piping With Fittings *(32 84 23 00-0366)*

Note: Install per Caltrans details. Includes thrust blocks, HDPE sleeve pipe and fittings, 3" pvc irrigation piping and 1" electrical pvc conduit. Excludes #5 concrete irrigation pull boxes on ends, electrical control wiring. See CSI section 32 84 23 00-0095 for #5 concrete pull box, 32 84 23 00-0533 for irrigation wiring.

32 84 23 00-0490 Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench *(32 84 23 00-0489)*

32 84 23 00-0491	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	27.44	
		For >1,000, Deduct	*-1.37*	
32 84 23 00-0492	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	38.59	
		For >1,000, Deduct	*-1.93*	
32 84 23 00-0493	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	52.92	
		For >1,000, Deduct	*-2.65*	
32 84 23 00-0494	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation	69.69	
		For >1,000, Deduct	*-3.48*	

32 84 23 00-0495 Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench *(32 84 23 00-0489)*

32 84 23 00-0496	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	28.03	
		For >1,000, Deduct	*-1.40*	
32 84 23 00-0497	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	39.24	
		For >1,000, Deduct	*-1.96*	
32 84 23 00-0498	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	53.63	
		For >1,000, Deduct	*-2.68*	
32 84 23 00-0499	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	70.47	
		For >1,000, Deduct	*-3.52*	

32 84 23 00-0500 Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench *(32 84 23 00-0489)*

32 84 23 00-0501	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench Installation	28.61	
		For >1,000, Deduct	*-1.43*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0502	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	39.89	
		For >1,000, Deduct	*-1.99*	
32 84 23 00-0503	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	54.35	
		For >1,000, Deduct	*-2.72*	
32 84 23 00-0504	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation	71.26	
		For >1,000, Deduct	*-3.56*	

32 84 23 00-0505 Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore *(32 84 23 00-0489)*

32 84 23 00-0506	LF	6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	72.08	
		For >1,000, Deduct	*-3.60*	
32 84 23 00-0507	LF	8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	92.26	
		For >1,000, Deduct	*-4.61*	
32 84 23 00-0508	LF	10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	111.04	
		For >1,000, Deduct	*-5.55*	
32 84 23 00-0509	LF	12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation	132.27	
		For >1,000, Deduct	*-6.61*	

32 84 23 00-0510 Below Ground Cam Adapter Assembly *(32 84 23 00-0366)*

Note: Includes minimum 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe

32 84 23 00-0511	EA	Below Ground Cam Adapter Assembly Note: Includes 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	552.18

32 84 23 00-0512 Above Ground Cam Adapter Assembly *(32 84 23 00-0366)*

Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe

32 84 23 00-0513	EA	Above Ground Cam Adapter Assembly Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	350.97

32 84 23 00-0514 Thrust Block *(32 84 23 00-0366)*

32 84 23 00-0515	EA	Thrust Block For 1-1/2" Pipe Size And Smaller	31.00
32 84 23 00-0516	EA	Thrust Block For 2" Pipe	53.52
32 84 23 00-0517	EA	Thrust Block For 3" And 4" Pipe	76.04
32 84 23 00-0518	EA	Thrust Block For 6" Pipe	121.48
32 84 23 00-0519	EA	Thrust Block For 8" Pipe	173.25

32 84 23 00-0520 Irrigation Swing Joints *(32 84 23)*

32 84 23 00-0521	EA	3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075)	42.74	17.82
32 84 23 00-0522	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12)	48.42	19.90
32 84 23 00-0523	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS)	61.23	19.90
32 84 23 00-0524	EA	1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	36.53	23.23
32 84 23 00-0525	EA	3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	48.76	30.99
32 84 23 00-0526	EA	1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	60.68	38.00
32 84 23 00-0527	EA	1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	52.35	23.59
32 84 23 00-0528	EA	3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	69.17	31.30
32 84 23 00-0529	EA	1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	84.64	38.38
32 84 23 00-0530	EA	1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	29.54	14.45
32 84 23 00-0531	EA	3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	39.45	19.27
32 84 23 00-0532	EA	1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	46.38	23.88

32 84 23 00-0533 Irrigation Control Wire *(32 84 23)*

Note: Excludes excavation and backfill.

32 84 23 00-0534 18 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0533)*

32 84 23 00-0535	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	38.54	13.43
32 84 23 00-0536	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	49.51	15.67
32 84 23 00-0537	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	56.90	17.91
32 84 23 00-0538	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	64.95	20.15
32 84 23 00-0539	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	73.64	22.39
32 84 23 00-0540	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	86.89	24.63
32 84 23 00-0541	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	99.63	26.86
32 84 23 00-0542	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	108.21	29.11
32 84 23 00-0543	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	118.49	31.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0544	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	130.12	33.58
32 84 23 00-0545	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	135.23	35.82
32 84 23 00-0546	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	141.00	38.06
32 84 23 00-0547	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	148.84	40.29
32 84 23 00-0548		16 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0533)*		
32 84 23 00-0549	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench	40.26	13.43
32 84 23 00-0550		14 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0533)*		
32 84 23 00-0551	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench	40.27	13.43
32 84 23 00-0552		12 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0533)*		
32 84 23 00-0553	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench	51.68	13.43
32 84 23 00-0554		10 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0533)*		
32 84 23 00-0555	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench	66.13	13.43
32 84 23 00-0556		Root Watering Systems *(32 84 23)*		
		Note: Includes swing assembly.		
32 84 23 00-0557	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401)	66.37	17.91
		For Root Watering Sand Sock, Add	*0.79*	
32 84 23 00-0558	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401)	70.61	17.91
		For Root Watering Sand Sock, Add	*0.79*	
32 84 23 00-0559	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402)	66.37	17.91
		For Root Watering Sand Sock, Add	*0.79*	
32 84 23 00-0560	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402)	70.61	17.91
		For Root Watering Sand Sock, Add	*0.79*	
32 84 23 00-0561	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404)	70.61	17.91
		For Root Watering Sand Sock, Add	*0.79*	
32 84 23 00-0562	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401)	57.69	15.67
		For Root Watering Sand Sock, Add	*0.79*	
32 84 23 00-0563	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401)	61.76	15.67
		For Root Watering Sand Sock, Add	*0.79*	
32 84 23 00-0564	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402)	57.69	15.67
		For Root Watering Sand Sock, Add	*0.79*	
32 84 23 00-0565	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402)	61.76	15.67
		For Root Watering Sand Sock, Add	*0.79*	
32 84 23 00-0566	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401)	40.88	13.43
		For Root Watering Sand Sock, Add	*0.79*	
32 84 23 00-0567	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401)	44.75	13.43
		For Root Watering Sand Sock, Add	*0.79*	

32 90 Planting *(32)*

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation *(32 90)*

32 91 13 Soil Preparation *(32 91)*

32 91 13 16 Mulching *(32 91 13)*

32 91 13 16-0001		Mulch *(32 91 13 16)*		
		Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.		
32 91 13 16-0002	CY	Pea Gravel Mulch	85.77	
		For >5 To 20, Deduct	*-7.14*	
		For >20 To 50, Deduct	*-10.70*	
		For >50, Deduct	*-14.99*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0003	CY	Stone/Gravel Mulch, Marble Chips	211.30	
		For >5 To 20, Deduct	*-13.41*	
		For >20 To 50, Deduct	*-20.12*	
		For >50, Deduct	*-30.68*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0004	CY	Stone Mulch, Decomposed Granite Chips	111.87	
		For >5 To 20, Deduct	*-8.44*	
		For >20 To 50, Deduct	*-12.66*	
		For >50, Deduct	*-18.26*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0005	CY	Pine Bark Nugget Mulch	94.46	
		For >5 To 20, Deduct	*-7.57*	
		For >20 To 50, Deduct	*-11.36*	
		For >50, Deduct	*-16.08*	
		For Work On Slopes >2.5:1, Add	*11.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0006	CY	Hardwood Bark Nugget Mulch	92.96	
		For >5 To 20, Deduct	*-7.50*	
		For >20 To 50, Deduct	*-11.24*	
		For >50, Deduct	*-15.89*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0007	CY	Pine Wood Chip Mulch	89.96	
		For >5 To 20, Deduct	*-7.35*	
		For >20 To 50, Deduct	*-11.02*	
		For >50, Deduct	*-15.52*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0008	CY	Hardwood Chip Mulch	95.96	
		For >5 To 20, Deduct	*-7.65*	
		For >20 To 50, Deduct	*-11.47*	
		For >50, Deduct	*-16.27*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0009	CY	Shredded Hardwood Mulch	95.96	
		For >5 To 20, Deduct	*-7.65*	
		For >20 To 50, Deduct	*-11.47*	
		For >50, Deduct	*-16.27*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0010	CY	Shredded Pine Mulch	82.46	
		For >5 To 20, Deduct	*-6.97*	
		For >20 To 50, Deduct	*-10.46*	
		For >50, Deduct	*-14.58*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0011	CY	Shredded Cedar Mulch	111.71	
		For >5 To 20, Deduct	*-8.43*	
		For >20 To 50, Deduct	*-12.65*	
		For >50, Deduct	*-18.24*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0012	CY	Shredded Cypress Mulch	109.46	
		For >5 To 20, Deduct	*-8.32*	
		For >20 To 50, Deduct	*-12.48*	
		For >50, Deduct	*-17.95*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0013	CY	Shredded Redwood Mulch	115.46	
		For >5 To 20, Deduct	*-8.62*	
		For >20 To 50, Deduct	*-12.93*	
		For >50, Deduct	*-18.70*	
		For Work On Slopes >2.5:1, Add	*11.39*	
32 91 13 16-0014	CY	Chunk Recycled Tire Mulch	177.67	
		For >5 To 20, Deduct	*-12.52*	
		For >20 To 50, Deduct	*-18.78*	
		For >50, Deduct	*-27.66*	
		For Work On Slopes >2.5:1, Add	*14.53*	
32 91 13 16-0015	CY	Chunk Colored Recycled Tire Mulch	281.17	
		For >5 To 20, Deduct	*-17.69*	
		For >20 To 50, Deduct	*-26.54*	
		For >50, Deduct	*-40.60*	
		For Work On Slopes >2.5:1, Add	*14.53*	
32 91 13 16-0016	CY	Shredded Recycled Tire Mulch	282.67	
		For >5 To 20, Deduct	*-17.77*	
		For >20 To 50, Deduct	*-26.65*	
		For >50, Deduct	*-40.78*	
		For Work On Slopes >2.5:1, Add	*14.53*	
32 91 13 16-0017	CY	Shredded Colored Recycled Tire Mulch	489.67	
		For >5 To 20, Deduct	*-28.12*	
		For >20 To 50, Deduct	*-42.18*	
		For >50, Deduct	*-66.66*	
		For Work On Slopes >2.5:1, Add	*14.53*	
32 91 13 16-0018	EA	Pine Straw Mulch Bale Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.	8.41	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.00*	
		For Work On Slopes >2.5:1, Add	*0.63*	
32 91 13 16-0019	EA	Wheat Straw Mulch Bale Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	8.53	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.97*	
		For Work On Slopes >2.5:1, Add	*0.47*	

32 91 13 16-0020 Compost Soil Amendment (AgriService) *(32 91 13 16)*
Note: Includes loading, delivery up to 15 miles and spreading. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles.

32 91 13 16-0021	CY	Humic Compost (OIM) Note: (Agri Service or Equal)	68.59	
		For Work On Slopes >2.5:1, Add	*11.39*	
		For >100 To 1,000, Deduct	*-11.97*	
		For >1,000, Deduct	*-18.25*	

32 91 13 26 Planting Beds *(32 91 13)*
Note: Not for use when installing trees and shrubs.

32 91 13 26-0001 Plant Bed Preparation *(32 91 13 26)*
Note: Not for use when installing trees and shrubs.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 26-0002	SF	Prepare And Mix Plant Bed, Up To 8" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	0.89	
		For Work On Slopes >2.5:1, Add	*0.18*	
32 91 13 26-0003	SF	Prepare And Mix Plant Bed, 9" To 13" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.03	
		For Work On Slopes >2.5:1, Add	*0.21*	
32 91 13 26-0004	SF	Prepare And Mix Plant Bed, 14" To 18" Deep By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.21	
		For Work On Slopes >2.5:1, Add	*0.24*	
32 91 13 26-0005	SF	Prepare And Mix Plant Bed By Hand, Up To 8" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	4.09	
		For Work On Slopes >2.5:1, Add	*0.82*	
32 91 13 26-0006	SF	Prepare And Mix Plant Bed By Hand, 9" To 13" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	4.70	
		For Work On Slopes >2.5:1, Add	*0.94*	
32 91 13 26-0007	SF	Prepare And Mix Plant Bed By Hand, 14" To 18" Deep Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	5.54	
		For Work On Slopes >2.5:1, Add	*1.11*	
32 91 13 26-0008		Planting Pit Preparation *(32 91 13 26)* Note: Not for use when installing trees and shrubs.		
32 91 13 26-0009	CY	Excavate Planting Pit By Hand, Sandy Soil Note: For use with existing planting pits.	70.82	
		For Work On Slopes >2.5:1, Add	*14.16*	
32 91 13 26-0010	CY	Excavate Planting Pit By Hand, Heavy Soil Note: For use with existing planting pits.	141.64	
		For Work On Slopes >2.5:1, Add	*28.33*	
32 91 13 26-0011	CY	Excavate Planting Pit By Machine, Sandy Soil Note: For use with existing planting pits.	11.10	
		For Work On Slopes >2.5:1, Add	*2.22*	
32 91 13 26-0012	CY	Excavate Planting Pit By Machine, Heavy Soil Note: For use with existing planting pits.	14.45	
		For Work On Slopes >2.5:1, Add	*2.89*	
32 91 13 26-0013	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	62.93	
		For Work On Slopes >2.5:1, Add	*12.59*	
32 91 13 26-0014	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix	117.41	
		For Work On Slopes >2.5:1, Add	*11.42*	
32 91 13 26-0015	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	6.05	
		For Work On Slopes >2.5:1, Add	*1.21*	
32 91 13 26-0016	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix	75.22	
		For Work On Slopes >2.5:1, Add	*2.98*	
32 91 13 26-0017		Weed Barrier *(32 91 13 26)*		
32 91 13 26-0018	SY	Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier	1.51	
		For Work On Slopes >2.5:1, Add	*0.11*	
32 91 13 26-0019	SY	4 Oz/SY Woven, Polypropylene Weed Barrier	2.00	
		For Work On Slopes >2.5:1, Add	*0.11*	
32 91 13 26-0020	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier	2.21	
		For Work On Slopes >2.5:1, Add	*0.11*	
32 91 13 33		**Soil Conditioners** *(32 91 13)*		
32 91 13 33-0001		Spread Soil Conditioners *(32 91 13 33)*		
32 91 13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader	0.23	
32 91 13 33-0003	MSF	Aluminum Sulfate 110 LB/MSF Tractor Spreader	20.76	
32 91 13 33-0004	MSF	Fertilizer, 20 LB/MSF, Push Spreader	5.38	
32 91 13 33-0005	MSF	Fertilizer, 20 LB/MSF, Tractor Spread	1.95	
32 91 13 33-0006	MSF	Fertilizer, 20 LB/MSF, Truck Spread	3.89	
32 91 13 33-0007	SY	Pelletized Lime, 1 LB/SY, Push Spreader	0.07	
32 91 13 33-0008	MSF	Pelitized Lime, 110 LB/MSF, Tractor Spreader	4.30	
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader	1.86	
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader	192.55	
32 91 13 33-0011	SY	Vermiculite, Push Spreader	1.73	
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader	188.10	
32 91 13 33-0013	SY	Humate Granular Soil Conditioner, 0.10 LB/SY, Push Spreader	0.14	
32 91 13 33-0014	MSF	Humate Granular Soil Conditioner, 10 LB/MSF, Tractor Spreader	11.93	
32 91 13 36		**Lawn Bed Preparation** *(32 91 13)*		
32 91 13 36-0001		Lawn Bed Preparation *(32 91 13 36)*		
32 91 13 36-0002	MSF	Rake Topsoil With Machine	69.46	
32 91 13 36-0003	MSF	Rake Topsoil By Hand	56.65	
32 91 13 36-0004	MSF	Screen Loam By Hand	37.77	
32 91 13 36-0005	SY	Roll Topsoil With Machine	0.90	
32 91 13 36-0006	SY	Roll Topsoil By Hand	2.53	
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine	8.22	
32 91 13 36-0008	MSF	Removal Of Rocks And Debris By Hand	25.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders	42.99	
		For >45 to 225, Deduct	*-30.09*	
		For >225, Deduct	*-38.69*	
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders	71.64	
		For >45 to 225, Deduct	*-50.15*	
		For >225, Deduct	*-64.48*	
32 91 13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor	3.85	
32 91 13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor	7.79	
		For Work On Slopes >2.5:1, Add	*1.56*	
32 91 13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.60	
32 91 13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller	0.73	
32 91 13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller	0.90	
32 91 13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds	1.00	

32 91 13 36-0017 Sod Removal *(32 91 13 36)*

32 91 13 36-0018	SY	Removal Of Sod By Hand	4.77	
		For Work On Slopes >2.5:1, Add	*0.95*	
32 91 13 36-0019	SY	Removal Of Sod With Machine	0.51	
		For Work On Slopes >2.5:1, Add	*0.10*	
32 91 13 36-0020	SY	Pile Sod By Hand	2.83	
		For Work On Slopes >2.5:1, Add	*0.57*	
32 91 13 36-0021	SY	Pile Sod With Machine	0.97	
		For Work On Slopes >2.5:1, Add	*0.19*	

32 91 19 Landscape Grading *(32 91)*

32 91 19 13 Topsoil Placement And Grading *(32 91 19)*

32 91 19 13-0001 Remove And Stockpile Topsoil On Site *(32 91 19 13)*

32 91 19 13-0002	CY	Removal Of Topsoil, 4" Deep Stockpile On Site	3.94	
32 91 19 13-0003	CY	Removal Of Topsoil, 6" Deep Stockpile On Site	3.91	

32 91 19 13-0004 Screening Topsoil *(32 91 19 13)*

32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic)	8.54	
32 91 19 13-0006	CY	Screen Topsoil With Vibrating Screen, Dry Material	5.70	

32 91 19 13-0007 Spreading Topsoil From Stockpile *(32 91 19 13)*

32 91 19 13-0008	CY	Spread Topsoil By Machine From Stockpile	6.59	
32 91 19 13-0009	CY	Spread Topsoil By Hand From Stockpile	54.05	

32 91 19 13-0010 Furnish And Place Imported Screened Topsoil *(32 91 19 13)*

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0039 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.

32 91 19 13-0011	SY	Furnish And Place Imported Screened Topsoil, 2" Deep	4.02	
		For Unscreened, Deduct	*-0.63*	
32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 4" Deep	7.80	
		For Unscreened, Deduct	*-1.27*	
32 91 19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 6" Deep	11.37	
		For Unscreened, Deduct	*-1.90*	
32 91 19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 9" Deep	16.57	
		For Unscreened, Deduct	*-2.84*	
32 91 19 13-0015	SY	Furnish And Place Imported Screened Topsoil, 12" Deep	21.78	
		For Unscreened, Deduct	*-3.79*	
32 91 19 13-0016	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep	61.32	
		For Unscreened, Deduct	*-11.38*	

32 91 19 13-0017 Scarify Soil For Planting Preparation *(32 91 19 13)*

Note: Ripped in multiple directions with 3" maximum clods.

32 91 19 13-0018	MSF	Up To 5,000 SF Scarify Up To 8" Soil With Machine	51.97	
32 91 19 13-0019	MSF	>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine	36.37	
32 91 19 13-0020	MSF	>20,000 SF Scarify Up To 8" Soil With Machine	21.31	

32 92 Turf And Grasses *(32 90)*

32 92 16 Plugging *(32 92)*

32 92 16 00-0001 Bermuda Or Centipede Plugging, 1" Deep *(32 92 16)*

Note: Includes fine grade and soil preparation.

32 92 16 00-0002 6" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0003	MSF	Plugging By Hand, 6" On Center	190.98	
32 92 16 00-0004	MSF	Plugging By Walk Behind Planter, 6" On Center	33.41	
32 92 16 00-0005	MSF	Plugging By Towed Planter, 6" On Center	27.00	

32 92 16 00-0006 9" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0007	MSF	Plugging By Hand, 9" On Center	146.29	
32 92 16 00-0008	MSF	Plugging By Walk Behind Planter, 9" On Center	25.80	
32 92 16 00-0009	MSF	Plugging By Towed Planter, 9" On Center	20.14	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 92 16 00-0010 12" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0011	MSF	Plugging By Hand, 12" On Center	121.76
32 92 16 00-0012	MSF	Plugging By Walk Behind Planter, 12" On Center	17.09
32 92 16 00-0013	MSF	Plugging By Towed Planter, 12" On Center	12.74

32 92 19 Seeding *(32 92)*

32 92 19 13 Mechanical Seeding *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding *(32 92 19 13)*

Note: Excludes straw.

32 92 19 13-0002	MSF	Common Bluegrass, Tractor Spreader Note: 4 LB/MSF spread rate.	45.54
32 92 19 13-0003	MSF	Tall Fescue, Tractor Spreader Note: 5.5 LB/MSF spread rate.	33.95
32 92 19 13-0004	MSF	Rye, Tractor Spreader Note: 10 LB/MSF spread rate.	34.77
32 92 19 13-0005	MSF	Shade Mix, Tractor Spreader Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	38.94
32 92 19 13-0006	MSF	Turf Mix, Tractor Spreader Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	41.94
32 92 19 13-0007	MSF	Slope Mix, Tractor Spreader Note: 6 LB/MSF spread rate.	37.94
32 92 19 13-0008	MSF	Utility Mix, Tractor Spreader Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	32.96
32 92 19 13-0009	MSF	Wild Flower Mix, Tractor Spreader Note: 0.10 LB/MSF spread rate.	23.56
32 92 19 13-0010	MSF	Crown Vetch Mix, Tractor Spreader Note: 4 LB/MSF spread rate.	97.89
32 92 19 13-0011	MSF	Athletic Mix, Tractor Spreader Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	53.93
32 92 19 13-0012	MSF	White Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	23.46
32 92 19 13-0013	MSF	Ladino Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	27.45

32 92 19 13-0014 Hydro Or Air Mechanical Seeding *(32 92 19 13)*

32 92 19 13-0015	MSF	Common Bluegrass, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	89.67
		For Spot Areas Up To 1, Add	*83.95*
		For >1 To 4, Add	*52.90*
		For >4 To 7.5, Add	*35.19*
		For >7.5 To 10, Add	*17.60*
		For >45, Deduct	*-6.67*
		For Tackifier, Add	*0.82*
32 92 19 13-0016	MSF	Tall Fescue, Hydro Or Air Seeding Note: 5.5 LB/MSF spread rate.	96.67
		For Spot Areas Up To 1, Add	*86.75*
		For >1 To 4, Add	*54.30*
		For >4 To 7.5, Add	*35.89*
		For >7.5 To 10, Add	*17.95*
		For >45, Deduct	*-7.02*
		For Tackifier, Add	*0.82*
32 92 19 13-0017	MSF	Rye, Hydro Or Air Spread Note: 10 LB/MSF spread rate.	89.97
		For Spot Areas Up To 1, Add	*84.07*
		For >1 To 4, Add	*52.96*
		For >4 To 7.5, Add	*35.22*
		For >7.5 To 10, Add	*17.61*
		For >45, Deduct	*-6.68*
		For Tackifier, Add	*0.82*
32 92 19 13-0018	MSF	Shade Mix, Hydro Or Air Seeding Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	89.67
		For Spot Areas Up To 1, Add	*83.95*
		For >1 To 4, Add	*52.90*
		For >4 To 7.5, Add	*35.19*
		For >7.5 To 10, Add	*17.60*
		For >45, Deduct	*-6.67*
		For Tackifier, Add	*0.82*
32 92 19 13-0019	MSF	Turf Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	96.67
		For Spot Areas Up To 1, Add	*86.75*
		For >1 To 4, Add	*54.30*
		For >4 To 7.5, Add	*35.89*
		For >7.5 To 10, Add	*17.95*
		For >45, Deduct	*-7.02*
		For Tackifier, Add	*0.82*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0020	MSF	Slope Mix, Hydro Or Air Seeding	93.67	
		Note: 6 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*85.55*	
		For >1 To 4, Add	*53.70*	
		For >4 To 7.5, Add	*35.59*	
		For >7.5 To 10, Add	*17.80*	
		For >45, Deduct	*-6.87*	
		For Tackifier, Add	*0.82*	
32 92 19 13-0021	MSF	Utility Mix, Hydro Or Air Seeding	91.25	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For Spot Areas Up To 1, Add	*84.58*	
		For >1 To 4, Add	*53.22*	
		For >4 To 7.5, Add	*35.35*	
		For >7.5 To 10, Add	*17.68*	
		For >45, Deduct	*-6.75*	
		For Tackifier, Add	*0.82*	
32 92 19 13-0022	MSF	Wild Flower Mix, Hydro Or Air Seeding	83.47	
		Note: 0.10 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*81.47*	
		For >1 To 4, Add	*51.66*	
		For >4 To 7.5, Add	*34.57*	
		For >7.5 To 10, Add	*17.29*	
		For >45, Deduct	*-6.36*	
		For Tackifier, Add	*0.82*	
32 92 19 13-0023	MSF	Crown Vetch Mix, Hydro Or Air Seeding	153.62	
		Note: 4 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*109.53*	
		For >1 To 4, Add	*65.69*	
		For >4 To 7.5, Add	*41.59*	
		For >7.5 To 10, Add	*20.79*	
		For >45, Deduct	*-9.87*	
		For Tackifier, Add	*0.82*	
32 92 19 13-0024	MSF	Athletic Mix, Hydro Or Air Seeding	131.66	
		Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
		For Spot Areas Up To 1, Add	*100.75*	
		For >1 To 4, Add	*61.30*	
		For >4 To 7.5, Add	*39.39*	
		For >7.5 To 10, Add	*19.70*	
		For >45, Deduct	*-8.77*	
		For Tackifier, Add	*0.82*	
32 92 19 13-0025	MSF	White Clover Mix, Hydro Or Air Seeding	73.98	
		Note: 7 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*77.67*	
		For >1 To 4, Add	*49.76*	
		For >4 To 7.5, Add	*33.62*	
		For >7.5 To 10, Add	*16.81*	
		For >45, Deduct	*-5.88*	
		For Tackifier, Add	*0.82*	
32 92 19 13-0026	MSF	Ladino Clover Mix, Hydro Or Air Seeding	85.67	
		Note: 7 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*82.35*	
		For >1 To 4, Add	*52.10*	
		For >4 To 7.5, Add	*34.79*	
		For >7.5 To 10, Add	*17.40*	
		For >45, Deduct	*-6.47*	
		For Tackifier, Add	*0.82*	
32 92 19 13-0027	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread	91.67	
		Note: 4 LB/MSF spread rate.		
		For Spot Areas Up To 1, Add	*84.75*	
		For >1 To 4, Add	*53.30*	
		For >4 To 7.5, Add	*35.39*	
		For >7.5 To 10, Add	*17.70*	
		For >45, Deduct	*-6.77*	
		For Tackifier, Add	*0.82*	
32 92 19 13-0028	MSF	2,500 LB/Acre, High Performance - Flexible Growth Medium	78.74	
		Note: Applied with seed. Excludes seed.		
		For >45, Deduct	*-5.03*	
32 92 19 13-0029	MSF	3,000 LB/Acre, High Performance - Flexible Growth Medium	91.20	
		Note: Applied with seed. Excludes seed.		
		For >45, Deduct	*-5.71*	
32 92 19 13-0030	MSF	3,500 LB/Acre, High Performance - Flexible Growth Medium	103.74	
		Note: Applied with seed. Excludes seed.		
		For >45, Deduct	*-6.39*	
32 92 19 13-0031	MSF	4,000 LB/Acre, High Performance - Flexible Growth Medium	116.31	
		Note: Applied with seed. Excludes seed.		
		For >45, Deduct	*-7.08*	
32 92 19 13-0032	MSF	4,500 LB/Acre, High Performance - Flexible Growth Medium	128.94	
		Note: Applied with seed. Excludes seed.		
		For >45, Deduct	*-7.78*	

32 92 19 19 Seeding By Hand *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 19-0001 Push Spreader Or Hand Seeding *(32 92 19 19)*

Note: Excludes straw.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0002	MSF	Common Bluegrass, Push Spreader Or Hand	98.39	
		Note: 4 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-6.69*	
		For >20 To 45, Deduct	*-12.69*	
		For >45, Deduct	*-20.46*	
32 92 19 19-0003	MSF	Tall Fescue, Push Spreader Or Hand	86.80	
		Note: 5.5 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-6.11*	
		For >20 To 45, Deduct	*-11.82*	
		For >45, Deduct	*-19.30*	
32 92 19 19-0004	MSF	Rye, Push Spreader Or Hand	87.62	
		Note: 10 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-6.15*	
		For >20 To 45, Deduct	*-11.88*	
		For >45, Deduct	*-19.38*	
32 92 19 19-0005	MSF	Shade Mix, Push Spreader Or Hand	91.79	
		Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
		For >5 To 20, Deduct	*-6.36*	
		For >20 To 45, Deduct	*-12.20*	
		For >45, Deduct	*-19.80*	
32 92 19 19-0006	MSF	Turf Mix, Push Spreader Or Hand	94.79	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		For >5 To 20, Deduct	*-6.51*	
		For >20 To 45, Deduct	*-12.42*	
		For >45, Deduct	*-20.10*	
32 92 19 19-0007	MSF	Slope Mix, Push Spreader Or Hand	90.79	
		Note: 6 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-6.31*	
		For >20 To 45, Deduct	*-12.12*	
		For >45, Deduct	*-19.70*	
32 92 19 19-0008	MSF	Utility Mix, Push Spreader Or Hand	85.81	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For >5 To 20, Deduct	*-6.06*	
		For >20 To 45, Deduct	*-11.75*	
		For >45, Deduct	*-19.20*	
32 92 19 19-0009	MSF	Wild Flower Mix, Push Spreader Or Hand	76.41	
		Note: 0.10 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-5.59*	
		For >20 To 45, Deduct	*-11.04*	
		For >45, Deduct	*-18.26*	
32 92 19 19-0010	MSF	Crown Vetch Mix, Push Spreader Or Hand	150.74	
		Note: 4 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-9.31*	
		For >20 To 45, Deduct	*-16.62*	
		For >45, Deduct	*-25.70*	
32 92 19 19-0011	MSF	Athletic Mix, Push Spreader Or Hand	106.78	
		Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
		For >5 To 20, Deduct	*-7.11*	
		For >20 To 45, Deduct	*-13.32*	
		For >45, Deduct	*-21.30*	
32 92 19 19-0012	MSF	White Clover Mix, Push Spreader Or Hand	76.31	
		Note: 7 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-5.59*	
		For >20 To 45, Deduct	*-11.03*	
		For >45, Deduct	*-18.25*	
32 92 19 19-0013	MSF	Ladino Clover Mix, Push Spreader Or Hand	80.30	
		Note: 7 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-5.79*	
		For >20 To 45, Deduct	*-11.33*	
		For >45, Deduct	*-18.65*	
32 92 19 19-0014	MSF	100% Kentucky Bluegrass, Push Spreader Or Hand	100.29	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-6.78*	
		For >20 To 45, Deduct	*-12.83*	
		For >45, Deduct	*-20.65*	
32 92 19 19-0015	MSF	70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand	94.79	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-6.51*	
		For >20 To 45, Deduct	*-12.42*	
		For >45, Deduct	*-20.10*	
32 92 19 19-0016	MSF	50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand	90.79	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-6.31*	
		For >20 To 45, Deduct	*-12.12*	
		For >45, Deduct	*-19.70*	
32 92 19 19-0017	MSF	50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand	98.79	
		Note: 4.4 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-6.71*	
		For >20 To 45, Deduct	*-12.72*	
		For >45, Deduct	*-20.50*	
32 92 19 19-0018	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand	92.79	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-6.41*	
		For >20 To 45, Deduct	*-12.27*	
		For >45, Deduct	*-19.90*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0019	MSF	40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand Note: 3.3 LB/MSF spread rate.	94.79	
		For >5 To 20, Deduct	*-6.51*	
		For >20 To 45, Deduct	*-12.42*	
		For >45, Deduct	*-20.10*	

32 92 23 Sodding *(32 92)*

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

32 92 23 00-0001 Tall Fescue Sod *(32 92 23)*

32 92 23 00-0002	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	2,326.47	
		For Hybrid Fescue "Marathon", Add	*177.36*	
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	1,850.29	
		For Hybrid Fescue "Marathon", Add	*133.19*	
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,555.43	
		For Hybrid Fescue "Marathon", Add	*111.11*	
32 92 23 00-0005	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,304.99	
		For Hybrid Fescue "Marathon", Add	*89.03*	
32 92 23 00-0006	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,602.93	
		For Hybrid Fescue "Marathon", Add	*177.36*	
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,085.91	
		For Hybrid Fescue "Marathon", Add	*133.19*	
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,717.99	
		For Hybrid Fescue "Marathon", Add	*111.11*	
32 92 23 00-0009	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,443.22	
		For Hybrid Fescue "Marathon", Add	*89.03*	

32 93 Plants *(32 90)*

32 93 13 Ground Covers *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0078 for installation and planting of ground cover.

32 93 13 00-0001 Ornamental Grasses *(32 93 13)*

32 93 13 00-0002	EA	1 Gallon, Cortaderia selloana - Pampas Grass	16.20
32 93 13 00-0003	EA	2 Gallon, Cortaderia selloana - Pampas Grass	29.95
32 93 13 00-0004	EA	3 Gallon, Cortaderia selloana - Pampas Grass	54.43
32 93 13 00-0005	EA	5 Gallon, Cortaderia selloana - Pampas Grass	99.06
32 93 13 00-0006	EA	1 Quart, Imperata cylindrica - Japanese Blood Grass	12.40
32 93 13 00-0007	EA	1 Gallon, Imperata cylindrica - Japanese Blood Grass	16.49
32 93 13 00-0008	EA	2 Gallon, Imperata cylindrica - Japanese Blood Grass	17.65
32 93 13 00-0009	EA	1 Quart, Koeleria glauca - Blue Hair Grass	12.37
32 93 13 00-0010	EA	1 Gallon, Koeleria glauca - Blue Hair Grass	16.49
32 93 13 00-0011	EA	3 Gallon, Koeleria glauca - Blue Hair Grass	39.90
32 93 13 00-0012	EA	1 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	15.66
32 93 13 00-0013	EA	3 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	20.29
32 93 13 00-0014	EA	5 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	38.79
32 93 13 00-0015	EA	1 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	14.53
32 93 13 00-0016	EA	3 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	22.85
32 93 13 00-0017	EA	5 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	39.10
32 93 13 00-0018	EA	1 Quart, Pennisetum setaceum - Fountain Grass	13.53
32 93 13 00-0019	EA	1 Gallon, Pennisetum setaceum - Fountain Grass	34.41
32 93 13 00-0020	EA	3 Gallon, Pennisetum setaceum - Fountain Grass	45.37
32 93 13 00-0021	EA	1 Gallon, Saccharum ravennae - Ravenna Grass	42.83
32 93 13 00-0022	EA	3 Gallon, Saccharum ravennae - Ravenna Grass	48.11
32 93 13 00-0023	EA	7 Gallon, Saccharum ravennae - Ravenna Grass	79.37
32 93 13 00-0024	EA	1 Gallon, Spartina pectinata - Variegated Cord Grass	23.25
32 93 13 00-0025	EA	2 Gallon, Spartina pectinata - Variegated Cord Grass	34.80
32 93 13 00-0026	EA	1 Quart, Stipa gigantea - Giant Feather Grass	17.75
32 93 13 00-0027	EA	1 Gallon, Stipa gigantea - Giant Feather Grass	24.74

32 93 13 00-0028 Ground Covers *(32 93 13)*

32 93 13 00-0029	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag	7.96
32 93 13 00-0030	EA	3" Pot Ajuga reptans - Carpet Bugle	1.91
32 93 13 00-0031	EA	1 Quart Ajuga reptans - Carpet Bugle	3.18
32 93 13 00-0032	EA	1 Gallon Ajuga reptans - Carpet Bugle	7.64
32 93 13 00-0033	EA	24 Plant Flat Ajuga reptans - Carpet Bugle	32.90
32 93 13 00-0034	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe	26.53
32 93 13 00-0035	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe	48.61
32 93 13 00-0036	EA	1 Quart Arundo donax - Giant Reed	10.19
32 93 13 00-0037	EA	1 Gallon Arundo donax - Giant Reed	14.65
32 93 13 00-0038	EA	1 Quart Baccharis Pilularis - Dwarf Coyote Bush	3.18
32 93 13 00-0039	EA	1 Gallon Baccharis Pilularis - Dwarf Coyote Bush	5.52
32 93 13 00-0040	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea	11.13
32 93 13 00-0041	EA	1 Gallon Campsis radicans - Trumpet Creeper	11.67
32 93 13 00-0042	EA	2 Gallon Campsis radicans - Trumpet Creeper	17.62
32 93 13 00-0043	EA	5 Gallon Campsis radicans - Trumpet Creeper	42.45
32 93 13 00-0044	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge	11.25
32 93 13 00-0045	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	14.65
32 93 13 00-0046	EA	1 Quart Carex hachijoensis - Variegated Japanese Sedge	5.73
32 93 13 00-0047	EA	1 Gallon Carex hachijoensis - Variegated Japanese Sedge	7.96
32 93 13 00-0048	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge	12.42
32 93 13 00-0049	EA	1 Gallon Cissus antarctica - Kangaroo Vine	6.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0050	EA	5 Gallon Cissus antarctica - Kangaroo Vine	19.32	
32 93 13 00-0051	EA	1 Gallon Cistaceae - Wrinkleleaf Rock Rose	6.16	
32 93 13 00-0052	EA	5 Gallon Cistaceae - Wrinkleleaf Rock Rose	21.01	
32 93 13 00-0053	EA	1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	6.16	
32 93 13 00-0054	EA	5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed	22.08	
32 93 13 00-0055	EA	1 Gallon Coprosma kirkii - Prostrate Coprosma	5.31	
32 93 13 00-0056	EA	5 Gallon Coprosma kirkii - Prostrate Coprosma	19.32	
32 93 13 00-0057	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	10.40	
32 93 13 00-0058	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	19.74	
32 93 13 00-0059	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster	34.81	
32 93 13 00-0060	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	6.58	
32 93 13 00-0061	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine	23.14	
32 93 13 00-0062	EA	1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	7.58	
32 93 13 00-0063	EA	1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	19.64	
32 93 13 00-0064	EA	24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	32.90	
32 93 13 00-0065	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	8.28	
32 93 13 00-0066	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	16.56	
32 93 13 00-0067	EA	1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	4.46	
32 93 13 00-0068	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	7.96	
32 93 13 00-0069	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	12.42	
32 93 13 00-0070	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	6.58	
32 93 13 00-0071	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	21.65	
32 93 13 00-0072	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	9.17	
32 93 13 00-0073	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	33.11	
32 93 13 00-0074	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	11.25	
32 93 13 00-0075	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	16.98	
32 93 13 00-0076	EA	1 Gallon Hardenbergia violacea - Happy Wanderer	7.64	
32 93 13 00-0077	EA	5 Gallon Hardenbergia violacea - Happy Wanderer	25.47	
32 93 13 00-0078	EA	2" To 3" Pot Hedera helix - English Ivy	1.91	
32 93 13 00-0079	EA	12" To 15" Runners Hedera helix - English Ivy	3.18	
32 93 13 00-0080	EA	1 Gallon Hedera helix - English Ivy	7.64	
32 93 13 00-0081	EA	50 Plant Flat Hedera helix - English Ivy	44.15	
32 93 13 00-0082	EA	3 Gallon Hibiscus, Assorted Colors	9.95	
32 93 13 00-0083	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	13.80	
32 93 13 00-0084	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	25.90	
32 93 13 00-0085	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	42.45	
32 93 13 00-0086	EA	1 Gallon Hymenocallis latifolia - Spider Lily	4.94	
32 93 13 00-0087	EA	3 Gallon Hymenocallis latifolia - Spider Lily	13.18	
32 93 13 00-0088	EA	1 Quart Hypericum perforatum - St. John's Wort	3.18	
32 93 13 00-0089	EA	1 Gallon Hypericum perforatum - St. John's Wort	7.64	
32 93 13 00-0090	EA	5 Gallon Hypericum perforatum - St. John's Wort	19.74	
32 93 13 00-0091	EA	1 Quart Iberis sempervirens - Candytuft	3.18	
32 93 13 00-0092	EA	1 Gallon Iberis sempervirens - Candytuft	7.64	
32 93 13 00-0093	EA	1 Gallon Ilex cornuta - Dwarf Holly	5.76	
32 93 13 00-0094	EA	3 Gallon Ilex cornuta - Dwarf Holly	12.35	
32 93 13 00-0095	EA	1 Gallon Jasminum polyanthum - Winter Jasmine	7.64	
32 93 13 00-0096	EA	2 Gallon Jasminum polyanthum - Winter Jasmine	15.28	
32 93 13 00-0097	EA	5 Gallon Jasminum polyanthum - Winter Jasmine	26.53	
32 93 13 00-0098	EA	1 Gallon Jasminum volubile - Wax Jasmine	4.01	
32 93 13 00-0099	EA	1 Gallon Jasminum volubile - Wax Jasmine	9.95	
32 93 13 00-0100	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	5.00	
32 93 13 00-0101	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper	11.13	
32 93 13 00-0102	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	18.54	
32 93 13 00-0103	EA	1 Gallon Juniperus horizontalis "Wiltoni' - Blue Rug Juniper	8.64	
32 93 13 00-0104	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper	8.70	
32 93 13 00-0105	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper	18.68	
32 93 13 00-0106	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper	27.59	
32 93 13 00-0107	EA	1 Gallon Lantana spp. Various Colors	4.51	
32 93 13 00-0108	EA	4" Pot Lantana camera - Common Lantana	1.91	
32 93 13 00-0109	EA	1 Gallon Lantana camera - Common Lantana	5.52	
32 93 13 00-0110	EA	1 Gallon Lantana sellowiana - Trailing Lantana	2.96	
32 93 13 00-0111	EA	4" Pot Lavandula angustifolia - English Lavender	2.76	
32 93 13 00-0112	EA	1 Quart Lavandula angustifolia - English Lavender	5.31	
32 93 13 00-0113	EA	1 Gallon Lavandula angustifolia - English Lavender	8.70	
32 93 13 00-0114	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	4.51	
32 93 13 00-0115	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	5.68	
32 93 13 00-0116	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum	9.09	
32 93 13 00-0117	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	3.56	
32 93 13 00-0118	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilyturf	8.70	
32 93 13 00-0119	EA	2 Quart Liriope spicata - Creeping Lilytuft	5.52	
32 93 13 00-0120	EA	1 Gallon Liriope spicata - Creeping Lilytuft	9.98	
32 93 13 00-0121	EA	5 Gallon Liriope spicata - Creeping Lilytuft	21.01	
32 93 13 00-0122	EA	Bare Root Liriope spicata - Creeping Liriope	1.39	
32 93 13 00-0123	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	8.70	
32 93 13 00-0124	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle	16.56	
32 93 13 00-0125	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	1.91	
32 93 13 00-0126	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	8.70	
32 93 13 00-0127	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	16.56	
32 93 13 00-0128	EA	2 Quart Lysimachia nummularia - Creeping Jenny	3.18	
32 93 13 00-0129	EA	1 Gallon Lysimachia nummularia - Creeping Jenny	6.16	
32 93 13 00-0130	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine	7.64	
32 93 13 00-0131	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine	33.11	
32 93 13 00-0132	EA	1 Quart Moss Phlox, Creeping Phlox	3.18	
32 93 13 00-0133	EA	1 Gallon Moss Phlox, Creeping Phlox	7.64	
32 93 13 00-0134	EA	1 Gallon Nephrolepis exaltata - Common Boston Fern	4.01	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0135	EA	1 Quart Nepeta mussinii - Persian Catmint	3.18	
32 93 13 00-0136	EA	1 Gallon Nepeta mussinii - Persian Catmint	6.58	
32 93 13 00-0137	EA	4" Pot Ophiopogon Japonicus - Mondo grass	1.91	
32 93 13 00-0138	EA	1 Gallon Ophiopogon Japonicus - Mondo grass	7.64	
32 93 13 00-0139	EA	5 Gallon Ophiopogon Japonicus - Mondo grass	17.62	
32 93 13 00-0140	EA	2' To 3' High Oregon Holly-Grape	8.82	
32 93 13 00-0141	EA	1 Gallon Pachysandra terminalis - Pachysandra	11.49	
32 93 13 00-0142	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy	4.25	
32 93 13 00-0143	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy	9.68	
32 93 13 00-0144	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy	26.49	
32 93 13 00-0145	EA	3" Pot Parthenocissus quinquefolia - Virginia Creeper	1.91	
32 93 13 00-0146	EA	1 Gallon Parthenocissus quinquefolia - Virginia Creeper	9.98	
32 93 13 00-0147	EA	1 Gallon Ranunculaceae - Clematis Varieties	10.97	
32 93 13 00-0148	EA	2 Gallon Ranunculaceae - Clematis Varieties	20.28	
32 93 13 00-0149	EA	3 Gallon Rhaphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn	12.35	
32 93 13 00-0150	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	1.91	
32 93 13 00-0151	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary	7.64	
32 93 13 00-0152	EA	2-1/4" Pot Securigera varia - Crown Vetch	1.27	
32 93 13 00-0153	EA	50 Plant Flat Securigera varia - Crown Vetch	43.09	
32 93 13 00-0154	EA	1 Quart Senecio cineraria - Dusty Miller	3.18	
32 93 13 00-0155	EA	1 Gallon Senecio cineraria - Dusty Miller	7.64	
32 93 13 00-0156	EA	1 Quart Stachys byzantina - Lamb's Ear	3.18	
32 93 13 00-0157	EA	1 Quart Stachys byzantina - Lamb's Ear	7.64	
32 93 13 00-0158	EA	1 Gallon Tradescantia spathacea - Dwarf Oyster Plant	4.12	
32 93 13 00-0159	EA	1 Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf"	4.01	
32 93 13 00-0160	EA	24" To 30" High Viburnum awabuki - Sweet Viburnum	26.86	
32 93 13 00-0161	EA	2 Quart Verbena peruviana "St. Paul" - St. Paul Verbena	4.03	
32 93 13 00-0162	EA	1 Gallon Verbena peruviana "St. Paul" - St. Paul Verbena	6.16	
32 93 13 00-0163	EA	2-1/4" Pot Vinca minor - Periwinkle	1.06	
32 93 13 00-0164	EA	4" Pot Vinca minor - Periwinkle	3.18	
32 93 13 00-0165	EA	Bare Root Vinca minor - Periwinkle	1.06	
32 93 13 00-0166	EA	48 Plant Flat Vinca minor - Lesser Periwinkle	37.83	
32 93 13 00-0167	EA	2-1/4" Pot Vinca major - Variegated Greater Periwinkle	1.06	
32 93 13 00-0168	EA	4" Pot Vinca major - Variegated Greater Periwinkle	3.18	
32 93 13 00-0169	EA	Bare Root Vinca major - Variegated Greater Periwinkle	1.06	
32 93 13 00-0170	EA	1 Quart Waldsteinia ternata - Barren Strawberry	3.18	
32 93 13 00-0171	EA	1 Gallon Waldsteinia ternata - Barren Strawberry	7.64	
32 93 13 00-0172	EA	1 Gallon Wisteria sinensis - Chinese Wisteria Vine	9.98	
32 93 13 00-0173	EA	3 Gallon Wisteria sinensis - Chinese Wisteria Vine	22.08	
32 93 13 00-0174	EA	5 Gallon Wisteria sinensis - Chinese Wisteria Vine	33.11	
32 93 13 00-0175	EA	Flat Hedera canariensis - Algerian Ivy	14.28	
32 93 13 00-0176	EA	2-1/2" Pot Hedera canariensis - Algerian Ivy	3.77	
32 93 13 00-0177	EA	Flat Gazania 'Copper King'	11.71	
32 93 13 00-0178	EA	1 Gallon Gazania 'Copper King'	4.00	
32 93 13 00-0179	EA	Flat Myoporum parvifolium - Myoporum	14.28	
32 93 13 00-0180	EA	1 Gallon Myoporum parvifolium - Myoporum	4.00	
32 93 13 00-0181	EA	5 Gallon Myoporum parvifolium - Myoporum	11.42	
32 93 13 00-0182	EA	1 Gallon Lantana montevidensis - Purple Lantana	4.00	
32 93 13 00-0183	EA	5 Gallon Lantana montevidensis - Purple Lantana	11.42	
32 93 13 00-0184	EA	Flat Carpobrotus - Ice Plant	10.85	
32 93 13 00-0185	EA	1 Gallon Carpobrotus - Ice Plant	4.57	

32 93 23 Plants And Bulbs *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0078 for installation and planting of bulbs and annuals.

32 93 23 00-0001 Perennials *(32 93 23)*

32 93 23 00-0002	EA	2 Quart Assorted Daylilies	6.16	
32 93 23 00-0003	EA	1 Gallon Assorted Daylilies	8.70	
32 93 23 00-0004	EA	2 Gallon Assorted Daylilies	14.43	
32 93 23 00-0005	EA	1 Quart Azure Penstemon	3.18	
32 93 23 00-0006	EA	1 Gallon Azure Penstemon	7.96	
32 93 23 00-0007	EA	1 Quart Balloon Flower	3.18	
32 93 23 00-0008	EA	1 Gallon Balloon Flower	7.96	
32 93 23 00-0009	EA	1 Quart Black-eyed Susan	3.18	
32 93 23 00-0010	EA	1 Gallon Black-eyed Susan	7.96	
32 93 23 00-0011	EA	2 Gallon Black-eyed Susan	10.30	
32 93 23 00-0012	EA	1 Quart Blackberry Lily	3.18	
32 93 23 00-0013	EA	1 Gallon Blackberry Lily	7.96	
32 93 23 00-0014	EA	1 Quart Blank Flower	3.18	
32 93 23 00-0015	EA	1 Gallon Blank Flower	7.32	
32 93 23 00-0016	EA	2 Gallon Blank Flower	10.30	
32 93 23 00-0017	EA	1 Quart Blazing Star, Gayfeather	3.18	
32 93 23 00-0018	EA	1 Gallon Blazing Star, Gayfeather	7.96	
32 93 23 00-0019	EA	1 Quart Bloodred Geranium	5.41	
32 93 23 00-0020	EA	1 Gallon Bloodred Geranium	9.13	
32 93 23 00-0021	EA	1 Quart Blue Plumbago	3.18	
32 93 23 00-0022	EA	1 Gallon Blue Plumbago	7.96	
32 93 23 00-0023	EA	1 Quart Blue Star	5.73	
32 93 23 00-0024	EA	1 Gallon Blue Star	9.13	
32 93 23 00-0025	EA	1 Quart Cardinal Flower	3.18	
32 93 23 00-0026	EA	1 Gallon Cardinal Flower	7.96	
32 93 23 00-0027	EA	4" Pot Columbine	1.91	
32 93 23 00-0028	EA	1 Quart Columbine	3.18	
32 93 23 00-0029	EA	1 Gallon Columbine	7.96	
32 93 23 00-0030	EA	1 Quart Common Globeflower	3.18	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0031	EA	1 Gallon Common Globeflower	7.96	
32 93 23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink	3.18	
32 93 23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink	7.96	
32 93 23 00-0034	EA	1 Gallon Astilbe 'Deutschland'	11.46	
32 93 23 00-0035	EA	1 Quart Diploid	4.03	
32 93 23 00-0036	EA	1 Gallon Diploid	9.13	
32 93 23 00-0037	EA	3 Gallon Diploid	15.71	
32 93 23 00-0038	EA	4" Pot Dune Sunflower	4.54	
32 93 23 00-0039	EA	1 Quart Evans Begonia	5.73	
32 93 23 00-0040	EA	1 Gallon Evans Begonia	10.30	
32 93 23 00-0041	EA	1 Quart False Dragonhead	3.18	
32 93 23 00-0042	EA	1 Gallon False Dragonhead	7.96	
32 93 23 00-0043	EA	1 Quart False Spirea	3.18	
32 93 23 00-0044	EA	1 Gallon False Spirea	10.30	
32 93 23 00-0045	EA	3 Gallon False Spirea	14.22	
32 93 23 00-0046	EA	2 Quart False Sunflower	5.09	
32 93 23 00-0047	EA	1 Gallon False Sunflower	7.96	
32 93 23 00-0048	EA	2 Gallon False Sunflower	10.30	
32 93 23 00-0049	EA	1 Gallon Foxglove	7.32	
32 93 23 00-0050	EA	2 Gallon Foxglove	10.30	
32 93 23 00-0051	EA	3 Gallon Foxglove	14.86	
32 93 23 00-0052	EA	1 Gallon Francee Hostas	12.89	
32 93 23 00-0053	EA	1 Quart Garden Phlox	3.18	
32 93 23 00-0054	EA	1 Gallon Garden Phlox	7.96	
32 93 23 00-0055	EA	2 Quart Golden Groundsel	6.79	
32 93 23 00-0056	EA	2 Gallon Golden Groundsel	13.69	
32 93 23 00-0057	EA	1 Quart Golden Star	3.18	
32 93 23 00-0058	EA	1 Gallon Golden Star	7.96	
32 93 23 00-0059	EA	1 Quart Goldenrod	3.18	
32 93 23 00-0060	EA	1 Gallon Goldenrod	7.96	
32 93 23 00-0061	EA	1 Gallon Happy Returns Daylillies	14.82	
32 93 23 00-0062	EA	4" Pot Hardy Aster, Michaelmas Daisy	1.91	
32 93 23 00-0063	EA	1 Quart Hardy Aster, Michaelmas Daisy	3.18	
32 93 23 00-0064	EA	1 Gallon Hardy Aster, Michaelmas Daisy	7.96	
32 93 23 00-0065	EA	1 Quart Hardy Chrysanthemum	2.76	
32 93 23 00-0066	EA	6" To 8" Pot Hardy Chrysanthemum	4.57	
32 93 23 00-0067	EA	1 Gallon Hardy Chrysanthemum	7.32	
32 93 23 00-0068	EA	1 Gallon Herbaceous Peony	11.36	
32 93 23 00-0069	EA	2 Gallon Herbaceous Peony	18.15	
32 93 23 00-0070	EA	3 Gallon Herbaceous Peony	23.88	
32 93 23 00-0071	EA	4" Pot Japanese Anemone	1.91	
32 93 23 00-0072	EA	1 Quart Japanese Anemone	5.73	
32 93 23 00-0073	EA	2 Gallon Japanese Anemone	10.30	
32 93 23 00-0074	EA	2" Pot Japanese Spurge	1.13	
32 93 23 00-0075	EA	6" Pot Japanese Spurge	1.70	
32 93 23 00-0076	EA	1 Gallon Japanese Spurge	7.31	
32 93 23 00-0077	EA	1 Quart Oriental Poppy	4.57	
32 93 23 00-0078	EA	1 Gallon Oriental Poppy	9.13	
32 93 23 00-0079	EA	48 Plant Flat Pachysandra terminalis	37.83	
32 93 23 00-0080	EA	1 Gallon Pacific Coast Iris	6.26	
32 93 23 00-0081	EA	3 Gallon Pacific Coast Iris	11.89	
32 93 23 00-0082	EA	1 Gallon Palace Purple Coral Bells	12.05	
32 93 23 00-0083	EA	4" Pot Perennial Salvia	1.91	
32 93 23 00-0084	EA	1 Quart Perennial Salvia	3.18	
32 93 23 00-0085	EA	1 Gallon Perennial Salvia	7.96	
32 93 23 00-0086	EA	1 Quart Pincushion Flower	3.18	
32 93 23 00-0087	EA	1 Gallon Pincushion Flower	7.96	
32 93 23 00-0088	EA	2 Quart Plantain Lily	6.16	
32 93 23 00-0089	EA	1 Gallon Plantain Lily	8.70	
32 93 23 00-0090	EA	2 Gallon Plantain Lily	14.43	
32 93 23 00-0091	EA	3 Gallon Plantain Lily	27.28	
32 93 23 00-0092	EA	2 Quart Purple Coneflower	5.73	
32 93 23 00-0093	EA	1 Gallon Purple Coneflower	7.96	
32 93 23 00-0094	EA	2 Gallon Purple Coneflower	10.30	
32 93 23 00-0095	EA	1 Quart Purple Loosestrife	3.18	
32 93 23 00-0096	EA	1 Gallon Purple Loosestrife	7.96	
32 93 23 00-0097	EA	1 Quart Rose Mallow	6.26	
32 93 23 00-0098	EA	2 Gallon Rose Mallow	11.36	
32 93 23 00-0099	EA	3 Gallon Rose Mallow	19.42	
32 93 23 00-0100	EA	1 Gallon Autumn Joy Sedum	12.14	
32 93 23 00-0101	EA	1 Quart Siberian Iris	5.41	
32 93 23 00-0102	EA	2 Gallon Siberian Iris	10.30	
32 93 23 00-0103	EA	3 Gallon Siberian Iris	14.22	
32 93 23 00-0104	EA	1 Quart Speedwell	3.18	
32 93 23 00-0105	EA	1 Gallon Speedwell	7.96	
32 93 23 00-0106	EA	1 Quart Tetraploid	7.96	
32 93 23 00-0107	EA	1 Gallon Tetraploid	14.86	
32 93 23 00-0108	EA	3 Gallon Tetraploid	20.27	
32 93 23 00-0109	EA	1 Quart Threadleaf Coreopsis	3.18	
32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	7.96	
32 93 23 00-0111	EA	1 Quart Torch Lily	3.18	
32 93 23 00-0112	EA	1 Quart Bluebeard	5.73	
32 93 23 00-0113	EA	1 Gallon Bluebeard	8.49	
32 93 23 00-0114	EA	2 Gallon Bluebeard	12.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 93 23 00-0115 Annuals *(32 93 23)*

32 93 23 00-0116	EA	2-1/2" Pot Annual Flowers	1.48
32 93 23 00-0117	EA	3" Pot Annual Flowers	2.00
32 93 23 00-0118	EA	4" Pot Annual Flowers	4.27
32 93 23 00-0119	EA	5-1/2" Pot Annual Flowers	5.68
32 93 23 00-0120	EA	6" Pot Annual Flowers	11.25
32 93 23 00-0121	EA	8" Pot Annual Flowers	18.75
32 93 23 00-0122	EA	36 Plant Flat Annual Flowers	24.54
32 93 23 00-0123	EA	48 Plant Flat Annual Flowers	27.84

32 93 23 00-0124 Bulbs *(32 93 23)*

32 93 23 00-0125	EA	Top Size Allium giganteum - Giant Ornamental Onion	5.14
32 93 23 00-0126	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	0.30
32 93 23 00-0127	EA	Top Size Crocus Hybrid	0.34
32 93 23 00-0128	EA	Top Size Eranthis hyemalis - Winter Aconite	0.43
32 93 23 00-0129	EA	Top Size Galanthus nivalis - Snowdrops	0.55
32 93 23 00-0130	EA	Top Size Iris reticulata cvs - Dutch Iris	0.22
32 93 23 00-0131	EA	Top Size Muscari armeniacum - Grape Hyacinth	0.26
32 93 23 00-0132	EA	Top Size Muscari latifolium - Grape Hyacinth	0.30
32 93 23 00-0133	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	1.78
32 93 23 00-0134	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	0.85
32 93 23 00-0135	EA	Narcissus 'February Gold' - February Gold Daffodil DNI	0.89
32 93 23 00-0136	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	0.89
32 93 23 00-0137	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	0.93
32 93 23 00-0138	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	0.99
32 93 23 00-0139	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	0.93
32 93 23 00-0140	EA	Narcissus 'Salome' - Salome Daffodil DNI	0.87
32 93 23 00-0141	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	0.93
32 93 23 00-0142	EA	Narcissus 'Thalia' - Thalia Daffodil DNI	0.93
32 93 23 00-0143	EA	Top Size Scilla siberica - Siberian Squill	0.28
32 93 23 00-0144	EA	Top Size Tulip 'Angelique' - Angelique Tulip	0.79
32 93 23 00-0145	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	0.59
32 93 23 00-0146	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	0.79
32 93 23 00-0147	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip	0.69
32 93 23 00-0148	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip	0.99
32 93 23 00-0149	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip	0.75
32 93 23 00-0150	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip	0.65
32 93 23 00-0151	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	0.73
32 93 23 00-0152	EA	Top Size Tulip clusiana - Species Tulip	0.73
32 93 23 00-0153	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	0.73
32 93 23 00-0154	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	0.59
32 93 23 00-0155	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	0.57
32 93 23 00-0156	EA	Top Size Tulip 'Halcro' - Halcro Tulip	0.59
32 93 23 00-0157	EA	Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip	0.99
32 93 23 00-0158	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	0.59
32 93 23 00-0159	EA	Top Size Tulip 'Passionale' - Passionale Tulip	0.79
32 93 23 00-0160	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	0.85
32 93 23 00-0161	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	0.89
32 93 23 00-0162	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	0.71
32 93 23 00-0163	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	0.67
32 93 23 00-0164	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	0.73
32 93 23 00-0165	EA	Top Size Tulip 'Princeps' - Princeps Tulip	0.73
32 93 23 00-0166	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	0.57
32 93 23 00-0167	EA	Top Size Tulip saxatilis - Species Tulip	0.40
32 93 23 00-0168	EA	Top Size Tulip 'Shirley - Shirley Tulip	0.59
32 93 23 00-0169	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip	0.77
32 93 23 00-0170	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip	0.59

32 93 33 Shrubs *(32 93)*

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0054 for installation and planting of shurbs.

32 93 33 00-0001 Shrubs *(32 93 33)*

32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia	4.10
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	8.34
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	16.01
32 93 33 00-0005	EA	1 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	5.31
32 93 33 00-0006	EA	5 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	13.14
32 93 33 00-0007	EA	15 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	52.14
32 93 33 00-0008	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	105.89
32 93 33 00-0009	EA	18" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	154.76
32 93 33 00-0010	EA	24" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	172.68
32 93 33 00-0011	EA	30" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	218.29
32 93 33 00-0012	EA	36" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	242.73
32 93 33 00-0013	EA	18" B&B Aesculus parviflora - Bottlebrush Buckeye	48.87
32 93 33 00-0014	EA	24" B&B Aesculus parviflora - Bottlebrush Buckeye	65.16
32 93 33 00-0015	EA	30" B&B Aesculus parviflora - Bottlebrush Buckeye	81.45
32 93 33 00-0016	EA	1 Gallon Agapanthus 'Peter Pan' - Lily of the Nile	5.31
32 93 33 00-0017	EA	5 Gallon Agapanthus 'Peter Pan' - Lily of the Nile	13.14
32 93 33 00-0018	EA	36" B&B Aronia arbutifolia & cvs - Red Chokeberry	71.21
32 93 33 00-0019	EA	42" B&B Aronia arbutifolia & cvs - Red Chokeberry	83.78
32 93 33 00-0020	EA	48" B&B Aronia arbutifolia & cvs - Red Chokeberry	100.54
32 93 33 00-0021	EA	60" B&B Aronia arbutifolia & cvs - Red Chokeberry	117.29
32 93 33 00-0022	EA	72" B&B Aronia arbutifolia & cvs - Red Chokeberry	142.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0023	EA	36" B&B Aronia melanocarpa & cvs - Black Chokeberry	69.12	
32 93 33 00-0024	EA	42" B&B Aronia melanocarpa & cvs - Black Chokeberry	73.31	
32 93 33 00-0025	EA	48" B&B Aronia melanocarpa & cvs - Black Chokeberry	77.50	
32 93 33 00-0026	EA	60" B&B Aronia melanocarpa & cvs - Black Chokeberry	87.97	
32 93 33 00-0027	EA	36" B&B Aronia prunifolia - Purple-Fruited Chokeberry	70.16	
32 93 33 00-0028	EA	42" B&B Aronia prunifolia - Purple-Fruited Chokeberry	74.35	
32 93 33 00-0029	EA	48" B&B Aronia prunifolia - Purple-Fruited Chokeberry	78.54	
32 93 33 00-0030	EA	60" B&B Aronia prunifolia - Purple-Fruited Chokeberry	82.73	
32 93 33 00-0031	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	14.40	
32 93 33 00-0032	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	33.30	
32 93 33 00-0033	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	16.88	
32 93 33 00-0034	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	37.13	
32 93 33 00-0035	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	50.18	
32 93 33 00-0036	EA	1 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	5.31	
32 93 33 00-0037	EA	5 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush	13.14	
32 93 33 00-0038	EA	1 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	5.31	
32 93 33 00-0039	EA	5 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush	13.14	
32 93 33 00-0040	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	18.00	
32 93 33 00-0041	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush	26.33	
32 93 33 00-0042	EA	15" To 18" Berberis - Northern Bayberry	75.15	
32 93 33 00-0043	EA	2' To 2-1/2' Berberis - Northern Bayberry	95.40	
32 93 33 00-0044	EA	2-1/2' To 3' Berberis - Northern Bayberry	133.65	
32 93 33 00-0045	EA	1 Gallon Berberis Buxifolia 'Nana' - Barberry	6.00	
32 93 33 00-0046	EA	5 Gallon Berberis Buxifolia 'Nana' - Barberry	14.45	
32 93 33 00-0047	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry	80.33	
32 93 33 00-0048	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry	102.83	
32 93 33 00-0049	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry	131.40	
32 93 33 00-0050	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry	21.60	
32 93 33 00-0051	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	42.53	
32 93 33 00-0052	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	51.98	
32 93 33 00-0053	EA	1 Gallon Berberis x mentorensis - Mentor Barberry	20.48	
32 93 33 00-0054	EA	5 Gallon Berberis x mentorensis - Mentor Barberry	57.83	
32 93 33 00-0055	EA	2' To 3' Berberis x mentorensis - Mentor Barberry	80.33	
32 93 33 00-0056	EA	3' To 4' Berberis x mentorensis - Mentor Barberry	123.98	
32 93 33 00-0057	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood	23.40	
32 93 33 00-0058	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood	62.78	
32 93 33 00-0059	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	66.83	
32 93 33 00-0060	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	85.95	
32 93 33 00-0061	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	114.53	
32 93 33 00-0062	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	171.90	
32 93 33 00-0063	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	238.73	
32 93 33 00-0064	EA	12" To 15" Buxus sempervirens - Common Boxwood	66.83	
32 93 33 00-0065	EA	15" To 18" Buxus sempervirens - Common Boxwood	85.95	
32 93 33 00-0066	EA	18" To 24" Buxus sempervirens - Common Boxwood	114.53	
32 93 33 00-0067	EA	24" To 30" Buxus sempervirens - Common Boxwood	171.90	
32 93 33 00-0068	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	43.98	
32 93 33 00-0069	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	73.31	
32 93 33 00-0070	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood	192.69	
32 93 33 00-0071	EA	18" B&B Buxus microphylla & cvs - Little leaf Boxwood	104.72	
32 93 33 00-0072	EA	24" B&B Buxus microphylla & cvs - Little leaf Boxwood	142.42	
32 93 33 00-0073	EA	30" B&B Buxus microphylla & cvs - Little leaf Boxwood	192.69	
32 93 33 00-0074	EA	1 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	4.77	
32 93 33 00-0075	EA	5 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	14.67	
32 93 33 00-0076	EA	15 Gallon Callistemon citrinus ' Little John' - Dwarf Bottle Bush	47.68	
32 93 33 00-0077	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	69.12	
32 93 33 00-0078	EA	30" B&B Calycanthus floridus - Common Sweetshrub	62.83	
32 93 33 00-0079	EA	36" B&B Calycanthus floridus - Common Sweetshrub	83.78	
32 93 33 00-0080	EA	1 Gallon Camellia "Sasanqua" - Camellia	16.88	
32 93 33 00-0081	EA	3 Gallon Camellia "Sasanqua" - Camellia	36.00	
32 93 33 00-0082	EA	5 Gallon Camellia "Sasanqua" - Camellia	59.85	
32 93 33 00-0083	EA	7 Gallon Camellia "Sasanqua" - Camellia	89.12	
32 93 33 00-0084	EA	15 Gallon Camellia "Sasanqua" - Camellia	231.23	
32 93 33 00-0085	EA	1 Gallon Camellia japonica - Camellia	16.88	
32 93 33 00-0086	EA	3 Gallon Camellia japonica - Camellia	36.00	
32 93 33 00-0087	EA	5 Gallon Camellia japonica - Camellia	59.85	
32 93 33 00-0088	EA	5 Gallon Ceanothus americanus - New Jersey Tea	69.12	
32 93 33 00-0089	EA	1 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	6.00	
32 93 33 00-0090	EA	5 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus	15.59	
32 93 33 00-0091	EA	5 Gallon Celastrus scandens - Bittersweet	69.12	
32 93 33 00-0092	EA	36" B&B Celastrus scandens - Bittersweet	58.65	
32 93 33 00-0093	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	69.12	
32 93 33 00-0094	EA	24" B&B Cephalanthus occidentalis - Buttonbush	52.36	
32 93 33 00-0095	EA	30" B&B Cephalanthus occidentalis - Buttonbush	58.65	
32 93 33 00-0096	EA	36" B&B Cephalanthus occidentalis - Buttonbush	62.83	
32 93 33 00-0097	EA	18" To 24" Chaenomeles speciosa - Flowering Quince	60.30	
32 93 33 00-0098	EA	2' To 3' Chaenomeles speciosa - Flowering Quince	80.33	
32 93 33 00-0099	EA	3' To 4' Chaenomeles speciosa - Flowering Quince	123.98	
32 93 33 00-0100	EA	1 Gallon Cistus Hybridus - White Rockrose	5.31	
32 93 33 00-0101	EA	5 Gallon Cistus Hybridus - White Rockrose	13.14	
32 93 33 00-0102	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	67.02	
32 93 33 00-0103	EA	18" B&B Clethra alnifolia & cvs - Summersweet Clethra	72.26	
32 93 33 00-0104	EA	24" B&B Clethra alnifolia & cvs - Summersweet Clethra	80.64	
32 93 33 00-0105	EA	30" B&B Clethra alnifolia & cvs - Summersweet Clethra	84.83	
32 93 33 00-0106	EA	36" B&B Clethra alnifolia & cvs - Summersweet Clethra	99.49	
32 93 33 00-0107	EA	1 Gallon Coleonema Pulchellum - Confetti Bush	5.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0108	EA	5 Gallon Coleonema Pulchellum - Confetti Bush	13.14	
32 93 33 00-0109	EA	15 Gallon Coleonema Pulchellum - Confetti Bush	61.51	
32 93 33 00-0110	EA	2' To 3' Cornus mas - Cornelian Cherry	95.40	
32 93 33 00-0111	EA	3' To 4' Cornus mas - Cornelian Cherry	119.25	
32 93 33 00-0112	EA	4' To 5' Cornus mas - Cornelian Cherry	152.78	
32 93 33 00-0113	EA	5' To 6' Cornus mas - Cornelian Cherry	209.93	
32 93 33 00-0114	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood	62.83	
32 93 33 00-0115	EA	36" B&B Cornus alba & cvs - Tartarian Dogwood	43.98	
32 93 33 00-0116	EA	48" B&B Cornus alba & cvs - Tartarian Dogwood	50.27	
32 93 33 00-0117	EA	60" B&B Cornus alba & cvs - Tartarian Dogwood	62.83	
32 93 33 00-0118	EA	72" B&B Cornus alba & cvs - Tartarian Dogwood	75.40	
32 93 33 00-0119	EA	36" B&B Cornus amomum - Silky Dogwood	62.83	
32 93 33 00-0120	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	69.12	
32 93 33 00-0121	EA	5 Gallon Cornus racemosa - Gray Dogwood	69.12	
32 93 33 00-0122	EA	36" B&B Cornus racemosa - Gray Dogwood	62.83	
32 93 33 00-0123	EA	48" B&B Cornus racemosa - Gray Dogwood	73.31	
32 93 33 00-0124	EA	60" B&B Cornus racemosa - Gray Dogwood	79.59	
32 93 33 00-0125	EA	72" B&B Cornus racemosa - Gray Dogwood	96.35	
32 93 33 00-0126	EA	36" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	68.07	
32 93 33 00-0127	EA	48" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	76.45	
32 93 33 00-0128	EA	60" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood	86.92	
32 93 33 00-0129	EA	24" B&B Cornus sericea & cvs - Redosier Dogwood	54.46	
32 93 33 00-0130	EA	30" B&B Cornus sericea & cvs - Redosier Dogwood	62.83	
32 93 33 00-0131	EA	36" B&B Cornus sericea & cvs - Redosier Dogwood	67.02	
32 93 33 00-0132	EA	48" B&B Cornus sericea & cvs - Redosier Dogwood	73.31	
32 93 33 00-0133	EA	60" B&B Cornus sericea & cvs - Redosier Dogwood	81.68	
32 93 33 00-0134	EA	5 Gallon Corylus americana - American Filbert	64.93	
32 93 33 00-0135	EA	30" B&B Corylus americana - American Filbert	73.31	
32 93 33 00-0136	EA	36" B&B Corylus americana - American Filbert	78.54	
32 93 33 00-0137	EA	48" B&B Corylus americana - American Filbert	84.83	
32 93 33 00-0138	EA	24" B&B Corylus avellena - Contorted Hazelnut	209.45	
32 93 33 00-0139	EA	30" B&B Corylus avellena - Contorted Hazelnut	272.28	
32 93 33 00-0140	EA	36" B&B Corylus avellena - Contorted Hazelnut	293.23	
32 93 33 00-0141	EA	42" B&B Corylus avellena - Contorted Hazelnut	377.01	
32 93 33 00-0142	EA	48" B&B Corylus avellena - Contorted Hazelnut	460.79	
32 93 33 00-0143	EA	60" B&B Corylus avellena - Contorted Hazelnut	523.62	
32 93 33 00-0144	EA	5' To 6' Cotinus coggygria - Smoke Tree	200.48	
32 93 33 00-0145	EA	6' To 8' Cotinus coggygria - Smoke Tree	300.61	
32 93 33 00-0146	EA	8' To 10' Cotinus coggygria - Smoke Tree	453.38	
32 93 33 00-0147	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	52.36	
32 93 33 00-0148	EA	18" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster	52.36	
32 93 33 00-0149	EA	24" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster	54.46	
32 93 33 00-0150	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster	50.18	
32 93 33 00-0151	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	54.46	
32 93 33 00-0152	EA	18" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster	52.36	
32 93 33 00-0153	EA	24" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster	54.46	
32 93 33 00-0154	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	21.60	
32 93 33 00-0155	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	66.83	
32 93 33 00-0156	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	90.23	
32 93 33 00-0157	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	152.78	
32 93 33 00-0158	EA	1 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	5.31	
32 93 33 00-0159	EA	5 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	13.14	
32 93 33 00-0160	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	21.60	
32 93 33 00-0161	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	42.53	
32 93 33 00-0162	EA	1 Gallon Cotoneaster lacteus - Red Clusterberry	5.31	
32 93 33 00-0163	EA	5 Gallon Cotoneaster lacteus - Red Clusterberry	13.14	
32 93 33 00-0164	EA	15 Gallon Cotoneaster lacteus - Red Clusterberry	52.14	
32 93 33 00-0165	EA	1 Gallon Dendromecon harfordii - Island Bush Poppy	12.23	
32 93 33 00-0166	EA	5 Gallon Dendromecon harfordii - Island Bush Poppy	30.56	
32 93 33 00-0167	EA	18" B&B Deutzia gracilis - Slender Deutzia	53.41	
32 93 33 00-0168	EA	24" B&B Deutzia gracilis - Slender Deutzia	58.65	
32 93 33 00-0169	EA	30" B&B Deutzia gracilis - Slender Deutzia	75.40	
32 93 33 00-0170	EA	36" B&B Deutzia gracilis - Slender Deutzia	87.97	
32 93 33 00-0171	EA	42" B&B Deutzia gracilis - Slender Deutzia	100.54	
32 93 33 00-0172	EA	24" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	83.78	
32 93 33 00-0173	EA	30" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	100.54	
32 93 33 00-0174	EA	36" B&B Diervilla sessilifolia - Southern Bush Honeysuckle	117.29	
32 93 33 00-0175	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	31.42	
32 93 33 00-0176	EA	36" B&B Diervilla splendens - Splendens Bush Honeysuckle	75.40	
32 93 33 00-0177	EA	48" B&B Diervilla splendens - Splendens Bush Honeysuckle	100.54	
32 93 33 00-0178	EA	5 Gallon Elaeagnus angustifolia - Russian Olive	13.14	
32 93 33 00-0179	EA	1 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry	5.31	
32 93 33 00-0180	EA	5 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry	13.14	
32 93 33 00-0181	EA	15 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry	52.14	
32 93 33 00-0182	EA	1 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry	5.31	
32 93 33 00-0183	EA	5 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry	13.14	
32 93 33 00-0184	EA	15 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry	52.14	
32 93 33 00-0185	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	62.55	
32 93 33 00-0186	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	85.95	
32 93 33 00-0187	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	102.83	
32 93 33 00-0188	EA	3' To 4' Elaeagnus angustiflolia - Russian Olive	100.13	
32 93 33 00-0189	EA	1 Gallon Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia	5.31	
32 93 33 00-0190	EA	5 Gallon Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia	13.14	
32 93 33 00-0191	EA	15 Gallon Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia	52.14	
32 93 33 00-0192	EA	1 Gallon Euonymus - Gold Spot	18.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0193	EA	2 Gallon Euonymus - Gold Spot	37.80	
32 93 33 00-0194	EA	5 Gallon Euonymus - Gold Spot	51.98	
32 93 33 00-0195	EA	1 Gallon Euonymus alatus - Winged Euonymus	15.37	
32 93 33 00-0196	EA	3 Gallon Euonymus alatus - Winged Euonymus	44.32	
32 93 33 00-0197	EA	24" B&B Euonymus alatus - Winged Euonymus	59.73	
32 93 33 00-0198	EA	30" B&B Euonymus alatus - Winged Euonymus	74.67	
32 93 33 00-0199	EA	36" B&B Euonymus alatus - Winged Euonymus	102.61	
32 93 33 00-0200	EA	42" B&B Euonymus alatus - Winged Euonymus	126.70	
32 93 33 00-0201	EA	48" B&B Euonymus alatus - Winged Euonymus	149.34	
32 93 33 00-0202	EA	54" B&B Euonymus alatus - Winged Euonymus	192.69	
32 93 33 00-0203	EA	5 Gallon Euonymus alatus - Winged Euonymus	55.40	
32 93 33 00-0204	EA	60" B&B Euonymus alatus - Winged Euonymus	240.86	
32 93 33 00-0205	EA	30" B&B Euonymus alatus compactus - Compact Winged Euonymus	94.25	
32 93 33 00-0206	EA	36" B&B Euonymus alatus compactus - Compact Winged Euonymus	112.05	
32 93 33 00-0207	EA	42" B&B Euonymus alatus compactus - Compact Winged Euonymus	146.61	
32 93 33 00-0208	EA	48" B&B Euonymus alatus compactus - Compact Winged Euonymus	175.94	
32 93 33 00-0209	EA	60" B&B Euonymus alatus compactus - Compact Winged Euonymus	217.83	
32 93 33 00-0210	EA	18" To 24" Euonymus alatus - Winged Burning Bush	66.83	
32 93 33 00-0211	EA	2' To 2-1/2' Euonymus alatus - Winged Burning Bush	78.75	
32 93 33 00-0212	EA	2-1/2' To 3' Euonymus alatus - Winged Burning Bush	107.55	
32 93 33 00-0213	EA	3' To 3-1/2' Euonymus alatus - Winged Burning Bush	128.93	
32 93 33 00-0214	EA	3-1/2 To 4' Euonymus alatus - Winged Burning Bush	162.23	
32 93 33 00-0215	EA	4' To 5' Euonymus alatus - Winged Burning Bush	229.05	
32 93 33 00-0216	EA	5' To 6' Euonymus alatus - Winged Burning Bush	286.43	
32 93 33 00-0217	EA	6' To 8' Euonymus alatus - Winged Burning Bush	334.13	
32 93 33 00-0218	EA	15" To 18" Euonymus alatus - Dwarf Winged Burning Bush	66.83	
32 93 33 00-0219	EA	18" To 24" Euonymus alatus - Dwarf Winged Burning Bush	76.28	
32 93 33 00-0220	EA	2' To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush	93.15	
32 93 33 00-0221	EA	2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush	131.40	
32 93 33 00-0222	EA	3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush	155.25	
32 93 33 00-0223	EA	3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush	186.08	
32 93 33 00-0224	EA	4' To 5' Euonymus alatus - Dwarf Winged Burning Bush	262.58	
32 93 33 00-0225	EA	5' To 6' Euonymus alatus - Dwarf Winged Burning Bush	310.28	
32 93 33 00-0226	EA	36" B&B Euonymus atropurpurea - Eastern Wahoo	56.55	
32 93 33 00-0227	EA	1 Gallon Euonymus fortunei - Wintercreeper	21.60	
32 93 33 00-0228	EA	2 Gallon Euonymus fortunei - Wintercreeper	42.53	
32 93 33 00-0229	EA	3 Gallon Euonymus fortunei - Wintercreeper	51.98	
32 93 33 00-0230	EA	5 Gallon Euonymus fortunei - Wintercreeper	61.65	
32 93 33 00-0231	EA	1 Gallon Euonymus japonicus - Evergreen Spindle	5.31	
32 93 33 00-0232	EA	5 Gallon Euonymus japonicus - Evergreen Spindle	13.14	
32 93 33 00-0233	EA	15 Gallon Euonymus japonicus - Evergreen Spindle	52.14	
32 93 33 00-0234	EA	2' To 3' Forsythia - Korean Forsythia	47.70	
32 93 33 00-0235	EA	3' To 4' Forsythia - Korean Forsythia	60.30	
32 93 33 00-0236	EA	4' To 5' Forsythia - Korean Forsythia	75.15	
32 93 33 00-0237	EA	30" B&B Forsythia cvs - Forsythia cultivars	48.17	
32 93 33 00-0238	EA	36" B&B Forsythia cvs - Forsythia cultivars	53.41	
32 93 33 00-0239	EA	48" B&B Forsythia cvs - Forsythia cultivars	57.60	
32 93 33 00-0240	EA	18" B&B Forsythia viridissima & cvs - Green Forsythia	50.27	
32 93 33 00-0241	EA	24" B&B Forsythia viridissima & cvs - Green Forsythia	67.02	
32 93 33 00-0242	EA	24" B&B Forsythia x intermedia & cvs - Border Forsythia	50.27	
32 93 33 00-0243	EA	30" B&B Forsythia x intermedia & cvs - Border Forsythia	58.65	
32 93 33 00-0244	EA	36" B&B Forsythia x intermedia & cvs - Border Forsythia	69.12	
32 93 33 00-0245	EA	42" B&B Forsythia x intermedia & cvs - Border Forsythia	79.59	
32 93 33 00-0246	EA	48" B&B Forsythia x intermedia & cvs - Border Forsythia	92.16	
32 93 33 00-0247	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	71.21	
32 93 33 00-0248	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	99.49	
32 93 33 00-0249	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	104.72	
32 93 33 00-0250	EA	15" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	108.91	
32 93 33 00-0251	EA	18" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	117.29	
32 93 33 00-0252	EA	24" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	142.42	
32 93 33 00-0253	EA	24" B&B Fothergilla major - Large Fothergilla	184.31	
32 93 33 00-0254	EA	30" B&B Fothergilla major - Large Fothergilla	209.45	
32 93 33 00-0255	EA	1 Gallon Gardenia jasminoides - Cape Jasmine	15.53	
32 93 33 00-0256	EA	3 Gallon Gardenia jasminoides - Cape Jasmine	40.73	
32 93 33 00-0257	EA	5 Gallon Gardenia jasminoides - Cape Jasmine	51.98	
32 93 33 00-0258	EA	1 Gallon Grevillea 'Noellii' - Noel's Grevillea	5.31	
32 93 33 00-0259	EA	5 Gallon Grevillea 'Noellii' - Noel's Grevillea	13.14	
32 93 33 00-0260	EA	15 Gallon Grevillea 'Noellii' - Noel's Grevillea	52.14	
32 93 33 00-0261	EA	36" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	146.61	
32 93 33 00-0262	EA	48" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	238.77	
32 93 33 00-0263	EA	60" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	301.60	
32 93 33 00-0264	EA	72" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	460.79	
32 93 33 00-0265	EA	84" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	523.62	
32 93 33 00-0266	EA	1 Gallon Hedychuium gartdnerum - Variegated Ginger	8.91	
32 93 33 00-0267	EA	3 Gallon Hedychuium gartdnerum - Variegated Ginger	31.31	
32 93 33 00-0268	EA	5 Gallon Hedychuium gartdnerum - Variegated Ginger	60.22	
32 93 33 00-0269	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus	22.83	
32 93 33 00-0270	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus	38.54	
32 93 33 00-0271	EA	5 Gallon Hibiscus rosa-sinensis - Hibiscus	58.29	
32 93 33 00-0272	EA	5 Gallon Hibiscus syriacus - Rose Of Sharon	60.30	
32 93 33 00-0273	EA	2' To 3' Hibiscus syriacus - Rose Of Sharon	51.30	
32 93 33 00-0274	EA	3' To 4' Hibiscus syriacus - Rose Of Sharon	69.30	
32 93 33 00-0275	EA	4' To 5' Hibiscus syriacus - Rose Of Sharon	100.13	
32 93 33 00-0276	EA	5' To 6' Hibiscus syriacus - Rose Of Sharon	138.38	
32 93 33 00-0277	EA	2 Gallon Hydrangea - Blue Hydrangea	42.53	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0278	EA	5 Gallon Hydrangea - Blue Hydrangea	59.85	
32 93 33 00-0279	EA	2' To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	66.83	
32 93 33 00-0280	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	76.28	
32 93 33 00-0281	EA	2 Gallon Hydrangea quercifloia - Oakleaf Hydrangea	42.53	
32 93 33 00-0282	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	73.31	
32 93 33 00-0283	EA	30" B&B Hydrangea arborescens & cvs - Smooth Hydrangea	79.59	
32 93 33 00-0284	EA	36" B&B Hydrangea arborescens & cvs - Smooth Hydrangea	92.16	
32 93 33 00-0285	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	96.35	
32 93 33 00-0286	EA	18" B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea	75.40	
32 93 33 00-0287	EA	24" B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea	100.54	
32 93 33 00-0288	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	43.98	
32 93 33 00-0289	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	52.36	
32 93 33 00-0290	EA	18" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	45.03	
32 93 33 00-0291	EA	24" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	48.17	
32 93 33 00-0292	EA	30" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	54.46	
32 93 33 00-0293	EA	36" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	62.83	
32 93 33 00-0294	EA	48" B&B Hydrangea paniculata & cvs - Panicle Hydrangea	83.78	
32 93 33 00-0295	EA	18" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	60.74	
32 93 33 00-0296	EA	24" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	69.12	
32 93 33 00-0297	EA	30" B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	81.68	
32 93 33 00-0298	EA	2 Gallon Hypericum kalmianum - St. John's Wort	42.53	
32 93 33 00-0299	EA	3 Gallon Hypericum kalmianun - Kalm St. John's Wort	50.27	
32 93 33 00-0300	EA	24" B&B Hypericum kalmianun - Kalm St. John's Wort	54.46	
32 93 33 00-0301	EA	1 Gallon Ilex "Carissa" - Holly	21.60	
32 93 33 00-0302	EA	2 Gallon Ilex "Carissa" - Holly	42.53	
32 93 33 00-0303	EA	5 Gallon Ilex "Carissa" - Holly	59.85	
32 93 33 00-0304	EA	18" To 24" Ilex - Gulftide Sweet Holly	57.38	
32 93 33 00-0305	EA	2' To 2-1/2' Ilex - Gulftide Sweet Holly	72.68	
32 93 33 00-0306	EA	2-1/2' To 3' Ilex - Gulftide Sweet Holly	94.28	
32 93 33 00-0307	EA	3' To 3-1/2' Ilex - Gulftide Sweet Holly	114.53	
32 93 33 00-0308	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	42.86	
32 93 33 00-0309	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	21.60	
32 93 33 00-0310	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	42.53	
32 93 33 00-0311	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	61.65	
32 93 33 00-0312	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	21.60	
32 93 33 00-0313	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	47.25	
32 93 33 00-0314	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	61.65	
32 93 33 00-0315	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	47.25	
32 93 33 00-0316	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	56.93	
32 93 33 00-0317	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	114.53	
32 93 33 00-0318	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	152.78	
32 93 33 00-0319	EA	2' To 3' Ilex opaca - American Holly	152.78	
32 93 33 00-0320	EA	3' To 4' Ilex opaca - American Holly	252.91	
32 93 33 00-0321	EA	4' To 5' Ilex opaca - American Holly	324.46	
32 93 33 00-0322	EA	5' To 6' Ilex opaca - American Holly	391.28	
32 93 33 00-0323	EA	6' To 7' Ilex opaca - American Holly	548.79	
32 93 33 00-0324	EA	7' To 8' Ilex opaca - American Holly	763.67	
32 93 33 00-0325	EA	8' To 10' Ilex opaca - American Holly	1,097.57	
32 93 33 00-0326	EA	10' To 12' Ilex opaca - American Holly	1,670.44	
32 93 33 00-0327	EA	12' To 14' Ilex opaca - American Holly	2,028.19	
32 93 33 00-0328	EA	14' To 16' Ilex opaca - American Holly	2,505.43	
32 93 33 00-0329	EA	2' To 3' Ilex verticillata - Winterberry (Female)	152.78	
32 93 33 00-0330	EA	3' To 4' Ilex verticillata - Winterberry (Female)	200.48	
32 93 33 00-0331	EA	2' To 3' Ilex verticillata - Winterberry (Male)	123.98	
32 93 33 00-0332	EA	3' To 4' Ilex verticillata - Winterberry (Male)	171.90	
32 93 33 00-0333	EA	4' To 5' Ilex verticillata - Winterberry (Male)	200.48	
32 93 33 00-0334	EA	1 Gallon Ilex vomitoria - Yaupon Holly	20.25	
32 93 33 00-0335	EA	3 Gallon Ilex vomitoria - Yaupon Holly	40.73	
32 93 33 00-0336	EA	10 Gallon Ilex vomitoria - Yaupon Holly	143.10	
32 93 33 00-0337	EA	18" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	64.93	
32 93 33 00-0338	EA	24" B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	73.31	
32 93 33 00-0339	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	83.78	
32 93 33 00-0340	EA	18" B&B Ilex meserveae & cvs - Blue Holly	77.50	
32 93 33 00-0341	EA	24" B&B Ilex meservae & cvs - Blue Holly	94.25	
32 93 33 00-0342	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	69.12	
32 93 33 00-0343	EA	24" B&B Ilex verticillata & cvs - Common Winterberry	69.12	
32 93 33 00-0344	EA	30" B&B Ilex verticillata & cvs - Common Winterberry	73.31	
32 93 33 00-0345	EA	36" B&B Ilex verticillata & cvs - Common Winterberry	87.97	
32 93 33 00-0346	EA	42" B&B Ilex verticillata & cvs - Common Winterberry	98.44	
32 93 33 00-0347	EA	48" B&B Ilex verticillata & cvs - Common Winterberry	104.72	
32 93 33 00-0348	EA	60" B&B Ilex verticillata & cvs - Common Winterberry	134.05	
32 93 33 00-0349	EA	4' To 5' Ilex x attenuata "Foster" - Holly	248.18	
32 93 33 00-0350	EA	5' To 6' Ilex x attenuata "Foster" - Holly	329.18	
32 93 33 00-0351	EA	6' To 7' Ilex x attenuata "Foster" - Holly	294.53	
32 93 33 00-0352	EA	7' To 8' Ilex x attenuata "Foster" - Holly	572.64	
32 93 33 00-0353	EA	1 Gallon Jasimnum - Jasmine	5.54	
32 93 33 00-0354	EA	3 Gallon Jasimnum - Jasmine	21.68	
32 93 33 00-0355	EA	3 Gallon Jasimnum - Orange Jasmine	16.86	
32 93 33 00-0356	EA	4' - 5' Jasimnum - Orange Jasmine	192.69	
32 93 33 00-0357	EA	6' - 7' Jasimnum - Orange Jasmine	385.38	
32 93 33 00-0358	EA	8' - 10' Jasimnum - Orange Jasmine	520.27	
32 93 33 00-0359	EA	3 Gallon Juniperus chinesis cvs - Chinese Juniper	73.31	
32 93 33 00-0360	EA	5 Gallon Juniperus chinesis cvs - Chinese Juniper	81.68	
32 93 33 00-0361	EA	18" B&B Juniperus chinesis cvs - Chinese Juniper	108.91	
32 93 33 00-0362	EA	24" B&B Juniperus chinesis cvs - Chinese Juniper	142.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0363	EA	30" B&B Juniperus chinesis cvs - Chinese Juniper	167.56	
32 93 33 00-0364	EA	36" B&B Juniperus chinesis cvs - Chinese Juniper	226.20	
32 93 33 00-0365	EA	48" B&B Juniperus chinesis cvs - Chinese Juniper	309.98	
32 93 33 00-0366	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	34.93	
32 93 33 00-0367	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	73.31	
32 93 33 00-0368	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	81.68	
32 93 33 00-0369	EA	15" B&B Juniperus horizontalis cvs - Creeping Juniper	87.97	
32 93 33 00-0370	EA	18" B&B Juniperus horizontalis cvs - Creeping Juniper	96.35	
32 93 33 00-0371	EA	24" B&B Juniperus horizontalis cvs - Creeping Juniper	117.29	
32 93 33 00-0372	EA	30" B&B Juniperus horizontalis cvs - Creeping Juniper	142.42	
32 93 33 00-0373	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	56.55	
32 93 33 00-0374	EA	18" B&B Juniperus procumbens cvs - Japanese Garden Juniper	67.02	
32 93 33 00-0375	EA	24" B&B Juniperus procumbens cvs - Japanese Garden Juniper	92.16	
32 93 33 00-0376	EA	30" B&B Juniperus procumbens cvs - Japanese Garden Juniper	117.29	
32 93 33 00-0377	EA	36" B&B Juniperus procumbens cvs - Japanese Garden Juniper	142.42	
32 93 33 00-0378	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	52.36	
32 93 33 00-0379	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	62.83	
32 93 33 00-0380	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	54.46	
32 93 33 00-0381	EA	36" B&B Juniperus virginiana cvs - Red Cedar Juniper	104.72	
32 93 33 00-0382	EA	48" B&B Juniperus virginiana cvs - Red Cedar Juniper	163.37	
32 93 33 00-0383	EA	60" B&B Juniperus virginiana cvs - Red Cedar Juniper	205.26	
32 93 33 00-0384	EA	15" To 18" Kalmia latifolia - Mountain Laurel	85.95	
32 93 33 00-0385	EA	18" To 24" Kalmia latifolia - Mountain Laurel	114.53	
32 93 33 00-0386	EA	2' To 3' Kalmia latifolia - Mountain Laurel	166.95	
32 93 33 00-0387	EA	4' To 5' Kalmia latifolia - Mountain Laurel	305.33	
32 93 33 00-0388	EA	5' To 6' Kalmia latifolia - Mountain Laurel	467.78	
32 93 33 00-0389	EA	6' To 8' Kalmia latifolia - Mountain Laurel	715.97	
32 93 33 00-0390	EA	1 Gallon Kerria japonica - Kerria	19.12	
32 93 33 00-0391	EA	5 Gallon Kerria japonica - Kerria	59.85	
32 93 33 00-0392	EA	24" B&B Kolkwitzia amabilis & cvs - Beautybush	60.74	
32 93 33 00-0393	EA	30" B&B Kolkwitzia amabilis & cvs - Beautybush	69.12	
32 93 33 00-0394	EA	36" B&B Kolkwitzia amabilis & cvs - Beautybush	75.40	
32 93 33 00-0395	EA	42" B&B Kolkwitzia amabilis & cvs - Beautybush	87.97	
32 93 33 00-0396	EA	48" B&B Kolkwitzia amabilis & cvs - Beautybush	100.54	
32 93 33 00-0397	EA	60" B&B Kolkwitzia amabilis & cvs - Beautybush	125.67	
32 93 33 00-0398	EA	1 Gallon Lagerstroemia indica - Crape Myrtle	14.40	
32 93 33 00-0399	EA	5 Gallon Lagerstroemia indica - Crape Myrtle	51.30	
32 93 33 00-0400	EA	3' To 4' Lagerstroemia indica - Crape Myrtle	71.55	
32 93 33 00-0401	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	105.08	
32 93 33 00-0402	EA	5' To 6' Lagerstroemia indica - Crape Myrtle	166.95	
32 93 33 00-0403	EA	7' To 8' Lagerstroemia indica - Crape Myrtle	216.78	
32 93 33 00-0404	EA	9' To 10' Lagerstroemia indica - Crape Myrtle	289.04	
32 93 33 00-0405	EA	11' To 12' Lagerstroemia indica - Crape Myrtle	602.16	
32 93 33 00-0406	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe	21.60	
32 93 33 00-0407	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe	47.25	
32 93 33 00-0408	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe	56.93	
32 93 33 00-0409	EA	1 Gallon Ligustrum lucidum - Glossy Privet	13.28	
32 93 33 00-0410	EA	5 Gallon Ligustrum lucidum - Glossy Privet	40.73	
32 93 33 00-0411	EA	15 Gallon Ligustrum lucidum - Glossy Privet	190.80	
32 93 33 00-0412	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet	13.28	
32 93 33 00-0413	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet	28.58	
32 93 33 00-0414	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet	37.13	
32 93 33 00-0415	EA	36" B&B Ligustrum vulgare & cvs - Common Privet	62.83	
32 93 33 00-0416	EA	48" B&B Ligustrum vulgare & cvs - Common Privet	92.16	
32 93 33 00-0417	EA	60" B&B Ligustrum vulgare & cvs - Common Privet	117.29	
32 93 33 00-0418	EA	72" B&B Ligustrum vulgare & cvs - Common Privet	134.05	
32 93 33 00-0419	EA	5 Gallon Lindera benzoin - Spicebush	69.12	
32 93 33 00-0420	EA	36" B&B Lindera benzoin - Spicebush	58.65	
32 93 33 00-0421	EA	48" B&B Lindera benzoin - Spicebush	71.21	
32 93 33 00-0422	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle	114.53	
32 93 33 00-0423	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle	138.38	
32 93 33 00-0424	EA	30" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	62.83	
32 93 33 00-0425	EA	36" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	75.40	
32 93 33 00-0426	EA	42" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	83.78	
32 93 33 00-0427	EA	48" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle	92.16	
32 93 33 00-0428	EA	1 Gallon Myrica cerifera - Wax Myrtle	12.04	
32 93 33 00-0429	EA	4 Gallon Myrica cerifera - Wax Myrtle	38.54	
32 93 33 00-0430	EA	7 Gallon Myrica cerifera - Wax Myrtle	84.30	
32 93 33 00-0431	EA	10 Gallon Myrica cerifera - Wax Myrtle	125.25	
32 93 33 00-0432	EA	15 Gallon Myrica cerifera - Wax Myrtle	192.69	
32 93 33 00-0433	EA	45 Gallon Myrica cerifera - Wax Myrtle	578.08	
32 93 33 00-0434	EA	1' - 2' Myrica cerifera - Wax Myrtle	16.86	
32 93 33 00-0435	EA	3' - 4' Myrica cerifera - Wax Myrtle	57.81	
32 93 33 00-0436	EA	5' - 6' Myrica cerifera - Wax Myrtle	105.98	
32 93 33 00-0437	EA	7' - 8' Myrica cerifera - Wax Myrtle	144.52	
32 93 33 00-0438	EA	9' - 10' Myrica cerifera - Wax Myrtle	192.69	
32 93 33 00-0439	EA	11' - 12' Myrica cerifera - Wax Myrtle	293.86	
32 93 33 00-0440	EA	3 Gallon Myrica pensylvanica - Northern Bayberry	62.83	
32 93 33 00-0441	EA	24" B&B Myrica pensylvanica - Northern Bayberry	102.63	
32 93 33 00-0442	EA	30" B&B Myrica pensylvanica - Northern Bayberry	150.80	
32 93 33 00-0443	EA	36" B&B Myrica pensylvanica - Northern Bayberry	180.13	
32 93 33 00-0444	EA	48" B&B Myrica pensylvanica - Northern Bayberry	188.50	
32 93 33 00-0445	EA	1 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	5.31	
32 93 33 00-0446	EA	5 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	13.14	
32 93 33 00-0447	EA	15 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	52.14	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0448	EA	1 Gallon Nandina domestica - Heavenly Bamboo	21.60	
32 93 33 00-0449	EA	2 Gallon Nandina domestica - Heavenly Bamboo	47.25	
32 93 33 00-0450	EA	5 Gallon Nandina domestica - Heavenly Bamboo	71.55	
32 93 33 00-0451	EA	15 Gallon Nerium oleander - Oleander	57.05	
32 93 33 00-0452	EA	24" Box Nerium oleander - Oleander	205.02	
32 93 33 00-0453	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive	13.28	
32 93 33 00-0454	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive	36.00	
32 93 33 00-0455	EA	1 Gallon Philadelphus - Evergreen Mockorange	18.45	
32 93 33 00-0456	EA	5 Gallon Philadelphus - Evergreen Mockorange	59.85	
32 93 33 00-0457	EA	36" B&B Philadelphus x virginalis & cvs - Mockorange	62.83	
32 93 33 00-0458	EA	42" B&B Philadelphus x virginalis & cvs - Mockorange	73.31	
32 93 33 00-0459	EA	48" B&B Philadelphus x virginalis & cvs - Mockorange	83.78	
32 93 33 00-0460	EA	1 Gallon Photinia fraseri - Red-Tipped Photinia	5.31	
32 93 33 00-0461	EA	5 Gallon Photinia fraseri - Red-Tipped Photinia	13.14	
32 93 33 00-0462	EA	15 Gallon Photinia fraseri - Red-Tipped Photinia	52.14	
32 93 33 00-0463	EA	1 Gallon Phormium tenax - New Zealand Flax	5.60	
32 93 33 00-0464	EA	5 Gallon Phormium tenax - New Zealand Flax	13.42	
32 93 33 00-0465	EA	15 Gallon Phormium tenax - New Zealand Flax	57.05	
32 93 33 00-0466	EA	24" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	62.83	
32 93 33 00-0467	EA	30" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	73.31	
32 93 33 00-0468	EA	36" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	83.78	
32 93 33 00-0469	EA	42" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	104.72	
32 93 33 00-0470	EA	48" B&B Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	125.67	
32 93 33 00-0471	EA	12" To 15" Spread Pieris - Mountain Andromeda	57.83	
32 93 33 00-0472	EA	15" To 18" Spread Pieris - Mountain Andromeda	123.98	
32 93 33 00-0473	EA	12" To 15" Pieris japonica - Japanese Andromeda	75.15	
32 93 33 00-0474	EA	15" To 18" Pieris japonica - Japanese Andromeda	85.95	
32 93 33 00-0475	EA	18" To 24" Pieris japonica - Japanese Andromeda	107.55	
32 93 33 00-0476	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda	152.78	
32 93 33 00-0477	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda	181.35	
32 93 33 00-0478	EA	24" B&B Pinus mugo & cvs - Mugo Pine	40.73	
32 93 33 00-0479	EA	30" B&B Pinus mugo & cvs - Mugo Pine	52.13	
32 93 33 00-0480	EA	36" B&B Pinus mugo & cvs - Mugo Pine	62.72	
32 93 33 00-0481	EA	48" B&B Pinus mugo & cvs - Mugo Pine	80.64	
32 93 33 00-0482	EA	60" B&B Pinus mugo & cvs - Mugo Pine	96.93	
32 93 33 00-0483	EA	72" B&B Pinus mugo & cvs - Mugo Pine	141.73	
32 93 33 00-0484	EA	30" B&B Pinus mugo compacta - Dwarf Mugo Pine	87.97	
32 93 33 00-0485	EA	36" B&B Pinus mugo compacta - Dwarf Mugo Pine	105.89	
32 93 33 00-0486	EA	48" B&B Pinus mugo compacta - Dwarf Mugo Pine	140.91	
32 93 33 00-0487	EA	1 Gallon Pittosporum - Pittosporum	7.95	
32 93 33 00-0488	EA	3 Gallon Pittosporum - Pittosporum	20.47	
32 93 33 00-0489	EA	1 Gallon Pittosporum - Varigated Pittosporum	7.95	
32 93 33 00-0490	EA	3 Gallon Pittosporum - Varigated Pittosporum	20.47	
32 93 33 00-0491	EA	5 Gallon Pittosporum - Varigated Pittosporum	35.89	
32 93 33 00-0492	EA	1 Gallon Pittosporum eugenioides - Lemonwood	6.10	
32 93 33 00-0493	EA	5 Gallon Pittosporum eugenioides - Lemonwood	14.45	
32 93 33 00-0494	EA	1 Gallon Pittosporum tobira - Japanese Pittosporum	5.31	
32 93 33 00-0495	EA	5 Gallon Pittosporum tobira - Japanese Pittosporum	13.14	
32 93 33 00-0496	EA	15 Gallon Pittosporum tobira - Japanese Pittosporum	52.14	
32 93 33 00-0497	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	35.61	
32 93 33 00-0498	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	50.27	
32 93 33 00-0499	EA	18" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	37.70	
32 93 33 00-0500	EA	24" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	41.89	
32 93 33 00-0501	EA	30" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	60.74	
32 93 33 00-0502	EA	36" B&B Potentilla fruticosa & cvs - Bush Cinquefoil	70.16	
32 93 33 00-0503	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel	5.60	
32 93 33 00-0504	EA	5 Gallon Prunus caroliniana - Carolina Cherry Laurel	14.00	
32 93 33 00-0505	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel	83.48	
32 93 33 00-0506	EA	15" To 18" Prunus laurocerasus - Cherry Laurel	21.35	
32 93 33 00-0507	EA	18" To 24" Prunus laurocerasus - Cherry Laurel	26.43	
32 93 33 00-0508	EA	24" To 30" Prunus laurocerasus - Cherry Laurel	34.39	
32 93 33 00-0509	EA	15" To 18" Prunus triloba - Double White Flowering Almond	19.08	
32 93 33 00-0510	EA	18" To 24" Prunus triloba - Double White Flowering Almond	24.41	
32 93 33 00-0511	EA	3' To 4' Prunus triloba - Double White Flowering Almond	38.94	
32 93 33 00-0512	EA	4' To 6' Prunus triloba - Double White Flowering Almond	77.96	
32 93 33 00-0513	EA	5 Gallon Prunus triloba - Pink Flowering Almond	23.45	
32 93 33 00-0514	EA	18" To 24" Prunus triloba - Pink Flowering Almond	26.34	
32 93 33 00-0515	EA	2' To 3' Prunus triloba - Pink Flowering Almond	30.63	
32 93 33 00-0516	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry	20.83	
32 93 33 00-0517	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry	25.55	
32 93 33 00-0518	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry	30.63	
32 93 33 00-0519	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry	35.09	
32 93 33 00-0520	EA	1 Gallon Punica granatum - Dwarf Pomegranate	14.18	
32 93 33 00-0521	EA	3 Gallon Punica granatum - Dwarf Pomegranate	41.85	
32 93 33 00-0522	EA	7 Gallon Punica granatum - Dwarf Pomegranate	85.95	
32 93 33 00-0523	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	18.00	
32 93 33 00-0524	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	59.85	
32 93 33 00-0525	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha	123.98	
32 93 33 00-0526	EA	1 Gallon Ralphiolepis indica - Indian Hawthorne	14.40	
32 93 33 00-0527	EA	2 Gallon Ralphiolepis indica - Indian Hawthorne	27.45	
32 93 33 00-0528	EA	5 Gallon Ralphiolepis indica - Indian Hawthorne	48.83	
32 93 33 00-0529	EA	1 Gallon Rhamnus californica - Coffeeberry	21.89	
32 93 33 00-0530	EA	5 Gallon Rhamnus californica - Coffeeberry	62.59	
32 93 33 00-0531	EA	15 Gallon Rhamnus californica - Coffeeberry	187.84	
32 93 33 00-0532	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge	109.80	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0533	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge	150.53	
32 93 33 00-0534	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge	195.75	
32 93 33 00-0535	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge	357.98	
32 93 33 00-0536	EA	1 Gallon Rhaphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	5.65	
32 93 33 00-0537	EA	5 Gallon Rhaphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	13.42	
32 93 33 00-0538	EA	15 Gallon Rhaphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	57.05	
32 93 33 00-0539	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids	23.40	
32 93 33 00-0540	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids	47.25	
32 93 33 00-0541	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids	61.65	
32 93 33 00-0542	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids	71.55	
32 93 33 00-0543	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids	83.70	
32 93 33 00-0544	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids	105.08	
32 93 33 00-0545	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids	152.78	
32 93 33 00-0546	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids	214.66	
32 93 33 00-0547	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	26.33	
32 93 33 00-0548	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	47.25	
32 93 33 00-0549	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	81.23	
32 93 33 00-0550	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	105.08	
32 93 33 00-0551	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	152.78	
32 93 33 00-0552	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	224.33	
32 93 33 00-0553	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	300.61	
32 93 33 00-0554	EA	5 Gallon Rhododendron - Boxleaf Azara	59.85	
32 93 33 00-0555	EA	15 Gallon Rhododendron - Boxleaf Azara	214.66	
32 93 33 00-0556	EA	15" To 18" Rhododendron - Carolina Rhododendron	67.73	
32 93 33 00-0557	EA	18" To 24" Rhododendron - Carolina Rhododendron	119.25	
32 93 33 00-0558	EA	24" To 30" Rhododendron - Carolina Rhododendron	176.63	
32 93 33 00-0559	EA	2' To 3' Rhododendron - Five-leafed Azalea	80.33	
32 93 33 00-0560	EA	3' To 4' Rhododendron - Five-leafed Azalea	105.08	
32 93 33 00-0561	EA	4' To 5' Rhododendron - Five-leafed Azalea	138.38	
32 93 33 00-0562	EA	15" To 18" Rhododendron - Ghent Azalea	80.33	
32 93 33 00-0563	EA	18" To 24" Rhododendron - Ghent Azalea	100.13	
32 93 33 00-0564	EA	2' To 3' Rhododendron - Ghent Azalea	162.23	
32 93 33 00-0565	EA	3' To 4' Rhododendron - Ghent Azalea	224.33	
32 93 33 00-0566	EA	4' To 5' Rhododendron - Ghent Azalea	300.61	
32 93 33 00-0567	EA	5' To 6' Rhododendron - Ghent Azalea	400.96	
32 93 33 00-0568	EA	1 Gallon Rhododendron - Hybrid Rhododendron	26.33	
32 93 33 00-0569	EA	2 Gallon Rhododendron - Hybrid Rhododendron	56.93	
32 93 33 00-0570	EA	3 Gallon Rhododendron - Hybrid Rhododendron	80.78	
32 93 33 00-0571	EA	5 Gallon Rhododendron - Hybrid Rhododendron	90.23	
32 93 33 00-0572	EA	15" To 18" Rhododendron - Hybrid Rhododendron	76.28	
32 93 33 00-0573	EA	18" To 24" Rhododendron - Hybrid Rhododendron	105.08	
32 93 33 00-0574	EA	24" To 30" Rhododendron - Hybrid Rhododendron	143.10	
32 93 33 00-0575	EA	30" To 36" Rhododendron - Hybrid Rhododendron	166.95	
32 93 33 00-0576	EA	36" To 42" Rhododendron - Hybrid Rhododendron	238.73	
32 93 33 00-0577	EA	42" To 48" Rhododendron - Hybrid Rhododendron	295.88	
32 93 33 00-0578	EA	15" To 18" Rhododendron - Pjm Rhododendron	85.95	
32 93 33 00-0579	EA	18" To 24" Rhododendron - Pjm Rhododendron	105.08	
32 93 33 00-0580	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron	152.78	
32 93 33 00-0581	EA	2-1/2 To 3' Rhododendron - Pjm Rhododendron	195.75	
32 93 33 00-0582	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron	238.73	
32 93 33 00-0583	EA	12" To 15" Rhododendron - Torch Azalea	66.83	
32 93 33 00-0584	EA	15" To 18" Rhododendron - Torch Azalea	80.33	
32 93 33 00-0585	EA	18" To 24" Rhododendron - Torch Azalea	100.13	
32 93 33 00-0586	EA	2' To 3' Rhododendron - Torch Azalea	166.95	
32 93 33 00-0587	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	75.40	
32 93 33 00-0588	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	92.16	
32 93 33 00-0589	EA	18" B&B Rhododendron cvs - Lepidote Rhododendron	113.10	
32 93 33 00-0590	EA	24" B&B Rhododendron cvs - Lepidote Rhododendron	142.42	
32 93 33 00-0591	EA	30" B&B Rhododendron cvs - Lepidote Rhododendron	167.56	
32 93 33 00-0592	EA	36" B&B Rhododendron cvs - Lepidote Rhododendron	201.07	
32 93 33 00-0593	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac	21.60	
32 93 33 00-0594	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac	59.85	
32 93 33 00-0595	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	50.27	
32 93 33 00-0596	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	69.12	
32 93 33 00-0597	EA	18" B&B Rhus aromatica & cvs - Fragrant Sumac	79.59	
32 93 33 00-0598	EA	24" B&B Rhus aromatica & cvs - Fragrant Sumac	104.72	
32 93 33 00-0599	EA	36" B&B Rhus glabra - Smooth Sumac	62.83	
32 93 33 00-0600	EA	48" B&B Rhus typhina & cvs - Staghorn Sumac	104.72	
32 93 33 00-0601	EA	72" B&B Rhus typhina & cvs - Staghorn Sumac	167.56	
32 93 33 00-0602	EA	15" B&B Ribes alpinum & cvs - Alpine Currant	56.55	
32 93 33 00-0603	EA	18" B&B Ribes alpinum & cvs - Alpine Currant	64.93	
32 93 33 00-0604	EA	24" B&B Ribes alpinum & cvs - Alpine Currant	94.25	
32 93 33 00-0605	EA	30" B&B Ribes alpinum & cvs - Alpine Currant	125.67	
32 93 33 00-0606	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	34.56	
32 93 33 00-0607	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	41.89	
32 93 33 00-0608	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	52.36	
32 93 33 00-0609	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	37.70	
32 93 33 00-0610	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	48.17	
32 93 33 00-0611	EA	5 Gallon Sambucus canadensis - American Elder	69.12	
32 93 33 00-0612	EA	1 Gallon Santolina chamaecyparissus - Lavender Cotton	5.31	
32 93 33 00-0613	EA	5 Gallon Santolina chamaecyparissus - Lavender Cotton	13.14	
32 93 33 00-0614	EA	1 Gallon Santolina rosmarinifolia - Green Lavender Cotton	5.31	
32 93 33 00-0615	EA	5 Gallon Santolina rosmarinifolia - Green Lavender Cotton	13.14	
32 93 33 00-0616	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	31.05	
32 93 33 00-0617	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca	45.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0618	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca	16.88	
32 93 33 00-0619	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca	44.10	
32 93 33 00-0620	EA	5 Gallon Senna artemisioides - Feathery Cassia	14.67	
32 93 33 00-0621	EA	15 Gallon Senna artemisioides - Feathery Cassia	58.38	
32 93 33 00-0622	EA	24" Box Senna artemisioides - Feathery Cassia	183.39	
32 93 33 00-0623	EA	1 Gallon Skimmia japonica - Japanese Skimmia	21.60	
32 93 33 00-0624	EA	2 Gallon Skimmia japonica - Japanese Skimmia	42.98	
32 93 33 00-0625	EA	5 Gallon Skimmia japonica - Japanese Skimmia	69.30	
32 93 33 00-0626	EA	1 Gallon Sollya fusiformis - Bluebell Creeper	5.31	
32 93 33 00-0627	EA	5 Gallon Sollya fusiformis - Bluebell Creeper	13.14	
32 93 33 00-0628	EA	3' To 4' Spiraea - Garland Spirea	100.13	
32 93 33 00-0629	EA	4' To 5' Spiraea - Garland Spirea	152.78	
32 93 33 00-0630	EA	5 Gallon Spiraea - Snowmound Spirea	59.85	
32 93 33 00-0631	EA	18" To 24" Spiraea - Snowmound Spirea	49.05	
32 93 33 00-0632	EA	2' To 3' Spiraea - Snowmound Spirea	69.30	
32 93 33 00-0633	EA	3' To 4' Spiraea - Snowmound Spirea	80.33	
32 93 33 00-0634	EA	4' To 5' Spiraea - Snowmound Spirea	138.38	
32 93 33 00-0635	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea	21.60	
32 93 33 00-0636	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea	42.53	
32 93 33 00-0637	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea	49.22	
32 93 33 00-0638	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea	53.41	
32 93 33 00-0639	EA	18" B&B Spiraea japonica & cvs - Japanese Spirea	54.46	
32 93 33 00-0640	EA	24" B&B Spiraea japonica & cvs - Japanese Spirea	62.83	
32 93 33 00-0641	EA	30" B&B Spiraea japonica & cvs - Japanese Spirea	71.21	
32 93 33 00-0642	EA	36" B&B Spiraea japonica & cvs - Japanese Spirea	82.73	
32 93 33 00-0643	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spiraea	33.51	
32 93 33 00-0644	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spiraea	50.27	
32 93 33 00-0645	EA	18" B&B Spiraea nipponica & cvs - Nippon Spiraea	46.08	
32 93 33 00-0646	EA	24" B&B Spiraea nipponica & cvs - Nippon Spiraea	54.46	
32 93 33 00-0647	EA	30" B&B Spiraea nipponica & cvs - Nippon Spiraea	62.83	
32 93 33 00-0648	EA	36" B&B Spiraea nipponica & cvs - Nippon Spiraea	71.21	
32 93 33 00-0649	EA	48" B&B Spiraea nipponica & cvs - Nippon Spiraea	92.16	
32 93 33 00-0650	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	21.60	
32 93 33 00-0651	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	38.75	
32 93 33 00-0652	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	50.27	
32 93 33 00-0653	EA	18" B&B Spiraea x bumalda & cvs - Bumalda Spirea	43.98	
32 93 33 00-0654	EA	24" B&B Spiraea x bumalda & cvs - Bumalda Spirea	53.41	
32 93 33 00-0655	EA	30" B&B Spiraea x bumalda & cvs - Bumalda Spirea	62.83	
32 93 33 00-0656	EA	36" B&B Spiraea x bumalda & cvs - Bumalda Spirea	71.21	
32 93 33 00-0657	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	50.27	
32 93 33 00-0658	EA	18" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	50.27	
32 93 33 00-0659	EA	24" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	58.65	
32 93 33 00-0660	EA	30" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	79.59	
32 93 33 00-0661	EA	36" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	92.16	
32 93 33 00-0662	EA	42" B&B Spiraea x vanhouttei & cvs - Vanhoutte Spirea	108.91	
32 93 33 00-0663	EA	5 Gallon Staphylea trifolia - Bladdernut	70.71	
32 93 33 00-0664	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	50.27	
32 93 33 00-0665	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	54.46	
32 93 33 00-0666	EA	24" B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	62.83	
32 93 33 00-0667	EA	30" B&B Stephanandra incisa & cvs - Cutleaf Stephanadra	75.40	
32 93 33 00-0668	EA	2 Gallon Symphoricarpos albus - Common Snowberry	52.36	
32 93 33 00-0669	EA	5 Gallon Symphoricarpos albus - Common Snowberry	55.50	
32 93 33 00-0670	EA	24" B&B Syringa meyeri & cvs - Meyer Lilac	92.16	
32 93 33 00-0671	EA	30" B&B Syringa meyeri & cvs - Meyer Lilac	115.20	
32 93 33 00-0672	EA	36" B&B Syringa meyeri & cvs - Meyer Lilac	134.05	
32 93 33 00-0673	EA	42" B&B Syringa meyeri & cvs - Meyer Lilac	154.99	
32 93 33 00-0674	EA	18" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	92.16	
32 93 33 00-0675	EA	24" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	100.54	
32 93 33 00-0676	EA	30" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	115.20	
32 93 33 00-0677	EA	36" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	134.05	
32 93 33 00-0678	EA	42" B&B Syringa patula 'Miss Kim' - Miss Kim Lilac	154.99	
32 93 33 00-0679	EA	60" B&B Syringa villosa & cvs - Late Lilac	73.31	
32 93 33 00-0680	EA	72" B&B Syringa villosa & cvs - Late Lilac	79.59	
32 93 33 00-0681	EA	36" B&B Syringa vulgaris & cvs - Common Lilac	62.83	
32 93 33 00-0682	EA	42' B&B Syringa vulgaris & cvs - Common Lilac	71.21	
32 93 33 00-0683	EA	48" B&B Syringa vulgaris & cvs - Common Lilac	79.59	
32 93 33 00-0684	EA	60" B&B Syringa vulgaris & cvs - Common Lilac	92.16	
32 93 33 00-0685	EA	72" B&B Syringa vulgaris & cvs - Common Lilac	113.10	
32 93 33 00-0686	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	52.36	
32 93 33 00-0687	EA	36" B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac	60.74	
32 93 33 00-0688	EA	48" B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac	79.59	
32 93 33 00-0689	EA	48" B&B Taxus cuspidata capitata - Capitata Japanese Yew	333.02	
32 93 33 00-0690	EA	54" B&B Taxus cuspidata capitata - Capitata Japanese Yew	372.82	
32 93 33 00-0691	EA	60" B&B Taxus cuspidata capitata - Capitata Japanese Yew	410.52	
32 93 33 00-0692	EA	72" B&B Taxus cuspidata capitata - Capitata Japanese Yew	494.30	
32 93 33 00-0693	EA	18" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	87.97	
32 93 33 00-0694	EA	24" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	115.20	
32 93 33 00-0695	EA	30" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	134.05	
32 93 33 00-0696	EA	36" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	146.61	
32 93 33 00-0697	EA	15" B&B Taxus x media & cvs - Anglojap Yew	87.97	
32 93 33 00-0698	EA	18" B&B Taxus x media & cvs - Anglojap Yew	115.20	
32 93 33 00-0699	EA	24" B&B Taxus x media & cvs - Anglojap Yew	136.14	
32 93 33 00-0700	EA	30" B&B Taxus x media & cvs - Anglojap Yew	161.28	
32 93 33 00-0701	EA	36" B&B Taxus x media & cvs - Anglojap Yew	242.96	
32 93 33 00-0702	EA	36" B&B Thuja occidentalis & cvs - Upright Arborvitae	134.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0703	EA	48" B&B Thuja occidentalis & cvs - Upright Arborvitae	180.13	
32 93 33 00-0704	EA	60" B&B Thuja occidentalis & cvs - Upright Arborvitae	272.28	
32 93 33 00-0705	EA	72" B&B Thuja occidentalis & cvs - Upright Arborvitae	397.95	
32 93 33 00-0706	EA	84" B&B Thuja occidentalis & cvs - Upright Arborvitae	456.60	
32 93 33 00-0707	EA	96" B&B Thuja occidentalis & cvs - Upright Arborvitae	529.90	
32 93 33 00-0708	EA	15" B&B Thuja occidentalis cvs - Dwarf Arborvitae	58.65	
32 93 33 00-0709	EA	18" B&B Thuja occidentalis cvs - Dwarf Arborvitae	81.68	
32 93 33 00-0710	EA	24" B&B Thuja occidentalis cvs - Dwarf Arborvitae	115.20	
32 93 33 00-0711	EA	3' To 4' Viburnum dilatatum - Linden Viburnum	100.13	
32 93 33 00-0712	EA	4' To 5' Viburnum dilatatum - Linden Viburnum	152.78	
32 93 33 00-0713	EA	5' To 6' Viburnum dilatatum - Linden Viburnum	200.48	
32 93 33 00-0714	EA	1 Gallon Viburnum japonicum - Japanese Viburnum	12.15	
32 93 33 00-0715	EA	3 Gallon Viburnum japonicum - Japanese Viburnum	33.30	
32 93 33 00-0716	EA	5 Gallon Viburnum plicatum - Japanese Snowball	59.85	
32 93 33 00-0717	EA	5' To 6' Viburnum plicatum - Japanese Snowball	224.33	
32 93 33 00-0718	EA	2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	105.08	
32 93 33 00-0719	EA	3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	123.98	
32 93 33 00-0720	EA	4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	174.38	
32 93 33 00-0721	EA	30" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	115.20	
32 93 33 00-0722	EA	36" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	138.24	
32 93 33 00-0723	EA	24" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	104.72	
32 93 33 00-0724	EA	30" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	125.67	
32 93 33 00-0725	EA	36" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	146.61	
32 93 33 00-0726	EA	42" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	167.56	
32 93 33 00-0727	EA	1 Gallon Viburnum davidii - David Viburnum	5.31	
32 93 33 00-0728	EA	5 Gallon Viburnum davidii - David Viburnum	13.14	
32 93 33 00-0729	EA	36" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	58.65	
32 93 33 00-0730	EA	42" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	62.83	
32 93 33 00-0731	EA	48" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	73.31	
32 93 33 00-0732	EA	60" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	83.78	
32 93 33 00-0733	EA	72" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	92.16	
32 93 33 00-0734	EA	30" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	56.55	
32 93 33 00-0735	EA	36" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	62.83	
32 93 33 00-0736	EA	42" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	79.59	
32 93 33 00-0737	EA	48" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	92.16	
32 93 33 00-0738	EA	60" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	125.67	
32 93 33 00-0739	EA	72" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	150.80	
32 93 33 00-0740	EA	36" B&B Viburnum lentago & cvs - Nannyberry Viburnum	62.83	
32 93 33 00-0741	EA	48" B&B Viburnum lentago & cvs - Nannyberry Viburnum	83.78	
32 93 33 00-0742	EA	5' B&B Viburnum lentago & cvs - Nannyberry Viburnum	104.72	
32 93 33 00-0743	EA	6' B&B Viburnum lentago & cvs - Nannyberry Viburnum	146.61	
32 93 33 00-0744	EA	7' B&B Viburnum lentago & cvs - Nannyberry Viburnum	209.45	
32 93 33 00-0745	EA	8' B&B Viburnum lentago & cvs - Nannyberry Viburnum	293.23	
32 93 33 00-0746	EA	9' B&B Viburnum lentago & cvs - Nannyberry Viburnum	377.01	
32 93 33 00-0747	EA	30" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	75.40	
32 93 33 00-0748	EA	36" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	83.78	
32 93 33 00-0749	EA	36" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	150.80	
32 93 33 00-0750	EA	48" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	230.39	
32 93 33 00-0751	EA	60" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	293.23	
32 93 33 00-0752	EA	72" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	356.06	
32 93 33 00-0753	EA	84" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	439.84	
32 93 33 00-0754	EA	96" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	523.62	
32 93 33 00-0755	EA	108" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	628.34	
32 93 33 00-0756	EA	120" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	733.07	
32 93 33 00-0757	EA	30" B&B Viburnum sargenti & cvs - Sargent Viburnum	63.88	
32 93 33 00-0758	EA	36" B&B Viburnum sargenti & cvs - Sargent Viburnum	70.16	
32 93 33 00-0759	EA	48" B&B Viburnum sargenti & cvs - Sargent Viburnum	79.59	
32 93 33 00-0760	EA	60" B&B Viburnum sargenti & cvs - Sargent Viburnum	92.16	
32 93 33 00-0761	EA	72" B&B Viburnum sargenti & cvs - Sargent Viburnum	105.77	
32 93 33 00-0762	EA	18" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	60.74	
32 93 33 00-0763	EA	24" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	73.31	
32 93 33 00-0764	EA	30" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	87.97	
32 93 33 00-0765	EA	36" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	100.54	
32 93 33 00-0766	EA	42" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	121.48	
32 93 33 00-0767	EA	48" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	134.05	
32 93 33 00-0768	EA	30" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	104.72	
32 93 33 00-0769	EA	36" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	125.67	
32 93 33 00-0770	EA	42" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	146.61	
32 93 33 00-0771	EA	48" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	167.56	
32 93 33 00-0772	EA	60" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	188.50	
32 93 33 00-0773	EA	30" B&B Viburnum x juddii & cvs - Judd Viburnum	134.05	
32 93 33 00-0774	EA	36" B&B Viburnum x juddii & cvs - Judd Viburnum	150.80	
32 93 33 00-0775	EA	42" B&B Viburnum x juddii & cvs - Judd Viburnum	171.75	
32 93 33 00-0776	EA	48" B&B Viburnum x juddii & cvs - Judd Viburnum	196.88	
32 93 33 00-0777	EA	2' To 3' Viburum opulus "Roseum" - Fragrant Snowball	123.98	
32 93 33 00-0778	EA	3' To 4' Viburum opulus "Roseum" - Fragrant Snowball	152.78	
32 93 33 00-0779	EA	4' To 5' Viburum opulus "Roseum" - Fragrant Snowball	224.33	
32 93 33 00-0780	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	69.12	
32 93 33 00-0781	EA	24" B&B Weigela florida & cvs - Old Fashioned Weigela	62.83	
32 93 33 00-0782	EA	30" B&B Weigela florida & cvs - Old Fashioned Weigela	71.21	
32 93 33 00-0783	EA	36" B&B Weigela florida & cvs - Old Fashioned Weigela	79.59	
32 93 33 00-0784	EA	42" B&B Weigela florida & cvs - Old Fashioned Weigela	92.16	
32 93 33 00-0785	EA	48" B&B Weigela florida & cvs - Old Fashioned Weigela	104.72	
32 93 33 00-0786	EA	1 Gallon Xylosma congestum - Shiny Xylosma	14.40	
32 93 33 00-0787	EA	5 Gallon Xylosma congestum - Shiny Xylosma	40.73	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0788	EA	15 Gallon Xylosma congestum - Shiny Xylosma	179.10	
32 93 33 00-0789	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	12.15	
32 93 33 00-0790	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	32.17	
32 93 33 00-0791	EA	1 Gallon Yucca filamentosa - Adams Needle	16.88	
32 93 33 00-0792	EA	3 Gallon Yucca filamentosa - Adams Needle	32.85	
32 93 33 00-0793	EA	5 Gallon Yucca filamentosa - Adams Needle	51.98	
32 93 33 00-0794	EA	5 Gallon Border Forsythia - Goldenbells	57.83	
32 93 33 00-0795	EA	2' To 3' Border Forsythia - Goldenbells	47.70	
32 93 33 00-0796	EA	3' To 4' Border Forsythia - Goldenbells	60.30	
32 93 33 00-0797	EA	4' To 5' Border Forsythia - Goldenbells	75.15	
32 93 33 00-0798	EA	5' To 6' Border Forsythia - Goldenbells	90.23	
32 93 33 00-0799	EA	6' To 8' Border Forsythia - Goldenbells	123.98	
32 93 33 00-0800	EA	3' Juniperus chinensis - Columnar Chinese Juniper	122.84	
32 93 33 00-0801	EA	4' Juniperus chinensis - Columnar Chinese Juniper	168.61	
32 93 33 00-0802	EA	5' Juniperus chinensis - Columnar Chinese Juniper	264.95	
32 93 33 00-0803	EA	6' Juniperus chinensis - Columnar Chinese Juniper	308.31	
32 93 33 00-0804	EA	7' Juniperus chinensis - Columnar Chinese Juniper	404.65	
32 93 33 00-0805	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	24.09	
32 93 33 00-0806	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	33.72	
32 93 33 00-0807	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	81.65	
32 93 33 00-0808	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	24.09	
32 93 33 00-0809	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	33.72	

32 93 43 Trees *(32 93)*

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

32 93 43 00-0001 Deciduous Ornamental Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	253.39
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	309.69
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	351.92
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	408.23
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	464.54
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	549.00
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	238.78
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	900.93
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	1,126.16
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	225.23
32 93 43 00-0012	EA	1-1/2" Caliper Aesculus californica - California Buckeye	563.08
32 93 43 00-0013	EA	2" Caliper Aesculus californica - California Buckeye	732.00
32 93 43 00-0014	EA	2-1/2" Caliper Aesculus californica - California Buckeye	844.62
32 93 43 00-0015	EA	3" Caliper Aesculus californica - California Buckeye	957.23
32 93 43 00-0016	EA	3-1/2" Caliper Aesculus californica - California Buckeye	1,126.16
32 93 43 00-0017	EA	36" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	167.56
32 93 43 00-0018	EA	48" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	209.45
32 93 43 00-0019	EA	60" B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry	259.72
32 93 43 00-0020	EA	60" B&B Amelanchier arborea & cvs - Downy Serviceberry	209.45
32 93 43 00-0021	EA	72" B&B Amelanchier arborea & cvs - Downy Serviceberry	251.34
32 93 43 00-0022	EA	7' B&B Amelanchier arborea & cvs - Downy Serviceberry	293.23
32 93 43 00-0023	EA	8' B&B Amelanchier arborea & cvs - Downy Serviceberry	335.12
32 93 43 00-0024	EA	5' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	377.01
32 93 43 00-0025	EA	6' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	418.90
32 93 43 00-0026	EA	7' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	481.73
32 93 43 00-0027	EA	8' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	544.56
32 93 43 00-0028	EA	9' B&B Amelanchier canadensis & cvs - Shadblow Serviceberry	628.34
32 93 43 00-0029	EA	1-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	281.54
32 93 43 00-0030	EA	2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	394.15
32 93 43 00-0031	EA	2-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	422.31
32 93 43 00-0032	EA	3" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	492.69
32 93 43 00-0033	EA	6' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	351.92
32 93 43 00-0034	EA	7' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	422.31
32 93 43 00-0035	EA	8' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	492.69
32 93 43 00-0036	EA	10' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	563.08
32 93 43 00-0037	EA	12' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	633.46
32 93 43 00-0038	EA	14' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	703.85
32 93 43 00-0039	EA	7' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	481.73
32 93 43 00-0040	EA	8' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	565.51
32 93 43 00-0041	EA	9' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	649.29
32 93 43 00-0042	EA	10' B&B Amelanchier laevis & cvs - Allegheny Serviceberry	712.12
32 93 43 00-0043	EA	30" B&B Amelanchier stolonifera & cvs - Running Serviceberry	167.56
32 93 43 00-0044	EA	48" B&B Amelanchier stolonifera & cvs - Running Serviceberry	356.06
32 93 43 00-0045	EA	60" B&B Amelanchier stolonifera & cvs - Running Serviceberry	460.79
32 93 43 00-0046	EA	2' To 4' Amelemchier - Juneberry	51.00
32 93 43 00-0047	EA	4' To 5' Amelemchier - Juneberry	53.50
32 93 43 00-0048	EA	5' To 6' Amelemchier - Juneberry	63.70
32 93 43 00-0049	EA	6' To 8' Amelemchier - Juneberry	76.01
32 93 43 00-0050	EA	3' Clump Form Asimina triloba - Paw-Paw	197.08
32 93 43 00-0051	EA	4' Clump Form Asimina triloba - Paw-Paw	225.23
32 93 43 00-0052	EA	5' Clump Form Asimina triloba - Paw-Paw	309.69
32 93 43 00-0053	EA	1-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	422.31
32 93 43 00-0054	EA	2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	492.69
32 93 43 00-0055	EA	2-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	633.46
32 93 43 00-0056	EA	5' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	253.39
32 93 43 00-0057	EA	6' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	309.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0058	EA	7' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	422.31	
32 93 43 00-0059	EA	8' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	492.69	
32 93 43 00-0060	EA	10' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	591.23	
32 93 43 00-0061	EA	12' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	717.92	
32 93 43 00-0062	EA	14' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	816.46	
32 93 43 00-0063	EA	6' Cercis - American Redbud	157.68	
32 93 43 00-0064	EA	8' Cercis - American Redbud	216.93	
32 93 43 00-0065	EA	2-1/2" Caliper Cercis - American Redbud	446.80	
32 93 43 00-0066	EA	3" Caliper Cercis - American Redbud	543.93	
32 93 43 00-0067	EA	15 Gallon Cercis canadensis & cvs - Eastern Redbud	137.62	
32 93 43 00-0068	EA	20 Gallon Cercis canadensis & cvs - Eastern Redbud	172.03	
32 93 43 00-0069	EA	6' Clump Form Cercis canadensis & cvs - Eastern Redbud	337.85	
32 93 43 00-0070	EA	7' Clump Form Cercis canadensis & cvs - Eastern Redbud	464.54	
32 93 43 00-0071	EA	8' Clump Form Cercis canadensis & cvs - Eastern Redbud	591.23	
32 93 43 00-0072	EA	1-1/2" Caliper Cercis canadensis & cvs - Eastern Redbud	323.77	
32 93 43 00-0073	EA	2" Caliper Cercis canadensis & cvs - Eastern Redbud	380.08	
32 93 43 00-0074	EA	5' To 6' Chaenomeles - Orange Quince	88.93	
32 93 43 00-0075	EA	6' To 8' Chaenomeles - Orange Quince	111.16	
32 93 43 00-0076	EA	5' Clump Form Chionanthus virginicus - White Fringetree	281.54	
32 93 43 00-0077	EA	6' Clump Form Chionanthus virginicus - White Fringetree	351.92	
32 93 43 00-0078	EA	7' Clump Form Chionanthus virginicus - White Fringetree	450.46	
32 93 43 00-0079	EA	4' To 5' Cornus - Pink Or Red Flowering Dogwood	101.63	
32 93 43 00-0080	EA	5' To 6' Cornus - Pink Or Red Flowering Dogwood	127.04	
32 93 43 00-0081	EA	6' To 7' Cornus - Pink Or Red Flowering Dogwood	177.85	
32 93 43 00-0082	EA	7' To 8' Cornus - Pink Or Red Flowering Dogwood	228.66	
32 93 43 00-0083	EA	4' To 5' Cornus - White Flowering Dogwood	67.75	
32 93 43 00-0084	EA	5' To 6' Cornus - White Flowering Dogwood	101.63	
32 93 43 00-0085	EA	6' To 7' Cornus - White Flowering Dogwood	142.28	
32 93 43 00-0086	EA	3' To 4' Cornus kousa - Japanese Dogwood	67.75	
32 93 43 00-0087	EA	4' To 5' Cornus kousa - Japanese Dogwood	77.92	
32 93 43 00-0088	EA	5' To 6' Cornus kousa - Japanese Dogwood	101.63	
32 93 43 00-0089	EA	6' To 8' Cornus kousa - Japanese Dogwood	149.06	
32 93 43 00-0090	EA	8' To 10' Cornus kousa - Japanese Dogwood	203.26	
32 93 43 00-0091	EA	1-1/2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	323.77	
32 93 43 00-0092	EA	2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	394.15	
32 93 43 00-0093	EA	4' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	154.85	
32 93 43 00-0094	EA	5' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	197.08	
32 93 43 00-0095	EA	6' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	225.23	
32 93 43 00-0096	EA	7' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	253.39	
32 93 43 00-0097	EA	8' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	309.69	
32 93 43 00-0098	EA	4' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	154.85	
32 93 43 00-0099	EA	5' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	197.08	
32 93 43 00-0100	EA	6' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	239.31	
32 93 43 00-0101	EA	7' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	281.54	
32 93 43 00-0102	EA	8' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	394.15	
32 93 43 00-0103	EA	1-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	351.92	
32 93 43 00-0104	EA	2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	422.31	
32 93 43 00-0105	EA	2-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	492.69	
32 93 43 00-0106	EA	1-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	281.54	
32 93 43 00-0107	EA	2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	351.92	
32 93 43 00-0108	EA	2-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	436.39	
32 93 43 00-0109	EA	3" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	492.69	
32 93 43 00-0110	EA	3-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	563.08	
32 93 43 00-0111	EA	4" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	633.46	
32 93 43 00-0112	EA	6' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	281.54	
32 93 43 00-0113	EA	7' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	337.85	
32 93 43 00-0114	EA	8' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	394.15	
32 93 43 00-0115	EA	10' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	492.69	
32 93 43 00-0116	EA	12' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	633.46	
32 93 43 00-0117	EA	1-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	225.23	
32 93 43 00-0118	EA	2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	253.39	
32 93 43 00-0119	EA	2-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	281.54	
32 93 43 00-0120	EA	3" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	323.77	
32 93 43 00-0121	EA	3-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	422.31	
32 93 43 00-0122	EA	4" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	478.62	
32 93 43 00-0123	EA	6' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	197.08	
32 93 43 00-0124	EA	7' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	239.31	
32 93 43 00-0125	EA	8' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	281.54	
32 93 43 00-0126	EA	10' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	351.92	
32 93 43 00-0127	EA	12' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	436.39	
32 93 43 00-0128	EA	14' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	520.85	
32 93 43 00-0129	EA	16' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	605.31	
32 93 43 00-0130	EA	1-1/2" Caliper Crataegus viridis - Winter King Hawthorn	225.23	
32 93 43 00-0131	EA	2" Caliper Crataegus viridis - Winter King Hawthorn	253.39	
32 93 43 00-0132	EA	2-1/2" Caliper Crataegus viridis - Winter King Hawthorn	351.92	
32 93 43 00-0133	EA	3" Caliper Crataegus viridis - Winter King Hawthorn	464.54	
32 93 43 00-0134	EA	6' Clump Form Crataegus viridis - Winter King Hawthorn	211.15	
32 93 43 00-0135	EA	7' Clump Form Crataegus viridis - Winter King Hawthorn	281.54	
32 93 43 00-0136	EA	8' Clump Form Crataegus viridis - Winter King Hawthorn	351.92	
32 93 43 00-0137	EA	10' Clump Form Crataegus viridis - Winter King Hawthorn	422.31	
32 93 43 00-0138	EA	4' Clump Form Hamamelis virginiana - Common Witchhazel	140.77	
32 93 43 00-0139	EA	5' Clump Form Hamamelis virginiana - Common Witchhazel	183.00	
32 93 43 00-0140	EA	6' Clump Form Hamamelis virginiana - Common Witchhazel	225.23	
32 93 43 00-0141	EA	7' Clump Form Hamamelis virginiana - Common Witchhazel	309.69	
32 93 43 00-0142	EA	8' Clump Form Hamamelis virginiana - Common Witchhazel	422.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0143	EA	1 Gallon Ilex Cassine - Casine Holly (Dahoon)	8.09	
32 93 43 00-0144	EA	5 Gallon Ilex Cassine - Casine Holly (Dahoon)	25.90	
32 93 43 00-0145	EA	4' To 5' Ilex Cassine - Casine Holly (Dahoon)	44.52	
32 93 43 00-0146	EA	6' To 7' Ilex Cassine - Casine Holly (Dahoon)	84.99	
32 93 43 00-0147	EA	8' To 9' Ilex Cassine - Casine Holly (Dahoon)	113.32	
32 93 43 00-0148	EA	10' To 12' Ilex Cassine - Casine Holly (Dahoon)	145.70	
32 93 43 00-0149	EA	2' To 3' Magnolia Virginiana - Sweetbay Magnolia	53.36	
32 93 43 00-0150	EA	3' To 4' Magnolia Virginiana - Sweetbay Magnolia	80.03	
32 93 43 00-0151	EA	4' To 5' Magnolia Virginiana - Sweetbay Magnolia	100.04	
32 93 43 00-0152	EA	5' To 6' Magnolia Virginiana - Sweetbay Magnolia	124.60	
32 93 43 00-0153	EA	4' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	211.15	
32 93 43 00-0154	EA	5' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	281.54	
32 93 43 00-0155	EA	6' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	366.00	
32 93 43 00-0156	EA	7' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	408.23	
32 93 43 00-0157	EA	9' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	549.00	
32 93 43 00-0158	EA	8' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	492.69	
32 93 43 00-0159	EA	4' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	211.15	
32 93 43 00-0160	EA	5' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	281.54	
32 93 43 00-0161	EA	6' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	366.00	
32 93 43 00-0162	EA	7' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	408.23	
32 93 43 00-0163	EA	8' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	492.69	
32 93 43 00-0164	EA	9' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	549.00	
32 93 43 00-0165	EA	4' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	211.15	
32 93 43 00-0166	EA	5' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	281.54	
32 93 43 00-0167	EA	6' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	366.00	
32 93 43 00-0168	EA	7' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	408.23	
32 93 43 00-0169	EA	8' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	492.69	
32 93 43 00-0170	EA	9' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	549.00	
32 93 43 00-0171	EA	4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	211.15	
32 93 43 00-0172	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	281.54	
32 93 43 00-0173	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	366.00	
32 93 43 00-0174	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	408.23	
32 93 43 00-0175	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	492.69	
32 93 43 00-0176	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	549.00	
32 93 43 00-0177	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	211.15	
32 93 43 00-0178	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	281.54	
32 93 43 00-0179	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	366.00	
32 93 43 00-0180	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	408.23	
32 93 43 00-0181	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	492.69	
32 93 43 00-0182	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	549.00	
32 93 43 00-0183	EA	5 Gallon Malus - Crabapple	57.17	
32 93 43 00-0184	EA	15 Gallon Malus - Crabapple	145.78	
32 93 43 00-0185	EA	20 Gallon Malus - Crabapple	171.50	
32 93 43 00-0186	EA	1-1/2" Caliper Malus cvs - Crabapple Varieties	168.92	
32 93 43 00-0187	EA	2" Caliper Malus cvs - Crabapple Varieties	225.23	
32 93 43 00-0188	EA	2-1/2" Caliper Malus cvs - Crabapple Varieties	281.54	
32 93 43 00-0189	EA	3" Caliper Malus cvs - Crabapple Varieties	337.85	
32 93 43 00-0190	EA	3-1/2" Caliper Malus cvs - Crabapple Varieties	394.15	
32 93 43 00-0191	EA	4" Caliper Malus cvs - Crabapple Varieties	450.46	
32 93 43 00-0192	EA	6' Clump Form Malus cvs - Crabapple Varieties	253.39	
32 93 43 00-0193	EA	7' Clump Form Malus cvs - Crabapple Varieties	281.54	
32 93 43 00-0194	EA	8' Clump Form Malus cvs - Crabapple Varieties	351.92	
32 93 43 00-0195	EA	10' Clump Form Malus cvs - Crabapple Varieties	394.15	
32 93 43 00-0196	EA	12' Clump Form Malus cvs - Crabapple Varieties	506.77	
32 93 43 00-0197	EA	1-1/2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	281.54	
32 93 43 00-0198	EA	2" Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars	351.92	
32 93 43 00-0199	EA	4' Clump Form Malus dwarf cvs - Dwarf Crabapple	211.15	
32 93 43 00-0200	EA	5' Clump Form Malus dwarf cvs - Dwarf Crabapple	267.46	
32 93 43 00-0201	EA	6' Clump Form Malus dwarf cvs - Dwarf Crabapple	323.77	
32 93 43 00-0202	EA	7' Clump Form Malus dwarf cvs - Dwarf Crabapple	366.00	
32 93 43 00-0203	EA	8' Clump Form Malus dwarf cvs - Dwarf Crabapple	408.23	
32 93 43 00-0204	EA	9' Clump Form Malus dwarf cvs - Dwarf Crabapple	450.46	
32 93 43 00-0205	EA	4' To 5' Oxydendrum arboreum - Sourwood	129.15	
32 93 43 00-0206	EA	5' To 6' Oxydendrum arboreum - Sourwood	161.44	
32 93 43 00-0207	EA	6' To 7' Oxydendrum arboreum - Sourwood	193.73	
32 93 43 00-0208	EA	7' To 8' Oxydendrum arboreum - Sourwood	226.02	
32 93 43 00-0209	EA	1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	5.70	
32 93 43 00-0210	EA	5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	24.15	
32 93 43 00-0211	EA	20 Gallon Prunus subhirtella - Flowering Cherry	197.96	
32 93 43 00-0212	EA	1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	204.63	
32 93 43 00-0213	EA	2" To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry	255.77	
32 93 43 00-0214	EA	3-1/2" To 4" Caliper Prunus subhirtella - Flowering Cherry	533.76	
32 93 43 00-0215	EA	3" To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry	411.38	
32 93 43 00-0216	EA	4" To 5" Caliper Prunus subhirtella - Flowering Cherry	800.64	
32 93 43 00-0217	EA	4' To 6' Prunus - Pigeon Plum	80.94	
32 93 43 00-0218	EA	8' To 10' Prunus - Pigeon Plum	275.20	
32 93 43 00-0219	EA	10' To 12' Prunus - Pigeon Plum	349.67	
32 93 43 00-0220	EA	14' To 16' Prunus - Pigeon Plum	550.41	
32 93 43 00-0221	EA	5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	51.13	
32 93 43 00-0222	EA	15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	140.06	
32 93 43 00-0223	EA	20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	182.40	
32 93 43 00-0224	EA	5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	57.80	
32 93 43 00-0225	EA	6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	111.16	
32 93 43 00-0226	EA	1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	204.63	
32 93 43 00-0227	EA	2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	244.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0228	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	160.17	
32 93 43 00-0229	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	133.39	
32 93 43 00-0230	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	195.64	
32 93 43 00-0231	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	233.53	
32 93 43 00-0232	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	300.23	
32 93 43 00-0233	EA	6' To 8' Prunus yedoensis - Yoshino Cherry	115.71	
32 93 43 00-0234	EA	1-1/2" To 2" Caliper Prunus yedoensis - Yoshino Cherry	177.96	
32 93 43 00-0235	EA	2" To 2-1/2" Caliper Prunus yedoensis - Yoshino Cherry	217.87	
32 93 43 00-0236	EA	2-1/2" To 3" Caliper Prunus yedoensis - Yoshino Cherry	278.00	
32 93 43 00-0237	EA	15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	154.56	
32 93 43 00-0238	EA	20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	193.20	
32 93 43 00-0239	EA	1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	200.93	
32 93 43 00-0240	EA	2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	239.57	
32 93 43 00-0241	EA	2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	324.58	
32 93 43 00-0242	EA	3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	425.04	
32 93 43 00-0243	EA	3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	540.96	
32 93 43 00-0244	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	154.56	
32 93 43 00-0245	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	193.20	
32 93 43 00-0246	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	131.38	
32 93 43 00-0247	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	200.93	
32 93 43 00-0248	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	239.36	
32 93 43 00-0249	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	324.58	
32 93 43 00-0250	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	425.04	
32 93 43 00-0251	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	281.54	
32 93 43 00-0252	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	351.92	
32 93 43 00-0253	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	436.39	
32 93 43 00-0254	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	492.69	
32 93 43 00-0255	EA	3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	549.00	
32 93 43 00-0256	EA	4" Caliper Pyrus calleryana & cvs - Callery Pear	703.85	
32 93 43 00-0257	EA	1 Gallon Ribes aureum - Golden Current	4.99	
32 93 43 00-0258	EA	5 Gallon Ribes aureum - Golden Current	14.27	
32 93 43 00-0259	EA	1 Gallon Ribes sanguineum - Red Flowering Currant	4.99	
32 93 43 00-0260	EA	5 Gallon Ribes sanguineum - Red Flowering Currant	14.27	
32 93 43 00-0261	EA	1 Gallon Ribes viburnifolium - Evergreen Currant	4.99	
32 93 43 00-0262	EA	5 Gallon Ribes viburnifolium - Evergreen Currant	14.27	
32 93 43 00-0263	EA	1-3/4" Caliper Sophora japonica - Japanese Pagoda	376.40	
32 93 43 00-0264	EA	2" Caliper Sophora japonica - Japanese Pagoda	423.45	
32 93 43 00-0265	EA	2-1/2" Caliper Sophora japonica - Japanese Pagoda	494.03	
32 93 43 00-0266	EA	3" Caliper Sophora japonica - Japanese Pagoda	722.56	
32 93 43 00-0267	EA	3-1/2" Caliper Sophora japonica - Japanese Pagoda	1,092.24	
32 93 43 00-0268	EA	1-1/2" Caliper Sorbus alnifolia - Korean Mountainash	281.54	
32 93 43 00-0269	EA	2" Caliper Sorbus alnifolia - Korean Mountainash	351.92	
32 93 43 00-0270	EA	2-1/2" Caliper Sorbus alnifolia - Korean Mountainash	436.39	
32 93 43 00-0271	EA	3" Caliper Sorbus alnifolia - Korean Mountainash	534.92	
32 93 43 00-0272	EA	3-1/2" Caliper Sorbus alnifolia - Korean Mountainash	647.54	
32 93 43 00-0273	EA	4" Caliper Sorbus alnifolia - Korean Mountainash	774.23	
32 93 43 00-0274	EA	1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	366.00	
32 93 43 00-0275	EA	2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	394.15	
32 93 43 00-0276	EA	2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	478.62	
32 93 43 00-0277	EA	4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	225.23	
32 93 43 00-0278	EA	5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	267.46	
32 93 43 00-0279	EA	6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	309.69	
32 93 43 00-0280	EA	7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	351.92	
32 93 43 00-0281	EA	8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	408.23	
32 93 43 00-0282	EA	10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	520.85	
32 93 43 00-0283	EA	12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	591.23	
32 93 43 00-0284	EA	14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	675.69	
32 93 43 00-0285	EA	5 Gallon Celtis Sinensis - Chinese Hackberry	25.13	
32 93 43 00-0286	EA	15 Gallon Celtis Sinensis - Chinese Hackberry	66.25	
32 93 43 00-0287	EA	24" Box Celtis Sinensis - Chinese Hackberry	217.02	
32 93 43 00-0288	EA	36" Box Celtis Sinensis - Chinese Hackberry	633.92	
32 93 43 00-0289	EA	5 Gallon Crataegus phaenopyrum - Washington Hawthorn	25.13	
32 93 43 00-0290	EA	15 Gallon Crataegus phaenopyrum - Washington Hawthorn	66.25	
32 93 43 00-0291	EA	24" Box Crataegus phaenopyrum - Washington Hawthorn	217.02	
32 93 43 00-0292	EA	36" Box Crataegus phaenopyrum - Washington Hawthorn	633.92	
32 93 43 00-0293	EA	1 Gallon Eucalyptus ficifolia - Red-Flowering Gum	7.42	
32 93 43 00-0294	EA	5 Gallon Eucalyptus ficifolia - Red-Flowering Gum	20.56	
32 93 43 00-0295	EA	15 Gallon Eucalyptus ficifolia - Red-Flowering Gum	90.23	
32 93 43 00-0296	EA	24" Box Eucalyptus ficifolia - Red-Flowering Gum	217.02	
32 93 43 00-0297	EA	36" Box Eucalyptus ficifolia - Red-Flowering Gum	571.10	
32 93 43 00-0298	EA	15 Gallon Fraxinus velutina 'Raywood' - Fan-Tex Ash	55.97	
32 93 43 00-0299	EA	24" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	182.75	
32 93 43 00-0300	EA	36" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	485.44	
32 93 43 00-0301	EA	48" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	1,085.09	
32 93 43 00-0302	EA	5 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	15.99	
32 93 43 00-0303	EA	15 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	55.97	
32 93 43 00-0304	EA	24" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	182.75	
32 93 43 00-0305	EA	36" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	485.44	
32 93 43 00-0306	EA	48" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	1,085.09	
32 93 43 00-0307	EA	5 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	15.99	
32 93 43 00-0308	EA	15 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	67.39	
32 93 43 00-0309	EA	24" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	182.75	
32 93 43 00-0310	EA	36" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	513.99	
32 93 43 00-0311	EA	48" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	1,313.53	
32 93 43 00-0312	EA	5 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	15.99	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0313	EA	15 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	67.39	
32 93 43 00-0314	EA	24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	182.75	
32 93 43 00-0315	EA	36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	513.99	
32 93 43 00-0316	EA	48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	1,313.53	
32 93 43 00-0317	EA	5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	15.99	
32 93 43 00-0318	EA	15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	67.39	
32 93 43 00-0319	EA	24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	182.75	
32 93 43 00-0320	EA	36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	513.99	
32 93 43 00-0321	EA	48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	1,313.53	
32 93 43 00-0322	EA	1 Gallon Pittosporum undulatum - Victorian Box	6.71	
32 93 43 00-0323	EA	5 Gallon Pittosporum undulatum - Victorian Box	14.46	
32 93 43 00-0324	EA	15 Gallon Pittosporum undulatum - Victorian Box	81.59	
32 93 43 00-0325	EA	24" Box Pittosporum undulatum - Victorian Box	196.23	
32 93 43 00-0326	EA	36" Box Pittosporum undulatum - Victorian Box	568.04	
32 93 43 00-0327	EA	48" Box Pittosporum undulatum - Victorian Box	1,291.00	
32 93 43 00-0328	EA	15 Gallon Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum	57.05	
32 93 43 00-0329	EA	24" Box Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum	205.54	

32 93 43 00-0330 Deciduous Shade Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0331	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	204.30	
32 93 43 00-0332	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	250.44	
32 93 43 00-0333	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	326.22	
32 93 43 00-0334	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	422.88	
32 93 43 00-0335	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	21.55	
32 93 43 00-0336	EA	4' To 5' Acer palmatum - Japanese Maple	45.25	
32 93 43 00-0337	EA	5' To 6' Acer palmatum - Japanese Maple	59.26	
32 93 43 00-0338	EA	6' To 7' Acer palmatum - Japanese Maple	107.74	
32 93 43 00-0339	EA	7' To 8' Acer palmatum - Japanese Maple	150.84	
32 93 43 00-0340	EA	8' To 10' Acer palmatum - Japanese Maple	193.94	
32 93 43 00-0341	EA	10' To 12' Acer palmatum - Japanese Maple	258.58	
32 93 43 00-0342	EA	2" Caliper Acer platanoides & cvs - Norway Maple	109.84	
32 93 43 00-0343	EA	2" Caliper Acer platanoides & cvs - Norway Maple	133.72	
32 93 43 00-0344	EA	3" Caliper Acer platanoides & cvs - Norway Maple	171.92	
32 93 43 00-0345	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	200.58	
32 93 43 00-0346	EA	4" Caliper Acer platanoides & cvs - Norway Maple	214.90	
32 93 43 00-0347	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	234.01	
32 93 43 00-0348	EA	5" Caliper Acer platanoides & cvs - Norway Maple	262.66	
32 93 43 00-0349	EA	2" Caliper Acer rubrum & cvs - Red Maple	105.06	
32 93 43 00-0350	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	133.72	
32 93 43 00-0351	EA	3" Caliper Acer rubrum & cvs - Red Maple	171.92	
32 93 43 00-0352	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	210.13	
32 93 43 00-0353	EA	4" Caliper Acer rubrum & cvs - Red Maple	238.78	
32 93 43 00-0354	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	276.99	
32 93 43 00-0355	EA	5" Caliper Acer rubrum & cvs - Red Maple	310.42	
32 93 43 00-0356	EA	8' Clump Form Acer rubrum & cvs - Red Maple	128.94	
32 93 43 00-0357	EA	10' Clump Form Acer rubrum & cvs - Red Maple	171.92	
32 93 43 00-0358	EA	12' Clump Form Acer rubrum & cvs - Red Maple	200.58	
32 93 43 00-0359	EA	14' Clump Form Acer rubrum & cvs - Red Maple	229.23	
32 93 43 00-0360	EA	16' Clump Form Acer rubrum & cvs - Red Maple	257.89	
32 93 43 00-0361	EA	18' Clump Form Acer rubrum & cvs - Red Maple	286.54	
32 93 43 00-0362	EA	2" Caliper Acer saccharinum & cvs - Silver Maple	85.96	
32 93 43 00-0363	EA	2-1/2" Caliper Acer saccharinum & cvs - Silver Maple	114.62	
32 93 43 00-0364	EA	3" Caliper Acer saccharinum & cvs - Silver Maple	143.27	
32 93 43 00-0365	EA	3-1/2" Caliper Acer saccharinum & cvs - Silver Maple	171.92	
32 93 43 00-0366	EA	4" Caliper Acer saccharinum & cvs - Silver Maple	200.58	
32 93 43 00-0367	EA	4-1/2" Caliper Acer saccharinum & cvs - Silver Maple	229.23	
32 93 43 00-0368	EA	5" Caliper Acer saccharinum & cvs - Silver Maple	257.89	
32 93 43 00-0369	EA	2" Caliper Acer saccharum & cvs - Sugar Maple	105.06	
32 93 43 00-0370	EA	2-1/2" Caliper Acer saccharum & cvs - Sugar Maple	138.49	
32 93 43 00-0371	EA	3" Caliper Acer saccharum & cvs - Sugar Maple	167.15	
32 93 43 00-0372	EA	3-1/2" Caliper Acer saccharum & cvs - Sugar Maple	191.03	
32 93 43 00-0373	EA	4" Caliper Acer saccharum & cvs - Sugar Maple	224.46	
32 93 43 00-0374	EA	4-1/2" Caliper Acer saccharum & cvs - Sugar Maple	257.89	
32 93 43 00-0375	EA	5" Caliper Acer saccharum & cvs - Sugar Maple	286.54	
32 93 43 00-0376	EA	10' Clump Form Acer saccharum & cvs - Sugar Maple	191.03	
32 93 43 00-0377	EA	12' Clump Form Acer saccharum & cvs - Sugar Maple	224.46	
32 93 43 00-0378	EA	14' Clump Form Acer saccharum & cvs - Sugar Maple	262.66	
32 93 43 00-0379	EA	16' Clump Form Acer saccharum & cvs - Sugar Maple	291.31	
32 93 43 00-0380	EA	18' Clump Form Acer saccharum & cvs - Sugar Maple	353.40	
32 93 43 00-0381	EA	20' Clump Form Acer saccharum & cvs - Sugar Maple	382.05	
32 93 43 00-0382	EA	2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	119.39	
32 93 43 00-0383	EA	2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	148.05	
32 93 43 00-0384	EA	3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	181.47	
32 93 43 00-0385	EA	3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	210.13	
32 93 43 00-0386	EA	4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	229.23	
32 93 43 00-0387	EA	4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	253.11	
32 93 43 00-0388	EA	5" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	281.76	
32 93 43 00-0389	EA	10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	171.92	
32 93 43 00-0390	EA	12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	227.32	
32 93 43 00-0391	EA	14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	264.57	
32 93 43 00-0392	EA	16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	291.31	
32 93 43 00-0393	EA	18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	353.40	
32 93 43 00-0394	EA	20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	382.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0395	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	167.15	
32 93 43 00-0396	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	186.25	
32 93 43 00-0397	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	210.13	
32 93 43 00-0398	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	238.78	
32 93 43 00-0399	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	286.54	
32 93 43 00-0400	EA	2" Caliper Aesculus x carnea - Red Horsechestnut	167.15	
32 93 43 00-0401	EA	2-1/2" Caliper Aesculus x carnea - Red Horsechestnut	186.25	
32 93 43 00-0402	EA	3" Caliper Aesculus x carnea - Red Horsechestnut	210.13	
32 93 43 00-0403	EA	3-1/2" Caliper Aesculus x carnea - Red Horsechestnut	238.78	
32 93 43 00-0404	EA	4" Caliper Aesculus x carnea - Red Horsechestnut	286.54	
32 93 43 00-0405	EA	2" Caliper Alnus glutinosa - Common Alder, Black Alder	119.39	
32 93 43 00-0406	EA	2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	138.49	
32 93 43 00-0407	EA	3" Caliper Alnus glutinosa - Common Alder, Black Alder	157.60	
32 93 43 00-0408	EA	3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	181.47	
32 93 43 00-0409	EA	8' Clump Form Alnus glutinosa - Common Alder, Black Alder	124.17	
32 93 43 00-0410	EA	10' Clump Form Alnus glutinosa - Common Alder, Black Alder	152.82	
32 93 43 00-0411	EA	12' Clump Form Alnus glutinosa - Common Alder, Black Alder	171.92	
32 93 43 00-0412	EA	14' Clump Form Alnus glutinosa - Common Alder, Black Alder	191.03	
32 93 43 00-0413	EA	16' Clump Form Alnus glutinosa - Common Alder, Black Alder	214.90	
32 93 43 00-0414	EA	18' Clump Form Alnus glutinosa - Common Alder, Black Alder	238.78	
32 93 43 00-0415	EA	2" Caliper Betula nigra - River Birch	119.39	
32 93 43 00-0416	EA	2-1/2" Caliper Betula nigra - River Birch	135.20	
32 93 43 00-0417	EA	3" Caliper Betula nigra - River Birch	152.82	
32 93 43 00-0418	EA	3-1/2" Caliper Betula nigra - River Birch	191.03	
32 93 43 00-0419	EA	4" Caliper Betula nigra - River Birch	214.90	
32 93 43 00-0420	EA	4-1/2" Caliper Betula nigra - River Birch	238.78	
32 93 43 00-0421	EA	5" Caliper Betula nigra - River Birch	262.66	
32 93 43 00-0422	EA	8' Clump Form Betula nigra - River Birch	109.84	
32 93 43 00-0423	EA	10' Clump Form Betula nigra - River Birch	124.17	
32 93 43 00-0424	EA	12' Clump Form Betula nigra - River Birch	143.27	
32 93 43 00-0425	EA	14' Clump Form Betula nigra - River Birch	167.15	
32 93 43 00-0426	EA	16' Clump Form Betula nigra - River Birch	191.03	
32 93 43 00-0427	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	143.27	
32 93 43 00-0428	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	171.92	
32 93 43 00-0429	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	200.58	
32 93 43 00-0430	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	238.78	
32 93 43 00-0431	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	248.33	
32 93 43 00-0432	EA	10' - 12' Bursera Simaruba - Gumbo Limbo	60.41	
32 93 43 00-0433	EA	12' - 14' Bursera Simaruba - Gumbo Limbo	71.40	
32 93 43 00-0434	EA	14' - 16' Bursera Simaruba - Gumbo Limbo	98.86	
32 93 43 00-0435	EA	17' - 18' Bursera Simaruba - Gumbo Limbo	128.51	
32 93 43 00-0436	EA	19' - 20' Bursera Simaruba - Gumbo Limbo	142.79	
32 93 43 00-0437	EA	21' - 22' Bursera Simaruba - Gumbo Limbo	169.15	
32 93 43 00-0438	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam	191.03	
32 93 43 00-0439	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	214.90	
32 93 43 00-0440	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	248.33	
32 93 43 00-0441	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	300.87	
32 93 43 00-0442	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	85.96	
32 93 43 00-0443	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	119.39	
32 93 43 00-0444	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	148.05	
32 93 43 00-0445	EA	2" Caliper Catalpa speciosa - Western Catalpa	105.06	
32 93 43 00-0446	EA	2-1/2" Caliper Catalpa speciosa - Western Catalpa	143.27	
32 93 43 00-0447	EA	3" Caliper Catalpa speciosa - Western Catalpa	186.25	
32 93 43 00-0448	EA	3-1/2" Caliper Catalpa speciosa - Western Catalpa	224.46	
32 93 43 00-0449	EA	4" Caliper Catalpa speciosa - Western Catalpa	257.89	
32 93 43 00-0450	EA	2" Caliper Celtis occidentalis & cvs - Common Hackberry	133.72	
32 93 43 00-0451	EA	2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	152.82	
32 93 43 00-0452	EA	3" Caliper Celtis occidentalis & cvs - Common Hackberry	186.25	
32 93 43 00-0453	EA	3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	219.68	
32 93 43 00-0454	EA	4" Caliper Celtis occidentalis & cvs - Common Hackberry	253.11	
32 93 43 00-0455	EA	4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	286.54	
32 93 43 00-0456	EA	3" Caliper Cercidiphyllum japonicum - Katsuratree	167.15	
32 93 43 00-0457	EA	3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree	191.03	
32 93 43 00-0458	EA	4" Caliper Cercidiphyllum japonicum - Katsuratree	224.46	
32 93 43 00-0459	EA	5" Caliper Cercidiphyllum japonicum - Katsuratree	267.44	
32 93 43 00-0460	EA	6' Clump Form Cercidiphyllum japonicum - Katsuratree	133.72	
32 93 43 00-0461	EA	7' Clump Form Cercidiphyllum japonicum - Katsuratree	157.60	
32 93 43 00-0462	EA	8' Clump Form Cercidiphyllum japonicum - Katsuratree	191.03	
32 93 43 00-0463	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree	238.78	
32 93 43 00-0464	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree	286.54	
32 93 43 00-0465	EA	2" Caliper Cladrastus lutea - American Yellowwood	238.78	
32 93 43 00-0466	EA	2-1/2" Caliper Cladrastus lutea - American Yellowwood	286.54	
32 93 43 00-0467	EA	3" Caliper Cladrastus lutea - American Yellowwood	334.30	
32 93 43 00-0468	EA	3-1/2" Caliper Cladrastus lutea - American Yellowwood	382.05	
32 93 43 00-0469	EA	2" Caliper Corylus colurna - Turkish Filbert	148.05	
32 93 43 00-0470	EA	2-1/2" Caliper Corylus colurna - Turkish Filbert	167.15	
32 93 43 00-0471	EA	3" Caliper Corylus colurna - Turkish Filbert	191.03	
32 93 43 00-0472	EA	3-1/2" Caliper Corylus colurna - Turkish Filbert	219.68	
32 93 43 00-0473	EA	4" Caliper Corylus colurna - Turkish Filbert	262.66	
32 93 43 00-0474	EA	4-1/2" Caliper Corylus colurna - Turkish Filbert	305.64	
32 93 43 00-0475	EA	5" Caliper Corylus colurna - Turkish Filbert	348.62	
32 93 43 00-0476	EA	8' Clump Form Corylus colurna - Turkish Filbert	133.72	
32 93 43 00-0477	EA	10' Clump Form Corylus colurna - Turkish Filbert	162.37	
32 93 43 00-0478	EA	12' Clump Form Corylus colurna - Turkish Filbert	191.03	
32 93 43 00-0479	EA	14' Clump Form Corylus colurna - Turkish Filbert	214.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0480	EA	16' Clump Form Corylus colurna - Turkish Filbert	238.78	
32 93 43 00-0481	EA	1-1/2" Caliper Diospyros - Persimmon	85.96	
32 93 43 00-0482	EA	2" Caliper Diospyros - Persimmon	105.06	
32 93 43 00-0483	EA	2-1/2" Caliper Diospyros - Persimmon	133.72	
32 93 43 00-0484	EA	3" Caliper Diospyros - Persimmon	167.15	
32 93 43 00-0485	EA	3-1/2" Caliper Diospyros - Persimmon	200.58	
32 93 43 00-0486	EA	1-1/2" Caliper Fagus grandifolia - American Beech	191.03	
32 93 43 00-0487	EA	2" Caliper Fagus grandifolia - American Beech	248.33	
32 93 43 00-0488	EA	2-1/2" Caliper Fagus grandifolia - American Beech	315.19	
32 93 43 00-0489	EA	3" Caliper Fagus grandifolia - American Beech	382.05	
32 93 43 00-0490	EA	3-1/2" Caliper Fagus grandifolia - American Beech	453.69	
32 93 43 00-0491	EA	2" Caliper Fagus sylvatica & cvs - European Beech	214.90	
32 93 43 00-0492	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	257.89	
32 93 43 00-0493	EA	3" Caliper Fagus sylvatica & cvs - European Beech	310.42	
32 93 43 00-0494	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	343.85	
32 93 43 00-0495	EA	4" Caliper Fagus sylvatica & cvs - European Beech	405.93	
32 93 43 00-0496	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	525.32	
32 93 43 00-0497	EA	5" Caliper Fagus sylvatica & cvs - European Beech	620.83	
32 93 43 00-0498	EA	2" Caliper Fraxinus americana & cvs - White Ash	119.39	
32 93 43 00-0499	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash	143.27	
32 93 43 00-0500	EA	3" Caliper Fraxinus americana & cvs - White Ash	181.47	
32 93 43 00-0501	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash	219.68	
32 93 43 00-0502	EA	4" Caliper Fraxinus americana & cvs - White Ash	257.89	
32 93 43 00-0503	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash	286.54	
32 93 43 00-0504	EA	5" Caliper Fraxinus americana & cvs - White Ash	334.30	
32 93 43 00-0505	EA	2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	105.06	
32 93 43 00-0506	EA	2-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	124.17	
32 93 43 00-0507	EA	3" Caliper Fraxinus pennsylvanica & cvs - Green Ash	167.15	
32 93 43 00-0508	EA	3-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	200.58	
32 93 43 00-0509	EA	4" Caliper Fraxinus pennsylvanica & cvs - Green Ash	238.78	
32 93 43 00-0510	EA	4-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	257.89	
32 93 43 00-0511	EA	5" Caliper Fraxinus pennsylvanica & cvs - Green Ash	286.54	
32 93 43 00-0512	EA	1-1/2" Caliper Fraxinus quadrangulata - Blue Ash	143.27	
32 93 43 00-0513	EA	2" Caliper Fraxinus quadrangulata - Blue Ash	176.70	
32 93 43 00-0514	EA	2-1/2" Caliper Fraxinus quadrangulata - Blue Ash	214.90	
32 93 43 00-0515	EA	3" Caliper Fraxinus quadrangulata - Blue Ash	262.66	
32 93 43 00-0516	EA	3-1/2" Caliper Fraxinus quadrangulata - Blue Ash	310.42	
32 93 43 00-0517	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	167.15	
32 93 43 00-0518	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	186.25	
32 93 43 00-0519	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	210.13	
32 93 43 00-0520	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	234.01	
32 93 43 00-0521	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	262.66	
32 93 43 00-0522	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	286.54	
32 93 43 00-0523	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	429.81	
32 93 43 00-0524	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	477.57	
32 93 43 00-0525	EA	2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	114.62	
32 93 43 00-0526	EA	2-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	143.27	
32 93 43 00-0527	EA	3" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	171.92	
32 93 43 00-0528	EA	3-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	200.58	
32 93 43 00-0529	EA	4" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	229.23	
32 93 43 00-0530	EA	4-1/2" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	257.89	
32 93 43 00-0531	EA	5" Caliper Gleditsia triocanthos inermis & cvs - Thornless Common Honeylocust	305.64	
32 93 43 00-0532	EA	2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	148.05	
32 93 43 00-0533	EA	2-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	181.47	
32 93 43 00-0534	EA	3" Caliper Gymnocladus dioicus - Kentucky Coffeetree	214.90	
32 93 43 00-0535	EA	3-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	253.11	
32 93 43 00-0536	EA	4" Caliper Gymnocladus dioicus - Kentucky Coffeetree	286.54	
32 93 43 00-0537	EA	4-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	319.97	
32 93 43 00-0538	EA	5" Caliper Gymnocladus dioicus - Kentucky Coffeetree	358.17	
32 93 43 00-0539	EA	1-1/2" Caliper Juglans cinerea - Butternut	114.62	
32 93 43 00-0540	EA	2" Caliper Juglans cinerea - Butternut	133.72	
32 93 43 00-0541	EA	2-1/2" Caliper Juglans cinerea - Butternut	167.15	
32 93 43 00-0542	EA	3" Caliper Juglans cinerea - Butternut	210.13	
32 93 43 00-0543	EA	3-1/2" Caliper Juglans cinerea - Butternut	257.89	
32 93 43 00-0544	EA	1-1/2" Caliper Juglans californica - California Walnut	114.62	
32 93 43 00-0545	EA	2" Caliper Juglans californica - California Walnut	133.72	
32 93 43 00-0546	EA	2-1/2" Caliper Juglans californica - California Walnut	167.15	
32 93 43 00-0547	EA	3" Caliper Juglans californica - California Walnut	210.13	
32 93 43 00-0548	EA	3-1/2" Caliper Juglans californica - California Walnut	257.89	
32 93 43 00-0549	EA	4" Caliper Juglans californica - California Walnut	310.42	
32 93 43 00-0550	EA	4-1/2" Caliper Juglans californica - California Walnut	358.17	
32 93 43 00-0551	EA	5" Caliper Juglans californica - California Walnut	405.93	
32 93 43 00-0552	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree	12.93	
32 93 43 00-0553	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree	32.32	
32 93 43 00-0554	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree	64.65	
32 93 43 00-0555	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree	84.04	
32 93 43 00-0556	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree	61.41	
32 93 43 00-0557	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree	74.34	
32 93 43 00-0558	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree	103.43	
32 93 43 00-0559	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum	152.82	
32 93 43 00-0560	EA	2" Caliper Liquidambar styraciflua - American Sweetgum	191.03	
32 93 43 00-0561	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	238.78	
32 93 43 00-0562	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	286.54	
32 93 43 00-0563	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	334.30	
32 93 43 00-0564	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	152.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0565	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	210.13	
32 93 43 00-0566	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	248.33	
32 93 43 00-0567	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	286.54	
32 93 43 00-0568	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	324.74	
32 93 43 00-0569	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	114.62	
32 93 43 00-0570	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	205.35	
32 93 43 00-0571	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	248.33	
32 93 43 00-0572	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	152.82	
32 93 43 00-0573	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	191.03	
32 93 43 00-0574	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	238.78	
32 93 43 00-0575	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	286.54	
32 93 43 00-0576	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	334.30	
32 93 43 00-0577	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	66.86	
32 93 43 00-0578	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	76.41	
32 93 43 00-0579	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	90.74	
32 93 43 00-0580	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	114.62	
32 93 43 00-0581	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	143.27	
32 93 43 00-0582	EA	2" Caliper Ostrya virginiana - American Hophornbeam	124.17	
32 93 43 00-0583	EA	2-1/2" Caliper Ostrya virginiana - American Hophornbeam	157.60	
32 93 43 00-0584	EA	3" Caliper Ostrya virginiana - American Hophornbeam	191.03	
32 93 43 00-0585	EA	3-1/2" Caliper Ostrya virginiana - American Hophornbeam	224.46	
32 93 43 00-0586	EA	4" Caliper Ostrya virginiana - American Hophornbeam	272.21	
32 93 43 00-0587	EA	2" Caliper Phellodendron amurense - Amur Corktree	95.51	
32 93 43 00-0588	EA	2-1/2" Caliper Phellodendron amurense - Amur Corktree	119.39	
32 93 43 00-0589	EA	3" Caliper Phellodendron amurense - Amur Corktree	143.27	
32 93 43 00-0590	EA	3-1/2" Caliper Phellodendron amurense - Amur Corktree	167.15	
32 93 43 00-0591	EA	4" Caliper Phellodendron amurense - Amur Corktree	191.03	
32 93 43 00-0592	EA	4-1/2" Caliper Phellodendron amurense - Amur Corktree	214.90	
32 93 43 00-0593	EA	5" Caliper Phellodendron amurense - Amur Corktree	238.78	
32 93 43 00-0594	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore	207.48	
32 93 43 00-0595	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore	301.79	
32 93 43 00-0596	EA	42" Box Platanus occidentalis - Buttonwood Sycamore	448.93	
32 93 43 00-0597	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore	69.42	
32 93 43 00-0598	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	83.00	
32 93 43 00-0599	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore	113.17	
32 93 43 00-0600	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore	137.34	
32 93 43 00-0601	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood	57.12	
32 93 43 00-0602	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood	71.40	
32 93 43 00-0603	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood	126.32	
32 93 43 00-0604	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood	181.24	
32 93 43 00-0605	EA	2" Caliper Platanus x acerifolia & cvs - London Planetree	114.62	
32 93 43 00-0606	EA	2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	138.49	
32 93 43 00-0607	EA	3" Caliper Platanus x acerifolia & cvs - London Planetree	167.15	
32 93 43 00-0608	EA	3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	200.58	
32 93 43 00-0609	EA	4" Caliper Platanus x acerifolia & cvs - London Planetree	238.78	
32 93 43 00-0610	EA	2" Caliper Populus alba & cvs - White Poplar	114.62	
32 93 43 00-0611	EA	2-1/2" Caliper Populus alba & cvs - White Poplar	133.72	
32 93 43 00-0612	EA	3" Caliper Populus alba & cvs - White Poplar	152.82	
32 93 43 00-0613	EA	3-1/2" Caliper Populus alba & cvs - White Poplar	181.47	
32 93 43 00-0614	EA	4" Caliper Populus alba & cvs - White Poplar	200.58	
32 93 43 00-0615	EA	4-1/2" Caliper Populus alba & cvs - White Poplar	229.23	
32 93 43 00-0616	EA	2" Caliper Populus deltoides & cvs - Eastern Cottonwood	105.06	
32 93 43 00-0617	EA	2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	138.49	
32 93 43 00-0618	EA	3" Caliper Populus deltoides & cvs - Eastern Cottonwood	167.15	
32 93 43 00-0619	EA	3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	200.58	
32 93 43 00-0620	EA	4" Caliper Populus deltoides & cvs - Eastern Cottonwood	238.78	
32 93 43 00-0621	EA	6' To 8' Quercus acutissima - Sawtooth Oak	35.91	
32 93 43 00-0622	EA	8' To 10' Quercus acutissima - Sawtooth Oak	53.87	
32 93 43 00-0623	EA	10' To 12' Quercus acutissima - Sawtooth Oak	62.85	
32 93 43 00-0624	EA	1-1/2" To 2" Caliper Quercus acutissima - Sawtooth Oak	71.83	
32 93 43 00-0625	EA	2" To 2-1/2" Caliper Quercus acutissima - Sawtooth Oak	80.81	
32 93 43 00-0626	EA	3" To 3-1/2" Caliper Quercus virginiana - Live Oak	284.44	
32 93 43 00-0627	EA	3-1/2" To 4" Caliper Quercus virginiana - Live Oak	383.34	
32 93 43 00-0628	EA	4" To 4-1/2" Caliper Quercus virginiana - Live Oak	518.44	
32 93 43 00-0629	EA	4-1/2" To 5" Caliper Quercus virginiana - Live Oak	691.99	
32 93 43 00-0630	EA	5" To 5-1/2" Caliper Quercus virginiana - Live Oak	834.78	
32 93 43 00-0631	EA	5-1/2" To 6" Caliper Quercus virginiana - Live Oak	922.66	
32 93 43 00-0632	EA	6" To 6-1/2" Caliper Quercus virginiana - Live Oak	1,241.19	
32 93 43 00-0633	EA	6-1/2" To 7" Caliper Quercus Virginiana - Live Oak	1,559.73	
32 93 43 00-0634	EA	7" To 7-1/2" Caliper Quercus virginiana - Live Oak	1,878.26	
32 93 43 00-0635	EA	7-1/2" To 8" Caliper Quercus virginiana - Live Oak	2,279.18	
32 93 43 00-0636	EA	8" To 8-1/2" Caliper Quercus virginiana - Live Oak	2,680.10	
32 93 43 00-0637	EA	2" Caliper Quercus alba - White Oak	143.27	
32 93 43 00-0638	EA	2-1/2" Caliper Quercus alba - White Oak	167.15	
32 93 43 00-0639	EA	3" Caliper Quercus alba - White Oak	210.13	
32 93 43 00-0640	EA	3-1/2" Caliper Quercus alba - White Oak	262.66	
32 93 43 00-0641	EA	4" Caliper Quercus alba - White Oak	310.42	
32 93 43 00-0642	EA	4-1/2" Caliper Quercus alba - White Oak	382.05	
32 93 43 00-0643	EA	5" Caliper Quercus alba - White Oak	453.69	
32 93 43 00-0644	EA	2" Caliper Quercus bicolor - Swamp White Oak	167.15	
32 93 43 00-0645	EA	2-1/2" Caliper Quercus bicolor - Swamp White Oak	191.03	
32 93 43 00-0646	EA	3" Caliper Quercus bicolor - Swamp White Oak	219.68	
32 93 43 00-0647	EA	3-1/2" Caliper Quercus bicolor - Swamp White Oak	243.56	
32 93 43 00-0648	EA	4" Caliper Quercus bicolor - Swamp White Oak	276.99	
32 93 43 00-0649	EA	4-1/2" Caliper Quercus bicolor - Swamp White Oak	305.64	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0650	EA	5" Caliper Quercus bicolor - Swamp White Oak	343.85	
32 93 43 00-0651	EA	10' Clump Form Quercus bicolor - Swamp White Oak	238.78	
32 93 43 00-0652	EA	12' Clump Form Quercus bicolor - Swamp White Oak	286.54	
32 93 43 00-0653	EA	14' Clump Form Quercus bicolor - Swamp White Oak	334.30	
32 93 43 00-0654	EA	16' Clump Form Quercus bicolor - Swamp White Oak	382.05	
32 93 43 00-0655	EA	2" Caliper Quercus coccinea - Scarlet Oak	124.17	
32 93 43 00-0656	EA	2-1/2" Caliper Quercus coccinea - Scarlet Oak	157.60	
32 93 43 00-0657	EA	3" Caliper Quercus coccinea - Scarlet Oak	195.80	
32 93 43 00-0658	EA	3-1/2" Caliper Quercus coccinea - Scarlet Oak	238.78	
32 93 43 00-0659	EA	4" Caliper Quercus coccinea - Scarlet Oak	286.54	
32 93 43 00-0660	EA	4-1/2" Caliper Quercus coccinea - Scarlet Oak	339.07	
32 93 43 00-0661	EA	5" Caliper Quercus coccinea - Scarlet Oak	396.38	
32 93 43 00-0662	EA	1-1/2" Caliper Quercus imbricaria - Shingle Oak	124.17	
32 93 43 00-0663	EA	2" Caliper Quercus imbricaria - Shingle Oak	167.15	
32 93 43 00-0664	EA	2-1/2" Caliper Quercus imbricaria - Shingle Oak	224.46	
32 93 43 00-0665	EA	3" Caliper Quercus imbricaria - Shingle Oak	334.30	
32 93 43 00-0666	EA	3-1/2" Caliper Quercus imbricaria - Shingle Oak	453.69	
32 93 43 00-0667	EA	1-1/2" Caliper Quercus macrocarpa - Bur Oak	124.17	
32 93 43 00-0668	EA	2" Caliper Quercus macrocarpa - Bur Oak	148.05	
32 93 43 00-0669	EA	2-1/2" Caliper Quercus macrocarpa - Bur Oak	176.70	
32 93 43 00-0670	EA	3" Caliper Quercus macrocarpa - Bur Oak	214.90	
32 93 43 00-0671	EA	3-1/2" Caliper Quercus macrocarpa - Bur Oak	262.66	
32 93 43 00-0672	EA	4" Caliper Quercus macrocarpa - Bur Oak	310.42	
32 93 43 00-0673	EA	9' Clump Form Quercus macrocarpa - Bur Oak	286.54	
32 93 43 00-0674	EA	10' Clump Form Quercus macrocarpa - Bur Oak	334.30	
32 93 43 00-0675	EA	12' Clump Form Quercus macrocarpa - Bur Oak	382.05	
32 93 43 00-0676	EA	2" Caliper Quercus palustris - Pin Oak	105.06	
32 93 43 00-0677	EA	2-1/2" Caliper Quercus palustris - Pin Oak	143.27	
32 93 43 00-0678	EA	3" Caliper Quercus palustris - Pin Oak	186.25	
32 93 43 00-0679	EA	3-1/2" Caliper Quercus palustris - Pin Oak	214.90	
32 93 43 00-0680	EA	4" Caliper Quercus palustris - Pin Oak	248.33	
32 93 43 00-0681	EA	4-1/2" Caliper Quercus palustris - Pin Oak	281.76	
32 93 43 00-0682	EA	5" Caliper Quercus palustris - Pin Oak	310.42	
32 93 43 00-0683	EA	2" Caliper Quercus robur & cvs - English Oak	124.17	
32 93 43 00-0684	EA	2-1/2" Caliper Quercus robur & cvs - English Oak	152.82	
32 93 43 00-0685	EA	3" Caliper Quercus robur & cvs - English Oak	181.47	
32 93 43 00-0686	EA	3-1/2" Caliper Quercus robur & cvs - English Oak	214.90	
32 93 43 00-0687	EA	4" Caliper Quercus robur & cvs - English Oak	248.33	
32 93 43 00-0688	EA	4-1/2" Caliper Quercus robur & cvs - English Oak	286.54	
32 93 43 00-0689	EA	5" Caliper Quercus robur & cvs - English Oak	324.74	
32 93 43 00-0690	EA	2" Caliper Quercus rubra - Red Oak	143.27	
32 93 43 00-0691	EA	2-1/2" Caliper Quercus rubra - Red Oak	167.15	
32 93 43 00-0692	EA	3" Caliper Quercus rubra - Red Oak	200.58	
32 93 43 00-0693	EA	3-1/2" Caliper Quercus rubra - Red Oak	238.78	
32 93 43 00-0694	EA	4" Caliper Quercus rubra - Red Oak	286.54	
32 93 43 00-0695	EA	4-1/2" Caliper Quercus rubra - Red Oak	334.30	
32 93 43 00-0696	EA	5" Caliper Quercus rubra - Red Oak	382.05	
32 93 43 00-0697	EA	16' Clump Form Quercus rubra - Red Oak	310.42	
32 93 43 00-0698	EA	18' Clump Form Quercus rubra - Red Oak	372.50	
32 93 43 00-0699	EA	20' Clump Form Quercus rubra - Red Oak	415.48	
32 93 43 00-0700	EA	2" Caliper Quercus shumardii - Shumard Oak	162.37	
32 93 43 00-0701	EA	2-1/2" Caliper Quercus shumardii - Shumard Oak	205.35	
32 93 43 00-0702	EA	3" Caliper Quercus shumardii - Shumard Oak	238.78	
32 93 43 00-0703	EA	3-1/2" Caliper Quercus shumardii - Shumard Oak	286.54	
32 93 43 00-0704	EA	4" Caliper Quercus shumardii - Shumard Oak	334.30	
32 93 43 00-0705	EA	4-1/2" Caliper Quercus shumardii - Shumard Oak	382.05	
32 93 43 00-0706	EA	5" Caliper Quercus shumardii - Shumard Oak	429.81	
32 93 43 00-0707	EA	2" Caliper Quercus schuettii - Swamp Bur Oak	143.27	
32 93 43 00-0708	EA	2-1/2" Caliper Quercus schuettii - Swamp Bur Oak	171.92	
32 93 43 00-0709	EA	3" Caliper Quercus schuettii - Swamp Bur Oak	214.90	
32 93 43 00-0710	EA	3-1/2" Caliper Quercus schuettii - Swamp Bur Oak	262.66	
32 93 43 00-0711	EA	4" Caliper Quercus schuettii - Swamp Bur Oak	305.64	
32 93 43 00-0712	EA	4-1/2" Caliper Quercus schuettii - Swamp Bur Oak	343.85	
32 93 43 00-0713	EA	24" Box Salix babylonica - Weeping Willow	120.71	
32 93 43 00-0714	EA	36" Box Salix babylonica - Weeping Willow	301.79	
32 93 43 00-0715	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	69.42	
32 93 43 00-0716	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	83.00	
32 93 43 00-0717	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	90.54	
32 93 43 00-0718	EA	2" Caliper Salix alba & cvs - White Willow	76.41	
32 93 43 00-0719	EA	2-1/2" Caliper Salix alba & cvs - White Willow	90.74	
32 93 43 00-0720	EA	3" Caliper Salix alba & cvs - White Willow	119.39	
32 93 43 00-0721	EA	3-1/2" Caliper Salix alba & cvs - White Willow	143.27	
32 93 43 00-0722	EA	4" Caliper Salix alba & cvs - White Willow	171.92	
32 93 43 00-0723	EA	4-1/2" Caliper Salix alba & cvs - White Willow	200.58	
32 93 43 00-0724	EA	5" Caliper Salix alba & cvs - White Willow	229.23	
32 93 43 00-0725	EA	5' Clump Form Sassafras albidum - Common Sassafras	90.74	
32 93 43 00-0726	EA	6' Clump Form Sassafras albidum - Common Sassafras	109.84	
32 93 43 00-0727	EA	7' Clump Form Sassafras albidum - Common Sassafras	138.49	
32 93 43 00-0728	EA	8' Clump Form Sassafras albidum - Common Sassafras	157.60	
32 93 43 00-0729	EA	10' Clump Form Sassafras albidum - Common Sassafras	176.70	
32 93 43 00-0730	EA	12' Clump Form Sassafras albidum - Common Sassafras	214.90	
32 93 43 00-0731	EA	14' Clump Form Sassafras albidum - Common Sassafras	262.66	
32 93 43 00-0732	EA	16' Clump Form Sassafras albidum - Common Sassafras	310.42	
32 93 43 00-0733	EA	1-3/4" Caliper Sophora japonica - Chinese Scholar	158.17	
32 93 43 00-0734	EA	2" Caliper Sophora japonica - Chinese Scholar	175.74	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0735	EA	2-1/2" Caliper Sophora japonica - Chinese Scholar	236.16	
32 93 43 00-0736	EA	3" Caliper Sophora japonica - Chinese Scholar	307.55	
32 93 43 00-0737	EA	3-1/2" Caliper Sophora japonica - Chinese Scholar	356.98	
32 93 43 00-0738	EA	10' To 12' Swietenia Mahagoni - Mahogany	84.58	
32 93 43 00-0739	EA	12' To 14' Swietenia Mahagoni - Mahogany	98.86	
32 93 43 00-0740	EA	14' To 16' Swietenia Mahagoni - Mahogany	131.81	
32 93 43 00-0741	EA	16' To 18' Swietenia Mahagoni - Mahogany	148.28	
32 93 43 00-0742	EA	2" Caliper Taxodium distichum - Common Bald Cypress	119.39	
32 93 43 00-0743	EA	2-1/2" Caliper Taxodium distichum - Common Bald Cypress	138.49	
32 93 43 00-0744	EA	3" Caliper Taxodium distichum - Common Bald Cypress	167.15	
32 93 43 00-0745	EA	3-1/2" Caliper Taxodium distichum - Common Bald Cypress	191.03	
32 93 43 00-0746	EA	4" Caliper Taxodium distichum - Common Bald Cypress	210.13	
32 93 43 00-0747	EA	6' Clump Form Taxodium distichum - Common Bald Cypress	105.06	
32 93 43 00-0748	EA	7' Clump Form Taxodium distichum - Common Bald Cypress	119.39	
32 93 43 00-0749	EA	8' Clump Form Taxodium distichum - Common Bald Cypress	171.92	
32 93 43 00-0750	EA	10' Clump Form Taxodium distichum - Common Bald Cypress	191.03	
32 93 43 00-0751	EA	12' Clump Form Taxodium distichum - Common Bald Cypress	214.90	
32 93 43 00-0752	EA	14' Clump Form Taxodium distichum - Common Bald Cypress	248.33	
32 93 43 00-0753	EA	16' Clump Form Taxodium distichum - Common Bald Cypress	286.54	
32 93 43 00-0754	EA	2' Thuja occidentalis - American Arborviatae	16.37	
32 93 43 00-0755	EA	2-1/2' Thuja occidentalis - American Arborviatae	17.68	
32 93 43 00-0756	EA	3' Thuja occidentalis - American Arborviatae	25.26	
32 93 43 00-0757	EA	4' Thuja occidentalis - American Arborviatae	34.71	
32 93 43 00-0758	EA	5' Thuja occidentalis - American Arborviatae	48.33	
32 93 43 00-0759	EA	6' Thuja occidentalis - American Arborviatae	67.00	
32 93 43 00-0760	EA	7' Thuja occidentalis - American Arborviatae	81.28	
32 93 43 00-0761	EA	8' Thuja occidentalis - American Arborviatae	114.23	
32 93 43 00-0762	EA	2" Caliper Tilia americana & cvs - American Linden Basswood	119.39	
32 93 43 00-0763	EA	2-1/2" Caliper Tilia americana & cvs - American Linden Basswood	138.49	
32 93 43 00-0764	EA	3" Caliper Tilia americana & cvs - American Linden Basswood	176.70	
32 93 43 00-0765	EA	3-1/2" Caliper Tilia americana & cvs - American Linden Basswood	205.35	
32 93 43 00-0766	EA	4" Caliper Tilia americana & cvs - American Linden; Basswood	234.01	
32 93 43 00-0767	EA	4-1/2" Caliper Tilia americana & cvs - American Linden Basswood	262.66	
32 93 43 00-0768	EA	5" Caliper Tilia americana & cvs - American Linden Basswood	286.54	
32 93 43 00-0769	EA	10' Clump Form Tilia americana & cvs - American Linden Basswood	152.82	
32 93 43 00-0770	EA	12' Clump Form Tilia americana & cvs - American Linden Basswood	167.15	
32 93 43 00-0771	EA	14' Clump Form Tilia americana & cvs - American Linden Basswood	191.03	
32 93 43 00-0772	EA	16' Clump Form Tilia americana & cvs - American Linden Basswood	219.68	
32 93 43 00-0773	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	120.11	
32 93 43 00-0774	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	145.08	
32 93 43 00-0775	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	167.15	
32 93 43 00-0776	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	205.35	
32 93 43 00-0777	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	234.01	
32 93 43 00-0778	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	262.66	
32 93 43 00-0779	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	291.31	
32 93 43 00-0780	EA	2" Caliper Tilia tomentosa & cvs - Silver Linden	133.72	
32 93 43 00-0781	EA	2-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	148.05	
32 93 43 00-0782	EA	3" Caliper Tilia tomentosa & cvs - Silver Linden	162.37	
32 93 43 00-0783	EA	3-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	181.47	
32 93 43 00-0784	EA	4" Caliper Tilia tomentosa & cvs - Silver Linden	210.13	
32 93 43 00-0785	EA	4-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	248.33	
32 93 43 00-0786	EA	5" Caliper Tilia tomentosa & cvs - Silver Linden	324.74	
32 93 43 00-0787	EA	2" Caliper Tilia x euchlora - Crimean Linden	133.72	
32 93 43 00-0788	EA	2-1/2" Caliper Tilia x euchlora - Crimean Linden	171.92	
32 93 43 00-0789	EA	3" Caliper Tilia x euchlora - Crimean Linden	210.13	
32 93 43 00-0790	EA	3-1/2" Caliper Tilia x euchlora - Crimean Linden	238.78	
32 93 43 00-0791	EA	4" Caliper Tilia x euchlora - Crimean Linden	267.44	
32 93 43 00-0792	EA	4-1/2" Caliper Tilia x euchlora - Crimean Linden	300.87	
32 93 43 00-0793	EA	5" Caliper Tilia x euchlora - Crimean Linden	324.74	
32 93 43 00-0794	EA	2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	133.72	
32 93 43 00-0795	EA	2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	152.82	
32 93 43 00-0796	EA	3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	167.15	
32 93 43 00-0797	EA	3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	181.47	
32 93 43 00-0798	EA	4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	200.58	
32 93 43 00-0799	EA	4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	238.78	
32 93 43 00-0800	EA	5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	281.76	
32 93 43 00-0801	EA	2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	152.82	
32 93 43 00-0802	EA	2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	167.15	
32 93 43 00-0803	EA	3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	181.47	
32 93 43 00-0804	EA	3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	200.58	
32 93 43 00-0805	EA	4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	238.78	
32 93 43 00-0806	EA	4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	281.76	
32 93 43 00-0807	EA	5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	324.74	
32 93 43 00-0808	EA	2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	152.82	
32 93 43 00-0809	EA	2-1/2" Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm	167.15	
32 93 43 00-0810	EA	3" Caliper Ulmus x `Regal' - Regal Hybrid Elm	181.47	
32 93 43 00-0811	EA	3-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	200.58	
32 93 43 00-0812	EA	4" Caliper Ulmus x `Regal' - Regal Hybrid Elm	238.78	
32 93 43 00-0813	EA	4-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	281.76	
32 93 43 00-0814	EA	5" Caliper Ulmus x `Regal' - Regal Hybrid Elm	324.74	
32 93 43 00-0815	EA	1-1/2" To 2" Caliper Zelkova serrata - Japanese Keaki Tree	73.91	
32 93 43 00-0816	EA	2" To 2-1/2" Caliper Zelkova serrata - Japanese Keaki Tree	90.54	
32 93 43 00-0817	EA	2-1/2' To 3" Caliper Zelkova serrata - Japanese Keaki Tree	114.71	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0818		**Evergreen Trees** *(32 93 43)* Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.		
32 93 43 00-0819	EA	6' Abies balsamea - Balsam Fir	62.46	
32 93 43 00-0820	EA	7' Abies balsamea - Balsam Fir	78.08	
32 93 43 00-0821	EA	8' Abies balsamea - Balsam Fir	93.69	
32 93 43 00-0822	EA	9' Abies balsamea - Balsam Fir	124.92	
32 93 43 00-0823	EA	10' Abies balsamea - Balsam Fir	156.15	
32 93 43 00-0824	EA	12' Abies balsamea - Balsam Fir	187.38	
32 93 43 00-0825	EA	6' Abies concolor - White Fir	90.57	
32 93 43 00-0826	EA	7' Abies concolor - White Fir	103.06	
32 93 43 00-0827	EA	8' Abies concolor - White Fir	121.80	
32 93 43 00-0828	EA	9' Abies concolor - White Fir	140.54	
32 93 43 00-0829	EA	10' Abies concolor - White Fir	165.52	
32 93 43 00-0830	EA	12' Abies concolor - White Fir	203.00	
32 93 43 00-0831	EA	14' Abies concolor - White Fir	249.84	
32 93 43 00-0832	EA	16' Abies concolor - White Fir	281.07	
32 93 43 00-0833	EA	6' Abies fraseri - Frasier Fir	62.46	
32 93 43 00-0834	EA	7' Abies fraseri - Frasier Fir	78.08	
32 93 43 00-0835	EA	8' Abies fraseri - Frasier Fir	93.69	
32 93 43 00-0836	EA	9' Abies fraseri - Frasier Fir	124.92	
32 93 43 00-0837	EA	10' Abies fraseri - Frasier Fir	156.15	
32 93 43 00-0838	EA	12' Abies fraseri - Frasier Fir	187.38	
32 93 43 00-0839	EA	2' To 3' Cedrus atlantica - Blue Atlas Cedar	11.25	
32 93 43 00-0840	EA	3' To 4' Cedrus atlantica - Blue Atlas Cedar	18.08	
32 93 43 00-0841	EA	4' To 5' Cedrus atlantica - Blue Atlas Cedar	26.87	
32 93 43 00-0842	EA	5' To 6' Cedrus atlantica - Blue Atlas Cedar	36.15	
32 93 43 00-0843	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar	51.32	
32 93 43 00-0844	EA	6' To 8' Cedrus deodara - Indian Cedar	46.43	
32 93 43 00-0845	EA	8' To 10' Cedrus deodara - Indian Cedar	53.76	
32 93 43 00-0846	EA	10' To 12' Cedrus deodara - Indian Cedar	73.30	
32 93 43 00-0847	EA	12' To 14' Cedrus deodara - Indian Cedar	95.28	
32 93 43 00-0848	EA	14' To 16' Cedrus deodara - Indian Cedar	122.18	
32 93 43 00-0849	EA	15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress	14.51	
32 93 43 00-0850	EA	18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress	21.77	
32 93 43 00-0851	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress	33.87	
32 93 43 00-0852	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress	58.06	
32 93 43 00-0853	EA	4' To 5' Chamaecyparis pisifera - Sawara Cypress	17.59	
32 93 43 00-0854	EA	5' To 6' Chamaecyparis pisifera - Sawara Cypress	27.38	
32 93 43 00-0855	EA	6' To 7' Chamaecyparis pisifera - Sawara Cypress	34.20	
32 93 43 00-0856	EA	7' To 8' Chamaecyparis pisifera - Sawara Cypress	48.88	
32 93 43 00-0857	EA	1 Gallon Cleyera japonica - Japanese Cleyera	1.98	
32 93 43 00-0858	EA	3 Gallon Cleyera japonica - Japanese Cleyera	4.97	
32 93 43 00-0859	EA	7 Gallon Cleyera japonica - Japanese Cleyera	14.23	
32 93 43 00-0860	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress	7.99	
32 93 43 00-0861	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress	31.94	
32 93 43 00-0862	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress	13.97	
32 93 43 00-0863	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress	17.97	
32 93 43 00-0864	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress	27.95	
32 93 43 00-0865	EA	24" Box Cupressocyparis leylandii - Leyland Cypress	67.88	
32 93 43 00-0866	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress	1.46	
32 93 43 00-0867	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress	6.55	
32 93 43 00-0868	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress	21.84	
32 93 43 00-0869	EA	5 Gallon Cupressus sempervirens - Italian Cypress	7.52	
32 93 43 00-0870	EA	15 Gallon Cupressus sempervirens - Italian Cypress	20.67	
32 93 43 00-0871	EA	1 Gallon Illicium anisatum - Anise Tree	2.15	
32 93 43 00-0872	EA	3 Gallon Illicium anisatum - Anise Tree	4.97	
32 93 43 00-0873	EA	1 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	2.21	
32 93 43 00-0874	EA	2 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	4.32	
32 93 43 00-0875	EA	3 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	5.35	
32 93 43 00-0876	EA	5 Gallon Juniperus horizontalis "Bar Harbor' - Bar Harbor Juniper	6.29	
32 93 43 00-0877	EA	1 Gallon Juniperus - Blue Sargent Juniper	2.21	
32 93 43 00-0878	EA	2 Gallon Juniperus - Blue Sargent Juniper	4.32	
32 93 43 00-0879	EA	3 Gallon Juniperus - Blue Sargent Juniper	5.35	
32 93 43 00-0880	EA	5 Gallon Juniperus - Blue Sargent Juniper	6.29	
32 93 43 00-0881	EA	5 Gallon Juniperus - Compact Pfitzer Juniper	6.29	
32 93 43 00-0882	EA	15" To 18" Juniperus - Compact Pfitzer Juniper	6.81	
32 93 43 00-0883	EA	18" To 24" Juniperus - Compact Pfitzer Juniper	8.22	
32 93 43 00-0884	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper	12.21	
32 93 43 00-0885	EA	2-1/2' To 3' Juniperus - Compact Pfitzer Juniper	14.14	
32 93 43 00-0886	EA	5' To 6' Juniperus - Fairview Juniper	21.06	
32 93 43 00-0887	EA	1 Gallon Juniperus - Hollywood Juniper	2.82	
32 93 43 00-0888	EA	5 Gallon Juniperus - Hollywood Juniper	7.84	
32 93 43 00-0889	EA	15 Gallon Juniperus - Hollywood Juniper	33.26	
32 93 43 00-0890	EA	4' To 5' Juniperus - Hollywood Juniper	21.98	
32 93 43 00-0891	EA	5' To 6' Juniperus - Hollywood Juniper	28.32	
32 93 43 00-0892	EA	1 Gallon Juniperus - Parson's Juniper	2.21	
32 93 43 00-0893	EA	2 Gallon Juniperus - Parson's Juniper	4.37	
32 93 43 00-0894	EA	3 Gallon Juniperus - Parson's Juniper	5.40	
32 93 43 00-0895	EA	5 Gallon Juniperus - Parson's Juniper	6.39	
32 93 43 00-0896	EA	5 Gallon Juniperus - Skyrocket Juniper	7.89	
32 93 43 00-0897	EA	15 Gallon Juniperus - Skyrocket Juniper	33.59	
32 93 43 00-0898	EA	2' To 3' Juniperus - Skyrocket Juniper	11.84	
32 93 43 00-0899	EA	3' To 4' Juniperus - Skyrocket Juniper	16.77	
32 93 43 00-0900	EA	4' To 5' Juniperus - Skyrocket Juniper	22.22	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0901	EA	5' To 6' Juniperus - Skyrocket Juniper	28.65	
32 93 43 00-0902	EA	6' To 8' Juniperus - Skyrocket Juniper	37.01	
32 93 43 00-0903	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	2.21	
32 93 43 00-0904	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	4.35	
32 93 43 00-0905	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	5.33	
32 93 43 00-0906	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	6.32	
32 93 43 00-0907	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	2.21	
32 93 43 00-0908	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	4.35	
32 93 43 00-0909	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	5.33	
32 93 43 00-0910	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper	6.32	
32 93 43 00-0911	EA	2' To 3' Juniperus virginiana - Eastern Red Cedar	11.84	
32 93 43 00-0912	EA	3' To 4' Juniperus virginiana - Eastern Red Cedar	16.77	
32 93 43 00-0913	EA	4' To 5' Juniperus virginiana - Eastern Red Cedar	22.22	
32 93 43 00-0914	EA	5' To 6' Juniperus virginiana - Eastern Red Cedar	28.65	
32 93 43 00-0915	EA	5' Picea abies & cvs - Norway Spruce	68.71	
32 93 43 00-0916	EA	6' Picea abies & cvs - Norway Spruce	78.08	
32 93 43 00-0917	EA	7' Picea abies & cvs - Norway Spruce	93.69	
32 93 43 00-0918	EA	8' Picea abies & cvs - Norway Spruce	109.31	
32 93 43 00-0919	EA	9' Picea abies & cvs - Norway Spruce	146.78	
32 93 43 00-0920	EA	10' Picea abies & cvs - Norway Spruce	178.01	
32 93 43 00-0921	EA	12' Picea abies & cvs - Norway Spruce	218.61	
32 93 43 00-0922	EA	14' Picea abies & cvs - Norway Spruce	265.46	
32 93 43 00-0923	EA	6' Picea glauca - White Spruce	65.58	
32 93 43 00-0924	EA	7' Picea glauca - White Spruce	93.69	
32 93 43 00-0925	EA	8' Picea glauca - White Spruce	109.31	
32 93 43 00-0926	EA	9' Picea glauca - White Spruce	131.17	
32 93 43 00-0927	EA	10' Picea glauca - White Spruce	156.15	
32 93 43 00-0928	EA	12' Picea glauca - White Spruce	187.38	
32 93 43 00-0929	EA	4' Picea glauca densata - Black Hills Spruce	37.48	
32 93 43 00-0930	EA	5' Picea glauca densata - Black Hills Spruce	56.21	
32 93 43 00-0931	EA	6' Picea glauca densata - Black Hills Spruce	84.32	
32 93 43 00-0932	EA	7' Picea glauca densata - Black Hills Spruce	99.94	
32 93 43 00-0933	EA	8' Picea glauca densata - Black Hills Spruce	115.55	
32 93 43 00-0934	EA	9' Picea glauca densata - Black Hills Spruce	128.04	
32 93 43 00-0935	EA	10' Picea glauca densata - Black Hills Spruce	140.54	
32 93 43 00-0936	EA	6' Picea omorika & cvs - Serbian Spruce	84.32	
32 93 43 00-0937	EA	7' Picea omorika & cvs - Serbian Spruce	93.69	
32 93 43 00-0938	EA	8' Picea omorika & cvs - Serbian Spruce	112.43	
32 93 43 00-0939	EA	9' Picea omorika & cvs - Serbian Spruce	131.17	
32 93 43 00-0940	EA	10' Picea omorika & cvs - Serbian Spruce	149.91	
32 93 43 00-0941	EA	5' Picea pungens - Colorado Green Spruce	68.71	
32 93 43 00-0942	EA	6' Picea pungens - Colorado Green Spruce	87.45	
32 93 43 00-0943	EA	7' Picea pungens - Colorado Green Spruce	103.06	
32 93 43 00-0944	EA	8' Picea pungens - Colorado Green Spruce	118.68	
32 93 43 00-0945	EA	9' Picea pungens - Colorado Green Spruce	137.41	
32 93 43 00-0946	EA	10' Picea pungens - Colorado Green Spruce	259.21	
32 93 43 00-0947	EA	12' Picea pungens - Colorado Green Spruce	187.38	
32 93 43 00-0948	EA	14' Picea pungens - Colorado Green Spruce	218.61	
32 93 43 00-0949	EA	16' Picea pungens - Colorado Green Spruce	281.07	
32 93 43 00-0950	EA	5' Picea pungens glauca & cvs - Colorado Blue Spruce	68.71	
32 93 43 00-0951	EA	6' Picea pungens glauca & cvs - Colorado Blue Spruce	93.69	
32 93 43 00-0952	EA	7' Picea pungens glauca & cvs - Colorado Blue Spruce	109.31	
32 93 43 00-0953	EA	8' Picea pungens glauca & cvs - Colorado Blue Spruce	124.92	
32 93 43 00-0954	EA	9' Picea pungens glauca & cvs - Colorado Blue Spruce	140.54	
32 93 43 00-0955	EA	10' Picea pungens glauca & cvs - Colorado Blue Spruce	171.77	
32 93 43 00-0956	EA	12' Picea pungens glauca & cvs - Colorado Blue Spruce	218.61	
32 93 43 00-0957	EA	16' Picea pungens glauca & cvs - Colorado Blue Spruce	327.92	
32 93 43 00-0958	EA	4' Pinus cembra - Swiss Stone Pine	53.09	
32 93 43 00-0959	EA	5' Pinus cembra - Swiss Stone Pine	65.58	
32 93 43 00-0960	EA	6' Pinus cembra - Swiss Stone Pine	81.20	
32 93 43 00-0961	EA	6' Pinus flexilis & cvs - Limber Pine	78.08	
32 93 43 00-0962	EA	7' Pinus flexilis & cvs - Limber Pine	90.57	
32 93 43 00-0963	EA	8' Pinus flexilis & cvs - Limber Pine	112.43	
32 93 43 00-0964	EA	9' Pinus flexilis & cvs - Limber Pine	137.41	
32 93 43 00-0965	EA	10' Pinus flexilis & cvs - Limber Pine	156.15	
32 93 43 00-0966	EA	1 Gallon Pinus mugo - Mugho Pine	2.91	
32 93 43 00-0967	EA	2 Gallon Pinus mugo - Mugho Pine	6.15	
32 93 43 00-0968	EA	3 Gallon Pinus mugo - Mugho Pine	7.70	
32 93 43 00-0969	EA	5 Gallon Pinus mugo - Mugho Pine	9.77	
32 93 43 00-0970	EA	12" To 15" Spread Pinus mugo - Mugho Pine	7.56	
32 93 43 00-0971	EA	15" To 18" Spread Pinus mugo - Mugho Pine	9.02	
32 93 43 00-0972	EA	18" To 24" Spread Pinus mugo - Mugho Pine	12.21	
32 93 43 00-0973	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	17.10	
32 93 43 00-0974	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	21.98	
32 93 43 00-0975	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	27.38	
32 93 43 00-0976	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	33.26	
32 93 43 00-0977	EA	6' Pinus nigra - Austrian Pine	78.08	
32 93 43 00-0978	EA	7' Pinus nigra - Austrian Pine	93.69	
32 93 43 00-0979	EA	8' Pinus nigra - Austrian Pine	121.80	
32 93 43 00-0980	EA	9' Pinus nigra - Austrian Pine	140.54	
32 93 43 00-0981	EA	10' Pinus nigra - Austrian Pine	165.52	
32 93 43 00-0982	EA	12' Pinus nigra - Austrian Pine	187.38	
32 93 43 00-0983	EA	14' Pinus nigra - Austrian Pine	209.24	
32 93 43 00-0984	EA	16' Pinus nigra - Austrian Pine	237.35	
32 93 43 00-0985	EA	5' Pinus peuce - Macedonian Pine	96.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0986	EA	6' Pinus peuce - Macedonian Pine	121.80	
32 93 43 00-0987	EA	7' Pinus peuce - Macedonian Pine	140.54	
32 93 43 00-0988	EA	8' Pinus peuce - Macedonian Pine	159.28	
32 93 43 00-0989	EA	9' Pinus peuce - Macedonian Pine	184.26	
32 93 43 00-0990	EA	2' Pinus strobus - Pyramidal White Pine	8.65	
32 93 43 00-0991	EA	3' Pinus strobus - Pyramidal White Pine	11.56	
32 93 43 00-0992	EA	4' Pinus strobus - Pyramidal White Pine	12.75	
32 93 43 00-0993	EA	5' Pinus strobus - Pyramidal White Pine	13.94	
32 93 43 00-0994	EA	6' Pinus strobus - Pyramidal White Pine	17.37	
32 93 43 00-0995	EA	7' Pinus strobus - Pyramidal White Pine	23.11	
32 93 43 00-0996	EA	8' Pinus strobus - Pyramidal White Pine	31.76	
32 93 43 00-0997	EA	10' Pinus strobus - Pyramidal White Pine	63.38	
32 93 43 00-0998	EA	12' Pinus strobus - Pyramidal White Pine	150.61	
32 93 43 00-0999	EA	14' Pinus strobus - Pyramidal White Pine	202.06	
32 93 43 00-1000	EA	16' Pinus strobus - Pyramidal White Pine	243.06	
32 93 43 00-1001	EA	2' Pinus strobus - White Pine	13.29	
32 93 43 00-1002	EA	3' Pinus strobus - White Pine	18.96	
32 93 43 00-1003	EA	4' Pinus strobus - White Pine	30.24	
32 93 43 00-1004	EA	5' Pinus strobus - White Pine	43.10	
32 93 43 00-1005	EA	6' Pinus strobus - White Pine	63.21	
32 93 43 00-1006	EA	7' Pinus strobus - White Pine	75.42	
32 93 43 00-1007	EA	8' Pinus strobus - White Pine	102.00	
32 93 43 00-1008	EA	10' Pinus strobus - White Pine	137.20	
32 93 43 00-1009	EA	12' Pinus strobus - White Pine	181.73	
32 93 43 00-1010	EA	14' Pinus strobus - White Pine	222.67	
32 93 43 00-1011	EA	16' Pinus strobus - White Pine	270.80	
32 93 43 00-1012	EA	3' Pinus sylvestris - Scotch Pine	20.52	
32 93 43 00-1013	EA	4' Pinus sylvestris - Scotch Pine	28.48	
32 93 43 00-1014	EA	5' Pinus sylvestris - Scotch Pine	39.98	
32 93 43 00-1015	EA	6' Pinus sylvestris - Scotch Pine	55.47	
32 93 43 00-1016	EA	7' Pinus sylvestris - Scotch Pine	67.96	
32 93 43 00-1017	EA	8' Pinus sylvestris - Scotch Pine	95.94	
32 93 43 00-1018	EA	9' Pinus sylvestris - Scotch Pine	121.80	
32 93 43 00-1019	EA	10' Pinus sylvestris - Scotch Pine	140.54	
32 93 43 00-1020	EA	12' Pinus sylvestris - Scotch Pine	165.52	
32 93 43 00-1021	EA	14' Pinus sylvestris - Scotch Pine	187.38	
32 93 43 00-1022	EA	16' Pinus sylvestris - Scotch Pine	218.61	
32 93 43 00-1023	EA	5' To 6' Pinus taeda - Loblolly Pine	8.93	
32 93 43 00-1024	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	2.21	
32 93 43 00-1025	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	7.84	
32 93 43 00-1026	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	25.41	
32 93 43 00-1027	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	10.76	
32 93 43 00-1028	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	13.67	
32 93 43 00-1029	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	20.53	
32 93 43 00-1030	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	40.07	
32 93 43 00-1031	EA	6' To 7' Pinus thunbergiana - Japanese Black Pine	44.95	
32 93 43 00-1032	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	56.18	
32 93 43 00-1033	EA	1 Gallon Podocarpus - Chinese Podocarpus	1.46	
32 93 43 00-1034	EA	3 Gallon Podocarpus - Chinese Podocarpus	3.38	
32 93 43 00-1035	EA	7 Gallon Podocarpus - Chinese Podocarpus	9.77	
32 93 43 00-1036	EA	15 Gallon Podocarpus - Chinese Podocarpus	15.88	
32 93 43 00-1037	EA	4' To 5' Podocarpus - Chinese Podocarpus	24.43	
32 93 43 00-1038	EA	5' Pseudotsuga menziesii - Douglas Fir	62.46	
32 93 43 00-1039	EA	6' Pseudotsuga menziesii - Douglas Fir	74.95	
32 93 43 00-1040	EA	7' Pseudotsuga menziesii - Douglas Fir	93.69	
32 93 43 00-1041	EA	8' Pseudotsuga menziesii - Douglas Fir	112.43	
32 93 43 00-1042	EA	9' Pseudotsuga menziesii - Douglas Fir	140.54	
32 93 43 00-1043	EA	10' Pseudotsuga menziesii - Douglas Fir	165.52	
32 93 43 00-1044	EA	12' Pseudotsuga menziesii - Douglas Fir	187.38	
32 93 43 00-1045	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	30.53	
32 93 43 00-1046	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	41.22	
32 93 43 00-1047	EA	8' To 10' Sequoia sempervirens - Dawn Redwood	50.38	
32 93 43 00-1048	EA	5' To 6' Taxodium distichum & cvs - Bald Cypress	21.70	
32 93 43 00-1049	EA	6' To 7' Taxodium distichum & cvs - Bald Cypress	27.13	
32 93 43 00-1050	EA	7' To 8' Taxodium distichum & cvs - Bald Cypress	33.54	
32 93 43 00-1051	EA	8' To 10' Taxodium distichum & cvs - Bald Cypress	42.44	
32 93 43 00-1052	EA	6' Tsuga canadensis - Northern Hemlock	62.46	
32 93 43 00-1053	EA	7' Tsuga canadensis - Northern Hemlock	78.08	
32 93 43 00-1054	EA	8' Tsuga canadensis - Northern Hemlock	106.18	
32 93 43 00-1055	EA	9' Tsuga canadensis - Northern Hemlock	124.92	
32 93 43 00-1056	EA	10' Tsuga canadensis - Northern Hemlock	140.54	
32 93 43 00-1057	EA	12' Tsuga canadensis - Northern Hemlock	156.15	
32 93 43 00-1058	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae	5.89	
32 93 43 00-1059	EA	3' To 4' Thuja occidentalis ' Woodwadrii' - Woodward Arborvitae	39.48	

32 93 43 00-1060 Palm And Subtropical Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-1061	EA	4' To 5' Archontophoenix cunninghamiana - King Palm	91.19	
32 93 43 00-1062	EA	6' To 8' Archontophoenix cunninghamiana - King Palm	141.85	
32 93 43 00-1063	EA	8' To 10' Archontophoenix cunninghamiana - King Palm	182.38	
32 93 43 00-1064	EA	10' To 12' Archontophoenix cunninghamiana - King Palm	243.17	
32 93 43 00-1065	EA	4' To 5' Arecastrum romanzoffianum - Queen Palm	69.08	
32 93 43 00-1066	EA	6' To 8' Arecastrum romanzoffianum - Queen Palm	96.72	
32 93 43 00-1067	EA	8' To 10' Arecastrum romanzoffianum - Queen Palm	124.35	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-1068	EA	10' To 12' Arecastrum romanzoffianum - Queen Palm	151.98	
32 93 43 00-1069	EA	12' To 14' Arecastrum romanzoffianum - Queen Palm	184.22	
32 93 43 00-1070	EA	14' To 16' Arecastrum romanzoffianum - Queen Palm	230.28	
32 93 43 00-1071	EA	3' To 4' Chamaedorea radicalis - Dwarf Bamboo Palm	193.43	
32 93 43 00-1072	EA	5' To 6' Chamaedorea radicalis - Dwarf Bamboo Palm	303.96	
32 93 43 00-1073	EA	3' To 4' Chamaerops humilis - European Fan Palm	165.80	
32 93 43 00-1074	EA	5' To 6' Chamaerops humilis - European Fan Palm	221.06	
32 93 43 00-1075	EA	7' To 8' Chamaerops humilis - European Fan Palm	515.82	
32 93 43 00-1076	EA	9' To 10' Chamaerops humilis - European Fan Palm	884.26	
32 93 43 00-1077	EA	6' To 7' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	128.95	
32 93 43 00-1078	EA	8' To 10' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	257.91	
32 93 43 00-1079	EA	10' To 12' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	331.60	
32 93 43 00-1080	EA	12' To 14' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut	460.55	
32 93 43 00-1081	EA	12' To 16' Cocos nucifera - Coconut Palm	388.47	
32 93 43 00-1082	EA	4' To 5' Rhapis excelsa - Lady Palm	350.02	
32 93 43 00-1083	EA	6' To 7' Rhapis excelsa - Lady Palm	497.39	
32 93 43 00-1084	EA	8' To 9' Roystonea regia - Royal Palm	281.86	
32 93 43 00-1085	EA	10' To 11' Roystonea regia - Royal Palm	344.49	
32 93 43 00-1086	EA	12' To 13' Roystonea regia - Royal Palm	407.13	
32 93 43 00-1087	EA	14' To 15' Roystonea regia - Royal Palm	469.76	
32 93 43 00-1088	EA	16' To 17' Roystonea regia - Royal Palm	532.40	
32 93 43 00-1089	EA	18' To 19' Roystonea regia - Royal Palm	595.03	
32 93 43 00-1090	EA	20' To 21' Roystonea regia - Royal Palm	657.67	
32 93 43 00-1091	EA	10' To 16' Sabal palmetto - Cabbage Palm	142.44	
32 93 43 00-1092	EA	6' To 7' Thrinax morrisii - Key Thatch Palm	386.86	
32 93 43 00-1093	EA	8' To 9' Thrinax morrisii - Key Thatch Palm	497.39	
32 93 43 00-1094	EA	10' To 11' Thrinax morrisii - Key Thatch Palm	607.93	

32 93 83 Planting Of Trees, Shrubs And Ground Cover *(32 93)*

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 83 00-0001 Planting Trees *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting	1.10
32 93 83 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting	1.77
32 93 83 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting	2.22
32 93 83 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting	3.54
32 93 83 00-0006	EA	1 Gallon Container Tree Planting	17.70
		For >10 To 25, Deduct	*-0.89*
		For >25 To 50, Deduct	*-2.21*
		For >50 To 100, Deduct	*-3.54*
		For >100, Deduct	*-5.31*
32 93 83 00-0007	EA	2 Gallon Container Tree Planting	24.79
		For >10 To 25, Deduct	*-1.24*
		For >25 To 50, Deduct	*-3.10*
		For >50 To 100, Deduct	*-4.96*
		For >100, Deduct	*-7.44*
32 93 83 00-0008	EA	3 Gallon Container Tree Planting	31.87
		For >10 To 25, Deduct	*-1.59*
		For >25 To 50, Deduct	*-3.98*
		For >50 To 100, Deduct	*-6.37*
		For >100, Deduct	*-9.56*
32 93 83 00-0009	EA	5 Gallon Container Tree Planting	53.11
		For >10 To 25, Deduct	*-2.66*
		For >25 To 50, Deduct	*-6.64*
		For >50 To 100, Deduct	*-10.62*
		For >100, Deduct	*-15.93*
32 93 83 00-0010	EA	7 Gallon Container Tree Planting	70.82
		For >10 To 25, Deduct	*-3.54*
		For >25 To 50, Deduct	*-8.85*
		For >50 To 100, Deduct	*-14.16*
		For >100, Deduct	*-21.25*
32 93 83 00-0011	EA	10 Gallon Container Tree Planting	92.06
		For >10 To 25, Deduct	*-4.60*
		For >25 To 50, Deduct	*-11.51*
		For >50 To 100, Deduct	*-18.41*
		For >100, Deduct	*-27.62*
32 93 83 00-0012	EA	15 Gallon Container Tree Planting	131.01
		For >10 To 25, Deduct	*-6.55*
		For >25 To 50, Deduct	*-16.38*
		For >50 To 100, Deduct	*-26.20*
		For >100, Deduct	*-39.30*
32 93 83 00-0013	EA	20 Gallon Container Tree Planting	215.99
		For >10 To 25, Deduct	*-10.80*
		For >25 To 50, Deduct	*-27.00*
		For >50 To 100, Deduct	*-43.20*
		For >100, Deduct	*-64.80*
32 93 83 00-0014	EA	25 Gallon Container Tree Planting	279.73
		For >10 To 25, Deduct	*-13.99*
		For >25 To 50, Deduct	*-34.97*
		For >50 To 100, Deduct	*-55.95*
		For >100, Deduct	*-83.92*
32 93 83 00-0015	EA	30 Gallon Container Tree Planting	336.38
		For >10 To 25, Deduct	*-16.82*
		For >25 To 50, Deduct	*-42.05*
		For >50 To 100, Deduct	*-67.28*
		For >100, Deduct	*-100.91*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0016	EA	45 Gallon Container Tree Planting	417.82	
		For >10 To 25, Deduct	*-20.89*	
		For >25 To 50, Deduct	*-52.23*	
		For >50 To 100, Deduct	*-83.56*	
		For >100, Deduct	*-125.35*	
32 93 83 00-0017	EA	65 Gallon Container Tree Planting	495.72	
		For >10 To 25, Deduct	*-24.79*	
		For >25 To 50, Deduct	*-61.97*	
		For >50 To 100, Deduct	*-99.14*	
		For >100, Deduct	*-148.72*	
32 93 83 00-0018	EA	6' Balled And Burlapped Tree Planting	177.04	
		For >10 To 25, Deduct	*-8.85*	
		For >25 To 50, Deduct	*-22.13*	
		For >50 To 100, Deduct	*-35.41*	
		For >100, Deduct	*-53.11*	
32 93 83 00-0019	EA	7' Balled And Burlapped Tree Planting	235.83	
		For >10 To 25, Deduct	*-11.79*	
		For >25 To 50, Deduct	*-29.48*	
		For >50 To 100, Deduct	*-47.17*	
		For >100, Deduct	*-70.75*	
32 93 83 00-0020	EA	8' Balled And Burlapped Tree Planting	265.57	
		For >10 To 25, Deduct	*-13.28*	
		For >25 To 50, Deduct	*-33.20*	
		For >50 To 100, Deduct	*-53.11*	
		For >100, Deduct	*-79.67*	
32 93 83 00-0021	EA	10' Balled And Burlapped Tree Planting	309.82	
		For >10 To 25, Deduct	*-15.49*	
		For >25 To 50, Deduct	*-38.73*	
		For >50 To 100, Deduct	*-61.96*	
		For >100, Deduct	*-92.95*	
32 93 83 00-0022	EA	12' Balled And Burlapped Tree Planting	414.28	
		For >10 To 25, Deduct	*-20.71*	
		For >25 To 50, Deduct	*-51.79*	
		For >50 To 100, Deduct	*-82.86*	
		For >100, Deduct	*-124.28*	
32 93 83 00-0023	EA	14' Balled And Burlapped Tree Planting	474.48	
		For >10 To 25, Deduct	*-23.72*	
		For >25 To 50, Deduct	*-59.31*	
		For >50 To 100, Deduct	*-94.90*	
		For >100, Deduct	*-142.34*	
32 93 83 00-0024	EA	16' Balled And Burlapped Tree Planting	575.39	
		For >10 To 25, Deduct	*-28.77*	
		For >25 To 50, Deduct	*-71.92*	
		For >50 To 100, Deduct	*-115.08*	
		For >100, Deduct	*-172.62*	
32 93 83 00-0025	EA	18' Balled And Burlapped Tree Planting	690.47	
		For >10 To 25, Deduct	*-34.52*	
		For >25 To 50, Deduct	*-86.31*	
		For >50 To 100, Deduct	*-138.09*	
		For >100, Deduct	*-207.14*	
32 93 83 00-0026	EA	20' Balled And Burlapped Tree Planting	796.70	
		For >10 To 25, Deduct	*-39.84*	
		For >25 To 50, Deduct	*-99.59*	
		For >50 To 100, Deduct	*-159.34*	
		For >100, Deduct	*-239.01*	
32 93 83 00-0027	EA	1-1/2" Caliper Balled And Burlapped Tree Planting	265.57	
		For >10 To 25, Deduct	*-13.28*	
		For >25 To 50, Deduct	*-33.20*	
		For >50 To 100, Deduct	*-53.11*	
		For >100, Deduct	*-79.67*	
32 93 83 00-0028	EA	2" Caliper Balled And Burlapped Tree Planting	309.82	
		For >10 To 25, Deduct	*-15.49*	
		For >25 To 50, Deduct	*-38.73*	
		For >50 To 100, Deduct	*-61.96*	
		For >100, Deduct	*-92.95*	
32 93 83 00-0029	EA	2-1/2" Caliper Balled And Burlapped Tree Planting	416.05	
		For >10 To 25, Deduct	*-20.80*	
		For >25 To 50, Deduct	*-52.01*	
		For >50 To 100, Deduct	*-83.21*	
		For >100, Deduct	*-124.82*	
32 93 83 00-0030	EA	3" Caliper Balled And Burlapped Tree Planting	478.02	
		For >10 To 25, Deduct	*-23.90*	
		For >25 To 50, Deduct	*-59.75*	
		For >50 To 100, Deduct	*-95.60*	
		For >100, Deduct	*-143.41*	
32 93 83 00-0031	EA	3-1/2" Caliper Balled And Burlapped Tree Planting	531.13	
		For >10 To 25, Deduct	*-26.56*	
		For >25 To 50, Deduct	*-66.39*	
		For >50 To 100, Deduct	*-106.23*	
		For >100, Deduct	*-159.34*	
32 93 83 00-0032	EA	4" Caliper Balled And Burlapped Tree Planting	609.03	
		For >10 To 25, Deduct	*-30.45*	
		For >25 To 50, Deduct	*-76.13*	
		For >50 To 100, Deduct	*-121.81*	
		For >100, Deduct	*-182.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 93 83 00-0033 Tree Pits *(32 93 83)*

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 83 00-0034	EA	2' x 1-1/4' Deep Tree Pit	108.47	
32 93 83 00-0035	EA	2' x 2-1/2' Deep Tree Pit	162.67	
32 93 83 00-0036	EA	2-1/2' x 1-1/2' Deep Tree Pit	208.97	
32 93 83 00-0037	EA	2-1/2' x 3' Deep Tree Pit	313.41	
32 93 83 00-0038	EA	3' x 1-3/4' Deep Tree Pit	324.71	
32 93 83 00-0039	EA	3' x 3-1/2' Deep Tree Pit	484.81	
32 93 83 00-0040	EA	3-1/2' x 1-3/4' Deep Tree Pit	399.16	
32 93 83 00-0041	EA	3-1/2' x 3-1/2' Deep Tree Pit	598.00	
32 93 83 00-0042	EA	4' x 2' Deep Tree Pit	477.63	
32 93 83 00-0043	EA	4' x 4' Deep Tree Pit	716.08	
32 93 83 00-0044	EA	4-1/2' x 2' Deep Tree Pit	689.77	
32 93 83 00-0045	EA	4-1/2' x 4' Deep Tree Pit	1,036.44	
32 93 83 00-0046	EA	5' x 2-1/4' Deep Tree Pit	917.42	
32 93 83 00-0047	EA	5' x 4-1/2' Deep Tree Pit	1,367.65	
32 93 83 00-0048	EA	6' x 2-1/2' Deep Tree Pit	1,301.00	
32 93 83 00-0049	EA	6' x 5' Deep Tree Pit	1,948.94	
32 93 83 00-0050	EA	7' x 3' Deep Tree Pit	2,193.04	
32 93 83 00-0051	EA	7' x 6' Deep Tree Pit	3,305.00	
32 93 83 00-0052	EA	8' x 3-1/4' Deep Tree Pit	3,020.61	
32 93 83 00-0053	EA	8' x 6-1/2' Deep Tree Pit	4,529.21	

32 93 83 00-0054 Planting Shrubs *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0055	EA	1 Gallon Container Shrub Planting	15.06	
		For >10 To 25, Deduct		*-0.75*
		For >25 To 50, Deduct		*-1.88*
		For >50 To 100, Deduct		*-3.01*
		For >100, Deduct		*-4.52*
32 93 83 00-0056	EA	2 Gallon Container Shrub Planting	21.25	
		For >10 To 25, Deduct		*-1.06*
		For >25 To 50, Deduct		*-2.66*
		For >50 To 100, Deduct		*-4.25*
		For >100, Deduct		*-6.38*
32 93 83 00-0057	EA	3 Gallon Container Shrub Planting	26.55	
		For >10 To 25, Deduct		*-1.33*
		For >25 To 50, Deduct		*-3.32*
		For >50 To 100, Deduct		*-5.31*
		For >100, Deduct		*-7.97*
32 93 83 00-0058	EA	4 Gallon Container Shrub Planting	35.41	
		For >10 To 25, Deduct		*-1.77*
		For >25 To 50, Deduct		*-4.43*
		For >50 To 100, Deduct		*-7.08*
		For >100, Deduct		*-10.62*
32 93 83 00-0059	EA	5 Gallon Container Shrub Planting	44.26	
		For >10 To 25, Deduct		*-2.21*
		For >25 To 50, Deduct		*-5.53*
		For >50 To 100, Deduct		*-8.85*
		For >100, Deduct		*-13.28*
32 93 83 00-0060	EA	7 Gallon Container Shrub Planting	60.20	
		For >10 To 25, Deduct		*-3.01*
		For >25 To 50, Deduct		*-7.53*
		For >50 To 100, Deduct		*-12.04*
		For >100, Deduct		*-18.06*
32 93 83 00-0061	EA	10 Gallon Container Shrub Planting	79.66	
		For >10 To 25, Deduct		*-3.98*
		For >25 To 50, Deduct		*-9.96*
		For >50 To 100, Deduct		*-15.93*
		For >100, Deduct		*-23.90*
32 93 83 00-0062	EA	15 Gallon Container Shrub Planting	109.77	
		For >10 To 25, Deduct		*-5.49*
		For >25 To 50, Deduct		*-13.72*
		For >50 To 100, Deduct		*-21.95*
		For >100, Deduct		*-32.93*
32 93 83 00-0063	EA	20 Gallon Container Shrub Planting	184.13	
		For >10 To 25, Deduct		*-9.21*
		For >25 To 50, Deduct		*-23.02*
		For >50 To 100, Deduct		*-36.83*
		For >100, Deduct		*-55.24*
32 93 83 00-0064	EA	25 Gallon Container Shrub Planting	235.83	
		For >10 To 25, Deduct		*-11.79*
		For >25 To 50, Deduct		*-29.48*
		For >50 To 100, Deduct		*-47.17*
		For >100, Deduct		*-70.75*
32 93 83 00-0065	EA	15" Balled And Burlapped Shrub Planting	49.57	
		For >10 To 25, Deduct		*-2.48*
		For >25 To 50, Deduct		*-6.20*
		For >50 To 100, Deduct		*-9.91*
		For >100, Deduct		*-14.87*
32 93 83 00-0066	EA	18" Balled And Burlapped Shrub Planting	51.34	
		For >10 To 25, Deduct		*-2.57*
		For >25 To 50, Deduct		*-6.42*
		For >50 To 100, Deduct		*-10.27*
		For >100, Deduct		*-15.40*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0067	EA	24" Balled And Burlapped Shrub Planting	56.65	
		For >10 To 25, Deduct	*-2.83*	
		For >25 To 50, Deduct	*-7.08*	
		For >50 To 100, Deduct	*-11.33*	
		For >100, Deduct	*-17.00*	
32 93 83 00-0068	EA	30" Balled And Burlapped Shrub Planting	56.65	
		For >10 To 25, Deduct	*-2.83*	
		For >25 To 50, Deduct	*-7.08*	
		For >50 To 100, Deduct	*-11.33*	
		For >100, Deduct	*-17.00*	
32 93 83 00-0069	EA	36" Balled And Burlapped Shrub Planting	61.96	
		For >10 To 25, Deduct	*-3.10*	
		For >25 To 50, Deduct	*-7.75*	
		For >50 To 100, Deduct	*-12.39*	
		For >100, Deduct	*-18.59*	
32 93 83 00-0070	EA	42" Balled And Burlapped Shrub Planting	65.50	
		For >10 To 25, Deduct	*-3.28*	
		For >25 To 50, Deduct	*-8.19*	
		For >50 To 100, Deduct	*-13.10*	
		For >100, Deduct	*-19.65*	
32 93 83 00-0071	EA	48" Balled And Burlapped Shrub Planting	70.82	
		For >10 To 25, Deduct	*-3.54*	
		For >25 To 50, Deduct	*-8.85*	
		For >50 To 100, Deduct	*-14.16*	
		For >100, Deduct	*-21.25*	
32 93 83 00-0072	EA	5' Balled And Burlapped Shrub Planting	106.23	
		For >10 To 25, Deduct	*-5.31*	
		For >25 To 50, Deduct	*-13.28*	
		For >50 To 100, Deduct	*-21.25*	
		For >100, Deduct	*-31.87*	
32 93 83 00-0073	EA	6' Balled And Burlapped Shrub Planting	150.48	
		For >10 To 25, Deduct	*-7.52*	
		For >25 To 50, Deduct	*-18.81*	
		For >50 To 100, Deduct	*-30.10*	
		For >100, Deduct	*-45.14*	
32 93 83 00-0074	EA	7' Balled And Burlapped Shrub Planting	200.06	
		For >10 To 25, Deduct	*-10.00*	
		For >25 To 50, Deduct	*-25.01*	
		For >50 To 100, Deduct	*-40.01*	
		For >100, Deduct	*-60.02*	
32 93 83 00-0075	EA	8' Balled And Burlapped Shrub Planting	226.62	
		For >10 To 25, Deduct	*-11.33*	
		For >25 To 50, Deduct	*-28.33*	
		For >50 To 100, Deduct	*-45.32*	
		For >100, Deduct	*-67.99*	
32 93 83 00-0076	EA	9' Balled And Burlapped Shrub Planting	244.32	
		For >10 To 25, Deduct	*-12.22*	
		For >25 To 50, Deduct	*-30.54*	
		For >50 To 100, Deduct	*-48.86*	
		For >100, Deduct	*-73.30*	
32 93 83 00-0077	EA	10' Balled And Burlapped Shrub Planting	265.57	
		For >10 To 25, Deduct	*-13.28*	
		For >25 To 50, Deduct	*-33.20*	
		For >50 To 100, Deduct	*-53.11*	
		For >100, Deduct	*-79.67*	

32 93 83 00-0078 Planting Groundcover, Vines, Perennials, Annuals And Bulbs *(32 93 83)*

See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0079	EA	2-1/4" Diameter Potted Groundcover And Flower Planting	1.47	
		For >10 To 25, Deduct	*-0.07*	
		For >25 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.29*	
		For >100, Deduct	*-0.44*	
32 93 83 00-0080	EA	3" Diameter Potted Groundcover And Flower Planting	1.68	
		For >10 To 25, Deduct	*-0.08*	
		For >25 To 50, Deduct	*-0.21*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.50*	
32 93 83 00-0081	EA	4" Diameter Potted Groundcover And Flower Planting	1.97	
		For >10 To 25, Deduct	*-0.10*	
		For >25 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.39*	
		For >100, Deduct	*-0.59*	
32 93 83 00-0082	EA	5-1/2" Diameter Potted Groundcover And Flower Planting	2.36	
		For >10 To 25, Deduct	*-0.12*	
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-0.47*	
		For >100, Deduct	*-0.71*	
32 93 83 00-0083	EA	6" Diameter Potted Groundcover And Flower Planting	2.95	
		For >10 To 25, Deduct	*-0.15*	
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.59*	
		For >100, Deduct	*-0.89*	
32 93 83 00-0084	EA	8" Diameter Potted Groundcover And Flower Planting	4.42	
		For >10 To 25, Deduct	*-0.22*	
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-0.88*	
		For >100, Deduct	*-1.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0085	EA	1 Gallon Container Groundcover And Flower Planting	14.16	
		For >10 To 25, Deduct	*-0.71*	
		For >25 To 50, Deduct	*-1.77*	
		For >50 To 100, Deduct	*-2.83*	
		For >100, Deduct	*-4.25*	
32 93 83 00-0086	EA	2 Gallon Container Groundcover And Flower Planting	19.47	
		For >10 To 25, Deduct	*-0.97*	
		For >25 To 50, Deduct	*-2.43*	
		For >50 To 100, Deduct	*-3.89*	
		For >100, Deduct	*-5.84*	
32 93 83 00-0087	EA	3 Gallon Container Groundcover And Flower Planting	24.79	
		For >10 To 25, Deduct	*-1.24*	
		For >25 To 50, Deduct	*-3.10*	
		For >50 To 100, Deduct	*-4.96*	
		For >100, Deduct	*-7.44*	
32 93 83 00-0088	EA	4 Gallon Container Groundcover And Flower Planting	31.87	
		For >10 To 25, Deduct	*-1.59*	
		For >25 To 50, Deduct	*-3.98*	
		For >50 To 100, Deduct	*-6.37*	
		For >100, Deduct	*-9.56*	
32 93 83 00-0089	EA	5 Gallon Container Groundcover And Flower Planting	38.95	
		For >10 To 25, Deduct	*-1.95*	
		For >25 To 50, Deduct	*-4.87*	
		For >50 To 100, Deduct	*-7.79*	
		For >100, Deduct	*-11.69*	
32 93 83 00-0090	EA	7 Gallon Container Groundcover And Flower Planting	53.11	
		For >10 To 25, Deduct	*-2.66*	
		For >25 To 50, Deduct	*-6.64*	
		For >50 To 100, Deduct	*-10.62*	
		For >100, Deduct	*-15.93*	
32 93 83 00-0091	EA	Bulb Planting	0.88	
		For >10 To 25, Deduct	*-0.04*	
		For >25 To 50, Deduct	*-0.11*	
		For >50 To 100, Deduct	*-0.18*	
		For >100, Deduct	*-0.26*	
32 93 83 00-0092	EA	Flats Of 24 Groundcover And Flower Planting	24.78	
		For >10 To 25, Deduct	*-1.24*	
		For >25, Deduct	*-3.10*	
32 93 83 00-0093	EA	Flats Of 36 Groundcover And Flower Planting	35.15	
		For >10 To 25, Deduct	*-1.76*	
		For >25, Deduct	*-4.39*	
32 93 83 00-0094	EA	Flats Of 48 Groundcover And Flower Planting	46.81	
		For >10 To 25, Deduct	*-2.34*	
		For >25, Deduct	*-5.85*	

32 94 Planting Accessories *(32 90)*

32 94 13 Landscape Edging *(32 94)*

Note: Including stakes.

32 94 13 00-0001 Landscape Edging *(32 94 13)*

Note: Includes stakes.

32 94 13 00-0002	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	6.90	2.15
32 94 13 00-0003	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	7.45	2.15
32 94 13 00-0004	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging	7.48	2.15
32 94 13 00-0005	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	8.45	2.22
32 94 13 00-0006	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	9.12	2.22
32 94 13 00-0007	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging	9.11	2.22
32 94 13 00-0008	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	7.68	2.29
32 94 13 00-0009	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	8.42	2.29
32 94 13 00-0010	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	8.50	2.29
32 94 13 00-0011	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	9.46	2.36
32 94 13 00-0012	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	10.20	2.36
32 94 13 00-0013	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	10.27	2.36
32 94 13 00-0014	LF	3/16" x 4" Powder Coated Steel Landscape Edging	8.41	2.22
32 94 13 00-0015	LF	1/4" x 5" Powder Coated Steel Landscape Edging	11.34	2.22

32 94 16 Landscape Timbers *(32 94)*

32 94 16 00-0001	LF	6" x 8" Railroad Ties	11.86	4.03
32 94 16 00-0002	LF	7" x 9" Railroad Ties	14.34	5.06
32 94 16 00-0003	LF	1" x 4" Redwood	4.15	1.43
32 94 16 00-0004	LF	2" x 4" Redwood Edging	5.72	2.15
32 94 16 00-0005	LF	4" x 6" Pressure Treated Hardwood	8.18	2.87
32 94 16 00-0006	LF	6" x 6" Pressure Treated Hardwood	10.64	3.59
32 94 16 00-0007	LF	6" x 8" Pressure Treated Hardwood	12.42	4.21
32 94 16 00-0008	LF	1" x 4" Pressure Treated Pine	3.29	1.43
32 94 16 00-0009	LF	2" x 4" Pressure Treated Pine	4.96	2.15
32 94 16 00-0010	LF	4" x 6" Pressure Treated Pine	7.78	2.77
32 94 16 00-0011	LF	6" x 6" Pressure Treated Pine	10.56	3.59
32 94 16 00-0012	LF	6" x 8" Pressure Treated Pine	12.91	4.21

32 94 43 Tree Grates *(32 94)*

32 94 43 00-0001 Tree Grates With Frames *(32 94 43)*

32 94 43 00-0002 Round Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Grate With Frame	635.48	53.41
		For >3 To 9, Deduct	*-39.65*	
		For >9, Deduct	*-81.94*	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Grate With Frame	731.59	53.41
		For >3 To 9, Deduct	*-46.86*	
		For >9, Deduct	*-96.84*	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Grate With Frame	887.34	71.21
		For >3 To 9, Deduct	*-55.87*	
		For >9, Deduct	*-115.46*	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Grate With Frame	1,096.54	71.21
		For >3 To 9, Deduct	*-71.56*	
		For >9, Deduct	*-147.89*	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Grate With Frame	1,404.95	89.02
		For >3 To 9, Deduct	*-92.02*	
		For >9, Deduct	*-190.17*	
32 94 43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Grate With Frame	1,480.13	106.82
		For >3 To 9, Deduct	*-94.99*	
		For >9, Deduct	*-196.31*	
32 94 43 00-0009	EA	60" Diameter, >350 LB Cast Iron Tree Grate With Frame	1,625.72	106.82
		For >3 To 9, Deduct	*-105.91*	
		For >9, Deduct	*-218.87*	
32 94 43 00-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Grate With Frame	2,168.47	151.32
		For >3 To 9, Deduct	*-139.94*	
		For >9, Deduct	*-289.20*	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 LB Cast Iron Tree Grate With Frame	2,253.28	151.32
		For >3 To 9, Deduct	*-146.30*	
		For >9, Deduct	*-302.35*	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 LB Cast Iron Tree Grate With Frame	2,323.95	151.32
		For >3 To 9, Deduct	*-151.60*	
		For >9, Deduct	*-313.30*	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 LB Cast Iron Tree Grate With Frame	2,380.49	151.32
		For >3 To 9, Deduct	*-155.84*	
		For >9, Deduct	*-322.07*	
32 94 43 00-0014	EA	72" Diameter, >700 LB Cast Iron Tree Grate With Frame	2,422.90	151.32
		For >3 To 9, Deduct	*-159.02*	
		For >9, Deduct	*-328.64*	
32 94 43 00-0015	EA	93" Diameter, 950 To 1,000 LB Cast Iron Tree Grate With Frame	2,662.90	178.03
		For >3 To 9, Deduct	*-173.01*	
		For >9, Deduct	*-357.56*	

32 94 43 00-0016 Square Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0017	EA	30" x 30", 75 To 125 LB Cast Iron Tree Grate With Frame	587.41	53.41
		For >3 To 9, Deduct	*-36.04*	
		For >9, Deduct	*-74.49*	
32 94 43 00-0018	EA	36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame	707.56	53.41
		For >3 To 9, Deduct	*-45.06*	
		For >9, Deduct	*-93.11*	
32 94 43 00-0019	EA	48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame	1,054.40	89.02
		For >3 To 9, Deduct	*-65.73*	
		For >9, Deduct	*-135.84*	
32 94 43 00-0020	EA	48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame	1,238.15	89.02
		For >3 To 9, Deduct	*-79.51*	
		For >9, Deduct	*-164.32*	
32 94 43 00-0021	EA	48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame	1,407.77	89.02
		For >3 To 9, Deduct	*-92.23*	
		For >9, Deduct	*-190.61*	
32 94 43 00-0022	EA	48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame	1,563.26	89.02
		For >3 To 9, Deduct	*-103.89*	
		For >9, Deduct	*-214.71*	
32 94 43 00-0023	EA	48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame	1,704.61	89.02
		For >3 To 9, Deduct	*-114.49*	
		For >9, Deduct	*-236.62*	
32 94 43 00-0024	EA	48" x 48", >400 LB Cast Iron Tree Grate With Frame	1,831.83	89.02
		For >3 To 9, Deduct	*-124.04*	
		For >9, Deduct	*-256.34*	
32 94 43 00-0025	EA	60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame	1,775.83	124.62
		For >3 To 9, Deduct	*-114.49*	
		For >9, Deduct	*-236.62*	
32 94 43 00-0026	EA	60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame	1,903.05	124.62
		For >3 To 9, Deduct	*-124.04*	
		For >9, Deduct	*-256.34*	
32 94 43 00-0027	EA	60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame	2,016.13	124.62
		For >3 To 9, Deduct	*-132.52*	
		For >9, Deduct	*-273.87*	
32 94 43 00-0028	EA	60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame	2,115.07	124.62
		For >3 To 9, Deduct	*-139.94*	
		For >9, Deduct	*-289.20*	
32 94 43 00-0029	EA	60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame	2,199.88	124.62
		For >3 To 9, Deduct	*-146.30*	
		For >9, Deduct	*-302.35*	
32 94 43 00-0030	EA	60" x 60", >600 LB Cast Iron Tree Grate With Frame	2,270.55	124.62
		For >3 To 9, Deduct	*-151.60*	
		For >9, Deduct	*-313.30*	
32 94 43 00-0031	EA	72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame	2,168.47	151.32
		For >3 To 9, Deduct	*-139.94*	
		For >9, Deduct	*-289.20*	
32 94 43 00-0032	EA	72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame	2,253.28	151.32
		For >3 To 9, Deduct	*-146.30*	
		For >9, Deduct	*-302.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0033	EA	72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame	2,323.95	151.32
		For >3 To 9, Deduct	*-151.60*	
		For >9, Deduct	*-313.30*	
32 94 43 00-0034	EA	72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame	2,380.49	151.32
		For >3 To 9, Deduct	*-155.84*	
		For >9, Deduct	*-322.07*	
32 94 43 00-0035	EA	72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame	2,422.90	151.32
		For >3 To 9, Deduct	*-159.02*	
		For >9, Deduct	*-328.64*	
32 94 43 00-0036	EA	72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame	2,451.17	151.32
		For >3 To 9, Deduct	*-161.14*	
		For >9, Deduct	*-333.02*	
32 94 43 00-0037	EA	72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame	2,465.31	151.32
		For >3 To 9, Deduct	*-162.20*	
		For >9, Deduct	*-335.21*	
32 94 43 00-0038	EA	72" x 72", >850 LB Cast Iron Tree Grate With Frame	2,479.44	151.32
		For >3 To 9, Deduct	*-163.26*	
		For >9, Deduct	*-337.40*	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0040	EA	36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame	1,096.54	71.21
		For >3 To 9, Deduct	*-71.56*	
		For >9, Deduct	*-147.89*	
32 94 43 00-0041	EA	36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame	1,117.75	71.21
		For >3 To 9, Deduct	*-73.15*	
		For >9, Deduct	*-151.17*	
32 94 43 00-0042	EA	36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame	1,366.78	89.02
		For >3 To 9, Deduct	*-89.16*	
		For >9, Deduct	*-184.26*	
32 94 43 00-0043	EA	48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame	1,602.84	89.02
		For >3 To 9, Deduct	*-106.86*	
		For >9, Deduct	*-220.85*	
32 94 43 00-0044	EA	48" x 72", >350 LB Cast Iron Tree Grate With Frame	1,704.61	89.02
		For >3 To 9, Deduct	*-114.49*	
		For >9, Deduct	*-236.62*	
32 94 43 00-0045	EA	60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame	2,295.69	151.32
		For >3 To 9, Deduct	*-149.48*	
		For >9, Deduct	*-308.92*	

32 94 49 Plant And Tree Accessories *(32 94)*

32 94 49 00-0001 Tree Guying *(32 94 49)*

32 94 49 00-0002 Tree Guying, Stakes *(32 94 49 00-0001)*

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	18.70
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	33.75
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	58.01

32 94 49 00-0006 Tree Guying, Anchors *(32 94 49 00-0001)*

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	77.77
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	104.81
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	133.79
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	173.53

32 94 49 00-0011 Tree Wrap *(32 94 49)*

32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	5.26
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	8.67
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	17.03
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	25.99

32 94 49 00-0016 Tree Guards *(32 94 49)*

32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	9.01
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	8.24

32 94 49 00-0019 Stake Out Tree And Shrub Locations *(32 94 49)*

Note: When no design available.

32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	5.42

32 94 49 00-0021 Root Barriers *(32 94 49)*

32 94 49 00-0022	EA	12" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	8.09
32 94 49 00-0023	EA	18" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	11.20
32 94 49 00-0024	EA	24" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	13.16
32 94 49 00-0025	EA	36" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	24.09
32 94 49 00-0026	EA	48" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner	33.07

32 96 Transplanting *(32 90)*

See CSI section 32 94 49 00-0001 for guying.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 96 33 Shrub Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001 Moving Shrubs On Site, Relocate *(32 96 33)*

Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.

32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	60.43	
		For >25 To 50, Deduct	*-6.04*	
		For >50, Deduct	*-9.06*	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	81.75	
		For >25 To 50, Deduct	*-8.18*	
		For >50, Deduct	*-12.26*	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	138.62	
		For >25 To 50, Deduct	*-13.86*	
		For >50, Deduct	*-20.79*	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	213.27	
		For >25 To 50, Deduct	*-21.33*	
		For >50, Deduct	*-31.99*	

32 96 43 Tree Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001 Moving Trees On Site, Relocate *(32 96 43)*

Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 01 22 23 00-0794 for crane lifting equipment, 32 94 49 00-0001 for guying.

32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site	230.47	
		For >5 To 10, Deduct	*-11.52*	
		For >10 To 20, Deduct	*-23.05*	
		For >20, Deduct	*-34.57*	
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site	316.08	
		For >5 To 10, Deduct	*-15.80*	
		For >10 To 20, Deduct	*-31.61*	
		For >20, Deduct	*-47.41*	
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site	512.16	
		For >5 To 10, Deduct	*-25.61*	
		For >10 To 20, Deduct	*-51.22*	
		For >20, Deduct	*-76.82*	
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site	850.97	
		For >5 To 10, Deduct	*-42.55*	
		For >10 To 20, Deduct	*-85.10*	
		For >20, Deduct	*-127.65*	
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site	1,382.82	
		For >5 To 10, Deduct	*-69.14*	
		For >10 To 20, Deduct	*-138.28*	
		For >20, Deduct	*-207.42*	
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site	1,784.30	
		For >5 To 10, Deduct	*-89.22*	
		For >10 To 20, Deduct	*-178.43*	
		For >20, Deduct	*-267.65*	
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site	2,304.71	
		For >5 To 10, Deduct	*-115.24*	
		For >10 To 20, Deduct	*-230.47*	
		For >20, Deduct	*-345.71*	
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site	2,765.65	
		For >5 To 10, Deduct	*-138.28*	
		For >10 To 20, Deduct	*-276.57*	
		For >20, Deduct	*-414.85*	
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site	3,142.78	
		For >5 To 10, Deduct	*-157.14*	
		For >10 To 20, Deduct	*-314.28*	
		For >20, Deduct	*-471.42*	

END OF SECTION 32

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 Utilities

33 01 Operation And Maintenance Of Utilities *(33)*

33 01 10 Operation And Maintenance Of Water Utilities *(33 01)*

33 01 10 54 Cleaning of Water Utility Piping *(33 01 10)*

See CSI section 33 01 30 41-0006 for cleaning of water lines.

33 01 10 58 Disinfection of Water Utility Piping Systems *(33 01 10)*

33 01 10 58-0001 Water Main Disinfection/Sterilization *(33 01 10 58)*

Note: Gas chlorination. Continuous or plug method.

33 01 10 58-0002	EA	Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	812.29
33 01 10 58-0003	EA	Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	406.14
33 01 10 58-0004	LF	Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.31
		For >250 To 500, Deduct	*-0.02*
		For >500 To 1,000, Deduct	*-0.03*
		For >1,000 To 2,000, Deduct	*-0.05*
		For >2,000 To 5,000, Deduct	*-0.06*
		For >5,000, Deduct	*-0.08*
33 01 10 58-0005	LF	6" Diameter Pipe Water Main Disinfection/Sterilization	0.47
		For >250 To 500, Deduct	*-0.02*
		For >500 To 1,000, Deduct	*-0.05*
		For >1,000 To 2,000, Deduct	*-0.07*
		For >2,000 To 5,000, Deduct	*-0.09*
		For >5,000, Deduct	*-0.12*
33 01 10 58-0006	LF	8" Diameter Pipe Water Main Disinfection/Sterilization	0.61
		For >250 To 500, Deduct	*-0.03*
		For >500 To 1,000, Deduct	*-0.06*
		For >1,000 To 2,000, Deduct	*-0.09*
		For >2,000 To 5,000, Deduct	*-0.12*
		For >5,000, Deduct	*-0.15*
33 01 10 58-0007	LF	10" Diameter Pipe Water Main Disinfection/Sterilization	0.71
		For >250 To 500, Deduct	*-0.04*
		For >500 To 1,000, Deduct	*-0.07*
		For >1,000 To 2,000, Deduct	*-0.11*
		For >2,000 To 5,000, Deduct	*-0.14*
		For >5,000, Deduct	*-0.18*
33 01 10 58-0008	LF	12" Diameter Pipe Water Main Disinfection/Sterilization	0.94
		For >250 To 500, Deduct	*-0.05*
		For >500 To 1,000, Deduct	*-0.09*
		For >1,000 To 2,000, Deduct	*-0.14*
		For >2,000 To 5,000, Deduct	*-0.19*
		For >5,000, Deduct	*-0.24*
33 01 10 58-0009	LF	>12" To 16" Diameter Pipe Water Main Disinfection/Sterilization	1.06
		For >250 To 500, Deduct	*-0.05*
		For >500 To 1,000, Deduct	*-0.11*
		For >1,000 To 2,000, Deduct	*-0.16*
		For >2,000 To 5,000, Deduct	*-0.21*
		For >5,000, Deduct	*-0.27*
33 01 10 58-0010	LF	>16" To 24" Diameter Pipe Water Main Disinfection/Sterilization	1.22
		For >250 To 500, Deduct	*-0.06*
		For >500 To 1,000, Deduct	*-0.12*
		For >1,000 To 2,000, Deduct	*-0.18*
		For >2,000 To 5,000, Deduct	*-0.24*
		For >5,000, Deduct	*-0.31*
33 01 10 58-0011	LF	>24" To 30" Diameter Pipe Water Main Disinfection/Sterilization	1.43
		For >250 To 500, Deduct	*-0.07*
		For >500 To 1,000, Deduct	*-0.14*
		For >1,000 To 2,000, Deduct	*-0.21*
		For >2,000 To 5,000, Deduct	*-0.29*
		For >5,000, Deduct	*-0.36*
33 01 10 58-0012	LF	>30" To 42" Diameter Pipe Water Main Disinfection/Sterilization	1.85
		For >250 To 500, Deduct	*-0.09*
		For >500 To 1,000, Deduct	*-0.19*
		For >1,000 To 2,000, Deduct	*-0.28*
		For >2,000 To 5,000, Deduct	*-0.37*
		For >5,000, Deduct	*-0.46*
33 01 10 58-0013	LF	>42" To 60" Diameter Pipe Water Main Disinfection/Sterilization	2.70
		For >250 To 500, Deduct	*-0.14*
		For >500 To 1,000, Deduct	*-0.27*
		For >1,000 To 2,000, Deduct	*-0.41*
		For >2,000 To 5,000, Deduct	*-0.54*
		For >5,000, Deduct	*-0.68*
33 01 10 58-0014	LF	>60" Diameter Pipe Water Main Disinfection/Sterilization	3.75
		For >250 To 500, Deduct	*-0.19*
		For >500 To 1,000, Deduct	*-0.38*
		For >1,000 To 2,000, Deduct	*-0.56*
		For >2,000 To 5,000, Deduct	*-0.75*
		For >5,000, Deduct	*-0.94*

33 01 10 71 Relining Water Utilities Pipelines *(33 01 10)*

See CSI section 33 01 30 71-0000 for relining water pipelines.

33 01 10 71-0001 Relining Underground Water Pipelines *(33 01 10 71)*

Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hours response for homeowners backups.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0002		**Relining Underground Water Pipelines Set-Up And Reinsertion** *(33 01 10 71-0001)*		
33 01 10 71-0003	EA	Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines	4,166.13	
33 01 10 71-0004	EA	Move And Reset Up At Different Access/Location	1,666.46	
33 01 10 71-0005		**Lining Pipe With Cement** *(33 01 10 71-0001)*		
33 01 10 71-0006	LF	Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement	50.65	
		For 3/16" Thickness, Add	*0.54*	
		For 1/4" Thickness, Add	*1.08*	
33 01 10 71-0007	LF	>500' To 1,000', 4" Pipe, 1/8" Pipe Lining With Cement	45.05	
		For 3/16" Thickness, Add	*0.54*	
		For 1/4" Thickness, Add	*1.08*	
33 01 10 71-0008	LF	>1,000' To 5,000', 4" Pipe, 1/8" Pipe Lining With Cement	37.54	
		For 3/16" Thickness, Add	*0.54*	
		For 1/4" Thickness, Add	*1.08*	
33 01 10 71-0009	LF	>5,000', 4" Pipe, 1/8" Pipe Lining With Cement	28.13	
		For 3/16" Thickness, Add	*0.54*	
		For 1/4" Thickness, Add	*1.08*	
33 01 10 71-0010	LF	Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement	52.47	
		For 3/16" Thickness, Add	*0.81*	
		For 1/4" Thickness, Add	*1.62*	
33 01 10 71-0011	LF	>500' To 1,000', 6" Pipe, 1/8" Pipe Lining With Cement	46.66	
		For 3/16" Thickness, Add	*0.81*	
		For 1/4" Thickness, Add	*1.62*	
33 01 10 71-0012	LF	>1,000' To 5,000', 6" Pipe, 1/8" Pipe Lining With Cement	38.90	
		For 3/16" Thickness, Add	*0.81*	
		For 1/4" Thickness, Add	*1.62*	
33 01 10 71-0013	LF	>5,000', 6" Pipe, 1/8" Pipe Lining With Cement	29.35	
		For 3/16" Thickness, Add	*0.81*	
		For 1/4" Thickness, Add	*1.62*	
33 01 10 71-0014	LF	Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement	54.20	
		For 3/16" Thickness, Add	*1.08*	
		For 1/4" Thickness, Add	*2.15*	
33 01 10 71-0015	LF	>500' To 1,000', 8" Pipe, 1/8" Pipe Lining With Cement	48.26	
		For 3/16" Thickness, Add	*1.08*	
		For 1/4" Thickness, Add	*2.15*	
33 01 10 71-0016	LF	>1,000' To 5,000', 8" Pipe, 1/8" Pipe Lining With Cement	40.25	
		For 3/16" Thickness, Add	*1.08*	
		For 1/4" Thickness, Add	*2.15*	
33 01 10 71-0017	LF	>5,000', 8" Pipe, 1/8" Pipe Lining With Cement	30.57	
		For 3/16" Thickness, Add	*1.08*	
		For 1/4" Thickness, Add	*2.15*	
33 01 10 71-0018	LF	Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement	55.47	
		For 3/16" Thickness, Add	*1.35*	
		For 1/4" Thickness, Add	*2.70*	
33 01 10 71-0019	LF	>500' To 1,000', 10" Pipe, 1/8" Pipe Lining With Cement	49.45	
		For 3/16" Thickness, Add	*1.35*	
		For 1/4" Thickness, Add	*2.70*	
33 01 10 71-0020	LF	>1,000' To 5,000', 10" Pipe, 1/8" Pipe Lining With Cement	41.31	
		For 3/16" Thickness, Add	*1.35*	
		For 1/4" Thickness, Add	*2.70*	
33 01 10 71-0021	LF	>5,000', 10" Pipe, 1/8" Pipe Lining With Cement	31.81	
		For 3/16" Thickness, Add	*1.35*	
		For 1/4" Thickness, Add	*2.70*	
33 01 10 71-0022	LF	Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement	59.83	
		For 3/16" Thickness, Add	*1.62*	
		For 1/4" Thickness, Add	*3.24*	
33 01 10 71-0023	LF	>500' To 1,000', 12" Pipe, 1/8" Pipe Lining With Cement	53.41	
		For 3/16" Thickness, Add	*1.62*	
		For 1/4" Thickness, Add	*3.24*	
33 01 10 71-0024	LF	>1,000' To 5,000', 12" Pipe, 1/8" Pipe Lining With Cement	44.76	
		For 3/16" Thickness, Add	*1.62*	
		For 1/4" Thickness, Add	*3.24*	
33 01 10 71-0025	LF	>5,000', 12" Pipe, 1/8" Pipe Lining With Cement	34.49	
		For 3/16" Thickness, Add	*1.62*	
		For 1/4" Thickness, Add	*3.24*	
33 01 10 71-0026	LF	Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	63.70	
		For 1/4" Thickness, Add	*1.80*	
		For 5/16" Thickness, Add	*3.60*	
33 01 10 71-0027	LF	>500' To 1,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	57.05	
		For 1/4" Thickness, Add	*1.80*	
		For 5/16" Thickness, Add	*3.60*	
33 01 10 71-0028	LF	>1,000' To 5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	48.04	
		For 1/4" Thickness, Add	*1.80*	
		For 5/16" Thickness, Add	*3.60*	
33 01 10 71-0029	LF	>5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	38.19	
		For 1/4" Thickness, Add	*1.80*	
		For 5/16" Thickness, Add	*3.60*	
33 01 10 71-0030	LF	Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	66.48	
		For 1/4" Thickness, Add	*2.16*	
		For 5/16" Thickness, Add	*4.31*	
33 01 10 71-0031	LF	>500' To 1,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	59.63	
		For 1/4" Thickness, Add	*2.16*	
		For 5/16" Thickness, Add	*4.31*	
33 01 10 71-0032	LF	>1,000' To 5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	50.30	
		For 1/4" Thickness, Add	*2.16*	
		For 5/16" Thickness, Add	*4.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0033	LF	>5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	40.97	
		For 1/4" Thickness, Add	*2.16*	
		For 5/16" Thickness, Add	*4.31*	
33 01 10 71-0034	LF	Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	70.05	
		For 1/4" Thickness, Add	*2.52*	
		For 5/16" Thickness, Add	*5.04*	
33 01 10 71-0035	LF	>500' To 1,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	62.95	
		For 1/4" Thickness, Add	*2.52*	
		For 5/16" Thickness, Add	*5.04*	
33 01 10 71-0036	LF	>1,000' To 5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	53.19	
		For 1/4" Thickness, Add	*2.52*	
		For 5/16" Thickness, Add	*5.04*	
33 01 10 71-0037	LF	>5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	44.45	
		For 1/4" Thickness, Add	*2.52*	
		For 5/16" Thickness, Add	*5.04*	
33 01 10 71-0038	LF	Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement	73.70	
		For 1/4" Thickness, Add	*2.88*	
		For 5/16" Thickness, Add	*5.76*	
33 01 10 71-0039	LF	>500' To 1,000', 24" Pipe, 3/16" Pipe Lining With Cement	66.31	
		For 1/4" Thickness, Add	*2.88*	
		For 5/16" Thickness, Add	*5.76*	
33 01 10 71-0040	LF	>1,000' To 5,000', 24" Pipe, 3/16" Pipe Lining With Cement	56.24	
		For 1/4" Thickness, Add	*2.88*	
		For 5/16" Thickness, Add	*5.76*	
33 01 10 71-0041	LF	>5,000', 24" Pipe, 3/16" Pipe Lining With Cement	48.10	
		For 1/4" Thickness, Add	*2.88*	
		For 5/16" Thickness, Add	*5.76*	
33 01 10 71-0042	LF	Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement	78.33	
		For 1/4" Thickness, Add	*3.60*	
		For 5/16" Thickness, Add	*7.19*	
33 01 10 71-0043	LF	>500' To 1,000', 30" Pipe, 3/16" Pipe Lining With Cement	70.51	
		For 1/4" Thickness, Add	*3.60*	
		For 5/16" Thickness, Add	*7.19*	
33 01 10 71-0044	LF	>1,000' To 5,000', 30" Pipe, 3/16" Pipe Lining With Cement	59.85	
		For 1/4" Thickness, Add	*3.60*	
		For 5/16" Thickness, Add	*7.19*	
33 01 10 71-0045	LF	>5,000', 30" Pipe, 3/16" Pipe Lining With Cement	51.63	
		For 1/4" Thickness, Add	*3.60*	
		For 5/16" Thickness, Add	*7.19*	
33 01 10 71-0046	LF	Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement	82.90	
		For 1/4" Thickness, Add	*4.32*	
		For 5/16" Thickness, Add	*8.64*	
33 01 10 71-0047	LF	500' To 1,000', 36" Pipe, 3/16" Pipe Lining With Cement	74.74	
		For 1/4" Thickness, Add	*4.32*	
		For 5/16" Thickness, Add	*8.64*	
33 01 10 71-0048	LF	>1,000' To 5,000', 36" Pipe, 3/16" Pipe Lining With Cement	63.46	
		For 1/4" Thickness, Add	*4.32*	
		For 5/16" Thickness, Add	*8.64*	
33 01 10 71-0049	LF	>5,000', 36" Pipe, 3/16" Pipe Lining With Cement	55.17	
		For 1/4" Thickness, Add	*4.32*	
		For 5/16" Thickness, Add	*8.64*	
33 01 10 71-0050	LF	Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement	99.12	
		For 3/8" Thickness, Add	*11.34*	
		For 7/16" Thickness, Add	*17.00*	
33 01 10 71-0051	LF	>500' To 1,000', 42" Pipe, 1/4" Pipe Lining With Cement	90.22	
		For 3/8" Thickness, Add	*11.34*	
		For 7/16" Thickness, Add	*17.00*	
33 01 10 71-0052	LF	>1,000' To 5,000', 42" Pipe, 1/4" Pipe Lining With Cement	77.97	
		For 3/8" Thickness, Add	*11.34*	
		For 7/16" Thickness, Add	*17.00*	
33 01 10 71-0053	LF	>5,000', 42" Pipe, 1/4" Pipe Lining With Cement	69.42	
		For 3/8" Thickness, Add	*11.34*	
		For 7/16" Thickness, Add	*17.00*	
33 01 10 71-0054	LF	Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement	108.78	
		For 3/8" Thickness, Add	*12.96*	
		For 7/16" Thickness, Add	*19.43*	
33 01 10 71-0055	LF	>500' To 1,000', 48" Pipe, 1/4" Pipe Lining With Cement	99.27	
		For 3/8" Thickness, Add	*12.96*	
		For 7/16" Thickness, Add	*19.43*	
33 01 10 71-0056	LF	>1,000' To 5,000', 48" Pipe, 1/4" Pipe Lining With Cement	86.09	
		For 3/8" Thickness, Add	*12.96*	
		For 7/16" Thickness, Add	*19.43*	
33 01 10 71-0057	LF	>5,000', 48" Pipe, 1/4" Pipe Lining With Cement	77.36	
		For 3/8" Thickness, Add	*12.96*	
		For 7/16" Thickness, Add	*19.43*	
33 01 10 71-0058	LF	Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement	113.55	
		For 3/8" Thickness, Add	*14.57*	
		For 7/16" Thickness, Add	*21.86*	
33 01 10 71-0059	LF	>500' To 1,000', 54" Pipe, 1/4" Pipe Lining With Cement	103.83	
		For 3/8" Thickness, Add	*14.57*	
		For 7/16" Thickness, Add	*21.86*	
33 01 10 71-0060	LF	>1,000' To 5,000', 54" Pipe, 1/4" Pipe Lining With Cement	90.35	
		For 3/8" Thickness, Add	*14.57*	
		For 7/16" Thickness, Add	*21.86*	
33 01 10 71-0061	LF	>5,000', 54" Pipe, 1/4" Pipe Lining With Cement	81.96	
		For 3/8" Thickness, Add	*14.57*	
		For 7/16" Thickness, Add	*21.86*	
33 01 10 71-0062	LF	Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement	118.34	
		For 3/8" Thickness, Add	*16.20*	
		For 7/16" Thickness, Add	*24.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0063	LF	>500' To 1,000', 60" Pipe, 1/4" Pipe Lining With Cement	108.45	
		For 3/8" Thickness, Add	*16.20*	
		For 7/16" Thickness, Add	*24.29*	
33 01 10 71-0064	LF	>1,000' To 5,000', 60" Pipe, 1/4" Pipe Lining With Cement	94.71	
		For 3/8" Thickness, Add	*16.20*	
		For 7/16" Thickness, Add	*24.29*	
33 01 10 71-0065	LF	>5,000', 60" Pipe, 1/4" Pipe Lining With Cement	86.58	
		For 3/8" Thickness, Add	*16.20*	
		For 7/16" Thickness, Add	*24.29*	
33 01 10 71-0066	LF	Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement	123.38	
		For 3/8" Thickness, Add	*17.82*	
		For 7/16" Thickness, Add	*26.72*	
33 01 10 71-0067	LF	>500' To 1,000', 66" Pipe, 1/4" Pipe Lining With Cement	113.27	
		For 3/8" Thickness, Add	*17.82*	
		For 7/16" Thickness, Add	*26.72*	
33 01 10 71-0068	LF	>1,000' To 5,000', 66" Pipe, 1/4" Pipe Lining With Cement	99.32	
		For 3/8" Thickness, Add	*17.82*	
		For 7/16" Thickness, Add	*26.72*	
33 01 10 71-0069	LF	>5,000', 66" Pipe, 1/4" Pipe Lining With Cement	91.78	
		For 3/8" Thickness, Add	*17.82*	
		For 7/16" Thickness, Add	*26.72*	
33 01 10 71-0070	LF	Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement	128.74	
		For 3/8" Thickness, Add	*19.43*	
		For 7/16" Thickness, Add	*29.15*	
33 01 10 71-0071	LF	>500' To 1,000', 72" Pipe, 1/4" Pipe Lining With Cement	118.47	
		For 3/8" Thickness, Add	*19.43*	
		For 7/16" Thickness, Add	*29.15*	
33 01 10 71-0072	LF	>1,000' To 5,000', 72" Pipe, 1/4" Pipe Lining With Cement	104.18	
		For 3/8" Thickness, Add	*19.43*	
		For 7/16" Thickness, Add	*29.15*	
33 01 10 71-0073	LF	>5,000', 72" Pipe, 1/4" Pipe Lining With Cement	97.07	
		For 3/8" Thickness, Add	*19.43*	
		For 7/16" Thickness, Add	*29.15*	

33 01 30 Operation And Maintenance Of Sewer Utilities *(33 01)*

33 01 30 11 Television Inspection Of Pipelines *(33 01 30)*

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts *(33 01 30 11)*

33 01 30 11-0002 Video Camera Set-up *(33 01 30 11-0001)*

33 01 30 11-0003	EA	Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1"-12" diameter pipes for distances up to 300 feet.	707.39
33 01 30 11-0004	EA	Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert Note: Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).	1,414.78
33 01 30 11-0005	EA	Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert	2,122.16
33 01 30 11-0006	EA	Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	353.69
33 01 30 11-0007	EA	Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	707.39

33 01 30 11-0008 Video Camera Planning And Analysis Inspection *(33 01 30 11-0001)*

Note: For pipe interior and culverts.

33 01 30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	1.79	
		For >500 To 1,000, Deduct		*-0.18*
		For >1,000 To 5,000, Deduct		*-0.45*
		For >5,000, Deduct		*-0.63*
33 01 30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.39	
		For >500 To 1,000, Deduct		*-0.24*
		For >1,000 To 5,000, Deduct		*-0.60*
		For >5,000, Deduct		*-0.84*
33 01 30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.99	
		For >500 To 1,000, Deduct		*-0.30*
		For >1,000 To 5,000, Deduct		*-0.75*
		For >5,000, Deduct		*-1.05*
33 01 30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	3.99	
		For >500 To 1,000, Deduct		*-0.40*
		For >1,000 To 5,000, Deduct		*-1.00*
		For >5,000, Deduct		*-1.40*
33 01 30 11-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	5.61	
		For >500 To 1,000, Deduct		*-0.56*
		For >1,000 To 5,000, Deduct		*-1.40*
		For >5,000, Deduct		*-1.96*
33 01 30 11-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	7.47	
		For >500 To 1,000, Deduct		*-0.75*
		For >1,000 To 5,000, Deduct		*-1.87*
		For >5,000, Deduct		*-2.61*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0015	LF	>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase	10.55	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000 To 5,000, Deduct	*-2.64*	
		For >5,000, Deduct	*-3.69*	
33 01 30 11-0016	LF	>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase	14.95	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.50*	
		For >1,000 To 5,000, Deduct	*-3.74*	
		For >5,000, Deduct	*-5.23*	

33 01 30 11-0017 Video Camera Pre-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*

33 01 30 11-0018	LF	4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase	2.65	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.27*	
		For >1,000 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-0.93*	
33 01 30 11-0019	LF	>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase	3.54	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000 To 5,000, Deduct	*-0.89*	
		For >5,000, Deduct	*-1.24*	
33 01 30 11-0020	LF	>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase	4.42	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.44*	
		For >1,000 To 5,000, Deduct	*-1.11*	
		For >5,000, Deduct	*-1.55*	
33 01 30 11-0021	LF	>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase	5.89	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000 To 5,000, Deduct	*-1.47*	
		For >5,000, Deduct	*-2.06*	
33 01 30 11-0022	LF	>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase	8.29	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.83*	
		For >1,000 To 5,000, Deduct	*-2.07*	
		For >5,000, Deduct	*-2.90*	
33 01 30 11-0023	LF	>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase	11.05	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.11*	
		For >1,000 To 5,000, Deduct	*-2.76*	
		For >5,000, Deduct	*-3.87*	
33 01 30 11-0024	LF	>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase	15.61	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.56*	
		For >1,000 To 5,000, Deduct	*-3.90*	
		For >5,000, Deduct	*-5.46*	
33 01 30 11-0025	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase	22.10	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000 To 5,000, Deduct	*-5.53*	
		For >5,000, Deduct	*-7.74*	

33 01 30 11-0026 Video Camera Post-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*

33 01 30 11-0027	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase	1.89	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.19*	
		For >1,000 To 5,000, Deduct	*-0.47*	
		For >5,000, Deduct	*-0.66*	
33 01 30 11-0028	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase	2.52	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.25*	
		For >1,000 To 5,000, Deduct	*-0.63*	
		For >5,000, Deduct	*-0.88*	
33 01 30 11-0029	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase	3.15	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000 To 5,000, Deduct	*-0.79*	
		For >5,000, Deduct	*-1.10*	
33 01 30 11-0030	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase	4.21	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.42*	
		For >1,000 To 5,000, Deduct	*-1.05*	
		For >5,000, Deduct	*-1.47*	
33 01 30 11-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase	5.92	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000 To 5,000, Deduct	*-1.48*	
		For >5,000, Deduct	*-2.07*	
33 01 30 11-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase	7.90	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000 To 5,000, Deduct	*-1.98*	
		For >5,000, Deduct	*-2.77*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0033		LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	11.14	
			For >500 To 1,000, Deduct	*-1.11*	
			For >1,000 To 5,000, Deduct	*-2.79*	
			For >5,000, Deduct	*-3.90*	
33 01 30 11-0034		LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase Note: CCTV inspection of pipe interior.	15.79	
			For >500 To 1,000, Deduct	*-1.58*	
			For >1,000 To 5,000, Deduct	*-3.95*	
			For >5,000, Deduct	*-5.53*	

33 01 30 41 Cleaning of Sewers *(33 01 30)*

33 01 30 41-0001 Pipe Line Cleaning And Flushing *(33 01 30 41)*

Note: Includes flushing. Owner provided water.

33 01 30 41-0002 Pipe Line Cleaning *(33 01 30 41-0001)*

Note: Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0003 Hydro Jet Set-up And Reinsertion *(33 01 30 41-0002)*

33 01 30 41-0004		EA	Initial Set Up And Final Equipment Removal For Jet Cleaning	2,208.12	
33 01 30 41-0005		EA	Move And Reset Up At Different Access/Location For Jet Cleaning	552.03	

33 01 30 41-0006 Hydro Jet Cleaning Of Sewer And Water Pipelines *(33 01 30 41-0002)*

33 01 30 41-0007		LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	2.97	
			For >250 To 500, Deduct	*-0.15*	
			For >500 To 1,000, Deduct	*-0.30*	
			For >1,000 To 2,000, Deduct	*-0.45*	
			For >2,000 To 5,000, Deduct	*-0.59*	
			For >5,000, Deduct	*-0.74*	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*2.23*	
33 01 30 41-0008		LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	3.41	
			For >250 To 500, Deduct	*-0.17*	
			For >500 To 1,000, Deduct	*-0.34*	
			For >1,000 To 2,000, Deduct	*-0.51*	
			For >2,000 To 5,000, Deduct	*-0.68*	
			For >5,000, Deduct	*-0.85*	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*2.56*	
33 01 30 41-0009		LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.00	
			For >250 To 500, Deduct	*-0.20*	
			For >500 To 1,000, Deduct	*-0.40*	
			For >1,000 To 2,000, Deduct	*-0.60*	
			For >2,000 To 5,000, Deduct	*-0.80*	
			For >5,000, Deduct	*-1.00*	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.00*	
33 01 30 41-0010		LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.95	
			For >250 To 500, Deduct	*-0.25*	
			For >500 To 1,000, Deduct	*-0.50*	
			For >1,000 To 2,000, Deduct	*-0.74*	
			For >2,000 To 5,000, Deduct	*-0.99*	
			For >5,000, Deduct	*-1.24*	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.71*	
33 01 30 41-0011		LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	5.61	
			For >250 To 500, Deduct	*-0.28*	
			For >500 To 1,000, Deduct	*-0.56*	
			For >1,000 To 2,000, Deduct	*-0.84*	
			For >2,000 To 5,000, Deduct	*-1.12*	
			For >5,000, Deduct	*-1.40*	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.21*	
33 01 30 41-0012		LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	6.48	
			For >250 To 500, Deduct	*-0.32*	
			For >500 To 1,000, Deduct	*-0.65*	
			For >1,000 To 2,000, Deduct	*-0.97*	
			For >2,000 To 5,000, Deduct	*-1.30*	
			For >5,000, Deduct	*-1.62*	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.86*	
33 01 30 41-0013		LF	>16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	7.79	
			For >250 To 500, Deduct	*-0.39*	
			For >500 To 1,000, Deduct	*-0.78*	
			For >1,000 To 2,000, Deduct	*-1.17*	
			For >2,000 To 5,000, Deduct	*-1.56*	
			For >5,000, Deduct	*-1.95*	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.84*	
33 01 30 41-0014		LF	>24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	8.84	
			For >250 To 500, Deduct	*-0.44*	
			For >500 To 1,000, Deduct	*-0.88*	
			For >1,000 To 2,000, Deduct	*-1.33*	
			For >2,000 To 5,000, Deduct	*-1.77*	
			For >5,000, Deduct	*-2.21*	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*6.63*	
33 01 30 41-0015		LF	>30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	10.45	
			For >250 To 500, Deduct	*-0.52*	
			For >500 To 1,000, Deduct	*-1.05*	
			For >1,000 To 2,000, Deduct	*-1.57*	
			For >2,000 To 5,000, Deduct	*-2.09*	
			For >5,000, Deduct	*-2.61*	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*7.84*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0016	LF	>42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	13.14	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.31*	
		For >1,000 To 2,000, Deduct	*-1.97*	
		For >2,000 To 5,000, Deduct	*-2.63*	
		For >5,000, Deduct	*-3.29*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*9.86*	
33 01 30 41-0017	LF	>60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	15.33	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 1,000, Deduct	*-1.53*	
		For >1,000 To 2,000, Deduct	*-2.30*	
		For >2,000 To 5,000, Deduct	*-3.07*	
		For >5,000, Deduct	*-3.83*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*11.50*	

33 01 30 41-0018 Flushing Of Storm Water Pipelines *(33 01 30 41-0002)*

Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.

33 01 30 41-0019	LF	12" To 16" Diameter Pipe Line Flushing	1.14	
		For >250 To 500, Deduct	*-0.06*	
		For >500 To 1,000, Deduct	*-0.11*	
		For >1,000 To 2,000, Deduct	*-0.17*	
		For >2,000 To 5,000, Deduct	*-0.23*	
		For >5,000, Deduct	*-0.29*	
33 01 30 41-0020	LF	>16" To 24" Diameter Pipe Line Flushing	1.31	
		For >250 To 500, Deduct	*-0.07*	
		For >500 To 1,000, Deduct	*-0.13*	
		For >1,000 To 2,000, Deduct	*-0.20*	
		For >2,000 To 5,000, Deduct	*-0.26*	
		For >5,000, Deduct	*-0.33*	
33 01 30 41-0021	LF	>24" To 30" Diameter Pipe Line Flushing	1.53	
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.15*	
		For >1,000 To 2,000, Deduct	*-0.23*	
		For >2,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.38*	
33 01 30 41-0022	LF	>30" To 42" Diameter Pipe Line Flushing	1.77	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.18*	
		For >1,000 To 2,000, Deduct	*-0.27*	
		For >2,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.44*	
33 01 30 41-0023	LF	>42" To 60" Diameter Pipe Line Flushing	2.36	
		For >250 To 500, Deduct	*-0.12*	
		For >500 To 1,000, Deduct	*-0.24*	
		For >1,000 To 2,000, Deduct	*-0.35*	
		For >2,000 To 5,000, Deduct	*-0.47*	
		For >5,000, Deduct	*-0.59*	

33 01 30 41-0024 Hydro Jet Cleaning Of Culverts *(33 01 30 41-0002)*

33 01 30 41-0025	LF	Jet Cleaning Of Culvert, 0-250 LF	13.74	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.37*	
		For >1,000 To 2,000, Deduct	*-2.06*	
		For >2,000 To 5,000, Deduct	*-2.75*	
		For >5,000, Deduct	*-3.44*	

33 01 30 41-0026 Pipe Line Cleaning, Mechanical Method *(33 01 30 41-0001)*

Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0027	EA	Initial Set Up And Final Equipment Removal For Mechanical Cleaning	974.74	
33 01 30 41-0028	EA	Move And Reset Up At Different Access/Location	324.91	
33 01 30 41-0029	LF	Up To 4" Diameter Pipe Line Cleaning, Mechanical Method	5.59	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 2,000, Deduct	*-0.81*	
		For >2,000 To 5,000, Deduct	*-1.08*	
		For >5,000, Deduct	*-1.36*	
33 01 30 41-0030	LF	6" Diameter Pipe Line Cleaning, Mechanical Method	7.30	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000 To 2,000, Deduct	*-1.04*	
		For >2,000 To 5,000, Deduct	*-1.39*	
		For >5,000, Deduct	*-1.74*	
33 01 30 41-0031	LF	8" Diameter Pipe Line Cleaning, Mechanical Method	8.55	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000 To 2,000, Deduct	*-1.22*	
		For >2,000 To 5,000, Deduct	*-1.62*	
		For >5,000, Deduct	*-2.03*	
33 01 30 41-0032	LF	10" Diameter Pipe Line Cleaning, Mechanical Method	9.88	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000 To 2,000, Deduct	*-1.41*	
		For >2,000 To 5,000, Deduct	*-1.87*	
		For >5,000, Deduct	*-2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0033	LF	12" Diameter Pipe Line Cleaning, Mechanical Method	10.76	
		For >250 To 500, Deduct	*-0.51*	
		For >500 To 1,000, Deduct	*-1.02*	
		For >1,000 To 2,000, Deduct	*-1.52*	
		For >2,000 To 5,000, Deduct	*-2.03*	
		For >5,000, Deduct	*-2.54*	
33 01 30 41-0034	LF	>12" To 16" Diameter Pipe Line Cleaning, Mechanical Method	12.37	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-1.16*	
		For >1,000 To 2,000, Deduct	*-1.74*	
		For >2,000 To 5,000, Deduct	*-2.32*	
		For >5,000, Deduct	*-2.90*	
33 01 30 41-0035	LF	>16" To 24" Diameter Pipe Line Cleaning, Mechanical Method	15.54	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.43*	
		For >1,000 To 2,000, Deduct	*-2.15*	
		For >2,000 To 5,000, Deduct	*-2.87*	
		For >5,000, Deduct	*-3.59*	
33 01 30 41-0036	LF	>24" To 30" Diameter Pipe Line Cleaning, Mechanical Method	17.69	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000 To 2,000, Deduct	*-2.40*	
		For >2,000 To 5,000, Deduct	*-3.20*	
		For >5,000, Deduct	*-4.00*	
33 01 30 41-0037	LF	>30" To 42" Diameter Pipe Line Cleaning, Mechanical Method	20.53	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000 To 2,000, Deduct	*-2.76*	
		For >2,000 To 5,000, Deduct	*-3.68*	
		For >5,000, Deduct	*-4.60*	
33 01 30 41-0038	LF	>42 To 60" Diameter Pipe Line Cleaning, Mechanical Method	26.93	
		For >250 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-2.44*	
		For >1,000 To 2,000, Deduct	*-3.65*	
		For >2,000 To 5,000, Deduct	*-4.87*	
		For >5,000, Deduct	*-6.09*	
33 01 30 41-0039	LF	>60" Diameter Pipe Line Cleaning, Mechanical Method	30.50	
		For >250 To 500, Deduct	*-1.35*	
		For >500 To 1,000, Deduct	*-2.71*	
		For >1,000 To 2,000, Deduct	*-4.06*	
		For >2,000 To 5,000, Deduct	*-5.42*	
		For >5,000, Deduct	*-6.77*	

33 01 30 41-0040 Pipe Line Auguring/Rod Out Pipe *(33 01 30 41-0001)*

33 01 30 41-0041	EA	Initial Set Up And Final Equipment Removal For Auguring	974.74	
33 01 30 41-0042	EA	Move And Reset Up At Different Location	324.91	
33 01 30 41-0043	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out	3.25	
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 1,000, Deduct	*-0.33*	
		For >1,000 To 2,000, Deduct	*-0.49*	
		For >2,000 To 5,000, Deduct	*-0.65*	
		For >5,000, Deduct	*-0.81*	
33 01 30 41-0044	LF	6" Diameter Pipe Line Auguring/Rod Out	4.20	
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.42*	
		For >1,000 To 2,000, Deduct	*-0.63*	
		For >2,000 To 5,000, Deduct	*-0.84*	
		For >5,000, Deduct	*-1.05*	
33 01 30 41-0045	LF	8" Diameter Pipe Line Auguring/Rod Out	4.87	
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000 To 2,000, Deduct	*-0.73*	
		For >2,000 To 5,000, Deduct	*-0.97*	
		For >5,000, Deduct	*-1.22*	
33 01 30 41-0046	LF	10" Diameter Pipe Line Auguring/Rod Out	5.67	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000 To 2,000, Deduct	*-0.85*	
		For >2,000 To 5,000, Deduct	*-1.13*	
		For >5,000, Deduct	*-1.42*	
33 01 30 41-0047	LF	12" Diameter Pipe Line Auguring/Rod Out	6.10	
		For >250 To 500, Deduct	*-0.31*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000 To 2,000, Deduct	*-0.92*	
		For >2,000 To 5,000, Deduct	*-1.22*	
		For >5,000, Deduct	*-1.53*	
33 01 30 41-0048	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out	6.96	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000 To 2,000, Deduct	*-1.04*	
		For >2,000 To 5,000, Deduct	*-1.39*	
		For >5,000, Deduct	*-1.74*	
33 01 30 41-0049	LF	>16" To 24" Diameter Pipe Line Auguring/Rod Out	8.55	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.86*	
		For >1,000 To 2,000, Deduct	*-1.28*	
		For >2,000 To 5,000, Deduct	*-1.71*	
		For >5,000, Deduct	*-2.14*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0050	LF	>24" To 30" Diameter Pipe Line Auguring/Rod Out	9.56	
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000 To 2,000, Deduct	*-1.43*	
		For >2,000 To 5,000, Deduct	*-1.91*	
		For >5,000, Deduct	*-2.39*	
33 01 30 41-0051	LF	>30" To 42" Diameter Pipe Line Auguring/Rod Out	11.08	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-1.11*	
		For >1,000 To 2,000, Deduct	*-1.66*	
		For >2,000 To 5,000, Deduct	*-2.22*	
		For >5,000, Deduct	*-2.77*	
33 01 30 41-0052	LF	>42 To 60" Diameter Pipe Line Auguring/Rod Out	15.24	
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.52*	
		For >1,000 To 2,000, Deduct	*-2.29*	
		For >2,000 To 5,000, Deduct	*-3.05*	
		For >5,000, Deduct	*-3.81*	
33 01 30 41-0053	LF	>60" Diameter Pipe Line Auguring/Rod Out	16.24	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.62*	
		For >1,000 To 2,000, Deduct	*-2.44*	
		For >2,000 To 5,000, Deduct	*-3.25*	
		For >5,000, Deduct	*-4.06*	

33 01 30 42 Cleaning of Manholes *(33 01 30)*

33 01 30 42-0001 Structure Cleaning And Flushing *(33 01 30 42)*

Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations *(33 01 30 42-0001)*

33 01 30 42-0003	EA	Rod Out Sewer Catch Basin	85.60	
33 01 30 42-0004	EA	Clean Out Debris From Entrance To Inlet Structure	214.01	
33 01 30 42-0005	EA	3' To 4' Diameter, Clean Out Blocked Manhole By Hand	708.18	
		For >10 To 100, Deduct	*-106.23*	
		For >100 To 250, Deduct	*-159.34*	
		For >250, Deduct	*-212.45*	
33 01 30 42-0006	EA	5' To 6' Diameter, Clean Out Blocked Manhole By Hand	849.81	
		For >10 To 100, Deduct	*-127.47*	
		For >100 To 250, Deduct	*-191.21*	
		For >250, Deduct	*-254.94*	
33 01 30 42-0007	EA	Clean Out Blocked Catch Basin By Hand	424.91	
		For >10 To 100, Deduct	*-63.74*	
		For >100 To 250, Deduct	*-95.60*	
		For >250, Deduct	*-127.47*	

33 01 30 42-0008 Cleaning Manholes And Drainage Structures *(33 01 30 42-0001)*

Note: Includes removal of debris. Excludes disposal.

33 01 30 42-0009	VLF	Waterblast Cleaning For 3' To 4' Diameter Manhole	92.00
33 01 30 42-0010	VLF	Waterblast Cleaning For 5' To 6' Diameter Manhole	115.01
33 01 30 42-0011	EA	Vacuum Out 1 To 2 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	1,190.00
33 01 30 42-0012	EA	Vacuum Out 3 To 10 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	892.50
33 01 30 42-0013	EA	Vacuum Out 11 To 25 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	594.99
33 01 30 42-0014	EA	Vacuum Out 26 To 100 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	520.62
33 01 30 42-0015	EA	Vacuum Out 101 To 250 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	483.44
33 01 30 42-0016	EA	Vacuum Out >250 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	446.25

33 01 30 51 Maintenance Of Utilities *(33 01 30)*

33 01 30 51-0001 Pipe Repair *(33 01 30 51)*

33 01 30 51-0002 Pipe Repair Clamp, Full Circle, Single Band *(33 01 30 51-0001)*

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0003	EA	2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	117.75	
		For Stainless Steel Nuts And Bolts, Add	*19.70*	
33 01 30 51-0004	EA	2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	167.99	
		For Stainless Steel Nuts And Bolts, Add	*29.69*	
33 01 30 51-0005	EA	2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	194.34	
		For Stainless Steel Nuts And Bolts, Add	*34.96*	
33 01 30 51-0006	EA	2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	221.57	
		For Stainless Steel Nuts And Bolts, Add	*40.22*	
33 01 30 51-0007	EA	2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	127.06	
		For Stainless Steel Nuts And Bolts, Add	*21.39*	
33 01 30 51-0008	EA	2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	178.60	
		For Stainless Steel Nuts And Bolts, Add	*31.68*	
33 01 30 51-0009	EA	2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	204.90	
		For Stainless Steel Nuts And Bolts, Add	*36.83*	
33 01 30 51-0010	EA	2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	237.00	
		For Stainless Steel Nuts And Bolts, Add	*43.10*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0011		EA	3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	136.79	
			For Stainless Steel Nuts And Bolts, Add	*23.40*	
33 01 30 51-0012		EA	3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	185.85	
			For Stainless Steel Nuts And Bolts, Add	*33.12*	
33 01 30 51-0013		EA	3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	215.05	
			For Stainless Steel Nuts And Bolts, Add	*38.83*	
33 01 30 51-0014		EA	3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	251.05	
			For Stainless Steel Nuts And Bolts, Add	*46.10*	
33 01 30 51-0015		EA	4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	154.19	
			For Stainless Steel Nuts And Bolts, Add	*26.61*	
33 01 30 51-0016		EA	4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	203.92	
			For Stainless Steel Nuts And Bolts, Add	*35.82*	
33 01 30 51-0017		EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	247.36	
			For Stainless Steel Nuts And Bolts, Add	*43.61*	
33 01 30 51-0018		EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	298.02	
			For Stainless Steel Nuts And Bolts, Add	*52.60*	
33 01 30 51-0019		EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	390.36	
			For Stainless Steel Nuts And Bolts, Add	*70.65*	
33 01 30 51-0020		EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	485.96	
			For Stainless Steel Nuts And Bolts, Add	*88.70*	
33 01 30 51-0021		EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	593.07	
			For Stainless Steel Nuts And Bolts, Add	*108.81*	
33 01 30 51-0022		EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	181.31	
			For Stainless Steel Nuts And Bolts, Add	*31.40*	
33 01 30 51-0023		EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	241.17	
			For Stainless Steel Nuts And Bolts, Add	*42.60*	
33 01 30 51-0024		EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	285.56	
			For Stainless Steel Nuts And Bolts, Add	*50.23*	
33 01 30 51-0025		EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	334.38	
			For Stainless Steel Nuts And Bolts, Add	*58.37*	
33 01 30 51-0026		EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	464.45	
			For Stainless Steel Nuts And Bolts, Add	*84.58*	
33 01 30 51-0027		EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	564.85	
			For Stainless Steel Nuts And Bolts, Add	*103.14*	
33 01 30 51-0028		EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	674.67	
			For Stainless Steel Nuts And Bolts, Add	*123.25*	
33 01 30 51-0029		EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	234.98	
			For Stainless Steel Nuts And Bolts, Add	*37.57*	
33 01 30 51-0030		EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	305.68	
			For Stainless Steel Nuts And Bolts, Add	*49.71*	
33 01 30 51-0031		EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	369.02	
			For Stainless Steel Nuts And Bolts, Add	*60.16*	
33 01 30 51-0032		EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	440.63	
			For Stainless Steel Nuts And Bolts, Add	*71.68*	
33 01 30 51-0033		EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	586.70	
			For Stainless Steel Nuts And Bolts, Add	*99.31*	
33 01 30 51-0034		EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	701.70	
			For Stainless Steel Nuts And Bolts, Add	*118.75*	
33 01 30 51-0035		EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	830.69	
			For Stainless Steel Nuts And Bolts, Add	*139.77*	
33 01 30 51-0036		EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	275.82	
			For Stainless Steel Nuts And Bolts, Add	*45.73*	
33 01 30 51-0037		EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	371.25	
			For Stainless Steel Nuts And Bolts, Add	*63.25*	
33 01 30 51-0038		EA	10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	437.03	
			For Stainless Steel Nuts And Bolts, Add	*73.95*	
33 01 30 51-0039		EA	10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	536.48	
			For Stainless Steel Nuts And Bolts, Add	*91.46*	
33 01 30 51-0040		EA	10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	705.96	
			For Stainless Steel Nuts And Bolts, Add	*124.06*	
33 01 30 51-0041		EA	10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	802.56	
			For Stainless Steel Nuts And Bolts, Add	*138.66*	
33 01 30 51-0042		EA	10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,034.46	
			For Stainless Steel Nuts And Bolts, Add	*182.93*	
33 01 30 51-0043		EA	12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	313.79	
			For Stainless Steel Nuts And Bolts, Add	*51.58*	
33 01 30 51-0044		EA	12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	410.17	
			For Stainless Steel Nuts And Bolts, Add	*68.59*	
33 01 30 51-0045		EA	12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	495.20	
			For Stainless Steel Nuts And Bolts, Add	*83.00*	
33 01 30 51-0046		EA	12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	609.63	
			For Stainless Steel Nuts And Bolts, Add	*103.14*	
33 01 30 51-0047		EA	12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	785.73	
			For Stainless Steel Nuts And Bolts, Add	*136.23*	
33 01 30 51-0048		EA	12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	923.63	
			For Stainless Steel Nuts And Bolts, Add	*159.09*	
33 01 30 51-0049		EA	12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226)	1,175.35	
			For Stainless Steel Nuts And Bolts, Add	*206.28*	

33 01 30 51-0050 Pipe Repair Clamp, Full Circle, Double Bands *(33 01 30 51-0001)*

Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0051		EA	14.38"-15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	705.42	
			For Stainless Steel Nuts And Bolts, Add	*198.43*	
33 01 30 51-0052		EA	14.38"-15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,001.32	
			For Stainless Steel Nuts And Bolts, Add	*286.46*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0053	EA	14.38"-15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,349.01	
		For Stainless Steel Nuts And Bolts, Add	*388.48*	
33 01 30 51-0054	EA	14.38"-15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,990.33	
		For Stainless Steel Nuts And Bolts, Add	*585.52*	
33 01 30 51-0055	EA	15.07"-15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	740.40	
		For Stainless Steel Nuts And Bolts, Add	*208.20*	
33 01 30 51-0056	EA	15.07"-15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,048.16	
		For Stainless Steel Nuts And Bolts, Add	*299.74*	
33 01 30 51-0057	EA	15.07"-15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,408.61	
		For Stainless Steel Nuts And Bolts, Add	*405.25*	
33 01 30 51-0058	EA	15.07"-15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,086.36	
		For Stainless Steel Nuts And Bolts, Add	*613.46*	
33 01 30 51-0059	EA	15.92"-16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	759.03	
		For Stainless Steel Nuts And Bolts, Add	*212.40*	
33 01 30 51-0060	EA	15.92"-16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,072.67	
		For Stainless Steel Nuts And Bolts, Add	*305.34*	
33 01 30 51-0061	EA	15.92"-16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,445.20	
		For Stainless Steel Nuts And Bolts, Add	*414.33*	
33 01 30 51-0062	EA	15.92"-16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,138.82	
		For Stainless Steel Nuts And Bolts, Add	*626.73*	
33 01 30 51-0063	EA	16.56"-17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	778.53	
		For Stainless Steel Nuts And Bolts, Add	*216.59*	
33 01 30 51-0064	EA	16.56"-17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,100.58	
		For Stainless Steel Nuts And Bolts, Add	*311.63*	
33 01 30 51-0065	EA	16.56"-17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,480.33	
		For Stainless Steel Nuts And Bolts, Add	*422.01*	
33 01 30 51-0066	EA	16.56"-17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,191.05	
		For Stainless Steel Nuts And Bolts, Add	*639.31*	
33 01 30 51-0067	EA	17.15"-17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	795.99	
		For Stainless Steel Nuts And Bolts, Add	*220.09*	
33 01 30 51-0068	EA	17.15"-17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,124.34	
		For Stainless Steel Nuts And Bolts, Add	*316.51*	
33 01 30 51-0069	EA	17.15"-17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,515.46	
		For Stainless Steel Nuts And Bolts, Add	*429.70*	
33 01 30 51-0070	EA	17.15"-17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,238.02	
		For Stainless Steel Nuts And Bolts, Add	*649.79*	
33 01 30 51-0071	EA	17.82"-18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	812.54	
		For Stainless Steel Nuts And Bolts, Add	*223.59*	
33 01 30 51-0072	EA	17.82"-18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,148.85	
		For Stainless Steel Nuts And Bolts, Add	*322.10*	
33 01 30 51-0073	EA	17.82"-18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,546.77	
		For Stainless Steel Nuts And Bolts, Add	*436.69*	
33 01 30 51-0074	EA	17.82"-18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,267.73	
		For Stainless Steel Nuts And Bolts, Add	*655.03*	
33 01 30 51-0075	EA	18.46"-19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	831.61	
		For Stainless Steel Nuts And Bolts, Add	*227.94*	
33 01 30 51-0076	EA	18.46"-19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,177.90	
		For Stainless Steel Nuts And Bolts, Add	*329.09*	
33 01 30 51-0077	EA	18.46"-19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,580.09	
		For Stainless Steel Nuts And Bolts, Add	*444.37*	
33 01 30 51-0078	EA	18.46"-19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,335.65	
		For Stainless Steel Nuts And Bolts, Add	*673.55*	

33 01 30 51-0079 Repair Couplings and Fittings *(33 01 30 51-0001)*

33 01 30 51-0080 Couplings And Fittings For Copper Pipe, Compression *(33 01 30 51-0079)*
Note: Includes gaskets. Dresser style 88.

33 01 30 51-0081 Copper Compression Repair Couplings *(33 01 30 51-0080)*

33 01 30 51-0082	EA	1/2" Copper Compression Repair Coupling	71.63	
33 01 30 51-0083	EA	3/4" Copper Compression Repair Coupling	83.26	
33 01 30 51-0084	EA	1" Copper Compression Repair Coupling	97.90	
33 01 30 51-0085	EA	1-1/4" Copper Compression Repair Coupling	110.08	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 01 30 51-0086	EA	1-1/2" Copper Compression Repair Coupling	171.05	
33 01 30 51-0087			Copper Compression Repair Fitting, 90 Degree Elbows *(33 01 30 51-0080)*		
	33 01 30 51-0088	EA	1/2" Copper Compression Repair 90 Degree Elbow	86.48	
	33 01 30 51-0089	EA	1" Copper Compression Repair 90 Degree Elbow	100.03	
	33 01 30 51-0090	EA	1-1/2" Copper Compression Repair 90 Degree Elbow	204.80	
	33 01 30 51-0091	EA	1" IPS x 1" CTS 90 Degree Plain End Street Elbow	80.15	
	33 01 30 51-0092	EA	3/4" IPS x 3/4" CTS 90 Degree Threaded End Street Elbow	72.14	
	33 01 30 51-0093	EA	1" IPS x 1" CTS 90 Degree Threaded End Street Elbow	84.45	
	33 01 30 51-0094	EA	1-1/4" IPS x 1" CTS 90 Degree Threaded End Street Elbow	104.72	
33 01 30 51-0095			Copper Compression Repair Fitting, Tees *(33 01 30 51-0080)*		
	33 01 30 51-0096	EA	1/2" Copper Compression Repair Tee	159.31	
	33 01 30 51-0097	EA	3/4" Copper Compression Repair Tee	122.24	
	33 01 30 51-0098	EA	1" Copper Compression Repair Tee	145.31	
	33 01 30 51-0099	EA	1" F x 1" M x 1" CTS Street Tee	118.99	
33 01 30 51-0100			Copper Compression Repair Fitting, Male Adapters *(33 01 30 51-0080)*		
	33 01 30 51-0101	EA	3/4" M x 1/2" CTS Male Adapter	74.95	
	33 01 30 51-0102	EA	3/4" M x 3/4" CTS Male Adapter	59.83	
	33 01 30 51-0103	EA	1" M x 1" CTS Male Adapter	67.96	
	33 01 30 51-0104	EA	1-1/4" M x 1" CTS Male Adapter	82.37	
	33 01 30 51-0105	EA	1-1/4" M x 1-1/4" CTS Male Adapter	99.07	
	33 01 30 51-0106	EA	1-1/2" M x 1" CTS Male Adapter	107.92	
33 01 30 51-0107			Copper Compression Repair Fitting, Female Adapters *(33 01 30 51-0080)*		
	33 01 30 51-0108	EA	3/4" M x 3/4" CTS Female Adapter	88.03	
	33 01 30 51-0109	EA	1" M x 1" CTS Female Adapter	92.96	
33 01 30 51-0110			Couplings And Fittings For Steel Pipe, Cast Body, Compression *(33 01 30 51-0079)* Note: Includes gaskets. Dresser style 90.		
33 01 30 51-0111			Couplings For Steel Pipe, Cast Body (Compression) *(33 01 30 51-0110)* Note: Includes gaskets.		
	33 01 30 51-0112	EA	1/2" Coupling, Cast Body (Compression), 5" Middle Ring	49.14	
	33 01 30 51-0113	EA	3/4" Coupling, Cast Body (Compression), 5" Middle Ring	50.35	
	33 01 30 51-0114	EA	1" Coupling, Cast Body (Compression), 5" Middle Ring	56.85	
	33 01 30 51-0115	EA	1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring	63.41	
	33 01 30 51-0116	EA	1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring	78.45	
	33 01 30 51-0117	EA	2" Coupling, Cast Body (Compression), 5" Middle Ring	95.34	
	33 01 30 51-0118	EA	1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	50.42	
	33 01 30 51-0119	EA	3/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	51.76	
	33 01 30 51-0120	EA	1" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	57.06	
	33 01 30 51-0121	EA	1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	64.07	
	33 01 30 51-0122	EA	1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	80.60	
	33 01 30 51-0123	EA	2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	96.28	
	33 01 30 51-0124	EA	3/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	94.29	
	33 01 30 51-0125	EA	1" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	110.31	
	33 01 30 51-0126	EA	1-1/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	115.20	
	33 01 30 51-0127	EA	1-1/2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	130.12	
	33 01 30 51-0128	EA	2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	158.24	
33 01 30 51-0129			Reducing Couplings For Steel Pipe (Compression) *(33 01 30 51-0110)* Note: Includes armored gaskets.		
	33 01 30 51-0130	EA	3/4" x 1/2" Reducing Coupling (Compression)	54.62	
	33 01 30 51-0131	EA	1" x 3/4" Reducing Coupling (Compression)	58.24	
	33 01 30 51-0132	EA	1-1/4" x 3/4" Reducing Coupling (Compression)	65.75	
	33 01 30 51-0133	EA	1-1/4" x 1" Reducing Coupling (Compression)	68.11	
	33 01 30 51-0134	EA	1-1/2" x 3/4" Reducing Coupling (Compression)	127.76	
	33 01 30 51-0135	EA	1-1/2" x 1" Reducing Coupling (Compression)	82.11	
	33 01 30 51-0136	EA	1-1/2" x 1-1/4" Reducing Coupling (Compression)	82.45	
	33 01 30 51-0137	EA	2" x 3/4" Reducing Coupling (Compression)	152.62	
	33 01 30 51-0138	EA	2" x 1" Reducing Coupling (Compression)	139.51	
	33 01 30 51-0139	EA	2" x 1-1/4" Reducing Coupling (Compression)	108.31	
	33 01 30 51-0140	EA	2" x 1-1/2" Reducing Coupling (Compression)	107.96	
33 01 30 51-0141			Steel Compression Repair Fittings, Elbows *(33 01 30 51-0110)* Note: Includes armored gaskets.		
	33 01 30 51-0142	EA	1" 45 Degree Elbow (Compression)	88.34	
	33 01 30 51-0143	EA	1-1/4" 45 Degree Elbow (Compression)	92.50	
	33 01 30 51-0144	EA	1-1/2" 45 Degree Elbow (Compression)	119.28	
	33 01 30 51-0145	EA	2" 45 Degree Elbow (Compression)	150.17	
	33 01 30 51-0146	EA	3/4" 90 Degree Elbow (Compression)	60.06	
	33 01 30 51-0147	EA	1" 90 Degree Elbow (Compression)	62.80	
	33 01 30 51-0148	EA	1-1/4" 90 Degree Elbow (Compression)	73.42	
	33 01 30 51-0149	EA	1-1/2" 90 Degree Elbow (Compression)	103.81	
	33 01 30 51-0150	EA	2" 90 Degree Elbow (Compression)	114.40	
	33 01 30 51-0151	EA	3/4" Plain End 90 Degree Street Elbow (Compression)	60.24	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0152	EA	1" Plain End 90 Degree Street Elbow (Compression)	54.29	
33 01 30 51-0153	EA	1-1/4" Plain End 90 Degree Street Elbow (Compression)	61.39	
33 01 30 51-0154	EA	1-1/2" Plain End 90 Degree Street Elbow (Compression)	77.57	
33 01 30 51-0155	EA	2" Plain End 90 Degree Street Elbow (Compression)	99.56	
33 01 30 51-0156	EA	3/4" Threaded End 90 Degree Street Elbow (Compression)	62.09	
33 01 30 51-0157	EA	1" Threaded End 90 Degree Street Elbow (Compression)	57.75	
33 01 30 51-0158	EA	1-1/4" Threaded End 90 Degree Street Elbow (Compression)	74.25	
33 01 30 51-0159	EA	1-1/2" Threaded End 90 Degree Street Elbow (Compression)	89.84	
33 01 30 51-0160	EA	2" Threaded End 90 Degree Street Elbow (Compression)	125.79	

33 01 30 51-0161 Steel Compression Repair Fittings, Tees *(33 01 30 51-0110)*

Note: Includes armored gaskets.

33 01 30 51-0162	EA	3/4" Street Tee (Compression)	67.78	
33 01 30 51-0163	EA	1" Street Tee (Compression)	79.72	
33 01 30 51-0164	EA	1-1/4" Street Tee (Compression)	81.57	
33 01 30 51-0165	EA	1-1/2" Street Tee (Compression)	95.01	
33 01 30 51-0166	EA	2" Street Tee (Compression)	140.37	
33 01 30 51-0167	EA	1-1/4" x 1-1/4" x 1" Reducing Street Tee (Compression)	80.90	
33 01 30 51-0168	EA	1-1/4" x 1" x 1-1/4" Reducing Street Tee (Compression)	84.25	
33 01 30 51-0169	EA	1-1/2" x 1-1/2" x 1" Reducing Street Tee (Compression)	105.51	
33 01 30 51-0170	EA	1-1/2" x 1-1/2" x 1-1/4" Reducing Street Tee (Compression)	120.64	
33 01 30 51-0171	EA	1-1/2" x 1" x 1-1/2" Reducing Street Tee (Compression)	121.31	
33 01 30 51-0172	EA	1-1/2" x 1-1/4" x 1-1/2" Reducing Street Tee (Compression)	104.08	
33 01 30 51-0173	EA	2" x 1-1/4" x 2" Reducing Street Tee (Compression)	137.10	
33 01 30 51-0174	EA	2" x 1-1/2" x 2" Reducing Street Tee (Compression)	153.92	
33 01 30 51-0175	EA	3/4" Welding Street Tee (Compression)	118.24	
33 01 30 51-0176	EA	1" Welding Street Tee (Compression)	119.66	
33 01 30 51-0177	EA	1-1/4" Welding Street Tee (Compression)	128.90	
33 01 30 51-0178	EA	1-1/2" Welding Street Tee (Compression)	155.55	
33 01 30 51-0179	EA	2" Welding Street Tee (Compression)	207.91	
33 01 30 51-0180	EA	3/4" Regular Tee (Compression)	88.89	
33 01 30 51-0181	EA	1" Regular Tee (Compression)	151.69	
33 01 30 51-0182	EA	1-1/4" Regular Tee (Compression)	160.86	
33 01 30 51-0183	EA	1-1/2" Regular Tee (Compression)	174.30	
33 01 30 51-0184	EA	2" Regular Tee (Compression)	194.28	
33 01 30 51-0185	EA	2" x 2" x 1-1/4" Regular Reducing Tee (Compression)	191.59	

33 01 30 51-0186 Steel Compression Repair Fittings, Male Adapters *(33 01 30 51-0110)*

Note: Includes armored gaskets.

33 01 30 51-0187	EA	3/4" Male Adapter (Compression)	59.91	
33 01 30 51-0188	EA	1" Male Adapter (Compression)	66.99	
33 01 30 51-0189	EA	1-1/4" Male Adapter (Compression)	86.53	
33 01 30 51-0190	EA	1-1/2" Male Adapter (Compression)	98.43	
33 01 30 51-0191	EA	2" Male Adapter (Compression)	111.58	
33 01 30 51-0192	EA	1" x 1-1/4" Male Adapter (Compression)	86.10	

33 01 30 51-0193 Steel Compression Repair Fittings, Line Caps *(33 01 30 51-0110)*

Note: Includes armored gaskets.

33 01 30 51-0194	EA	3/4" Line Caps (Compression)	32.02	
33 01 30 51-0195	EA	1" Line Caps (Compression)	37.29	
33 01 30 51-0196	EA	1-1/4" Line Caps (Compression)	42.63	
33 01 30 51-0197	EA	1-1/2" Line Caps (Compression)	50.39	
33 01 30 51-0198	EA	2" Line Caps (Compression)	62.09	

33 01 30 51-0199 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes Buna S gasket. Dresser style 38

33 01 30 51-0200	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket	39.89	
33 01 30 51-0201	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket	50.73	
33 01 30 51-0202	EA	1" Coupling, 5" Middle Ring With Buna S Gasket	60.22	
33 01 30 51-0203	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket	74.38	
33 01 30 51-0204	EA	2" Coupling, 4" Middle Ring With Buna S Gasket	91.79	
33 01 30 51-0205	EA	2" Coupling, 5" Middle Ring With Buna S Gasket	109.05	
33 01 30 51-0206	EA	2" Coupling, 7" Middle Ring With Buna S Gasket	104.76	
33 01 30 51-0207	EA	3" Coupling, 4" Middle Ring With Buna S Gasket	141.98	
33 01 30 51-0208	EA	3" Coupling, 5" Middle Ring With Buna S Gasket	144.58	
33 01 30 51-0209	EA	3" Coupling, 7" Middle Ring With Buna S Gasket	147.18	
33 01 30 51-0210	EA	4" Coupling, 4" Middle Ring With Buna S Gasket	170.15	
33 01 30 51-0211	EA	4" Coupling, 5" Middle Ring With Buna S Gasket	174.56	
33 01 30 51-0212	EA	4" Coupling, 7" Middle Ring With Buna S Gasket	180.09	
33 01 30 51-0213	EA	5" Coupling, 4" Middle Ring With Buna S Gasket	214.15	
33 01 30 51-0214	EA	5" Coupling, 5" Middle Ring With Buna S Gasket	215.89	
33 01 30 51-0215	EA	5" Coupling, 7" Middle Ring With Buna S Gasket	222.23	
33 01 30 51-0216	EA	6" Coupling, 4" Middle Ring With Buna S Gasket	234.85	
33 01 30 51-0217	EA	6" Coupling, 5" Middle Ring With Buna S Gasket	239.56	
33 01 30 51-0218	EA	6" Coupling, 7" Middle Ring With Buna S Gasket	245.58	
33 01 30 51-0219	EA	8" Coupling, 4" Middle Ring With Buna S Gasket	274.77	
33 01 30 51-0220	EA	8" Coupling, 5" Middle Ring With Buna S Gasket	281.74	
33 01 30 51-0221	EA	8" Coupling, 7" Middle Ring With Buna S Gasket	287.46	
33 01 30 51-0222	EA	10" Coupling, 5" Middle Ring With Buna S Gasket	326.62	
33 01 30 51-0223	EA	10" Coupling, 7" Middle Ring With Buna S Gasket	359.51	
33 01 30 51-0224	EA	12" Coupling, 5" Middle Ring With Buna S Gasket	370.67	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0225	EA	12" Coupling, 7" Middle Ring With Buna S Gasket	440.39	
33 01 30 51-0226	EA	14" Coupling, 7" Middle Ring With Buna S Gasket	501.10	
33 01 30 51-0227	EA	16" Coupling, 7" Middle Ring With Buna S Gasket	582.39	
33 01 30 51-0228	EA	18" Coupling, 7" Middle Ring With Buna S Gasket	637.85	
33 01 30 51-0229	EA	20" Coupling, 7" Middle Ring With Buna S Gasket	688.12	
33 01 30 51-0230	EA	22" Coupling, 7" Middle Ring With Buna S Gasket	825.48	
33 01 30 51-0231	EA	24" Coupling, 7" Middle Ring With Buna S Gasket	871.84	

33 01 30 51-0232 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes Buna S gasket, protected. Dresser style 38.

33 01 30 51-0233	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket, Protected	40.64	
33 01 30 51-0234	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	50.63	
33 01 30 51-0235	EA	1" Coupling, 5" Middle Ring With Buna S Gasket, Protected	60.17	
33 01 30 51-0236	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	74.04	
33 01 30 51-0237	EA	2" Coupling, 4" Middle Ring With Buna S Gasket, Protected	101.71	
33 01 30 51-0238	EA	2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	100.34	
33 01 30 51-0239	EA	2" Coupling, 7" Middle Ring With Buna S Gasket, Protected	101.03	
33 01 30 51-0240	EA	3" Coupling, 4" Middle Ring With Buna S Gasket, Protected	147.18	
33 01 30 51-0241	EA	3" Coupling, 5" Middle Ring With Buna S Gasket, Protected	149.78	
33 01 30 51-0242	EA	3" Coupling, 7" Middle Ring With Buna S Gasket, Protected	152.38	
33 01 30 51-0243	EA	4" Coupling, 4" Middle Ring With Buna S Gasket, Protected	177.23	
33 01 30 51-0244	EA	4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	172.65	
33 01 30 51-0245	EA	4" Coupling, 7" Middle Ring With Buna S Gasket, Protected	175.06	
33 01 30 51-0246	EA	5" Coupling, 4" Middle Ring With Buna S Gasket, Protected	223.27	
33 01 30 51-0247	EA	5" Coupling, 5" Middle Ring With Buna S Gasket, Protected	224.55	
33 01 30 51-0248	EA	5" Coupling, 7" Middle Ring With Buna S Gasket, Protected	283.52	
33 01 30 51-0249	EA	6" Coupling, 4" Middle Ring With Buna S Gasket, Protected	237.64	
33 01 30 51-0250	EA	6" Coupling, 5" Middle Ring With Buna S Gasket, Protected	244.41	
33 01 30 51-0251	EA	6" Coupling, 7" Middle Ring With Buna S Gasket, Protected	247.02	
33 01 30 51-0252	EA	8" Coupling, 4" Middle Ring With Buna S Gasket, Protected	289.90	
33 01 30 51-0253	EA	8" Coupling, 5" Middle Ring With Buna S Gasket, Protected	292.47	
33 01 30 51-0254	EA	8" Coupling, 7" Middle Ring With Buna S Gasket, Protected	296.61	
33 01 30 51-0255	EA	10" Coupling, 5" Middle Ring With Buna S Gasket, Protected	332.86	
33 01 30 51-0256	EA	10" Coupling, 7" Middle Ring With Buna S Gasket, Protected	366.01	
33 01 30 51-0257	EA	12" Coupling, 5" Middle Ring With Buna S Gasket, Protected	377.17	
33 01 30 51-0258	EA	12" Coupling, 7" Middle Ring With Buna S Gasket, Protected	446.75	
33 01 30 51-0259	EA	14" Coupling, 7" Middle Ring With Buna S Gasket, Protected	507.60	
33 01 30 51-0260	EA	16" Coupling, 7" Middle Ring With Buna S Gasket, Protected	592.14	
33 01 30 51-0261	EA	18" Coupling, 7" Middle Ring With Buna S Gasket, Protected	650.85	
33 01 30 51-0262	EA	20" Coupling, 7" Middle Ring With Buna S Gasket, Protected	701.12	
33 01 30 51-0263	EA	22" Coupling, 7" Middle Ring With Buna S Gasket, Protected	838.48	
33 01 30 51-0264	EA	24" Coupling, 7" Middle Ring With Buna S Gasket, Protected	884.84	

33 01 30 51-0265 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes Buna N gasket, protected. Dresser style 38.

33 01 30 51-0266	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna N Gasket, Protected	45.26	
33 01 30 51-0267	EA	3/4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	55.33	
33 01 30 51-0268	EA	1" Coupling, 5" Middle Ring With Buna N Gasket, Protected	65.69	
33 01 30 51-0269	EA	1-1/2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	81.21	
33 01 30 51-0270	EA	2" Coupling, 4" Middle Ring With Buna N Gasket, Protected	101.71	
33 01 30 51-0271	EA	2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	113.32	
33 01 30 51-0272	EA	2" Coupling, 7" Middle Ring With Buna N Gasket, Protected	117.18	
33 01 30 51-0273	EA	3" Coupling, 4" Middle Ring With Buna N Gasket, Protected	147.18	
33 01 30 51-0274	EA	3" Coupling, 5" Middle Ring With Buna N Gasket, Protected	149.78	
33 01 30 51-0275	EA	3" Coupling, 7" Middle Ring With Buna N Gasket, Protected	152.38	
33 01 30 51-0276	EA	4" Coupling, 4" Middle Ring With Buna N Gasket, Protected	177.23	
33 01 30 51-0277	EA	4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	186.50	
33 01 30 51-0278	EA	4" Coupling, 7" Middle Ring With Buna N Gasket, Protected	190.03	
33 01 30 51-0279	EA	5" Coupling, 4" Middle Ring With Buna N Gasket, Protected	223.27	
33 01 30 51-0280	EA	5" Coupling, 5" Middle Ring With Buna N Gasket, Protected	224.55	
33 01 30 51-0281	EA	5" Coupling, 7" Middle Ring With Buna N Gasket, Protected	239.43	
33 01 30 51-0282	EA	6" Coupling, 4" Middle Ring With Buna N Gasket, Protected	237.64	
33 01 30 51-0283	EA	6" Coupling, 5" Middle Ring With Buna N Gasket, Protected	244.41	
33 01 30 51-0284	EA	6" Coupling, 7" Middle Ring With Buna N Gasket, Protected	247.02	
33 01 30 51-0285	EA	8" Coupling, 4" Middle Ring With Buna N Gasket, Protected	289.90	
33 01 30 51-0286	EA	8" Coupling, 5" Middle Ring With Buna N Gasket, Protected	292.47	
33 01 30 51-0287	EA	8" Coupling, 7" Middle Ring With Buna N Gasket, Protected	296.61	
33 01 30 51-0288	EA	10" Coupling, 5" Middle Ring With Buna N Gasket, Protected	332.86	
33 01 30 51-0289	EA	10" Coupling, 7" Middle Ring With Buna N Gasket, Protected	366.01	
33 01 30 51-0290	EA	12" Coupling, 5" Middle Ring With Buna N Gasket, Protected	377.17	
33 01 30 51-0291	EA	12" Coupling, 7" Middle Ring With Buna N Gasket, Protected	446.75	
33 01 30 51-0292	EA	14" Coupling, 7" Middle Ring With Buna N Gasket, Protected	507.60	
33 01 30 51-0293	EA	16" Coupling, 7" Middle Ring With Buna N Gasket, Protected	582.39	
33 01 30 51-0294	EA	18" Coupling, 7" Middle Ring With Buna N Gasket, Protected	650.85	
33 01 30 51-0295	EA	20" Coupling, 7" Middle Ring With Buna N Gasket, Protected	701.12	
33 01 30 51-0296	EA	22" Coupling, 7" Middle Ring With Buna N Gasket, Protected	838.48	
33 01 30 51-0297	EA	24" Coupling, 7" Middle Ring With Buna N Gasket, Protected	884.84	

33 01 30 51-0298 Couplings For Steel Pipe *(33 01 30 51-0079)*

Note: Includes high temperature carded glass gasket, protected. Dresser style 38.

33 01 30 51-0299	EA	3/4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	71.64	
33 01 30 51-0300	EA	1" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	80.60	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0301	EA	1-1/2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	90.30	
33 01 30 51-0302	EA	2" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	129.20	
33 01 30 51-0303	EA	2" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	136.32	
33 01 30 51-0304	EA	2" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	139.94	
33 01 30 51-0305	EA	3" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	172.24	
33 01 30 51-0306	EA	3" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	171.42	
33 01 30 51-0307	EA	4" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	199.50	
33 01 30 51-0308	EA	4" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	203.03	
33 01 30 51-0309	EA	5" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	264.91	
33 01 30 51-0310	EA	5" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	269.59	
33 01 30 51-0311	EA	6" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	288.51	
33 01 30 51-0312	EA	6" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	291.62	
33 01 30 51-0313	EA	8" Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	312.20	
33 01 30 51-0314	EA	8" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	358.72	
33 01 30 51-0315	EA	8" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	377.69	
33 01 30 51-0316	EA	10" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	397.59	
33 01 30 51-0317	EA	10" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	397.53	
33 01 30 51-0318	EA	12" Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	487.89	
33 01 30 51-0319	EA	12" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	502.18	
33 01 30 51-0320	EA	14" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	572.89	
33 01 30 51-0321	EA	16" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	692.77	
33 01 30 51-0322	EA	18" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	695.05	
33 01 30 51-0323	EA	20" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	768.07	
33 01 30 51-0324	EA	22" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	830.03	
33 01 30 51-0325	EA	24" Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	897.84	

33 01 30 51-0326 Polyseal Pipe Coupler *(33 01 30 51-0001)*

33 01 30 51-0327	EA	18" Diameter Pipe, PolySeal Repair Couplers (MarMac)	255.21	
33 01 30 51-0328	EA	24" Diameter Pipe, PolySeal Repair Couplers (MarMac)	288.55	

33 01 30 71 Relining Sewer Utilities Pipelines *(33 01 30)*

33 01 30 71-0001 Relining Underground Pipelines *(33 01 30 71)*

Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV Inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 71-0002 Lining Pipe, Spray Applied With Structural Polyurethane *(33 01 30 71-0001)*

Note: Two part structural polyurethane.

33 01 30 71-0003 Mobilization And Setup For Spray Applied Structural Polyurethane Lining *(33 01 30 71-0002)*

33 01 30 71-0004	EA	Initial Set Up And Final Equipment Removal For Spray Applied Structural Polyurethane Lining	1,472.53	

33 01 30 71-0005 Lining Pipe, Spray Applied With 100 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0006	LF	36" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	38.27	
		For Up To 75, Add	*8.45*	
		For >75 To 150, Add	*3.83*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000 To 2,000, Deduct	*-2.09*	
		For >2,000 To 5,000, Deduct	*-3.25*	
		For >5,000, Deduct	*-4.62*	
33 01 30 71-0007	LF	42" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	44.65	
		For Up To 75, Add	*9.86*	
		For >75 To 150, Add	*4.47*	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000 To 2,000, Deduct	*-2.43*	
		For >2,000 To 5,000, Deduct	*-3.79*	
		For >5,000, Deduct	*-5.39*	
33 01 30 71-0008	LF	48" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	51.03	
		For Up To 75, Add	*11.27*	
		For >75 To 150, Add	*5.10*	
		For >500 To 1,000, Deduct	*-1.44*	
		For >1,000 To 2,000, Deduct	*-2.78*	
		For >2,000 To 5,000, Deduct	*-4.33*	
		For >5,000, Deduct	*-6.16*	
33 01 30 71-0009	LF	54" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	57.41	
		For Up To 75, Add	*12.67*	
		For >75 To 150, Add	*5.74*	
		For >500 To 1,000, Deduct	*-1.62*	
		For >1,000 To 2,000, Deduct	*-3.13*	
		For >2,000 To 5,000, Deduct	*-4.87*	
		For >5,000, Deduct	*-6.93*	
33 01 30 71-0010	LF	60" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	63.79	
		For Up To 75, Add	*14.08*	
		For >75 To 150, Add	*6.38*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000 To 2,000, Deduct	*-3.48*	
		For >2,000 To 5,000, Deduct	*-5.42*	
		For >5,000, Deduct	*-7.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0011	LF	66" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	70.17	
		For Up To 75, Add	*15.49*	
		For >75 To 150, Add	*7.02*	
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000 To 2,000, Deduct	*-3.83*	
		For >2,000 To 5,000, Deduct	*-5.96*	
		For >5,000, Deduct	*-8.47*	
33 01 30 71-0012	LF	72" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	76.55	
		For Up To 75, Add	*16.90*	
		For >75 To 150, Add	*7.66*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000 To 2,000, Deduct	*-4.17*	
		For >2,000 To 5,000, Deduct	*-6.50*	
		For >5,000, Deduct	*-9.24*	
33 01 30 71-0013	LF	78" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	82.92	
		For Up To 75, Add	*18.30*	
		For >75 To 150, Add	*8.29*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000 To 2,000, Deduct	*-4.52*	
		For >2,000 To 5,000, Deduct	*-7.04*	
		For >5,000, Deduct	*-10.01*	
33 01 30 71-0014	LF	84" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	89.31	
		For Up To 75, Add	*19.72*	
		For >75 To 150, Add	*8.93*	
		For >500 To 1,000, Deduct	*-2.53*	
		For >1,000 To 2,000, Deduct	*-4.87*	
		For >2,000 To 5,000, Deduct	*-7.58*	
		For >5,000, Deduct	*-10.78*	
33 01 30 71-0015	LF	90" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	95.67	
		For Up To 75, Add	*21.12*	
		For >75 To 150, Add	*9.57*	
		For >500 To 1,000, Deduct	*-2.71*	
		For >1,000 To 2,000, Deduct	*-5.22*	
		For >2,000 To 5,000, Deduct	*-8.12*	
		For >5,000, Deduct	*-11.55*	
33 01 30 71-0016	LF	96" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	102.06	
		For Up To 75, Add	*22.53*	
		For >75 To 150, Add	*10.21*	
		For >500 To 1,000, Deduct	*-2.89*	
		For >1,000 To 2,000, Deduct	*-5.57*	
		For >2,000 To 5,000, Deduct	*-8.67*	
		For >5,000, Deduct	*-12.32*	
33 01 30 71-0017	LF	102" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	108.45	
		For Up To 75, Add	*23.94*	
		For >75 To 150, Add	*10.85*	
		For >500 To 1,000, Deduct	*-3.07*	
		For >1,000 To 2,000, Deduct	*-5.91*	
		For >2,000 To 5,000, Deduct	*-9.21*	
		For >5,000, Deduct	*-13.10*	
33 01 30 71-0018	LF	108" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	114.82	
		For Up To 75, Add	*25.35*	
		For >75 To 150, Add	*11.48*	
		For >500 To 1,000, Deduct	*-3.25*	
		For >1,000 To 2,000, Deduct	*-6.26*	
		For >2,000 To 5,000, Deduct	*-9.75*	
		For >5,000, Deduct	*-13.86*	
33 01 30 71-0019	LF	114" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	121.20	
		For Up To 75, Add	*26.76*	
		For >75 To 150, Add	*12.12*	
		For >500 To 1,000, Deduct	*-3.43*	
		For >1,000 To 2,000, Deduct	*-6.61*	
		For >2,000 To 5,000, Deduct	*-10.29*	
		For >5,000, Deduct	*-14.64*	
33 01 30 71-0020	LF	120" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	127.57	
		For Up To 75, Add	*28.16*	
		For >75 To 150, Add	*12.76*	
		For >500 To 1,000, Deduct	*-3.61*	
		For >1,000 To 2,000, Deduct	*-6.96*	
		For >2,000 To 5,000, Deduct	*-10.83*	
		For >5,000, Deduct	*-15.40*	
33 01 30 71-0021	SF	Structure Lining, Spray Applied With 100 mil Structural Polyurethane	4.06	

33 01 30 71-0022 Lining Pipe, Spray Applied With 150 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0023	LF	36" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	50.33	
		For Up To 75, Add	*10.90*	
		For >75 To 150, Add	*5.03*	
		For >500 To 1,000, Deduct	*-1.34*	
		For >1,000 To 2,000, Deduct	*-2.60*	
		For >2,000 To 5,000, Deduct	*-4.02*	
		For >5,000, Deduct	*-5.87*	
33 01 30 71-0024	LF	42" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	58.71	
		For Up To 75, Add	*12.72*	
		For >75 To 150, Add	*5.87*	
		For >500 To 1,000, Deduct	*-1.56*	
		For >1,000 To 2,000, Deduct	*-3.03*	
		For >2,000 To 5,000, Deduct	*-4.69*	
		For >5,000, Deduct	*-6.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0025	LF	48" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	67.10	
		For Up To 75, Add	*14.53*	
		For >75 To 150, Add	*6.71*	
		For >500 To 1,000, Deduct	*-1.79*	
		For >1,000 To 2,000, Deduct	*-3.46*	
		For >2,000 To 5,000, Deduct	*-5.36*	
		For >5,000, Deduct	*-7.82*	
33 01 30 71-0026	LF	54" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	75.49	
		For Up To 75, Add	*16.35*	
		For >75 To 150, Add	*7.55*	
		For >500 To 1,000, Deduct	*-2.01*	
		For >1,000 To 2,000, Deduct	*-3.90*	
		For >2,000 To 5,000, Deduct	*-6.03*	
		For >5,000, Deduct	*-8.80*	
33 01 30 71-0027	LF	60" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	83.88	
		For Up To 75, Add	*18.17*	
		For >75 To 150, Add	*8.39*	
		For >500 To 1,000, Deduct	*-2.24*	
		For >1,000 To 2,000, Deduct	*-4.33*	
		For >2,000 To 5,000, Deduct	*-6.71*	
		For >5,000, Deduct	*-9.78*	
33 01 30 71-0028	LF	66" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	92.26	
		For Up To 75, Add	*19.98*	
		For >75 To 150, Add	*9.23*	
		For >500 To 1,000, Deduct	*-2.46*	
		For >1,000 To 2,000, Deduct	*-4.76*	
		For >2,000 To 5,000, Deduct	*-7.37*	
		For >5,000, Deduct	*-10.76*	
33 01 30 71-0029	LF	72" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	100.65	
		For Up To 75, Add	*21.80*	
		For >75 To 150, Add	*10.07*	
		For >500 To 1,000, Deduct	*-2.68*	
		For >1,000 To 2,000, Deduct	*-5.20*	
		For >2,000 To 5,000, Deduct	*-8.05*	
		For >5,000, Deduct	*-11.74*	
33 01 30 71-0030	LF	78" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	109.03	
		For Up To 75, Add	*23.62*	
		For >75 To 150, Add	*10.90*	
		For >500 To 1,000, Deduct	*-2.91*	
		For >1,000 To 2,000, Deduct	*-5.63*	
		For >2,000 To 5,000, Deduct	*-8.72*	
		For >5,000, Deduct	*-12.71*	
33 01 30 71-0031	LF	84" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	117.42	
		For Up To 75, Add	*25.43*	
		For >75 To 150, Add	*11.74*	
		For >500 To 1,000, Deduct	*-3.13*	
		For >1,000 To 2,000, Deduct	*-6.06*	
		For >2,000 To 5,000, Deduct	*-9.39*	
		For >5,000, Deduct	*-13.69*	
33 01 30 71-0032	LF	90" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	125.81	
		For Up To 75, Add	*27.25*	
		For >75 To 150, Add	*12.58*	
		For >500 To 1,000, Deduct	*-3.35*	
		For >1,000 To 2,000, Deduct	*-6.50*	
		For >2,000 To 5,000, Deduct	*-10.06*	
		For >5,000, Deduct	*-14.67*	
33 01 30 71-0033	LF	96" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	134.20	
		For Up To 75, Add	*29.07*	
		For >75 To 150, Add	*13.42*	
		For >500 To 1,000, Deduct	*-3.58*	
		For >1,000 To 2,000, Deduct	*-6.93*	
		For >2,000 To 5,000, Deduct	*-10.73*	
		For >5,000, Deduct	*-15.65*	
33 01 30 71-0034	LF	102" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	142.58	
		For Up To 75, Add	*30.88*	
		For >75 To 150, Add	*14.26*	
		For >500 To 1,000, Deduct	*-3.80*	
		For >1,000 To 2,000, Deduct	*-7.36*	
		For >2,000 To 5,000, Deduct	*-11.40*	
		For >5,000, Deduct	*-16.63*	
33 01 30 71-0035	LF	108" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	150.98	
		For Up To 75, Add	*32.70*	
		For >75 To 150, Add	*15.10*	
		For >500 To 1,000, Deduct	*-4.02*	
		For >1,000 To 2,000, Deduct	*-7.79*	
		For >2,000 To 5,000, Deduct	*-12.07*	
		For >5,000, Deduct	*-17.61*	
33 01 30 71-0036	LF	114" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	159.36	
		For Up To 75, Add	*34.52*	
		For >75 To 150, Add	*15.94*	
		For >500 To 1,000, Deduct	*-4.25*	
		For >1,000 To 2,000, Deduct	*-8.23*	
		For >2,000 To 5,000, Deduct	*-12.74*	
		For >5,000, Deduct	*-18.58*	
33 01 30 71-0037	LF	120" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	167.75	
		For Up To 75, Add	*36.34*	
		For >75 To 150, Add	*16.78*	
		For >500 To 1,000, Deduct	*-4.47*	
		For >1,000 To 2,000, Deduct	*-8.66*	
		For >2,000 To 5,000, Deduct	*-13.41*	
		For >5,000, Deduct	*-19.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0038	SF	Structure Lining, Spray Applied With 150 mil Structural Polyurethane	5.35	
33 01 30 71-0039		Lining Pipe, Spray Applied With 200 mil Structural Polyurethane *(33 01 30 71-0002)*		
		Note: Two part structural polyurethane.		
33 01 30 71-0040	LF	36" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	62.38	
		For Up To 75, Add	*13.36*	
		For >75 To 150, Add	*6.24*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000 To 2,000, Deduct	*-3.11*	
		For >2,000 To 5,000, Deduct	*-4.80*	
		For >5,000, Deduct	*-7.12*	
33 01 30 71-0041	LF	42" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	72.78	
		For Up To 75, Add	*15.58*	
		For >75 To 150, Add	*7.28*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000 To 2,000, Deduct	*-3.63*	
		For >2,000 To 5,000, Deduct	*-5.60*	
		For >5,000, Deduct	*-8.31*	
33 01 30 71-0042	LF	48" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	83.16	
		For Up To 75, Add	*17.81*	
		For >75 To 150, Add	*8.32*	
		For >500 To 1,000, Deduct	*-2.13*	
		For >1,000 To 2,000, Deduct	*-4.15*	
		For >2,000 To 5,000, Deduct	*-6.40*	
		For >5,000, Deduct	*-9.49*	
33 01 30 71-0043	LF	54" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	93.57	
		For Up To 75, Add	*20.03*	
		For >75 To 150, Add	*9.36*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000 To 2,000, Deduct	*-4.67*	
		For >2,000 To 5,000, Deduct	*-7.20*	
		For >5,000, Deduct	*-10.68*	
33 01 30 71-0044	LF	60" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	103.96	
		For Up To 75, Add	*22.26*	
		For >75 To 150, Add	*10.40*	
		For >500 To 1,000, Deduct	*-2.67*	
		For >1,000 To 2,000, Deduct	*-5.18*	
		For >2,000 To 5,000, Deduct	*-8.00*	
		For >5,000, Deduct	*-11.86*	
33 01 30 71-0045	LF	66" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	114.35	
		For Up To 75, Add	*24.48*	
		For >75 To 150, Add	*11.44*	
		For >500 To 1,000, Deduct	*-2.93*	
		For >1,000 To 2,000, Deduct	*-5.70*	
		For >2,000 To 5,000, Deduct	*-8.80*	
		For >5,000, Deduct	*-13.05*	
33 01 30 71-0046	LF	72" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	124.76	
		For Up To 75, Add	*26.71*	
		For >75 To 150, Add	*12.48*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000 To 2,000, Deduct	*-6.22*	
		For >2,000 To 5,000, Deduct	*-9.60*	
		For >5,000, Deduct	*-14.24*	
33 01 30 71-0047	LF	78" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	135.15	
		For Up To 75, Add	*28.94*	
		For >75 To 150, Add	*13.52*	
		For >500 To 1,000, Deduct	*-3.47*	
		For >1,000 To 2,000, Deduct	*-6.74*	
		For >2,000 To 5,000, Deduct	*-10.40*	
		For >5,000, Deduct	*-15.42*	
33 01 30 71-0048	LF	84" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	145.55	
		For Up To 75, Add	*31.16*	
		For >75 To 150, Add	*14.56*	
		For >500 To 1,000, Deduct	*-3.73*	
		For >1,000 To 2,000, Deduct	*-7.26*	
		For >2,000 To 5,000, Deduct	*-11.20*	
		For >5,000, Deduct	*-16.61*	
33 01 30 71-0049	LF	90" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	155.95	
		For Up To 75, Add	*33.39*	
		For >75 To 150, Add	*15.60*	
		For >500 To 1,000, Deduct	*-4.00*	
		For >1,000 To 2,000, Deduct	*-7.78*	
		For >2,000 To 5,000, Deduct	*-12.00*	
		For >5,000, Deduct	*-17.80*	
33 01 30 71-0050	LF	96" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	166.34	
		For Up To 75, Add	*35.61*	
		For >75 To 150, Add	*16.63*	
		For >500 To 1,000, Deduct	*-4.27*	
		For >1,000 To 2,000, Deduct	*-8.30*	
		For >2,000 To 5,000, Deduct	*-12.80*	
		For >5,000, Deduct	*-18.98*	
33 01 30 71-0051	LF	102" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	176.74	
		For Up To 75, Add	*37.84*	
		For >75 To 150, Add	*17.67*	
		For >500 To 1,000, Deduct	*-4.53*	
		For >1,000 To 2,000, Deduct	*-8.82*	
		For >2,000 To 5,000, Deduct	*-13.60*	
		For >5,000, Deduct	*-20.17*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0052	LF	108" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	187.14	
		For Up To 75, Add	*40.07*	
		For >75 To 150, Add	*18.71*	
		For >500 To 1,000, Deduct	*-4.80*	
		For >1,000 To 2,000, Deduct	*-9.33*	
		For >2,000 To 5,000, Deduct	*-14.40*	
		For >5,000, Deduct	*-21.35*	
33 01 30 71-0053	LF	114" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	197.53	
		For Up To 75, Add	*42.29*	
		For >75 To 150, Add	*19.75*	
		For >500 To 1,000, Deduct	*-5.07*	
		For >1,000 To 2,000, Deduct	*-9.85*	
		For >2,000 To 5,000, Deduct	*-15.20*	
		For >5,000, Deduct	*-22.54*	
33 01 30 71-0054	LF	120" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	207.93	
		For Up To 75, Add	*44.52*	
		For >75 To 150, Add	*20.79*	
		For >500 To 1,000, Deduct	*-5.33*	
		For >1,000 To 2,000, Deduct	*-10.37*	
		For >2,000 To 5,000, Deduct	*-16.00*	
		For >5,000, Deduct	*-23.73*	
33 01 30 71-0055	SF	Structure Lining, Spray Applied With 200 mil Structural Polyurethane	6.62	

33 01 30 71-0056 Lining Pipe, Spray Applied With 250 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0057	LF	36" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	74.50	
		For Up To 75, Add	*15.83*	
		For >75 To 150, Add	*7.45*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000 To 2,000, Deduct	*-3.63*	
		For >2,000 To 5,000, Deduct	*-5.58*	
		For >5,000, Deduct	*-8.38*	
33 01 30 71-0058	LF	42" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	86.91	
		For Up To 75, Add	*18.46*	
		For >75 To 150, Add	*8.69*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000 To 2,000, Deduct	*-4.23*	
		For >2,000 To 5,000, Deduct	*-6.51*	
		For >5,000, Deduct	*-9.77*	
33 01 30 71-0059	LF	48" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	99.33	
		For Up To 75, Add	*21.10*	
		For >75 To 150, Add	*9.93*	
		For >500 To 1,000, Deduct	*-2.48*	
		For >1,000 To 2,000, Deduct	*-4.84*	
		For >2,000 To 5,000, Deduct	*-7.44*	
		For >5,000, Deduct	*-11.17*	
33 01 30 71-0060	LF	54" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	111.75	
		For Up To 75, Add	*23.74*	
		For >75 To 150, Add	*11.18*	
		For >500 To 1,000, Deduct	*-2.79*	
		For >1,000 To 2,000, Deduct	*-5.44*	
		For >2,000 To 5,000, Deduct	*-8.37*	
		For >5,000, Deduct	*-12.56*	
33 01 30 71-0061	LF	60" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	124.17	
		For Up To 75, Add	*26.38*	
		For >75 To 150, Add	*12.42*	
		For >500 To 1,000, Deduct	*-3.10*	
		For >1,000 To 2,000, Deduct	*-6.05*	
		For >2,000 To 5,000, Deduct	*-9.30*	
		For >5,000, Deduct	*-13.96*	
33 01 30 71-0062	LF	66" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	136.58	
		For Up To 75, Add	*29.01*	
		For >75 To 150, Add	*13.66*	
		For >500 To 1,000, Deduct	*-3.41*	
		For >1,000 To 2,000, Deduct	*-6.65*	
		For >2,000 To 5,000, Deduct	*-10.23*	
		For >5,000, Deduct	*-15.36*	
33 01 30 71-0063	LF	72" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	149.01	
		For Up To 75, Add	*31.66*	
		For >75 To 150, Add	*14.90*	
		For >500 To 1,000, Deduct	*-3.72*	
		For >1,000 To 2,000, Deduct	*-7.26*	
		For >2,000 To 5,000, Deduct	*-11.16*	
		For >5,000, Deduct	*-16.75*	
33 01 30 71-0064	LF	78" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	161.42	
		For Up To 75, Add	*34.29*	
		For >75 To 150, Add	*16.14*	
		For >500 To 1,000, Deduct	*-4.03*	
		For >1,000 To 2,000, Deduct	*-7.86*	
		For >2,000 To 5,000, Deduct	*-12.09*	
		For >5,000, Deduct	*-18.15*	
33 01 30 71-0065	LF	84" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	173.82	
		For Up To 75, Add	*36.93*	
		For >75 To 150, Add	*17.38*	
		For >500 To 1,000, Deduct	*-4.34*	
		For >1,000 To 2,000, Deduct	*-8.47*	
		For >2,000 To 5,000, Deduct	*-13.02*	
		For >5,000, Deduct	*-19.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0066	LF	90" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	186.25	
		For Up To 75, Add	*39.57*	
		For >75 To 150, Add	*18.63*	
		For >500 To 1,000, Deduct	*-4.65*	
		For >1,000 To 2,000, Deduct	*-9.07*	
		For >2,000 To 5,000, Deduct	*-13.95*	
		For >5,000, Deduct	*-20.94*	
33 01 30 71-0067	LF	96" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	198.66	
		For Up To 75, Add	*42.20*	
		For >75 To 150, Add	*19.87*	
		For >500 To 1,000, Deduct	*-4.96*	
		For >1,000 To 2,000, Deduct	*-9.68*	
		For >2,000 To 5,000, Deduct	*-14.88*	
		For >5,000, Deduct	*-22.34*	
33 01 30 71-0068	LF	102" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	211.08	
		For Up To 75, Add	*44.84*	
		For >75 To 150, Add	*21.11*	
		For >500 To 1,000, Deduct	*-5.27*	
		For >1,000 To 2,000, Deduct	*-10.28*	
		For >2,000 To 5,000, Deduct	*-15.81*	
		For >5,000, Deduct	*-23.73*	
33 01 30 71-0069	LF	108" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	223.50	
		For Up To 75, Add	*47.48*	
		For >75 To 150, Add	*22.35*	
		For >500 To 1,000, Deduct	*-5.58*	
		For >1,000 To 2,000, Deduct	*-10.89*	
		For >2,000 To 5,000, Deduct	*-16.74*	
		For >5,000, Deduct	*-25.13*	
33 01 30 71-0070	LF	114" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	235.92	
		For Up To 75, Add	*50.12*	
		For >75 To 150, Add	*23.59*	
		For >500 To 1,000, Deduct	*-5.89*	
		For >1,000 To 2,000, Deduct	*-11.49*	
		For >2,000 To 5,000, Deduct	*-17.68*	
		For >5,000, Deduct	*-26.53*	
33 01 30 71-0071	LF	120" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	248.34	
		For Up To 75, Add	*52.76*	
		For >75 To 150, Add	*24.83*	
		For >500 To 1,000, Deduct	*-6.20*	
		For >1,000 To 2,000, Deduct	*-12.10*	
		For >2,000 To 5,000, Deduct	*-18.61*	
		For >5,000, Deduct	*-27.92*	
33 01 30 71-0072	SF	Structure Lining, Spray Applied With 250 mil Structural Polyurethane	7.90	

33 01 30 71-0073 Lining Pipe, Spray Applied With 300 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0074	LF	36" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	86.71	
		For Up To 75, Add	*18.32*	
		For >75 To 150, Add	*8.67*	
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000 To 2,000, Deduct	*-4.15*	
		For >2,000 To 5,000, Deduct	*-6.37*	
		For >5,000, Deduct	*-9.65*	
33 01 30 71-0075	LF	42" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	101.16	
		For Up To 75, Add	*21.37*	
		For >75 To 150, Add	*10.12*	
		For >500 To 1,000, Deduct	*-2.48*	
		For >1,000 To 2,000, Deduct	*-4.84*	
		For >2,000 To 5,000, Deduct	*-7.43*	
		For >5,000, Deduct	*-11.25*	
33 01 30 71-0076	LF	48" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	115.61	
		For Up To 75, Add	*24.42*	
		For >75 To 150, Add	*11.56*	
		For >500 To 1,000, Deduct	*-2.83*	
		For >1,000 To 2,000, Deduct	*-5.53*	
		For >2,000 To 5,000, Deduct	*-8.50*	
		For >5,000, Deduct	*-12.86*	
33 01 30 71-0077	LF	54" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	130.07	
		For Up To 75, Add	*27.48*	
		For >75 To 150, Add	*13.01*	
		For >500 To 1,000, Deduct	*-3.19*	
		For >1,000 To 2,000, Deduct	*-6.23*	
		For >2,000 To 5,000, Deduct	*-9.56*	
		For >5,000, Deduct	*-14.47*	
33 01 30 71-0078	LF	60" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	144.52	
		For Up To 75, Add	*30.53*	
		For >75 To 150, Add	*14.45*	
		For >500 To 1,000, Deduct	*-3.54*	
		For >1,000 To 2,000, Deduct	*-6.92*	
		For >2,000 To 5,000, Deduct	*-10.62*	
		For >5,000, Deduct	*-16.08*	
33 01 30 71-0079	LF	66" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	158.97	
		For Up To 75, Add	*33.58*	
		For >75 To 150, Add	*15.90*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000 To 2,000, Deduct	*-7.61*	
		For >2,000 To 5,000, Deduct	*-11.68*	
		For >5,000, Deduct	*-17.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0080	LF	72" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	173.42	
		For Up To 75, Add	*36.63*	
		For >75 To 150, Add	*17.34*	
		For >500 To 1,000, Deduct	*-4.25*	
		For >1,000 To 2,000, Deduct	*-8.30*	
		For >2,000 To 5,000, Deduct	*-12.75*	
		For >5,000, Deduct	*-19.29*	
33 01 30 71-0081	LF	78" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	187.87	
		For Up To 75, Add	*39.69*	
		For >75 To 150, Add	*18.79*	
		For >500 To 1,000, Deduct	*-4.60*	
		For >1,000 To 2,000, Deduct	*-8.99*	
		For >2,000 To 5,000, Deduct	*-13.81*	
		For >5,000, Deduct	*-20.90*	
33 01 30 71-0082	LF	84" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	202.32	
		For Up To 75, Add	*42.74*	
		For >75 To 150, Add	*20.23*	
		For >500 To 1,000, Deduct	*-4.96*	
		For >1,000 To 2,000, Deduct	*-9.69*	
		For >2,000 To 5,000, Deduct	*-14.87*	
		For >5,000, Deduct	*-22.51*	
33 01 30 71-0083	LF	90" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	216.78	
		For Up To 75, Add	*45.79*	
		For >75 To 150, Add	*21.68*	
		For >500 To 1,000, Deduct	*-5.31*	
		For >1,000 To 2,000, Deduct	*-10.38*	
		For >2,000 To 5,000, Deduct	*-15.93*	
		For >5,000, Deduct	*-24.12*	
33 01 30 71-0084	LF	96" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	231.23	
		For Up To 75, Add	*48.85*	
		For >75 To 150, Add	*23.12*	
		For >500 To 1,000, Deduct	*-5.66*	
		For >1,000 To 2,000, Deduct	*-11.07*	
		For >2,000 To 5,000, Deduct	*-16.99*	
		For >5,000, Deduct	*-25.72*	
33 01 30 71-0085	LF	102" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	245.68	
		For Up To 75, Add	*51.90*	
		For >75 To 150, Add	*24.57*	
		For >500 To 1,000, Deduct	*-6.02*	
		For >1,000 To 2,000, Deduct	*-11.76*	
		For >2,000 To 5,000, Deduct	*-18.06*	
		For >5,000, Deduct	*-27.33*	
33 01 30 71-0086	LF	108" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	260.13	
		For Up To 75, Add	*54.95*	
		For >75 To 150, Add	*26.01*	
		For >500 To 1,000, Deduct	*-6.37*	
		For >1,000 To 2,000, Deduct	*-12.45*	
		For >2,000 To 5,000, Deduct	*-19.12*	
		For >5,000, Deduct	*-28.94*	
33 01 30 71-0087	LF	114" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	274.59	
		For Up To 75, Add	*58.01*	
		For >75 To 150, Add	*27.46*	
		For >500 To 1,000, Deduct	*-6.73*	
		For >1,000 To 2,000, Deduct	*-13.15*	
		For >2,000 To 5,000, Deduct	*-20.18*	
		For >5,000, Deduct	*-30.55*	
33 01 30 71-0088	LF	120" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	289.03	
		For Up To 75, Add	*61.06*	
		For >75 To 150, Add	*28.90*	
		For >500 To 1,000, Deduct	*-7.08*	
		For >1,000 To 2,000, Deduct	*-13.84*	
		For >2,000 To 5,000, Deduct	*-21.24*	
		For >5,000, Deduct	*-32.15*	
33 01 30 71-0089	SF	Structure Lining, Spray Applied With 300 mil Structural Polyurethane	9.20	

33 01 30 71-0090 Lining Pipe, Spray Applied With 400 mil Structural Polyurethane *(33 01 30 71-0002)*

Note: Two part structural polyurethane.

33 01 30 71-0091	LF	36" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	111.22	
		For Up To 75, Add	*23.33*	
		For >75 To 150, Add	*11.12*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000 To 2,000, Deduct	*-5.21*	
		For >2,000 To 5,000, Deduct	*-7.97*	
		For >5,000, Deduct	*-12.21*	
33 01 30 71-0092	LF	42" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	129.76	
		For Up To 75, Add	*27.22*	
		For >75 To 150, Add	*12.98*	
		For >500 To 1,000, Deduct	*-3.10*	
		For >1,000 To 2,000, Deduct	*-6.08*	
		For >2,000 To 5,000, Deduct	*-9.30*	
		For >5,000, Deduct	*-14.24*	
33 01 30 71-0093	LF	48" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	148.31	
		For Up To 75, Add	*31.11*	
		For >75 To 150, Add	*14.83*	
		For >500 To 1,000, Deduct	*-3.54*	
		For >1,000 To 2,000, Deduct	*-6.94*	
		For >2,000 To 5,000, Deduct	*-10.63*	
		For >5,000, Deduct	*-16.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0094	LF	54" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	166.84	
		For Up To 75, Add	*34.99*	
		For >75 To 150, Add	*16.68*	
		For >500 To 1,000, Deduct	*-3.99*	
		For >1,000 To 2,000, Deduct	*-7.81*	
		For >2,000 To 5,000, Deduct	*-11.96*	
		For >5,000, Deduct	*-18.31*	
33 01 30 71-0095	LF	60" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	185.38	
		For Up To 75, Add	*38.88*	
		For >75 To 150, Add	*18.54*	
		For >500 To 1,000, Deduct	*-4.43*	
		For >1,000 To 2,000, Deduct	*-8.68*	
		For >2,000 To 5,000, Deduct	*-13.29*	
		For >5,000, Deduct	*-20.34*	
33 01 30 71-0096	LF	66" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	203.92	
		For Up To 75, Add	*42.77*	
		For >75 To 150, Add	*20.39*	
		For >500 To 1,000, Deduct	*-4.87*	
		For >1,000 To 2,000, Deduct	*-9.55*	
		For >2,000 To 5,000, Deduct	*-14.62*	
		For >5,000, Deduct	*-22.38*	
33 01 30 71-0097	LF	72" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	222.45	
		For Up To 75, Add	*46.66*	
		For >75 To 150, Add	*22.25*	
		For >500 To 1,000, Deduct	*-5.32*	
		For >1,000 To 2,000, Deduct	*-10.41*	
		For >2,000 To 5,000, Deduct	*-15.95*	
		For >5,000, Deduct	*-24.41*	
33 01 30 71-0098	LF	78" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	240.99	
		For Up To 75, Add	*50.55*	
		For >75 To 150, Add	*24.10*	
		For >500 To 1,000, Deduct	*-5.76*	
		For >1,000 To 2,000, Deduct	*-11.28*	
		For >2,000 To 5,000, Deduct	*-17.28*	
		For >5,000, Deduct	*-26.45*	
33 01 30 71-0099	LF	84" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	259.53	
		For Up To 75, Add	*54.43*	
		For >75 To 150, Add	*25.95*	
		For >500 To 1,000, Deduct	*-6.20*	
		For >1,000 To 2,000, Deduct	*-12.15*	
		For >2,000 To 5,000, Deduct	*-18.61*	
		For >5,000, Deduct	*-28.48*	
33 01 30 71-0100	LF	90" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	278.07	
		For Up To 75, Add	*58.32*	
		For >75 To 150, Add	*27.81*	
		For >500 To 1,000, Deduct	*-6.65*	
		For >1,000 To 2,000, Deduct	*-13.02*	
		For >2,000 To 5,000, Deduct	*-19.94*	
		For >5,000, Deduct	*-30.52*	
33 01 30 71-0101	LF	96" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	296.60	
		For Up To 75, Add	*62.21*	
		For >75 To 150, Add	*29.66*	
		For >500 To 1,000, Deduct	*-7.09*	
		For >1,000 To 2,000, Deduct	*-13.89*	
		For >2,000 To 5,000, Deduct	*-21.26*	
		For >5,000, Deduct	*-32.55*	
33 01 30 71-0102	LF	102" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	315.15	
		For Up To 75, Add	*66.10*	
		For >75 To 150, Add	*31.52*	
		For >500 To 1,000, Deduct	*-7.53*	
		For >1,000 To 2,000, Deduct	*-14.76*	
		For >2,000 To 5,000, Deduct	*-22.59*	
		For >5,000, Deduct	*-34.59*	
33 01 30 71-0103	LF	108" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	333.67	
		For Up To 75, Add	*69.98*	
		For >75 To 150, Add	*33.37*	
		For >500 To 1,000, Deduct	*-7.97*	
		For >1,000 To 2,000, Deduct	*-15.62*	
		For >2,000 To 5,000, Deduct	*-23.92*	
		For >5,000, Deduct	*-36.62*	
33 01 30 71-0104	LF	114" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	352.22	
		For Up To 75, Add	*73.88*	
		For >75 To 150, Add	*35.22*	
		For >500 To 1,000, Deduct	*-8.42*	
		For >1,000 To 2,000, Deduct	*-16.49*	
		For >2,000 To 5,000, Deduct	*-25.25*	
		For >5,000, Deduct	*-38.65*	
33 01 30 71-0105	LF	120" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	370.74	
		For Up To 75, Add	*77.76*	
		For >75 To 150, Add	*37.07*	
		For >500 To 1,000, Deduct	*-8.86*	
		For >1,000 To 2,000, Deduct	*-17.36*	
		For >2,000 To 5,000, Deduct	*-26.58*	
		For >5,000, Deduct	*-40.69*	
33 01 30 71-0106	SF	Structure Lining, Spray Applied With 400 mil Structural Polyurethane	11.80	

33 01 30 71-0107 Lining Pipe, Spray Applied With 500 mil Structural Polyurethane *(33 01 30 71-0002)*
Note: Two part structural polyurethane.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0108	LF	36" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	136.03	
		For Up To 75, Add	*28.41*	
		For >75 To 150, Add	*13.60*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000 To 2,000, Deduct	*-6.28*	
		For >2,000 To 5,000, Deduct	*-9.61*	
		For >5,000, Deduct	*-14.81*	
33 01 30 71-0109	LF	42" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	158.69	
		For Up To 75, Add	*33.14*	
		For >75 To 150, Add	*15.87*	
		For >500 To 1,000, Deduct	*-3.74*	
		For >1,000 To 2,000, Deduct	*-7.33*	
		For >2,000 To 5,000, Deduct	*-11.21*	
		For >5,000, Deduct	*-17.27*	
33 01 30 71-0110	LF	48" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	181.36	
		For Up To 75, Add	*37.88*	
		For >75 To 150, Add	*18.14*	
		For >500 To 1,000, Deduct	*-4.27*	
		For >1,000 To 2,000, Deduct	*-8.38*	
		For >2,000 To 5,000, Deduct	*-12.81*	
		For >5,000, Deduct	*-19.74*	
33 01 30 71-0111	LF	54" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	204.04	
		For Up To 75, Add	*42.61*	
		For >75 To 150, Add	*20.40*	
		For >500 To 1,000, Deduct	*-4.80*	
		For >1,000 To 2,000, Deduct	*-9.43*	
		For >2,000 To 5,000, Deduct	*-14.41*	
		For >5,000, Deduct	*-22.21*	
33 01 30 71-0112	LF	60" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	226.71	
		For Up To 75, Add	*47.35*	
		For >75 To 150, Add	*22.67*	
		For >500 To 1,000, Deduct	*-5.34*	
		For >1,000 To 2,000, Deduct	*-10.47*	
		For >2,000 To 5,000, Deduct	*-16.01*	
		For >5,000, Deduct	*-24.68*	
33 01 30 71-0113	LF	66" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	249.38	
		For Up To 75, Add	*52.08*	
		For >75 To 150, Add	*24.94*	
		For >500 To 1,000, Deduct	*-5.87*	
		For >1,000 To 2,000, Deduct	*-11.52*	
		For >2,000 To 5,000, Deduct	*-17.61*	
		For >5,000, Deduct	*-27.15*	
33 01 30 71-0114	LF	72" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	272.05	
		For Up To 75, Add	*56.82*	
		For >75 To 150, Add	*27.21*	
		For >500 To 1,000, Deduct	*-6.40*	
		For >1,000 To 2,000, Deduct	*-12.57*	
		For >2,000 To 5,000, Deduct	*-19.21*	
		For >5,000, Deduct	*-29.61*	
33 01 30 71-0115	LF	78" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	294.72	
		For Up To 75, Add	*61.55*	
		For >75 To 150, Add	*29.47*	
		For >500 To 1,000, Deduct	*-6.94*	
		For >1,000 To 2,000, Deduct	*-13.61*	
		For >2,000 To 5,000, Deduct	*-20.81*	
		For >5,000, Deduct	*-32.08*	
33 01 30 71-0116	LF	84" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	317.39	
		For Up To 75, Add	*66.29*	
		For >75 To 150, Add	*31.74*	
		For >500 To 1,000, Deduct	*-7.47*	
		For >1,000 To 2,000, Deduct	*-14.66*	
		For >2,000 To 5,000, Deduct	*-22.41*	
		For >5,000, Deduct	*-34.55*	
33 01 30 71-0117	LF	90" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	340.05	
		For Up To 75, Add	*71.02*	
		For >75 To 150, Add	*34.01*	
		For >500 To 1,000, Deduct	*-8.00*	
		For >1,000 To 2,000, Deduct	*-15.71*	
		For >2,000 To 5,000, Deduct	*-24.01*	
		For >5,000, Deduct	*-37.01*	
33 01 30 71-0118	LF	96" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	362.72	
		For Up To 75, Add	*75.75*	
		For >75 To 150, Add	*36.27*	
		For >500 To 1,000, Deduct	*-8.54*	
		For >1,000 To 2,000, Deduct	*-16.76*	
		For >2,000 To 5,000, Deduct	*-25.62*	
		For >5,000, Deduct	*-39.48*	
33 01 30 71-0119	LF	102" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	385.39	
		For Up To 75, Add	*80.49*	
		For >75 To 150, Add	*38.54*	
		For >500 To 1,000, Deduct	*-9.07*	
		For >1,000 To 2,000, Deduct	*-17.80*	
		For >2,000 To 5,000, Deduct	*-27.22*	
		For >5,000, Deduct	*-41.95*	
33 01 30 71-0120	LF	108" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	408.06	
		For Up To 75, Add	*85.22*	
		For >75 To 150, Add	*40.81*	
		For >500 To 1,000, Deduct	*-9.61*	
		For >1,000 To 2,000, Deduct	*-18.85*	
		For >2,000 To 5,000, Deduct	*-28.82*	
		For >5,000, Deduct	*-44.42*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0121		LF	114" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	430.74	
			For Up To 75, Add	*89.96*	
			For >75 To 150, Add	*43.07*	
			For >500 To 1,000, Deduct	*-10.14*	
			For >1,000 To 2,000, Deduct	*-19.90*	
			For >2,000 To 5,000, Deduct	*-30.42*	
			For >5,000, Deduct	*-46.89*	
33 01 30 71-0122		LF	120" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	453.41	
			For Up To 75, Add	*94.69*	
			For >75 To 150, Add	*45.34*	
			For >500 To 1,000, Deduct	*-10.67*	
			For >1,000 To 2,000, Deduct	*-20.95*	
			For >2,000 To 5,000, Deduct	*-32.02*	
			For >5,000, Deduct	*-49.35*	
33 01 30 71-0123		SF	Structure Lining, Spray Applied With 500 mil Structural Polyurethane	14.43	

33 01 30 72 Cured-in-Place Pipe Lining *(33 01 30)*

33 01 30 72-0001 Cured-In-Place Pipe (CIPP) Relining Underground Pipelines *(33 01 30 72)*

Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 72-0002 Cured-In-Place Pipe (CIPP) Relining Underground Pipelines Set-Up And Reinsertion *(33 01 30 72-0001)*

33 01 30 72-0003	EA	Initial Set Up And Final Equipment Removal For Cured-In-Place Pipe (CIPP) Relining Underground Pipelines	4,166.13	
33 01 30 72-0004	EA	Move And Reset Up At Different Access/Location For Cured-In-Place Pipe (CIPP) Relining Underground Pipelines	1,666.46	

33 01 30 72-0005 Lining Pipe With Polyester Resin Impregnated Cured In-Place Pipe (CIPP) *(33 01 30 72-0001)*

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting.

33 01 30 72-0006 Relining Underground Pipelines Set-Up And Reinsertion For Cured In-Place Pipe (CIPP) *(33 01 30 72-0005)*

33 01 30 72-0007	EA	Initial Set Up And Final Equipment Removal For Relining Underground Pipelines Cured In-Place Pipe (CIPP)	4,166.13	
33 01 30 72-0008	EA	Move And Reset Up At Different Access/Location For Relining Underground Pipelines Cured In-Place Pipe (CIPP)	1,666.46	
33 01 30 72-0009	EA	Mixing Truck And Refrigeration For 12" To 24" Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	4,166.13	
33 01 30 72-0010	EA	Mixing Truck And Refrigeration For 27" To 48" Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	8,332.27	
33 01 30 72-0011	EA	Mixing Truck And Refrigeration For 54" To 72" Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	12,498.40	

33 01 30 72-0012 6mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0013	LF	6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	55.70	
		For >10 To 25, Add	*49.09*	
		For >25 To 50, Add	*31.46*	
		For >50 To 100, Add	*15.73*	
		For >500 To 1,000, Deduct	*-1.97*	
		For >1,000 To 2,000, Deduct	*-3.56*	
		For >2,000 To 5,000, Deduct	*-5.53*	
		For >5,000, Deduct	*-8.70*	

33 01 30 72-0014 7.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0015	LF	7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	65.47	
		For >10 To 25, Add	*51.54*	
		For >25 To 50, Add	*33.41*	
		For >50 To 100, Add	*16.71*	
		For >500 To 1,000, Deduct	*-2.17*	
		For >1,000 To 2,000, Deduct	*-3.95*	
		For >2,000 To 5,000, Deduct	*-6.12*	
		For >5,000, Deduct	*-9.67*	
33 01 30 72-0016	LF	7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	80.32	
		For >10 To 25, Add	*59.93*	
		For >25 To 50, Add	*39.09*	
		For >50 To 100, Add	*19.54*	
		For >500 To 1,000, Deduct	*-2.58*	
		For >1,000 To 2,000, Deduct	*-4.72*	
		For >2,000 To 5,000, Deduct	*-7.30*	
		For >5,000, Deduct	*-11.57*	
33 01 30 72-0017	LF	7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	95.38	
		For >10 To 25, Add	*68.85*	
		For >25 To 50, Add	*45.08*	
		For >50 To 100, Add	*22.54*	
		For >500 To 1,000, Deduct	*-3.01*	
		For >1,000 To 2,000, Deduct	*-5.52*	
		For >2,000 To 5,000, Deduct	*-8.52*	
		For >5,000, Deduct	*-13.54*	

33 01 30 72-0018 9mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0019	LF	9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	75.13	
		For >10 To 25, Add	*53.95*	
		For >25 To 50, Add	*35.35*	
		For >50 To 100, Add	*17.67*	
		For >500 To 1,000, Deduct	*-2.36*	
		For >1,000 To 2,000, Deduct	*-4.33*	
		For >2,000 To 5,000, Deduct	*-6.70*	
		For >5,000, Deduct	*-10.64*	
33 01 30 72-0020	LF	9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	92.54	
		For >10 To 25, Add	*62.98*	
		For >25 To 50, Add	*41.53*	
		For >50 To 100, Add	*20.77*	
		For >500 To 1,000, Deduct	*-2.82*	
		For >1,000 To 2,000, Deduct	*-5.21*	
		For >2,000 To 5,000, Deduct	*-8.03*	
		For >5,000, Deduct	*-12.80*	
33 01 30 72-0021	LF	9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	110.16	
		For >10 To 25, Add	*72.54*	
		For >25 To 50, Add	*48.03*	
		For >50 To 100, Add	*24.02*	
		For >500 To 1,000, Deduct	*-3.30*	
		For >1,000 To 2,000, Deduct	*-6.11*	
		For >2,000 To 5,000, Deduct	*-9.41*	
		For >5,000, Deduct	*-15.02*	
33 01 30 72-0022	LF	9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	127.15	
		For >10 To 25, Add	*80.52*	
		For >25 To 50, Add	*53.59*	
		For >50 To 100, Add	*26.79*	
		For >500 To 1,000, Deduct	*-3.73*	
		For >1,000 To 2,000, Deduct	*-6.93*	
		For >2,000 To 5,000, Deduct	*-10.66*	
		For >5,000, Deduct	*-17.05*	
33 01 30 72-0023	LF	9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	144.46	
		For >10 To 25, Add	*89.31*	
		For >25 To 50, Add	*59.62*	
		For >50 To 100, Add	*29.81*	
		For >500 To 1,000, Deduct	*-4.19*	
		For >1,000 To 2,000, Deduct	*-7.79*	
		For >2,000 To 5,000, Deduct	*-11.98*	
		For >5,000, Deduct	*-19.17*	

33 01 30 72-0024 10.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0025	LF	10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	104.66	
		For >10 To 25, Add	*66.01*	
		For >25 To 50, Add	*43.96*	
		For >50 To 100, Add	*21.98*	
		For >500 To 1,000, Deduct	*-3.07*	
		For >1,000 To 2,000, Deduct	*-5.69*	
		For >2,000 To 5,000, Deduct	*-8.76*	
		For >5,000, Deduct	*-14.01*	
33 01 30 72-0026	LF	10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	124.83	
		For >10 To 25, Add	*76.21*	
		For >25 To 50, Add	*50.97*	
		For >50 To 100, Add	*25.48*	
		For >500 To 1,000, Deduct	*-3.60*	
		For >1,000 To 2,000, Deduct	*-6.69*	
		For >2,000 To 5,000, Deduct	*-10.29*	
		For >5,000, Deduct	*-16.48*	
33 01 30 72-0027	LF	10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	144.38	
		For >10 To 25, Add	*84.83*	
		For >25 To 50, Add	*57.03*	
		For >50 To 100, Add	*28.52*	
		For >500 To 1,000, Deduct	*-4.08*	
		For >1,000 To 2,000, Deduct	*-7.62*	
		For >2,000 To 5,000, Deduct	*-11.70*	
		For >5,000, Deduct	*-18.77*	
33 01 30 72-0028	LF	10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	164.24	
		For >10 To 25, Add	*94.25*	
		For >25 To 50, Add	*63.58*	
		For >50 To 100, Add	*31.79*	
		For >500 To 1,000, Deduct	*-4.59*	
		For >1,000 To 2,000, Deduct	*-8.58*	
		For >2,000 To 5,000, Deduct	*-13.16*	
		For >5,000, Deduct	*-21.15*	
33 01 30 72-0029	LF	10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	184.52	
		For >10 To 25, Add	*104.72*	
		For >25 To 50, Add	*70.76*	
		For >50 To 100, Add	*35.38*	
		For >500 To 1,000, Deduct	*-5.12*	
		For >1,000 To 2,000, Deduct	*-9.59*	
		For >2,000 To 5,000, Deduct	*-14.72*	
		For >5,000, Deduct	*-23.66*	
33 01 30 72-0030	LF	10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	205.33	
		For >10 To 25, Add	*116.49*	
		For >25 To 50, Add	*78.71*	
		For >50 To 100, Add	*39.36*	
		For >500 To 1,000, Deduct	*-5.70*	
		For >1,000 To 2,000, Deduct	*-10.67*	
		For >2,000 To 5,000, Deduct	*-16.37*	
		For >5,000, Deduct	*-26.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0031	LF	10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	244.73	
		For >10 To 25, Add	*134.53*	
		For >25 To 50, Add	*91.33*	
		For >50 To 100, Add	*45.66*	
		For >500 To 1,000, Deduct	*-6.69*	
		For >1,000 To 2,000, Deduct	*-12.56*	
		For >2,000 To 5,000, Deduct	*-19.25*	
		For >5,000, Deduct	*-30.99*	

33 01 30 72-0032 12mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0033	LF	12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	116.68	
		For >10 To 25, Add	*69.02*	
		For >25 To 50, Add	*46.36*	
		For >50 To 100, Add	*23.18*	
		For >500 To 1,000, Deduct	*-3.31*	
		For >1,000 To 2,000, Deduct	*-6.17*	
		For >2,000 To 5,000, Deduct	*-9.48*	
		For >5,000, Deduct	*-15.21*	
33 01 30 72-0034	LF	12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	139.41	
		For >10 To 25, Add	*79.85*	
		For >25 To 50, Add	*53.88*	
		For >50 To 100, Add	*26.94*	
		For >500 To 1,000, Deduct	*-3.89*	
		For >1,000 To 2,000, Deduct	*-7.28*	
		For >2,000 To 5,000, Deduct	*-11.16*	
		For >5,000, Deduct	*-17.94*	
33 01 30 72-0035	LF	12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	161.51	
		For >10 To 25, Add	*89.11*	
		For >25 To 50, Add	*60.46*	
		For >50 To 100, Add	*30.23*	
		For >500 To 1,000, Deduct	*-4.42*	
		For >1,000 To 2,000, Deduct	*-8.30*	
		For >2,000 To 5,000, Deduct	*-12.72*	
		For >5,000, Deduct	*-20.48*	
33 01 30 72-0036	LF	12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	183.92	
		For >10 To 25, Add	*99.17*	
		For >25 To 50, Add	*67.52*	
		For >50 To 100, Add	*33.76*	
		For >500 To 1,000, Deduct	*-4.98*	
		For >1,000 To 2,000, Deduct	*-9.37*	
		For >2,000 To 5,000, Deduct	*-14.34*	
		For >5,000, Deduct	*-23.12*	
33 01 30 72-0037	LF	12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	206.76	
		For >10 To 25, Add	*110.28*	
		For >25 To 50, Add	*75.20*	
		For >50 To 100, Add	*37.60*	
		For >500 To 1,000, Deduct	*-5.57*	
		For >1,000 To 2,000, Deduct	*-10.48*	
		For >2,000 To 5,000, Deduct	*-16.05*	
		For >5,000, Deduct	*-25.88*	
33 01 30 72-0038	LF	12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	230.12	
		For >10 To 25, Add	*122.69*	
		For >25 To 50, Add	*83.67*	
		For >50 To 100, Add	*41.84*	
		For >500 To 1,000, Deduct	*-6.20*	
		For >1,000 To 2,000, Deduct	*-11.67*	
		For >2,000 To 5,000, Deduct	*-17.86*	
		For >5,000, Deduct	*-28.80*	
33 01 30 72-0039	LF	12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	274.63	
		For >10 To 25, Add	*142.01*	
		For >25 To 50, Add	*97.31*	
		For >50 To 100, Add	*48.65*	
		For >500 To 1,000, Deduct	*-7.29*	
		For >1,000 To 2,000, Deduct	*-13.76*	
		For >2,000 To 5,000, Deduct	*-21.04*	
		For >5,000, Deduct	*-33.98*	
33 01 30 72-0040	LF	12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	320.09	
		For >10 To 25, Add	*163.68*	
		For >25 To 50, Add	*112.35*	
		For >50 To 100, Add	*56.18*	
		For >500 To 1,000, Deduct	*-8.45*	
		For >1,000 To 2,000, Deduct	*-15.96*	
		For >2,000 To 5,000, Deduct	*-24.41*	
		For >5,000, Deduct	*-39.45*	
33 01 30 72-0041	LF	12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	367.21	
		For >10 To 25, Add	*189.52*	
		For >25 To 50, Add	*129.90*	
		For >50 To 100, Add	*64.95*	
		For >500 To 1,000, Deduct	*-9.73*	
		For >1,000 To 2,000, Deduct	*-18.38*	
		For >2,000 To 5,000, Deduct	*-28.11*	
		For >5,000, Deduct	*-45.41*	

33 01 30 72-0042 13.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0043	LF	13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	128.60	
		For >10 To 25, Add	*72.00*	
		For >25 To 50, Add	*48.74*	
		For >50 To 100, Add	*24.37*	
		For >500 To 1,000, Deduct	*-3.55*	
		For >1,000 To 2,000, Deduct	*-6.65*	
		For >2,000 To 5,000, Deduct	*-10.20*	
		For >5,000, Deduct	*-16.40*	
33 01 30 72-0044	LF	13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	153.88	
		For >10 To 25, Add	*83.47*	
		For >25 To 50, Add	*56.78*	
		For >50 To 100, Add	*28.39*	
		For >500 To 1,000, Deduct	*-4.18*	
		For >1,000 To 2,000, Deduct	*-7.86*	
		For >2,000 To 5,000, Deduct	*-12.03*	
		For >5,000, Deduct	*-19.39*	
33 01 30 72-0045	LF	13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	178.53	
		For >10 To 25, Add	*93.37*	
		For >25 To 50, Add	*63.86*	
		For >50 To 100, Add	*31.93*	
		For >500 To 1,000, Deduct	*-4.76*	
		For >1,000 To 2,000, Deduct	*-8.98*	
		For >2,000 To 5,000, Deduct	*-13.74*	
		For >5,000, Deduct	*-22.19*	
33 01 30 72-0046	LF	13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	203.51	
		For >10 To 25, Add	*104.07*	
		For >25 To 50, Add	*71.43*	
		For >50 To 100, Add	*35.72*	
		For >500 To 1,000, Deduct	*-5.37*	
		For >1,000 To 2,000, Deduct	*-10.15*	
		For >2,000 To 5,000, Deduct	*-15.52*	
		For >5,000, Deduct	*-25.08*	
33 01 30 72-0047	LF	13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	228.90	
		For >10 To 25, Add	*115.82*	
		For >25 To 50, Add	*79.63*	
		For >50 To 100, Add	*39.82*	
		For >500 To 1,000, Deduct	*-6.01*	
		For >1,000 To 2,000, Deduct	*-11.37*	
		For >2,000 To 5,000, Deduct	*-17.38*	
		For >5,000, Deduct	*-28.10*	
33 01 30 72-0048	LF	13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	254.81	
		For >10 To 25, Add	*128.86*	
		For >25 To 50, Add	*88.61*	
		For >50 To 100, Add	*44.31*	
		For >500 To 1,000, Deduct	*-6.69*	
		For >1,000 To 2,000, Deduct	*-12.65*	
		For >2,000 To 5,000, Deduct	*-19.34*	
		For >5,000, Deduct	*-31.27*	
33 01 30 72-0049	LF	13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	304.44	
		For >10 To 25, Add	*149.46*	
		For >25 To 50, Add	*103.27*	
		For >50 To 100, Add	*51.63*	
		For >500 To 1,000, Deduct	*-7.88*	
		For >1,000 To 2,000, Deduct	*-14.95*	
		For >2,000 To 5,000, Deduct	*-22.83*	
		For >5,000, Deduct	*-36.96*	
33 01 30 72-0050	LF	13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	355.00	
		For >10 To 25, Add	*172.41*	
		For >25 To 50, Add	*119.33*	
		For >50 To 100, Add	*59.67*	
		For >500 To 1,000, Deduct	*-9.14*	
		For >1,000 To 2,000, Deduct	*-17.36*	
		For >2,000 To 5,000, Deduct	*-26.51*	
		For >5,000, Deduct	*-42.94*	
33 01 30 72-0051	LF	13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	407.23	
		For >10 To 25, Add	*199.53*	
		For >25 To 50, Add	*137.91*	
		For >50 To 100, Add	*68.95*	
		For >500 To 1,000, Deduct	*-10.53*	
		For >1,000 To 2,000, Deduct	*-19.98*	
		For >2,000 To 5,000, Deduct	*-30.51*	
		For >5,000, Deduct	*-49.41*	

33 01 30 72-0052 15mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0053	LF	15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	140.42	
		For >10 To 25, Add	*74.95*	
		For >25 To 50, Add	*51.11*	
		For >50 To 100, Add	*25.55*	
		For >500 To 1,000, Deduct	*-3.78*	
		For >1,000 To 2,000, Deduct	*-7.12*	
		For >2,000 To 5,000, Deduct	*-10.90*	
		For >5,000, Deduct	*-17.58*	
33 01 30 72-0054	LF	15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	168.25	
		For >10 To 25, Add	*87.06*	
		For >25 To 50, Add	*59.65*	
		For >50 To 100, Add	*29.83*	
		For >500 To 1,000, Deduct	*-4.47*	
		For >1,000 To 2,000, Deduct	*-8.43*	
		For >2,000 To 5,000, Deduct	*-12.90*	
		For >5,000, Deduct	*-20.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0055	LF	15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	195.46	
		For >10 To 25, Add	*97.60*	
		For >25 To 50, Add	*67.25*	
		For >50 To 100, Add	*33.63*	
		For >500 To 1,000, Deduct	*-5.10*	
		For >1,000 To 2,000, Deduct	*-9.66*	
		For >2,000 To 5,000, Deduct	*-14.76*	
		For >5,000, Deduct	*-23.88*	
33 01 30 72-0056	LF	15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	222.99	
		For >10 To 25, Add	*108.94*	
		For >25 To 50, Add	*75.33*	
		For >50 To 100, Add	*37.67*	
		For >500 To 1,000, Deduct	*-5.76*	
		For >1,000 To 2,000, Deduct	*-10.93*	
		For >2,000 To 5,000, Deduct	*-16.69*	
		For >5,000, Deduct	*-27.03*	
33 01 30 72-0057	LF	15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	250.93	
		For >10 To 25, Add	*121.32*	
		For >25 To 50, Add	*84.04*	
		For >50 To 100, Add	*42.02*	
		For >500 To 1,000, Deduct	*-6.45*	
		For >1,000 To 2,000, Deduct	*-12.25*	
		For >2,000 To 5,000, Deduct	*-18.70*	
		For >5,000, Deduct	*-30.30*	
33 01 30 72-0058	LF	15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	279.40	
		For >10 To 25, Add	*135.01*	
		For >25 To 50, Add	*93.53*	
		For >50 To 100, Add	*46.76*	
		For >500 To 1,000, Deduct	*-7.18*	
		For >1,000 To 2,000, Deduct	*-13.64*	
		For >2,000 To 5,000, Deduct	*-20.82*	
		For >5,000, Deduct	*-33.73*	
33 01 30 72-0059	LF	15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	334.14	
		For >10 To 25, Add	*156.89*	
		For >25 To 50, Add	*109.21*	
		For >50 To 100, Add	*54.60*	
		For >500 To 1,000, Deduct	*-8.48*	
		For >1,000 To 2,000, Deduct	*-16.14*	
		For >2,000 To 5,000, Deduct	*-24.61*	
		For >5,000, Deduct	*-39.93*	
33 01 30 72-0060	LF	15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	389.81	
		For >10 To 25, Add	*181.11*	
		For >25 To 50, Add	*126.30*	
		For >50 To 100, Add	*63.15*	
		For >500 To 1,000, Deduct	*-9.84*	
		For >1,000 To 2,000, Deduct	*-18.75*	
		For >2,000 To 5,000, Deduct	*-28.59*	
		For >5,000, Deduct	*-46.42*	
33 01 30 72-0061	LF	15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	447.15	
		For >10 To 25, Add	*209.51*	
		For >25 To 50, Add	*145.89*	
		For >50 To 100, Add	*72.94*	
		For >500 To 1,000, Deduct	*-11.33*	
		For >1,000 To 2,000, Deduct	*-21.58*	
		For >2,000 To 5,000, Deduct	*-32.91*	
		For >5,000, Deduct	*-53.40*	

33 01 30 72-0062 16.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0063	LF	16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	182.52	
		For >10 To 25, Add	*90.63*	
		For >25 To 50, Add	*62.50*	
		For >50 To 100, Add	*31.25*	
		For >500 To 1,000, Deduct	*-4.75*	
		For >1,000 To 2,000, Deduct	*-9.00*	
		For >2,000 To 5,000, Deduct	*-13.75*	
		For >5,000, Deduct	*-22.25*	
33 01 30 72-0064	LF	16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	212.29	
		For >10 To 25, Add	*101.81*	
		For >25 To 50, Add	*70.62*	
		For >50 To 100, Add	*35.31*	
		For >500 To 1,000, Deduct	*-5.44*	
		For >1,000 To 2,000, Deduct	*-10.33*	
		For >2,000 To 5,000, Deduct	*-15.77*	
		For >5,000, Deduct	*-25.56*	
33 01 30 72-0065	LF	16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	242.37	
		For >10 To 25, Add	*113.78*	
		For >25 To 50, Add	*79.21*	
		For >50 To 100, Add	*39.60*	
		For >500 To 1,000, Deduct	*-6.15*	
		For >1,000 To 2,000, Deduct	*-11.70*	
		For >2,000 To 5,000, Deduct	*-17.85*	
		For >5,000, Deduct	*-28.97*	
33 01 30 72-0066	LF	16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	272.87	
		For >10 To 25, Add	*126.81*	
		For >25 To 50, Add	*88.43*	
		For >50 To 100, Add	*44.21*	
		For >500 To 1,000, Deduct	*-6.89*	
		For >1,000 To 2,000, Deduct	*-13.13*	
		For >2,000 To 5,000, Deduct	*-20.02*	
		For >5,000, Deduct	*-32.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0067	LF	16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	303.89	
		For >10 To 25, Add	*141.13*	
		For >25 To 50, Add	*98.43*	
		For >50 To 100, Add	*49.21*	
		For >500 To 1,000, Deduct	*-7.67*	
		For >1,000 To 2,000, Deduct	*-14.62*	
		For >2,000 To 5,000, Deduct	*-22.29*	
		For >5,000, Deduct	*-36.18*	
33 01 30 72-0068	LF	16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	363.74	
		For >10 To 25, Add	*164.29*	
		For >25 To 50, Add	*115.13*	
		For >50 To 100, Add	*57.56*	
		For >500 To 1,000, Deduct	*-9.07*	
		For >1,000 To 2,000, Deduct	*-17.32*	
		For >2,000 To 5,000, Deduct	*-26.39*	
		For >5,000, Deduct	*-42.89*	
33 01 30 72-0069	LF	16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	424.52	
		For >10 To 25, Add	*189.79*	
		For >25 To 50, Add	*133.24*	
		For >50 To 100, Add	*66.62*	
		For >500 To 1,000, Deduct	*-10.54*	
		For >1,000 To 2,000, Deduct	*-20.14*	
		For >2,000 To 5,000, Deduct	*-30.68*	
		For >5,000, Deduct	*-49.89*	
33 01 30 72-0070	LF	16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	486.97	
		For >10 To 25, Add	*219.46*	
		For >25 To 50, Add	*153.85*	
		For >50 To 100, Add	*76.93*	
		For >500 To 1,000, Deduct	*-12.13*	
		For >1,000 To 2,000, Deduct	*-23.17*	
		For >2,000 To 5,000, Deduct	*-35.30*	
		For >5,000, Deduct	*-57.38*	
33 01 30 72-0071	LF	16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	551.83	
		For >10 To 25, Add	*255.14*	
		For >25 To 50, Add	*178.07*	
		For >50 To 100, Add	*89.04*	
		For >500 To 1,000, Deduct	*-13.90*	
		For >1,000 To 2,000, Deduct	*-26.50*	
		For >2,000 To 5,000, Deduct	*-40.40*	
		For >5,000, Deduct	*-65.60*	

33 01 30 72-0072 18mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0073	LF	18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	197.74	
		For >10 To 25, Add	*96.78*	
		For >25 To 50, Add	*66.90*	
		For >50 To 100, Add	*33.45*	
		For >500 To 1,000, Deduct	*-5.11*	
		For >1,000 To 2,000, Deduct	*-9.70*	
		For >2,000 To 5,000, Deduct	*-14.81*	
		For >5,000, Deduct	*-23.98*	
33 01 30 72-0074	LF	18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	230.16	
		For >10 To 25, Add	*108.86*	
		For >25 To 50, Add	*75.69*	
		For >50 To 100, Add	*37.84*	
		For >500 To 1,000, Deduct	*-5.86*	
		For >1,000 To 2,000, Deduct	*-11.15*	
		For >2,000 To 5,000, Deduct	*-17.00*	
		For >5,000, Deduct	*-27.58*	
33 01 30 72-0075	LF	18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	262.91	
		For >10 To 25, Add	*121.75*	
		For >25 To 50, Add	*84.95*	
		For >50 To 100, Add	*42.48*	
		For >500 To 1,000, Deduct	*-6.63*	
		For >1,000 To 2,000, Deduct	*-12.63*	
		For >2,000 To 5,000, Deduct	*-19.26*	
		For >5,000, Deduct	*-31.27*	
33 01 30 72-0076	LF	18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	296.07	
		For >10 To 25, Add	*135.67*	
		For >25 To 50, Add	*94.83*	
		For >50 To 100, Add	*47.42*	
		For >500 To 1,000, Deduct	*-7.43*	
		For >1,000 To 2,000, Deduct	*-14.17*	
		For >2,000 To 5,000, Deduct	*-21.60*	
		For >5,000, Deduct	*-35.09*	
33 01 30 72-0077	LF	18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	329.74	
		For >10 To 25, Add	*150.88*	
		For >25 To 50, Add	*105.49*	
		For >50 To 100, Add	*52.75*	
		For >500 To 1,000, Deduct	*-8.27*	
		For >1,000 To 2,000, Deduct	*-15.78*	
		For >2,000 To 5,000, Deduct	*-24.04*	
		For >5,000, Deduct	*-39.06*	
33 01 30 72-0078	LF	18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	394.80	
		For >10 To 25, Add	*175.56*	
		For >25 To 50, Add	*123.37*	
		For >50 To 100, Add	*61.68*	
		For >500 To 1,000, Deduct	*-9.77*	
		For >1,000 To 2,000, Deduct	*-18.70*	
		For >2,000 To 5,000, Deduct	*-28.47*	
		For >5,000, Deduct	*-46.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0079	LF	18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	461.00	
		For >10 To 25, Add	*203.11*	
		For >25 To 50, Add	*142.97*	
		For >50 To 100, Add	*71.48*	
		For >500 To 1,000, Deduct	*-11.37*	
		For >1,000 To 2,000, Deduct	*-21.76*	
		For >2,000 To 5,000, Deduct	*-33.13*	
		For >5,000, Deduct	*-53.91*	
33 01 30 72-0080	LF	18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	528.88	
		For >10 To 25, Add	*234.87*	
		For >25 To 50, Add	*165.08*	
		For >50 To 100, Add	*82.54*	
		For >500 To 1,000, Deduct	*-13.09*	
		For >1,000 To 2,000, Deduct	*-25.03*	
		For >2,000 To 5,000, Deduct	*-38.12*	
		For >5,000, Deduct	*-62.01*	
33 01 30 72-0081	LF	18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	599.26	
		For >10 To 25, Add	*272.85*	
		For >25 To 50, Add	*190.94*	
		For >50 To 100, Add	*95.47*	
		For >500 To 1,000, Deduct	*-14.99*	
		For >1,000 To 2,000, Deduct	*-28.62*	
		For >2,000 To 5,000, Deduct	*-43.61*	
		For >5,000, Deduct	*-70.86*	
33 01 30 72-0082	LF	18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	676.92	
		For >10 To 25, Add	*329.05*	
		For >25 To 50, Add	*227.72*	
		For >50 To 100, Add	*113.86*	
		For >500 To 1,000, Deduct	*-17.45*	
		For >1,000 To 2,000, Deduct	*-33.11*	
		For >2,000 To 5,000, Deduct	*-50.56*	
		For >5,000, Deduct	*-81.90*	
33 01 30 72-0083	LF	18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	764.07	
		For >10 To 25, Add	*408.98*	
		For >25 To 50, Add	*278.75*	
		For >50 To 100, Add	*139.37*	
		For >500 To 1,000, Deduct	*-20.61*	
		For >1,000 To 2,000, Deduct	*-38.80*	
		For >2,000 To 5,000, Deduct	*-59.41*	
		For >5,000, Deduct	*-95.78*	
33 01 30 72-0084	LF	18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	858.70	
		For >10 To 25, Add	*507.60*	
		For >25 To 50, Add	*340.99*	
		For >50 To 100, Add	*170.49*	
		For >500 To 1,000, Deduct	*-24.33*	
		For >1,000 To 2,000, Deduct	*-45.41*	
		For >2,000 To 5,000, Deduct	*-69.75*	
		For >5,000, Deduct	*-111.91*	

33 01 30 72-0085 19.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0086	LF	19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	211.81	
		For >10 To 25, Add	*100.29*	
		For >25 To 50, Add	*69.71*	
		For >50 To 100, Add	*34.86*	
		For >500 To 1,000, Deduct	*-5.39*	
		For >1,000 To 2,000, Deduct	*-10.26*	
		For >2,000 To 5,000, Deduct	*-15.65*	
		For >5,000, Deduct	*-25.39*	
33 01 30 72-0087	LF	19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	246.79	
		For >10 To 25, Add	*113.02*	
		For >25 To 50, Add	*79.01*	
		For >50 To 100, Add	*39.51*	
		For >500 To 1,000, Deduct	*-6.19*	
		For >1,000 To 2,000, Deduct	*-11.81*	
		For >2,000 To 5,000, Deduct	*-18.00*	
		For >5,000, Deduct	*-29.24*	
33 01 30 72-0088	LF	19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	282.09	
		For >10 To 25, Add	*126.55*	
		For >25 To 50, Add	*88.79*	
		For >50 To 100, Add	*44.39*	
		For >500 To 1,000, Deduct	*-7.01*	
		For >1,000 To 2,000, Deduct	*-13.40*	
		For >2,000 To 5,000, Deduct	*-20.41*	
		For >5,000, Deduct	*-33.19*	
33 01 30 72-0089	LF	19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	317.80	
		For >10 To 25, Add	*141.10*	
		For >25 To 50, Add	*99.18*	
		For >50 To 100, Add	*49.59*	
		For >500 To 1,000, Deduct	*-7.86*	
		For >1,000 To 2,000, Deduct	*-15.04*	
		For >2,000 To 5,000, Deduct	*-22.90*	
		For >5,000, Deduct	*-37.26*	
33 01 30 72-0090	LF	19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	354.03	
		For >10 To 25, Add	*156.95*	
		For >25 To 50, Add	*110.35*	
		For >50 To 100, Add	*55.18*	
		For >500 To 1,000, Deduct	*-8.75*	
		For >1,000 To 2,000, Deduct	*-16.75*	
		For >2,000 To 5,000, Deduct	*-25.50*	
		For >5,000, Deduct	*-41.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0091	LF	19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	424.20	
		For >10 To 25, Add	*182.91*	
		For >25 To 50, Add	*129.25*	
		For >50 To 100, Add	*64.62*	
		For >500 To 1,000, Deduct	*-10.36*	
		For >1,000 To 2,000, Deduct	*-19.87*	
		For >2,000 To 5,000, Deduct	*-30.23*	
		For >5,000, Deduct	*-49.25*	
33 01 30 72-0092	LF	19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	495.51	
		For >10 To 25, Add	*211.74*	
		For >25 To 50, Add	*149.87*	
		For >50 To 100, Add	*74.93*	
		For >500 To 1,000, Deduct	*-12.06*	
		For >1,000 To 2,000, Deduct	*-23.14*	
		For >2,000 To 5,000, Deduct	*-35.20*	
		For >5,000, Deduct	*-57.36*	
33 01 30 72-0093	LF	19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	568.50	
		For >10 To 25, Add	*244.77*	
		For >25 To 50, Add	*173.01*	
		For >50 To 100, Add	*86.50*	
		For >500 To 1,000, Deduct	*-13.88*	
		For >1,000 To 2,000, Deduct	*-26.62*	
		For >2,000 To 5,000, Deduct	*-40.50*	
		For >5,000, Deduct	*-65.97*	
33 01 30 72-0094	LF	19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	643.98	
		For >10 To 25, Add	*284.03*	
		For >25 To 50, Add	*199.88*	
		For >50 To 100, Add	*99.94*	
		For >500 To 1,000, Deduct	*-15.89*	
		For >1,000 To 2,000, Deduct	*-30.41*	
		For >2,000 To 5,000, Deduct	*-46.29*	
		For >5,000, Deduct	*-75.33*	
33 01 30 72-0095	LF	19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	726.75	
		For >10 To 25, Add	*341.51*	
		For >25 To 50, Add	*237.69*	
		For >50 To 100, Add	*118.84*	
		For >500 To 1,000, Deduct	*-18.44*	
		For >1,000 To 2,000, Deduct	*-35.11*	
		For >2,000 To 5,000, Deduct	*-53.55*	
		For >5,000, Deduct	*-86.88*	
33 01 30 72-0096	LF	19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	819.02	
		For >10 To 25, Add	*422.71*	
		For >25 To 50, Add	*289.74*	
		For >50 To 100, Add	*144.87*	
		For >500 To 1,000, Deduct	*-21.71*	
		For >1,000 To 2,000, Deduct	*-40.99*	
		For >2,000 To 5,000, Deduct	*-62.70*	
		For >5,000, Deduct	*-101.28*	
33 01 30 72-0097	LF	19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	918.76	
		For >10 To 25, Add	*522.62*	
		For >25 To 50, Add	*353.00*	
		For >50 To 100, Add	*176.50*	
		For >500 To 1,000, Deduct	*-25.54*	
		For >1,000 To 2,000, Deduct	*-47.82*	
		For >2,000 To 5,000, Deduct	*-73.35*	
		For >5,000, Deduct	*-117.91*	

33 01 30 72-0098 21mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0099	LF	21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	226.82	
		For >10 To 25, Add	*106.39*	
		For >25 To 50, Add	*74.07*	
		For >50 To 100, Add	*37.03*	
		For >500 To 1,000, Deduct	*-5.75*	
		For >1,000 To 2,000, Deduct	*-10.95*	
		For >2,000 To 5,000, Deduct	*-16.70*	
		For >5,000, Deduct	*-27.10*	
33 01 30 72-0100	LF	21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	264.46	
		For >10 To 25, Add	*120.03*	
		For >25 To 50, Add	*84.04*	
		For >50 To 100, Add	*42.02*	
		For >500 To 1,000, Deduct	*-6.61*	
		For >1,000 To 2,000, Deduct	*-12.62*	
		For >2,000 To 5,000, Deduct	*-19.22*	
		For >5,000, Deduct	*-31.24*	
33 01 30 72-0101	LF	21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	302.41	
		For >10 To 25, Add	*134.42*	
		For >25 To 50, Add	*94.46*	
		For >50 To 100, Add	*47.23*	
		For >500 To 1,000, Deduct	*-7.49*	
		For >1,000 To 2,000, Deduct	*-14.32*	
		For >2,000 To 5,000, Deduct	*-21.80*	
		For >5,000, Deduct	*-35.47*	
33 01 30 72-0102	LF	21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	340.78	
		For >10 To 25, Add	*149.86*	
		For >25 To 50, Add	*105.52*	
		For >50 To 100, Add	*52.76*	
		For >500 To 1,000, Deduct	*-8.40*	
		For >1,000 To 2,000, Deduct	*-16.07*	
		For >2,000 To 5,000, Deduct	*-24.47*	
		For >5,000, Deduct	*-39.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0103	LF	21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	379.67	
		For >10 To 25, Add	*166.63*	
		For >25 To 50, Add	*117.37*	
		For >50 To 100, Add	*58.68*	
		For >500 To 1,000, Deduct	*-9.35*	
		For >1,000 To 2,000, Deduct	*-17.90*	
		For >2,000 To 5,000, Deduct	*-27.24*	
		For >5,000, Deduct	*-44.34*	
33 01 30 72-0104	LF	21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	455.26	
		For >10 To 25, Add	*194.66*	
		For >25 To 50, Add	*137.76*	
		For >50 To 100, Add	*68.88*	
		For >500 To 1,000, Deduct	*-11.08*	
		For >1,000 To 2,000, Deduct	*-21.26*	
		For >2,000 To 5,000, Deduct	*-32.35*	
		For >5,000, Deduct	*-52.71*	
33 01 30 72-0105	LF	21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	531.90	
		For >10 To 25, Add	*225.29*	
		For >25 To 50, Add	*159.72*	
		For >50 To 100, Add	*79.86*	
		For >500 To 1,000, Deduct	*-12.89*	
		For >1,000 To 2,000, Deduct	*-24.76*	
		For >2,000 To 5,000, Deduct	*-37.66*	
		For >5,000, Deduct	*-61.40*	
33 01 30 72-0106	LF	21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	610.21	
		For >10 To 25, Add	*260.13*	
		For >25 To 50, Add	*184.20*	
		For >50 To 100, Add	*92.10*	
		For >500 To 1,000, Deduct	*-14.83*	
		For >1,000 To 2,000, Deduct	*-28.47*	
		For >2,000 To 5,000, Deduct	*-43.31*	
		For >5,000, Deduct	*-70.58*	
33 01 30 72-0107	LF	21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	691.31	
		For >10 To 25, Add	*301.93*	
		For >25 To 50, Add	*212.86*	
		For >50 To 100, Add	*106.43*	
		For >500 To 1,000, Deduct	*-16.98*	
		For >1,000 To 2,000, Deduct	*-32.53*	
		For >2,000 To 5,000, Deduct	*-49.51*	
		For >5,000, Deduct	*-80.61*	
33 01 30 72-0108	LF	21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	780.03	
		For >10 To 25, Add	*362.79*	
		For >25 To 50, Add	*252.95*	
		For >50 To 100, Add	*126.47*	
		For >500 To 1,000, Deduct	*-19.70*	
		For >1,000 To 2,000, Deduct	*-37.54*	
		For >2,000 To 5,000, Deduct	*-57.24*	
		For >5,000, Deduct	*-92.92*	
33 01 30 72-0109	LF	21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	878.65	
		For >10 To 25, Add	*448.38*	
		For >25 To 50, Add	*307.88*	
		For >50 To 100, Add	*153.94*	
		For >500 To 1,000, Deduct	*-23.16*	
		For >1,000 To 2,000, Deduct	*-43.79*	
		For >2,000 To 5,000, Deduct	*-66.95*	
		For >5,000, Deduct	*-108.20*	
33 01 30 72-0110	LF	21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	985.29	
		For >10 To 25, Add	*554.03*	
		For >25 To 50, Add	*374.85*	
		For >50 To 100, Add	*187.42*	
		For >500 To 1,000, Deduct	*-27.23*	
		For >1,000 To 2,000, Deduct	*-51.04*	
		For >2,000 To 5,000, Deduct	*-78.26*	
		For >5,000, Deduct	*-125.88*	

33 01 30 72-0111 22.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0112	LF	22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	240.69	
		For >10 To 25, Add	*109.85*	
		For >25 To 50, Add	*76.84*	
		For >50 To 100, Add	*38.42*	
		For >500 To 1,000, Deduct	*-6.03*	
		For >1,000 To 2,000, Deduct	*-11.50*	
		For >2,000 To 5,000, Deduct	*-17.53*	
		For >5,000, Deduct	*-28.49*	
33 01 30 72-0113	LF	22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	280.89	
		For >10 To 25, Add	*124.13*	
		For >25 To 50, Add	*87.33*	
		For >50 To 100, Add	*43.66*	
		For >500 To 1,000, Deduct	*-6.94*	
		For >1,000 To 2,000, Deduct	*-13.27*	
		For >2,000 To 5,000, Deduct	*-20.21*	
		For >5,000, Deduct	*-32.88*	
33 01 30 72-0114	LF	22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	321.39	
		For >10 To 25, Add	*139.16*	
		For >25 To 50, Add	*98.26*	
		For >50 To 100, Add	*49.13*	
		For >500 To 1,000, Deduct	*-7.87*	
		For >1,000 To 2,000, Deduct	*-15.08*	
		For >2,000 To 5,000, Deduct	*-22.94*	
		For >5,000, Deduct	*-37.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0115	LF	22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	362.31	
		For >10 To 25, Add	*155.24*	
		For >25 To 50, Add	*109.82*	
		For >50 To 100, Add	*54.91*	
		For >500 To 1,000, Deduct	*-8.83*	
		For >1,000 To 2,000, Deduct	*-16.94*	
		For >2,000 To 5,000, Deduct	*-25.76*	
		For >5,000, Deduct	*-41.98*	
33 01 30 72-0116	LF	22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	403.76	
		For >10 To 25, Add	*172.65*	
		For >25 To 50, Add	*122.18*	
		For >50 To 100, Add	*61.09*	
		For >500 To 1,000, Deduct	*-9.83*	
		For >1,000 To 2,000, Deduct	*-18.86*	
		For >2,000 To 5,000, Deduct	*-28.69*	
		For >5,000, Deduct	*-46.75*	
33 01 30 72-0117	LF	22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	484.46	
		For >10 To 25, Add	*201.96*	
		For >25 To 50, Add	*143.60*	
		For >50 To 100, Add	*71.80*	
		For >500 To 1,000, Deduct	*-11.67*	
		For >1,000 To 2,000, Deduct	*-22.43*	
		For >2,000 To 5,000, Deduct	*-34.10*	
		For >5,000, Deduct	*-55.63*	
33 01 30 72-0118	LF	22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	566.20	
		For >10 To 25, Add	*233.87*	
		For >25 To 50, Add	*166.58*	
		For >50 To 100, Add	*83.29*	
		For >500 To 1,000, Deduct	*-13.58*	
		For >1,000 To 2,000, Deduct	*-26.14*	
		For >2,000 To 5,000, Deduct	*-39.72*	
		For >5,000, Deduct	*-64.83*	
33 01 30 72-0119	LF	22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	649.62	
		For >10 To 25, Add	*269.98*	
		For >25 To 50, Add	*192.08*	
		For >50 To 100, Add	*96.04*	
		For >500 To 1,000, Deduct	*-15.62*	
		For >1,000 To 2,000, Deduct	*-30.05*	
		For >2,000 To 5,000, Deduct	*-45.67*	
		For >5,000, Deduct	*-74.52*	
33 01 30 72-0120	LF	22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	735.84	
		For >10 To 25, Add	*313.07*	
		For >25 To 50, Add	*221.76*	
		For >50 To 100, Add	*110.88*	
		For >500 To 1,000, Deduct	*-17.87*	
		For >1,000 To 2,000, Deduct	*-34.31*	
		For >2,000 To 5,000, Deduct	*-52.18*	
		For >5,000, Deduct	*-85.06*	
33 01 30 72-0121	LF	22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	829.67	
		For >10 To 25, Add	*375.20*	
		For >25 To 50, Add	*262.88*	
		For >50 To 100, Add	*131.44*	
		For >500 To 1,000, Deduct	*-20.69*	
		For >1,000 To 2,000, Deduct	*-39.53*	
		For >2,000 To 5,000, Deduct	*-60.22*	
		For >5,000, Deduct	*-97.88*	
33 01 30 72-0122	LF	22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	933.39	
		For >10 To 25, Add	*462.06*	
		For >25 To 50, Add	*318.82*	
		For >50 To 100, Add	*159.41*	
		For >500 To 1,000, Deduct	*-24.26*	
		For >1,000 To 2,000, Deduct	*-45.98*	
		For >2,000 To 5,000, Deduct	*-70.23*	
		For >5,000, Deduct	*-113.67*	
33 01 30 72-0123	LF	22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,045.14	
		For >10 To 25, Add	*569.00*	
		For >25 To 50, Add	*386.82*	
		For >50 To 100, Add	*193.41*	
		For >500 To 1,000, Deduct	*-28.42*	
		For >1,000 To 2,000, Deduct	*-53.43*	
		For >2,000 To 5,000, Deduct	*-81.85*	
		For >5,000, Deduct	*-131.87*	

33 01 30 72-0124 24mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0125	LF	24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	255.60	
		For >10 To 25, Add	*116.15*	
		For >25 To 50, Add	*81.31*	
		For >50 To 100, Add	*40.65*	
		For >500 To 1,000, Deduct	*-6.39*	
		For >1,000 To 2,000, Deduct	*-12.20*	
		For >2,000 To 5,000, Deduct	*-18.59*	
		For >5,000, Deduct	*-30.20*	
33 01 30 72-0126	LF	24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	298.35	
		For >10 To 25, Add	*131.06*	
		For >25 To 50, Add	*92.30*	
		For >50 To 100, Add	*46.15*	
		For >500 To 1,000, Deduct	*-7.35*	
		For >1,000 To 2,000, Deduct	*-14.07*	
		For >2,000 To 5,000, Deduct	*-21.42*	
		For >5,000, Deduct	*-34.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0127	LF	24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	341.53	
		For >10 To 25, Add	*147.03*	
		For >25 To 50, Add	*103.93*	
		For >50 To 100, Add	*51.96*	
		For >500 To 1,000, Deduct	*-8.34*	
		For >1,000 To 2,000, Deduct	*-15.99*	
		For >2,000 To 5,000, Deduct	*-24.33*	
		For >5,000, Deduct	*-39.63*	
33 01 30 72-0128	LF	24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	385.10	
		For >10 To 25, Add	*164.00*	
		For >25 To 50, Add	*116.15*	
		For >50 To 100, Add	*58.08*	
		For >500 To 1,000, Deduct	*-9.36*	
		For >1,000 To 2,000, Deduct	*-17.96*	
		For >2,000 To 5,000, Deduct	*-27.32*	
		For >5,000, Deduct	*-44.53*	
33 01 30 72-0129	LF	24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	429.42	
		For >10 To 25, Add	*182.82*	
		For >25 To 50, Add	*129.49*	
		For >50 To 100, Add	*64.74*	
		For >500 To 1,000, Deduct	*-10.43*	
		For >1,000 To 2,000, Deduct	*-20.03*	
		For >2,000 To 5,000, Deduct	*-30.46*	
		For >5,000, Deduct	*-49.65*	
33 01 30 72-0130	LF	24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	515.34	
		For >10 To 25, Add	*213.68*	
		For >25 To 50, Add	*152.09*	
		For >50 To 100, Add	*76.05*	
		For >500 To 1,000, Deduct	*-12.38*	
		For >1,000 To 2,000, Deduct	*-23.82*	
		For >2,000 To 5,000, Deduct	*-36.20*	
		For >5,000, Deduct	*-59.08*	
33 01 30 72-0131	LF	24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	625.09	
		For >10 To 25, Add	*253.05*	
		For >25 To 50, Add	*180.93*	
		For >50 To 100, Add	*90.47*	
		For >500 To 1,000, Deduct	*-14.87*	
		For >1,000 To 2,000, Deduct	*-28.66*	
		For >2,000 To 5,000, Deduct	*-43.53*	
		For >5,000, Deduct	*-71.11*	
33 01 30 72-0132	LF	24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	691.33	
		For >10 To 25, Add	*285.78*	
		For >25 To 50, Add	*203.53*	
		For >50 To 100, Add	*101.76*	
		For >500 To 1,000, Deduct	*-16.59*	
		For >1,000 To 2,000, Deduct	*-31.92*	
		For >2,000 To 5,000, Deduct	*-48.51*	
		For >5,000, Deduct	*-79.17*	
33 01 30 72-0133	LF	24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	783.18	
		For >10 To 25, Add	*331.47*	
		For >25 To 50, Add	*235.03*	
		For >50 To 100, Add	*117.51*	
		For >500 To 1,000, Deduct	*-18.98*	
		For >1,000 To 2,000, Deduct	*-36.45*	
		For >2,000 To 5,000, Deduct	*-55.43*	
		For >5,000, Deduct	*-90.38*	
33 01 30 72-0134	LF	24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	882.95	
		For >10 To 25, Add	*396.96*	
		For >25 To 50, Add	*278.41*	
		For >50 To 100, Add	*139.20*	
		For >500 To 1,000, Deduct	*-21.97*	
		For >1,000 To 2,000, Deduct	*-41.98*	
		For >2,000 To 5,000, Deduct	*-63.94*	
		For >5,000, Deduct	*-103.96*	
33 01 30 72-0135	LF	24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	993.14	
		For >10 To 25, Add	*488.50*	
		For >25 To 50, Add	*337.42*	
		For >50 To 100, Add	*168.71*	
		For >500 To 1,000, Deduct	*-25.73*	
		For >1,000 To 2,000, Deduct	*-48.80*	
		For >2,000 To 5,000, Deduct	*-74.53*	
		For >5,000, Deduct	*-120.67*	
33 01 30 72-0136	LF	24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,111.65	
		For >10 To 25, Add	*600.83*	
		For >25 To 50, Add	*408.91*	
		For >50 To 100, Add	*204.45*	
		For >500 To 1,000, Deduct	*-30.13*	
		For >1,000 To 2,000, Deduct	*-56.67*	
		For >2,000 To 5,000, Deduct	*-86.79*	
		For >5,000, Deduct	*-139.87*	

33 01 30 72-0137 25.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0138	LF	25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	314.58	
		For >10 To 25, Add	*135.12*	
		For >25 To 50, Add	*95.55*	
		For >50 To 100, Add	*47.77*	
		For >500 To 1,000, Deduct	*-7.67*	
		For >1,000 To 2,000, Deduct	*-14.72*	
		For >2,000 To 5,000, Deduct	*-22.39*	
		For >5,000, Deduct	*-36.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0139	LF	25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	360.31	
		For >10 To 25, Add	*151.73*	
		For >25 To 50, Add	*107.68*	
		For >50 To 100, Add	*53.84*	
		For >500 To 1,000, Deduct	*-8.71*	
		For >1,000 To 2,000, Deduct	*-16.74*	
		For >2,000 To 5,000, Deduct	*-25.45*	
		For >5,000, Deduct	*-41.51*	
33 01 30 72-0140	LF	25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	406.44	
		For >10 To 25, Add	*169.34*	
		For >25 To 50, Add	*120.42*	
		For >50 To 100, Add	*60.21*	
		For >500 To 1,000, Deduct	*-9.78*	
		For >1,000 To 2,000, Deduct	*-18.82*	
		For >2,000 To 5,000, Deduct	*-28.60*	
		For >5,000, Deduct	*-46.66*	
33 01 30 72-0141	LF	25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	453.31	
		For >10 To 25, Add	*188.79*	
		For >25 To 50, Add	*134.26*	
		For >50 To 100, Add	*67.13*	
		For >500 To 1,000, Deduct	*-10.91*	
		For >1,000 To 2,000, Deduct	*-20.98*	
		For >2,000 To 5,000, Deduct	*-31.89*	
		For >5,000, Deduct	*-52.04*	
33 01 30 72-0142	LF	25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	544.34	
		For >10 To 25, Add	*220.93*	
		For >25 To 50, Add	*157.89*	
		For >50 To 100, Add	*78.95*	
		For >500 To 1,000, Deduct	*-12.96*	
		For >1,000 To 2,000, Deduct	*-24.98*	
		For >2,000 To 5,000, Deduct	*-37.94*	
		For >5,000, Deduct	*-61.98*	
33 01 30 72-0143	LF	25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	636.50	
		For >10 To 25, Add	*255.90*	
		For >25 To 50, Add	*183.21*	
		For >50 To 100, Add	*91.61*	
		For >500 To 1,000, Deduct	*-15.10*	
		For >1,000 To 2,000, Deduct	*-29.12*	
		For >2,000 To 5,000, Deduct	*-44.21*	
		For >5,000, Deduct	*-72.25*	
33 01 30 72-0144	LF	25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	730.55	
		For >10 To 25, Add	*295.59*	
		For >25 To 50, Add	*211.37*	
		For >50 To 100, Add	*105.69*	
		For >500 To 1,000, Deduct	*-17.37*	
		For >1,000 To 2,000, Deduct	*-33.49*	
		For >2,000 To 5,000, Deduct	*-50.86*	
		For >5,000, Deduct	*-83.10*	
33 01 30 72-0145	LF	25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	827.51	
		For >10 To 25, Add	*342.55*	
		For >25 To 50, Add	*243.89*	
		For >50 To 100, Add	*121.95*	
		For >500 To 1,000, Deduct	*-19.87*	
		For >1,000 To 2,000, Deduct	*-38.23*	
		For >2,000 To 5,000, Deduct	*-58.09*	
		For >5,000, Deduct	*-94.81*	
33 01 30 72-0146	LF	25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	932.39	
		For >10 To 25, Add	*409.32*	
		For >25 To 50, Add	*288.29*	
		For >50 To 100, Add	*144.15*	
		For >500 To 1,000, Deduct	*-22.96*	
		For >1,000 To 2,000, Deduct	*-43.95*	
		For >2,000 To 5,000, Deduct	*-66.91*	
		For >5,000, Deduct	*-108.90*	
33 01 30 72-0147	LF	25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,047.69	
		For >10 To 25, Add	*502.13*	
		For >25 To 50, Add	*348.33*	
		For >50 To 100, Add	*174.16*	
		For >500 To 1,000, Deduct	*-26.83*	
		For >1,000 To 2,000, Deduct	*-50.98*	
		For >2,000 To 5,000, Deduct	*-77.81*	
		For >5,000, Deduct	*-126.12*	
33 01 30 72-0148	LF	25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,171.31	
		For >10 To 25, Add	*615.75*	
		For >25 To 50, Add	*420.84*	
		For >50 To 100, Add	*210.42*	
		For >500 To 1,000, Deduct	*-31.32*	
		For >1,000 To 2,000, Deduct	*-59.05*	
		For >2,000 To 5,000, Deduct	*-90.37*	
		For >5,000, Deduct	*-145.84*	

33 01 30 72-0149 27mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0150	LF	27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	331.95	
		For >10 To 25, Add	*142.28*	
		For >25 To 50, Add	*100.65*	
		For >50 To 100, Add	*50.32*	
		For >500 To 1,000, Deduct	*-8.09*	
		For >1,000 To 2,000, Deduct	*-15.52*	
		For >2,000 To 5,000, Deduct	*-23.61*	
		For >5,000, Deduct	*-38.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0151	LF	27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	380.32	
		For >10 To 25, Add	*159.75*	
		For >25 To 50, Add	*113.43*	
		For >50 To 100, Add	*56.71*	
		For >500 To 1,000, Deduct	*-9.19*	
		For >1,000 To 2,000, Deduct	*-17.66*	
		For >2,000 To 5,000, Deduct	*-26.84*	
		For >5,000, Deduct	*-43.78*	
33 01 30 72-0152	LF	27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	429.23	
		For >10 To 25, Add	*178.54*	
		For >25 To 50, Add	*127.00*	
		For >50 To 100, Add	*63.50*	
		For >500 To 1,000, Deduct	*-10.33*	
		For >1,000 To 2,000, Deduct	*-19.86*	
		For >2,000 To 5,000, Deduct	*-30.19*	
		For >5,000, Deduct	*-49.26*	
33 01 30 72-0153	LF	27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	478.75	
		For >10 To 25, Add	*198.89*	
		For >25 To 50, Add	*141.51*	
		For >50 To 100, Add	*70.76*	
		For >500 To 1,000, Deduct	*-11.51*	
		For >1,000 To 2,000, Deduct	*-22.14*	
		For >2,000 To 5,000, Deduct	*-33.65*	
		For >5,000, Deduct	*-54.92*	
33 01 30 72-0154	LF	27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	575.09	
		For >10 To 25, Add	*232.81*	
		For >25 To 50, Add	*166.46*	
		For >50 To 100, Add	*83.23*	
		For >500 To 1,000, Deduct	*-13.68*	
		For >1,000 To 2,000, Deduct	*-26.37*	
		For >2,000 To 5,000, Deduct	*-40.05*	
		For >5,000, Deduct	*-65.42*	
33 01 30 72-0155	LF	27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	672.69	
		For >10 To 25, Add	*269.87*	
		For >25 To 50, Add	*193.30*	
		For >50 To 100, Add	*96.65*	
		For >500 To 1,000, Deduct	*-15.94*	
		For >1,000 To 2,000, Deduct	*-30.75*	
		For >2,000 To 5,000, Deduct	*-46.69*	
		For >5,000, Deduct	*-76.31*	
33 01 30 72-0156	LF	27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	772.16	
		For >10 To 25, Add	*311.62*	
		For >25 To 50, Add	*222.94*	
		For >50 To 100, Add	*111.47*	
		For >500 To 1,000, Deduct	*-18.34*	
		For >1,000 To 2,000, Deduct	*-35.37*	
		For >2,000 To 5,000, Deduct	*-53.71*	
		For >5,000, Deduct	*-87.76*	
33 01 30 72-0157	LF	27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	874.55	
		For >10 To 25, Add	*360.66*	
		For >25 To 50, Add	*256.97*	
		For >50 To 100, Add	*128.48*	
		For >500 To 1,000, Deduct	*-20.96*	
		For >1,000 To 2,000, Deduct	*-40.35*	
		For >2,000 To 5,000, Deduct	*-61.31*	
		For >5,000, Deduct	*-100.08*	
33 01 30 72-0158	LF	27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	985.58	
		For >10 To 25, Add	*431.30*	
		For >25 To 50, Add	*303.95*	
		For >50 To 100, Add	*151.98*	
		For >500 To 1,000, Deduct	*-24.23*	
		For >1,000 To 2,000, Deduct	*-46.41*	
		For >2,000 To 5,000, Deduct	*-70.64*	
		For >5,000, Deduct	*-114.99*	
33 01 30 72-0159	LF	27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,107.44	
		For >10 To 25, Add	*529.02*	
		For >25 To 50, Add	*367.18*	
		For >50 To 100, Add	*183.59*	
		For >500 To 1,000, Deduct	*-28.31*	
		For >1,000 To 2,000, Deduct	*-53.82*	
		For >2,000 To 5,000, Deduct	*-82.14*	
		For >5,000, Deduct	*-133.16*	
33 01 30 72-0160	LF	27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,238.05	
		For >10 To 25, Add	*648.61*	
		For >25 To 50, Add	*443.53*	
		For >50 To 100, Add	*221.77*	
		For >500 To 1,000, Deduct	*-33.05*	
		For >1,000 To 2,000, Deduct	*-62.33*	
		For >2,000 To 5,000, Deduct	*-95.38*	
		For >5,000, Deduct	*-153.95*	

33 01 30 72-0161 28.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0162	LF	28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	398.90	
		For >10 To 25, Add	*164.39*	
		For >25 To 50, Add	*117.14*	
		For >50 To 100, Add	*58.57*	
		For >500 To 1,000, Deduct	*-9.56*	
		For >1,000 To 2,000, Deduct	*-18.40*	
		For >2,000 To 5,000, Deduct	*-27.96*	
		For >5,000, Deduct	*-45.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0163	LF	28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	450.36	
		For >10 To 25, Add	*183.83*	
		For >25 To 50, Add	*131.23*	
		For >50 To 100, Add	*65.62*	
		For >500 To 1,000, Deduct	*-10.75*	
		For >1,000 To 2,000, Deduct	*-20.71*	
		For >2,000 To 5,000, Deduct	*-31.45*	
		For >5,000, Deduct	*-51.37*	
33 01 30 72-0164	LF	28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	502.44	
		For >10 To 25, Add	*204.81*	
		For >25 To 50, Add	*146.25*	
		For >50 To 100, Add	*73.12*	
		For >500 To 1,000, Deduct	*-11.98*	
		For >1,000 To 2,000, Deduct	*-23.09*	
		For >2,000 To 5,000, Deduct	*-35.07*	
		For >5,000, Deduct	*-57.28*	
33 01 30 72-0165	LF	28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	634.56	
		For >10 To 25, Add	*252.13*	
		For >25 To 50, Add	*180.93*	
		For >50 To 100, Add	*90.46*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000 To 2,000, Deduct	*-28.91*	
		For >2,000 To 5,000, Deduct	*-43.89*	
		For >5,000, Deduct	*-71.77*	
33 01 30 72-0166	LF	28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	706.60	
		For >10 To 25, Add	*278.35*	
		For >25 To 50, Add	*200.08*	
		For >50 To 100, Add	*100.04*	
		For >500 To 1,000, Deduct	*-16.62*	
		For >1,000 To 2,000, Deduct	*-32.11*	
		For >2,000 To 5,000, Deduct	*-48.72*	
		For >5,000, Deduct	*-79.70*	
33 01 30 72-0167	LF	28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	811.18	
		For >10 To 25, Add	*321.37*	
		For >25 To 50, Add	*230.75*	
		For >50 To 100, Add	*115.37*	
		For >500 To 1,000, Deduct	*-19.12*	
		For >1,000 To 2,000, Deduct	*-36.93*	
		For >2,000 To 5,000, Deduct	*-56.05*	
		For >5,000, Deduct	*-91.66*	
33 01 30 72-0168	LF	28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	918.89	
		For >10 To 25, Add	*372.22*	
		For >25 To 50, Add	*266.11*	
		For >50 To 100, Add	*133.05*	
		For >500 To 1,000, Deduct	*-21.86*	
		For >1,000 To 2,000, Deduct	*-42.14*	
		For >2,000 To 5,000, Deduct	*-64.00*	
		For >5,000, Deduct	*-104.56*	
33 01 30 72-0169	LF	28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,034.82	
		For >10 To 25, Add	*443.61*	
		For >25 To 50, Add	*313.80*	
		For >50 To 100, Add	*156.90*	
		For >500 To 1,000, Deduct	*-25.22*	
		For >1,000 To 2,000, Deduct	*-48.38*	
		For >2,000 To 5,000, Deduct	*-73.59*	
		For >5,000, Deduct	*-119.92*	
33 01 30 72-0170	LF	28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,161.78	
		For >10 To 25, Add	*542.60*	
		For >25 To 50, Add	*378.05*	
		For >50 To 100, Add	*189.02*	
		For >500 To 1,000, Deduct	*-29.40*	
		For >1,000 To 2,000, Deduct	*-56.00*	
		For >2,000 To 5,000, Deduct	*-85.40*	
		For >5,000, Deduct	*-138.59*	
33 01 30 72-0171	LF	28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,297.50	
		For >10 To 25, Add	*663.47*	
		For >25 To 50, Add	*455.42*	
		For >50 To 100, Add	*227.71*	
		For >500 To 1,000, Deduct	*-34.24*	
		For >1,000 To 2,000, Deduct	*-64.71*	
		For >2,000 To 5,000, Deduct	*-98.95*	
		For >5,000, Deduct	*-159.89*	

33 01 30 72-0172 30mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0173	LF	30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	418.84	
		For >10 To 25, Add	*172.66*	
		For >25 To 50, Add	*123.03*	
		For >50 To 100, Add	*61.51*	
		For >500 To 1,000, Deduct	*-10.04*	
		For >1,000 To 2,000, Deduct	*-19.32*	
		For >2,000 To 5,000, Deduct	*-29.36*	
		For >5,000, Deduct	*-47.92*	
33 01 30 72-0174	LF	30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	472.95	
		For >10 To 25, Add	*192.98*	
		For >25 To 50, Add	*137.78*	
		For >50 To 100, Add	*68.89*	
		For >500 To 1,000, Deduct	*-11.29*	
		For >1,000 To 2,000, Deduct	*-21.74*	
		For >2,000 To 5,000, Deduct	*-33.03*	
		For >5,000, Deduct	*-53.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0175	LF	30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	527.79	
		For >10 To 25, Add	*215.13*	
		For >25 To 50, Add	*153.62*	
		For >50 To 100, Add	*76.81*	
		For >500 To 1,000, Deduct	*-12.59*	
		For >1,000 To 2,000, Deduct	*-24.25*	
		For >2,000 To 5,000, Deduct	*-36.84*	
		For >5,000, Deduct	*-60.17*	
33 01 30 72-0176	LF	30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	634.56	
		For >10 To 25, Add	*252.13*	
		For >25 To 50, Add	*180.93*	
		For >50 To 100, Add	*90.46*	
		For >500 To 1,000, Deduct	*-14.98*	
		For >1,000 To 2,000, Deduct	*-28.91*	
		For >2,000 To 5,000, Deduct	*-43.89*	
		For >5,000, Deduct	*-71.77*	
33 01 30 72-0177	LF	30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	742.69	
		For >10 To 25, Add	*292.53*	
		For >25 To 50, Add	*210.28*	
		For >50 To 100, Add	*105.14*	
		For >500 To 1,000, Deduct	*-17.47*	
		For >1,000 To 2,000, Deduct	*-33.74*	
		For >2,000 To 5,000, Deduct	*-51.21*	
		For >5,000, Deduct	*-83.77*	
33 01 30 72-0178	LF	30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	852.79	
		For >10 To 25, Add	*337.85*	
		For >25 To 50, Add	*242.58*	
		For >50 To 100, Add	*121.29*	
		For >500 To 1,000, Deduct	*-20.10*	
		For >1,000 To 2,000, Deduct	*-38.82*	
		For >2,000 To 5,000, Deduct	*-58.92*	
		For >5,000, Deduct	*-96.36*	
33 01 30 72-0179	LF	30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	966.03	
		For >10 To 25, Add	*391.02*	
		For >25 To 50, Add	*279.59*	
		For >50 To 100, Add	*139.80*	
		For >500 To 1,000, Deduct	*-22.98*	
		For >1,000 To 2,000, Deduct	*-44.29*	
		For >2,000 To 5,000, Deduct	*-67.26*	
		For >5,000, Deduct	*-109.89*	
33 01 30 72-0180	LF	30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,088.11	
		For >10 To 25, Add	*466.29*	
		For >25 To 50, Add	*329.86*	
		For >50 To 100, Add	*164.93*	
		For >500 To 1,000, Deduct	*-26.51*	
		For >1,000 To 2,000, Deduct	*-50.86*	
		For >2,000 To 5,000, Deduct	*-77.37*	
		For >5,000, Deduct	*-126.08*	
33 01 30 72-0181	LF	30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,221.65	
		For >10 To 25, Add	*570.22*	
		For >25 To 50, Add	*397.33*	
		For >50 To 100, Add	*198.66*	
		For >500 To 1,000, Deduct	*-30.91*	
		For >1,000 To 2,000, Deduct	*-58.87*	
		For >2,000 To 5,000, Deduct	*-89.78*	
		For >5,000, Deduct	*-145.70*	
33 01 30 72-0182	LF	30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,364.35	
		For >10 To 25, Add	*697.06*	
		For >25 To 50, Add	*478.54*	
		For >50 To 100, Add	*239.27*	
		For >500 To 1,000, Deduct	*-35.99*	
		For >1,000 To 2,000, Deduct	*-68.02*	
		For >2,000 To 5,000, Deduct	*-104.01*	
		For >5,000, Deduct	*-168.08*	

33 01 30 72-0183 31.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0184	LF	31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	437.21	
		For >10 To 25, Add	*177.25*	
		For >25 To 50, Add	*126.70*	
		For >50 To 100, Add	*63.35*	
		For >500 To 1,000, Deduct	*-10.41*	
		For >1,000 To 2,000, Deduct	*-20.06*	
		For >2,000 To 5,000, Deduct	*-30.46*	
		For >5,000, Deduct	*-49.76*	
33 01 30 72-0185	LF	31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	493.88	
		For >10 To 25, Add	*198.22*	
		For >25 To 50, Add	*141.96*	
		For >50 To 100, Add	*70.98*	
		For >500 To 1,000, Deduct	*-11.70*	
		For >1,000 To 2,000, Deduct	*-22.58*	
		For >2,000 To 5,000, Deduct	*-34.28*	
		For >5,000, Deduct	*-56.03*	
33 01 30 72-0186	LF	31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	551.28	
		For >10 To 25, Add	*221.00*	
		For >25 To 50, Add	*158.32*	
		For >50 To 100, Add	*79.16*	
		For >500 To 1,000, Deduct	*-13.06*	
		For >1,000 To 2,000, Deduct	*-25.19*	
		For >2,000 To 5,000, Deduct	*-38.25*	
		For >5,000, Deduct	*-62.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0187	LF	31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	663.16	
		For >10 To 25, Add	*259.28*	
		For >25 To 50, Add	*186.65*	
		For >50 To 100, Add	*93.32*	
		For >500 To 1,000, Deduct	*-15.55*	
		For >1,000 To 2,000, Deduct	*-30.06*	
		For >2,000 To 5,000, Deduct	*-45.61*	
		For >5,000, Deduct	*-74.63*	
33 01 30 72-0188	LF	31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	776.40	
		For >10 To 25, Add	*300.95*	
		For >25 To 50, Add	*217.02*	
		For >50 To 100, Add	*108.51*	
		For >500 To 1,000, Deduct	*-18.14*	
		For >1,000 To 2,000, Deduct	*-35.09*	
		For >2,000 To 5,000, Deduct	*-53.23*	
		For >5,000, Deduct	*-87.14*	
33 01 30 72-0189	LF	31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	891.61	
		For >10 To 25, Add	*347.55*	
		For >25 To 50, Add	*250.34*	
		For >50 To 100, Add	*125.17*	
		For >500 To 1,000, Deduct	*-20.88*	
		For >1,000 To 2,000, Deduct	*-40.37*	
		For >2,000 To 5,000, Deduct	*-61.25*	
		For >5,000, Deduct	*-100.24*	
33 01 30 72-0190	LF	31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,009.95	
		For >10 To 25, Add	*402.00*	
		For >25 To 50, Add	*288.38*	
		For >50 To 100, Add	*144.19*	
		For >500 To 1,000, Deduct	*-23.85*	
		For >1,000 To 2,000, Deduct	*-46.05*	
		For >2,000 To 5,000, Deduct	*-69.90*	
		For >5,000, Deduct	*-114.29*	
33 01 30 72-0191	LF	31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,137.14	
		For >10 To 25, Add	*478.55*	
		For >25 To 50, Add	*339.67*	
		For >50 To 100, Add	*169.84*	
		For >500 To 1,000, Deduct	*-27.49*	
		For >1,000 To 2,000, Deduct	*-52.82*	
		For >2,000 To 5,000, Deduct	*-80.32*	
		For >5,000, Deduct	*-130.98*	
33 01 30 72-0192	LF	31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,275.79	
		For >10 To 25, Add	*583.75*	
		For >25 To 50, Add	*408.16*	
		For >50 To 100, Add	*204.08*	
		For >500 To 1,000, Deduct	*-31.99*	
		For >1,000 To 2,000, Deduct	*-61.04*	
		For >2,000 To 5,000, Deduct	*-93.02*	
		For >5,000, Deduct	*-151.12*	
33 01 30 72-0193	LF	31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	12,898.60	
		For >10 To 25, Add	*3,580.62*	
		For >25 To 50, Add	*2,785.39*	
		For >50 To 100, Add	*1,392.70*	
		For >500 To 1,000, Deduct	*-266.67*	
		For >1,000 To 2,000, Deduct	*-529.39*	
		For >2,000 To 5,000, Deduct	*-796.07*	
		For >5,000, Deduct	*-1,321.50*	

33 01 30 72-0194 33mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0195	LF	33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	457.05	
		For >10 To 25, Add	*185.72*	
		For >25 To 50, Add	*132.70*	
		For >50 To 100, Add	*66.35*	
		For >500 To 1,000, Deduct	*-10.89*	
		For >1,000 To 2,000, Deduct	*-20.98*	
		For >2,000 To 5,000, Deduct	*-31.87*	
		For >5,000, Deduct	*-52.06*	
33 01 30 72-0196	LF	33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	516.38	
		For >10 To 25, Add	*207.60*	
		For >25 To 50, Add	*148.63*	
		For >50 To 100, Add	*74.32*	
		For >500 To 1,000, Deduct	*-12.25*	
		For >1,000 To 2,000, Deduct	*-23.62*	
		For >2,000 To 5,000, Deduct	*-35.87*	
		For >5,000, Deduct	*-58.62*	
33 01 30 72-0197	LF	33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	576.45	
		For >10 To 25, Add	*231.30*	
		For >25 To 50, Add	*165.67*	
		For >50 To 100, Add	*82.83*	
		For >500 To 1,000, Deduct	*-13.66*	
		For >1,000 To 2,000, Deduct	*-26.35*	
		For >2,000 To 5,000, Deduct	*-40.01*	
		For >5,000, Deduct	*-65.40*	
33 01 30 72-0198	LF	33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	693.74	
		For >10 To 25, Add	*271.63*	
		For >25 To 50, Add	*195.48*	
		For >50 To 100, Add	*97.74*	
		For >500 To 1,000, Deduct	*-16.28*	
		For >1,000 To 2,000, Deduct	*-31.46*	
		For >2,000 To 5,000, Deduct	*-47.73*	
		For >5,000, Deduct	*-78.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0199	LF	33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	812.40	
		For >10 To 25, Add	*315.35*	
		For >25 To 50, Add	*227.34*	
		For >50 To 100, Add	*113.67*	
		For >500 To 1,000, Deduct	*-18.99*	
		For >1,000 To 2,000, Deduct	*-36.74*	
		For >2,000 To 5,000, Deduct	*-55.73*	
		For >5,000, Deduct	*-91.22*	
33 01 30 72-0200	LF	33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	933.04	
		For >10 To 25, Add	*364.03*	
		For >25 To 50, Add	*262.16*	
		For >50 To 100, Add	*131.08*	
		For >500 To 1,000, Deduct	*-21.86*	
		For >1,000 To 2,000, Deduct	*-42.26*	
		For >2,000 To 5,000, Deduct	*-64.12*	
		For >5,000, Deduct	*-104.93*	
33 01 30 72-0201	LF	33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,057.11	
		For >10 To 25, Add	*421.31*	
		For >25 To 50, Add	*302.15*	
		For >50 To 100, Add	*151.07*	
		For >500 To 1,000, Deduct	*-24.98*	
		For >1,000 To 2,000, Deduct	*-48.22*	
		For >2,000 To 5,000, Deduct	*-73.20*	
		For >5,000, Deduct	*-119.67*	
33 01 30 72-0202	LF	33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,190.34	
		For >10 To 25, Add	*501.46*	
		For >25 To 50, Add	*355.86*	
		For >50 To 100, Add	*177.93*	
		For >500 To 1,000, Deduct	*-28.79*	
		For >1,000 To 2,000, Deduct	*-55.32*	
		For >2,000 To 5,000, Deduct	*-84.11*	
		For >5,000, Deduct	*-137.16*	
33 01 30 72-0203	LF	33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,335.67	
		For >10 To 25, Add	*611.86*	
		For >25 To 50, Add	*427.72*	
		For >50 To 100, Add	*213.86*	
		For >500 To 1,000, Deduct	*-33.51*	
		For >1,000 To 2,000, Deduct	*-63.93*	
		For >2,000 To 5,000, Deduct	*-97.43*	
		For >5,000, Deduct	*-158.27*	
33 01 30 72-0204	LF	33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,490.67	
		For >10 To 25, Add	*746.44*	
		For >25 To 50, Add	*514.09*	
		For >50 To 100, Add	*257.05*	
		For >500 To 1,000, Deduct	*-38.95*	
		For >1,000 To 2,000, Deduct	*-73.75*	
		For >2,000 To 5,000, Deduct	*-112.70*	
		For >5,000, Deduct	*-182.29*	

33 01 30 72-0205 34.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0206	LF	34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	537.11	
		For >10 To 25, Add	*212.78*	
		For >25 To 50, Add	*152.78*	
		For >50 To 100, Add	*76.39*	
		For >500 To 1,000, Deduct	*-12.66*	
		For >1,000 To 2,000, Deduct	*-24.45*	
		For >2,000 To 5,000, Deduct	*-37.11*	
		For >5,000, Deduct	*-60.69*	
33 01 30 72-0207	LF	34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	599.73	
		For >10 To 25, Add	*237.12*	
		For >25 To 50, Add	*170.32*	
		For >50 To 100, Add	*85.16*	
		For >500 To 1,000, Deduct	*-14.13*	
		For >1,000 To 2,000, Deduct	*-27.28*	
		For >2,000 To 5,000, Deduct	*-41.41*	
		For >5,000, Deduct	*-67.72*	
33 01 30 72-0208	LF	34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	722.14	
		For >10 To 25, Add	*278.73*	
		For >25 To 50, Add	*201.16*	
		For >50 To 100, Add	*100.58*	
		For >500 To 1,000, Deduct	*-16.84*	
		For >1,000 To 2,000, Deduct	*-32.60*	
		For >2,000 To 5,000, Deduct	*-49.44*	
		For >5,000, Deduct	*-80.94*	
33 01 30 72-0209	LF	34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	845.90	
		For >10 To 25, Add	*323.73*	
		For >25 To 50, Add	*234.04*	
		For >50 To 100, Add	*117.02*	
		For >500 To 1,000, Deduct	*-19.66*	
		For >1,000 To 2,000, Deduct	*-38.08*	
		For >2,000 To 5,000, Deduct	*-57.74*	
		For >5,000, Deduct	*-94.57*	
33 01 30 72-0210	LF	34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	971.65	
		For >10 To 25, Add	*373.68*	
		For >25 To 50, Add	*269.89*	
		For >50 To 100, Add	*134.94*	
		For >500 To 1,000, Deduct	*-22.63*	
		For >1,000 To 2,000, Deduct	*-43.81*	
		For >2,000 To 5,000, Deduct	*-66.44*	
		For >5,000, Deduct	*-108.79*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0211	LF	34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,100.84	
		For >10 To 25, Add	*432.24*	
		For >25 To 50, Add	*310.90*	
		For >50 To 100, Add	*155.45*	
		For >500 To 1,000, Deduct	*-25.86*	
		For >1,000 To 2,000, Deduct	*-49.97*	
		For >2,000 To 5,000, Deduct	*-75.82*	
		For >5,000, Deduct	*-124.04*	
33 01 30 72-0212	LF	34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,239.17	
		For >10 To 25, Add	*513.67*	
		For >25 To 50, Add	*365.63*	
		For >50 To 100, Add	*182.81*	
		For >500 To 1,000, Deduct	*-29.77*	
		For >1,000 To 2,000, Deduct	*-57.27*	
		For >2,000 To 5,000, Deduct	*-87.04*	
		For >5,000, Deduct	*-142.04*	
33 01 30 72-0213	LF	34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,389.61	
		For >10 To 25, Add	*625.35*	
		For >25 To 50, Add	*438.51*	
		For >50 To 100, Add	*219.26*	
		For >500 To 1,000, Deduct	*-34.59*	
		For >1,000 To 2,000, Deduct	*-66.08*	
		For >2,000 To 5,000, Deduct	*-100.67*	
		For >5,000, Deduct	*-163.67*	
33 01 30 72-0214	LF	34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,549.71	
		For >10 To 25, Add	*761.20*	
		For >25 To 50, Add	*525.90*	
		For >50 To 100, Add	*262.95*	
		For >500 To 1,000, Deduct	*-40.13*	
		For >1,000 To 2,000, Deduct	*-76.11*	
		For >2,000 To 5,000, Deduct	*-116.24*	
		For >5,000, Deduct	*-188.20*	

33 01 30 72-0215 36mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0216	LF	36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	559.51	
		For >10 To 25, Add	*222.36*	
		For >25 To 50, Add	*159.56*	
		For >50 To 100, Add	*79.78*	
		For >500 To 1,000, Deduct	*-13.21*	
		For >1,000 To 2,000, Deduct	*-25.50*	
		For >2,000 To 5,000, Deduct	*-38.70*	
		For >5,000, Deduct	*-63.28*	
33 01 30 72-0217	LF	36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	624.89	
		For >10 To 25, Add	*247.87*	
		For >25 To 50, Add	*177.93*	
		For >50 To 100, Add	*88.96*	
		For >500 To 1,000, Deduct	*-14.74*	
		For >1,000 To 2,000, Deduct	*-28.46*	
		For >2,000 To 5,000, Deduct	*-43.20*	
		For >5,000, Deduct	*-70.64*	
33 01 30 72-0218	LF	36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	752.62	
		For >10 To 25, Add	*291.27*	
		For >25 To 50, Add	*210.10*	
		For >50 To 100, Add	*105.05*	
		For >500 To 1,000, Deduct	*-17.57*	
		For >1,000 To 2,000, Deduct	*-34.00*	
		For >2,000 To 5,000, Deduct	*-51.57*	
		For >5,000, Deduct	*-84.43*	
33 01 30 72-0219	LF	36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	881.81	
		For >10 To 25, Add	*338.33*	
		For >25 To 50, Add	*244.47*	
		For >50 To 100, Add	*122.23*	
		For >500 To 1,000, Deduct	*-20.52*	
		For >1,000 To 2,000, Deduct	*-39.73*	
		For >2,000 To 5,000, Deduct	*-60.24*	
		For >5,000, Deduct	*-98.66*	
33 01 30 72-0220	LF	36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,013.07	
		For >10 To 25, Add	*390.59*	
		For >25 To 50, Add	*281.95*	
		For >50 To 100, Add	*140.98*	
		For >500 To 1,000, Deduct	*-23.62*	
		For >1,000 To 2,000, Deduct	*-45.71*	
		For >2,000 To 5,000, Deduct	*-69.33*	
		For >5,000, Deduct	*-113.51*	
33 01 30 72-0221	LF	36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,148.00	
		For >10 To 25, Add	*451.99*	
		For >25 To 50, Add	*324.93*	
		For >50 To 100, Add	*162.46*	
		For >500 To 1,000, Deduct	*-26.99*	
		For >1,000 To 2,000, Deduct	*-52.15*	
		For >2,000 To 5,000, Deduct	*-79.15*	
		For >5,000, Deduct	*-129.47*	
33 01 30 72-0222	LF	36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,292.48	
		For >10 To 25, Add	*537.30*	
		For >25 To 50, Add	*382.24*	
		For >50 To 100, Add	*191.12*	
		For >500 To 1,000, Deduct	*-31.09*	
		For >1,000 To 2,000, Deduct	*-59.79*	
		For >2,000 To 5,000, Deduct	*-90.88*	
		For >5,000, Deduct	*-148.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0223	LF	36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,449.69	
		For >10 To 25, Add	*654.41*	
		For >25 To 50, Add	*458.64*	
		For >50 To 100, Add	*229.32*	
		For >500 To 1,000, Deduct	*-36.13*	
		For >1,000 To 2,000, Deduct	*-69.02*	
		For >2,000 To 5,000, Deduct	*-105.15*	
		For >5,000, Deduct	*-170.92*	
33 01 30 72-0224	LF	36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,617.01	
		For >10 To 25, Add	*796.79*	
		For >25 To 50, Add	*550.20*	
		For >50 To 100, Add	*275.10*	
		For >500 To 1,000, Deduct	*-41.94*	
		For >1,000 To 2,000, Deduct	*-79.51*	
		For >2,000 To 5,000, Deduct	*-121.45*	
		For >5,000, Deduct	*-196.59*	

33 01 30 72-0225 37.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0226	LF	37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	647.98	
		For >10 To 25, Add	*253.64*	
		For >25 To 50, Add	*182.55*	
		For >50 To 100, Add	*91.27*	
		For >500 To 1,000, Deduct	*-15.20*	
		For >1,000 To 2,000, Deduct	*-29.38*	
		For >2,000 To 5,000, Deduct	*-44.58*	
		For >5,000, Deduct	*-72.94*	
33 01 30 72-0227	LF	37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	780.81	
		For >10 To 25, Add	*298.32*	
		For >25 To 50, Add	*215.74*	
		For >50 To 100, Add	*107.87*	
		For >500 To 1,000, Deduct	*-18.14*	
		For >1,000 To 2,000, Deduct	*-35.13*	
		For >2,000 To 5,000, Deduct	*-53.26*	
		For >5,000, Deduct	*-87.25*	
33 01 30 72-0228	LF	37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	915.11	
		For >10 To 25, Add	*346.66*	
		For >25 To 50, Add	*251.13*	
		For >50 To 100, Add	*125.56*	
		For >500 To 1,000, Deduct	*-21.18*	
		For >1,000 To 2,000, Deduct	*-41.06*	
		For >2,000 To 5,000, Deduct	*-62.24*	
		For >5,000, Deduct	*-101.99*	
33 01 30 72-0229	LF	37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,051.48	
		For >10 To 25, Add	*400.19*	
		For >25 To 50, Add	*289.64*	
		For >50 To 100, Add	*144.82*	
		For >500 To 1,000, Deduct	*-24.39*	
		For >1,000 To 2,000, Deduct	*-47.25*	
		For >2,000 To 5,000, Deduct	*-71.63*	
		For >5,000, Deduct	*-117.35*	
33 01 30 72-0230	LF	37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,191.52	
		For >10 To 25, Add	*462.87*	
		For >25 To 50, Add	*333.63*	
		For >50 To 100, Add	*166.82*	
		For >500 To 1,000, Deduct	*-27.86*	
		For >1,000 To 2,000, Deduct	*-53.89*	
		For >2,000 To 5,000, Deduct	*-81.76*	
		For >5,000, Deduct	*-133.82*	
33 01 30 72-0231	LF	37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,341.11	
		For >10 To 25, Add	*549.46*	
		For >25 To 50, Add	*391.97*	
		For >50 To 100, Add	*195.98*	
		For >500 To 1,000, Deduct	*-32.06*	
		For >1,000 To 2,000, Deduct	*-61.74*	
		For >2,000 To 5,000, Deduct	*-93.79*	
		For >5,000, Deduct	*-153.15*	
33 01 30 72-0232	LF	37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,503.43	
		For >10 To 25, Add	*667.84*	
		For >25 To 50, Add	*469.39*	
		For >50 To 100, Add	*234.69*	
		For >500 To 1,000, Deduct	*-37.21*	
		For >1,000 To 2,000, Deduct	*-71.17*	
		For >2,000 To 5,000, Deduct	*-108.37*	
		For >5,000, Deduct	*-176.30*	
33 01 30 72-0233	LF	37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,675.85	
		For >10 To 25, Add	*811.50*	
		For >25 To 50, Add	*561.97*	
		For >50 To 100, Add	*280.98*	
		For >500 To 1,000, Deduct	*-43.11*	
		For >1,000 To 2,000, Deduct	*-81.86*	
		For >2,000 To 5,000, Deduct	*-124.98*	
		For >5,000, Deduct	*-202.48*	

33 01 30 72-0234 39mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0235	LF	39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	811.19	
		For >10 To 25, Add	*311.07*	
		For >25 To 50, Add	*224.79*	
		For >50 To 100, Add	*112.40*	
		For >500 To 1,000, Deduct	*-18.87*	
		For >1,000 To 2,000, Deduct	*-36.54*	
		For >2,000 To 5,000, Deduct	*-55.41*	
		For >5,000, Deduct	*-90.74*	
33 01 30 72-0236	LF	39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	950.92	
		For >10 To 25, Add	*361.48*	
		For >25 To 50, Add	*261.68*	
		For >50 To 100, Add	*130.84*	
		For >500 To 1,000, Deduct	*-22.04*	
		For >1,000 To 2,000, Deduct	*-42.71*	
		For >2,000 To 5,000, Deduct	*-64.76*	
		For >5,000, Deduct	*-106.09*	
33 01 30 72-0237	LF	39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,092.92	
		For >10 To 25, Add	*417.59*	
		For >25 To 50, Add	*301.99*	
		For >50 To 100, Add	*151.00*	
		For >500 To 1,000, Deduct	*-25.39*	
		For >1,000 To 2,000, Deduct	*-49.17*	
		For >2,000 To 5,000, Deduct	*-74.56*	
		For >5,000, Deduct	*-122.12*	
33 01 30 72-0238	LF	39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,238.58	
		For >10 To 25, Add	*482.83*	
		For >25 To 50, Add	*347.78*	
		For >50 To 100, Add	*173.89*	
		For >500 To 1,000, Deduct	*-29.00*	
		For >1,000 To 2,000, Deduct	*-56.09*	
		For >2,000 To 5,000, Deduct	*-85.09*	
		For >5,000, Deduct	*-139.25*	
33 01 30 72-0239	LF	39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,394.34	
		For >10 To 25, Add	*573.34*	
		For >25 To 50, Add	*408.73*	
		For >50 To 100, Add	*204.36*	
		For >500 To 1,000, Deduct	*-33.38*	
		For >1,000 To 2,000, Deduct	*-64.26*	
		For >2,000 To 5,000, Deduct	*-97.65*	
		For >5,000, Deduct	*-159.41*	
33 01 30 72-0240	LF	39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,563.54	
		For >10 To 25, Add	*697.43*	
		For >25 To 50, Add	*489.82*	
		For >50 To 100, Add	*244.91*	
		For >500 To 1,000, Deduct	*-38.76*	
		For >1,000 To 2,000, Deduct	*-74.12*	
		For >2,000 To 5,000, Deduct	*-112.89*	
		For >5,000, Deduct	*-183.60*	
33 01 30 72-0241	LF	39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,743.45	
		For >10 To 25, Add	*848.31*	
		For >25 To 50, Add	*586.99*	
		For >50 To 100, Add	*293.50*	
		For >500 To 1,000, Deduct	*-44.95*	
		For >1,000 To 2,000, Deduct	*-85.32*	
		For >2,000 To 5,000, Deduct	*-130.27*	
		For >5,000, Deduct	*-211.01*	

33 01 30 72-0242 40.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0243	LF	40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	984.02	
		For >10 To 25, Add	*369.76*	
		For >25 To 50, Add	*268.30*	
		For >50 To 100, Add	*134.15*	
		For >500 To 1,000, Deduct	*-22.71*	
		For >1,000 To 2,000, Deduct	*-44.04*	
		For >2,000 To 5,000, Deduct	*-66.74*	
		For >5,000, Deduct	*-109.40*	
33 01 30 72-0244	LF	40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,131.08	
		For >10 To 25, Add	*427.02*	
		For >25 To 50, Add	*309.56*	
		For >50 To 100, Add	*154.78*	
		For >500 To 1,000, Deduct	*-26.15*	
		For >1,000 To 2,000, Deduct	*-50.69*	
		For >2,000 To 5,000, Deduct	*-76.84*	
		For >5,000, Deduct	*-125.93*	
33 01 30 72-0245	LF	40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,281.90	
		For >10 To 25, Add	*493.66*	
		For >25 To 50, Add	*356.44*	
		For >50 To 100, Add	*178.22*	
		For >500 To 1,000, Deduct	*-29.87*	
		For >1,000 To 2,000, Deduct	*-57.82*	
		For >2,000 To 5,000, Deduct	*-87.69*	
		For >5,000, Deduct	*-143.58*	
33 01 30 72-0246	LF	40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,442.77	
		For >10 To 25, Add	*585.45*	
		For >25 To 50, Add	*418.41*	
		For >50 To 100, Add	*209.21*	
		For >500 To 1,000, Deduct	*-34.35*	
		For >1,000 To 2,000, Deduct	*-66.20*	
		For >2,000 To 5,000, Deduct	*-100.55*	
		For >5,000, Deduct	*-164.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0247	LF	40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,617.08	
		For >10 To 25, Add	*710.81*	
		For >25 To 50, Add	*500.53*	
		For >50 To 100, Add	*250.26*	
		For >500 To 1,000, Deduct	*-39.83*	
		For >1,000 To 2,000, Deduct	*-76.26*	
		For >2,000 To 5,000, Deduct	*-116.10*	
		For >5,000, Deduct	*-188.96*	
33 01 30 72-0248	LF	40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,802.00	
		For >10 To 25, Add	*862.72*	
		For >25 To 50, Add	*598.57*	
		For >50 To 100, Add	*299.29*	
		For >500 To 1,000, Deduct	*-46.12*	
		For >1,000 To 2,000, Deduct	*-87.65*	
		For >2,000 To 5,000, Deduct	*-133.77*	
		For >5,000, Deduct	*-216.84*	

33 01 30 72-0249 42mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0005)*

33 01 30 72-0250	LF	42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,172.37	
		For >10 To 25, Add	*444.50*	
		For >25 To 50, Add	*321.95*	
		For >50 To 100, Add	*160.98*	
		For >500 To 1,000, Deduct	*-27.15*	
		For >1,000 To 2,000, Deduct	*-52.61*	
		For >2,000 To 5,000, Deduct	*-79.76*	
		For >5,000, Deduct	*-130.70*	
33 01 30 72-0251	LF	42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,328.97	
		For >10 To 25, Add	*514.09*	
		For >25 To 50, Add	*370.86*	
		For >50 To 100, Add	*185.43*	
		For >500 To 1,000, Deduct	*-31.02*	
		For >1,000 To 2,000, Deduct	*-60.03*	
		For >2,000 To 5,000, Deduct	*-91.05*	
		For >5,000, Deduct	*-149.06*	
33 01 30 72-0252	LF	42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,496.09	
		For >10 To 25, Add	*610.00*	
		For >25 To 50, Add	*435.56*	
		For >50 To 100, Add	*217.78*	
		For >500 To 1,000, Deduct	*-35.69*	
		For >1,000 To 2,000, Deduct	*-68.76*	
		For >2,000 To 5,000, Deduct	*-104.45*	
		For >5,000, Deduct	*-170.59*	
33 01 30 72-0253	LF	42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,663.21	
		For >10 To 25, Add	*705.92*	
		For >25 To 50, Add	*500.26*	
		For >50 To 100, Add	*250.13*	
		For >500 To 1,000, Deduct	*-40.36*	
		For >1,000 To 2,000, Deduct	*-77.49*	
		For >2,000 To 5,000, Deduct	*-117.84*	
		For >5,000, Deduct	*-192.11*	
33 01 30 72-0254	LF	42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,869.50	
		For >10 To 25, Add	*899.74*	
		For >25 To 50, Add	*623.71*	
		For >50 To 100, Add	*311.85*	
		For >500 To 1,000, Deduct	*-47.96*	
		For >1,000 To 2,000, Deduct	*-91.11*	
		For >2,000 To 5,000, Deduct	*-139.07*	
		For >5,000, Deduct	*-225.38*	

33 01 30 79 Fold-and-Form Pipe Lining *(33 01 30)*

33 01 30 79-0001 Form and Fold Relining Underground Pipelines *(33 01 30 79)*

Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 79-0002 Fold-And-Form Relining Underground Pipelines Set-Up And Reinsertion *(33 01 30 79-0001)*

33 01 30 79-0003	EA	Initial Set Up And Final Equipment Removal For Fold-And-Form Relining Underground Pipelines	4,166.13
33 01 30 79-0004	EA	Move And Reset Up At Different Access/Location For Fold-And-Form Relining Underground Pipelines	1,666.46

33 01 30 79-0005 Form And Fold Polyethylene (PE) Pipeliner *(33 01 30 79-0001)*

33 01 30 79-0006	LF	4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	29.73	
		For DR 26 Pipe Liner, Add	*5.20*	
		For Up To 75, Add	*17.56*	
		For >75 To 150, Add	*8.78*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000 To 2,000, Deduct	*-1.34*	
		For >2,000, Deduct	*-2.68*	
33 01 30 79-0007	LF	6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	37.87	
		For DR 26 Pipe Liner, Add	*7.07*	
		For DR 35 Pipe Liner, Deduct	*-3.53*	
		For Up To 75, Add	*20.07*	
		For >75 To 150, Add	*10.03*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000 To 2,000, Deduct	*-1.44*	
		For >2,000, Deduct	*-2.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0008	LF	8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	39.19	
		For DR 26 Pipe Liner, Add	*7.20*	
		For DR 35 Pipe Liner, Deduct	*-3.60*	
		For Up To 75, Add	*21.37*	
		For >75 To 150, Add	*10.69*	
		For >500 To 1,000, Deduct	*-0.78*	
		For >1,000 To 2,000, Deduct	*-1.56*	
		For >2,000, Deduct	*-3.12*	
33 01 30 79-0009	LF	10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	54.53	
		For DR 26 Pipe Liner, Add	*10.79*	
		For DR 35 Pipe Liner, Deduct	*-5.40*	
		For DR 41 Pipe Liner, Deduct	*-10.79*	
		For Up To 75, Add	*25.67*	
		For >75 To 150, Add	*12.84*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000 To 2,000, Deduct	*-1.70*	
		For >2,000, Deduct	*-3.41*	
33 01 30 79-0010	LF	12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	75.67	
		For DR 26 Pipe Liner, Add	*15.80*	
		For DR 35 Pipe Liner, Deduct	*-7.90*	
		For DR 41 Pipe Liner, Deduct	*-15.80*	
		For Up To 75, Add	*31.37*	
		For >75 To 150, Add	*15.69*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000 To 2,000, Deduct	*-1.87*	
		For >2,000, Deduct	*-3.75*	
33 01 30 79-0011	LF	15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	103.17	
		For DR 35 Pipe Liner, Deduct	*-11.12*	
		For DR 41 Pipe Liner, Deduct	*-22.24*	
		For Up To 75, Add	*39.11*	
		For >75 To 150, Add	*19.55*	
		For >500 To 1,000, Deduct	*-1.07*	
		For >1,000 To 2,000, Deduct	*-2.13*	
		For >2,000, Deduct	*-4.26*	
33 01 30 79-0012	LF	18" Diameter Form and Fold Polyethylene Pipeliner, DR 35	145.01	
		For DR 41 Pipe Liner, Deduct	*-12.90*	
		For DR 50 Pipe Liner, Deduct	*-25.80*	
		For Up To 75, Add	*49.83*	
		For >75 To 150, Add	*24.91*	
		For >500 To 1,000, Deduct	*-1.20*	
		For >1,000 To 2,000, Deduct	*-2.40*	
		For >2,000, Deduct	*-4.81*	
33 01 30 79-0013	LF	21" Diameter Form and Fold Polyethylene Pipeliner, DR 47	163.88	
		For DR 50 Pipe Liner, Deduct	*-21.98*	
		For DR 55 Pipe Liner, Deduct	*-36.63*	
		For Up To 75, Add	*55.34*	
		For >75 To 150, Add	*27.67*	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000 To 2,000, Deduct	*-2.60*	
		For >2,000, Deduct	*-5.21*	
33 01 30 79-0014	LF	24" Diameter Form and Fold Polyethylene Pipeliner, DR 55	199.47	
		For DR 60 Pipe Liner, Deduct	*-27.08*	
		For Up To 75, Add	*64.52*	
		For >75 To 150, Add	*32.26*	
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000 To 2,000, Deduct	*-2.84*	
		For >2,000, Deduct	*-5.68*	

33 01 30 79-0015 Form And Fold Polyvinyl Chloride (PVC) Pipeliner *(33 01 30 79-0001)*

33 01 30 79-0016	LF	4" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	31.69	
		For Up To 75, Add	*17.95*	
		For >75 To 150, Add	*8.97*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000 To 2,000, Deduct	*-1.34*	
		For >2,000, Deduct	*-2.68*	
		For DR 26 Pipe Liner, Add	*5.69*	
33 01 30 79-0017	LF	6" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	37.87	
		For Up To 75, Add	*20.07*	
		For >75 To 150, Add	*10.03*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000 To 2,000, Deduct	*-1.44*	
		For >2,000, Deduct	*-2.88*	
		For DR 26 Pipe Liner, Add	*7.07*	
		For DR 35 Pipe Liner, Deduct	*-3.53*	
33 01 30 79-0018	LF	8" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	41.81	
		For Up To 75, Add	*21.90*	
		For >75 To 150, Add	*10.95*	
		For >500 To 1,000, Deduct	*-0.78*	
		For >1,000 To 2,000, Deduct	*-1.56*	
		For >2,000, Deduct	*-3.12*	
		For DR 26 Pipe Liner, Add	*7.85*	
		For DR 35 Pipe Liner, Deduct	*-3.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0019	LF	10" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	58.45	
		For Up To 75, Add	*26.46*	
		For >75 To 150, Add	*13.23*	
		For >500 To 1,000, Deduct	*-0.85*	
		For >1,000 To 2,000, Deduct	*-1.70*	
		For >2,000, Deduct	*-3.41*	
		For DR 26 Pipe Liner, Add	*11.77*	
		For DR 35 Pipe Liner, Deduct	*-5.89*	
		For DR 41 Pipe Liner, Deduct	*-11.77*	
33 01 30 79-0020	LF	12" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	81.56	
		For Up To 75, Add	*32.55*	
		For >75 To 150, Add	*16.27*	
		For >500 To 1,000, Deduct	*-0.94*	
		For >1,000 To 2,000, Deduct	*-1.87*	
		For >2,000, Deduct	*-3.75*	
		For DR 26 Pipe Liner, Add	*17.27*	
		For DR 35 Pipe Liner, Deduct	*-8.63*	
		For DR 41 Pipe Liner, Deduct	*-17.27*	
33 01 30 79-0021	LF	15" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	111.54	
		For Up To 75, Add	*40.78*	
		For >75 To 150, Add	*20.39*	
		For >500 To 1,000, Deduct	*-1.07*	
		For >1,000 To 2,000, Deduct	*-2.13*	
		For >2,000, Deduct	*-4.26*	
		For DR 35 Pipe Liner, Deduct	*-12.17*	
		For DR 41 Pipe Liner, Deduct	*-24.33*	
33 01 30 79-0022	LF	18" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 35	157.30	
		For Up To 75, Add	*52.29*	
		For >75 To 150, Add	*26.14*	
		For >500 To 1,000, Deduct	*-1.20*	
		For >1,000 To 2,000, Deduct	*-2.40*	
		For >2,000, Deduct	*-4.81*	
		For DR 41 Pipe Liner, Deduct	*-14.13*	
		For DR 50 Pipe Liner, Deduct	*-28.26*	
33 01 30 79-0023	LF	21" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 47	177.48	
		For Up To 75, Add	*58.06*	
		For >75 To 150, Add	*29.03*	
		For >500 To 1,000, Deduct	*-1.30*	
		For >1,000 To 2,000, Deduct	*-2.60*	
		For >2,000, Deduct	*-5.21*	
		For DR 50 Pipe Liner, Deduct	*-24.02*	
		For DR 55 Pipe Liner, Deduct	*-40.03*	
33 01 30 79-0024	LF	24" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 55	216.74	
		For Up To 75, Add	*67.97*	
		For >75 To 150, Add	*33.99*	
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000 To 2,000, Deduct	*-2.84*	
		For >2,000, Deduct	*-5.68*	
		For DR 60 Pipe Liner, Deduct	*-29.67*	

33 01 30 81 Manhole Rehabilitation *(33 01 30)*

33 01 30 81-0001 Restoration And Rehabilitation Of Manholes *(33 01 30 81)*
Note: Work is in confined spaces.

33 01 30 81-0002 Inspection And Ventilation System Set-up *(33 01 30 81-0001)*

33 01 30 81-0003	EA	Inspect Manhole	151.48
33 01 30 81-0004	EA	36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains.	9,137.75
33 01 30 81-0005	EA	>60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System Note: For internal inspection and repair of water mains	12,885.45

33 01 30 81-0006 Manhole Seals *(33 01 30 81-0001)*

33 01 30 81-0007 Internal Manhole Chimney Seals *(33 01 30 81-0006)*
Note: Cretex.

33 01 30 81-0008	EA	20" Internal Manhole Chimney Seal	409.86
33 01 30 81-0009	EA	22" Internal Manhole Chimney Seal	432.02
33 01 30 81-0010	EA	24" Internal Manhole Chimney Seal	443.09
33 01 30 81-0011	EA	26" Internal Manhole Chimney Seal	509.56
33 01 30 81-0012	EA	28" Internal Manhole Chimney Seal	576.02
33 01 30 81-0013	EA	30" Internal Manhole Chimney Seal	642.49
33 01 30 81-0014	EA	36" Internal Manhole Chimney Seal	775.42

33 01 30 81-0015 External Manhole Encapsulation *(33 01 30 81-0006)*
Note: Wrapidseal.

33 01 30 81-0016	EA	24" External Manhole Encapsulation	598.18
33 01 30 81-0017	EA	30" External Manhole Encapsulation	631.42
33 01 30 81-0018	EA	36" External Manhole Encapsulation	675.72
33 01 30 81-0019	EA	42" External Manhole Encapsulation	731.11
33 01 30 81-0020	EA	48" External Manhole Encapsulation	808.65
33 01 30 81-0021	EA	54" External Manhole Encapsulation	897.26
33 01 30 81-0022	EA	60" External Manhole Encapsulation	1,008.05

33 01 30 81-0023 Manhole Crack Repair *(33 01 30 81-0001)*
Note: Includes removing loose materials and cleaning.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 81-0024	LF	Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair	44.10	
33 01 30 81-0025	LF	>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	59.46	
33 01 30 81-0026	LF	Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	41.50	
33 01 30 81-0027	LF	>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	56.09	

33 01 30 81-0028 Manhole Patching *(33 01 30 81-0001)*

Note: Includes removing loose materials and cleaning.

33 01 30 81-0029	SF	Up To 1/4" Thick, Cementitious Grout, Manhole Patching	13.54	
33 01 30 81-0030	SF	Up To 1/4" Thick, Epoxy Grout, Manhole Patching	34.90	

33 01 30 81-0031 Manhole Joint Restoration *(33 01 30 81-0001)*

Note: Includes drilling holes at joints, fill joints with grout.

33 01 30 81-0032	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	1,531.41	
		For Grouting Each Additional Manhole Joint Section, Add	*198.02*	
33 01 30 81-0033	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	1,787.63	
		For Grouting Each Additional Manhole Joint Section, Add	*218.52*	
33 01 30 81-0034	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,041.89	
		For Grouting Each Additional Manhole Joint Section, Add	*239.02*	
33 01 30 81-0035	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,399.57	
		For Grouting Each Additional Manhole Joint Section, Add	*249.28*	
33 01 30 81-0036	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,756.27	
		For Grouting Each Additional Manhole Joint Section, Add	*259.53*	

33 01 30 81-0037 Step Installation In Existing Manholes *(33 01 30 81-0001)*

Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.

33 01 30 81-0038	EA	Drill And Grout 8" x 9" Cast Iron Manhole Steps	107.62	18.06
33 01 30 81-0039	EA	Drill And Grout Galvanized Steel Manhole Step	83.84	18.06
33 01 30 81-0040	EA	Bolt On Galvanized Steel Manhole Step	102.35	18.06
33 01 30 81-0041	EA	Drill And Grout Aluminum Manhole Step	95.43	18.06
33 01 30 81-0042	EA	Drill And Insert Polypropylene Manhole Step	50.49	14.45

33 01 30 81-0043 Invert Restoration *(33 01 30 81-0001)*

Note: Includes removal of existing defective material and installation of new material.

33 01 30 81-0044 Concrete Invert Restoration *(33 01 30 81-0043)*

33 01 30 81-0045	EA	2' Diameter, Concrete Invert Restoration	303.45
33 01 30 81-0046	EA	3' Diameter, Concrete Invert Restoration	341.33
33 01 30 81-0047	EA	4' Diameter, Concrete Invert Restoration	379.19
33 01 30 81-0048	EA	5' Diameter, Concrete Invert Restoration	417.06
33 01 30 81-0049	EA	6' Diameter, Concrete Invert Restoration	530.67
33 01 30 81-0050	SF	Square Or Rectangular, Concrete Invert Restoration	30.15

33 01 30 81-0051 Brick Invert Restoration *(33 01 30 81-0043)*

33 01 30 81-0052	EA	2' Diameter, Brick Invert Restoration	529.84
33 01 30 81-0053	EA	3' Diameter, Brick Invert Restoration	567.71
33 01 30 81-0054	EA	4' Diameter, Brick Invert Restoration	605.58
33 01 30 81-0055	EA	5' Diameter, Brick Invert Restoration	643.45
33 01 30 81-0056	EA	6' Diameter, Brick Invert Restoration	681.32
33 01 30 81-0057	SF	Square Or Rectangular, Brick Invert Restoration	42.22

33 01 30 82 Epoxy Lining For Concrete Manholes *(33 01 30)*

33 01 30 82-0001 Epoxy Manhole Restoration, Interior *(33 01 30 82)*

33 01 30 82-0002	VLF	60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior	265.61
		For 80 Mil Material, Add	*28.95*
		For 100 Mil Material, Add	*57.90*
		For 125 Mil Material, Add	*89.76*
		For 150 Mil Material, Add	*121.62*
		For 200 Mil Material, Add	*173.81*
		For 2 To 5 Manholes, Deduct	*-19.05*
		For 6 To 10 Manholes, Deduct	*-31.45*
		For >10 Manholes, Deduct	*-62.91*
33 01 30 82-0003	VLF	60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	322.72
		For 80 Mil Material, Add	*34.75*
		For 100 Mil Material, Add	*69.49*
		For 125 Mil Material, Add	*107.64*
		For 150 Mil Material, Add	*145.79*
		For 200 Mil Material, Add	*207.99*
		For 2 To 5 Manholes, Deduct	*-23.18*
		For 6 To 10 Manholes, Deduct	*-38.30*
		For >10 Manholes, Deduct	*-76.60*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 82-0004	VLF	60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior	354.14	
		For 80 Mil Material, Add	*38.60*	
		For 100 Mil Material, Add	*77.20*	
		For 125 Mil Material, Add	*119.68*	
		For 150 Mil Material, Add	*162.16*	
		For 200 Mil Material, Add	*231.75*	
		For 2 To 5 Manholes, Deduct	*-25.40*	
		For 6 To 10 Manholes, Deduct	*-41.94*	
		For >10 Manholes, Deduct	*-83.88*	
33 01 30 82-0005	VLF	60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior	442.71	
		For 80 Mil Material, Add	*48.26*	
		For 100 Mil Material, Add	*96.52*	
		For 125 Mil Material, Add	*149.63*	
		For 150 Mil Material, Add	*202.75*	
		For 200 Mil Material, Add	*289.76*	
		For 2 To 5 Manholes, Deduct	*-31.75*	
		For 6 To 10 Manholes, Deduct	*-52.42*	
		For >10 Manholes, Deduct	*-104.85*	
33 01 30 82-0006	VLF	60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	531.24	
		For 80 Mil Material, Add	*57.91*	
		For 100 Mil Material, Add	*115.82*	
		For 125 Mil Material, Add	*179.55*	
		For 150 Mil Material, Add	*243.29*	
		For 200 Mil Material, Add	*347.69*	
		For 2 To 5 Manholes, Deduct	*-38.09*	
		For 6 To 10 Manholes, Deduct	*-62.91*	
		For >10 Manholes, Deduct	*-125.82*	

33 01 30 83 Lining For Concrete Manholes *(33 01 30)*

33 01 30 83-0001 Manhole Lining *(33 01 30 83)*

Note: Includes power washing and cleaning of manhole interiors.

33 01 30 83-0002 Cementitious Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0003	VLF	1/2" Cementitious Restoration On 3' Diameter Manhole Interior	120.58	
		For Each Additional 1/2" Thick Material, Add	*30.61*	
		For 2 To 5 Manholes, Deduct	*-8.46*	
		For 6 To 10 Manholes, Deduct	*-13.91*	
		For >10 Manholes, Deduct	*-27.83*	
33 01 30 83-0004	VLF	1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	139.83	
		For Each Additional 1/2" Thick Material, Add	*35.63*	
		For 2 To 5 Manholes, Deduct	*-9.81*	
		For 6 To 10 Manholes, Deduct	*-16.13*	
		For >10 Manholes, Deduct	*-32.25*	
33 01 30 83-0005	VLF	1/2" Cementitious Restoration On 4' Diameter Manhole Interior	159.07	
		For Each Additional 1/2" Thick Material, Add	*40.65*	
		For 2 To 5 Manholes, Deduct	*-11.16*	
		For 6 To 10 Manholes, Deduct	*-18.34*	
		For >10 Manholes, Deduct	*-36.67*	
33 01 30 83-0006	VLF	1/2" Cementitious Restoration On 5' Diameter Manhole Interior	187.49	
		For Each Additional 1/2" Thick Material, Add	*49.82*	
		For 2 To 5 Manholes, Deduct	*-13.09*	
		For 6 To 10 Manholes, Deduct	*-21.49*	
		For >10 Manholes, Deduct	*-42.99*	
33 01 30 83-0007	VLF	1/2" Cementitious Restoration On 6' Diameter Manhole Interior	205.29	
		For Each Additional 1/2" Thick Material, Add	*57.64*	
		For 2 To 5 Manholes, Deduct	*-14.24*	
		For 6 To 10 Manholes, Deduct	*-23.34*	
		For >10 Manholes, Deduct	*-46.68*	

33 01 30 83-0008 Polyurethane Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0009	VLF	60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior	242.87	
		For 80 Mil Material, Add	*21.37*	
		For 100 Mil Material, Add	*42.74*	
		For 125 Mil Material, Add	*65.13*	
		For 150 Mil Material, Add	*87.51*	
		For 200 Mil Material, Add	*120.75*	
		For 2 To 5 Manholes, Deduct	*-17.91*	
		For 6 To 10 Manholes, Deduct	*-29.75*	
		For >10 Manholes, Deduct	*-59.50*	
33 01 30 83-0010	VLF	60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior	296.16	
		For 80 Mil Material, Add	*25.89*	
		For 100 Mil Material, Add	*51.79*	
		For 125 Mil Material, Add	*78.87*	
		For 150 Mil Material, Add	*105.95*	
		For 200 Mil Material, Add	*146.01*	
		For 2 To 5 Manholes, Deduct	*-21.86*	
		For 6 To 10 Manholes, Deduct	*-36.31*	
		For >10 Manholes, Deduct	*-72.62*	
33 01 30 83-0011	VLF	60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior	323.82	
		For 80 Mil Material, Add	*28.49*	
		For 100 Mil Material, Add	*56.98*	
		For 125 Mil Material, Add	*86.83*	
		For 150 Mil Material, Add	*116.68*	
		For 200 Mil Material, Add	*161.00*	
		For 2 To 5 Manholes, Deduct	*-23.88*	
		For 6 To 10 Manholes, Deduct	*-39.66*	
		For >10 Manholes, Deduct	*-79.33*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0012	VLF	60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	404.79	
		For 80 Mil Material, Add	*35.62*	
		For 100 Mil Material, Add	*71.24*	
		For 125 Mil Material, Add	*108.55*	
		For 150 Mil Material, Add	*145.87*	
		For 200 Mil Material, Add	*201.28*	
		For 2 To 5 Manholes, Deduct	*-29.85*	
		For 6 To 10 Manholes, Deduct	*-49.58*	
		For >10 Manholes, Deduct	*-99.16*	
33 01 30 83-0013	VLF	60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	485.74	
		For 80 Mil Material, Add	*42.74*	
		For 100 Mil Material, Add	*85.48*	
		For 125 Mil Material, Add	*130.26*	
		For 150 Mil Material, Add	*175.04*	
		For 200 Mil Material, Add	*241.53*	
		For 2 To 5 Manholes, Deduct	*-35.82*	
		For 6 To 10 Manholes, Deduct	*-59.50*	
		For >10 Manholes, Deduct	*-118.99*	

33 01 30 83-0014 Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration, Interior *(33 01 30 83-0001)*

33 01 30 83-0015	VLF	3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	359.69	
		For 2 To 5 Manholes, Deduct	*-21.50*	
		For 6 To 10 Manholes, Deduct	*-34.01*	
		For >10 Manholes, Deduct	*-68.01*	
33 01 30 83-0016	VLF	3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	440.41	
		For 2 To 5 Manholes, Deduct	*-26.32*	
		For 6 To 10 Manholes, Deduct	*-41.62*	
		For >10 Manholes, Deduct	*-83.25*	
33 01 30 83-0017	VLF	4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	515.23	
		For 2 To 5 Manholes, Deduct	*-30.45*	
		For 6 To 10 Manholes, Deduct	*-48.02*	
		For >10 Manholes, Deduct	*-96.03*	
33 01 30 83-0018	VLF	5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	645.94	
		For 2 To 5 Manholes, Deduct	*-38.16*	
		For 6 To 10 Manholes, Deduct	*-60.16*	
		For >10 Manholes, Deduct	*-120.33*	
33 01 30 83-0019	VLF	6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole	776.65	
		For 2 To 5 Manholes, Deduct	*-45.86*	
		For 6 To 10 Manholes, Deduct	*-72.31*	
		For >10 Manholes, Deduct	*-144.62*	

33 01 30 86 Manhole Rim Adjustment *(33 01 30)*

33 01 30 86-0001 Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86)*

33 01 30 86-0002 Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers *(33 01 30 86-0001)*

33 01 30 86-0003	EA	Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	278.53
33 01 30 86-0004	EA	>2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	312.39
33 01 30 86-0005	EA	>3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	343.31
33 01 30 86-0006	EA	>4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	378.28
33 01 30 86-0007	EA	>5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	406.99

33 01 30 86-0008 Up To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser *(33 01 30 86-0001)*

33 01 30 86-0009	EA	Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	324.77
33 01 30 86-0010	EA	>2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	353.64
33 01 30 86-0011	EA	>3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	389.73
33 01 30 86-0012	EA	>4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	424.69
33 01 30 86-0013	EA	>5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	458.53

33 01 30 86-0014 >6" To 12" Rise, >32-1/2" To 36" Diameter, Solid, Cast Iron, Manhole Cover Risers *(33 01 30 86-0001)*

33 01 30 86-0015	EA	>6" To 6-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	454.46
33 01 30 86-0016	EA	7" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	493.77
33 01 30 86-0017	EA	7-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	533.77
33 01 30 86-0018	EA	8" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	566.04
33 01 30 86-0019	EA	9" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	614.51
33 01 30 86-0020	EA	10" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	658.85
33 01 30 86-0021	EA	11" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	702.42
33 01 30 86-0022	EA	12" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser	747.02

33 01 30 86-0023 >12" Rise, Solid Manhole Risers *(33 01 30 86)*

33 01 30 86-0024 Precast Concrete Manhole Riser *(33 01 30 86-0023)*

33 01 30 86-0025	VLF	Up To 26" Diameter Precast Concrete Manhole Riser	92.48
33 01 30 86-0026	VLF	>26" To 36" Diameter Precast Concrete Manhole Riser	110.41
33 01 30 86-0027	VLF	>36" To 48" Diameter Precast Concrete Manhole Riser	126.01
33 01 30 86-0028	VLF	>48" To 60" Diameter Precast Concrete Manhole Riser	252.07
33 01 30 86-0029	VLF	>60" To 72" Diameter Precast Concrete Manhole Riser	370.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 05 Common Work Results For Utilities *(33)*

33 05 07 Trenchless Installation of Utility Piping *(33 05)*

33 05 07 13 Utility Directional Drilling *(33 05 07)*

33 05 07 13-0001 Horizontal Augering *(33 05 07 13)*

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal.

33 05 07 13-0002	LF	Up To 2" Diameter Horizontal Hand Augering	20.95
33 05 07 13-0003	LF	3" Diameter Horizontal Hand Augering	25.29
33 05 07 13-0004	LF	4" Diameter Horizontal Hand Augering	34.68
33 05 07 13-0005	LF	6" Diameter Horizontal Hand Augering	44.80
33 05 07 13-0006	LF	8" Diameter Horizontal Augering	79.17
33 05 07 13-0007	LF	10" Diameter Horizontal Augering	115.50
33 05 07 13-0008	LF	12" Diameter Horizontal Augering	138.79
33 05 07 13-0009	LF	16" Diameter Horizontal Augering	165.80
33 05 07 13-0010	LF	20" Diameter Horizontal Augering	286.89
33 05 07 13-0011	LF	24" Diameter Horizontal Augering	354.65
33 05 07 13-0012	LF	30" Diameter Horizontal Augering	437.44
33 05 07 13-0013	LF	36" Diameter Horizontal Augering	499.79
33 05 07 13-0014	LF	42" Diameter Horizontal Augering	636.58
33 05 07 13-0015	LF	48" Diameter Horizontal Augering	685.91
33 05 07 13-0016	LF	54" Diameter Horizontal Augering	745.97
33 05 07 13-0017	LF	60" Diameter Horizontal Augering	782.06
33 05 07 13-0018	EA	8" To 20" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,353.28
33 05 07 13-0019	EA	>20" To 36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,497.10
33 05 07 13-0020	EA	>36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	6,498.45

33 05 07 13-0021 Horizontal Directional Boring *(33 05 07 13)*

Note: Excludes receiving pits or dewatering or cost of casing pipe.

33 05 07 13-0022	LF	Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	11.00
		For Horizontal Boring Through Rock, Add	*7.70*
33 05 07 13-0023	LF	2" Diameter Directional Boring For Horizontal Pipe, Underground	16.49
		For Horizontal Boring Through Rock, Add	*11.54*
33 05 07 13-0024	LF	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	22.91
		For Horizontal Boring Through Rock, Add	*16.04*
33 05 07 13-0025	LF	3" Diameter Directional Boring For Horizontal Pipe, Underground	28.41
		For Horizontal Boring Through Rock, Add	*19.89*
33 05 07 13-0026	LF	4" Diameter Directional Boring For Horizontal Pipe, Underground	33.91
		For Horizontal Boring Through Rock, Add	*23.74*
33 05 07 13-0027	LF	5" Diameter Directional Boring For Horizontal Pipe, Underground	39.41
		For Horizontal Boring Through Rock, Add	*27.59*
33 05 07 13-0028	LF	6" Diameter Directional Boring For Horizontal Pipe, Underground	45.82
		For Horizontal Boring Through Rock, Add	*32.07*
33 05 07 13-0029	LF	8" Diameter Directional Boring For Horizontal Pipe, Underground	55.89
		For Horizontal Boring Through Rock, Add	*39.12*
33 05 07 13-0030	LF	10" Diameter Directional Boring For Horizontal Pipe, Underground	60.55
		For Horizontal Boring Through Rock, Add	*42.39*
33 05 07 13-0031	LF	12" Diameter Directional Boring For Horizontal Pipe, Underground	65.21
		For Horizontal Boring Through Rock, Add	*45.65*
33 05 07 13-0032	LF	18" Diameter Directional Boring For Horizontal Pipe, Underground	135.06
		For Horizontal Boring Through Rock, Add	*94.54*
33 05 07 13-0033	LF	24" Diameter Directional Boring For Horizontal Pipe, Underground	209.53
		For Horizontal Boring Through Rock, Add	*146.67*
33 05 07 13-0034	LF	30" Diameter Directional Boring For Horizontal Pipe, Underground	319.39
		For Horizontal Boring Through Rock, Add	*223.57*
33 05 07 13-0035	LF	36" Diameter Directional Boring For Horizontal Pipe, Underground	511.04
		For Horizontal Boring Through Rock, Add	*357.73*
33 05 07 13-0036	EA	Up To 6" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	2,932.50
33 05 07 13-0037	EA	>6" To 18" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,353.28
33 05 07 13-0038	EA	>18" To 36" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,497.10

33 05 07 23 Utility Boring and Jacking *(33 05 07)*

33 05 07 23-0001 Horizontal Jacking *(33 05 07 23)*

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

33 05 07 23-0002	LF	Up To 2" Diameter Horizontal Jacking	46.56
		For Horizontal Jacking Through Rock, Add	*24.43*
33 05 07 23-0003	LF	3" Diameter Horizontal Jacking	55.90
		For Horizontal Jacking Through Rock, Add	*29.48*
33 05 07 23-0004	LF	4" Diameter Horizontal Jacking	75.80
		For Horizontal Jacking Through Rock, Add	*40.44*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 23-0005	LF	6" Diameter Horizontal Jacking	97.94	
		For Horizontal Jacking Through Rock, Add	*52.23*	
33 05 07 23-0006	LF	8" Diameter Horizontal Jacking	133.03	
		For Horizontal Jacking Through Rock, Add	*71.60*	
33 05 07 23-0007	LF	10" Diameter Horizontal Jacking	194.82	
		For Horizontal Jacking Through Rock, Add	*104.45*	
33 05 07 23-0008	LF	12" Diameter Horizontal Jacking	234.45	
		For Horizontal Jacking Through Rock, Add	*125.52*	
33 05 07 23-0009	LF	16" Diameter Horizontal Jacking	279.96	
		For Horizontal Jacking Through Rock, Add	*149.95*	
33 05 07 23-0010	LF	20" Diameter Horizontal Jacking	447.14	
		For Horizontal Jacking Through Rock, Add	*260.30*	
33 05 07 23-0011	LF	24" Diameter Horizontal Jacking	682.41	
		For Horizontal Jacking Through Rock, Add	*292.12*	
33 05 07 23-0012	LF	30" Diameter Horizontal Jacking	801.60	
		For Horizontal Jacking Through Rock, Add	*360.71*	
33 05 07 23-0013	LF	36" Diameter Horizontal Jacking	907.31	
		For Horizontal Jacking Through Rock, Add	*412.44*	
33 05 07 23-0014	LF	42" Diameter Horizontal Jacking	975.58	
		For Horizontal Jacking Through Rock, Add	*445.38*	
33 05 07 23-0015	LF	48" Diameter Horizontal Jacking	1,056.69	
		For Horizontal Jacking Through Rock, Add	*479.89*	
33 05 07 23-0016	LF	54" Diameter Horizontal Jacking	1,133.04	
		For Horizontal Jacking Through Rock, Add	*522.28*	
33 05 07 23-0017	EA	Up To 6" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	2,932.50	
33 05 07 23-0018	EA	>6" To 20" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,353.28	
33 05 07 23-0019	EA	>20" To 36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,497.10	
33 05 07 23-0020	EA	>36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	6,498.45	

33 05 07 24 Casing Piping for Utility Jacking *(33 05 07)*

33 05 07 24-0001 Casing Pipe *(33 05 07 24)*

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

33 05 07 24-0002 Steel Pipe *(33 05 07 24-0001)*

33 05 07 24-0003	LF	1-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	11.75
33 05 07 24-0004	LF	2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	12.46
33 05 07 24-0005	LF	2-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	13.44
33 05 07 24-0006	LF	3" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	14.44
33 05 07 24-0007	LF	4" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	18.13
33 05 07 24-0008	LF	5" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	20.44
33 05 07 24-0009	LF	6" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	22.75

33 05 07 24-0010 Polyethylene Pipe *(33 05 07 24-0001)*

33 05 07 24-0011	LF	3/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	4.57
33 05 07 24-0012	LF	1" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	5.02
33 05 07 24-0013	LF	1-1/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	5.44
33 05 07 24-0014	LF	1-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	5.82
33 05 07 24-0015	LF	2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	6.22
33 05 07 24-0016	LF	2-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	6.65
33 05 07 24-0017	LF	3" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	7.10
33 05 07 24-0018	LF	4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.62
33 05 07 24-0019	LF	5" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	9.55
33 05 07 24-0020	LF	6" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	10.48
33 05 07 24-0021	LF	8" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	13.66
33 05 07 24-0022	LF	10" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	18.62

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 05 61 Concrete Manholes *(33 05)*

33 05 61 00-0001 Manholes *(33 05 61)*

33 05 61 00-0002 Cast In Place Concrete, 8" Thick *(33 05 61 00-0001)*

Note: Includes base, wall, top and block-out for openings.

33 05 61 00-0003 48" Diameter *(33 05 61 00-0002)*

33 05 61 00-0004	EA	4' Diameter x 4' Deep Cast In Place Manhole 8" Thick	1,667.22	525.90
33 05 61 00-0005	EA	4' Diameter x 6' Deep Cast In Place Manhole 8" Thick	2,300.27	719.49
33 05 61 00-0006	EA	4' Diameter x 8' Deep Cast In Place Manhole 8" Thick	3,264.34	1,078.61
33 05 61 00-0007	VLF	4' Diameter x Vertical Linear Foot Depth Cast In Place Manhole 8" Thick, Over 8'	403.11	134.88

33 05 61 00-0008 Precast Concrete Manholes *(33 05 61 00-0001)*

Note: Includes base, riser(s), reducer and openings. See CSI section 33 05 84 00-0002 for top slabs.

33 05 61 00-0009 3' Diameter, Precast Concrete Manholes *(33 05 61 00-0008)*

33 05 61 00-0010	EA	4' Deep, 3' Diameter, Precast Concrete Manhole	1,099.42	234.01
		For Bitumastic Coating, Add	*45.31*	
		For Epoxy Coating, Add	*86.59*	
33 05 61 00-0011	EA	6' Deep, 3' Diameter, Precast Concrete Manhole	1,506.76	336.13
		For Bitumastic Coating, Add	*67.97*	
		For Epoxy Coating, Add	*129.88*	
33 05 61 00-0012	EA	8' Deep, 3' Diameter, Precast Concrete Manhole	2,058.77	510.59
		For Bitumastic Coating, Add	*90.63*	
		For Epoxy Coating, Add	*173.18*	
33 05 61 00-0013	VLF	Riser For 3' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	220.69	59.57
		For Bitumastic Coating, Add	*11.33*	
		For Epoxy Coating, Add	*21.65*	
33 05 61 00-0014	VLF	Drop Collar For 3' Diameter, Precast Concrete Manhole	235.58	59.57
33 05 61 00-0015	EA	Drop Base For 3' Diameter, Precast Concrete Manhole	359.56	59.57
33 05 61 00-0016	EA	Extended Base Slab For 3' Diameter, Precast Concrete Manhole	292.98	59.57
33 05 61 00-0017	EA	Precast Channel For 3' Diameter, Precast Concrete Manhole	406.38	59.57

33 05 61 00-0018 4' Diameter, Precast Concrete Manholes *(33 05 61 00-0008)*

33 05 61 00-0019	EA	4' Deep, 4' Diameter, Precast Concrete Manhole	1,381.48	268.05
		For Bitumastic Coating, Add	*45.31*	
		For Epoxy Coating, Add	*86.59*	
33 05 61 00-0020	EA	6' Deep, 4' Diameter, Precast Concrete Manhole	1,850.17	365.92
		For Bitumastic Coating, Add	*67.97*	
		For Epoxy Coating, Add	*129.88*	
33 05 61 00-0021	EA	8' Deep, 4' Diameter, Precast Concrete Manhole	2,489.73	553.13
		For Bitumastic Coating, Add	*90.63*	
		For Epoxy Coating, Add	*173.18*	
33 05 61 00-0022	VLF	Riser For 4' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	273.70	70.20
		For Bitumastic Coating, Add	*11.33*	
		For Epoxy Coating, Add	*21.65*	
33 05 61 00-0023	VLF	Drop Collar For 4' Diameter, Precast Concrete Manhole	293.57	70.20
33 05 61 00-0024	EA	Drop Base For 4' Diameter, Precast Concrete Manhole	458.86	70.20
33 05 61 00-0025	EA	Extended Base Slab For 4' Diameter, Precast Concrete Manhole	370.10	70.20
33 05 61 00-0026	EA	Precast Channel For 4' Diameter, Precast Concrete Manhole	521.30	70.20

33 05 61 00-0027 5' Diameter, Precast Concrete Manholes *(33 05 61 00-0008)*

33 05 61 00-0028	EA	4' Deep, 5' Diameter, Precast Concrete Manhole	2,445.92	297.84
		For Bitumastic Coating, Add	*58.38*	
		For Epoxy Coating, Add	*139.59*	
33 05 61 00-0029	EA	6' Deep, 5' Diameter, Precast Concrete Manhole	3,264.72	408.46
		For Bitumastic Coating, Add	*87.57*	
		For Epoxy Coating, Add	*209.39*	
33 05 61 00-0030	EA	8' Deep, 5' Diameter, Precast Concrete Manhole	4,272.93	612.70
		For Bitumastic Coating, Add	*116.77*	
		For Epoxy Coating, Add	*279.18*	
33 05 61 00-0031	VLF	Riser For 5' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	453.29	76.59
		For Bitumastic Coating, Add	*14.60*	
		For Epoxy Coating, Add	*34.90*	

33 05 61 00-0032 6' Diameter, Precast Concrete Manholes *(33 05 61 00-0008)*

33 05 61 00-0033	EA	4' Deep, 6' Diameter, Precast Concrete Manhole	3,232.45	331.88
		For Bitumastic Coating, Add	*66.84*	
		For Epoxy Coating, Add	*163.42*	
33 05 61 00-0034	EA	6' Deep, 6' Diameter, Precast Concrete Manhole	4,225.50	451.01
		For Bitumastic Coating, Add	*100.26*	
		For Epoxy Coating, Add	*245.14*	
33 05 61 00-0035	EA	8' Deep, 6' Diameter, Precast Concrete Manhole	5,430.63	680.77
		For Bitumastic Coating, Add	*133.68*	
		For Epoxy Coating, Add	*326.85*	
33 05 61 00-0036	VLF	Riser For 6' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	544.96	85.10
		For Bitumastic Coating, Add	*16.71*	
		For Epoxy Coating, Add	*40.86*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0037		**7' Diameter, Precast Concrete Manholes** *(33 05 61 00-0008)*		
33 05 61 00-0038	EA	4' Deep, 7' Diameter, Precast Concrete Manhole	4,984.00	365.92
		For Bitumastic Coating, Add	*142.14*	
		For Epoxy Coating, Add	*285.57*	
33 05 61 00-0039	EA	6' Deep, 7' Diameter, Precast Concrete Manhole	6,463.54	499.10
		For Bitumastic Coating, Add	*213.21*	
		For Epoxy Coating, Add	*428.36*	
33 05 61 00-0040	EA	8' Deep, 7' Diameter, Precast Concrete Manhole	8,176.27	748.86
		For Bitumastic Coating, Add	*284.28*	
		For Epoxy Coating, Add	*571.15*	
33 05 61 00-0041	VLF	Riser For 7' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	793.81	93.61
		For Bitumastic Coating, Add	*35.53*	
		For Epoxy Coating, Add	*71.39*	
33 05 61 00-0042		**8' Diameter, Precast Concrete Manholes** *(33 05 61 00-0008)*		
33 05 61 00-0043	EA	4' Deep, 8' Diameter, Precast Concrete Manhole	7,135.50	421.23
		For Bitumastic Coating, Add	*168.04*	
		For Epoxy Coating, Add	*348.09*	
33 05 61 00-0044	EA	6' Deep, 8' Diameter, Precast Concrete Manhole	9,272.36	574.40
		For Bitumastic Coating, Add	*252.06*	
		For Epoxy Coating, Add	*522.13*	
33 05 61 00-0045	EA	8' Deep, 8' Diameter, Precast Concrete Manhole	11,677.25	861.61
		For Bitumastic Coating, Add	*336.08*	
		For Epoxy Coating, Add	*696.18*	
33 05 61 00-0046	VLF	Riser For 8' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,127.99	106.37
		For Bitumastic Coating, Add	*42.01*	
		For Epoxy Coating, Add	*87.02*	

33 05 63 Concrete Vaults and Chambers *(33 05)*

33 05 63 00-0001 Underground Utility Vaults And Structures *(33 05 63)*

See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.

33 05 63 00-0002 Precast Concrete Underground Utility Vault *(33 05 63 00-0001)*

Note: Sizes given are for inside dimensions.

33 05 63 00-0003 6' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0004	EA	4' x 4' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	2,959.15
33 05 63 00-0005	EA	4' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,857.25
33 05 63 00-0006	EA	5' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,363.50
33 05 63 00-0007	EA	5' x 12' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,347.75
33 05 63 00-0008	EA	6' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,929.34
33 05 63 00-0009	EA	6' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,000.57
33 05 63 00-0010	EA	6' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,072.67
33 05 63 00-0011	EA	6' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,218.62
33 05 63 00-0012	EA	6' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	10,218.62
33 05 63 00-0013	EA	6' x 16' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,866.87
33 05 63 00-0014	EA	8' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,246.67
33 05 63 00-0015	EA	8' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,491.92
33 05 63 00-0016	EA	8' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,138.45
33 05 63 00-0017	EA	8' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,661.73

33 05 63 00-0018 7' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0019	EA	4' x 4' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,257.66
33 05 63 00-0020	EA	4' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,229.97
33 05 63 00-0021	EA	4' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,202.25
33 05 63 00-0022	EA	5' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,922.15
33 05 63 00-0023	EA	5' x 12' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,981.45
33 05 63 00-0024	EA	6' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,376.25
33 05 63 00-0025	EA	6' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,522.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0026	EA	6' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,668.84	
33 05 63 00-0027	EA	6' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	11,112.43	
33 05 63 00-0028	EA	6' x 16' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,959.42	
33 05 63 00-0029	EA	8' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,842.83	
33 05 63 00-0030	EA	8' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,162.29	
33 05 63 00-0031	EA	8' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,132.13	
33 05 63 00-0032	EA	8' x 14' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,753.42	
33 05 63 00-0033	EA	10' x 10' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,330.24	

33 05 63 00-0034 8' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0035	EA	4' x 4' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,555.31	
33 05 63 00-0036	EA	4' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,602.67	
33 05 63 00-0037	EA	5' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,480.79	
33 05 63 00-0038	EA	5' x 12' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,614.30	
33 05 63 00-0039	EA	6' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,823.17	
33 05 63 00-0040	EA	6' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,043.68	
33 05 63 00-0041	EA	6' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,264.20	
33 05 63 00-0042	EA	6' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,006.25	
33 05 63 00-0043	EA	6' x 16' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,052.01	
33 05 63 00-0044	EA	8' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,438.16	
33 05 63 00-0045	EA	8' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,832.66	
33 05 63 00-0046	EA	8' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,124.89	
33 05 63 00-0047	EA	8' x 14' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,846.02	
33 05 63 00-0048	EA	10' x 10' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,323.62	

33 05 63 00-0049 10' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0050	EA	6' x 6' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,270.11	
33 05 63 00-0051	EA	6' x 8' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,564.79	
33 05 63 00-0052	EA	10' x 10' x 10' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,316.33	

33 05 63 00-0053 12' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0054	EA	6' x 6' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,717.03	
33 05 63 00-0055	EA	6' x 8' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,086.78	

33 05 63 00-0056 Meter Pit *(33 05 63 00-0001)*

33 05 63 00-0057 Precast Concrete Meter Pit *(33 05 63 00-0056)*

33 05 63 00-0058	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit	2,071.88	
33 05 63 00-0059	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit	2,770.81	
33 05 63 00-0060	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit	3,423.10	
33 05 63 00-0061	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit	4,208.99	
33 05 63 00-0062	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit	5,706.70	
33 05 63 00-0063	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit	3,105.79	
33 05 63 00-0064	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit	4,208.99	
33 05 63 00-0065	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit	5,369.35	
33 05 63 00-0066	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit	6,700.58	
33 05 63 00-0067	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit	9,296.63	

33 05 63 00-0068 Handhole Or Pull Box Enclosures *(33 05 63 00-0001)*

33 05 63 00-0069 Polymer Concrete Handhole Enclosures *(33 05 63 00-0068)*

33 05 63 00-0070 Polymer Concrete Handhole Enclosures *(33 05 63 00-0069)*

33 05 63 00-0071 Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0072		**Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0071)*		
33 05 63 00-0073	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	218.95	19.12
33 05 63 00-0074	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	196.87	42.45
33 05 63 00-0075	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	300.24	63.67
33 05 63 00-0076	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	345.87	63.67
33 05 63 00-0077	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	330.79	63.67
33 05 63 00-0078	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	396.60	63.67
33 05 63 00-0079	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	386.67	63.67
33 05 63 00-0080	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	519.93	63.67
33 05 63 00-0081	EA	27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	736.79	84.90
33 05 63 00-0082	EA	27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,023.57	84.90
33 05 63 00-0083	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	680.88	116.73
33 05 63 00-0084	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	770.69	116.73
33 05 63 00-0085	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,237.88	116.73
33 05 63 00-0086	EA	39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	727.91	127.33
33 05 63 00-0087	EA	39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,022.09	127.33
33 05 63 00-0088	EA	39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,262.65	127.33
33 05 63 00-0089	EA	39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,831.63	127.33
33 05 63 00-0090	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,050.56	193.11
33 05 63 00-0091	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,493.31	193.11
33 05 63 00-0092		**Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0071)*		
33 05 63 00-0093	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	278.56	19.12
33 05 63 00-0094	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	371.24	63.67
33 05 63 00-0095	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	444.68	63.67
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	411.81	63.67
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	468.05	63.67
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	482.80	63.67
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	616.89	63.67
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	831.85	116.73
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	921.66	116.73
33 05 63 00-0102	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,388.86	116.73
33 05 63 00-0103	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,226.98	193.11
33 05 63 00-0104	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,673.10	193.11
33 05 63 00-0105		**Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0070)*		
33 05 63 00-0106		**Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0105)*		
33 05 63 00-0107	EA	5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	355.27	19.12
33 05 63 00-0108	EA	10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	301.32	19.12
33 05 63 00-0109	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	260.42	63.67
33 05 63 00-0110	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	292.26	63.67
33 05 63 00-0111	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	88.20	19.12
33 05 63 00-0112	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	133.32	19.12
33 05 63 00-0113	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	211.63	19.12
33 05 63 00-0114	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	221.10	19.12
33 05 63 00-0115	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	193.57	42.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0116	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	208.10	42.45
33 05 63 00-0117	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	131.38	19.12
33 05 63 00-0118	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	149.14	19.12
33 05 63 00-0119	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	206.59	42.45
33 05 63 00-0120	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	231.03	42.45
33 05 63 00-0121	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	215.21	42.45
33 05 63 00-0122	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	261.91	63.67
33 05 63 00-0123	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	285.88	63.67
33 05 63 00-0124	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	303.70	63.67
33 05 63 00-0125	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	330.55	63.67
33 05 63 00-0126	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	384.09	63.67
33 05 63 00-0127	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	416.57	63.67
33 05 63 00-0128	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	452.11	63.67
33 05 63 00-0129	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	474.45	63.67
33 05 63 00-0130	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	568.34	84.90
33 05 63 00-0131	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	583.59	116.73
33 05 63 00-0132	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	739.24	116.73
33 05 63 00-0133	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	882.95	116.73
33 05 63 00-0134	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	973.71	116.73
33 05 63 00-0135	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,063.99	116.73
33 05 63 00-0136	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,223.29	193.11
33 05 63 00-0137	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	905.12	193.11
33 05 63 00-0138	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,020.40	193.11
33 05 63 00-0139	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,240.82	193.11
33 05 63 00-0140	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,238.56	193.11
33 05 63 00-0141	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,320.84	193.11
33 05 63 00-0142	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,479.08	193.11
33 05 63 00-0143	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,368.54	206.90
33 05 63 00-0144	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,480.26	206.90
33 05 63 00-0145	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,622.90	206.90
33 05 63 00-0146	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,679.97	206.90
33 05 63 00-0147	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,699.81	206.90
33 05 63 00-0148	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,917.14	206.90
33 05 63 00-0149	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,495.07	206.90
33 05 63 00-0150	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,953.01	206.90
33 05 63 00-0151	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,194.90	220.70
33 05 63 00-0152	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,693.16	220.70
33 05 63 00-0153	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,435.71	220.70

33 05 63 00-0154 Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0155	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	343.08	63.67
33 05 63 00-0156	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	390.30	63.67
33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	144.81	19.12
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	206.47	19.12
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	274.63	19.12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	284.12	19.12
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	255.63	42.45
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	265.74	42.45
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	279.27	42.45
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	193.10	19.12
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	227.04	19.12
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	278.94	42.45
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	303.38	42.45
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	288.33	42.45
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	342.62	63.67
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	366.89	63.67
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	400.02	63.67
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	426.70	63.67
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	480.08	63.67
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	512.70	63.67
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	548.08	63.67
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	570.59	63.67
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	701.14	84.90
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	734.58	116.73
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	890.04	116.73
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,033.60	116.73
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,124.21	116.73
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,214.79	116.73
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,079.88	193.11
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,195.32	193.11
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,415.58	193.11

33 05 63 00-0186 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	316.69	63.67
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	365.22	63.67
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	108.72	19.12
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	174.79	19.12
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	248.26	19.12
33 05 63 00-0192	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	257.93	19.12
33 05 63 00-0193	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	238.27	42.45
33 05 63 00-0194	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	266.40	42.45
33 05 63 00-0195	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	153.75	19.12
33 05 63 00-0196	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	252.09	42.45
33 05 63 00-0197	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	287.13	42.45
33 05 63 00-0198	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	261.20	42.45
33 05 63 00-0199	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	338.90	63.67
33 05 63 00-0200	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	386.81	63.67
33 05 63 00-0201	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	402.74	63.67
33 05 63 00-0202	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	440.68	63.67
33 05 63 00-0203	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	475.58	63.67
33 05 63 00-0204	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	508.53	63.67
33 05 63 00-0205	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	567.52	63.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0206	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	575.75	63.67
33 05 63 00-0207	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	711.42	84.90
33 05 63 00-0208	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	747.92	116.73
33 05 63 00-0209	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	919.61	116.73
33 05 63 00-0210	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,089.40	116.73
33 05 63 00-0211	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,202.18	116.73
33 05 63 00-0212	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,314.96	116.73
33 05 63 00-0213	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,433.42	193.11
33 05 63 00-0214	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,115.26	193.11
33 05 63 00-0215	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,239.53	193.11
33 05 63 00-0216	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,459.80	193.11
33 05 63 00-0217	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,556.96	193.11
33 05 63 00-0218	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,587.38	193.11
33 05 63 00-0219	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,882.54	193.11
33 05 63 00-0220	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,754.78	206.90
33 05 63 00-0221	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,812.51	206.90
33 05 63 00-0222	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,976.27	206.90
33 05 63 00-0223	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,100.20	206.90
33 05 63 00-0224	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,934.54	206.90
33 05 63 00-0225	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,377.79	206.90
33 05 63 00-0226	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,072.54	206.90
33 05 63 00-0227	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,271.42	206.90
33 05 63 00-0228	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,741.95	220.70
33 05 63 00-0229	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,240.40	220.70
33 05 63 00-0230	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,346.56	220.70

33 05 63 00-0231 Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0232	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	399.32	63.67
33 05 63 00-0233	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	463.45	63.67
33 05 63 00-0234	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	164.87	19.12
33 05 63 00-0235	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	247.79	19.12
33 05 63 00-0236	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	311.14	19.12
33 05 63 00-0237	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	320.93	19.12
33 05 63 00-0238	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	310.62	42.45
33 05 63 00-0239	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	338.58	42.45
33 05 63 00-0240	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	233.98	19.12
33 05 63 00-0241	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	324.11	42.45
33 05 63 00-0242	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	359.16	42.45
33 05 63 00-0243	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	313.67	42.45
33 05 63 00-0244	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	419.94	63.67
33 05 63 00-0245	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	467.85	63.67
33 05 63 00-0246	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	498.88	63.67
33 05 63 00-0247	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	536.83	63.67
33 05 63 00-0248	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	571.71	63.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0249	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	604.67	63.67
33 05 63 00-0250	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	663.69	63.67
33 05 63 00-0251	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	671.88	63.67
33 05 63 00-0252	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	844.05	84.90
33 05 63 00-0253	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	898.89	116.73
33 05 63 00-0254	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,070.42	116.73
33 05 63 00-0255	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,240.03	116.73
33 05 63 00-0256	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,352.89	116.73
33 05 63 00-0257	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,465.76	116.73
33 05 63 00-0258	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,290.17	193.11
33 05 63 00-0259	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,414.61	193.11
33 05 63 00-0260	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,634.72	193.11
33 05 63 00-0261		**Footed, Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0105)*		
33 05 63 00-0262	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	336.84	63.67
33 05 63 00-0263	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	227.32	42.45
33 05 63 00-0264	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	254.34	42.45
33 05 63 00-0265	EA	13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	301.77	63.67
33 05 63 00-0266	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	236.17	42.45
33 05 63 00-0267	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	262.05	42.45
33 05 63 00-0268		**Polymer Concrete Handhole Enclosure Extensions** *(33 05 63 00-0069)*		
33 05 63 00-0269	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	251.46	63.67
33 05 63 00-0270	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	279.62	63.67
33 05 63 00-0271	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	324.62	84.90
33 05 63 00-0272	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	352.27	84.90
33 05 63 00-0273	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	422.38	116.73
33 05 63 00-0274	EA	36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	741.13	193.11
33 05 63 00-0275	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	710.90	193.11
33 05 63 00-0276	EA	30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	717.50	193.11
33 05 63 00-0277	EA	36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	950.94	206.90
33 05 63 00-0278	EA	48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,475.35	220.70
33 05 63 00-0279	EA	48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,914.41	220.70
33 05 63 00-0280	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	399.21	63.67
33 05 63 00-0281	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	416.41	63.67
33 05 63 00-0282	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	450.65	84.90
33 05 63 00-0283	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	478.60	84.90
33 05 63 00-0284	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	560.61	116.73
33 05 63 00-0285	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	906.25	193.11
33 05 63 00-0286	EA	13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	315.12	63.67
33 05 63 00-0287	EA	17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	349.05	63.67
33 05 63 00-0288	EA	24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	471.06	116.73
33 05 63 00-0289	EA	36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	918.58	206.90
33 05 63 00-0290		**Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0069)*		
33 05 63 00-0291		**Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0292	EA	5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	85.18	8.50
33 05 63 00-0293	EA	10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	86.27	8.50
33 05 63 00-0294	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	80.07	8.50
33 05 63 00-0295	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	86.48	8.50
33 05 63 00-0296	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	87.30	8.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0297	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	99.92	8.49
33 05 63 00-0298	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	115.54	8.49
33 05 63 00-0299	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	752.21	24.83
33 05 63 00-0300	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	659.08	24.83
33 05 63 00-0301	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	983.45	24.83
33 05 63 00-0302	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	994.51	24.83
33 05 63 00-0303	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,125.76	24.83
33 05 63 00-0304	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,226.01	24.83
33 05 63 00-0305	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,966.18	24.83
33 05 63 00-0306	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	73.18	8.49
33 05 63 00-0307	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	104.17	8.49
33 05 63 00-0308	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	105.61	8.49
33 05 63 00-0309	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	132.47	8.49
33 05 63 00-0310	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	100.32	8.49
33 05 63 00-0311	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	156.43	8.49
33 05 63 00-0312	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	123.15	8.49
33 05 63 00-0313	EA	27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	251.09	8.49
33 05 63 00-0314	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	220.98	12.73
33 05 63 00-0315	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	276.36	12.73
33 05 63 00-0316	EA	39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	355.91	14.86
33 05 63 00-0317	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	499.54	19.31
33 05 63 00-0318	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	519.57	36.78
33 05 63 00-0319	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	134.08	8.49
33 05 63 00-0320	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	190.51	8.49
33 05 63 00-0321	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	216.56	8.49
33 05 63 00-0322	EA	27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	359.07	8.49
33 05 63 00-0323	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	297.11	12.73
33 05 63 00-0324	EA	39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	500.91	14.86
33 05 63 00-0325	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	656.61	19.31
33 05 63 00-0326	EA	30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	885.72	24.83
33 05 63 00-0327	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	788.15	24.83
33 05 63 00-0328	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,098.43	24.83
33 05 63 00-0329	EA	48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,428.41	24.83
33 05 63 00-0330	EA	36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,368.22	24.83
33 05 63 00-0331	EA	48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,073.64	24.83
33 05 63 00-0332	EA	48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,199.58	24.83
33 05 63 00-0333	EA	11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	175.89	8.49
33 05 63 00-0334	EA	11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	192.20	8.49
33 05 63 00-0335	EA	13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	252.58	8.49
33 05 63 00-0336	EA	17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	287.62	8.49
33 05 63 00-0337	EA	27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	496.00	8.49
33 05 63 00-0338	EA	24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	361.64	12.73
33 05 63 00-0339	EA	24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	493.57	12.73
33 05 63 00-0340	EA	39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	764.36	14.86
33 05 63 00-0341	EA	36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	875.25	19.31
33 05 63 00-0342	EA	30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	911.05	36.78
33 05 63 00-0343	EA	30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,053.71	24.83
33 05 63 00-0344	EA	36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,468.55	24.83
33 05 63 00-0345	EA	48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,052.05	24.83
33 05 63 00-0346	EA	36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,831.84	24.83
33 05 63 00-0347	EA	48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,031.61	24.83
33 05 63 00-0348	EA	48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	4,675.90	24.83

33 05 63 00-0349 Polymer Concrete Handhole Enclosure Covers With Gaskets *(33 05 63 00-0290)*

33 05 63 00-0350	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	97.60	8.50
33 05 63 00-0351	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	103.05	8.50
33 05 63 00-0352	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	104.83	8.49
33 05 63 00-0353	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	105.50	8.49
33 05 63 00-0354	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	121.50	8.49
33 05 63 00-0355	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	78.21	8.49
33 05 63 00-0356	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	109.33	8.49
33 05 63 00-0357	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	110.33	8.49
33 05 63 00-0358	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	137.79	8.49
33 05 63 00-0359	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	106.11	8.49
33 05 63 00-0360	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	129.27	8.49
33 05 63 00-0361	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	162.06	8.49
33 05 63 00-0362	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	224.76	12.73
33 05 63 00-0363	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	282.16	12.73
33 05 63 00-0364	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	525.53	36.78
33 05 63 00-0365	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	65.42	8.50
33 05 63 00-0366	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	101.34	8.50
33 05 63 00-0367	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	112.55	8.50
33 05 63 00-0368	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	107.57	8.50
33 05 63 00-0369	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	88.91	8.49
33 05 63 00-0370	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	139.23	8.49
33 05 63 00-0371	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	150.85	8.49
33 05 63 00-0372	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	195.99	8.49
33 05 63 00-0373	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	222.51	8.49
33 05 63 00-0374	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	302.43	12.73
33 05 63 00-0375	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	377.00	12.73
33 05 63 00-0376	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	690.31	36.78

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0377		**Polymer Concrete Handhole Enclosure Covers Without Bolts** *(33 05 63 00-0290)*		
33 05 63 00-0378	EA	6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	53.06	8.50
33 05 63 00-0379	EA	7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	62.73	8.50
33 05 63 00-0380	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	75.74	8.50
33 05 63 00-0381	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	81.52	8.50
33 05 63 00-0382	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	81.36	8.49
33 05 63 00-0383	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	96.18	8.49
33 05 63 00-0384	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	110.74	8.49
33 05 63 00-0385	EA	24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	266.87	12.73
33 05 63 00-0386	EA	30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	497.88	36.78
33 05 63 00-0387	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	744.07	24.83
33 05 63 00-0388	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	649.89	24.83
33 05 63 00-0389	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	968.33	24.83
33 05 63 00-0390	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	934.66	24.83
33 05 63 00-0391	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,116.98	24.83
33 05 63 00-0392	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,193.58	24.83
33 05 63 00-0393	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,903.85	24.83
33 05 63 00-0394	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	70.43	8.49
33 05 63 00-0395	EA	10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	68.81	8.49
33 05 63 00-0396	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	100.69	8.49
33 05 63 00-0397	EA	11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	110.45	8.49
33 05 63 00-0398	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	124.76	8.49
33 05 63 00-0399	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	95.34	8.49
33 05 63 00-0400	EA	18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	106.11	8.49
33 05 63 00-0401	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	149.67	8.49
33 05 63 00-0402	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	216.61	12.73
33 05 63 00-0403	EA	20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	269.88	12.73
33 05 63 00-0404	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	266.71	12.73
33 05 63 00-0405	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	479.76	19.31
33 05 63 00-0406	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	497.88	22.07
33 05 63 00-0407		**Overlapping, Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0408	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	774.41	24.83
33 05 63 00-0409	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,118.10	24.83
33 05 63 00-0410	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	650.11	36.78
33 05 63 00-0411	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	859.92	36.78
33 05 63 00-0412	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	918.73	24.83
33 05 63 00-0413	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,249.51	24.83
33 05 63 00-0414		**Split, Polymer Concrete Handhole Enclosure Covers** *(33 05 63 00-0290)*		
33 05 63 00-0415	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	302.52	12.73
33 05 63 00-0416	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	561.44	19.31
33 05 63 00-0417	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	587.59	36.78
33 05 63 00-0418	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	50.37	8.50
33 05 63 00-0419	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	82.04	8.50
33 05 63 00-0420	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	90.04	8.50
33 05 63 00-0421	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	95.35	8.50
33 05 63 00-0422	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	83.92	8.49
33 05 63 00-0423	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	146.14	8.49
33 05 63 00-0424	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	404.24	12.73
33 05 63 00-0425	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	744.89	19.31
33 05 63 00-0426	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	781.15	36.78
33 05 63 00-0427		**Precast Concrete Handholes With Steel Cover** *(33 05 63 00-0068)* Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).		
33 05 63 00-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	672.63	197.15
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*18.00*	
33 05 63 00-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,122.35	295.72
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*93.47*	
33 05 63 00-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,368.82	394.30
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*160.33*	
33 05 63 00-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,418.35	394.30
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*200.65*	
33 05 63 00-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,674.22	492.88
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*239.92*	
33 05 63 00-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	1,756.70	492.88
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*268.31*	
33 05 63 00-0434	EA	36" x 36" x 48" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	2,034.78	591.45
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*311.97*	
33 05 63 00-0435	EA	48" x 48" x 48" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	2,338.84	690.03
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*449.03*	
33 05 63 00-0436	EA	48" x 72" x 36" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	2,278.98	591.45
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*501.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0437	EA	54" x 38" x 24" Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	2,299.98	591.45
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*331.09*	
33 05 63 00-0438	EA	6" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	538.19	197.15
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0439	EA	9" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	631.73	221.80
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0440	EA	12" Diameter Precast Concrete Handholes With Steel Cover Note: 8000 To 12000 pound traffic rated top.	769.48	246.44
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	

33 05 81 Metallic Castings for Utility Structures *(33 05)*

33 05 81 00-0001 Manhole Accessories *(33 05 81)*

33 05 81 00-0002 Steps For Cast-In-Place Manholes *(33 05 81 00-0001)*

See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.

33 05 81 00-0003	EA	Cast Iron Manhole Step For New Manholes	68.67	
33 05 81 00-0004	EA	Galvanized Steel Manhole Step For New Manholes	44.90	
33 05 81 00-0005	EA	Aluminum Manhole Step For New Manholes	56.49	

33 05 81 00-0006 Manhole Covers And Frames *(33 05 81)*

Note: Includes moisture-tight masonry joints and waterproof grouting.

33 05 81 00-0007 Regular Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0008	EA	18" Square, Gray Iron, Manhole Cover With Frame	991.00	73.18
		For Ductile Iron Castings, Add	*538.82*	
33 05 81 00-0009	EA	18" Diameter, Gray Iron, Manhole Cover With Frame	594.89	73.18
		For Ductile Iron Castings, Add	*261.54*	
33 05 81 00-0010	EA	24" Diameter, Gray Iron, Manhole Cover With Frame	687.29	85.10
		For Ductile Iron Castings, Add	*302.39*	
33 05 81 00-0011	EA	24" Square, Gray Iron, Manhole Cover With Frame	1,034.24	94.46
		For Ductile Iron Castings, Add	*525.41*	
33 05 81 00-0012	EA	26" Diameter, Gray Iron, Manhole Cover With Frame	903.03	102.12
		For Ductile Iron Castings, Add	*416.82*	
33 05 81 00-0013	EA	30" Diameter, Gray Iron, Manhole Cover With Frame	941.40	106.37
		For Ductile Iron Castings, Add	*435.61*	

33 05 81 00-0014 Watertight Type Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0015	EA	20" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,090.49	60.42
		For Ductile Iron Castings, Add	*594.99*	
33 05 81 00-0016	EA	22" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,113.07	60.42
		For Ductile Iron Castings, Add	*596.94*	
33 05 81 00-0017	EA	24" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,142.04	70.63
		For Ductile Iron Castings, Add	*600.87*	
33 05 81 00-0018	EA	26" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,348.51	79.14
		For Ductile Iron Castings, Add	*728.66*	
33 05 81 00-0019	EA	30" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,547.95	80.84
		For Ductile Iron Castings, Add	*860.20*	
33 05 81 00-0020	EA	32" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,624.45	82.54
		For Ductile Iron Castings, Add	*910.82*	
33 05 81 00-0021	EA	36" Diameter, Gray Iron, Watertight Manhole Cover With Frame	1,693.23	85.10
		For Ductile Iron Castings, Add	*955.93*	

33 05 81 00-0022 Aluminum Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0023	EA	12" Square Aluminum Manhole Cover With Frame	642.16	25.38
33 05 81 00-0024	EA	18" Square Aluminum Manhole Cover With Frame	1,153.45	28.11
33 05 81 00-0025	EA	24" Square Aluminum Manhole Cover With Frame	1,644.57	32.63

33 05 81 00-0026 Remove And Reinstall Manhole Cover And Frame *(33 05 81 00-0006)*

Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.

33 05 81 00-0027	EA	Removal And Reinstallation Of Manhole Cover And Frame	341.18	

33 05 83 Non-Metallic Accessories for Utility Structures *(33 05)*

33 05 83 00-0001 Manhole Accessories *(33 05 83)*

33 05 83 00-0002 Steps For Cast-In-Place Manholes *(33 05 83 00-0001)*

See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.

33 05 83 00-0003	EA	Polypropylene Manhole Step For New Manholes	50.07	

33 05 83 00-0004 Rainguard Inflow Protectors *(33 05 83)*

33 05 83 00-0005	EA	18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	126.83	18.06
33 05 83 00-0006	EA	22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	153.58	18.06
33 05 83 00-0007	EA	24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	183.44	21.68
33 05 83 00-0008	EA	26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	200.35	21.68
33 05 83 00-0009	EA	30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	252.46	25.29
33 05 83 00-0010	EA	32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	273.22	25.29

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 05 84 Accessories for Utility Structures *(33 05)*

See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 05 84 00-0001 Manhole Accessories *(33 05 84)*

33 05 84 00-0002 Precast Concrete Manhole Tops *(33 05 84 00-0001)*

33 05 84 00-0003 Precast Concrete Manhole Slab Tops *(33 05 84 00-0002)*

33 05 84 00-0004	EA	3' Diameter x 8" Thick Precast Manhole Top Slab	439.94	63.82
33 05 84 00-0005	EA	4' Diameter x 8" Thick Precast Manhole Top Slab	604.68	68.93
33 05 84 00-0006	EA	5' Diameter x 8" Thick Precast Manhole Top Slab	807.78	74.04
33 05 84 00-0007	EA	6' Diameter x 8" Thick Precast Manhole Top Slab	962.34	79.14

33 05 84 00-0008 Precast Concrete Manhole Cone Tops *(33 05 84 00-0002)*

33 05 84 00-0009	EA	3' Diameter x 8" Thick Precast Manhole Top Cone	688.40	79.78
33 05 84 00-0010	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	762.71	82.97
33 05 84 00-0011	EA	4' Diameter x 8" Thick Precast Manhole Top Cone	837.05	86.16
33 05 84 00-0012	EA	5' Diameter x 8" Thick Precast Manhole Top Cone	981.40	91.48
33 05 84 00-0013	EA	6' Diameter x 8" Thick Precast Manhole Top Cone	1,130.02	97.87

33 05 84 00-0014 Pipe To Manhole Connector *(33 05 84 00-0001)*

33 05 84 00-0015 Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors *(33 05 84 00-0014)*

33 05 84 00-0016	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	72.11
33 05 84 00-0017	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	106.19
33 05 84 00-0018	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	119.72
33 05 84 00-0019	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	181.09
33 05 84 00-0020	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	253.08
33 05 84 00-0021	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	334.97
33 05 84 00-0022	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	603.33
33 05 84 00-0023	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	837.89
33 05 84 00-0024	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,321.61
33 05 84 00-0025	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,556.17

33 05 84 00-0026 Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout *(33 05 84 00-0014)*

Note: Fernco CMA.

33 05 84 00-0027	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	80.90
33 05 84 00-0028	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	111.56
33 05 84 00-0029	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	140.71
33 05 84 00-0030	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	169.75
33 05 84 00-0031	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	197.08

33 05 84 00-0032 Brick And Grout Pipe To Manhole Connector *(33 05 84 00-0014)*

33 05 84 00-0033	EA	Seal Gap Between Pipe And Structure With Brick And Grout	218.95

33 05 84 00-0034 Inverts For Manholes *(33 05 84 00-0001)*

33 05 84 00-0035	EA	Single Channel Concrete Invert For Manholes	370.81
33 05 84 00-0036	EA	Double Channel Concrete Invert For Manholes	535.63
33 05 84 00-0037	EA	Triple Channel Concrete Invert For Manholes	721.10
33 05 84 00-0038	EA	Quad Channel Concrete Invert For Manholes	906.52
33 05 84 00-0039	EA	Single Channel Brick Invert For Manholes	584.83
33 05 84 00-0040	EA	Double Channel Brick Invert For Manholes	875.11
33 05 84 00-0041	EA	Triple Channel Brick Invert For Manholes	1,170.28
33 05 84 00-0042	EA	Quad Channel Brick Invert For Manholes	1,462.62

33 05 84 00-0043 Protective Coating For New Manholes *(33 05 84 00-0001)*

33 05 84 00-0044 Polyurethane Protective Coating For New Manholes *(33 05 84 00-0043)*

33 05 84 00-0045	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior	150.28
		For 80 Mil Material, Add	*20.30*
		For 100 Mil Material, Add	*40.60*
		For 125 Mil Material, Add	*63.81*
		For 150 Mil Material, Add	*87.02*
		For 200 Mil Material, Add	*127.68*
		For 2 To 5 Manholes, Deduct	*-10.40*
		For 6 To 10 Manholes, Deduct	*-17.04*
		For >10 Manholes, Deduct	*-34.08*
33 05 84 00-0046	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior	181.77
		For 80 Mil Material, Add	*24.18*
		For 100 Mil Material, Add	*48.35*
		For 125 Mil Material, Add	*75.93*
		For 150 Mil Material, Add	*103.50*
		For 200 Mil Material, Add	*151.61*
		For 2 To 5 Manholes, Deduct	*-12.61*
		For 6 To 10 Manholes, Deduct	*-20.68*
		For >10 Manholes, Deduct	*-41.36*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0047	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior	200.37	
		For 80 Mil Material, Add	*27.07*	
		For 100 Mil Material, Add	*54.13*	
		For 125 Mil Material, Add	*85.08*	
		For 150 Mil Material, Add	*116.03*	
		For 200 Mil Material, Add	*170.24*	
		For 2 To 5 Manholes, Deduct	*-13.86*	
		For 6 To 10 Manholes, Deduct	*-22.72*	
		For >10 Manholes, Deduct	*-45.43*	
33 05 84 00-0048	VLF	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	250.49	
		For 80 Mil Material, Add	*33.84*	
		For 100 Mil Material, Add	*67.68*	
		For 125 Mil Material, Add	*106.38*	
		For 150 Mil Material, Add	*145.08*	
		For 200 Mil Material, Add	*212.87*	
		For 2 To 5 Manholes, Deduct	*-17.33*	
		For 6 To 10 Manholes, Deduct	*-28.40*	
		For >10 Manholes, Deduct	*-56.79*	
33 05 84 00-0049	VLF	60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	290.33	
		For 80 Mil Material, Add	*39.84*	
		For 100 Mil Material, Add	*79.68*	
		For 125 Mil Material, Add	*125.35*	
		For 150 Mil Material, Add	*171.02*	
		For 200 Mil Material, Add	*251.33*	
		For 2 To 5 Manholes, Deduct	*-20.03*	
		For 6 To 10 Manholes, Deduct	*-32.79*	
		For >10 Manholes, Deduct	*-65.59*	

33 05 84 00-0050 Polyvinyl Chloride (PVC) Liner *(33 05 84 00-0043)*

Note: For new manholes and shop applied.

33 05 84 00-0051	VLF	3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	164.32
33 05 84 00-0052	VLF	3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	201.42
33 05 84 00-0053	VLF	4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	245.81
33 05 84 00-0054	VLF	5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	308.69
33 05 84 00-0055	VLF	6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	371.57
33 05 84 00-0056	SF	Polyvinyl Chloride (PVC) Liner At Structures	35.30

33 05 84 00-0057 Concrete Grade Extensions/Grade Rings *(33 05 84 00-0001)*

33 05 84 00-0058 18" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0057)*

33 05 84 00-0059	EA	4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings	78.62
33 05 84 00-0060	EA	6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	86.69
33 05 84 00-0061	EA	8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	94.75
33 05 84 00-0062	EA	10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	102.82

33 05 84 00-0063 24" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0057)*

33 05 84 00-0064	EA	4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	88.38
33 05 84 00-0065	EA	6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	97.55
33 05 84 00-0066	EA	8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	106.72
33 05 84 00-0067	EA	10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	115.88

33 05 84 00-0068 30" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0057)*

33 05 84 00-0069	EA	4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	97.90
33 05 84 00-0070	EA	6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	108.12
33 05 84 00-0071	EA	8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	118.34
33 05 84 00-0072	EA	10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	128.57

33 05 84 00-0073 Bentonite Collar *(33 05 84 00-0001)*

33 05 84 00-0074 Bentonite Collar At Manhole Connections *(33 05 84 00-0073)*

33 05 84 00-0075	EA	Up To 12" Pipe, Bentonite Collar At Manhole Connection	112.04
33 05 84 00-0076	EA	>12" To 21", Bentonite Collar At Manhole Connection	177.70
33 05 84 00-0077	EA	>21" To 30" Pipe, Bentonite Collar At Manhole Connection	283.82
33 05 84 00-0078	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	665.99
33 05 84 00-0079	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	1,023.92
33 05 84 00-0080	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	1,854.86

33 05 84 00-0081 Waste Water Collection System Taps *(33 05 84)*

Note: For tapping existing structures only. Includes grout.

33 05 84 00-0082 Brick Manhole Taps *(33 05 84 00-0081)*

33 05 84 00-0083	EA	4" Tap In 6" Brick Manhole	438.10
33 05 84 00-0084	EA	6" Tap In 6" Brick Manhole	488.00
33 05 84 00-0085	EA	8" Tap In 6" Brick Manhole	537.02
33 05 84 00-0086	EA	10" Tap In 6" Brick Manhole	585.93
33 05 84 00-0087	EA	12" Tap In 6" Brick Manhole	648.99
33 05 84 00-0088	EA	15" Tap In 6" Brick Manhole	697.80

33 05 84 00-0089 Precast Concrete Manhole Tap *(33 05 84 00-0081)*

33 05 84 00-0090	EA	4" Tap In Existing Precast Concrete Manhole	616.59

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0091	EA	6" Tap In Existing Precast Concrete Manhole	691.44	
33 05 84 00-0092	EA	8" Tap In Existing Precast Concrete Manhole	772.07	
33 05 84 00-0093	EA	10" Tap In Existing Precast Concrete Manhole	845.43	
33 05 84 00-0094	EA	12" Tap In Existing Precast Concrete Manhole	918.66	
33 05 84 00-0095	EA	15" Tap In Existing Precast Concrete Manhole	993.66	
33 05 84 00-0096	EA	18" Tap In Existing Precast Concrete Manhole	1,139.42	
33 05 84 00-0097	EA	24" Tap In Existing Precast Concrete Manhole	1,461.84	

33 05 97 Identification and Signage for Utilities *(33 05)*

33 05 97 23 Utility Identification Warning Tape *(33 05 97)*

33 05 97 23-0001 Non-Detectable Utility Warning Tape *(33 05 97 23)*
Note: Labor installation is included with pipe and excavation..

33 05 97 23-0002	CLF	3" Non-Detectable Utility Warning Tape	5.65	
33 05 97 23-0003	CLF	6" Non-Detectable Utility Warning Tape	7.63	

33 05 97 23-0004 Detectable Utility Warning Tape *(33 05 97 23)*
Note: Labor installation is included with pipe and excavation..

33 05 97 23-0005	CLF	2" Detectable Utility Warning Tape	5.64	
33 05 97 23-0006	CLF	3" Detectable Utility Warning Tape	7.45	
33 05 97 23-0007	CLF	6" Detectable Utility Warning Tape	11.42	

33 10 Water Utilities *(33)*

33 11 Groundwater Sources *(33 10)*

33 11 13 Potable Water Supply Wells *(33 11)*

33 11 13 00-0001 Submersible Well Pumps *(33 11 13)*
Note: Includes pump end, motor and control box.

33 11 13 00-0002 4" Submersible Well Pumps *(33 11 13 00-0001)*

33 11 13 00-0003 Powder Coated Case And Cast Iron Ends *(33 11 13 00-0002)*

33 11 13 00-0004	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,214.91	391.82
33 11 13 00-0005	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,387.18	434.28
33 11 13 00-0006	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,539.36	482.54

33 11 13 00-0007 Stainless Steel Case And Ends *(33 11 13 00-0002)*

33 11 13 00-0008	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,387.79	386.03
33 11 13 00-0009	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,584.94	434.28
33 11 13 00-0010	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,778.55	482.54
33 11 13 00-0011	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,045.58	530.79
33 11 13 00-0012	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,323.24	579.05
33 11 13 00-0013	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,871.49	675.55
33 11 13 00-0014	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,641.16	772.06

33 11 13 00-0015 6" Submersible Well Pumps *(33 11 13 00-0001)*

33 11 13 00-0016	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,460.01	965.07
33 11 13 00-0017	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,009.31	1,061.59
33 11 13 00-0018	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,581.36	1,158.09
33 11 13 00-0019	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,816.39	1,351.11

33 14 Water Utility Transmission and Distribution *(33 10)*

33 14 11 Water Utility Transmission Piping *(33 14)*
See CSI section 33 14 13 00-0000 for water utility transmission piping.

33 14 13 Public Water Utility Distribution Piping *(33 14)*
Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 14 13 13 Ductile Iron Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 13-0001 Ductile Iron Piping *(33 14 13 13)*

33 14 13 13-0002 Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*
Note: Cement lining and bituminous coating shall conform to ANSI A21.4. See CSI section 33 14 13 13-0355 for bolts and gaskets.

33 14 13 13-0003 Mechanical Joint Ductile Iron Pipe *(33 14 13 13-0002)*
Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0004	LF	3", Class 51, Mechanical Joint Ductile Iron Pipe	34.09	10.40
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*12.85*	
		For Cement Mortar Lining (CML), Add	*1.84*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*9.91*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.38*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.70*	
		For Class 52, Add	*3.97*	
		For Class 53, Add	*10.42*	
		For Class 54, Add	*14.85*	
		For Class 55, Add	*17.10*	
		For Class 56, Add	*19.32*	
33 14 13 13-0005	LF	4", Class 50, Mechanical Joint Ductile Iron Pipe	36.93	11.07
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*14.11*	
		For Cement Mortar Lining (CML), Add	*2.02*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*10.88*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.51*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.85*	
		For Class 51, Add	*1.95*	
		For Class 52, Add	*4.35*	
		For Class 53, Add	*11.43*	
		For Class 54, Add	*16.28*	
		For Class 55, Add	*18.75*	
		For Class 56, Add	*21.18*	
33 14 13 13-0006	LF	6", Class 50, Mechanical Joint Ductile Iron Pipe	39.45	11.62
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*15.32*	
		For Cement Mortar Lining (CML), Add	*2.19*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*11.82*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.64*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.97*	
		For Class 51, Add	*2.11*	
		For Class 52, Add	*4.71*	
		For Class 53, Add	*12.38*	
		For Class 54, Add	*17.65*	
		For Class 55, Add	*20.32*	
		For Class 56, Add	*22.95*	
33 14 13 13-0007	LF	8", Class 50, Mechanical Joint Ductile Iron Pipe	46.28	12.08
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*19.59*	
		For Cement Mortar Lining (CML), Add	*2.80*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*15.11*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.10*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.31*	
		For Class 51, Add	*2.64*	
		For Class 52, Add	*5.92*	
		For Class 53, Add	*15.68*	
		For Class 54, Add	*22.36*	
		For Class 55, Add	*25.72*	
		For Class 56, Add	*29.03*	
33 14 13 13-0008	LF	10", Class 50, Mechanical Joint Ductile Iron Pipe	62.53	17.23
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*21.85*	
		For Cement Mortar Lining (CML), Add	*3.64*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*18.21*	
		For Fusion Bonded Epoxy Lining (206N), Add	*6.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.73*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.13*	
		For Class 51, Add	*3.47*	
		For Class 52, Add	*7.76*	
		For Class 53, Add	*20.49*	
		For Class 54, Add	*29.21*	
		For Class 55, Add	*33.62*	
		For Class 56, Add	*37.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0009	LF	12", Class 50, Mechanical Joint Ductile Iron Pipe	75.52	19.15
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*23.25*	
		For Cement Mortar Lining (CML), Add	*4.65*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*18.60*	
		For Fusion Bonded Epoxy Lining (206N), Add	*8.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.49*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.78*	
		For Class 51, Add	*4.38*	
		For Class 52, Add	*9.80*	
		For Class 53, Add	*26.01*	
		For Class 54, Add	*37.09*	
		For Class 55, Add	*42.66*	
		For Class 56, Add	*48.14*	
33 14 13 13-0010	LF	14", Class 50, Mechanical Joint Ductile Iron Pipe	90.30	21.50
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*25.37*	
		For Cement Mortar Lining (CML), Add	*5.77*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*19.60*	
		For Fusion Bonded Epoxy Lining (206N), Add	*10.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.32*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.52*	
		For Class 51, Add	*5.38*	
		For Class 52, Add	*12.07*	
		For Class 53, Add	*32.12*	
		For Class 54, Add	*45.82*	
		For Class 55, Add	*52.69*	
		For Class 56, Add	*59.44*	
33 14 13 13-0011	LF	16", Class 50, Mechanical Joint Ductile Iron Pipe	101.96	24.64
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*26.51*	
		For Cement Mortar Lining (CML), Add	*6.47*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*20.04*	
		For Fusion Bonded Epoxy Lining (206N), Add	*11.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.85*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.10*	
		For Class 51, Add	*6.05*	
		For Class 52, Add	*13.55*	
		For Class 53, Add	*36.05*	
		For Class 54, Add	*51.41*	
		For Class 55, Add	*59.13*	
		For Class 56, Add	*66.70*	
33 14 13 13-0012	LF	18", Class 50, Mechanical Joint Ductile Iron Pipe	126.43	28.72
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*33.99*	
		For Cement Mortar Lining (CML), Add	*8.29*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*25.70*	
		For Fusion Bonded Epoxy Lining (206N), Add	*14.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.22*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.32*	
		For Class 51, Add	*7.70*	
		For Class 52, Add	*17.26*	
		For Class 53, Add	*46.06*	
		For Class 54, Add	*65.72*	
		For Class 55, Add	*75.56*	
		For Class 56, Add	*85.22*	
33 14 13 13-0013	LF	20", Class 50, Mechanical Joint Ductile Iron Pipe	143.53	34.47
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*34.69*	
		For Cement Mortar Lining (CML), Add	*9.13*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*25.56*	
		For Fusion Bonded Epoxy Lining (206N), Add	*16.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.85*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-7.18*	
		For Class 51, Add	*8.53*	
		For Class 52, Add	*19.12*	
		For Class 53, Add	*50.89*	
		For Class 54, Add	*72.58*	
		For Class 55, Add	*83.47*	
		For Class 56, Add	*94.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0014	LF	24", Class 50, Mechanical Joint Ductile Iron Pipe	187.83	43.09
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*37.99*	
		For Cement Mortar Lining (CML), Add	*12.25*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*25.73*	
		For Fusion Bonded Epoxy Lining (206N), Add	*22.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.19*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-9.39*	
		For Class 51, Add	*11.39*	
		For Class 52, Add	*25.54*	
		For Class 53, Add	*68.12*	
		For Class 54, Add	*97.18*	
		For Class 55, Add	*111.73*	
		For Class 56, Add	*126.03*	

33 14 13 13-0015 Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0016	EA	3" Mechanical Joint Ductile Iron 90 Degree Elbow	122.61	32.85
		For Cement Mortar Lining (CML), Add	*7.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*13.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0017	EA	4" Mechanical Joint Ductile Iron 90 Degree Elbow	138.73	39.25
		For Cement Mortar Lining (CML), Add	*7.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0018	EA	6" Mechanical Joint Ductile Iron 90 Degree Elbow	217.45	58.01
		For Cement Mortar Lining (CML), Add	*12.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0019	EA	8" Mechanical Joint Ductile Iron 90 Degree Elbow	292.80	68.81
		For Cement Mortar Lining (CML), Add	*18.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0020	EA	10" Mechanical Joint Ductile Iron 90 Degree Elbow	415.67	76.43
		For Cement Mortar Lining (CML), Add	*29.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0021	EA	12" Mechanical Joint Ductile Iron 90 Degree Elbow	539.57	89.66
		For Cement Mortar Lining (CML), Add	*40.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*72.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0022	EA	14" Mechanical Joint Ductile Iron 90 Degree Elbow	828.16	100.55
		For Cement Mortar Lining (CML), Add	*67.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*121.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0023	EA	16" Mechanical Joint Ductile Iron 90 Degree Elbow	1,091.99	114.91
		For Cement Mortar Lining (CML), Add	*91.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*165.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0024	EA	18" Mechanical Joint Ductile Iron 90 Degree Elbow	1,349.01	160.87
		For Cement Mortar Lining (CML), Add	*110.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*198.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0025	EA	20" Mechanical Joint Ductile Iron 90 Degree Elbow	1,845.89	201.09
		For Cement Mortar Lining (CML), Add	*154.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*277.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*115.59*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0026	EA	24" Mechanical Joint Ductile Iron 90 Degree Elbow	2,706.36	267.77
		For Cement Mortar Lining (CML), Add	*230.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*414.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*172.54*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0027 Mechanical Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0028	EA	3" Mechanical Joint Ductile Iron 45 Degree Elbow	115.11	32.85
		For Cement Mortar Lining (CML), Add	*6.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0029	EA	4" Mechanical Joint Ductile Iron 45 Degree Elbow	124.80	39.25
		For Cement Mortar Lining (CML), Add	*6.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0030	EA	6" Mechanical Joint Ductile Iron 45 Degree Elbow	192.81	58.01
		For Cement Mortar Lining (CML), Add	*10.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0031	EA	8" Mechanical Joint Ductile Iron 45 Degree Elbow	257.46	68.81
		For Cement Mortar Lining (CML), Add	*15.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*27.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0032	EA	10" Mechanical Joint Ductile Iron 45 Degree Elbow	339.63	76.43
		For Cement Mortar Lining (CML), Add	*22.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0033	EA	12" Mechanical Joint Ductile Iron 45 Degree Elbow	469.95	89.66
		For Cement Mortar Lining (CML), Add	*33.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0034	EA	14" Mechanical Joint Ductile Iron 45 Degree Elbow	678.21	100.55
		For Cement Mortar Lining (CML), Add	*52.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*94.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0035	EA	16" Mechanical Joint Ductile Iron 45 Degree Elbow	829.59	114.91
		For Cement Mortar Lining (CML), Add	*65.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*117.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0036	EA	18" Mechanical Joint Ductile Iron 45 Degree Elbow	1,184.07	160.87
		For Cement Mortar Lining (CML), Add	*94.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*169.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*70.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0037	EA	20" Mechanical Joint Ductile Iron 45 Degree Elbow	1,309.30	201.09
		For Cement Mortar Lining (CML), Add	*100.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*180.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*75.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0038	EA	24" Mechanical Joint Ductile Iron 45 Degree Elbow	1,932.00	267.77
		For Cement Mortar Lining (CML), Add	*152.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*274.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*114.47*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0039 Mechanical Joint Ductile Iron 22-1/2 Degree Elbow *(33 14 13 13-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0040	EA	3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	101.19	32.85
		For Cement Mortar Lining (CML), Add	*5.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0041	EA	4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	121.59	39.25
		For Cement Mortar Lining (CML), Add	*6.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0042	EA	6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	184.24	58.01
		For Cement Mortar Lining (CML), Add	*9.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0043	EA	8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	254.25	68.81
		For Cement Mortar Lining (CML), Add	*15.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*26.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0044	EA	10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	338.56	76.43
		For Cement Mortar Lining (CML), Add	*22.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0045	EA	12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	428.18	89.66
		For Cement Mortar Lining (CML), Add	*29.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*52.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0046	EA	14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	684.64	100.55
		For Cement Mortar Lining (CML), Add	*53.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*95.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0047	EA	16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	802.81	114.91
		For Cement Mortar Lining (CML), Add	*62.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*113.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0048	EA	18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,015.92	160.87
		For Cement Mortar Lining (CML), Add	*77.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*139.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*57.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0049	EA	20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,354.28	201.09
		For Cement Mortar Lining (CML), Add	*104.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*188.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0050	EA	24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,814.19	267.77
		For Cement Mortar Lining (CML), Add	*140.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*253.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.63*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0051 Mechanical Joint Ductile Iron 11-1/4 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0052	EA	3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	101.19	32.85
		For Cement Mortar Lining (CML), Add	*5.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.86*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0053	EA	4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	118.38	39.25
		For Cement Mortar Lining (CML), Add	*5.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0054	EA	6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	187.46	58.01
		For Cement Mortar Lining (CML), Add	*9.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0055	EA	8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	240.32	68.81
		For Cement Mortar Lining (CML), Add	*13.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0056	EA	10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	336.41	76.43
		For Cement Mortar Lining (CML), Add	*22.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0057	EA	12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	409.98	89.66
		For Cement Mortar Lining (CML), Add	*27.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*49.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0058	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	759.61	100.55
		For Cement Mortar Lining (CML), Add	*60.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*109.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0059	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	839.23	114.91
		For Cement Mortar Lining (CML), Add	*66.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*119.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0060	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,219.42	160.87
		For Cement Mortar Lining (CML), Add	*97.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*175.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0061	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,293.23	201.09
		For Cement Mortar Lining (CML), Add	*98.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*177.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0062	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,724.22	267.77
		For Cement Mortar Lining (CML), Add	*131.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*237.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*98.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0063		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0064	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	125.82	32.85
		For Cement Mortar Lining (CML), Add	*7.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*13.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0065	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	153.72	39.25
		For Cement Mortar Lining (CML), Add	*9.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.07*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0066	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	244.22	58.01
		For Cement Mortar Lining (CML), Add	*15.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0067	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	328.15	68.81
		For Cement Mortar Lining (CML), Add	*22.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0068	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	467.08	76.43
		For Cement Mortar Lining (CML), Add	*35.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0069	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	595.27	89.66
		For Cement Mortar Lining (CML), Add	*45.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*82.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0070	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,007.02	100.55
		For Cement Mortar Lining (CML), Add	*85.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*153.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*64.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0071	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,527.90	114.91
		For Cement Mortar Lining (CML), Add	*135.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*243.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*101.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0072	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,781.71	160.87
		For Cement Mortar Lining (CML), Add	*153.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*276.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*115.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0073	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,415.68	201.09
		For Cement Mortar Lining (CML), Add	*211.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*379.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*158.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0074	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,941.99	267.77
		For Cement Mortar Lining (CML), Add	*253.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*456.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*190.22*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0075 Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0076	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	116.18	32.85
		For Cement Mortar Lining (CML), Add	*6.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0077	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	128.02	39.25
		For Cement Mortar Lining (CML), Add	*6.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*12.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0078	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	204.59	58.01
		For Cement Mortar Lining (CML), Add	*11.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.76*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0079	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	291.73	68.81
		For Cement Mortar Lining (CML), Add	*18.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0080	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	394.25	76.43
		For Cement Mortar Lining (CML), Add	*27.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0081	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	532.07	89.66
		For Cement Mortar Lining (CML), Add	*39.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0082	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	894.56	100.55
		For Cement Mortar Lining (CML), Add	*74.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*133.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0083	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,351.18	114.91
		For Cement Mortar Lining (CML), Add	*117.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*211.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*88.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0084	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,602.85	160.87
		For Cement Mortar Lining (CML), Add	*135.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*244.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*101.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0085	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,079.37	201.09
		For Cement Mortar Lining (CML), Add	*177.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*319.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*133.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0086	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,617.47	267.77
		For Cement Mortar Lining (CML), Add	*221.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*398.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*165.88*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0087 Mechanical Joint Ductile Iron Tee *(33 14 13 13-0002)*

33 14 13 13-0088	EA	3" x 3" Mechanical Joint Ductile Iron Tee	198.91	49.28
		For Cement Mortar Lining (CML), Add	*12.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0089	EA	4" x 3" Mechanical Joint Ductile Iron Tee	207.69	55.07
		For Cement Mortar Lining (CML), Add	*12.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0090	EA	4" x 4" Mechanical Joint Ductile Iron Tee	191.74	58.01
		For Cement Mortar Lining (CML), Add	*10.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0091	EA	6" x 3" Mechanical Joint Ductile Iron Tee	254.24	73.08
		For Cement Mortar Lining (CML), Add	*14.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.76*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0092	EA	6" x 4" Mechanical Joint Ductile Iron Tee	289.87	76.09
		For Cement Mortar Lining (CML), Add	*17.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0093	EA	6" x 6" Mechanical Joint Ductile Iron Tee	316.43	85.19
		For Cement Mortar Lining (CML), Add	*18.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0094	EA	8" x 4" Mechanical Joint Ductile Iron Tee	336.03	88.18
		For Cement Mortar Lining (CML), Add	*20.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*36.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0095	EA	8" x 6" Mechanical Joint Ductile Iron Tee	380.82	97.24
		For Cement Mortar Lining (CML), Add	*23.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0096	EA	8" x 8" Mechanical Joint Ductile Iron Tee	438.17	103.30
		For Cement Mortar Lining (CML), Add	*28.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0097	EA	10" x 4" Mechanical Joint Ductile Iron Tee	454.52	94.99
		For Cement Mortar Lining (CML), Add	*31.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*55.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0098	EA	10" x 6" Mechanical Joint Ductile Iron Tee	457.93	103.61
		For Cement Mortar Lining (CML), Add	*30.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*54.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0099	EA	10" x 8" Mechanical Joint Ductile Iron Tee	518.06	109.36
		For Cement Mortar Lining (CML), Add	*35.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0100	EA	10" x 10" Mechanical Joint Ductile Iron Tee	576.82	114.91
		For Cement Mortar Lining (CML), Add	*40.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*72.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0101	EA	12" x 4" Mechanical Joint Ductile Iron Tee	541.55	106.49
		For Cement Mortar Lining (CML), Add	*38.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*68.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0102	EA	12" x 6" Mechanical Joint Ductile Iron Tee	613.51	115.09
		For Cement Mortar Lining (CML), Add	*43.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*79.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0103	EA	12" x 8" Mechanical Joint Ductile Iron Tee	747.53	120.85
		For Cement Mortar Lining (CML), Add	*56.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*101.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0104	EA	12" x 10" Mechanical Joint Ductile Iron Tee	799.85	126.40
		For Cement Mortar Lining (CML), Add	*60.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*109.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.63*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0105	EA	12" x 12" Mechanical Joint Ductile Iron Tee	762.51	132.14
		For Cement Mortar Lining (CML), Add	*56.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*101.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106	EA	14" x 6" Mechanical Joint Ductile Iron Tee	811.54	134.11
		For Cement Mortar Lining (CML), Add	*60.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*109.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107	EA	14" x 8" Mechanical Joint Ductile Iron Tee	900.59	139.86
		For Cement Mortar Lining (CML), Add	*68.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*123.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0108	EA	14" x 10" Mechanical Joint Ductile Iron Tee	1,140.34	145.41
		For Cement Mortar Lining (CML), Add	*92.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*165.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*69.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109	EA	14" x 12" Mechanical Joint Ductile Iron Tee	1,217.59	151.16
		For Cement Mortar Lining (CML), Add	*98.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*177.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110	EA	14" x 14" Mechanical Joint Ductile Iron Tee	1,179.53	160.70
		For Cement Mortar Lining (CML), Add	*93.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*168.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*70.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0111	EA	16" x 6" Mechanical Joint Ductile Iron Tee	1,028.73	160.86
		For Cement Mortar Lining (CML), Add	*78.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*141.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0112	EA	16" x 8" Mechanical Joint Ductile Iron Tee	1,105.00	166.61
		For Cement Mortar Lining (CML), Add	*85.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*153.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0113	EA	16" x 10" Mechanical Joint Ductile Iron Tee	1,280.48	172.16
		For Cement Mortar Lining (CML), Add	*101.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*183.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0114	EA	16" x 12" Mechanical Joint Ductile Iron Tee	1,398.44	177.91
		For Cement Mortar Lining (CML), Add	*112.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*203.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0115	EA	16" x 14" Mechanical Joint Ductile Iron Tee	1,675.25	187.42
		For Cement Mortar Lining (CML), Add	*139.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*250.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*104.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0116	EA	16" x 16" Mechanical Joint Ductile Iron Tee	1,590.55	200.82
		For Cement Mortar Lining (CML), Add	*128.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*231.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*96.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0117	EA	18" x 6" Mechanical Joint Ductile Iron Tee	1,423.67	205.87
		For Cement Mortar Lining (CML), Add	*111.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*200.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.38*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0118	EA	18" x 8" Mechanical Joint Ductile Iron Tee	1,524.49	211.62
		For Cement Mortar Lining (CML), Add	*120.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*216.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0119	EA	18" x 10" Mechanical Joint Ductile Iron Tee	1,646.43	217.18
		For Cement Mortar Lining (CML), Add	*131.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*237.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*98.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0120	EA	18" x 12" Mechanical Joint Ductile Iron Tee	1,767.60	222.92
		For Cement Mortar Lining (CML), Add	*142.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*257.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*107.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0121	EA	18" x 14" Mechanical Joint Ductile Iron Tee	1,819.49	232.43
		For Cement Mortar Lining (CML), Add	*146.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*264.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0122	EA	18" x 16" Mechanical Joint Ductile Iron Tee	1,941.50	245.80
		For Cement Mortar Lining (CML), Add	*156.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*282.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*117.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0123	EA	18" x 18" Mechanical Joint Ductile Iron Tee	2,267.99	268.29
		For Cement Mortar Lining (CML), Add	*186.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*335.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*139.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0124	EA	20" x 6" Mechanical Joint Ductile Iron Tee	1,698.29	295.23
		For Cement Mortar Lining (CML), Add	*125.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*225.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*93.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0125	EA	20" x 8" Mechanical Joint Ductile Iron Tee	1,734.85	300.98
		For Cement Mortar Lining (CML), Add	*127.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*230.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*95.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0126	EA	20" x 10" Mechanical Joint Ductile Iron Tee	1,883.57	306.52
		For Cement Mortar Lining (CML), Add	*141.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*255.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0127	EA	20" x 12" Mechanical Joint Ductile Iron Tee	2,031.50	312.27
		For Cement Mortar Lining (CML), Add	*155.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*280.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*116.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0128	EA	20" x 14" Mechanical Joint Ductile Iron Tee	2,057.69	321.78
		For Cement Mortar Lining (CML), Add	*157.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*282.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*117.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0129	EA	20" x 16" Mechanical Joint Ductile Iron Tee	2,090.82	335.16
		For Cement Mortar Lining (CML), Add	*158.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*284.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*118.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0130	EA	20" x 18" Mechanical Joint Ductile Iron Tee	2,609.02	357.66
		For Cement Mortar Lining (CML), Add	*206.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*372.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*155.03*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0131	EA	20" x 20" Mechanical Joint Ductile Iron Tee	2,325.41	402.35
		For Cement Mortar Lining (CML), Add	*171.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*308.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*128.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0132	EA	24" x 6" Mechanical Joint Ductile Iron Tee	2,087.08	384.31
		For Cement Mortar Lining (CML), Add	*150.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*270.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*112.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0133	EA	24" x 8" Mechanical Joint Ductile Iron Tee	2,115.08	390.60
		For Cement Mortar Lining (CML), Add	*152.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*274.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*114.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0134	EA	24" x 10" Mechanical Joint Ductile Iron Tee	2,320.56	395.60
		For Cement Mortar Lining (CML), Add	*172.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*309.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0135	EA	24" x 12" Mechanical Joint Ductile Iron Tee	2,377.45	401.35
		For Cement Mortar Lining (CML), Add	*176.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*318.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*132.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0136	EA	24" x 14" Mechanical Joint Ductile Iron Tee	2,663.91	410.85
		For Cement Mortar Lining (CML), Add	*204.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*367.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*153.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0137	EA	24" x 16" Mechanical Joint Ductile Iron Tee	2,871.60	424.23
		For Cement Mortar Lining (CML), Add	*222.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*401.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*167.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0138	EA	24" x 18" Mechanical Joint Ductile Iron Tee	3,252.72	446.74
		For Cement Mortar Lining (CML), Add	*257.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*463.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*193.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0139	EA	24" x 20" Mechanical Joint Ductile Iron Tee	3,604.25	491.41
		For Cement Mortar Lining (CML), Add	*285.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*514.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*214.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0140	EA	24" x 24" Mechanical Joint Ductile Iron Tee	3,358.98	535.97
		For Cement Mortar Lining (CML), Add	*254.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*458.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*191.02*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0141 Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0002)*

33 14 13 13-0142	EA	4" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	174.49	55.07
		For Cement Mortar Lining (CML), Add	*9.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*16.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0143	EA	4" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	258.15	57.98
		For Cement Mortar Lining (CML), Add	*17.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.77*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0144	EA	6" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	254.24	73.08
		For Cement Mortar Lining (CML), Add	*14.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0145	EA	6" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	290.94	76.09
		For Cement Mortar Lining (CML), Add	*17.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0146	EA	6" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	386.05	85.14
		For Cement Mortar Lining (CML), Add	*25.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*46.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0147	EA	8" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	488.11	88.18
		For Cement Mortar Lining (CML), Add	*35.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0148	EA	8" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	444.01	97.24
		For Cement Mortar Lining (CML), Add	*29.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0149	EA	8" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	531.35	103.28
		For Cement Mortar Lining (CML), Add	*37.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*67.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0150	EA	10" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	740.49	94.99
		For Cement Mortar Lining (CML), Add	*59.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*107.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0151	EA	10" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	784.60	103.61
		For Cement Mortar Lining (CML), Add	*62.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*112.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.07*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0152	EA	10" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	898.28	109.36
		For Cement Mortar Lining (CML), Add	*73.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*131.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0153	EA	10" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,008.45	114.91
		For Cement Mortar Lining (CML), Add	*83.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*150.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*62.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0154	EA	12" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	939.98	106.49
		For Cement Mortar Lining (CML), Add	*77.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*140.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0155	EA	12" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,061.20	115.09
		For Cement Mortar Lining (CML), Add	*88.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*159.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*66.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0156	EA	12" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,272.34	120.85
		For Cement Mortar Lining (CML), Add	*108.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*196.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.69*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0157	EA	12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,309.67	126.40
		For Cement Mortar Lining (CML), Add	*111.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*201.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158	EA	12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	1,193.06	132.13
		For Cement Mortar Lining (CML), Add	*99.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*178.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0159	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,398.47	134.11
		For Cement Mortar Lining (CML), Add	*119.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*215.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*89.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0160	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,595.69	139.86
		For Cement Mortar Lining (CML), Add	*138.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*249.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*103.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0161	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,070.01	145.41
		For Cement Mortar Lining (CML), Add	*184.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*332.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*138.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0162	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,215.80	151.16
		For Cement Mortar Lining (CML), Add	*198.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*357.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*149.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0163	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	2,170.23	160.67
		For Cement Mortar Lining (CML), Add	*192.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*346.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*144.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0164	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,445.44	160.86
		For Cement Mortar Lining (CML), Add	*120.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*216.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0165	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,586.97	166.61
		For Cement Mortar Lining (CML), Add	*133.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*240.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*100.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0166	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,862.05	172.16
		For Cement Mortar Lining (CML), Add	*160.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*288.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0167	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,077.48	177.91
		For Cement Mortar Lining (CML), Add	*180.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*325.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*135.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0168	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	2,586.71	187.42
		For Cement Mortar Lining (CML), Add	*230.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*414.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*172.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0169	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	2,502.00	200.79
		For Cement Mortar Lining (CML), Add	*219.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*395.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*164.83*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0170	EA	18" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,258.01	205.87
		For Cement Mortar Lining (CML), Add	*194.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*350.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*145.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0171	EA	18" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,427.38	211.62
		For Cement Mortar Lining (CML), Add	*210.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*379.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*158.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0172	EA	18" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,591.09	217.18
		For Cement Mortar Lining (CML), Add	*226.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*407.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*169.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0173	EA	18" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	2,769.02	222.92
		For Cement Mortar Lining (CML), Add	*243.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*437.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*182.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0174	EA	18" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	2,802.71	232.43
		For Cement Mortar Lining (CML), Add	*245.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*441.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*183.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0175	EA	18" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	2,835.82	245.80
		For Cement Mortar Lining (CML), Add	*246.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*443.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*184.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0176	EA	18" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	2,610.73	268.31
		For Cement Mortar Lining (CML), Add	*220.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*396.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*165.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0177	EA	20" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,698.65	295.23
		For Cement Mortar Lining (CML), Add	*225.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*405.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*168.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0178	EA	20" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,757.69	300.98
		For Cement Mortar Lining (CML), Add	*230.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*414.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*172.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0179	EA	20" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,018.87	306.52
		For Cement Mortar Lining (CML), Add	*255.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*459.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*191.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0180	EA	20" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,278.19	312.27
		For Cement Mortar Lining (CML), Add	*280.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*504.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*210.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0181	EA	20" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,314.02	321.78
		For Cement Mortar Lining (CML), Add	*282.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*508.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*211.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0182	EA	20" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	3,356.79	335.16
		For Cement Mortar Lining (CML), Add	*284.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*512.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*213.67*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0183	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	3,877.13	357.66
		For Cement Mortar Lining (CML), Add	*333.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*600.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*250.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0184	EA	20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	3,698.48	402.33
		For Cement Mortar Lining (CML), Add	*308.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*556.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*231.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0185	EA	24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	3,290.93	384.31
		For Cement Mortar Lining (CML), Add	*270.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*487.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*203.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186	EA	24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	3,333.92	390.05
		For Cement Mortar Lining (CML), Add	*274.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*493.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*205.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0187	EA	24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,696.85	395.60
		For Cement Mortar Lining (CML), Add	*309.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*557.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188	EA	24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,864.05	401.35
		For Cement Mortar Lining (CML), Add	*325.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*586.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*244.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189	EA	24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,439.70	410.85
		For Cement Mortar Lining (CML), Add	*381.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*687.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*286.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0190	EA	24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,919.43	424.23
		For Cement Mortar Lining (CML), Add	*427.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*769.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*320.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0191	EA	24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	5,493.34	446.74
		For Cement Mortar Lining (CML), Add	*481.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*866.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*361.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192	EA	24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	6,035.51	491.41
		For Cement Mortar Lining (CML), Add	*529.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*952.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*396.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0193	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	5,396.10	535.95
		For Cement Mortar Lining (CML), Add	*458.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*825.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*343.80*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0194 Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee *(33 14 13 13-0002)*

33 14 13 13-0195	EA	6" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	345.35	85.19
		For Cement Mortar Lining (CML), Add	*21.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.23*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*16.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0196	EA	8" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	408.66	97.24
		For Cement Mortar Lining (CML), Add	*26.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.60*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*19.60*	
33 14 13 13-0197	EA	10" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	602.52	103.61
		For Cement Mortar Lining (CML), Add	*44.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.42*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*33.42*	
33 14 13 13-0198	EA	12" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	676.70	115.09
		For Cement Mortar Lining (CML), Add	*50.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*90.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.67*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*37.67*	
33 14 13 13-0199	EA	14" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	914.36	134.11
		For Cement Mortar Lining (CML), Add	*71.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*128.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.34*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*53.34*	
33 14 13 13-0200	EA	16" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,163.75	160.86
		For Cement Mortar Lining (CML), Add	*92.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*165.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*69.00*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*69.00*	
33 14 13 13-0201	EA	18" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,432.24	205.87
		For Cement Mortar Lining (CML), Add	*112.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*201.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.02*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*84.02*	
33 14 13 13-0202	EA	20" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,009.97	295.23
		For Cement Mortar Lining (CML), Add	*156.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*281.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*117.20*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*117.20*	
33 14 13 13-0203	EA	24" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,345.20	384.31
		For Cement Mortar Lining (CML), Add	*179.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*322.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*134.31*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*134.31*	
33 14 13 13-0204	EA	30" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	4,481.44	447.60
		For Cement Mortar Lining (CML), Add	*380.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*684.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*285.24*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*285.24*	

33 14 13 13-0205 Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee *(33 14 13 13-0002)*

33 14 13 13-0206	EA	6" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	313.22	85.19
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*18.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.82*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*13.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0207	EA	8" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	365.82	97.24
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*21.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.39*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*16.39*	
33 14 13 13-0208	EA	10" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	508.27	103.61
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*35.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.35*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*26.35*	
33 14 13 13-0209	EA	12" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	624.22	115.09
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*44.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*80.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.74*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*33.74*	
33 14 13 13-0210	EA	14" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	781.55	134.11
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*57.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*104.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.38*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*43.38*	
33 14 13 13-0211	EA	16" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	983.82	160.86
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*74.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*133.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.51*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*55.51*	
33 14 13 13-0212	EA	18" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,270.51	205.87
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*95.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*172.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.89*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*71.89*	
33 14 13 13-0213	EA	20" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,413.40	295.23
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*96.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*173.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*72.46*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*72.46*	
33 14 13 13-0214	EA	24" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee	1,945.70	384.31
		Note: Includes swivel gland.		
		For Cement Mortar Lining (CML), Add	*139.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*250.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*104.35*	
		Note: ANSI/AWWA C151/A21.51		
		For Protective Fusion-Bonded Epoxy Coated, C116, Add	*104.35*	

33 14 13 13-0215 Mechanical Joint Ductile Iron Cross *(33 14 13 13-0002)*

33 14 13 13-0216	EA	3" x 3" Mechanical Joint Ductile Iron Cross	237.71	65.70
		For Cement Mortar Lining (CML), Add	*13.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0217	EA	4" x 3" Mechanical Joint Ductile Iron Cross	285.06	71.49
		For Cement Mortar Lining (CML), Add	*17.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.25*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0218	EA	4" x 4" Mechanical Joint Ductile Iron Cross	333.66	72.47
		For Cement Mortar Lining (CML), Add	*22.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0219	EA	6" x 3" Mechanical Joint Ductile Iron Cross	399.27	89.57
		For Cement Mortar Lining (CML), Add	*26.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0220	EA	6" x 4" Mechanical Joint Ductile Iron Cross	390.60	96.62
		For Cement Mortar Lining (CML), Add	*24.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*43.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0221	EA	6" x 6" Mechanical Joint Ductile Iron Cross	457.19	120.79
		For Cement Mortar Lining (CML), Add	*27.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*49.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0222	EA	8" x 4" Mechanical Joint Ductile Iron Cross	403.28	105.69
		For Cement Mortar Lining (CML), Add	*24.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*43.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0223	EA	8" x 6" Mechanical Joint Ductile Iron Cross	480.57	129.84
		For Cement Mortar Lining (CML), Add	*28.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*51.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0224	EA	8" x 8" Mechanical Joint Ductile Iron Cross	509.30	138.90
		For Cement Mortar Lining (CML), Add	*29.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0225	EA	10" x 4" Mechanical Joint Ductile Iron Cross	485.35	111.10
		For Cement Mortar Lining (CML), Add	*31.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0226	EA	10" x 6" Mechanical Joint Ductile Iron Cross	558.74	134.08
		For Cement Mortar Lining (CML), Add	*35.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*64.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0227	EA	10" x 8" Mechanical Joint Ductile Iron Cross	657.47	142.70
		For Cement Mortar Lining (CML), Add	*44.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*79.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0228	EA	10" x 10" Mechanical Joint Ductile Iron Cross	710.93	153.21
		For Cement Mortar Lining (CML), Add	*47.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0229	EA	12 x 4" Mechanical Joint Ductile Iron Cross	583.37	120.65
		For Cement Mortar Lining (CML), Add	*40.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*72.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0230	EA	12" x 6" Mechanical Joint Ductile Iron Cross	679.25	143.63
		For Cement Mortar Lining (CML), Add	*46.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*83.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.62*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0231	EA	12" x 8" Mechanical Joint Ductile Iron Cross	959.01	152.26
		For Cement Mortar Lining (CML), Add	*72.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*131.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0232	EA	12" x 10" Mechanical Joint Ductile Iron Cross	974.98	162.80
		For Cement Mortar Lining (CML), Add	*72.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*131.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0233	EA	12" x 12" Mechanical Joint Ductile Iron Cross	1,101.92	172.36
		For Cement Mortar Lining (CML), Add	*84.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*151.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0234	EA	14" x 6" Mechanical Joint Ductile Iron Cross	1,121.92	157.99
		For Cement Mortar Lining (CML), Add	*88.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*158.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*66.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0235	EA	14" x 8" Mechanical Joint Ductile Iron Cross	1,312.78	166.61
		For Cement Mortar Lining (CML), Add	*106.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*190.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*79.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0236	EA	14" x 10" Mechanical Joint Ductile Iron Cross	1,350.17	177.16
		For Cement Mortar Lining (CML), Add	*108.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*194.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0237	EA	14" x 12" Mechanical Joint Ductile Iron Cross	1,424.63	186.72
		For Cement Mortar Lining (CML), Add	*114.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*205.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0238	EA	14" x 14" Mechanical Joint Ductile Iron Cross	1,573.84	201.09
		For Cement Mortar Lining (CML), Add	*126.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*228.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*95.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0239	EA	16" x 6" Mechanical Joint Ductile Iron Cross	1,281.97	178.09
		For Cement Mortar Lining (CML), Add	*101.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*182.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*75.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0240	EA	16" x 8" Mechanical Joint Ductile Iron Cross	1,452.47	186.72
		For Cement Mortar Lining (CML), Add	*116.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*210.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*87.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0241	EA	16" x 10" Mechanical Joint Ductile Iron Cross	1,728.26	197.25
		For Cement Mortar Lining (CML), Add	*142.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*257.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*107.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0242	EA	16" x 12" Mechanical Joint Ductile Iron Cross	1,920.99	206.82
		For Cement Mortar Lining (CML), Add	*160.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*289.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0243	EA	16" x 14" Mechanical Joint Ductile Iron Cross	2,309.04	221.17
		For Cement Mortar Lining (CML), Add	*197.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*355.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*148.04*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0244	EA	16" x 16" Mechanical Joint Ductile Iron Cross	2,696.13	241.31
		For Cement Mortar Lining (CML), Add	*233.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*419.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*174.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0245	EA	18" x 6" Mechanical Joint Ductile Iron Cross	2,087.35	210.58
		For Cement Mortar Lining (CML), Add	*176.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*318.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*132.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0246	EA	18" x 8" Mechanical Joint Ductile Iron Cross	2,205.38	219.22
		For Cement Mortar Lining (CML), Add	*187.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*337.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*140.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0247	EA	18" x 10" Mechanical Joint Ductile Iron Cross	2,309.17	229.74
		For Cement Mortar Lining (CML), Add	*196.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*352.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*147.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0248	EA	18" x 12" Mechanical Joint Ductile Iron Cross	2,499.31	239.32
		For Cement Mortar Lining (CML), Add	*213.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*384.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*160.25*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0249	EA	18" x 14" Mechanical Joint Ductile Iron Cross	2,905.57	253.67
		For Cement Mortar Lining (CML), Add	*252.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*453.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*189.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0250	EA	18" x 16" Mechanical Joint Ductile Iron Cross	3,094.53	273.76
		For Cement Mortar Lining (CML), Add	*267.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*482.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*200.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0251	EA	18" x 18" Mechanical Joint Ductile Iron Cross	3,248.72	306.25
		For Cement Mortar Lining (CML), Add	*278.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*501.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*208.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0252	EA	20" x 6" Mechanical Joint Ductile Iron Cross	2,623.82	264.22
		For Cement Mortar Lining (CML), Add	*222.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*400.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*166.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0253	EA	20" x 8" Mechanical Joint Ductile Iron Cross	2,742.91	272.85
		For Cement Mortar Lining (CML), Add	*232.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*419.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*174.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0254	EA	20" x 10" Mechanical Joint Ductile Iron Cross	2,828.50	283.39
		For Cement Mortar Lining (CML), Add	*239.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*431.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*179.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0255	EA	20" x 12" Mechanical Joint Ductile Iron Cross	3,017.58	292.95
		For Cement Mortar Lining (CML), Add	*257.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*463.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*193.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0256	EA	20" x 14" Mechanical Joint Ductile Iron Cross	3,074.66	307.31
		For Cement Mortar Lining (CML), Add	*260.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*469.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*195.68*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0257	EA	20" x 16" Mechanical Joint Ductile Iron Cross	3,700.61	327.40
		For Cement Mortar Lining (CML), Add	*320.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*576.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*240.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0258	EA	20" x 18" Mechanical Joint Ductile Iron Cross	3,854.81	359.89
		For Cement Mortar Lining (CML), Add	*330.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*595.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*248.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0259	EA	20" x 20" Mechanical Joint Ductile Iron Cross	4,181.35	413.49
		For Cement Mortar Lining (CML), Add	*355.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*639.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*266.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0260	EA	24" x 6" Mechanical Joint Ductile Iron Cross	3,565.05	330.52
		For Cement Mortar Lining (CML), Add	*306.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*551.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*229.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0261	EA	24" x 8" Mechanical Joint Ductile Iron Cross	3,649.06	339.15
		For Cement Mortar Lining (CML), Add	*313.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*564.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*235.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0262	EA	24" x 10" Mechanical Joint Ductile Iron Cross	3,786.85	349.68
		For Cement Mortar Lining (CML), Add	*325.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*586.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*244.28*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0263	EA	24" x 12" Mechanical Joint Ductile Iron Cross	3,906.32	359.26
		For Cement Mortar Lining (CML), Add	*336.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*605.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*252.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0264	EA	24" x 14" Mechanical Joint Ductile Iron Cross	3,980.55	373.61
		For Cement Mortar Lining (CML), Add	*341.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*614.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*256.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0265	EA	24" x 16" Mechanical Joint Ductile Iron Cross	4,134.16	393.71
		For Cement Mortar Lining (CML), Add	*353.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*636.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*265.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0266	EA	24" x 18" Mechanical Joint Ductile Iron Cross	5,426.87	426.20
		For Cement Mortar Lining (CML), Add	*478.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*860.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*358.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0267	EA	24" x 20" Mechanical Joint Ductile Iron Cross	5,735.20	479.84
		For Cement Mortar Lining (CML), Add	*500.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*901.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*375.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0268	EA	24" x 24" Mechanical Joint Ductile Iron Cross	6,326.20	546.16
		For Cement Mortar Lining (CML), Add	*549.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*989.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*412.40*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0269 Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0270	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	116.28	35.75
		For Cement Mortar Lining (CML), Add	*6.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*11.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0271	EA	6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	136.44	44.80
		For Cement Mortar Lining (CML), Add	*6.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*12.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0272	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	147.26	47.71
		For Cement Mortar Lining (CML), Add	*7.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*13.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0273	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	184.35	53.76
		For Cement Mortar Lining (CML), Add	*10.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0274	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	204.41	62.81
		For Cement Mortar Lining (CML), Add	*10.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0275	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	219.77	56.69
		For Cement Mortar Lining (CML), Add	*13.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0276	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	240.32	65.31
		For Cement Mortar Lining (CML), Add	*14.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0277	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	262.96	71.05
		For Cement Mortar Lining (CML), Add	*15.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*27.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0278	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	263.81	62.43
		For Cement Mortar Lining (CML), Add	*16.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0279	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	294.01	71.05
		For Cement Mortar Lining (CML), Add	*18.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*33.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0280	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	308.08	76.80
		For Cement Mortar Lining (CML), Add	*19.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0281	EA	12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	336.84	82.35
		For Cement Mortar Lining (CML), Add	*21.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0282	EA	14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	535.47	80.56
		For Cement Mortar Lining (CML), Add	*41.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*74.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.01*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0283	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	522.77	86.31
		For Cement Mortar Lining (CML), Add	*39.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0284	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	473.33	91.85
		For Cement Mortar Lining (CML), Add	*33.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0285	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	498.11	97.60
		For Cement Mortar Lining (CML), Add	*35.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0286	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	628.57	93.93
		For Cement Mortar Lining (CML), Add	*48.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*87.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0287	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	619.08	99.68
		For Cement Mortar Lining (CML), Add	*46.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*84.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0288	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	610.35	105.24
		For Cement Mortar Lining (CML), Add	*45.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*81.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*33.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0289	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	660.83	110.98
		For Cement Mortar Lining (CML), Add	*49.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*88.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.95*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0290	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	734.14	120.49
		For Cement Mortar Lining (CML), Add	*55.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*99.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0291	EA	18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	785.98	122.18
		For Cement Mortar Lining (CML), Add	*60.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*108.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0292	EA	18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	877.93	127.74
		For Cement Mortar Lining (CML), Add	*68.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*123.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0293	EA	18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	850.23	133.49
		For Cement Mortar Lining (CML), Add	*64.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*116.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0294	EA	18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	902.12	142.99
		For Cement Mortar Lining (CML), Add	*68.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*123.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0295	EA	18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	952.37	156.37
		For Cement Mortar Lining (CML), Add	*71.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*128.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.66*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0296	EA	20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,107.51	166.87
		For Cement Mortar Lining (CML), Add	*85.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*153.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*64.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0297	EA	20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,066.66	172.41
		For Cement Mortar Lining (CML), Add	*80.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*144.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0298	EA	20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	990.74	178.16
		For Cement Mortar Lining (CML), Add	*72.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*129.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0299	EA	20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	999.79	187.67
		For Cement Mortar Lining (CML), Add	*71.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*128.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0300	EA	20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,035.06	201.04
		For Cement Mortar Lining (CML), Add	*73.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*131.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0301	EA	20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,235.17	223.54
		For Cement Mortar Lining (CML), Add	*89.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*161.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*67.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0302	EA	24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,441.66	222.69
		For Cement Mortar Lining (CML), Add	*110.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*198.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0303	EA	24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,483.92	232.21
		For Cement Mortar Lining (CML), Add	*113.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*203.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0304	EA	24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,519.17	245.58
		For Cement Mortar Lining (CML), Add	*114.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*206.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*86.03*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0305	EA	24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,502.93	268.08
		For Cement Mortar Lining (CML), Add	*109.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*197.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0306	EA	24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,831.96	312.77
		For Cement Mortar Lining (CML), Add	*135.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*244.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*101.86*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0307 Mechanical Joint Ductile Iron Caps *(33 14 13 13-0002)*

33 14 13 13-0308	EA	3" Mechanical Joint Ductile Iron Caps	142.23	75.49
		For Cement Mortar Lining (CML), Add	*2.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.09*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0309	EA	4" Mechanical Joint Ductile Iron Caps	163.12	88.58
		For Cement Mortar Lining (CML), Add	*2.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0310	EA	6" Mechanical Joint Ductile Iron Caps	219.17	110.72
		For Cement Mortar Lining (CML), Add	*5.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0311	EA	8" Mechanical Joint Ductile Iron Caps	277.40	126.54
		For Cement Mortar Lining (CML), Add	*8.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0312	EA	10" Mechanical Joint Ductile Iron Caps	398.35	191.51
		For Cement Mortar Lining (CML), Add	*10.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0313	EA	12" Mechanical Joint Ductile Iron Caps	478.28	208.92
		For Cement Mortar Lining (CML), Add	*16.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*29.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0314	EA	14" Mechanical Joint Ductile Iron Caps	593.47	229.82
		For Cement Mortar Lining (CML), Add	*24.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0315	EA	16" Mechanical Joint Ductile Iron Caps	715.70	255.32
		For Cement Mortar Lining (CML), Add	*32.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0316	EA	18" Mechanical Joint Ductile Iron Caps	836.90	287.26
		For Cement Mortar Lining (CML), Add	*40.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*72.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0317	EA	20" Mechanical Joint Ductile Iron Caps	1,016.88	328.27
		For Cement Mortar Lining (CML), Add	*51.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*93.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0318	EA	24" Mechanical Joint Ductile Iron Caps	1,293.65	383.03
		For Cement Mortar Lining (CML), Add	*71.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*128.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*53.50*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0319 Mechanical Joint Ductile Iron Plug *(33 14 13 13-0002)*

33 14 13 13-0320	EA	3" Mechanical Joint Ductile Iron Plug	146.51	75.49
		For Cement Mortar Lining (CML), Add	*3.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*5.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0321	EA	4" Mechanical Joint Ductile Iron Plug	169.54	88.58
		For Cement Mortar Lining (CML), Add	*3.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*6.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.65*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0322	EA	6" Mechanical Joint Ductile Iron Plug	236.31	110.72
		For Cement Mortar Lining (CML), Add	*6.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*12.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0323	EA	8" Mechanical Joint Ductile Iron Plug	294.54	126.54
		For Cement Mortar Lining (CML), Add	*10.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0324	EA	10" Mechanical Joint Ductile Iron Plug	467.96	191.51
		For Cement Mortar Lining (CML), Add	*17.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0325	EA	12" Mechanical Joint Ductile Iron Plug	497.56	208.92
		For Cement Mortar Lining (CML), Add	*18.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0326	EA	14" Mechanical Joint Ductile Iron Plug	716.64	229.82
		For Cement Mortar Lining (CML), Add	*36.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0327	EA	16" Mechanical Joint Ductile Iron Plug	434.02	255.32
		For Cement Mortar Lining (CML), Add	*4.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0328	EA	18" Mechanical Joint Ductile Iron Plug	1,020.05	287.26
		For Cement Mortar Lining (CML), Add	*58.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0329	EA	20" Mechanical Joint Ductile Iron Plug	1,266.44	328.27
		For Cement Mortar Lining (CML), Add	*76.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*138.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*57.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0330	EA	24" Mechanical Joint Ductile Iron Plug	1,647.10	383.03
		For Cement Mortar Lining (CML), Add	*106.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*192.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.01*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0331 Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0002)*

33 14 13 13-0332	EA	3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	243.47	114.74
		For Cement Mortar Lining (CML), Add	*6.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*12.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0333	EA	4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	276.27	132.86
		For Cement Mortar Lining (CML), Add	*7.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*13.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0334	EA	6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	355.52	166.07
		For Cement Mortar Lining (CML), Add	*10.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.79*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0335	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	445.02	189.78
		For Cement Mortar Lining (CML), Add	*15.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0336	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	709.45	287.26
		For Cement Mortar Lining (CML), Add	*27.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*49.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0337	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	826.12	313.38
		For Cement Mortar Lining (CML), Add	*35.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0338	EA	14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,080.32	344.72
		For Cement Mortar Lining (CML), Add	*55.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*100.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0339	EA	16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,217.61	383.03
		For Cement Mortar Lining (CML), Add	*63.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*114.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0340	EA	18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,627.53	430.91
		For Cement Mortar Lining (CML), Add	*97.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*175.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0341	EA	20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,907.16	492.45
		For Cement Mortar Lining (CML), Add	*116.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*208.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*87.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0342	EA	24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,300.35	574.54
		For Cement Mortar Lining (CML), Add	*142.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*257.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*107.24*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0343 Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0002)*

33 14 13 13-0344	EA	3" Mechanical Joint Ductile Iron Long Sleeves	232.76	114.74
		For Cement Mortar Lining (CML), Add	*5.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0345	EA	4" Mechanical Joint Ductile Iron Long Sleeves	270.92	132.86
		For Cement Mortar Lining (CML), Add	*6.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*12.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0346	EA	6" Mechanical Joint Ductile Iron Long Sleeves	368.37	166.07
		For Cement Mortar Lining (CML), Add	*11.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0347	EA	8" Mechanical Joint Ductile Iron Long Sleeves	479.30	189.78
		For Cement Mortar Lining (CML), Add	*19.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*34.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.38*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0348	EA	10" Mechanical Joint Ductile Iron Long Sleeves	663.39	287.26
		For Cement Mortar Lining (CML), Add	*22.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0349	EA	12" Mechanical Joint Ductile Iron Long Sleeves	783.28	313.38
		For Cement Mortar Lining (CML), Add	*30.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*55.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0350	EA	14" Mechanical Joint Ductile Iron Long Sleeves	988.21	344.72
		For Cement Mortar Lining (CML), Add	*46.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*83.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0351	EA	16" Mechanical Joint Ductile Iron Long Sleeves	1,170.48	383.03
		For Cement Mortar Lining (CML), Add	*59.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*106.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0352	EA	18" Mechanical Joint Ductile Iron Long Sleeves	1,407.96	430.91
		For Cement Mortar Lining (CML), Add	*75.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*135.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*56.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0353	EA	20" Mechanical Joint Ductile Iron Long Sleeves	1,657.61	492.45
		For Cement Mortar Lining (CML), Add	*91.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*164.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0354	EA	24" Mechanical Joint Ductile Iron Long Sleeves	2,071.15	574.54
		For Cement Mortar Lining (CML), Add	*120.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*216.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.05*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0355 Mechanical Joint Ductile Iron Gland Packs *(33 14 13 13-0002)*

Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.

33 14 13 13-0356 Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0355)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 13-0357	EA	3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	21.42
33 14 13 13-0358	EA	4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	32.96
33 14 13 13-0359	EA	6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	39.82
33 14 13 13-0360	EA	8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	46.69
33 14 13 13-0361	EA	10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	64.54
33 14 13 13-0362	EA	12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	68.66
33 14 13 13-0363	EA	14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	112.60
33 14 13 13-0364	EA	16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	119.47
33 14 13 13-0365	EA	18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	159.29
33 14 13 13-0366	EA	20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	205.98
33 14 13 13-0367	EA	24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	287.00

33 14 13 13-0368 Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts *(33 14 13 13-0355)*

Note: Labor installation is included with pipe fittings or valves.

33 14 13 13-0369	EA	3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts	36.42
33 14 13 13-0370	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	46.69
33 14 13 13-0371	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	59.05
33 14 13 13-0372	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	64.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0373	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	89.26	
33 14 13 13-0374	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	93.38	
33 14 13 13-0375	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	141.44	
33 14 13 13-0376	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	155.17	
33 14 13 13-0377	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	205.98	
33 14 13 13-0378	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	266.40	
33 14 13 13-0379	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	372.14	
33 14 13 13-0380		Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts *(33 14 13 13-0355)* Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0381	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	23.56	
33 14 13 13-0382	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	35.70	
33 14 13 13-0383	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	42.57	
33 14 13 13-0384	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	50.81	
33 14 13 13-0385	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	70.03	
33 14 13 13-0386	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	74.15	
33 14 13 13-0387	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	122.21	
33 14 13 13-0388	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	129.08	
33 14 13 13-0389	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	174.40	
33 14 13 13-0390	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	223.83	
33 14 13 13-0391	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	313.09	
33 14 13 13-0392		Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series) *(33 14 13 13-0002)* Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0393	EA	3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC)	149.79	57.55
33 14 13 13-0394	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC)	171.27	68.17
33 14 13 13-0395	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC)	212.44	84.37
33 14 13 13-0396	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC)	263.99	98.45
33 14 13 13-0397	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC)	381.76	143.63
33 14 13 13-0398	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC)	468.75	164.18
33 14 13 13-0399	EA	14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC)	543.71	176.71
33 14 13 13-0400	EA	16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC)	666.14	191.51
33 14 13 13-0401	EA	18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC)	852.41	229.82
33 14 13 13-0402	EA	20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC)	1,003.74	255.23
33 14 13 13-0403	EA	24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC)	1,298.03	294.49
33 14 13 13-0404		Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®) *(33 14 13 13-0002)*		
33 14 13 13-0405	EA	3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	3,020.78	47.10
33 14 13 13-0406	EA	4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	3,146.77	58.88
33 14 13 13-0407	EA	6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,566.27	87.02
33 14 13 13-0408	EA	8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	6,203.58	103.21
33 14 13 13-0409	EA	10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	7,817.82	114.65
33 14 13 13-0410	EA	12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	10,424.72	134.50
33 14 13 13-0411	EA	14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	12,839.94	150.82
33 14 13 13-0412	EA	16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	15,189.41	172.36
33 14 13 13-0413	EA	18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	17,131.27	241.31
33 14 13 13-0414	EA	20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	23,043.71	301.64
33 14 13 13-0415	EA	24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	31,927.57	402.17
33 14 13 13-0416		Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series) *(33 14 13 13-0002)* Note: Includes machined bolts and gasket.		
33 14 13 13-0417	EA	3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM)	148.78	57.55
33 14 13 13-0418	EA	4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM)	190.01	68.17
33 14 13 13-0419	EA	6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM)	244.94	84.37
33 14 13 13-0420	EA	8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM)	279.93	98.45
33 14 13 13-0421	EA	10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM)	487.94	150.98
33 14 13 13-0422	EA	12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM)	552.51	172.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0423		**Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series)** *(33 14 13 13-0002)*		
		Note: Includes nuts, bolts and gasket.		
33 14 13 13-0424	EA	3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300))	212.45	57.55
33 14 13 13-0425	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400)	263.68	68.17
33 14 13 13-0426	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600)	363.38	84.37
33 14 13 13-0427	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800)	521.43	98.45
33 14 13 13-0428	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000)	756.83	150.98
33 14 13 13-0429	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200)	938.44	172.57
33 14 13 13-0430	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400)	1,432.49	185.75
33 14 13 13-0431	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600)	1,997.65	201.30
33 14 13 13-0432	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800)	2,261.82	241.56
33 14 13 13-0433	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000)	2,498.73	268.28
33 14 13 13-0434	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400)	3,020.33	309.54
33 14 13 13-0435	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000)	3,881.28	371.22
33 14 13 13-0436	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600)	5,782.05	464.55
33 14 13 13-0437	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200)	14,968.30	536.01
33 14 13 13-0438	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800)	19,172.72	689.37
33 14 13 13-0439		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping** *(33 14 13 13-0001)*		
		Note: . See CSI section 33 14 13 13-0355 for bolts and gaskets.		
33 14 13 13-0440		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow** *(33 14 13 13-0439)*		
33 14 13 13-0441	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	277.91	32.85
33 14 13 13-0442	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	332.59	39.35
33 14 13 13-0443	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	515.19	57.64
33 14 13 13-0444	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	700.87	68.62
33 14 13 13-0445	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	955.48	76.60
33 14 13 13-0446	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,208.97	89.66
33 14 13 13-0447	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,709.62	100.98
33 14 13 13-0448	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,071.99	114.91
33 14 13 13-0449	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,511.10	161.05
33 14 13 13-0450	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,130.06	201.09
33 14 13 13-0451	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	4,420.03	268.12
33 14 13 13-0452		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow** *(33 14 13 13-0439)*		
33 14 13 13-0453	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	266.13	32.85
33 14 13 13-0454	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	312.24	39.35
33 14 13 13-0455	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	479.85	57.64
33 14 13 13-0456	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	646.25	68.62
33 14 13 13-0457	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	839.80	76.60
33 14 13 13-0458	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,105.08	89.66
33 14 13 13-0459	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,486.85	100.98
33 14 13 13-0460	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,778.53	114.91
33 14 13 13-0461	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,111.60	161.05
33 14 13 13-0462	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,565.63	201.09
33 14 13 13-0463	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,382.19	268.12
33 14 13 13-0464		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow** *(33 14 13 13-0439)*		
33 14 13 13-0465	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	209.36	32.85
33 14 13 13-0466	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	309.02	39.35
33 14 13 13-0467	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	467.00	57.64
33 14 13 13-0468	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	641.96	68.62
33 14 13 13-0469	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	838.73	76.60
33 14 13 13-0470	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,042.96	89.66
33 14 13 13-0471	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,495.41	100.98
33 14 13 13-0472	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,739.97	114.91
33 14 13 13-0473	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,101.96	161.05
33 14 13 13-0474	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,654.52	201.09
33 14 13 13-0475	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,311.50	268.12
33 14 13 13-0476	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	5,487.36	287.26
33 14 13 13-0477	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	7,459.63	298.59
33 14 13 13-0478	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	10,647.92	344.72
33 14 13 13-0479	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	13,609.48	366.49
33 14 13 13-0480		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0439)*		
33 14 13 13-0481	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	209.36	32.85
33 14 13 13-0482	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	367.93	39.35
33 14 13 13-0483	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	471.28	57.64
33 14 13 13-0484	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	622.68	68.62
33 14 13 13-0485	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	836.59	76.60
33 14 13 13-0486	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,014.04	89.66
33 14 13 13-0487	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,607.87	100.98
33 14 13 13-0488	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,792.45	114.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0489	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,406.14	161.05
33 14 13 13-0490	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,562.41	201.09
33 14 13 13-0491	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,312.57	268.12
33 14 13 13-0492		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0439)*		
33 14 13 13-0493	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	244.71	32.85
33 14 13 13-0494	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	357.22	39.35
33 14 13 13-0495	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	555.89	57.64
33 14 13 13-0496	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	752.28	68.62
33 14 13 13-0497	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,030.45	76.60
33 14 13 13-0498	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,291.44	89.66
33 14 13 13-0499	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,301.91	100.98
33 14 13 13-0500	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,578.95	114.91
33 14 13 13-0501	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,099.45	161.05
33 14 13 13-0502	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,730.20	201.09
33 14 13 13-0503	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	5,131.20	268.12
33 14 13 13-0504		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0439)*		
33 14 13 13-0505	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	244.71	32.85
33 14 13 13-0506	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	316.52	39.35
33 14 13 13-0507	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	496.99	57.64
33 14 13 13-0508	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	698.73	68.62
33 14 13 13-0509	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	922.27	76.60
33 14 13 13-0510	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,197.19	89.66
33 14 13 13-0511	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,589.67	100.98
33 14 13 13-0512	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,908.12	114.91
33 14 13 13-0513	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,553.21	161.05
33 14 13 13-0514	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,738.41	201.09
33 14 13 13-0515	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,912.35	268.12
33 14 13 13-0516		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee *(33 14 13 13-0439)*		
33 14 13 13-0517	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	345.64	49.28
33 14 13 13-0518	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	377.64	55.56
33 14 13 13-0519	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	398.45	57.64
33 14 13 13-0520	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	564.84	73.08
33 14 13 13-0521	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	611.18	75.95
33 14 13 13-0522	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	646.31	85.10
33 14 13 13-0523	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	748.38	87.85
33 14 13 13-0524	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	810.30	96.99
33 14 13 13-0525	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	890.15	103.39
33 14 13 13-0526	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	997.54	94.89
33 14 13 13-0527	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	998.81	103.59
33 14 13 13-0528	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,081.43	109.68
33 14 13 13-0529	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,165.89	114.91
33 14 13 13-0530	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,198.10	106.20
33 14 13 13-0531	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,211.15	114.91
33 14 13 13-0532	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,308.75	121.00
33 14 13 13-0533	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,504.60	126.23
33 14 13 13-0534	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,510.09	132.32
33 14 13 13-0535	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,705.86	134.06
33 14 13 13-0536	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,844.17	140.15
33 14 13 13-0537	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,230.66	145.37
33 14 13 13-0538	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,353.96	151.46
33 14 13 13-0539	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,187.38	161.05
33 14 13 13-0540	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,040.87	161.05
33 14 13 13-0541	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,150.33	166.26
33 14 13 13-0542	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,571.08	172.36
33 14 13 13-0543	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,417.00	177.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0544	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,139.36	187.16
33 14 13 13-0545	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,850.09	201.09
33 14 13 13-0546	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,677.86	206.31
33 14 13 13-0547	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,822.59	211.54
33 14 13 13-0548	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,005.58	216.76
33 14 13 13-0549	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,174.94	222.85
33 14 13 13-0550	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,263.26	232.43
33 14 13 13-0551	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,485.94	245.48
33 14 13 13-0552	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,889.54	268.12
33 14 13 13-0553	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,097.07	295.11
33 14 13 13-0554	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,149.70	301.20
33 14 13 13-0555	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,453.71	306.42
33 14 13 13-0556	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,620.93	312.51
33 14 13 13-0557	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,658.90	322.09
33 14 13 13-0558	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,618.12	335.15
33 14 13 13-0559	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,603.29	357.78
33 14 13 13-0560	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,955.53	402.17
33 14 13 13-0561	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,767.54	383.89
33 14 13 13-0562	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,804.11	390.86
33 14 13 13-0563	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,872.50	395.21
33 14 13 13-0564	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,973.30	401.31
33 14 13 13-0565	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,505.03	410.88
33 14 13 13-0566	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,697.73	423.94
33 14 13 13-0567	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,757.88	446.57
33 14 13 13-0568	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,954.11	491.84
33 14 13 13-0569	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,609.24	536.23

33 14 13 13-0570 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0439)*

33 14 13 13-0571	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	387.63	55.07
33 14 13 13-0572	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	425.11	55.07
33 14 13 13-0573	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	496.99	57.64
33 14 13 13-0574	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	550.92	73.08
33 14 13 13-0575	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	613.32	75.95
33 14 13 13-0576	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	748.06	85.10
33 14 13 13-0577	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	976.51	87.85
33 14 13 13-0578	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	904.56	96.99
33 14 13 13-0579	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,015.46	103.39
33 14 13 13-0580	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,424.88	94.89
33 14 13 13-0581	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,485.06	103.59
33 14 13 13-0582	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,659.79	109.68
33 14 13 13-0583	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,810.66	114.91
33 14 13 13-0584	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,736.83	106.20
33 14 13 13-0585	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,968.37	114.91
33 14 13 13-0586	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,326.24	121.00
33 14 13 13-0587	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,329.30	126.23
33 14 13 13-0588	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,152.72	132.32
33 14 13 13-0589	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,554.12	134.06
33 14 13 13-0590	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,933.42	140.15
33 14 13 13-0591	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,857.57	145.37
33 14 13 13-0592	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,136.17	151.46
33 14 13 13-0593	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,032.77	161.05
33 14 13 13-0594	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,663.21	161.05
33 14 13 13-0595	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,939.69	166.26
33 14 13 13-0596	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,484.68	172.36
33 14 13 13-0597	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,595.14	177.58
33 14 13 13-0598	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,447.10	187.16
33 14 13 13-0599	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,210.31	201.09
33 14 13 13-0600	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,770.32	206.31
33 14 13 13-0601	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,065.00	211.54
33 14 13 13-0602	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,349.73	216.76
33 14 13 13-0603	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,658.34	222.85
33 14 13 13-0604	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,707.02	232.43
33 14 13 13-0605	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,762.62	245.48
33 14 13 13-0606	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,324.39	268.12
33 14 13 13-0607	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,448.73	295.11
33 14 13 13-0608	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,546.33	301.20
33 14 13 13-0609	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,004.58	306.42
33 14 13 13-0610	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,458.83	312.51
33 14 13 13-0611	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,510.73	322.09
33 14 13 13-0612	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,571.70	335.15
33 14 13 13-0613	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,469.05	357.78
33 14 13 13-0614	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,099.75	402.17
33 14 13 13-0615	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,396.59	383.89
33 14 13 13-0616	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,466.36	389.99
33 14 13 13-0617	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,104.55	395.21
33 14 13 13-0618	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,394.92	401.31
33 14 13 13-0619	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,406.48	410.88
33 14 13 13-0620	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,243.94	423.94
33 14 13 13-0621	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,236.62	446.57
33 14 13 13-0622	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,148.30	491.84
33 14 13 13-0623	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,959.45	536.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0624		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee *(33 14 13 13-0439)*		
33 14 13 13-0625	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	685.94	85.10
33 14 13 13-0626	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	851.00	96.99
33 14 13 13-0627	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,213.02	103.59
33 14 13 13-0628	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,395.37	114.91
33 14 13 13-0629	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,841.88	134.06
33 14 13 13-0630	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,243.36	161.05
33 14 13 13-0631	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,651.08	206.31
33 14 13 13-0632	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,567.26	295.11
33 14 13 13-0633	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	4,167.04	383.89
33 14 13 13-0634		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross *(33 14 13 13-0439)*		
33 14 13 13-0635	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	387.66	65.70
33 14 13 13-0636	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	482.13	71.49
33 14 13 13-0637	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	599.28	72.29
33 14 13 13-0638	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	638.11	89.62
33 14 13 13-0639	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	745.11	96.99
33 14 13 13-0640	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	825.62	120.79
33 14 13 13-0641	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	792.06	106.14
33 14 13 13-0642	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	934.69	129.93
33 14 13 13-0643	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	927.00	139.08
33 14 13 13-0644	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	928.76	111.43
33 14 13 13-0645	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,042.85	134.06
33 14 13 13-0646	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,235.83	142.77
33 14 13 13-0647	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,338.56	153.21
33 14 13 13-0648	EA	12 x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,189.58	121.00
33 14 13 13-0649	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,377.57	143.63
33 14 13 13-0650	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,494.53	152.34
33 14 13 13-0651	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,740.77	162.79
33 14 13 13-0652	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,985.52	172.36
33 14 13 13-0653	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,049.44	157.57
33 14 13 13-0654	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,426.66	166.26
33 14 13 13-0655	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,486.54	177.58
33 14 13 13-0656	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,624.19	186.29
33 14 13 13-0657	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,907.29	201.09
33 14 13 13-0658	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,294.11	178.46
33 14 13 13-0659	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,622.04	186.29
33 14 13 13-0660	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,157.47	197.60
33 14 13 13-0661	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,528.62	207.18
33 14 13 13-0662	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,281.89	221.11
33 14 13 13-0663	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,470.85	241.14
33 14 13 13-0664	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,945.60	210.66
33 14 13 13-0665	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,173.95	219.37
33 14 13 13-0666	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,369.86	229.82
33 14 13 13-0667	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,745.29	239.39
33 14 13 13-0668	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,555.32	253.32
33 14 13 13-0669	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,910.30	273.34
33 14 13 13-0670	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,174.81	306.42
33 14 13 13-0671	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,960.83	264.63
33 14 13 13-0672	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,191.31	272.47
33 14 13 13-0673	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,349.73	283.79
33 14 13 13-0674	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,721.96	293.37
33 14 13 13-0675	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,816.53	307.29
33 14 13 13-0676	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,067.96	327.31
33 14 13 13-0677	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,332.48	359.52
33 14 13 13-0678	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,917.14	413.49
33 14 13 13-0679	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,785.66	330.80
33 14 13 13-0680	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,943.58	339.49
33 14 13 13-0681	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,209.90	349.94
33 14 13 13-0682	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,439.69	359.52
33 14 13 13-0683	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,568.53	373.45
33 14 13 13-0684	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,851.73	393.48
33 14 13 13-0685	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,451.12	426.55
33 14 13 13-0686	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,998.29	479.65
33 14 13 13-0687	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,105.53	545.81
33 14 13 13-0688		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0439)*		
33 14 13 13-0689	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	273.72	35.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0690	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	381.70	44.80
33 14 13 13-0691	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	419.31	47.58
33 14 13 13-0692	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	548.50	53.98
33 14 13 13-0693	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	571.77	63.13
33 14 13 13-0694	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	669.61	56.58
33 14 13 13-0695	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	701.94	65.29
33 14 13 13-0696	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	731.01	71.38
33 14 13 13-0697	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	773.63	62.68
33 14 13 13-0698	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	856.31	71.38
33 14 13 13-0699	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	871.44	76.60
33 14 13 13-0700	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	910.91	82.69
33 14 13 13-0701	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,333.40	80.96
33 14 13 13-0702	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,342.12	86.18
33 14 13 13-0703	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,171.65	92.28
33 14 13 13-0704	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,196.43	97.49
33 14 13 13-0705	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,597.86	94.02
33 14 13 13-0706	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,551.96	100.11
33 14 13 13-0707	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,459.68	105.34
33 14 13 13-0708	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,443.76	110.55
33 14 13 13-0709	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,631.67	120.13
33 14 13 13-0710	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,741.35	121.88
33 14 13 13-0711	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,961.83	127.97
33 14 13 13-0712	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,876.29	133.19
33 14 13 13-0713	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,239.84	142.77
33 14 13 13-0714	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,967.72	156.69
33 14 13 13-0715	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,319.93	167.14
33 14 13 13-0716	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,339.06	172.36
33 14 13 13-0717	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,129.26	178.46
33 14 13 13-0718	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,129.74	188.03
33 14 13 13-0719	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,081.47	201.09
33 14 13 13-0720	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,459.37	223.72
33 14 13 13-0721	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,925.05	222.85
33 14 13 13-0722	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,969.45	232.43
33 14 13 13-0723	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,023.99	245.48
33 14 13 13-0724	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,983.11	268.12
33 14 13 13-0725	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,441.73	312.51

33 14 13 13-0726 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps *(33 14 13 13-0439)*

33 14 13 13-0727	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	261.11	75.49
33 14 13 13-0728	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	314.13	88.75
33 14 13 13-0729	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	454.80	110.72
33 14 13 13-0730	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	604.07	126.27
33 14 13 13-0731	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	809.62	191.51
33 14 13 13-0732	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,012.73	208.92
33 14 13 13-0733	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,149.34	229.82
33 14 13 13-0734	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,392.60	255.06
33 14 13 13-0735	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,628.40	287.26
33 14 13 13-0736	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,959.40	328.18
33 14 13 13-0737	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,502.86	383.03

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0738		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug *(33 14 13 13-0439)*		
33 14 13 13-0739	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	262.18	75.49
33 14 13 13-0740	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	324.85	88.75
33 14 13 13-0741	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	482.65	110.72
33 14 13 13-0742	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	631.92	126.27
33 14 13 13-0743	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	969.21	191.51
33 14 13 13-0744	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,049.14	208.92
33 14 13 13-0745	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,381.75	229.82
33 14 13 13-0746	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,661.43	255.06
33 14 13 13-0747	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,972.20	287.26
33 14 13 13-0748	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,424.23	328.18
33 14 13 13-0749	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	3,164.76	383.03
33 14 13 13-0750		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0439)*		
33 14 13 13-0751	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	359.14	114.74
33 14 13 13-0752	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	470.13	132.67
33 14 13 13-0753	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	642.56	166.53
33 14 13 13-0754	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	837.02	189.41
33 14 13 13-0755	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,236.40	287.26
33 14 13 13-0756	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,468.75	313.38
33 14 13 13-0757	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,903.95	344.72
33 14 13 13-0758	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,159.05	383.03
33 14 13 13-0759	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,814.24	430.91
33 14 13 13-0760	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,262.02	492.71
33 14 13 13-0761	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,943.32	574.54
33 14 13 13-0762		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0439)*		
33 14 13 13-0763	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	371.99	114.74
33 14 13 13-0764	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	454.07	132.67
33 14 13 13-0765	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	660.77	166.53
33 14 13 13-0766	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	886.29	189.41
33 14 13 13-0767	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,167.85	287.26
33 14 13 13-0768	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,404.48	313.38
33 14 13 13-0769	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,766.86	344.72
33 14 13 13-0770	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,086.22	383.03
33 14 13 13-0771	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,484.36	430.91
33 14 13 13-0772	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,890.37	492.71
33 14 13 13-0773	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,602.73	574.54
33 14 13 13-0774		Push-On Joint Ductile Iron Piping *(33 14 13 13-0001)*		
33 14 13 13-0775		Push-On Joint Ductile Iron Pipe *(33 14 13 13-0774)*		
		Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		
33 14 13 13-0776	LF	4", Class 50, Push-On Joint Ductile Iron Pipe	24.09	7.55
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*8.86*	
		For Cement Mortar Lining (CML), Add	*1.27*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*6.83*	
		For Fusion Bonded Epoxy Lining (206N), Add	*2.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*0.95*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.20*	
		For Class 51, Add	*1.23*	
		For Class 52, Add	*2.75*	
		For Class 53, Add	*7.21*	
		For Class 54, Add	*10.27*	
		For Class 55, Add	*11.83*	
		For Class 56, Add	*13.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0777	LF	6", Class 50, Push-On Joint Ductile Iron Pipe	26.43	8.33
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*9.72*	
		For Cement Mortar Lining (CML), Add	*1.39*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*7.50*	
		For Fusion Bonded Epoxy Lining (206N), Add	*2.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.04*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.32*	
		For Class 51, Add	*1.36*	
		For Class 52, Add	*3.02*	
		For Class 53, Add	*7.91*	
		For Class 54, Add	*11.27*	
		For Class 55, Add	*12.99*	
		For Class 56, Add	*14.67*	
33 14 13 13-0778	LF	8", Class 50, Push-On Joint Ductile Iron Pipe	32.71	9.15
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*13.29*	
		For Cement Mortar Lining (CML), Add	*1.90*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*10.25*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.42*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-1.64*	
		For Class 51, Add	*1.81*	
		For Class 52, Add	*4.05*	
		For Class 53, Add	*10.69*	
		For Class 54, Add	*15.23*	
		For Class 55, Add	*17.53*	
		For Class 56, Add	*19.79*	
33 14 13 13-0779	LF	10", Class 50, Push-On Joint Ductile Iron Pipe	46.37	12.97
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*16.07*	
		For Cement Mortar Lining (CML), Add	*2.68*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*13.39*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.01*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.32*	
		For Class 51, Add	*2.56*	
		For Class 52, Add	*5.71*	
		For Class 53, Add	*15.09*	
		For Class 54, Add	*21.50*	
		For Class 55, Add	*24.75*	
		For Class 56, Add	*27.94*	
33 14 13 13-0780	LF	12", Class 50, Push-On Joint Ductile Iron Pipe	53.69	14.36
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*15.96*	
		For Cement Mortar Lining (CML), Add	*3.19*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*12.77*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.39*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.68*	
		For Class 51, Add	*3.03*	
		For Class 52, Add	*6.77*	
		For Class 53, Add	*17.92*	
		For Class 54, Add	*25.55*	
		For Class 55, Add	*29.40*	
		For Class 56, Add	*33.19*	
33 14 13 13-0781	LF	14", Class 50, Push-On Joint Ductile Iron Pipe	65.15	16.19
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*17.90*	
		For Cement Mortar Lining (CML), Add	*4.07*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*13.83*	
		For Fusion Bonded Epoxy Lining (206N), Add	*7.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.05*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.26*	
		For Class 51, Add	*3.82*	
		For Class 52, Add	*8.55*	
		For Class 53, Add	*22.72*	
		For Class 54, Add	*32.41*	
		For Class 55, Add	*37.27*	
		For Class 56, Add	*42.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0782	LF	16", Class 50, Push-On Joint Ductile Iron Pipe	77.07	18.46
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*20.14*	
		For Cement Mortar Lining (CML), Add	*4.91*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*15.23*	
		For Fusion Bonded Epoxy Lining (206N), Add	*8.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.68*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.85*	
		For Class 51, Add	*4.59*	
		For Class 52, Add	*10.28*	
		For Class 53, Add	*27.38*	
		For Class 54, Add	*39.05*	
		For Class 55, Add	*44.91*	
		For Class 56, Add	*50.66*	
33 14 13 13-0783	LF	18", Class 50, Push-On Joint Ductile Iron Pipe	89.70	21.59
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*23.39*	
		For Cement Mortar Lining (CML), Add	*5.71*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*17.69*	
		For Fusion Bonded Epoxy Lining (206N), Add	*10.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.28*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.49*	
		For Class 51, Add	*5.33*	
		For Class 52, Add	*11.95*	
		For Class 53, Add	*31.80*	
		For Class 54, Add	*45.36*	
		For Class 55, Add	*52.17*	
		For Class 56, Add	*58.85*	
33 14 13 13-0784	LF	20", Class 50, Push-On Joint Ductile Iron Pipe	103.71	25.85
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*24.53*	
		For Cement Mortar Lining (CML), Add	*6.45*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*18.07*	
		For Fusion Bonded Epoxy Lining (206N), Add	*11.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.84*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.19*	
		For Class 51, Add	*6.06*	
		For Class 52, Add	*13.57*	
		For Class 53, Add	*36.06*	
		For Class 54, Add	*51.42*	
		For Class 55, Add	*59.15*	
		For Class 56, Add	*66.74*	
33 14 13 13-0785	LF	24", Class 50, Push-On Joint Ductile Iron Pipe	131.13	32.29
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*25.46*	
		For Cement Mortar Lining (CML), Add	*8.21*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*17.25*	
		For Fusion Bonded Epoxy Lining (206N), Add	*14.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.16*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.56*	
		For Class 51, Add	*7.70*	
		For Class 52, Add	*17.25*	
		For Class 53, Add	*45.85*	
		For Class 54, Add	*65.39*	
		For Class 55, Add	*75.21*	
		For Class 56, Add	*84.85*	

33 14 13 13-0786 Push-On Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0774)*

33 14 13 13-0787	EA	4" 90 Degree Elbow, Push-On Joint Ductile Iron	153.47	29.46
		For Cement Mortar Lining (CML), Add	*10.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0788	EA	6" 90 Degree Elbow, Push-On Joint Ductile Iron	222.74	43.47
		For Cement Mortar Lining (CML), Add	*15.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0789	EA	8" 90 Degree Elbow, Push-On Joint Ductile Iron	295.83	51.61
		For Cement Mortar Lining (CML), Add	*21.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*39.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.32*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0790	EA	10" 90 Degree Elbow, Push-On Joint Ductile Iron	447.41	57.28
		For Cement Mortar Lining (CML), Add	*32.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0791	EA	12" 90 Degree Elbow, Push-On Joint Ductile Iron	574.09	67.20
		For Cement Mortar Lining (CML), Add	*43.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*78.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0792	EA	14" 90 Degree Elbow, Push-On Joint Ductile Iron	1,110.31	75.39
		For Cement Mortar Lining (CML), Add	*95.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*171.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*71.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0793	EA	16" 90 Degree Elbow, Push-On Joint Ductile Iron	1,255.58	86.18
		For Cement Mortar Lining (CML), Add	*107.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*193.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*80.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0794	EA	18" 90 Degree Elbow, Push-On Joint Ductile Iron	1,949.71	120.65
		For Cement Mortar Lining (CML), Add	*170.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*306.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*127.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0795	EA	20" 90 Degree Elbow, Push-On Joint Ductile Iron	2,198.22	152.08
		For Cement Mortar Lining (CML), Add	*189.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*340.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0796	EA	24" 90 Degree Elbow, Push-On Joint Ductile Iron	2,744.91	190.12
		For Cement Mortar Lining (CML), Add	*236.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*425.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*177.36*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0797 Push-On Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0774)*

33 14 13 13-0798	EA	4" 45 Degree Elbow, Push-On Joint Ductile Iron	128.72	29.46
		For Cement Mortar Lining (CML), Add	*8.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0799	EA	6" 45 Degree Elbow, Push-On Joint Ductile Iron	189.47	43.47
		For Cement Mortar Lining (CML), Add	*12.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0800	EA	8" 45 Degree Elbow, Push-On Joint Ductile Iron	260.03	51.61
		For Cement Mortar Lining (CML), Add	*18.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0801	EA	10" 45 Degree Elbow, Push-On Joint Ductile Iron	397.99	57.28
		For Cement Mortar Lining (CML), Add	*27.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0802	EA	12" 45 Degree Elbow, Push-On Joint Ductile Iron	511.11	67.20
		For Cement Mortar Lining (CML), Add	*37.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*67.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.92*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0803	EA	14" 45 Degree Elbow, Push-On Joint Ductile Iron	717.06	75.39
		For Cement Mortar Lining (CML), Add	*56.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*101.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*42.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0804	EA	16" 45 Degree Elbow, Push-On Joint Ductile Iron	1,049.66	86.18
		For Cement Mortar Lining (CML), Add	*87.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*156.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0805	EA	18" 45 Degree Elbow, Push-On Joint Ductile Iron	1,217.16	120.65
		For Cement Mortar Lining (CML), Add	*96.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*174.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*72.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0806	EA	20" 45 Degree Elbow, Push-On Joint Ductile Iron	1,696.68	152.08
		For Cement Mortar Lining (CML), Add	*139.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*250.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*104.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0807	EA	24" 45 Degree Elbow, Push-On Joint Ductile Iron	2,106.12	190.12
		For Cement Mortar Lining (CML), Add	*172.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*310.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0808		Push-On Joint Ductile Iron Tee *(33 14 13 13-0774)*		
33 14 13 13-0809	EA	4" Tee, Push-On Joint Ductile Iron	234.14	43.47
		For Cement Mortar Lining (CML), Add	*16.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0810	EA	6" Tee, Push-On Joint Ductile Iron	327.05	63.87
		For Cement Mortar Lining (CML), Add	*23.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0811	EA	8" Tee, Push-On Joint Ductile Iron	443.81	77.41
		For Cement Mortar Lining (CML), Add	*32.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*58.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0812	EA	10" Tee, Push-On Joint Ductile Iron	644.19	87.05
		For Cement Mortar Lining (CML), Add	*51.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*92.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0813	EA	12" Tee, Push-On Joint Ductile Iron	800.06	100.37
		For Cement Mortar Lining (CML), Add	*64.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*116.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*48.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0814	EA	14" Tee, Push-On Joint Ductile Iron	1,275.39	120.65
		For Cement Mortar Lining (CML), Add	*109.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*196.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0815	EA	16" Tee, Push-On Joint Ductile Iron	1,836.00	150.86
		For Cement Mortar Lining (CML), Add	*160.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*289.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*120.56*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0816	EA	18" Tee, Push-On Joint Ductile Iron	2,311.38	201.26
		For Cement Mortar Lining (CML), Add	*200.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*361.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0817	EA	20" Tee, Push-On Joint Ductile Iron	2,726.43	245.57
		For Cement Mortar Lining (CML), Add	*235.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*423.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*176.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0818	EA	24" Tee, Push-On Joint Ductile Iron	3,566.29	306.94
		For Cement Mortar Lining (CML), Add	*310.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*558.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.59*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0819 Flanged End x Push-On Joint Ductile Iron Adapters *(33 14 13 13-0774)*

33 14 13 13-0820	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	291.99	102.21
		For Cement Mortar Lining (CML), Add	*13.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*24.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0821	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	357.95	126.54
		For Cement Mortar Lining (CML), Add	*16.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*29.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0822	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	462.63	147.59
		For Cement Mortar Lining (CML), Add	*23.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*43.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0823	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	638.13	215.45
		For Cement Mortar Lining (CML), Add	*31.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0824	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	767.88	246.26
		For Cement Mortar Lining (CML), Add	*39.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0825	EA	14" Flanged End x Push-On Joint Adapter, Ductile Iron	879.70	265.16
		For Cement Mortar Lining (CML), Add	*47.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*86.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0826	EA	16" Flanged End x Push-On Joint Adapter, Ductile Iron	1,037.85	287.26
		For Cement Mortar Lining (CML), Add	*60.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*108.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*45.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0827	EA	18" Flanged End x Push-On Joint Adapter, Ductile Iron	1,228.80	344.72
		For Cement Mortar Lining (CML), Add	*70.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*127.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*52.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0828	EA	20" Flanged End x Push-On Joint Adapter, Ductile Iron	1,421.89	383.03
		For Cement Mortar Lining (CML), Add	*84.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*151.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*63.12*	
		Note: ANSI/AWWA C151/A21.51		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0829	EA	24" Flanged End x Push-On Joint Adapter, Ductile Iron	1,770.91	441.96
		For Cement Mortar Lining (CML), Add	*110.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*198.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*82.60*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0830 Push-On Joint Ductile Iron Pipe And Fitting Restraints *(33 14 13 13-0774)*

Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.

33 14 13 13-0831	EA	4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	33.25	15.91
33 14 13 13-0832	EA	6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	44.16	20.76
33 14 13 13-0833	EA	8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	57.85	21.31
33 14 13 13-0834	EA	10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	67.30	22.62
33 14 13 13-0835	EA	12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	79.28	25.13
33 14 13 13-0836	EA	14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	98.56	28.27
33 14 13 13-0837	EA	16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	115.83	32.31
33 14 13 13-0838	EA	18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	129.94	35.01
33 14 13 13-0839	EA	20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	152.03	42.01
33 14 13 13-0840	EA	24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	179.74	43.63

33 14 13 13-0841 Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series) *(33 14 13 13-0774)*

33 14 13 13-0842	EA	4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400)	176.07	58.76
33 14 13 13-0843	EA	6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600)	230.94	71.73
33 14 13 13-0844	EA	8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800)	296.28	87.49
33 14 13 13-0845	EA	10" Bell Restraint Harness, Ductile Iron (MEGALUG® 17100)	441.12	106.73
33 14 13 13-0846	EA	12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200)	546.69	130.14
33 14 13 13-0847	EA	14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400)	928.31	158.78
33 14 13 13-0848	EA	16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600)	1,062.52	193.78
33 14 13 13-0849	EA	18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800)	1,209.78	236.35
33 14 13 13-0850	EA	20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000)	1,637.31	288.40
33 14 13 13-0851	EA	24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400)	2,084.91	351.77

33 14 13 13-0852 Ductile Iron Pipe Repair *(33 14 13 13-0001)*

See CSI section 33 14 13 13-0002 for mechanical joint fittings.

33 14 13 13-0853 WEKO Seals *(33 14 13 13-0852)*

Note: Internal joint seal.

33 14 13 13-0854	EA	16" WEKO Internal Joint Seal	1,299.83	163.34
		For Extra Wide Seals, Add	*82.37*	
33 14 13 13-0855	EA	18" WEKO Internal Joint Seal	1,384.39	172.47
		For Extra Wide Seals, Add	*83.07*	
33 14 13 13-0856	EA	20" WEKO Internal Joint Seal	1,468.82	181.61
		For Extra Wide Seals, Add	*83.76*	
33 14 13 13-0857	EA	24" WEKO Internal Joint Seal	1,557.15	196.14
		For Extra Wide Seals, Add	*84.86*	

33 14 13 23 Plastic Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 23-0001 AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23)*

Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.

33 14 13 23-0002 AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*

33 14 13 23-0003	LF	4" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	8.02	2.96
33 14 13 23-0004	LF	6" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	11.46	3.59
33 14 13 23-0005	LF	8" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	15.46	4.03
33 14 13 23-0006	LF	10" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	20.10	4.49
33 14 13 23-0007	LF	12" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	25.80	5.02

33 14 13 23-0008 AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*

33 14 13 23-0009	LF	4" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	8.77	2.96
33 14 13 23-0010	LF	6" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	13.02	3.59
33 14 13 23-0011	LF	8" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	18.09	4.03
33 14 13 23-0012	LF	10" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	24.19	4.49
33 14 13 23-0013	LF	12" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	31.51	5.02

33 14 13 23-0014 AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*

33 14 13 23-0015	LF	4" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	9.52	2.96
33 14 13 23-0016	LF	6" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	14.57	3.59
33 14 13 23-0017	LF	8" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	20.72	4.03
33 14 13 23-0018	LF	10" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	28.19	4.49
33 14 13 23-0019	LF	12" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	37.22	5.02

33 14 13 23-0020 AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0001)*

33 14 13 23-0021	LF	18" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	32.64	7.54
33 14 13 23-0022	LF	20" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	39.60	8.97
33 14 13 23-0023	LF	24" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	52.11	10.77
33 14 13 23-0024	LF	30" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	72.90	12.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0025	LF	36" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	98.27	14.36
33 14 13 23-0026	LF	42" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	122.19	15.25
33 14 13 23-0027	LF	48" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	152.41	16.42
33 14 13 23-0028		**AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)*		
33 14 13 23-0029	LF	14" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	24.11	5.65
33 14 13 23-0030	LF	16" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	29.65	6.28
33 14 13 23-0031	LF	18" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	36.59	7.54
33 14 13 23-0032	LF	20" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	44.73	8.97
33 14 13 23-0033	LF	24" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	60.03	10.77
33 14 13 23-0034	LF	30" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	84.26	12.56
33 14 13 23-0035	LF	36" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	113.48	14.36
33 14 13 23-0036	LF	42" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	147.49	15.25
33 14 13 23-0037	LF	48" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	185.24	16.42
33 14 13 23-0038		**AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)*		
33 14 13 23-0039	LF	14" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	27.15	5.65
33 14 13 23-0040	LF	16" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	33.87	6.28
33 14 13 23-0041	LF	18" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	41.84	7.54
33 14 13 23-0042	LF	20" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	51.54	8.97
33 14 13 23-0043	LF	24" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	69.81	10.77
33 14 13 23-0044	LF	30" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	98.95	12.56
33 14 13 23-0045	LF	36" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	134.91	14.36
33 14 13 23-0046	LF	42" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	172.88	15.25
33 14 13 23-0047	LF	48" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	218.37	16.42
33 14 13 23-0048		**AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)*		
33 14 13 23-0049	LF	14" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	32.35	5.65
33 14 13 23-0050	LF	16" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	40.05	6.28
33 14 13 23-0051	LF	18" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	49.79	7.54
33 14 13 23-0052	LF	20" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	61.15	8.97
33 14 13 23-0053	LF	24" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	83.66	10.77
33 14 13 23-0054	LF	30" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	120.68	12.56
33 14 13 23-0055	LF	36" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	168.34	14.36
33 14 13 23-0056	LF	42" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	221.90	15.25
33 14 13 23-0057	LF	48" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	284.16	16.42
33 14 13 23-0058		**AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)*		
33 14 13 23-0059	LF	14" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	36.27	5.65
33 14 13 23-0060	LF	16" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	45.14	6.28
33 14 13 23-0061	LF	18" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	56.21	7.54
33 14 13 23-0062	LF	20" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	69.14	8.97
33 14 13 23-0063	LF	24" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	95.15	10.77
33 14 13 23-0064	LF	30" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	138.36	12.56
33 14 13 23-0065	LF	36" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	194.17	14.36
33 14 13 23-0066	LF	42" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	257.31	15.25
33 14 13 23-0067		**AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0001)*		
33 14 13 23-0068	LF	14" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	40.07	5.65
33 14 13 23-0069	LF	16" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	50.09	6.28
33 14 13 23-0070	LF	18" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	62.45	7.54
33 14 13 23-0071	LF	20" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	76.92	8.97
33 14 13 23-0072	LF	24" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	106.33	10.77
33 14 13 23-0073	LF	30" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	155.57	12.56
33 14 13 23-0074	LF	36" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	219.30	14.36
33 14 13 23-0075		**AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) Fittings** *(33 14 13 23)* Note: Includes rubber gaskets.		
33 14 13 23-0076		**90 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)** *(33 14 13 23-0075)*		
33 14 13 23-0077	EA	4" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	115.39	10.25
		For DR 25, Deduct	*-5.69*	
33 14 13 23-0078	EA	6" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	230.19	11.54
		For DR 25, Deduct	*-12.43*	
33 14 13 23-0079	EA	8" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	342.88	12.82
		For DR 25, Deduct	*-19.03*	
33 14 13 23-0080	EA	10" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	524.48	20.54
		For DR 25, Deduct	*-29.00*	
33 14 13 23-0081	EA	12" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	595.79	34.24
		For DR 25, Deduct	*-31.64*	
33 14 13 23-0082	EA	14" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,026.73	42.80
		For DR 25, Deduct	*-56.47*	
33 14 13 23-0083	EA	16" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,225.48	51.37
		For DR 25, Deduct	*-67.36*	
33 14 13 23-0084	EA	18" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,090.07	68.49
		For DR 25, Deduct	*-117.19*	
33 14 13 23-0085	EA	20" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,573.79	85.60
		For DR 25, Deduct	*-144.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0086	EA	24" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,255.17	115.56
		For DR 25, Deduct	*-241.44*	

33 14 13 23-0087 45 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0088	EA	4" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	103.00	10.25
		For DR 25, Deduct	*-4.95*	
33 14 13 23-0089	EA	6" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	174.00	11.54
		For DR 25, Deduct	*-9.06*	
33 14 13 23-0090	EA	8" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	219.35	12.82
		For DR 25, Deduct	*-11.62*	
33 14 13 23-0091	EA	10" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	312.03	20.54
		For DR 25, Deduct	*-16.26*	
33 14 13 23-0092	EA	12" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	421.62	34.24
		For DR 25, Deduct	*-21.19*	
33 14 13 23-0093	EA	14" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	795.52	42.80
		For DR 25, Deduct	*-42.59*	
33 14 13 23-0094	EA	16" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,006.42	51.37
		For DR 25, Deduct	*-54.22*	
33 14 13 23-0095	EA	18" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,723.82	68.49
		For DR 25, Deduct	*-95.21*	
33 14 13 23-0096	EA	20" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,141.41	85.60
		For DR 25, Deduct	*-118.21*	
33 14 13 23-0097	EA	24" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,018.55	115.56
		For DR 25, Deduct	*-167.24*	

33 14 13 23-0098 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0099	EA	4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	101.50	10.25
		For DR 25, Deduct	*-4.86*	
33 14 13 23-0100	EA	6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	174.01	11.54
		For DR 25, Deduct	*-9.06*	
33 14 13 23-0101	EA	8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	219.35	12.82
		For DR 25, Deduct	*-11.62*	
33 14 13 23-0102	EA	10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	312.06	20.54
		For DR 25, Deduct	*-16.26*	
33 14 13 23-0103	EA	12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	421.62	34.24
		For DR 25, Deduct	*-21.19*	
33 14 13 23-0104	EA	14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	792.08	41.10
		For DR 25, Deduct	*-42.59*	
33 14 13 23-0105	EA	16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,006.40	51.37
		For DR 25, Deduct	*-54.22*	
33 14 13 23-0106	EA	18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,723.82	68.49
		For DR 25, Deduct	*-95.21*	
33 14 13 23-0107	EA	20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,141.41	85.60
		For DR 25, Deduct	*-118.21*	
33 14 13 23-0108	EA	24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,018.55	115.56
		For DR 25, Deduct	*-167.24*	

33 14 13 23-0109 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0110	EA	4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	90.40	10.25
		For DR 25, Deduct	*-4.19*	
33 14 13 23-0111	EA	6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	174.01	11.54
		For DR 25, Deduct	*-9.06*	
33 14 13 23-0112	EA	8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	219.35	12.82
		For DR 25, Deduct	*-11.62*	
33 14 13 23-0113	EA	10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	312.06	20.54
		For DR 25, Deduct	*-16.26*	
33 14 13 23-0114	EA	12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	421.62	34.24
		For DR 25, Deduct	*-21.19*	
33 14 13 23-0115	EA	14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	792.08	41.10
		For DR 25, Deduct	*-42.59*	
33 14 13 23-0116	EA	16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,006.40	51.37
		For DR 25, Deduct	*-54.22*	
33 14 13 23-0117	EA	18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,723.82	68.49
		For DR 25, Deduct	*-95.21*	
33 14 13 23-0118	EA	20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,141.41	85.60
		For DR 25, Deduct	*-118.21*	
33 14 13 23-0119	EA	24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,018.55	115.56
		For DR 25, Deduct	*-167.24*	

33 14 13 23-0120 Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0121	EA	4" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	136.73	11.54
		For DR 25, Deduct	*-6.82*	
33 14 13 23-0122	EA	6" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	257.98	12.82
		For DR 25, Deduct	*-13.94*	
33 14 13 23-0123	EA	8" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	357.84	14.53
		For DR 25, Deduct	*-19.73*	
33 14 13 23-0124	EA	10" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	735.39	25.68
		For DR 25, Deduct	*-41.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0125	EA	12" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	910.65	51.37
		For DR 25, Deduct	*-48.48*	
33 14 13 23-0126	EA	14" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,625.97	64.21
		For DR 25, Deduct	*-89.86*	
33 14 13 23-0127	EA	16" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,012.34	77.05
		For DR 25, Deduct	*-111.49*	
33 14 13 23-0128	EA	18" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,542.70	102.72
		For DR 25, Deduct	*-140.23*	
33 14 13 23-0129	EA	20" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,056.76	128.41
		For DR 25, Deduct	*-168.00*	
33 14 13 23-0130	EA	24" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,135.60	87.32
		For DR 25, Deduct	*-237.66*	

33 14 13 23-0131 Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0132	EA	6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	259.38	16.67
		For DR 25, Deduct	*-13.56*	
33 14 13 23-0133	EA	8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	349.79	17.95
		For DR 25, Deduct	*-18.83*	
33 14 13 23-0134	EA	8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	358.67	18.59
		For DR 25, Deduct	*-19.29*	
33 14 13 23-0135	EA	10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,466.47	25.68
		For DR 25, Deduct	*-204.91*	
33 14 13 23-0136	EA	10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	626.59	26.33
		For DR 25, Deduct	*-34.44*	
33 14 13 23-0137	EA	10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	669.52	26.96
		For DR 25, Deduct	*-36.94*	
33 14 13 23-0138	EA	12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	716.87	39.38
		For DR 25, Deduct	*-38.29*	
33 14 13 23-0139	EA	12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	819.51	40.02
		For DR 25, Deduct	*-44.37*	
33 14 13 23-0140	EA	12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	868.24	40.66
		For DR 25, Deduct	*-47.21*	
33 14 13 23-0141	EA	12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	886.61	44.52
		For DR 25, Deduct	*-47.85*	
33 14 13 23-0142	EA	14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,332.49	46.23
		For DR 25, Deduct	*-74.40*	
33 14 13 23-0143	EA	14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,385.30	46.87
		For DR 25, Deduct	*-77.49*	
33 14 13 23-0144	EA	14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,438.22	47.52
		For DR 25, Deduct	*-80.59*	
33 14 13 23-0145	EA	14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,497.27	51.37
		For DR 25, Deduct	*-83.67*	
33 14 13 23-0146	EA	14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,562.52	58.21
		For DR 25, Deduct	*-86.77*	
33 14 13 23-0147	EA	16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,662.13	56.50
		For DR 25, Deduct	*-92.95*	
33 14 13 23-0148	EA	16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,713.63	56.50
		For DR 25, Deduct	*-96.04*	
33 14 13 23-0149	EA	16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,766.43	57.14
		For DR 25, Deduct	*-99.13*	
33 14 13 23-0150	EA	16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,819.24	57.79
		For DR 25, Deduct	*-102.22*	
33 14 13 23-0151	EA	16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,892.15	68.49
		For DR 25, Deduct	*-105.31*	
33 14 13 23-0152	EA	16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,950.51	71.91
		For DR 25, Deduct	*-108.40*	
33 14 13 23-0153	EA	18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,056.60	73.63
		For DR 25, Deduct	*-114.56*	
33 14 13 23-0154	EA	18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,109.76	74.26
		For DR 25, Deduct	*-117.67*	
33 14 13 23-0155	EA	18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,162.57	74.91
		For DR 25, Deduct	*-120.77*	
33 14 13 23-0156	EA	18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,221.78	78.76
		For DR 25, Deduct	*-123.86*	
33 14 13 23-0157	EA	18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,286.97	85.60
		For DR 25, Deduct	*-126.95*	
33 14 13 23-0158	EA	18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,344.99	89.03
		For DR 25, Deduct	*-130.02*	
33 14 13 23-0159	EA	18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,419.23	94.17
		For DR 25, Deduct	*-133.85*	
33 14 13 23-0160	EA	20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,606.69	90.74
		For DR 25, Deduct	*-145.51*	
33 14 13 23-0161	EA	20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,695.94	91.38
		For DR 25, Deduct	*-150.79*	
33 14 13 23-0162	EA	20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,731.32	92.02
		For DR 25, Deduct	*-152.84*	
33 14 13 23-0163	EA	20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,773.18	95.88
		For DR 25, Deduct	*-154.89*	
33 14 13 23-0164	EA	20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,820.99	102.72
		For DR 25, Deduct	*-156.93*	
33 14 13 23-0165	EA	20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,883.14	106.15
		For DR 25, Deduct	*-160.25*	
33 14 13 23-0166	EA	20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,948.73	111.29
		For DR 25, Deduct	*-163.57*	
33 14 13 23-0167	EA	20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,002.74	119.85
		For DR 25, Deduct	*-165.78*	

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33 14 13 23-0168	EA	24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,078.23	120.71
		For DR 25, Deduct	*-170.21*	
33 14 13 23-0169	EA	24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,116.43	121.35
		For DR 25, Deduct	*-172.42*	
33 14 13 23-0170	EA	24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,154.61	121.99
		For DR 25, Deduct	*-174.64*	
33 14 13 23-0171	EA	24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,312.36	125.84
		For DR 25, Deduct	*-183.64*	
33 14 13 23-0172	EA	24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,476.09	132.69
		For DR 25, Deduct	*-192.64*	
33 14 13 23-0173	EA	24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,632.99	136.12
		For DR 25, Deduct	*-201.65*	
33 14 13 23-0174	EA	24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,793.32	141.25
		For DR 25, Deduct	*-210.65*	
33 14 13 23-0175	EA	24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,960.49	149.81
		For DR 25, Deduct	*-219.65*	
33 14 13 23-0176	EA	24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,127.66	158.37
		For DR 25, Deduct	*-228.66*	

33 14 13 23-0177 Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0178	EA	4" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	192.57	20.51
		For DR 25, Deduct	*-9.09*	
33 14 13 23-0179	EA	6" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	336.98	23.08
		For DR 25, Deduct	*-17.45*	
33 14 13 23-0180	EA	8" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	462.46	25.64
		For DR 25, Deduct	*-24.67*	
33 14 13 23-0181	EA	10" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	936.83	41.10
		For DR 25, Deduct	*-51.28*	
33 14 13 23-0182	EA	12" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,112.84	51.37
		For DR 25, Deduct	*-60.61*	
33 14 13 23-0183	EA	14" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,009.05	68.49
		For DR 25, Deduct	*-112.32*	
33 14 13 23-0184	EA	16" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,493.58	85.60
		For DR 25, Deduct	*-139.35*	
33 14 13 23-0185	EA	18" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,195.93	136.97
		For DR 25, Deduct	*-175.32*	
33 14 13 23-0186	EA	20" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,842.41	171.21
		For DR 25, Deduct	*-210.00*	
33 14 13 23-0187	EA	24" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,413.19	231.14
		For DR 25, Deduct	*-297.06*	

33 14 13 23-0188 Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0189	EA	6" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	326.38	21.80
		For DR 25, Deduct	*-16.97*	
33 14 13 23-0190	EA	8" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	439.00	23.08
		For DR 25, Deduct	*-23.57*	
33 14 13 23-0191	EA	8" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	450.67	24.35
		For DR 25, Deduct	*-24.12*	
33 14 13 23-0192	EA	10" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	672.56	30.81
		For DR 25, Deduct	*-36.66*	
33 14 13 23-0193	EA	10" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	781.72	32.10
		For DR 25, Deduct	*-43.05*	
33 14 13 23-0194	EA	10" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	857.51	33.38
		For DR 25, Deduct	*-47.44*	
33 14 13 23-0195	EA	12" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	886.93	44.52
		For DR 25, Deduct	*-47.87*	
33 14 13 23-0196	EA	12" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,015.90	45.80
		For DR 25, Deduct	*-55.46*	
33 14 13 23-0197	EA	12" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,077.78	47.08
		For DR 25, Deduct	*-59.02*	
33 14 13 23-0198	EA	12" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,106.48	54.79
		For DR 25, Deduct	*-59.81*	
33 14 13 23-0199	EA	14" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,652.77	51.37
		For DR 25, Deduct	*-93.00*	
33 14 13 23-0200	EA	14" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,719.54	52.65
		For DR 25, Deduct	*-96.86*	
33 14 13 23-0201	EA	14" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,787.02	53.93
		For DR 25, Deduct	*-100.75*	
33 14 13 23-0202	EA	14" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,867.08	61.64
		For DR 25, Deduct	*-104.63*	
33 14 13 23-0203	EA	14" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,958.62	75.33
		For DR 25, Deduct	*-108.48*	
33 14 13 23-0204	EA	16" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,059.38	61.64
		For DR 25, Deduct	*-116.17*	
33 14 13 23-0205	EA	16" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,127.01	62.92
		For DR 25, Deduct	*-120.07*	
33 14 13 23-0206	EA	16" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,193.94	64.21
		For DR 25, Deduct	*-123.93*	
33 14 13 23-0207	EA	16" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,273.93	71.91
		For DR 25, Deduct	*-127.81*	
33 14 13 23-0208	EA	16" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,319.61	85.60
		For DR 25, Deduct	*-128.90*	
33 14 13 23-0209	EA	16" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,443.47	92.45
		For DR 25, Deduct	*-135.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0210	EA	18" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,544.54	78.76
		For DR 25, Deduct	*-143.22*	
33 14 13 23-0211	EA	18" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,612.02	80.04
		For DR 25, Deduct	*-147.12*	
33 14 13 23-0212	EA	18" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,679.05	81.33
		For DR 25, Deduct	*-150.98*	
33 14 13 23-0213	EA	18" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,758.07	89.03
		For DR 25, Deduct	*-154.80*	
33 14 13 23-0214	EA	18" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,850.39	102.72
		For DR 25, Deduct	*-158.70*	
33 14 13 23-0215	EA	18" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,928.24	109.58
		For DR 25, Deduct	*-162.55*	
33 14 13 23-0216	EA	18" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,028.61	119.85
		For DR 25, Deduct	*-167.34*	
33 14 13 23-0217	EA	20" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,223.57	95.88
		For DR 25, Deduct	*-181.91*	
33 14 13 23-0218	EA	20" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,335.90	97.17
		For DR 25, Deduct	*-188.49*	
33 14 13 23-0219	EA	20" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,381.42	98.45
		For DR 25, Deduct	*-191.07*	
33 14 13 23-0220	EA	20" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,439.32	106.15
		For DR 25, Deduct	*-193.62*	
33 14 13 23-0221	EA	20" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,509.20	119.85
		For DR 25, Deduct	*-196.17*	
33 14 13 23-0222	EA	20" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,591.57	126.70
		For DR 25, Deduct	*-200.29*	
33 14 13 23-0223	EA	20" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,682.14	136.97
		For DR 25, Deduct	*-204.49*	
33 14 13 23-0224	EA	20" x 18" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,762.36	154.09
		For DR 25, Deduct	*-207.25*	
33 14 13 23-0225	EA	24" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,777.23	125.84
		For DR 25, Deduct	*-211.53*	
33 14 13 23-0226	EA	24" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,846.64	127.13
		For DR 25, Deduct	*-215.54*	
33 14 13 23-0227	EA	24" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,895.52	128.41
		For DR 25, Deduct	*-218.32*	
33 14 13 23-0228	EA	24" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,098.27	136.12
		For DR 25, Deduct	*-229.56*	
33 14 13 23-0229	EA	24" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,313.08	149.81
		For DR 25, Deduct	*-240.81*	
33 14 13 23-0230	EA	24" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,514.15	156.66
		For DR 25, Deduct	*-252.05*	
33 14 13 23-0231	EA	24" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,722.87	166.93
		For DR 25, Deduct	*-263.34*	
33 14 13 23-0232	EA	24" x 18" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,944.09	184.05
		For DR 25, Deduct	*-274.56*	
33 14 13 23-0233	EA	24" x 20" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,166.10	201.18
		For DR 25, Deduct	*-285.83*	

33 14 13 23-0234 Couplings, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0235	EA	4" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	71.61	10.25
		For DR 25, Deduct	*-3.07*	
33 14 13 23-0236	EA	6" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	128.55	11.54
		For DR 25, Deduct	*-6.33*	
33 14 13 23-0237	EA	8" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	154.05	12.82
		For DR 25, Deduct	*-7.70*	
33 14 13 23-0238	EA	10" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	220.71	20.54
		For DR 25, Deduct	*-10.78*	
33 14 13 23-0239	EA	12" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	346.49	25.68
		For DR 25, Deduct	*-17.71*	
33 14 13 23-0240	EA	14" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	594.38	34.24
		For DR 25, Deduct	*-31.55*	
33 14 13 23-0241	EA	16" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	705.56	42.80
		For DR 25, Deduct	*-37.20*	
33 14 13 23-0242	EA	18" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,666.82	68.49
		For DR 25, Deduct	*-91.79*	
33 14 13 23-0243	EA	20" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,874.41	85.60
		For DR 25, Deduct	*-102.19*	
33 14 13 23-0244	EA	24" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,635.96	115.56
		For DR 25, Deduct	*-144.29*	

33 14 13 23-0245 Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) *(33 14 13 23-0075)*

33 14 13 23-0246	EA	4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	87.17	10.25
		For DR 25, Deduct	*-4.00*	
33 14 13 23-0247	EA	6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	116.88	11.54
		For DR 25, Deduct	*-5.63*	
33 14 13 23-0248	EA	8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	167.34	12.82
		For DR 25, Deduct	*-8.50*	
33 14 13 23-0249	EA	10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	231.08	20.54
		For DR 25, Deduct	*-11.40*	
33 14 13 23-0250	EA	12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	371.16	34.24
		For DR 25, Deduct	*-18.16*	
33 14 13 23-0251	EA	14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	952.55	41.10
		For DR 25, Deduct	*-52.22*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0252	EA	16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,286.62	51.37
		For DR 25, Deduct	*-71.03*	
33 14 13 23-0253	EA	18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,588.72	68.49
		For DR 25, Deduct	*-87.11*	
33 14 13 23-0254	EA	20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,900.57	85.60
		For DR 25, Deduct	*-103.76*	
33 14 13 23-0255	EA	24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,581.39	115.56
		For DR 25, Deduct	*-141.02*	

33 14 13 23-0256 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping *(33 14 13 23)*

33 14 13 23-0257 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe *(33 14 13 23-0256)*

33 14 13 23-0258	LF	3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	1.95	0.69
		For >1,000, Deduct	*-0.10*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.04*	
33 14 13 23-0259	LF	1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.15	0.74
		For >1,000, Deduct	*-0.11*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.05*	
33 14 13 23-0260	LF	1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.51	0.80
		For >1,000, Deduct	*-0.13*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.08*	
33 14 13 23-0261	LF	1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.90	0.89
		For >1,000, Deduct	*-0.15*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.10*	
33 14 13 23-0262	LF	2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.74	0.99
		For >1,000, Deduct	*-0.19*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.19*	
33 14 13 23-0263	LF	2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	4.82	1.13
		For >1,000, Deduct	*-0.24*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.30*	
33 14 13 23-0264	LF	3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	5.86	1.26
		For >1,000, Deduct	*-0.29*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.41*	
33 14 13 23-0265	LF	4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	8.32	1.55
		For >1,000, Deduct	*-0.42*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.67*	
33 14 13 23-0266	LF	6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	14.63	1.97
		For >1,000, Deduct	*-0.73*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.46*	
33 14 13 23-0267	LF	8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	23.30	2.74
		For >1,000, Deduct	*-1.17*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*2.47*	
33 14 13 23-0268	LF	10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	34.74	3.66
		For >1,000, Deduct	*-1.74*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*3.84*	
33 14 13 23-0269	LF	12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	48.37	4.93
		For >1,000, Deduct	*-2.42*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*5.41*	

33 14 13 23-0270 90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*

33 14 13 23-0271	EA	3/4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	20.78	8.21
33 14 13 23-0272	EA	1" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	26.27	10.25
33 14 13 23-0273	EA	1-1/4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	33.09	12.82
33 14 13 23-0274	EA	1-1/2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	49.63	14.18
33 14 13 23-0275	EA	2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	53.73	15.89
33 14 13 23-0276	EA	2-1/2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	63.57	18.04
33 14 13 23-0277	EA	3" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	71.13	20.17
33 14 13 23-0278	EA	4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	98.67	24.78
33 14 13 23-0279	EA	6" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	142.02	31.47
33 14 13 23-0280	EA	8" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	229.80	41.32
33 14 13 23-0281	EA	10" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	282.67	55.27
33 14 13 23-0282	EA	12" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	373.69	74.40

33 14 13 23-0283 45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*

33 14 13 23-0284	EA	3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	21.16	8.21
33 14 13 23-0285	EA	1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	26.54	10.25
33 14 13 23-0286	EA	1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	33.25	12.82
33 14 13 23-0287	EA	1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	44.66	14.18
33 14 13 23-0288	EA	2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	54.19	15.89
33 14 13 23-0289	EA	2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	65.45	18.04
33 14 13 23-0290	EA	3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	70.34	20.17
33 14 13 23-0291	EA	4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	96.96	24.78
33 14 13 23-0292	EA	6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	138.57	31.47
33 14 13 23-0293	EA	8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	223.23	41.32
33 14 13 23-0294	EA	10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	255.43	55.27
33 14 13 23-0295	EA	12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	335.99	74.40

33 14 13 23-0296 Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*

33 14 13 23-0297	EA	3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	31.15	12.30
33 14 13 23-0298	EA	1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	39.31	15.47
33 14 13 23-0299	EA	1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	49.29	19.32
33 14 13 23-0300	EA	1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	68.32	21.37
33 14 13 23-0301	EA	2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	77.77	23.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0302	EA	2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	90.52	27.09
33 14 13 23-0303	EA	3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	108.81	30.18
33 14 13 23-0304	EA	4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	142.93	37.19
33 14 13 23-0305	EA	6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	236.83	47.28
33 14 13 23-0306	EA	8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	354.84	61.97
33 14 13 23-0307	EA	10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	421.48	87.91
33 14 13 23-0308	EA	12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	527.33	118.31

33 14 13 23-0309 Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC) *(33 14 13 23-0256)*

33 14 13 23-0310	EA	3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	13.92	5.47
33 14 13 23-0311	EA	1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	18.79	7.35
33 14 13 23-0312	EA	1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	25.08	9.65
33 14 13 23-0313	EA	1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	34.96	10.69
33 14 13 23-0314	EA	2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	38.54	11.88
33 14 13 23-0315	EA	2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	43.85	13.51
33 14 13 23-0316	EA	3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	50.26	15.09
33 14 13 23-0317	EA	4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	68.97	18.56
33 14 13 23-0318	EA	6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	98.59	23.64
33 14 13 23-0319	EA	8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	167.51	30.98
33 14 13 23-0320	EA	10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	200.04	44.00
33 14 13 23-0321	EA	12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	255.04	59.15

33 14 13 23-0322 Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings *(33 14 13 23)*

33 14 13 23-0323 Schedule 40 Polyvinyl Chloride (PVC) Pipe *(33 14 13 23-0322)*

33 14 13 23-0324	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	2.14	0.69
		For >1,000, Deduct	*-0.11*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.06*	
33 14 13 23-0325	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe	2.52	0.74
		For >1,000, Deduct	*-0.13*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.10*	
33 14 13 23-0326	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	3.24	0.89
		For >1,000, Deduct	*-0.16*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.15*	
33 14 13 23-0327	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	3.87	0.99
		For >1,000, Deduct	*-0.19*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.21*	
33 14 13 23-0328	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	5.02	1.13
		For >1,000, Deduct	*-0.25*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.33*	
33 14 13 23-0329	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe	5.99	1.26
		For >1,000, Deduct	*-0.30*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.43*	
33 14 13 23-0330	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	7.98	1.55
		For >1,000, Deduct	*-0.40*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.62*	
33 14 13 23-0331	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe	12.09	1.97
		For >1,000, Deduct	*-0.60*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.08*	

33 14 13 23-0332 90 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0322)*

33 14 13 23-0333	EA	3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	20.92	8.21
33 14 13 23-0334	EA	1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	26.35	10.25
33 14 13 23-0335	EA	1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	36.65	14.18
33 14 13 23-0336	EA	2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	41.40	15.89
33 14 13 23-0337	EA	2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	49.72	18.04
33 14 13 23-0338	EA	3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	55.97	20.17
33 14 13 23-0339	EA	4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	73.30	24.78
33 14 13 23-0340	EA	6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	114.85	31.47

33 14 13 23-0341 45 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0322)*

33 14 13 23-0342	EA	3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	20.89	8.21
33 14 13 23-0343	EA	1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	26.32	10.25
33 14 13 23-0344	EA	1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	36.66	14.18
33 14 13 23-0345	EA	2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	41.27	15.89
33 14 13 23-0346	EA	2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	49.37	18.04
33 14 13 23-0347	EA	3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	55.56	20.17
33 14 13 23-0348	EA	4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	72.46	24.78
33 14 13 23-0349	EA	6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	112.18	31.47

33 14 13 23-0350 Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) *(33 14 13 23-0322)*

33 14 13 23-0351	EA	3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	31.29	12.30
33 14 13 23-0352	EA	1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	39.42	15.47
33 14 13 23-0353	EA	1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	54.80	21.37
33 14 13 23-0354	EA	2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	61.64	23.76
33 14 13 23-0355	EA	2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	74.79	27.09
33 14 13 23-0356	EA	3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	85.66	30.18
33 14 13 23-0357	EA	4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	106.53	37.19
33 14 13 23-0358	EA	6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	174.83	47.28

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0359		**Couplings, Schedule 40 Polyvinyl Chloride (PVC)** *(33 14 13 23-0322)*		
33 14 13 23-0360	EA	3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	13.99	5.47
33 14 13 23-0361	EA	1" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	18.84	7.35
33 14 13 23-0362	EA	1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	27.32	10.69
33 14 13 23-0363	EA	2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	30.80	11.88
33 14 13 23-0364	EA	2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	36.16	13.51
33 14 13 23-0365	EA	3" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	41.35	15.09
33 14 13 23-0366	EA	4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	51.23	18.56
33 14 13 23-0367	EA	6" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	75.53	23.64
33 14 13 23-0368		**Crosses, Schedule 40 Polyvinyl Chloride (PVC)** *(33 14 13 23-0322)*		
33 14 13 23-0369	EA	3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	41.85	16.41
33 14 13 23-0370	EA	1" Cross, Schedule 40 Polyvinyl Chloride (PVC)	52.50	20.59
33 14 13 23-0371	EA	1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	73.06	28.46
33 14 13 23-0372	EA	2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	82.17	31.71
33 14 13 23-0373	EA	2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	99.67	36.07
33 14 13 23-0374	EA	3" Cross, Schedule 40 Polyvinyl Chloride (PVC)	114.14	40.26
33 14 13 23-0375	EA	4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	141.97	49.54
33 14 13 23-0376	EA	6" Cross, Schedule 40 Polyvinyl Chloride (PVC)	232.78	63.02
33 14 13 23-0377		**Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0378		**Schedule 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0377)*		
33 14 13 23-0379	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	2.73	0.74
		For >1,000, Deduct	*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.13*	
33 14 13 23-0380	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	3.66	0.89
		For >1,000, Deduct	*-0.18*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.22*	
33 14 13 23-0381	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.57	0.99
		For >1,000, Deduct	*-0.23*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.31*	
33 14 13 23-0382	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	5.93	1.13
		For >1,000, Deduct	*-0.30*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.47*	
33 14 13 23-0383	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	7.27	1.26
		For >1,000, Deduct	*-0.36*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.62*	
33 14 13 23-0384	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	9.94	1.55
		For >1,000, Deduct	*-0.50*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.91*	
33 14 13 23-0385	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	16.46	1.97
		For >1,000, Deduct	*-0.82*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.73*	
33 14 13 23-0386		**90 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)*		
33 14 13 23-0387	EA	1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	27.44	10.25
33 14 13 23-0388	EA	1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	36.65	14.18
33 14 13 23-0389	EA	2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	42.48	15.89
33 14 13 23-0390	EA	2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	52.03	18.04
33 14 13 23-0391	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	58.12	20.17
33 14 13 23-0392	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	73.81	24.78
33 14 13 23-0393	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	112.40	31.47
33 14 13 23-0394		**45 Degree Elbows, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)*		
33 14 13 23-0395	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	31.90	10.25
33 14 13 23-0396	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	40.94	14.18
33 14 13 23-0397	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	46.61	15.89
33 14 13 23-0398	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	59.77	18.04
33 14 13 23-0399	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	68.20	20.17
33 14 13 23-0400	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	94.07	24.78
33 14 13 23-0401	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	111.05	31.47
33 14 13 23-0402		**Tees Or Wyes, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)*		
33 14 13 23-0403	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	41.70	15.47
33 14 13 23-0404	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	61.72	21.37
33 14 13 23-0405	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	69.89	23.76
33 14 13 23-0406	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	79.16	27.09
33 14 13 23-0407	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	89.84	30.18
33 14 13 23-0408	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	109.55	37.19
33 14 13 23-0409	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	174.72	47.28
33 14 13 23-0410		**Couplings, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)*		
33 14 13 23-0411	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	20.47	7.35
33 14 13 23-0412	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	30.12	10.69
33 14 13 23-0413	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	33.43	11.88
33 14 13 23-0414	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	42.92	13.51
33 14 13 23-0415	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	48.16	15.09
33 14 13 23-0416	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	59.52	18.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0417	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	87.10	23.64
33 14 13 23-0418		**Crosses, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0377)*		
33 14 13 23-0419	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Cross	55.52	20.59
33 14 13 23-0420	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	82.25	28.46
33 14 13 23-0421	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Cross	93.13	31.71
33 14 13 23-0422	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	105.48	36.07
33 14 13 23-0423	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Cross	119.69	40.26
33 14 13 23-0424	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Cross	145.97	49.54
33 14 13 23-0425	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Cross	232.64	63.02
33 14 13 23-0426		**AWWA C906, High Density Polyethylene (HDPE) Pressure Piping** *(33 14 13 23)* Note: ASTM D3350 pipe, ASTM D2657 heat fusion.		
33 14 13 23-0427		**High Density Polyethylene (HDPE) Pressure Pipe** *(33 14 13 23-0426)*		
33 14 13 23-0428	LF	3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	6.09	2.33
		For DR 19 (89 PSI), Add	*0.12*	
		For DR 17 (100 PSI), Add	*0.31*	
		For DR 15.5 (110 PSI), Add	*0.45*	
		For DR 13.5 (128 PSI), Add	*0.70*	
		For DR 11 (160 PSI), Add	*1.13*	
33 14 13 23-0429	LF	4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	10.09	2.96
		For DR 26 (65 PSI), Deduct	*-0.76*	
		For DR 19 (89 PSI), Add	*0.38*	
		For DR 17 (100 PSI), Add	*0.93*	
		For DR 15.5 (110 PSI), Add	*1.36*	
		For DR 13.5 (128 PSI), Add	*2.12*	
		For DR 11 (160 PSI), Add	*3.41*	
33 14 13 23-0430	LF	6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	16.18	3.59
		For DR 26 (65 PSI), Deduct	*-1.65*	
		For DR 19 (89 PSI), Add	*0.81*	
		For DR 17 (100 PSI), Add	*2.00*	
		For DR 15.5 (110 PSI), Add	*2.93*	
		For DR 13.5 (128 PSI), Add	*4.57*	
		For DR 11 (160 PSI), Add	*7.36*	
33 14 13 23-0431	LF	8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	23.36	4.03
		For DR 26 (65 PSI), Deduct	*-2.80*	
		For DR 19 (89 PSI), Add	*1.38*	
		For DR 17 (100 PSI), Add	*3.40*	
		For DR 15.5 (110 PSI), Add	*4.97*	
		For DR 13.5 (128 PSI), Add	*7.76*	
		For DR 11 (160 PSI), Add	*12.49*	
33 14 13 23-0432	LF	10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	32.72	4.49
		For DR 26 (65 PSI), Deduct	*-4.35*	
		For DR 19 (89 PSI), Add	*2.14*	
		For DR 17 (100 PSI), Add	*5.28*	
		For DR 15.5 (110 PSI), Add	*7.73*	
		For DR 13.5 (128 PSI), Add	*12.06*	
		For DR 11 (160 PSI), Add	*19.42*	
33 14 13 23-0433	LF	12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	44.20	50.25
		For DR 26 (65 PSI), Deduct	*-6.28*	
		For DR 19 (89 PSI), Add	*3.08*	
		For DR 17 (100 PSI), Add	*7.61*	
		For DR 15.5 (110 PSI), Add	*11.14*	
		For DR 13.5 (128 PSI), Add	*17.39*	
		For DR 11 (160 PSI), Add	*27.99*	
33 14 13 23-0434	LF	14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	51.47	5.65
		For DR 26 (65 PSI), Deduct	*-7.38*	
		For DR 19 (89 PSI), Add	*3.62*	
		For DR 17 (100 PSI), Add	*8.95*	
		For DR 15.5 (110 PSI), Add	*13.10*	
		For DR 13.5 (128 PSI), Add	*20.45*	
		For DR 11 (160 PSI), Add	*32.91*	
33 14 13 23-0435	LF	16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	65.15	6.28
		For DR 26 (65 PSI), Deduct	*-9.64*	
		For DR 19 (89 PSI), Add	*4.73*	
		For DR 17 (100 PSI), Add	*11.69*	
		For DR 15.5 (110 PSI), Add	*17.11*	
		For DR 13.5 (128 PSI), Add	*26.71*	
		For DR 11 (160 PSI), Add	*42.99*	
33 14 13 23-0436	LF	18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	81.59	7.54
		For DR 26 (65 PSI), Deduct	*-12.18*	
		For DR 19 (89 PSI), Add	*5.98*	
		For DR 17 (100 PSI), Add	*14.77*	
		For DR 15.5 (110 PSI), Add	*21.63*	
		For DR 13.5 (128 PSI), Add	*33.76*	
		For DR 11 (160 PSI), Add	*54.34*	
33 14 13 23-0437	LF	20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	62.43	8.97
		For DR 26 (65 PSI), Deduct	*-8.15*	
		For DR 19 (89 PSI), Add	*4.00*	
		For DR 17 (100 PSI), Add	*9.88*	
		For DR 15.5 (110 PSI), Add	*14.47*	
		For DR 13.5 (128 PSI), Add	*22.59*	
		For DR 11 (160 PSI), Add	*36.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0438	LF	24" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	139.81	10.77
		For DR 26 (65 PSI), Deduct	*-21.68*	
		For DR 19 (89 PSI), Add	*10.64*	
		For DR 17 (100 PSI), Add	*26.28*	
		For DR 15.5 (110 PSI), Add	*38.49*	
		For DR 13.5 (128 PSI), Add	*60.07*	
		For DR 11 (160 PSI), Add	*96.69*	
33 14 13 23-0439		90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*		
33 14 13 23-0440	EA	3" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	52.53	12.82
		For DR 26 (65 PSI), Deduct	*-2.58*	
		For DR 19 (89 PSI), Add	*1.27*	
		For DR 17 (100 PSI), Add	*3.13*	
		For DR 15.5 (110 PSI), Add	*4.58*	
		For DR 13.5 (128 PSI), Add	*7.15*	
		For DR 11 (160 PSI), Add	*11.50*	
33 14 13 23-0441	EA	4" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	59.49	14.26
		For DR 26 (65 PSI), Deduct	*-3.07*	
		For DR 19 (89 PSI), Add	*1.51*	
		For DR 17 (100 PSI), Add	*3.72*	
		For DR 15.5 (110 PSI), Add	*5.45*	
		For DR 13.5 (128 PSI), Add	*8.51*	
		For DR 11 (160 PSI), Add	*13.70*	
33 14 13 23-0442	EA	6" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	93.39	16.29
		For DR 26 (65 PSI), Deduct	*-8.17*	
		For DR 19 (89 PSI), Add	*4.01*	
		For DR 17 (100 PSI), Add	*9.91*	
		For DR 15.5 (110 PSI), Add	*14.51*	
		For DR 13.5 (128 PSI), Add	*22.64*	
		For DR 11 (160 PSI), Add	*36.44*	
33 14 13 23-0443	EA	8" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	150.18	19.01
		For DR 26 (65 PSI), Deduct	*-17.08*	
		For DR 19 (89 PSI), Add	*8.39*	
		For DR 17 (100 PSI), Add	*20.70*	
		For DR 15.5 (110 PSI), Add	*30.32*	
		For DR 13.5 (128 PSI), Add	*47.33*	
		For DR 11 (160 PSI), Add	*76.17*	
33 14 13 23-0444	EA	10" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	231.52	25.39
		For DR 26 (65 PSI), Deduct	*-28.51*	
		For DR 19 (89 PSI), Add	*14.00*	
		For DR 17 (100 PSI), Add	*34.56*	
		For DR 15.5 (110 PSI), Add	*50.61*	
		For DR 13.5 (128 PSI), Add	*78.99*	
		For DR 11 (160 PSI), Add	*127.15*	
33 14 13 23-0445	EA	12" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	341.69	37.99
		For DR 26 (65 PSI), Deduct	*-41.75*	
		For DR 19 (89 PSI), Add	*20.50*	
		For DR 17 (100 PSI), Add	*50.61*	
		For DR 15.5 (110 PSI), Add	*74.11*	
		For DR 13.5 (128 PSI), Add	*115.68*	
		For DR 11 (160 PSI), Add	*186.19*	
33 14 13 23-0446	EA	14" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	423.53	50.70
		For DR 26 (65 PSI), Deduct	*-49.77*	
		For DR 19 (89 PSI), Add	*24.44*	
		For DR 17 (100 PSI), Add	*60.33*	
		For DR 15.5 (110 PSI), Add	*88.35*	
		For DR 13.5 (128 PSI), Add	*137.90*	
		For DR 11 (160 PSI), Add	*221.96*	
33 14 13 23-0447	EA	16" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	553.00	75.99
		For DR 26 (65 PSI), Deduct	*-59.60*	
		For DR 19 (89 PSI), Add	*29.26*	
		For DR 17 (100 PSI), Add	*72.25*	
		For DR 15.5 (110 PSI), Add	*105.80*	
		For DR 13.5 (128 PSI), Add	*165.14*	
		For DR 11 (160 PSI), Add	*265.80*	
33 14 13 23-0448	EA	18" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	698.89	85.47
		For DR 26 (65 PSI), Deduct	*-81.10*	
		For DR 19 (89 PSI), Add	*39.82*	
		For DR 17 (100 PSI), Add	*98.31*	
		For DR 15.5 (110 PSI), Add	*143.98*	
		For DR 13.5 (128 PSI), Add	*224.73*	
		For DR 11 (160 PSI), Add	*361.71*	
33 14 13 23-0449	EA	20" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	959.38	97.01
		For DR 26 (65 PSI), Deduct	*-121.96*	
		For DR 19 (89 PSI), Add	*59.88*	
		For DR 17 (100 PSI), Add	*147.85*	
		For DR 15.5 (110 PSI), Add	*216.51*	
		For DR 13.5 (128 PSI), Add	*337.94*	
		For DR 11 (160 PSI), Add	*543.94*	
33 14 13 23-0450	EA	24" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,230.16	114.02
		For DR 26 (65 PSI), Deduct	*-162.82*	
		For DR 19 (89 PSI), Add	*79.94*	
		For DR 17 (100 PSI), Add	*197.37*	
		For DR 15.5 (110 PSI), Add	*289.04*	
		For DR 13.5 (128 PSI), Add	*451.15*	
		For DR 11 (160 PSI), Add	*726.16*	
33 14 13 23-0451		Tees, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0452	EA	3" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	58.57	13.42
		For DR 26 (65 PSI), Deduct	*-3.37*	
		For DR 19 (89 PSI), Add	*1.66*	
		For DR 17 (100 PSI), Add	*4.09*	
		For DR 15.5 (110 PSI), Add	*5.99*	
		For DR 13.5 (128 PSI), Add	*9.35*	
		For DR 11 (160 PSI), Add	*15.04*	
33 14 13 23-0453	EA	4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	67.21	15.20
		For DR 26 (65 PSI), Deduct	*-3.97*	
		For DR 19 (89 PSI), Add	*1.95*	
		For DR 17 (100 PSI), Add	*4.81*	
		For DR 15.5 (110 PSI), Add	*7.04*	
		For DR 13.5 (128 PSI), Add	*11.00*	
		For DR 11 (160 PSI), Add	*17.70*	
33 14 13 23-0454	EA	6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	109.17	17.54
		For DR 26 (65 PSI), Deduct	*-10.37*	
		For DR 19 (89 PSI), Add	*5.09*	
		For DR 17 (100 PSI), Add	*12.58*	
		For DR 15.5 (110 PSI), Add	*18.42*	
		For DR 13.5 (128 PSI), Add	*28.75*	
		For DR 11 (160 PSI), Add	*46.27*	
33 14 13 23-0455	EA	8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	205.74	20.73
		For DR 26 (65 PSI), Deduct	*-26.32*	
		For DR 19 (89 PSI), Add	*12.92*	
		For DR 17 (100 PSI), Add	*31.91*	
		For DR 15.5 (110 PSI), Add	*46.73*	
		For DR 13.5 (128 PSI), Add	*72.93*	
		For DR 11 (160 PSI), Add	*117.39*	
33 14 13 23-0456	EA	10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	280.37	30.43
		For DR 26 (65 PSI), Deduct	*-34.68*	
		For DR 19 (89 PSI), Add	*17.03*	
		For DR 17 (100 PSI), Add	*42.04*	
		For DR 15.5 (110 PSI), Add	*61.56*	
		For DR 13.5 (128 PSI), Add	*96.09*	
		For DR 11 (160 PSI), Add	*154.66*	
33 14 13 23-0457	EA	12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	395.11	45.65
		For DR 26 (65 PSI), Deduct	*-47.35*	
		For DR 19 (89 PSI), Add	*23.25*	
		For DR 17 (100 PSI), Add	*57.40*	
		For DR 15.5 (110 PSI), Add	*84.06*	
		For DR 13.5 (128 PSI), Add	*131.21*	
		For DR 11 (160 PSI), Add	*211.18*	
33 14 13 23-0458	EA	14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	474.85	57.01
		For DR 26 (65 PSI), Deduct	*-55.71*	
		For DR 19 (89 PSI), Add	*27.35*	
		For DR 17 (100 PSI), Add	*67.53*	
		For DR 15.5 (110 PSI), Add	*98.89*	
		For DR 13.5 (128 PSI), Add	*154.36*	
		For DR 11 (160 PSI), Add	*248.45*	
33 14 13 23-0459	EA	16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	617.43	85.47
		For DR 26 (65 PSI), Deduct	*-66.15*	
		For DR 19 (89 PSI), Add	*32.48*	
		For DR 17 (100 PSI), Add	*80.19*	
		For DR 15.5 (110 PSI), Add	*117.44*	
		For DR 13.5 (128 PSI), Add	*183.30*	
		For DR 11 (160 PSI), Add	*295.04*	
33 14 13 23-0460	EA	18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	800.13	99.57
		For DR 26 (65 PSI), Deduct	*-91.92*	
		For DR 19 (89 PSI), Add	*45.13*	
		For DR 17 (100 PSI), Add	*111.42*	
		For DR 15.5 (110 PSI), Add	*163.18*	
		For DR 13.5 (128 PSI), Add	*254.69*	
		For DR 11 (160 PSI), Add	*409.94*	
33 14 13 23-0461	EA	20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,129.87	117.61
		For DR 26 (65 PSI), Deduct	*-141.71*	
		For DR 19 (89 PSI), Add	*69.58*	
		For DR 17 (100 PSI), Add	*171.78*	
		For DR 15.5 (110 PSI), Add	*251.56*	
		For DR 13.5 (128 PSI), Add	*392.65*	
		For DR 11 (160 PSI), Add	*631.99*	
33 14 13 23-0462	EA	24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,472.06	142.57
		For DR 26 (65 PSI), Deduct	*-191.49*	
		For DR 19 (89 PSI), Add	*94.02*	
		For DR 17 (100 PSI), Add	*232.13*	
		For DR 15.5 (110 PSI), Add	*339.95*	
		For DR 13.5 (128 PSI), Add	*530.60*	
		For DR 11 (160 PSI), Add	*854.04*	

33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping *(33 14 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 14 13 36 Steel Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 36-0001 Steel Piping *(33 14 13 36)*

33 14 13 36-0002 Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0001)*

Note: ASTM A252 steel pipe.

33 14 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	65.14	22.64
		For >1,000, Deduct	*-3.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	74.96	22.64
		For >1,000, Deduct	*-3.75*	
33 14 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	76.04	24.70
		For >1,000, Deduct	*-3.80*	
33 14 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	88.45	24.70
		For >1,000, Deduct	*-4.42*	
33 14 13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	89.40	25.88
		For >1,000, Deduct	*-4.47*	
33 14 13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	99.05	25.88
		For >1,000, Deduct	*-4.95*	
33 14 13 36-0010	LF	14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	106.50	28.61
		For >1,000, Deduct	*-5.33*	
33 14 13 36-0011	LF	14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	114.21	28.61
		For >1,000, Deduct	*-5.71*	
33 14 13 36-0012	LF	16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	112.91	30.19
		For >1,000, Deduct	*-5.65*	
33 14 13 36-0013	LF	16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	118.87	30.19
		For >1,000, Deduct	*-5.94*	
33 14 13 36-0014	LF	18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	137.66	33.96
		For >1,000, Deduct	*-6.88*	
33 14 13 36-0015	LF	20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	147.42	33.96
		For >1,000, Deduct	*-7.37*	

33 14 13 36-0016 5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0017	LF	12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	119.59	44.02
		For >1,000, Deduct	*-5.98*	
33 14 13 36-0018	LF	14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	140.32	48.42
		For >1,000, Deduct	*-7.02*	
33 14 13 36-0019	LF	16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	154.68	50.63
		For >1,000, Deduct	*-7.73*	
33 14 13 36-0020	LF	18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	174.43	57.23
		For >1,000, Deduct	*-8.72*	
33 14 13 36-0021	LF	18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	181.05	57.23
		For >1,000, Deduct	*-9.05*	
33 14 13 36-0022	LF	20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	187.17	57.23
		For >1,000, Deduct	*-9.36*	
33 14 13 36-0023	LF	20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	194.23	57.23
		For >1,000, Deduct	*-9.71*	
33 14 13 36-0024	LF	24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	224.71	66.04
		For >1,000, Deduct	*-11.24*	
33 14 13 36-0025	LF	24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	246.55	66.04
		For >1,000, Deduct	*-12.33*	
33 14 13 36-0026	LF	24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	300.15	66.04
		For >1,000, Deduct	*-15.01*	
33 14 13 36-0027	LF	30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	277.06	77.05
		For >1,000, Deduct	*-13.85*	
33 14 13 36-0028	LF	30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	285.99	77.05
		For >1,000, Deduct	*-14.30*	
33 14 13 36-0029	LF	30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	370.26	77.05
		For >1,000, Deduct	*-18.51*	
33 14 13 36-0030	LF	36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	323.39	77.05
		For >1,000, Deduct	*-16.17*	
33 14 13 36-0031	LF	36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	380.12	92.46
		For >1,000, Deduct	*-19.01*	
33 14 13 36-0032	LF	36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	445.47	92.46
		For >1,000, Deduct	*-22.27*	
33 14 13 36-0033	LF	36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	429.15	92.46
		For >1,000, Deduct	*-21.46*	

33 14 13 36-0034 Flexible Couplings (Dresser Style 38) *(33 14 13 36-0001)*

33 14 13 36-0035	EA	2" Dresser Coupling For Plain End Welded Steel Pipe	103.16	23.28
33 14 13 36-0036	EA	3" Dresser Coupling For Plain End Welded Steel Pipe	150.51	44.78
33 14 13 36-0037	EA	4" Dresser Coupling For Plain End Welded Steel Pipe	200.28	59.11
33 14 13 36-0038	EA	6" Dresser Coupling For Plain End Welded Steel Pipe	320.08	89.55
33 14 13 36-0039	EA	8" Dresser Coupling For Plain End Welded Steel Pipe	419.63	112.83
33 14 13 36-0040	EA	10" Dresser Coupling For Plain End Welded Steel Pipe	566.11	130.57
33 14 13 36-0041	EA	12" Dresser Coupling For Plain End Welded Steel Pipe	670.72	163.66
33 14 13 36-0042	EA	14" Dresser Coupling For Plain End Welded Steel Pipe	722.36	163.66
33 14 13 36-0043	EA	16" Dresser Coupling For Plain End Welded Steel Pipe	762.87	187.16
33 14 13 36-0044	EA	18" Dresser Coupling For Plain End Welded Steel Pipe	836.58	200.22
33 14 13 36-0045	EA	20" Dresser Coupling For Plain End Welded Steel Pipe	912.62	226.34
33 14 13 36-0046	EA	24" Dresser Coupling For Plain End Welded Steel Pipe	1,157.04	239.39
33 14 13 36-0047	EA	30" Dresser Coupling For Plain End Welded Steel Pipe	1,391.17	261.15
33 14 13 36-0048	EA	36" Dresser Coupling For Plain End Welded Steel Pipe	1,633.33	293.79

33 14 13 39 Copper Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 39-0001 Type L Copper Water Distribution Piping *(33 14 13 39)*

33 14 13 39-0002	LF	1/2" Type L Copper Water Distribution Pipe	5.22	1.66
33 14 13 39-0003	LF	3/4" Type L Copper Water Distribution Pipe	6.28	1.87
33 14 13 39-0004	LF	1" Type L Copper Water Distribution Pipe	8.21	2.08
33 14 13 39-0005	LF	1-1/4" Type L Copper Water Distribution Pipe	10.07	2.49
33 14 13 39-0006	LF	1-1/2" Type L Copper Water Distribution Pipe	12.27	3.32
33 14 13 39-0007	LF	2" Type L Copper Water Distribution Pipe	17.22	4.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 39-0008	LF	2-1/2" Type L Copper Water Distribution Pipe	22.18	4.98
33 14 13 39-0009	LF	3" Type L Copper Water Distribution Pipe	27.29	5.47
33 14 13 39-0010	LF	3-1/2" Type L Copper Water Distribution Pipe	36.82	6.88
33 14 13 39-0011	LF	4" Type L Copper Water Distribution Pipe	48.36	8.71
33 14 13 39-0012	LF	5" Type L Copper Water Distribution Pipe	75.43	10.86
33 14 13 39-0013	LF	6" Type L Copper Water Distribution Pipe	96.79	13.11
33 14 13 39-0014	LF	8" Type L Copper Water Distribution Pipe	160.74	14.68
33 14 13 39-0015		Type K Copper Water Distribution Piping *(33 14 13 39)*		
33 14 13 39-0016	LF	1/2" Type K Copper Water Distribution Pipe	5.48	1.66
33 14 13 39-0017	LF	3/4" Type K Copper Water Distribution Pipe	7.19	1.87
33 14 13 39-0018	LF	1" Type K Copper Water Distribution Pipe	9.11	2.08
33 14 13 39-0019	LF	1-1/4" Type K Copper Water Distribution Pipe	10.63	2.49
33 14 13 39-0020	LF	1-1/2" Type K Copper Water Distribution Pipe	13.10	3.32
33 14 13 39-0021	LF	2" Type K Copper Water Distribution Pipe	18.33	4.14
33 14 13 39-0022	LF	2-1/2" Type K Copper Water Distribution Pipe	25.26	4.98
33 14 13 39-0023	LF	3" Type K Copper Water Distribution Pipe	31.91	5.47
33 14 13 39-0024	LF	3-1/2" Type K Copper Water Distribution Pipe	42.25	6.88
33 14 13 39-0025	LF	4" Type K Copper Water Distribution Pipe	56.60	8.71
33 14 13 39-0026	LF	5" Type K Copper Water Distribution Pipe	92.48	10.86
33 14 13 39-0027	LF	6" Type K Copper Water Distribution Pipe	127.44	13.11
33 14 13 39-0028	LF	8" Type K Copper Water Distribution Pipe	217.32	14.68
33 14 13 39-0029		Copper Flare x Female Copper Flare Service Fitting Coupling *(33 14 13 39)* Note: Mueller H-15405		
33 14 13 39-0030	EA	3/4" Copper Flare x Female Copper Flare Service Fitting Coupling	31.26	
33 14 13 39-0031	EA	1" Copper Flare x Female Copper Flare Service Fitting Coupling	44.08	
33 14 13 39-0032	EA	1-1/2" Copper Flare x Female Copper Flare Service Fitting Coupling	103.43	
33 14 13 39-0033	EA	2" Copper Flare x Female Copper Flare Service Fitting Coupling	131.72	
33 14 13 39-0034		Copper Flare x Female Iron Pipe Service Fitting Coupling *(33 14 13 39)* Note: Mueller H-15450		
33 14 13 39-0035	EA	1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling	35.59	
33 14 13 39-0036	EA	3/4" Copper Flare x Female Iron Pipe Service Fitting Coupling	31.39	
33 14 13 39-0037	EA	1" Copper Flare x Female Iron Pipe Service Fitting Coupling	42.95	
33 14 13 39-0038	EA	1-1/4" Copper Flare x Female Iron Pipe Service Fitting Coupling	62.78	
33 14 13 39-0039	EA	1-1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling	80.77	
33 14 13 39-0040	EA	2" Copper Flare x Female Iron Pipe Service Fitting Coupling	127.75	
33 14 13 39-0041		Copper Flare x Male Iron Pipe Service Fitting Coupling *(33 14 13 39)* Note: Mueller H-15425		
33 14 13 39-0042	EA	1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling	30.98	
33 14 13 39-0043	EA	3/4" Copper Flare x Male Iron Pipe Service Fitting Coupling	31.47	
33 14 13 39-0044	EA	1" Copper Flare x Male Iron Pipe Service Fitting Coupling	41.96	
33 14 13 39-0045	EA	1-1/4" Copper Flare x Male Iron Pipe Service Fitting Coupling	62.78	
33 14 13 39-0046	EA	1-1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling	84.36	
33 14 13 39-0047	EA	2" Copper Flare x Male Iron Pipe Service Fitting Coupling	132.20	
33 14 13 39-0048		Brass Fittings *(33 14 13 39)*		
33 14 13 39-0049		Brass Compression Reducer Coupling *(33 14 13 39-0048)*		
33 14 13 39-0050	EA	3/4" x 1" Brass Compression Reducer Coupling	36.65	13.13
33 14 13 39-0051	EA	1" x 3/4" Brass Compression Reducer Coupling	30.55	13.13
33 14 13 39-0052	EA	1-1/2" x 1" Brass Compression Reducer Coupling	59.86	19.94
33 14 13 39-0053	EA	2" x 1-1/2" Brass Compression Reducer Coupling	74.51	25.29
33 14 13 39-0054		Copper Compression x Male NPT Brass Coupling *(33 14 13 39-0048)* Note: A. Y. McDonald 74753Q		
33 14 13 39-0055	EA	3/4" Copper Compression x Male NPT Brass Coupling	38.66	14.59
33 14 13 39-0056	EA	3/4" x 1" Copper Compression x Male NPT Brass Coupling	44.41	17.03
33 14 13 39-0057	EA	1" Copper Compression x Male NPT Brass Coupling	45.29	17.03
33 14 13 39-0058	EA	1" x 3/4" Copper Compression x Male NPT Brass Coupling	44.55	17.03
33 14 13 39-0059	EA	1-1/4" Copper Compression x Male NPT Brass Coupling	58.57	19.46
33 14 13 39-0060	EA	1-1/4" x 1" Copper Compression x Male NPT Brass Coupling	57.23	19.46
33 14 13 39-0061	EA	1-1/2" Copper Compression x Male NPT Brass Coupling	76.77	24.33
33 14 13 39-0062	EA	2" Copper Compression x Male NPT Brass Coupling	99.39	29.18
33 14 13 39-0063		Brass Nipples *(33 14 13 39-0048)*		
33 14 13 39-0064	EA	3/4" x 6" Long Brass Nipple	26.93	6.08
33 14 13 39-0065	EA	1" x 6" Long Brass Nipple	34.66	6.57
33 14 13 39-0066	EA	1-1/2" x 6" Long Brass Nipple	51.95	7.05
33 14 13 39-0067		Brass "H" Style Meter Insetters *(33 14 13 39-0048)*		
33 14 13 39-0068	EA	5/8" x 3/4" Compression End, Brass "H" Style Meter Insetters	243.36	26.86
33 14 13 39-0069	EA	5/8" x 3/4" Threaded End, Brass "H" Style Meter Insetters	153.09	26.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 39-0070		Meter Setters - Resetter, Brass *(33 14 13 39-0048)*		
33 14 13 39-0071	EA	1" Meter, 10" High Brass Meter Setter - Resetter	658.36	26.86
		Note: Male meter thread, bottom inlet/outlet, angle ball valve, top inlet/outlet with meter nuts.		

33 14 13 43 Public Water Utility Distribution Piping Coatings And Wraps *(33 14 13)*

33 14 13 43-0001		Pipe Coatings *(33 14 13 43)*		
33 14 13 43-0002		Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating *(33 14 13 43-0001)*		
		Note: Applied at fabrication shop.		
33 14 13 43-0003	LF	12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	4.40	
33 14 13 43-0004	LF	14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	5.84	
33 14 13 43-0005	LF	16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	6.67	
33 14 13 43-0006	LF	18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	7.01	
33 14 13 43-0007	LF	20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	7.54	
33 14 13 43-0008	LF	24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	8.79	
33 14 13 43-0009	LF	30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	11.54	
33 14 13 43-0010	LF	36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	18.24	
33 14 13 43-0011		Cement Coating With Fiberglass Or Wire Mesh Reinforcing *(33 14 13 43-0001)*		
		Note: Applied at fabrication shop. Thickness ranging between 1" and 2".		
33 14 13 43-0012	LF	4" Diameter Cement Coated Pipe 1" To 2" Mesh	7.64	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0013	LF	6" Diameter Cement Coated Pipe 1" To 2" Mesh	9.40	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0014	LF	8" Diameter Cement Coated Pipe 1" To 2" Mesh	11.75	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0015	LF	10" Diameter Cement Coated Pipe 1" To 2" Mesh	13.09	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0016	LF	12" Diameter Cement Coated Pipe 1" To 2" Mesh	14.78	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0017	LF	14" Diameter Cement Coated Pipe 1" To 2" Mesh	17.30	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0018	LF	16" Diameter Cement Coated Pipe 1" To 2" Mesh	19.66	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0019	LF	18" Diameter Cement Coated Pipe 1" To 2" Mesh	22.18	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0020	LF	20" Diameter Cement Coated Pipe 1" To 2" Mesh	24.65	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0021	LF	24" Diameter Cement Coated Pipe 1" To 2" Mesh	29.57	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0022	LF	30" Diameter Cement Coated Pipe 1" To 2" Mesh	36.96	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0023	LF	36" Diameter Cement Coated Pipe 1" To 2" Mesh	44.35	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0024	LF	42" Diameter Cement Coated Pipe 1" To 2" Mesh	25.10	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0025	LF	48" Diameter Cement Coated Pipe 1" To 2" Mesh	28.68	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0026	LF	54" Diameter Cement Coated Pipe 1" To 2" Mesh	32.27	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0027	LF	60" Diameter Cement Coated Pipe 1" To 2" Mesh	35.85	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0028	LF	66" Diameter Cement Coated Pipe 1" To 2" Mesh	39.44	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0029	LF	72" Diameter Cement Coated Pipe 1" To 2" Mesh	43.02	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0030	LF	78" Diameter Cement Coated Pipe 1" To 2" Mesh	46.61	
		Note: Reinforcing applied at fabrication shop.		
33 14 13 43-0031		Pipe Lining *(33 14 13 43)*		
33 14 13 43-0032		Cement Pipe Lining *(33 14 13 43-0031)*		
		Note: Shop applied.		
33 14 13 43-0033	LF	4" Outside Diameter, 1/4" Thick Cement Pipe Lining	11.28	
		For 1/2" Thick, Add	*1.02*	
33 14 13 43-0034	LF	6" Outside Diameter, 1/4" Thick Cement Pipe Lining	14.00	
		For 1/2" Thick, Add	*1.25*	
33 14 13 43-0035	LF	8" Outside Diameter, 1/4" Thick Cement Pipe Lining	17.11	
		For 1/2" Thick, Add	*1.57*	
33 14 13 43-0036	LF	10" Outside Diameter, 1/4" Thick Cement Pipe Lining	22.16	
		For 1/2" Thick, Add	*1.96*	
33 14 13 43-0037	LF	12" Outside Diameter, 1/4" Thick Cement Pipe Lining	27.24	
		For 1/2" Thick, Add	*2.36*	
33 14 13 43-0038	LF	14" Outside Diameter, 1/4" Thick Cement Pipe Lining	34.66	
		For 1/2" Thick, Add	*2.76*	
33 14 13 43-0039	LF	16" Outside Diameter, 1/4" Thick Cement Pipe Lining	44.65	
		For 1/2" Thick, Add	*3.13*	
33 14 13 43-0040	LF	18" Outside Diameter, 5/16" Thick Cement Pipe Lining	53.23	
		For 1/2" Thick, Add	*3.00*	
33 14 13 43-0041	LF	20" Outside Diameter, 5/16" Thick Cement Pipe Lining	64.08	
		For 1/2" Thick, Add	*3.34*	
33 14 13 43-0042	LF	24" Outside Diameter, 5/16" Thick Cement Pipe Lining	77.67	
		For 1/2" Thick, Add	*4.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0043	LF	30" Outside Diameter, 5/16" Thick Cement Pipe Lining	93.60	
		For 1/2" Thick, Add	*5.01*	
33 14 13 43-0044	LF	36" Outside Diameter, 5/16" Thick Cement Pipe Lining	112.64	
		For 1/2" Thick, Add	*6.01*	
33 14 13 43-0045	LF	42" Outside Diameter, 3/8" Thick Cement Pipe Lining	131.44	
		For 1/2" Thick, Add	*5.15*	
33 14 13 43-0046	LF	48" Outside Diameter, 3/8" Thick Cement Pipe Lining	150.15	
		For 1/2" Thick, Add	*5.89*	
33 14 13 43-0047	LF	54" Outside Diameter, 3/8" Thick Cement Pipe Lining	168.94	
		For 1/2" Thick, Add	*6.63*	
33 14 13 43-0048	LF	60" Outside Diameter, 3/8" Thick Cement Pipe Lining	187.74	
		For 1/2" Thick, Add	*7.36*	
33 14 13 43-0049	LF	66" Outside Diameter, 7/16" Thick Cement Pipe Lining	206.46	
		For 1/2" Thick, Add	*4.32*	
33 14 13 43-0050	LF	72" Outside Diameter, 7/16" Thick Cement Pipe Lining	225.26	
		For 1/2" Thick, Add	*4.71*	
33 14 13 43-0051	LF	78" Outside Diameter, 7/16" Thick Cement Pipe Lining	244.06	
		For 1/2" Thick, Add	*5.10*	

33 14 13 43-0052 Cement Fitting Lining *(33 14 13 43-0031)*

Note: Shop applied.

33 14 13 43-0053	EA	4" Outside Diameter, 1/4" Thick Cement Fitting Lining	11.28	
		For 1/2" Thick, Add	*1.02*	
33 14 13 43-0054	EA	6" Outside Diameter, 1/4" Thick Cement Fitting Lining	14.00	
		For 1/2" Thick, Add	*1.25*	
33 14 13 43-0055	EA	8" Outside Diameter, 1/4" Thick Cement Fitting Lining	21.78	
		For 1/2" Thick, Add	*2.04*	
33 14 13 43-0056	EA	10" Outside Diameter, 1/4" Thick Cement Fitting Lining	35.76	
		For 1/2" Thick, Add	*3.13*	
33 14 13 43-0057	EA	12" Outside Diameter, 1/4" Thick Cement Fitting Lining	54.48	
		For 1/2" Thick, Add	*4.71*	
33 14 13 43-0058	EA	14" Outside Diameter, 1/4" Thick Cement Fitting Lining	80.41	
		For 1/2" Thick, Add	*6.34*	
33 14 13 43-0059	EA	16" Outside Diameter, 1/4" Thick Cement Fitting Lining	118.02	
		For 1/2" Thick, Add	*8.14*	
33 14 13 43-0060	EA	18" Outside Diameter, 5/16" Thick Cement Fittings Lining	159.67	
		For 1/2" Thick, Add	*9.01*	
33 14 13 43-0061	EA	20" Outside Diameter, 5/16" Thick Cement Fitting Lining	213.49	
		For 1/2" Thick, Add	*11.12*	
33 14 13 43-0062	EA	24" Outside Diameter, 5/16" Thick Cement Fitting Lining	310.65	
		For 1/2" Thick, Add	*16.02*	

33 14 13 43-0063 8 Mil Polyethylene Encasement Tubing *(33 14 13 43)*

Note: ANSI/AWWA C105/A21.5-99 section 4.2.

33 14 13 43-0064	LF	3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing	0.84
33 14 13 43-0065	LF	10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing	1.38
33 14 13 43-0066	LF	14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing	1.73
33 14 13 43-0067	LF	18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing	2.18
33 14 13 43-0068	LF	24" Diameter, 8 Mil Polyethylene Encasement Tubing	3.02
33 14 13 43-0069	LF	30" Diameter, 8 Mil Polyethylene Encasement Tubing	3.91
33 14 13 43-0070	LF	36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing	4.96
33 14 13 43-0071	LF	48" Diameter, 8 Mil Polyethylene Encasement Tubing	5.91
33 14 13 43-0072	LF	54" Diameter, 8 Mil Polyethylene Encasement Tubing	7.03
33 14 13 43-0073	LF	60" Diameter, 8 Mil Polyethylene Encasement Tubing	7.80

33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters *(33 14 13)*

33 14 13 53-0001 Double Stud Stainless Steel Service Saddles *(33 14 13 53)*

Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	222.78
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	321.14
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	330.84
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	269.87
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	342.49
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	281.40
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	358.30
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	318.67
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	377.40
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	331.84
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	388.23

33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles *(33 14 13 53)*

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	180.73
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	180.88
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	192.35
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	184.32
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	197.27
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	219.39
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	233.47
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	212.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	234.93	
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	246.72	
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	224.22	
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	247.31	
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	259.01	
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	236.31	
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	258.65	
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	270.20	
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	409.86	
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	419.58	
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	256.82	
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	284.19	
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	294.78	
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	488.58	
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	289.80	
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	322.94	
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	548.47	
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	316.63	
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	351.79	
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	364.09	
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	615.20	
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	373.87	
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	401.05	
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	433.19	
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	764.07	
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	383.58	
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	440.46	
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	458.86	
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	822.83	
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	400.91	
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	459.95	
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	478.88	
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	856.48	
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	446.44	
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	519.49	
33 14 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	513.00	
33 14 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	569.29	
33 14 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	536.08	
33 14 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	607.76	

33 14 13 53-0061 Double Bale Bronze Service Saddles *(33 14 13 53)*

33 14 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	256.10	
33 14 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	280.93	
33 14 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	291.69	
33 14 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	316.76	
33 14 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	326.89	
33 14 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	343.59	
33 14 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	314.26	
33 14 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	334.79	
33 14 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	406.05	
33 14 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	440.37	
33 14 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	626.81	
33 14 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	711.22	
33 14 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	731.72	
33 14 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	819.76	

33 14 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle *(33 14 13 53)*

Note: Taps are compression or NPT.

33 14 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	270.48	
33 14 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	299.08	
33 14 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	308.67	
33 14 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	336.17	
33 14 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	347.89	
33 14 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	365.72	
33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	394.31	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	422.74	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	425.30	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	462.09	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	674.50	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	778.66	
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	788.30	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	860.83	
33 14 13 53-0091	EA	18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,148.45	
33 14 13 53-0092	EA	18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,148.45	
33 14 13 53-0093	EA	20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,194.47	
33 14 13 53-0094	EA	20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,194.47	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0095	EA	24" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,281.62	
33 14 13 53-0096	EA	24" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,281.62	

33 14 13 53-0097 Ductile Iron Mechanical Joint Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0098	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,246.50	
33 14 13 53-0099	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,503.08	
33 14 13 53-0100	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,801.40	
33 14 13 53-0101	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,910.12	
33 14 13 53-0102	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,957.18	
33 14 13 53-0103	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,110.57	
33 14 13 53-0104	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,174.57	
33 14 13 53-0105	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,102.87	
33 14 13 53-0106	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,255.65	
33 14 13 53-0107	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,632.47	
33 14 13 53-0108	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,725.74	
33 14 13 53-0109	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,339.47	
33 14 13 53-0110	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,512.52	
33 14 13 53-0111	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,588.57	
33 14 13 53-0112	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,619.46	
33 14 13 53-0113	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,863.00	
33 14 13 53-0114	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,847.06	
33 14 13 53-0115	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,866.50	
33 14 13 53-0116	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,060.23	
33 14 13 53-0117	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,103.49	
33 14 13 53-0118	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,151.42	
33 14 13 53-0119	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,083.72	
33 14 13 53-0120	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,498.60	
33 14 13 53-0121	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,579.59	
33 14 13 53-0122	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,021.04	
33 14 13 53-0123	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,136.82	
33 14 13 53-0124	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,496.77	
33 14 13 53-0125	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,914.78	
33 14 13 53-0126	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,573.83	
33 14 13 53-0127	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,740.24	
33 14 13 53-0128	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,803.29	
33 14 13 53-0129	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,130.02	
33 14 13 53-0130	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,446.24	
33 14 13 53-0131	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	12,681.25	
33 14 13 53-0132	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,794.19	
33 14 13 53-0133	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,941.21	
33 14 13 53-0134	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,981.99	
33 14 13 53-0135	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	15,333.36	
33 14 13 53-0136	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	15,528.70	
33 14 13 53-0137	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	15,567.55	
33 14 13 53-0138	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	15,997.61	
33 14 13 53-0139	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,198.59	

33 14 13 53-0140 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0141	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,028.96	
33 14 13 53-0142	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,084.01	
33 14 13 53-0143	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,190.11	
33 14 13 53-0144	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,217.37	
33 14 13 53-0145	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,268.55	
33 14 13 53-0146	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,469.68	
33 14 13 53-0147	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,324.65	
33 14 13 53-0148	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,374.39	
33 14 13 53-0149	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,550.77	
33 14 13 53-0150	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,186.54	
33 14 13 53-0151	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,483.56	
33 14 13 53-0152	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,558.12	
33 14 13 53-0153	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,731.64	
33 14 13 53-0154	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,300.82	
33 14 13 53-0155	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,519.25	
33 14 13 53-0156	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,973.59	
33 14 13 53-0157	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,034.69	
33 14 13 53-0158	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,410.95	
33 14 13 53-0159	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,878.27	
33 14 13 53-0160	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,180.95	
33 14 13 53-0161	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,353.26	
33 14 13 53-0162	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,416.43	
33 14 13 53-0163	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,664.36	
33 14 13 53-0164	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,334.22	
33 14 13 53-0165	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,489.93	
33 14 13 53-0166	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,478.47	
33 14 13 53-0167	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,595.72	
33 14 13 53-0168	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,759.92	
33 14 13 53-0169	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,548.76	
33 14 13 53-0170	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,704.28	
33 14 13 53-0171	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,007.18	
33 14 13 53-0172	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,070.22	
33 14 13 53-0173	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,442.96	
33 14 13 53-0174	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,075.63	
33 14 13 53-0175	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,342.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0176	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,236.54	
33 14 13 53-0177	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,378.75	
33 14 13 53-0178	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,572.00	
33 14 13 53-0179	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,471.39	
33 14 13 53-0180	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,633.69	
33 14 13 53-0181		**Stainless Steel Flange, Stainless Steel Tapping Sleeve** *(33 14 13 53)*		
33 14 13 53-0182	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,201.77	
33 14 13 53-0183	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,302.27	
33 14 13 53-0184	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,380.30	
33 14 13 53-0185	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,399.94	
33 14 13 53-0186	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,490.35	
33 14 13 53-0187	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,767.21	
33 14 13 53-0188	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,607.30	
33 14 13 53-0189	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,707.92	
33 14 13 53-0190	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,955.72	
33 14 13 53-0191	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,675.63	
33 14 13 53-0192	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,830.55	
33 14 13 53-0193	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,968.96	
33 14 13 53-0194	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,297.43	
33 14 13 53-0195	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,726.42	
33 14 13 53-0196	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,053.58	
33 14 13 53-0197	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,087.92	
33 14 13 53-0198	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,258.48	
33 14 13 53-0199	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,628.77	
33 14 13 53-0200	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,058.18	
33 14 13 53-0201	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,283.68	
33 14 13 53-0202	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,560.94	
33 14 13 53-0203	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,795.35	
33 14 13 53-0204	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,973.17	
33 14 13 53-0205	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,435.13	
33 14 13 53-0206	EA	16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,747.42	
33 14 13 53-0207	EA	18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,813.69	
33 14 13 53-0208	EA	18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,165.75	
33 14 13 53-0209	EA	18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,351.48	
33 14 13 53-0210	EA	18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,757.01	
33 14 13 53-0211	EA	18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,294.66	
33 14 13 53-0212	EA	20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,026.98	
33 14 13 53-0213	EA	20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,378.12	
33 14 13 53-0214	EA	20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,528.37	
33 14 13 53-0215	EA	20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,285.99	
33 14 13 53-0216	EA	20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,706.16	
33 14 13 53-0217	EA	24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,602.12	
33 14 13 53-0218	EA	24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,649.13	
33 14 13 53-0219	EA	24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,829.99	
33 14 13 53-0220	EA	24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,734.99	
33 14 13 53-0221	EA	24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,216.41	
33 14 13 53-0222		**Ductile Iron Body, Flanged Coupling Adapter** *(33 14 13 53)*		
33 14 13 53-0223	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	304.11	52.18
33 14 13 53-0224	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	380.96	65.79
33 14 13 53-0225	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	499.98	90.75
33 14 13 53-0226	EA	8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	650.41	106.63
33 14 13 53-0227	EA	10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,031.84	120.24
33 14 13 53-0228	EA	12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,152.32	136.13
33 14 13 53-0229		**Steel Body, Flanged Coupling Adapter** *(33 14 13 53)*		
33 14 13 53-0230	EA	3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	449.07	52.18
33 14 13 53-0231	EA	4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	530.11	65.79
33 14 13 53-0232	EA	6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	707.16	90.75
33 14 13 53-0233	EA	8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	866.03	106.63
33 14 13 53-0234	EA	10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,059.50	120.24
33 14 13 53-0235	EA	12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,235.50	136.13
33 14 13 53-0236	EA	14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,470.53	149.74
33 14 13 53-0237	EA	16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,744.71	163.35
33 14 13 53-0238	EA	18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,063.36	179.68
33 14 13 53-0239	EA	20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,441.57	197.66
33 14 13 53-0240		**Steel Body, Flanged-Lock Restrained Coupling Adapters** *(33 14 13 53)*		
33 14 13 53-0241	EA	4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	390.65	65.79
33 14 13 53-0242	EA	6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	523.91	90.75
33 14 13 53-0243	EA	8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	578.80	106.63
33 14 13 53-0244	EA	10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	852.81	120.24
33 14 13 53-0245	EA	12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,089.91	136.13
33 14 13 53-0246	EA	14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,223.09	149.74
33 14 13 53-0247	EA	16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,440.49	163.35
33 14 13 53-0248	EA	18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,617.34	179.68
33 14 13 53-0249	EA	20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,947.71	197.66
33 14 13 53-0250	EA	24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	2,350.79	217.44
33 14 13 53-0251	EA	30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	4,942.76	239.12
33 14 13 53-0252	EA	36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	6,683.65	263.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0253		Ductile Iron Body, Omni Coupling System *(33 14 13 53)*		
33 14 13 53-0254	EA	2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	134.73	36.30
33 14 13 53-0255	EA	2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	166.55	43.11
33 14 13 53-0256	EA	3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	206.44	52.18
33 14 13 53-0257	EA	4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	259.20	65.79
33 14 13 53-0258	EA	6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	345.16	90.75
33 14 13 53-0259	EA	8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	420.16	106.63
33 14 13 53-0260	EA	10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	527.73	120.24
33 14 13 53-0261	EA	12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	618.12	136.13
33 14 13 53-0262	EA	14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	878.09	149.74
33 14 13 53-0263	EA	16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	1,100.49	163.35

33 14 15 Water Service Connections *(33 14)*

See CSI section 22 11 19 00-0161 for backflow preventer assemblies.

33 14 15 23 Water Service Hydrants *(33 14 15)*

33 14 15 23-0001 Yard Hydrants *(33 14 15 23)*
Note: With 3/4" hose thread outlet.

33 14 15 23-0002	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	325.66	29.18
33 14 15 23-0003	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	350.73	29.18
33 14 15 23-0004	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	375.81	29.18
33 14 15 23-0005	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	247.92	36.97
33 14 15 23-0006	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	258.69	36.97
33 14 15 23-0007	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	269.46	36.97

33 14 15 23-0008 Sanitary Yard Hydrants *(33 14 15 23)*
Note: With 3/4" hose thread outlet.

33 14 15 23-0009	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,507.19	60.80
33 14 15 23-0010	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,585.55	60.80
33 14 15 23-0011	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,663.91	60.80

33 14 15 23-0012 Flushing Hydrants *(33 14 15 23)*

33 14 15 23-0013	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	530.47	37.49

33 14 19 Valves and Hydrants for Water Utility Service *(33 14)*

Note: Flanged valves excludes bolt and gasket set. See CSI section 23 21 13 23-0669 for bolt and gasket sets.

33 14 19 00-0001 Roadway Utility Box *(33 14 19)*

33 14 19 00-0002 Utility Box *(33 14 19 00-0001)*
Note: Christy Concrete Products.

33 14 19 00-0003 B3 Utility Box, 9-3/8" x 15-1/2" *(33 14 19 00-0002)*

33 14 19 00-0004	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box	71.02	44.40
33 14 19 00-0005	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box	53.98	4.93
33 14 19 00-0006	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box	25.38	4.93
33 14 19 00-0007	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box	112.12	4.93
33 14 19 00-0008	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box	38.89	9.86
33 14 19 00-0009	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box	51.53	9.86

33 14 19 00-0010 B9 Utility Box, 10-1/4" x 17-1/4" *(33 14 19 00-0002)*

33 14 19 00-0011	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box	88.85	59.20
33 14 19 00-0012	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box	63.38	5.92
33 14 19 00-0013	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box	28.62	5.92
33 14 19 00-0014	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box	117.38	4.93
33 14 19 00-0015	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box	42.37	9.86
33 14 19 00-0016	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box	58.34	14.80
33 14 19 00-0017	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box	78.85	27.13

33 14 19 00-0018 B12 Utility Box, 12" x 20" *(33 14 19 00-0002)*

33 14 19 00-0019	EA	12" x 20" Precast Concrete Utility Box	97.19	64.13
33 14 19 00-0020	EA	Cast Iron Lid For 12" x 20" Utility Box	110.82	7.40
33 14 19 00-0021	EA	Reinforced Concrete Lid For 12" x 20" Utility Box	40.34	9.86
33 14 19 00-0022	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box	161.15	9.86
33 14 19 00-0023	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box	101.96	34.53

33 14 19 00-0024 B16 Utility Box, 12" x 22-1/4" *(33 14 19 00-0002)*

33 14 19 00-0025	EA	12" x 22-1/4" Precast Concrete Utility Box	112.46	74.98
33 14 19 00-0026	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box	126.74	9.86
33 14 19 00-0027	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box	47.50	9.86
33 14 19 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box	162.00	9.86
33 14 19 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box	69.66	16.77
33 14 19 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box	103.15	34.53

33 14 19 00-0031 B30 Utility Box, 13-1/4" x 24" *(33 14 19 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0032	EA	13-1/4" x 24" Precast Concrete Utility Box (Christy B30BOX)	134.70	88.79
33 14 19 00-0033	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box (Christy B30D)	66.52	15.78
33 14 19 00-0034	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box (Christy B30-61G)	200.91	12.82
33 14 19 00-0035	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box (Christy B30SL)	69.66	16.77
33 14 19 00-0036	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box (Christy B30BA)	108.67	27.62
33 14 19 00-0037	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X6)	82.00	18.74
33 14 19 00-0038	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X12)	133.30	44.40
33 14 19 00-0039		B36 Utility Box, 17-1/4" x 30" *(33 14 19 00-0002)*		
33 14 19 00-0040	EA	17-1/4" x 30" Precast Concrete Utility Box (Christy B36BOX)	174.24	112.47
33 14 19 00-0041	EA	Reinforced Concrete Lid For 17-1/4" x 30" Utility Box (Christy B36D)	109.79	27.13
33 14 19 00-0042	EA	Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box (Christy B36-61D)	254.55	18.74
33 14 19 00-0043	EA	20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box (Christy B36SL)	110.12	35.52
33 14 19 00-0044	EA	6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box (Christy B36BA)	165.49	39.47
33 14 19 00-0045	EA	12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box (Christy B36X12)	175.91	57.22
33 14 19 00-0046		B40 Utility Box, 24-1/2" x 36" *(33 14 19 00-0002)*		
33 14 19 00-0047	EA	24-1/2" x 36" Precast Concrete Utility Box	330.67	173.64
33 14 19 00-0048	EA	Reinforced Concrete Lid For 24-1/2" x 36" Utility Box	291.24	65.11
33 14 19 00-0049	EA	Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	363.56	28.61
33 14 19 00-0050	EA	30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	246.14	61.17
33 14 19 00-0051	EA	10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	260.36	64.13
33 14 19 00-0052		B48 Utility Box, 30-1/4" x 48-1/4" *(33 14 19 00-0002)*		
33 14 19 00-0053	EA	30-1/4" x 48-1/4" Precast Concrete Utility Box	438.85	197.31
33 14 19 00-0054	EA	1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	419.41	107.54
33 14 19 00-0055	EA	2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box	500.48	107.54
33 14 19 00-0056	EA	2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box	579.65	49.33
33 14 19 00-0057	EA	36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box	402.44	133.19
33 14 19 00-0058	EA	10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box	332.43	89.77
33 14 19 00-0059		Water Utility Distribution Valves *(33 14 19)*		
33 14 19 00-0060		Angle Valves *(33 14 19 00-0059)* Note: For connecting meters to water service.		
33 14 19 00-0061		Threaded, Class 150, Bronze Angle Valve *(33 14 19 00-0060)* Note: Nibco T-335Y		
33 14 19 00-0062	EA	1/2" Threaded, Class 150, Bronze Angle Valve	89.42	15.57
33 14 19 00-0063	EA	3/4" Threaded, Class 150, Bronze Angle Valve	120.60	20.92
33 14 19 00-0064	EA	1" Threaded, Class 150, Bronze Angle Valve	162.67	25.79
33 14 19 00-0065	EA	1-1/4" Threaded, Class 150, Bronze Angle Valve	209.48	32.40
33 14 19 00-0066	EA	1-1/2" Threaded, Class 150, Bronze Angle Valve	261.83	37.46
33 14 19 00-0067	EA	2" Threaded, Class 150, Bronze Angle Valve	391.50	43.78
33 14 19 00-0068	EA	2-1/2" Threaded, Class 150, Bronze Angle Valve	627.87	59.73
33 14 19 00-0069	EA	3" Threaded, Class 150, Bronze Angle Valve	954.82	68.96
33 14 19 00-0070		Butterfly Valves *(33 14 19 00-0059)*		
33 14 19 00-0071		Lug Type Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valves *(33 14 19 00-0070)*		
33 14 19 00-0072	EA	3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	1,572.00	165.39
33 14 19 00-0073	EA	3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	1,746.00	165.39
33 14 19 00-0074	EA	4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	1,701.82	255.85
33 14 19 00-0075	EA	4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	1,875.82	255.85
33 14 19 00-0076	EA	6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	1,955.47	303.28
33 14 19 00-0077	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	2,129.47	303.28
33 14 19 00-0078	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	2,215.41	387.54
33 14 19 00-0079	EA	8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	2,388.41	387.54
33 14 19 00-0080	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	2,776.72	471.78
33 14 19 00-0081	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	2,776.72	471.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0082	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8)	3,182.82	571.85
33 14 19 00-0083	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	3,356.82	571.85
33 14 19 00-0084	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12)	4,188.39	738.71
33 14 19 00-0085	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12)	4,643.39	738.71
33 14 19 00-0086	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16)	4,877.73	812.58
33 14 19 00-0087	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20)	5,435.73	812.58
33 14 19 00-0088	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24)	6,112.54	901.23
33 14 19 00-0089	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24)	6,703.54	901.23
33 14 19 00-0090	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24)	7,004.66	1,015.73
33 14 19 00-0091	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24)	7,594.66	1,015.73
33 14 19 00-0092	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S1,S304G0*MS-7-HD30)	11,424.22	1,246.57
33 14 19 00-0093	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S1,S304G0*MS-7-CW20)	11,460.22	1,246.57
33 14 19 00-0094	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24)	23,929.95	2,123.16
33 14 19 00-0095	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24)	28,265.61	2,830.88
33 14 19 00-0096	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32)	35,656.91	4,246.33
33 14 19 00-0097	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24)	48,538.89	5,307.91

33 14 19 00-0098 Check Valves *(33 14 19 00-0059)*

33 14 19 00-0099 Flanged, Swing Type Gravity Operated Check Valves *(33 14 19 00-0098)*

Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.

33 14 19 00-0100	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve	594.83	129.85
33 14 19 00-0101	EA	3" Flanged, Swing Type Gravity Operated Check Valve	622.55	152.24
33 14 19 00-0102	EA	4" Flanged, Swing Type Gravity Operated Check Valve	915.16	192.53
33 14 19 00-0103	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve	1,196.50	289.70
33 14 19 00-0104	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve	1,255.80	323.54
33 14 19 00-0105	EA	6" Flanged, Swing Type Gravity Operated Check Valve	1,205.95	322.39
33 14 19 00-0106	EA	6" x 8" Flanged, Swing Type Gravity Operated Check Valve	1,543.55	366.46
33 14 19 00-0107	EA	6" x 10" Flanged, Swing Type Gravity Operated Check Valve	1,626.39	411.94
33 14 19 00-0108	EA	8" Flanged, Swing Type Gravity Operated Check Valve	1,684.89	411.94
33 14 19 00-0109	EA	10" Flanged, Swing Type Gravity Operated Check Valve	2,731.87	501.49
33 14 19 00-0110	EA	12" Flanged, Swing Type Gravity Operated Check Valve	4,047.32	376.12
33 14 19 00-0111	EA	14" Flanged, Swing Type Gravity Operated Check Valve	5,583.95	738.71
33 14 19 00-0112	EA	16" Flanged, Swing Type Gravity Operated Check Valve	7,332.30	812.58
33 14 19 00-0113	EA	18" Flanged, Swing Type Gravity Operated Check Valve	10,482.08	901.23
33 14 19 00-0114	EA	20" Flanged, Swing Type Gravity Operated Check Valve	12,185.15	1,015.73

33 14 19 00-0115 Combination Air Release Valves *(33 14 19 00-0059)*

33 14 19 00-0116	EA	1" Combination Air Release Valve	434.94	18.80
33 14 19 00-0117	EA	2" Combination Air Release Valve	702.68	32.23

33 14 19 00-0118 Corporation Stop And Curb Valve *(33 14 19 00-0059)*

Note: AWWA C800

33 14 19 00-0119 Ball Corporation Valves *(33 14 19 00-0118)*

Note: Mueller B-25000.

33 14 19 00-0120	EA	3/4" Ball Corporation Valve (Mueller B-25000)	72.45	18.80
33 14 19 00-0121	EA	1" Ball Corporation Valve (Mueller B-25000)	91.05	23.28
33 14 19 00-0122	EA	1-1/2" Ball Corporation Valve (Mueller B-25000)	163.26	34.03
33 14 19 00-0123	EA	2" Ball Corporation Valve (Mueller B-25000)	246.20	40.30

33 14 19 00-0124 Gate Valve, AWWA C500 And C509 *(33 14 19 00-0059)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0125		Gate Valve, Flanged *(33 14 19 00-0124)*		
		Note: Mueller A-2380-6.		
33 14 19 00-0126	EA	2" Gate Valve, Flanged	392.99	119.37
33 14 19 00-0127	EA	2-1/2" Gate Valve, Flanged	453.86	129.85
33 14 19 00-0128	EA	3" Gate Valve, Flanged	535.92	152.24
33 14 19 00-0129	EA	4" Gate Valve, Flanged	767.44	190.74
33 14 19 00-0130	EA	6" Gate Valve, Flanged	920.37	322.39
33 14 19 00-0131	EA	8" Gate Valve, Flanged	1,317.97	411.94
33 14 19 00-0132	EA	10" Gate Valve, Flanged	1,908.08	501.49
33 14 19 00-0133	EA	12" Gate Valve, Flanged	2,299.12	376.12
33 14 19 00-0134	EA	14" Gate Valve, Flanged	4,617.75	738.71
33 14 19 00-0135	EA	16" Gate Valve, Flanged	5,952.48	812.58
33 14 19 00-0136	EA	18" Gate Valve, Flanged	9,207.15	901.23
33 14 19 00-0137	EA	20" Gate Valve, Flanged	10,974.63	1,015.73
33 14 19 00-0138		Resilient Wedge Gate Valve, Flanged *(33 14 19 00-0124)*		
		Note: Mueller A-2360-6.		
33 14 19 00-0139	EA	2" Resilient Wedge Gate Valve, Flanged	379.20	119.37
33 14 19 00-0140	EA	2-1/2" Resilient Wedge Gate Valve, Flanged	437.38	129.85
33 14 19 00-0141	EA	3" Resilient Wedge Gate Valve, Flanged	516.37	152.24
33 14 19 00-0142	EA	4" Resilient Wedge Gate Valve, Flanged	745.59	190.74
33 14 19 00-0143	EA	6" Resilient Wedge Gate Valve, Flanged	891.16	322.39
33 14 19 00-0144	EA	8" Resilient Wedge Gate Valve, Flanged	1,272.34	411.94
33 14 19 00-0145	EA	10" Resilient Wedge Gate Valve, Flanged	1,835.56	501.49
33 14 19 00-0146	EA	12" Resilient Wedge Gate Valve, Flanged	2,211.56	376.12
33 14 19 00-0147		Gate Valve, Mechanical Joint *(33 14 19 00-0124)*		
		Note: Mueller A-2380-20.		
33 14 19 00-0148	EA	2" Gate Valve, Mechanical Joint	468.82	95.38
33 14 19 00-0149	EA	2-1/2" Gate Valve, Mechanical Joint	524.53	119.55
33 14 19 00-0150	EA	3" Gate Valve, Mechanical Joint	653.35	144.62
33 14 19 00-0151	EA	4" Gate Valve, Mechanical Joint	797.95	190.74
33 14 19 00-0152	EA	6" Gate Valve, Mechanical Joint	986.85	223.88
33 14 19 00-0153	EA	8" Gate Valve, Mechanical Joint	1,375.98	268.65
33 14 19 00-0154	EA	10" Gate Valve, Mechanical Joint	1,930.20	313.43
33 14 19 00-0155	EA	12" Gate Valve, Mechanical Joint	2,399.60	376.12
33 14 19 00-0156	EA	14" Gate Valve, Mechanical Joint	4,873.34	452.46
33 14 19 00-0157	EA	16" Gate Valve, Mechanical Joint	6,233.25	507.87
33 14 19 00-0158	EA	18" Gate Valve, Mechanical Joint	9,710.40	563.26
33 14 19 00-0159	EA	20" Gate Valve, Mechanical Joint	11,517.25	634.83
33 14 19 00-0160		Resilient Wedge Gate Valve, Mechanical Joint *(33 14 19 00-0124)*		
		Note: Mueller A-2360-20.		
33 14 19 00-0161	EA	2" Resilient Wedge Gate Valve, Mechanical Joint	453.07	95.38
33 14 19 00-0162	EA	3" Resilient Wedge Gate Valve, Mechanical Joint	632.74	144.62
33 14 19 00-0163	EA	4" Resilient Wedge Gate Valve, Mechanical Joint	774.38	190.74
33 14 19 00-0164	EA	6" Resilient Wedge Gate Valve, Mechanical Joint	956.34	223.88
33 14 19 00-0165	EA	8" Resilient Wedge Gate Valve, Mechanical Joint	1,328.52	268.65
33 14 19 00-0166	EA	10" Resilient Wedge Gate Valve, Mechanical Joint	1,856.43	313.43
33 14 19 00-0167	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	2,306.34	376.12
33 14 19 00-0168		Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint *(33 14 19 00-0124)*		
		Note: Mueller A-2361.		
33 14 19 00-0169	EA	14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	4,889.88	738.71
33 14 19 00-0170	EA	16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	5,319.11	812.58
33 14 19 00-0171	EA	18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	8,169.27	901.23
33 14 19 00-0172	EA	20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	9,730.08	1,015.73
33 14 19 00-0173	EA	24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	13,753.42	1,246.57
33 14 19 00-0174		Gate Valve, Threaded, WW-V-51 Class A, Type 1 *(33 14 19 00-0124)*		
		Note: NIBCO T-113.		
33 14 19 00-0175	EA	1/4" Gate Valve, Bronze, Threaded	51.73	15.67
33 14 19 00-0176	EA	3/8" Gate Valve, Bronze, Threaded	53.22	15.67
33 14 19 00-0177	EA	1/2" Gate Valve, Bronze, Threaded	52.58	15.67
33 14 19 00-0178	EA	3/4" Gate Valve, Bronze, Threaded	67.54	21.16
33 14 19 00-0179	EA	1" Gate Valve, Bronze, Threaded	83.36	25.58
33 14 19 00-0180	EA	1-1/4" Gate Valve, Bronze, Threaded	113.68	32.40
33 14 19 00-0181	EA	1-1/2" Gate Valve, Bronze, Threaded	131.95	37.46
33 14 19 00-0182	EA	2" Gate Valve, Bronze, Threaded	160.30	43.78
33 14 19 00-0183	EA	2-1/2" Gate Valve, Bronze, Threaded	312.84	59.73
33 14 19 00-0184	EA	3" Gate Valve, Bronze, Threaded	375.42	68.50
33 14 19 00-0185		Globe Valve, AWWA *(33 14 19 00-0059)*		
33 14 19 00-0186		Globe Valve, Threaded, WW-V-51 Class B, Type 1 *(33 14 19 00-0185)*		
		Note: NIBCO T-235.		
33 14 19 00-0187	EA	1/8" Globe Valve, Threaded	73.88	15.67
33 14 19 00-0188	EA	1/4" Globe Valve, Threaded	70.88	15.67
33 14 19 00-0189	EA	3/8" Globe Valve, Threaded	72.37	15.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0190	EA	1/2" Globe Valve, Threaded	73.88	15.67
33 14 19 00-0191	EA	3/4" Globe Valve, Threaded	100.35	21.16
33 14 19 00-0192	EA	1" Globe Valve, Threaded	141.45	25.58
33 14 19 00-0193	EA	1-1/4" Globe Valve, Threaded	207.58	32.40
33 14 19 00-0194	EA	1-1/2" Globe Valve, Threaded	247.98	37.46
33 14 19 00-0195	EA	2" Globe Valve, Threaded	347.32	43.78
33 14 19 00-0196	EA	2-1/2" Globe Valve, Threaded	640.73	59.73
33 14 19 00-0197	EA	3" Globe Valve, Threaded	879.25	68.87
33 14 19 00-0198		Tapping Valve, AWWA C500 And C509 *(33 14 19 00-0059)*		
33 14 19 00-0199		Tapping Valve, AWWA C500 And C509 *(33 14 19 00-0198)*		
		Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0200	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	524.39	119.37
33 14 19 00-0201	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	674.77	152.24
33 14 19 00-0202	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	901.57	190.74
33 14 19 00-0203	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,125.33	322.39
33 14 19 00-0204	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,580.82	411.94
33 14 19 00-0205	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,227.51	501.49
33 14 19 00-0206	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	3,198.58	376.12
33 14 19 00-0207	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	5,542.94	738.71
33 14 19 00-0208	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	6,932.18	812.58
33 14 19 00-0209	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	10,944.32	901.23
33 14 19 00-0210		Accessories For Valves *(33 14 19)*		
33 14 19 00-0211	EA	1' Valve Extension Stem	80.84	
		For Each Additional LF, Add	*5.58*	
33 14 19 00-0212	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly	994.28	89.55
		Note: Excludes valve.		
33 14 19 00-0213	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly	1,126.03	98.50
		Note: Excludes valve.		
33 14 19 00-0214	EA	Adjust Water Valve Box To Grade	89.55	
33 14 19 00-0215		Roadway Or Curb Valve Boxes *(33 14 19)*		
		See CSI section 22 05 19 00-0000 for metering.		
33 14 19 00-0216		Round Head, Cast Iron Service, Roadway Or Valve Boxes *(33 14 19 00-0215)*		
33 14 19 00-0217	EA	36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	178.08	11.82
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0218	EA	36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	206.47	11.82
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0219	EA	42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	207.78	11.82
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0220	EA	9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	54.05	5.91
33 14 19 00-0221	EA	16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	61.56	5.91
33 14 19 00-0222	EA	24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	72.87	5.91
33 14 19 00-0223	EA	36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box	267.87	14.78
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0224	EA	45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	462.88	20.68
		Note: Includes cover, top section, bottom section and #6 round base.		
33 14 19 00-0225	EA	45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	515.82	20.68
		Note: Includes cover, top section, bottom section and #6 round base.		
33 14 19 00-0226	EA	24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	278.38	14.78
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0227	EA	36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	291.03	14.78
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0228	EA	24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	281.36	14.78
		Note: Includes cover, top section and bottom section.		
33 14 19 00-0229	EA	12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	102.09	5.91
33 14 19 00-0230	EA	18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes	173.16	24.33
33 14 19 00-0231	EA	22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes	178.90	25.29
33 14 19 00-0232	EA	30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes	199.09	26.27
33 14 19 00-0233	EA	36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	271.89	27.73
33 14 19 00-0234	EA	48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes	327.34	29.18
33 14 19 00-0235	EA	18" Cast Iron Service Box Extension Section	76.38	
33 14 19 00-0236		Plastic Roadway Grade Water Meter Box And Cover *(33 14 19 00-0215)*		
33 14 19 00-0237	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	249.84	34.05
33 14 19 00-0238	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	187.83	24.33
33 14 19 00-0239	EA	Cast Iron Lid For Plastic Meter Box	55.89	
33 14 19 00-0240		Traffic Valve Box And Lid *(33 14 19 00-0215)*		
33 14 19 00-0241	EA	10-3/8" ID x 12" Traffic Valve Box And 11" OD Cast Iron Lid (Christy G-5)	147.34	
33 14 19 00-0242	EA	14-1/2" ID x 12" Traffic Valve Box And 13-1/4" OD Cast Iron Lid (Christy G-12)	437.87	
33 14 19 00-0243		Fire Hydrants *(33 14 19)*		
		Note: Breakaway type.		
33 14 19 00-0244		Three Way, Standard (Traditional) Model Fire Hydrant *(33 14 19 00-0243)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0245	EA	1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,457.58	235.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0246	EA	2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,522.89	235.89
33 14 19 00-0247	EA	2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,588.37	235.89
33 14 19 00-0248	EA	3' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,670.38	252.74
33 14 19 00-0249	EA	3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,735.76	252.74
33 14 19 00-0250	EA	4' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,822.25	273.80
33 14 19 00-0251	EA	4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,887.52	273.80
33 14 19 00-0252	EA	5' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,974.05	294.87
33 14 19 00-0253	EA	5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,039.42	294.87
33 14 19 00-0254	EA	6' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,125.74	315.92
33 14 19 00-0255	EA	6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,212.16	336.99
33 14 19 00-0256	EA	7' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,319.53	379.11
33 14 19 00-0257	EA	1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,517.18	235.89
33 14 19 00-0258	EA	2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,601.94	235.89
33 14 19 00-0259	EA	2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,686.48	235.89
33 14 19 00-0260	EA	3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,787.88	252.74
33 14 19 00-0261	EA	3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,872.43	252.74
33 14 19 00-0262	EA	4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,978.35	273.80
33 14 19 00-0263	EA	4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,062.79	273.80
33 14 19 00-0264	EA	5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,168.49	294.87
33 14 19 00-0265	EA	5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,253.01	294.87
33 14 19 00-0266	EA	6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,358.46	315.92
33 14 19 00-0267	EA	6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,464.29	336.99
33 14 19 00-0268	EA	7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,590.81	379.11

33 14 19 00-0269 Two Way, Standard (Traditional) Model Fire Hydrant *(33 14 19 00-0243)*

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0270	EA	1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,099.09	235.89
33 14 19 00-0271	EA	2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,164.17	235.89
33 14 19 00-0272	EA	2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,229.63	235.89
33 14 19 00-0273	EA	3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,311.92	252.74
33 14 19 00-0274	EA	3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,377.08	252.74
33 14 19 00-0275	EA	4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,463.43	273.80
33 14 19 00-0276	EA	4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,528.80	273.80
33 14 19 00-0277	EA	5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,615.39	294.87
33 14 19 00-0278	EA	5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,680.62	294.87
33 14 19 00-0279	EA	6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,767.29	315.92
33 14 19 00-0280	EA	6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,853.29	336.99
33 14 19 00-0281	EA	7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,960.81	379.11
33 14 19 00-0282	EA	1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,191.16	235.89
33 14 19 00-0283	EA	2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,275.72	235.89
33 14 19 00-0284	EA	2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,360.17	235.89
33 14 19 00-0285	EA	3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,461.77	252.74
33 14 19 00-0286	EA	3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,546.11	252.74
33 14 19 00-0287	EA	4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,651.88	273.80
33 14 19 00-0288	EA	4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,736.26	273.80
33 14 19 00-0289	EA	5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,842.23	294.87
33 14 19 00-0290	EA	5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,926.57	294.87
33 14 19 00-0291	EA	6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,032.31	315.92
33 14 19 00-0292	EA	6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,137.72	336.99
33 14 19 00-0293	EA	7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,264.70	379.11

33 14 19 00-0294 Three Way, Modern Model Fire Hydrant *(33 14 19 00-0243)*

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0295	EA	1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,610.00	235.89
33 14 19 00-0296	EA	2' Burial Section, Three Way, Modern Type Fire Hydrant	3,694.44	235.89
33 14 19 00-0297	EA	2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,779.14	235.89
33 14 19 00-0298	EA	3' Burial Section, Three Way, Modern Type Fire Hydrant	3,880.57	252.74
33 14 19 00-0299	EA	3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,965.08	252.74
33 14 19 00-0300	EA	4' Burial Section, Three Way, Modern Type Fire Hydrant	4,070.68	273.80
33 14 19 00-0301	EA	4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,155.29	273.80
33 14 19 00-0302	EA	5' Burial Section, Three Way, Modern Type Fire Hydrant	4,260.93	294.87
33 14 19 00-0303	EA	5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,345.45	294.87
33 14 19 00-0304	EA	6' Burial Section, Three Way, Modern Type Fire Hydrant	4,451.05	294.87
33 14 19 00-0305	EA	6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,556.92	336.99
33 14 19 00-0306	EA	7' Burial Section, Three Way, Modern Type Fire Hydrant	4,682.56	336.99

33 14 19 00-0307 Two Way, Modern Model Fire Hydrant *(33 14 19 00-0243)*

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0308	EA	1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,551.20	235.89
33 14 19 00-0309	EA	2' Burial Section, Two Way, Modern Type Fire Hydrant	2,615.46	235.89
33 14 19 00-0310	EA	2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,680.44	235.89
33 14 19 00-0311	EA	3' Burial Section, Two Way, Modern Type Fire Hydrant	2,760.79	252.74
33 14 19 00-0312	EA	3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,825.03	252.74
33 14 19 00-0313	EA	4' Burial Section, Two Way, Modern Type Fire Hydrant	2,910.33	273.80
33 14 19 00-0314	EA	4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,974.55	273.80
33 14 19 00-0315	EA	5' Burial Section, Two Way, Modern Type Fire Hydrant	3,059.94	294.87
33 14 19 00-0316	EA	5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,123.99	294.87
33 14 19 00-0317	EA	6' Burial Section, Two Way, Modern Type Fire Hydrant	3,209.30	315.92
33 14 19 00-0318	EA	6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,294.69	336.99
33 14 19 00-0319	EA	7' Burial Section, Two Way, Modern Type Fire Hydrant	3,400.25	379.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0320		**Fire Hydrant Extension Kits** *(33 14 19 00-0243)*		
33 14 19 00-0321	EA	6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	523.37	21.07
33 14 19 00-0322	EA	12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	620.59	26.33
33 14 19 00-0323	EA	18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	674.07	31.59
33 14 19 00-0324	EA	24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	763.20	38.97
33 14 19 00-0325	EA	30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,170.36	40.55
33 14 19 00-0326	EA	36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,251.17	42.12
33 14 19 00-0327	EA	42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,268.77	44.23
33 14 19 00-0328	EA	48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,339.44	47.39
33 14 19 00-0329	EA	54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,472.16	56.86
33 14 19 00-0330	EA	60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,545.29	68.45
33 14 19 00-0331	EA	6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	582.47	23.59
33 14 19 00-0332	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	688.15	28.65
33 14 19 00-0333	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	788.29	34.54
33 14 19 00-0334	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	877.22	42.97
33 14 19 00-0335	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,214.99	44.65
33 14 19 00-0336	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,296.74	46.34
33 14 19 00-0337	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,351.90	48.87
33 14 19 00-0338	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,585.84	52.23
33 14 19 00-0339	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,732.79	62.34
33 14 19 00-0340	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,811.27	74.98
33 14 19 00-0341		**Remove And Reinstall Standard Fire Hydrant** *(33 14 19 00-0243)* Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 14 19 00-0342	EA	Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant	673.97	
33 14 19 00-0343	EA	>5' Burial Section, Removal And Reinstallation Of Fire Hydrant	982.88	
33 14 19 00-0344	EA	Reset Fire Hydrant Upper Barrel Note: Includes Safety Repair Kit	817.19	

33 14 23 Enclosures for Water Utility Piping and Valves *(33 14)*

See CSI section 22 11 19 00-0375 for Enclosures.

33 16 Water Utility Storage Tanks *(33 10)*

33 16 23 Ground-Level Steel Water Storage Tanks *(33 16)*

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 19 Water Utility Metering Equipment *(33 10)*

33 19 11 Water Utility Metering *(33 19)*

33 19 11 00-0001		**Bronze Disk Type Water Service Meters** *(33 19 11)*		
33 19 11 00-0002	EA	5/8" Diameter, 0 - 20 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	284.37	50.60
33 19 11 00-0003	EA	3/4" Diameter, 0 - 30 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	357.93	60.32
33 19 11 00-0004	EA	1" Diameter, 0 - 50 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	482.40	69.08
33 19 11 00-0005	EA	1-1/2" Diameter, 0 - 100 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	943.08	103.13
33 19 11 00-0006	EA	2" Diameter, 0 - 160 GPM, Screwed, Water Supply Meter, Disk Type, Bronze	1,278.55	134.26
33 19 11 00-0007		**Magnetic Driven, Positive Displacement Type Water Service Meters** *(33 19 11)*		
33 19 11 00-0008	EA	5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i)	346.35	50.60
		For Owner Furnished Material, Deduct	*-295.14*	
33 19 11 00-0009	EA	3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	395.60	60.32
		For Owner Furnished Material, Deduct	*-334.80*	
33 19 11 00-0010	EA	1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	583.21	69.08
		For Owner Furnished Material, Deduct	*-513.72*	
33 19 11 00-0011	EA	1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	983.09	103.13
		For Owner Furnished Material, Deduct	*-879.59*	
33 19 11 00-0012	EA	2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i)	1,219.02	134.26
		For Owner Furnished Material, Deduct	*-1,083.90*	
33 19 11 00-0013	EA	Electronic Transmitter Note: For use with transmitting meter valve.	275.86	24.33
		For Owner Furnished Material, Deduct	*-251.53*	
33 19 11 00-0014		**Flanged Compound Type Water Service Meter** *(33 19 11)*		
33 19 11 00-0015	EA	2" Diameter, 0 - 160 GPM Water Service Meter Compound Type, Flanged And Bronze	1,614.70	119.37
33 19 11 00-0016	EA	3" Diameter, 0 - 320 GPM Water Service Meter Compound Type, Flanged And Bronze	1,890.35	152.24
33 19 11 00-0017	EA	4" Diameter, 0 - 500 GPM Water Service Meter Compound Type, Flanged And Bronze	3,185.64	288.36
33 19 11 00-0018	EA	6" Diameter, 0 - 1,000 GPM Water Service Meter Compound Type, Flanged And Bronze	4,365.15	322.39
33 19 11 00-0019	EA	8" Diameter, 0 - 1,600 GPM Water Service Meter Compound Type, Flanged And Bronze	8,921.18	411.94
33 19 11 00-0020	EA	10" Diameter, 0 - 2,500 GPM Water Service Meter Compound Type, Flanged And Bronze	15,240.02	501.49
33 19 11 00-0021		**Flanged Electromagnetic Flow (EMF) Water Meter** *(33 19 11)*		
33 19 11 00-0022	EA	2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	5,025.81	119.37
33 19 11 00-0023	EA	3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	6,944.91	152.24
33 19 11 00-0024	EA	4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	8,003.24	288.36
33 19 11 00-0025		**Flanged Turbine Water Service Meter** *(33 19 11)*		
33 19 11 00-0026		**Vertical Turbine Meters** *(33 19 11 00-0025)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 19 11 00-0027	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged	432.15	94.03
33 19 11 00-0028	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged	597.29	119.37
33 19 11 00-0029	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged	983.24	152.24
33 19 11 00-0030	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged	1,532.70	288.36
33 19 11 00-0031	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged	2,748.05	322.39

33 19 11 00-0032 Horizontal Turbine Meters *(33 19 11 00-0025)*

33 19 11 00-0033	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged	641.70	94.03
33 19 11 00-0034	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged	896.45	119.37
33 19 11 00-0035	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged	1,103.17	152.24
33 19 11 00-0036	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged	1,691.24	288.36
33 19 11 00-0037	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged	3,325.68	322.39
33 19 11 00-0038	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged	4,442.11	411.94
33 19 11 00-0039	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged	6,188.13	501.49
33 19 11 00-0040	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged	8,164.38	1,011.93

33 30 Sanitary Sewerage Utilities *(33)*

33 31 Sanitary Sewerage Piping *(33 30)*

33 31 11 Public Sanitary Sewerage Gravity Piping *(33 31)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 31 11 00-0001 Plastic Sewer And Drain Piping *(33 31 11)*

33 31 11 00-0002 Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0001)*

33 31 11 00-0003	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	7.08	3.24
33 31 11 00-0004	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	8.46	3.82
33 31 11 00-0005	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	10.93	4.63
33 31 11 00-0006	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	13.21	5.41
33 31 11 00-0007	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	16.77	6.28
33 31 11 00-0008	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	21.17	7.31
33 31 11 00-0009	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	26.07	7.56
33 31 11 00-0010	LF	12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	31.76	7.84

33 31 11 00-0011 Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0001)*

Note: D-2729 PVC pipe.

33 31 11 00-0012	LF	3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	10.27	4.63
33 31 11 00-0013	LF	4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	12.06	5.41
33 31 11 00-0014	LF	6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	15.04	6.28

33 31 11 00-0015 Polyvinyl Chloride (PVC) Sewer And Drain Fittings *(33 31 11 00-0001)*

33 31 11 00-0016 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*

33 31 11 00-0017	EA	1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	18.34	11.36
33 31 11 00-0018	EA	2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	23.64	14.70
33 31 11 00-0019	EA	3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	34.72	19.74
33 31 11 00-0020	EA	4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	44.92	22.82
33 31 11 00-0021	EA	6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	109.81	29.66
33 31 11 00-0022	EA	8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	171.67	39.91
33 31 11 00-0023	EA	10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	227.23	53.17

33 31 11 00-0024 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*

33 31 11 00-0025	EA	1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	18.64	11.36
33 31 11 00-0026	EA	2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	23.61	14.70
33 31 11 00-0027	EA	3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	34.27	19.74
33 31 11 00-0028	EA	4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	42.75	22.82
33 31 11 00-0029	EA	6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	104.29	29.66
33 31 11 00-0030	EA	8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	158.83	39.91
33 31 11 00-0031	EA	10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	189.45	53.17
33 31 11 00-0032	EA	12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	272.37	70.80

33 31 11 00-0033 Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*

33 31 11 00-0034	EA	1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	21.72	11.20
33 31 11 00-0035	EA	2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	25.71	14.70
33 31 11 00-0036	EA	3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	40.70	20.17
33 31 11 00-0037	EA	4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	57.37	24.62
33 31 11 00-0038	EA	6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	89.05	28.46
33 31 11 00-0039	EA	8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	135.77	32.48
33 31 11 00-0040	EA	10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	203.85	37.86
33 31 11 00-0041	EA	12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	292.74	44.14

33 31 11 00-0042 1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*

33 31 11 00-0043	EA	1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	19.27	11.36
33 31 11 00-0044	EA	2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	24.25	14.70
33 31 11 00-0045	EA	3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	36.12	19.74
33 31 11 00-0046	EA	4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	46.17	22.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0047	EA	6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	128.19	29.66
33 31 11 00-0048	EA	8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	198.42	39.91
33 31 11 00-0049	EA	10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	233.31	53.17
33 31 11 00-0050	EA	12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	257.75	70.80
33 31 11 00-0051		**Reducers, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0052	EA	2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	22.06	12.97
33 31 11 00-0053	EA	3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	31.44	15.49
33 31 11 00-0054	EA	3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	32.50	17.08
33 31 11 00-0055	EA	4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	41.60	18.66
33 31 11 00-0056	EA	4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	45.98	21.18
33 31 11 00-0057	EA	6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	96.90	26.21
33 31 11 00-0058	EA	8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	182.10	34.75
33 31 11 00-0059	EA	10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	93.24	37.95
33 31 11 00-0060	EA	10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	118.72	41.39
33 31 11 00-0061	EA	10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	118.34	46.49
33 31 11 00-0062	EA	12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	205.39	50.25
33 31 11 00-0063	EA	12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	219.52	55.34
33 31 11 00-0064	EA	12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	236.32	61.98
33 31 11 00-0065		**Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0066	EA	1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	28.03	17.18
33 31 11 00-0067	EA	2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	36.55	22.22
33 31 11 00-0068	EA	3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	52.74	29.32
33 31 11 00-0069	EA	4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	71.22	36.41
33 31 11 00-0070	EA	6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	156.67	39.91
33 31 11 00-0071	EA	8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	204.96	53.17
33 31 11 00-0072		**Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0073	EA	1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	30.33	17.18
33 31 11 00-0074	EA	2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	37.89	22.22
33 31 11 00-0075	EA	3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	54.44	29.32
33 31 11 00-0076	EA	4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	74.01	36.41
33 31 11 00-0077	EA	6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	146.21	39.91
33 31 11 00-0078	EA	8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	185.11	53.17
33 31 11 00-0079	EA	10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	244.57	70.94
33 31 11 00-0080	EA	12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	366.33	94.67
33 31 11 00-0081		**Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0082	EA	2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	33.93	17.18
33 31 11 00-0083	EA	2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	41.40	22.22
33 31 11 00-0084	EA	3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	52.08	29.32
33 31 11 00-0085	EA	4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	70.18	36.41
33 31 11 00-0086	EA	4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	72.80	36.41
33 31 11 00-0087		**Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0088	EA	1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	43.05	22.22
33 31 11 00-0089	EA	2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	56.56	29.32
33 31 11 00-0090	EA	3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	91.76	39.57
33 31 11 00-0091	EA	4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	137.57	47.86
33 31 11 00-0092	EA	2" x 2" x 1-1/2" x 1-1/2 Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	55.48	29.32
33 31 11 00-0093	EA	3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	83.47	39.57
33 31 11 00-0094	EA	4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	123.88	47.86
33 31 11 00-0095		**Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0096	EA	1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	33.19	17.18
33 31 11 00-0097	EA	2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	42.36	22.22
33 31 11 00-0098	EA	3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	67.86	29.32
33 31 11 00-0099	EA	4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	104.10	36.41
33 31 11 00-0100	EA	2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	52.08	22.22
33 31 11 00-0101	EA	3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	76.66	29.32
33 31 11 00-0102	EA	3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	64.42	29.32
33 31 11 00-0103	EA	4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	99.97	36.41
33 31 11 00-0104	EA	4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	103.75	36.41
33 31 11 00-0105		**Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		
33 31 11 00-0106	EA	1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	45.27	22.22
33 31 11 00-0107	EA	2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	56.81	29.32
33 31 11 00-0108	EA	3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	81.57	39.57
33 31 11 00-0109	EA	4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	189.02	47.86
33 31 11 00-0110	EA	6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	505.02	53.00
33 31 11 00-0111		**Cleanout Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0015)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0112	EA	4" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	208.97	90.94
33 31 11 00-0113	EA	6" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	386.76	117.31
33 31 11 00-0114	EA	8" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	510.50	165.32
33 31 11 00-0115	EA	10" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	747.00	265.94
33 31 11 00-0116		Couplings, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0117	EA	1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	18.22	11.36
33 31 11 00-0118	EA	2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	23.14	14.62
33 31 11 00-0119	EA	3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	32.62	19.57
33 31 11 00-0120	EA	4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	39.47	22.82
33 31 11 00-0121	EA	6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	73.68	29.66
33 31 11 00-0122	EA	8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	144.06	39.91
33 31 11 00-0123	EA	10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	210.31	53.17
33 31 11 00-0124	EA	12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	328.70	70.80
33 31 11 00-0125		Adapters, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0126	EA	4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting	100.40	62.87
33 31 11 00-0127	EA	2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting	73.73	47.82
33 31 11 00-0128	EA	2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting	74.62	47.82
33 31 11 00-0129	EA	3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting	76.99	47.82
33 31 11 00-0130	EA	4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	101.05	62.87
33 31 11 00-0131	EA	4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	99.15	62.87
33 31 11 00-0132	EA	4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	96.02	62.87
33 31 11 00-0133	EA	4" Drain Grate, Drain And Sewer Fitting	50.74	32.33
33 31 11 00-0134		Caps, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0135	EA	3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	23.80	12.22
33 31 11 00-0136	EA	4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	35.14	15.22
33 31 11 00-0137	EA	6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	58.97	19.65
33 31 11 00-0138		Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0015)*		
33 31 11 00-0139	EA	1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	18.14	11.36
33 31 11 00-0140	EA	2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	23.50	14.70
33 31 11 00-0141	EA	3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	33.18	19.74
33 31 11 00-0142	EA	4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	40.97	22.82
33 31 11 00-0143	EA	6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	62.41	29.66
33 31 11 00-0144	EA	8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	175.05	39.91
33 31 11 00-0145		Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0146	LF	4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	13.94	5.41
33 31 11 00-0147	LF	6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	18.55	6.28
33 31 11 00-0148	LF	8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	24.79	7.31
33 31 11 00-0149	LF	10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	30.38	7.56
33 31 11 00-0150	LF	12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	37.15	7.84
33 31 11 00-0151	LF	15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	48.45	8.11
33 31 11 00-0152	LF	18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	61.39	8.40
33 31 11 00-0153	LF	21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	79.72	9.13
33 31 11 00-0154	LF	24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	96.67	9.85
33 31 11 00-0155	LF	27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	120.20	11.55
33 31 11 00-0156		Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0157	LF	4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	12.61	5.41
33 31 11 00-0158	LF	6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	16.19	6.28
33 31 11 00-0159	LF	8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe	20.95	7.31
33 31 11 00-0160		Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings *(33 31 11 00-0001)* Note: ASTM 3034.		
33 31 11 00-0161		1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) *(33 31 11 00-0160)*		
33 31 11 00-0162	EA	4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	57.82	20.81
33 31 11 00-0163	EA	6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	82.88	24.20
33 31 11 00-0164	EA	8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	163.65	27.44
33 31 11 00-0165	EA	10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	449.54	32.27
33 31 11 00-0166	EA	12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	580.66	41.15
33 31 11 00-0167		1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) *(33 31 11 00-0160)*		
33 31 11 00-0168	EA	4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	53.07	20.81
33 31 11 00-0169	EA	6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	77.64	24.20
33 31 11 00-0170	EA	8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	150.40	27.44
33 31 11 00-0171	EA	10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	324.75	32.27
33 31 11 00-0172	EA	12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	462.01	41.15
33 31 11 00-0173	EA	15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	977.80	58.10
33 31 11 00-0174	EA	18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,547.22	82.30
33 31 11 00-0175	EA	21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,569.61	108.93
33 31 11 00-0176	EA	24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	3,502.32	145.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0177		**Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0178	EA	4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	87.41	31.23
33 31 11 00-0179	EA	6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	134.24	34.61
33 31 11 00-0180	EA	6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	149.79	36.31
33 31 11 00-0181	EA	8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	164.49	38.00
33 31 11 00-0182	EA	8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	186.78	39.69
33 31 11 00-0183	EA	8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	343.44	41.40
33 31 11 00-0184	EA	10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	435.49	42.36
33 31 11 00-0185	EA	10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	492.06	44.38
33 31 11 00-0186	EA	10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	718.57	46.07
33 31 11 00-0187	EA	10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	931.79	48.41
33 31 11 00-0188	EA	12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	535.61	51.56
33 31 11 00-0189	EA	12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	567.99	53.25
33 31 11 00-0190	EA	12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	801.80	54.94
33 31 11 00-0191	EA	12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,147.45	57.28
33 31 11 00-0192	EA	12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,291.94	61.73
33 31 11 00-0193		**Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0194	EA	4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	83.72	31.23
33 31 11 00-0195	EA	6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	121.95	34.61
33 31 11 00-0196	EA	6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	133.28	36.31
33 31 11 00-0197	EA	8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	159.22	38.00
33 31 11 00-0198	EA	8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	180.50	39.69
33 31 11 00-0199	EA	8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	268.32	41.40
33 31 11 00-0200	EA	10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	399.94	42.69
33 31 11 00-0201	EA	10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	408.32	44.38
33 31 11 00-0202	EA	10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	605.82	46.07
33 31 11 00-0203	EA	10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	669.33	48.41
33 31 11 00-0204	EA	12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	505.85	51.56
33 31 11 00-0205	EA	12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	521.76	53.25
33 31 11 00-0206	EA	12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	738.43	54.94
33 31 11 00-0207	EA	12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	886.10	57.28
33 31 11 00-0208	EA	12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	925.99	61.73
33 31 11 00-0209	EA	15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,140.44	74.24
33 31 11 00-0210	EA	15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,263.73	78.67
33 31 11 00-0211	EA	15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,575.37	87.14
33 31 11 00-0212		**Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0213	EA	4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	57.40	20.81
33 31 11 00-0214	EA	6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	85.68	24.20
33 31 11 00-0215	EA	8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	123.01	27.60
33 31 11 00-0216	EA	10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	224.73	32.27
33 31 11 00-0217	EA	12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	316.93	41.15
33 31 11 00-0218	EA	15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	610.65	58.10
33 31 11 00-0219	EA	18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,137.40	82.30
33 31 11 00-0220	EA	21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,886.18	108.93
33 31 11 00-0221	EA	24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,725.35	145.23
33 31 11 00-0222		**Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0223	EA	6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	102.70	22.51
33 31 11 00-0224	EA	8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	143.82	24.20
33 31 11 00-0225	EA	8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	151.82	25.90
33 31 11 00-0226	EA	10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	329.53	28.24
33 31 11 00-0227	EA	10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	377.69	29.94
33 31 11 00-0228	EA	12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	421.70	32.68
33 31 11 00-0229	EA	12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	482.70	34.37
33 31 11 00-0230	EA	12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	552.35	36.71
33 31 11 00-0231	EA	15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	829.27	49.62
33 31 11 00-0232		**Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0233	EA	6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	87.28	
33 31 11 00-0234	EA	8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	114.08	
33 31 11 00-0235	EA	8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	116.36	
33 31 11 00-0236	EA	10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	186.71	
33 31 11 00-0237	EA	10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	196.24	
33 31 11 00-0238	EA	10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	360.22	
33 31 11 00-0239	EA	12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	213.72	
33 31 11 00-0240	EA	12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	231.59	
33 31 11 00-0241	EA	12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	496.33	
33 31 11 00-0242	EA	12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	582.36	
33 31 11 00-0243	EA	15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	249.77	
33 31 11 00-0244	EA	15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	265.36	
33 31 11 00-0245		**Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0160)*		
33 31 11 00-0246	EA	6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	92.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0247	EA	8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	114.08	
33 31 11 00-0248	EA	8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	123.62	
33 31 11 00-0249	EA	10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	172.57	
33 31 11 00-0250	EA	10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	195.10	
33 31 11 00-0251	EA	10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	289.05	
33 31 11 00-0252	EA	12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	212.59	
33 31 11 00-0253	EA	12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	230.51	
33 31 11 00-0254	EA	12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	336.97	
33 31 11 00-0255	EA	12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	406.45	
33 31 11 00-0256	EA	15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	249.07	
33 31 11 00-0257	EA	15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	260.08	
33 31 11 00-0258	EA	15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	417.49	
33 31 11 00-0259	EA	15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	459.41	
33 31 11 00-0260	EA	15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	639.61	

33 31 11 00-0261 Couplings And Plug Fittings *(33 31 11)*

33 31 11 00-0262 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings *(33 31 11 00-0261)*

Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.

33 31 11 00-0263	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	18.01	5.92
33 31 11 00-0264	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	19.62	6.90
33 31 11 00-0265	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	22.97	7.89
33 31 11 00-0266	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	26.26	8.38
33 31 11 00-0267	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	32.95	8.88
33 31 11 00-0268	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	39.70	9.86
33 31 11 00-0269	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	51.86	10.85
33 31 11 00-0270	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	65.26	11.34
33 31 11 00-0271	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212)	112.39	11.84
33 31 11 00-0272	EA	15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1515)	155.54	12.82
33 31 11 00-0273	EA	18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1818)	307.69	13.32
33 31 11 00-0274	EA	21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2121)	358.51	14.06
33 31 11 00-0275	EA	24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2424)	397.75	14.80
33 31 11 00-0276	EA	27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2727)	477.51	15.78

33 31 11 00-0277 Cast Iron Service Saddles With U Bolt *(33 31 11)*

33 31 11 00-0278	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	95.40	
33 31 11 00-0279	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	95.87	
33 31 11 00-0280	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	105.58	
33 31 11 00-0281	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	102.04	
33 31 11 00-0282	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	115.01	
33 31 11 00-0283	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	129.15	
33 31 11 00-0284	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	152.91	
33 31 11 00-0285	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	129.13	
33 31 11 00-0286	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	141.12	
33 31 11 00-0287	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	162.90	
33 31 11 00-0288	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	104.72	
33 31 11 00-0289	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	114.44	
33 31 11 00-0290	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	135.40	
33 31 11 00-0291	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	160.59	
33 31 11 00-0292	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	172.47	

33 32 Sanitary Sewerage Equipment *(33 30)*

33 32 16 Packaged Wastewater Grinder Pump Assemblies *(33 32)*

33 32 16 00-0001 Submersible Grinder Pumps, Cast Iron With Bronze Impeller *(33 32 16)*

33 32 16 00-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,069.18	292.06
33 32 16 00-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,038.48	292.06
33 32 16 00-0004	EA	Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	991.76	97.32
33 32 16 00-0005	EA	Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,562.25	97.32
33 32 16 00-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74)	8,159.80	

33 32 16 00-0007 Submersible Grinder Pumps *(33 32 16)*

Note: Includes 50' of cord with pumps unless otherwise noted.

33 32 16 00-0008	EA	2 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	3,568.39	579.05
33 32 16 00-0009	EA	3 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	5,413.22	675.55
33 32 16 00-0010	EA	5 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof	6,611.57	868.56

33 40 Stormwater Utilities *(33)*

33 41 Subdrainage *(33 40)*

33 41 16 Subdrainage Piping *(33 41)*

See CSI section 33 42 11 00-0159 for polyethylene drain pipe.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 00-0001		**Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729** *(33 41 16)*		
		Note: Includes fittings, couplings, elbows, etc.		
33 41 16 00-0002	LF	3" Perforated Polyvinyl Chloride (PVC) Drainage Piping	5.53	3.46
33 41 16 00-0003	LF	4" Perforated Polyvinyl Chloride (PVC) Drainage Piping	6.03	3.73
33 41 16 00-0004	LF	6" Perforated Polyvinyl Chloride (PVC) Drainage Piping	8.44	4.49
33 41 16 00-0005	LF	8" Perforated Polyvinyl Chloride (PVC) Drainage Piping	12.99	5.61
33 41 16 00-0006	LF	10" Perforated Polyvinyl Chloride (PVC) Drainage Piping	21.17	6.41
33 41 16 00-0007	LF	12" Perforated Polyvinyl Chloride (PVC) Drainage Piping	27.24	7.48
33 41 16 00-0008	LF	15" Perforated Polyvinyl Chloride (PVC) Drainage Piping	41.21	8.97
33 41 16 00-0009		**Perforated Non Reinforced Concrete Drainage Piping, C444** *(33 41 16)*		
33 41 16 00-0010	LF	6" Perforated Non Reinforced Concrete Drainage Pipe	25.15	9.91
		For Extra Strength, Add	*1.29*	
		For >1,000, Deduct	*-1.26*	
33 41 16 00-0011	LF	8" Perforated Non Reinforced Concrete Drainage Pipe	29.29	11.01
		For Extra Strength, Add	*1.59*	
		For >1,000, Deduct	*-1.46*	
33 41 16 00-0012	LF	10" Perforated Non Reinforced Concrete Drainage Pipe	33.08	12.11
		For Extra Strength, Add	*1.85*	
		For >1,000, Deduct	*-1.65*	
33 41 16 00-0013	LF	12" Perforated Non Reinforced Concrete Drainage Pipe	38.66	13.21
		For Extra Strength, Add	*2.33*	
		For >1,000, Deduct	*-1.93*	
33 41 16 00-0014		**Extra Strength Porous Non Reinforced Concrete Drainage Piping, C654** *(33 41 16)*		
		Note: Bell and spigot or tongue and groove. With seals and gaskets.		
33 41 16 00-0015	LF	6" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	21.15	9.91
		For >1,000, Deduct	*-1.06*	
33 41 16 00-0016	LF	8" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	23.41	11.01
		For >1,000, Deduct	*-1.17*	
33 41 16 00-0017	LF	10" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	25.82	12.11
		For >1,000, Deduct	*-1.29*	
33 41 16 00-0018	LF	12" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	29.36	12.57
		For >1,000, Deduct	*-1.47*	
33 41 16 00-0019	LF	15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	34.01	14.15
		For >1,000, Deduct	*-1.70*	
33 41 16 00-0020	LF	18" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	42.10	18.08
		For >1,000, Deduct	*-2.11*	
33 41 16 00-0021	LF	21" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	52.63	23.19
		For >1,000, Deduct	*-2.63*	
33 41 16 00-0022	LF	24" Extra Strength Porous Non Reinforced Concrete Drainage Pipe	64.15	28.31
		For >1,000, Deduct	*-3.21*	
33 41 16 00-0023		**Standard Strength Porous Non Reinforced Concrete Drainage Piping, C654** *(33 41 16)*		
33 41 16 00-0024	LF	6" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	19.82	9.91
		For >1,000, Deduct	*-0.99*	
33 41 16 00-0025	LF	8" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	24.87	11.01
		For >1,000, Deduct	*-1.24*	
33 41 16 00-0026	LF	10" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	31.12	12.11
		For >1,000, Deduct	*-1.56*	
33 41 16 00-0027	LF	12" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	37.48	13.21
		For >1,000, Deduct	*-1.87*	
33 41 16 00-0028	LF	15" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	42.85	14.69
		For >1,000, Deduct	*-2.14*	
33 41 16 00-0029	LF	18" Standard Strength Porous Non Reinforced Concrete Drainage Pipe	55.38	18.33
		For >1,000, Deduct	*-2.77*	
33 41 16 00-0030		**Perforated Vitrified Clay Drainage Piping, C700** *(33 41 16)*		
33 41 16 00-0031	LF	4" Perforated Vitrified Clay Drainage Pipe	22.15	11.01
33 41 16 00-0032	LF	6" Perforated Vitrified Clay Drainage Pipe	26.81	12.38
33 41 16 00-0033	LF	8" Perforated Vitrified Clay Drainage Pipe	31.37	12.38
33 41 16 00-0034	LF	10" Perforated Vitrified Clay Drainage Pipe	42.72	15.14
33 41 16 00-0035	LF	12" Perforated Vitrified Clay Drainage Pipe	51.43	16.51
33 41 16 00-0036		**Geotextile Filter Fabric Sock** *(33 41 16)*		
33 41 16 00-0037	LF	3" Geotextile Filter Fabric Sock	0.57	
33 41 16 00-0038	LF	4" Geotextile Filter Fabric Sock	0.76	
33 41 16 00-0039	LF	6" Geotextile Filter Fabric Sock	1.15	
33 41 16 00-0040	LF	8" Geotextile Filter Fabric Sock	1.54	
33 41 16 00-0041	LF	10" Geotextile Filter Fabric Sock	2.25	
33 41 16 00-0042	LF	12" Geotextile Filter Fabric Sock	3.04	
33 41 16 00-0043	LF	15" Geotextile Filter Fabric Sock	3.58	
33 41 16 00-0044		**Strip-Perforated, Galvanized, Corrugated Steel Pipe** *(33 41 16)*		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 00-0045	LF	6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	16.78	4.71
		For Full Perforated, Add	*0.73*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 00-0046	LF	8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	21.10	5.72
		For Full Perforated, Add	*0.97*	
33 41 16 00-0047	LF	10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	26.64	7.26
		For Full Perforated, Add	*1.21*	
33 41 16 00-0048	LF	12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	29.83	8.58
		For Full Perforated, Add	*1.27*	
33 41 16 00-0049	LF	15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	33.70	8.88
		For Full Perforated, Add	*1.59*	
33 41 16 00-0050	LF	18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	37.66	9.21
		For Full Perforated, Add	*1.93*	
33 41 16 00-0051	LF	21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	42.77	9.93
		For Full Perforated, Add	*2.29*	

33 41 16 00-0052 Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe *(33 41 16)*

Note: Perforations are located in the bottom quarter points of the pipe.

33 41 16 00-0053	LF	6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	17.96	4.71
		For Full Perforated, Add	*0.85*	
33 41 16 00-0054	LF	8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	22.70	5.72
		For Full Perforated, Add	*1.13*	
33 41 16 00-0055	LF	10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	28.59	7.26
		For Full Perforated, Add	*1.41*	
33 41 16 00-0056	LF	12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	31.73	8.58
		For Full Perforated, Add	*1.46*	
33 41 16 00-0057	LF	15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	36.05	8.88
		For Full Perforated, Add	*1.83*	
33 41 16 00-0058	LF	18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	40.45	9.21
		For Full Perforated, Add	*2.20*	
33 41 16 00-0059	LF	21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	46.02	9.93
		For Full Perforated, Add	*2.62*	

33 41 16 00-0060 Strip-Perforated, Corrugated Aluminum Pipe *(33 41 16)*

Note: Perforations are located in the bottom quarter points of the pipe.

33 41 16 00-0061	LF	6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	18.34	4.71
		For Full Perforated, Add	*0.89*	
33 41 16 00-0062	LF	8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	23.19	5.72
		For Full Perforated, Add	*1.18*	
33 41 16 00-0063	LF	10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	29.22	7.26
		For Full Perforated, Add	*1.47*	
33 41 16 00-0064	LF	12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	36.42	8.58
		For Full Perforated, Add	*1.93*	
33 41 16 00-0065	LF	15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	41.88	8.88
		For Full Perforated, Add	*2.41*	
33 41 16 00-0066	LF	18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	47.52	9.21
		For Full Perforated, Add	*2.91*	
33 41 16 00-0067	LF	21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	54.26	9.93
		For Full Perforated, Add	*3.44*	

33 41 16 00-0068 Prefabricated Composite Drains *(33 41 16)*

33 41 16 00-0069 Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) *(33 41 16 00-0068)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.

33 41 16 00-0070	LF	12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	7.41	1.79
		For External Typar Geotextile Wrap, Add	*1.20*	
33 41 16 00-0071	EA	Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	32.41	
33 41 16 00-0072	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	32.41	
33 41 16 00-0073	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	60.21	
33 41 16 00-0074	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	60.21	
33 41 16 00-0075	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	11.55	2.24
		For External Typar Geotextile Wrap, Add	*1.80*	
33 41 16 00-0076	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	46.69	
33 41 16 00-0077	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	46.69	
33 41 16 00-0078	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	67.64	
33 41 16 00-0079	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	67.64	

33 41 19 Underslab Drainage *(33 41)*

33 41 19 00-0001 Capillary Water Barrier Underslab Drainage *(33 41 19)*

Note: Consists of a layer of fine granular material overlying a coarse layer.

33 41 19 00-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	59.60	
33 41 19 00-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	57.50	
33 41 19 00-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	56.65	
33 41 19 00-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	55.40	

33 42 Stormwater Conveyance *(33 40)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 42 11 Stormwater Gravity Piping *(33 42)*

33 42 11 00-0001 Reinforced Concrete Piping *(33 42 11)*

33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets *(33 42 11 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	37.34	13.21
		For >1,000, Deduct	*-1.87*	
		For Class 4, Add	*1.75*	
		For Class 5, Add	*3.69*	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	44.66	14.69
		For >1,000, Deduct	*-2.23*	
		For Class 4, Add	*2.25*	
		For Class 5, Add	*4.73*	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	51.06	18.33
		For >1,000, Deduct	*-2.55*	
		For Class 4, Add	*2.36*	
		For Class 5, Add	*4.98*	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	65.36	23.12
		For >1,000, Deduct	*-3.27*	
		For Class 4, Add	*3.07*	
		For Class 5, Add	*6.47*	
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	76.69	28.06
		For >1,000, Deduct	*-3.83*	
		For Class 4, Add	*3.48*	
		For Class 5, Add	*7.32*	
33 42 11 00-0008	LF	27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	96.95	35.54
		For >1,000, Deduct	*-4.85*	
		For Class 4, Add	*4.39*	
		For Class 5, Add	*9.24*	
33 42 11 00-0009	LF	30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	103.00	36.70
		For >1,000, Deduct	*-5.15*	
		For Class 4, Add	*4.75*	
		For Class 5, Add	*9.99*	
33 42 11 00-0010	LF	36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	126.71	41.70
		For >1,000, Deduct	*-6.34*	
		For Class 4, Add	*6.44*	
		For Class 5, Add	*13.55*	
33 42 11 00-0011	LF	42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	162.92	45.87
		For >1,000, Deduct	*-8.15*	
		For Class 4, Add	*9.31*	
		For Class 5, Add	*19.61*	
33 42 11 00-0012	LF	48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	194.57	51.08
		For >1,000, Deduct	*-9.73*	
		For Class 4, Add	*11.55*	
		For Class 5, Add	*24.32*	
33 42 11 00-0013	LF	54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	241.28	58.38
		For >1,000, Deduct	*-12.06*	
		For Class 4, Add	*15.00*	
		For Class 5, Add	*31.58*	
33 42 11 00-0014	LF	60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	290.92	67.72
		For >1,000, Deduct	*-14.55*	
		For Class 4, Add	*18.45*	
		For Class 5, Add	*38.83*	

33 42 11 00-0015 Concrete Reducing Wye Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0016	EA	12" Concrete Reducing Wye Without Gaskets	437.46	50.32
33 42 11 00-0017	EA	15" Concrete Reducing Wye Without Gaskets	524.77	61.33
33 42 11 00-0018	EA	18" Concrete Reducing Wye Without Gaskets	647.16	67.61
33 42 11 00-0019	EA	21" Concrete Reducing Wye Without Gaskets	743.70	83.34
33 42 11 00-0020	EA	24" Concrete Reducing Wye Without Gaskets	841.48	100.63

33 42 11 00-0021 Concrete Pipe Joint Gaskets *(33 42 11 00-0001)*

33 42 11 00-0022	EA	12" Diameter Concrete Pipe Joint Gasket	4.10	
33 42 11 00-0023	EA	15" Diameter Concrete Pipe Joint Gasket	4.85	
33 42 11 00-0024	EA	18" Diameter Concrete Pipe Joint Gasket	5.62	
33 42 11 00-0025	EA	21" Diameter Concrete Pipe Joint Gasket	6.79	
33 42 11 00-0026	EA	24" Diameter Concrete Pipe Joint Gasket	7.95	
33 42 11 00-0027	EA	27" Diameter Concrete Pipe Joint Gasket	8.86	
33 42 11 00-0028	EA	30" Diameter Concrete Pipe Joint Gasket	9.74	
33 42 11 00-0029	EA	36" Diameter Concrete Pipe Joint Gasket	11.89	
33 42 11 00-0030	EA	42" Diameter Concrete Pipe Joint Gasket	13.79	
33 42 11 00-0031	EA	48" Diameter Concrete Pipe Joint Gasket	15.90	
33 42 11 00-0032	EA	54" Diameter Concrete Pipe Joint Gasket	19.49	
33 42 11 00-0033	EA	60" Diameter Concrete Pipe Joint Gasket	28.86	

33 42 11 00-0034 Precast Concrete Cut Off Wall *(33 42 11 00-0001)*

33 42 11 00-0035	EA	12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	221.00	146.78
33 42 11 00-0036	EA	15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	272.51	181.81
33 42 11 00-0037	EA	18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	337.35	230.18
33 42 11 00-0038	EA	21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	398.87	275.22
33 42 11 00-0039	EA	24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	458.63	318.50
33 42 11 00-0040	EA	27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	563.59	406.99
33 42 11 00-0041	EA	30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	733.67	560.44
33 42 11 00-0042	EA	36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	913.56	707.23
33 42 11 00-0043	EA	42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,126.34	887.20
33 42 11 00-0044	EA	48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,259.72	999.95
33 42 11 00-0045	EA	54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,405.90	1,120.89
33 42 11 00-0046	EA	60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,553.91	1,245.15
33 42 11 00-0047	EA	66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,614.81	1,292.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0048	EA	72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,668.38	1,334.39
33 42 11 00-0049	EA	78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,721.96	1,376.09
33 42 11 00-0050	EA	84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,777.02	1,417.79
33 42 11 00-0051		Strap Assembly *(33 42 11 00-0001)*		
		Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.		
33 42 11 00-0052	EA	Up To 24" Diameter Pipe, 12' Strap Assembly	170.48	
33 42 11 00-0053	EA	>24" Diameter Pipe, 12' Strap Assembly	239.40	
33 42 11 00-0054		Prestressed Concrete Cylinder Piping *(33 42 11)*		
33 42 11 00-0055		150 PSI Prestressed Concrete Cylinder Pipe And Fittings *(33 42 11 00-0054)*		
33 42 11 00-0056		150 PSI Prestressed Concrete Cylinder Pipe With Gaskets *(33 42 11 00-0055)*		
		Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".		
33 42 11 00-0057	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	98.46	13.21
		For >1,000, Deduct	*-4.92*	
		For 100 PSI, Deduct	*-19.90*	
33 42 11 00-0058	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	105.20	14.69
		For >1,000, Deduct	*-5.26*	
		For 100 PSI, Deduct	*-21.05*	
33 42 11 00-0059	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	114.99	18.33
		For >1,000, Deduct	*-5.75*	
		For 100 PSI, Deduct	*-22.20*	
33 42 11 00-0060	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	126.44	23.12
		For >1,000, Deduct	*-6.32*	
		For 100 PSI, Deduct	*-23.36*	
33 42 11 00-0061	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	138.13	28.06
		For >1,000, Deduct	*-6.91*	
		For 100 PSI, Deduct	*-24.51*	
33 42 11 00-0062	LF	30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	162.80	36.70
		For >1,000, Deduct	*-8.14*	
		For 100 PSI, Deduct	*-27.44*	
33 42 11 00-0063	LF	36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	180.45	41.70
		For >1,000, Deduct	*-9.02*	
		For 100 PSI, Deduct	*-30.37*	
33 42 11 00-0064	LF	42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	209.00	45.87
		For >1,000, Deduct	*-10.45*	
		For 100 PSI, Deduct	*-36.03*	
33 42 11 00-0065	LF	48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	239.71	51.08
		For >1,000, Deduct	*-11.99*	
		For 100 PSI, Deduct	*-41.68*	
33 42 11 00-0066	LF	54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	316.53	65.57
		For >1,000, Deduct	*-15.83*	
		For 100 PSI, Deduct	*-55.72*	
33 42 11 00-0067	LF	60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	380.95	76.06
		For >1,000, Deduct	*-19.05*	
		For 100 PSI, Deduct	*-68.08*	
33 42 11 00-0068		150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets *(33 42 11 00-0055)*		
33 42 11 00-0069	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	354.47	123.83
33 42 11 00-0070	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	492.03	176.89
33 42 11 00-0071	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	635.10	235.86
33 42 11 00-0072	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	778.16	294.82
33 42 11 00-0073	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	947.16	366.37
33 42 11 00-0074	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,209.95	491.38
33 42 11 00-0075	EA	36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,502.49	583.79
33 42 11 00-0076	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,750.24	681.38
33 42 11 00-0077	EA	48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,973.62	778.11
33 42 11 00-0078	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,431.77	971.60
33 42 11 00-0079	EA	60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,182.80	1,311.28
33 42 11 00-0080		150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets *(33 42 11 00-0055)*		
33 42 11 00-0081	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	333.11	123.83
33 42 11 00-0082	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	464.38	176.89
33 42 11 00-0083	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	602.42	235.86
33 42 11 00-0084	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	740.46	294.82
33 42 11 00-0085	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	904.43	366.37
33 42 11 00-0086	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,151.31	458.36
33 42 11 00-0087	EA	36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,435.46	583.79
33 42 11 00-0088	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,672.74	681.38
33 42 11 00-0089	EA	48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,890.25	778.11
33 42 11 00-0090	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,309.03	971.60
33 42 11 00-0091	EA	60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,069.97	1,311.28
33 42 11 00-0092		400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0054)*		
33 42 11 00-0093		400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0092)*		
		Note: AWWA C301		
33 42 11 00-0094	LF	30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	190.35	36.70
		For >1,000, Deduct	*-9.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0095	LF	36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	231.32	41.70
		For >1,000, Deduct	*-11.57*	
33 42 11 00-0096	LF	42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	269.39	45.87
		For >1,000, Deduct	*-13.47*	

33 42 11 00-0097 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0092)*

Note: AWWA C301

33 42 11 00-0098	LF	48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	361.03	51.04
		For >1,000, Deduct	*-18.05*	
33 42 11 00-0099	LF	54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	432.97	65.57
		For >1,000, Deduct	*-21.65*	
33 42 11 00-0100	LF	60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	499.22	76.06
		For >1,000, Deduct	*-24.96*	
33 42 11 00-0101	LF	66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	561.72	84.30
		For >1,000, Deduct	*-28.09*	
33 42 11 00-0102	LF	72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	678.57	91.79
		For >1,000, Deduct	*-33.93*	

33 42 11 00-0103 Welded Joints For Prestressed Concrete Cylinder Pipe *(33 42 11 00-0092)*

Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.

33 42 11 00-0104	EA	30" Welded Joint For Prestressed Concrete Cylinder Pipe	1,308.69
33 42 11 00-0105	EA	36" Welded Joint For Prestressed Concrete Cylinder Pipe	1,405.64
33 42 11 00-0106	EA	42" Welded Joint For Prestressed Concrete Cylinder Pipe	1,454.11
33 42 11 00-0107	EA	48" Welded Joint For Prestressed Concrete Cylinder Pipe	1,647.99
33 42 11 00-0108	EA	54" Welded Joint For Prestressed Concrete Cylinder Pipe	1,696.46
33 42 11 00-0109	EA	60" Welded Joint For Prestressed Concrete Cylinder Pipe	1,793.40
33 42 11 00-0110	EA	66" Welded Joint For Prestressed Concrete Cylinder Pipe	1,841.87
33 42 11 00-0111	EA	72" Welded Joint For Prestressed Concrete Cylinder Pipe	1,890.34
33 42 11 00-0112	EA	30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,423.51
33 42 11 00-0113	EA	36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,423.51
33 42 11 00-0114	EA	42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,762.80
33 42 11 00-0115	EA	48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,762.80
33 42 11 00-0116	EA	54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,956.68
33 42 11 00-0117	EA	60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	2,956.68
33 42 11 00-0118	EA	66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	3,199.03
33 42 11 00-0119	EA	72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	3,199.03

33 42 11 00-0120 Quick Test Joints *(33 42 11 00-0092)*

33 42 11 00-0121	EA	30" Quick Test Joint	368.99
33 42 11 00-0122	EA	36" Quick Test Joint	373.16
33 42 11 00-0123	EA	42" Quick Test Joint	377.33
33 42 11 00-0124	EA	48" Quick Test Joint	385.67
33 42 11 00-0125	EA	54" Quick Test Joint	405.64
33 42 11 00-0126	EA	60" Quick Test Joint	421.94
33 42 11 00-0127	EA	66" Quick Test Joint	445.17
33 42 11 00-0128	EA	72" Quick Test Joint	468.40

33 42 11 00-0129 Harnessed Joints *(33 42 11 00-0092)*

33 42 11 00-0130 Harness Clamp Restrained Joints *(33 42 11 00-0129)*

33 42 11 00-0131	EA	30" Harness Clamp Restrained Joint	3,142.82
33 42 11 00-0132	EA	36" Harness Clamp Restrained Joint	3,265.30
33 42 11 00-0133	EA	42" Harness Clamp Restrained Joint	3,387.78
33 42 11 00-0134	EA	48" Harness Clamp Restrained Joint	3,510.26
33 42 11 00-0135	EA	54" Harness Clamp Restrained Joint	3,643.01
33 42 11 00-0136	EA	60" Harness Clamp Restrained Joint	3,829.84
33 42 11 00-0137	EA	66" Harness Clamp Restrained Joint	3,957.51
33 42 11 00-0138	EA	72" Harness Clamp Restrained Joint	4,239.00

33 42 11 00-0139 Snap Ring Restrained Joints *(33 42 11 00-0129)*

33 42 11 00-0140	EA	30" Snap Ring Restrained Joint	539.97
33 42 11 00-0141	EA	36" Snap Ring Restrained Joint	615.12
33 42 11 00-0142	EA	42" Snap Ring Restrained Joint	820.42
33 42 11 00-0143	EA	48" Snap Ring Restrained Joint	931.07
33 42 11 00-0144	EA	54" Snap Ring Restrained Joint	1,051.98
33 42 11 00-0145	EA	60" Snap Ring Restrained Joint	1,191.50
33 42 11 00-0146	EA	66" Snap Ring Restrained Joint	1,319.17
33 42 11 00-0147	EA	72" Snap Ring Restrained Joint	1,470.51

33 42 11 00-0148 Pipe Repairs *(33 42 11 00-0092)*

Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.

33 42 11 00-0149 Lined Cylinder Pipe Repair *(33 42 11 00-0148)*

33 42 11 00-0150	EA	30" Lined Cylinder Pipe Repair	5,107.78
33 42 11 00-0151	EA	36" Lined Cylinder Pipe Repair	6,330.47
33 42 11 00-0152	EA	42" Lined Cylinder Pipe Repair	7,369.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0153		Embedded Cylinder Pipe Repair *(33 42 11 00-0148)* Note: Field welded concrete enclosure assembly with concrete pipe.		
33 42 11 00-0154	EA	48" Embedded Cylinder Pipe Repair	10,883.73	
33 42 11 00-0155	EA	54" Embedded Cylinder Pipe Repair	12,626.54	
33 42 11 00-0156	EA	60" Embedded Cylinder Pipe Repair	14,383.33	
33 42 11 00-0157	EA	66" Embedded Cylinder Pipe Repair	16,248.82	
33 42 11 00-0158	EA	72" Embedded Cylinder Pipe Repair	19,498.87	
33 42 11 00-0159		High Density Polyethylene (HDPE) Drainage Piping *(33 42 11)*		
33 42 11 00-0160		Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0159)* Note: Excludes couplings and gaskets.		
33 42 11 00-0161		Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0160)*		
33 42 11 00-0162	LF	4" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	12.00	5.41
		For <100, Add	*2.16*	
		For >1,000, Deduct	*-0.60*	
33 42 11 00-0163	LF	6" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	15.62	6.28
		For <100, Add	*2.51*	
		For >1,000, Deduct	*-0.78*	
33 42 11 00-0164	LF	8" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.19	7.31
		For <100, Add	*2.92*	
		For >1,000, Deduct	*-0.96*	
33 42 11 00-0165	LF	10" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	21.73	7.56
		For <100, Add	*3.02*	
		For >1,000, Deduct	*-1.09*	
33 42 11 00-0166	LF	12" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.84	7.84
		For <100, Add	*3.13*	
		For >1,000, Deduct	*-1.14*	
33 42 11 00-0167	LF	15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	25.84	8.11
		For <100, Add	*3.24*	
		For >1,000, Deduct	*-1.29*	
33 42 11 00-0168	LF	18" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	31.16	8.40
		For <100, Add	*3.36*	
		For >1,000, Deduct	*-1.56*	
33 42 11 00-0169	LF	24" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	42.55	9.85
		For <100, Add	*3.94*	
		For >1,000, Deduct	*-2.13*	
33 42 11 00-0170	LF	30" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	60.27	13.26
		For <100, Add	*5.30*	
		For >1,000, Deduct	*-3.01*	
33 42 11 00-0171	LF	36" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	79.16	16.75
		For <100, Add	*6.70*	
		For >1,000, Deduct	*-3.96*	
33 42 11 00-0172		Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0160)*		
33 42 11 00-0173	LF	12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.71	7.84
		For <100, Add	*3.13*	
		For >1,000, Deduct	*-1.14*	
33 42 11 00-0174	LF	15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.34	8.11
		For <100, Add	*3.24*	
		For >1,000, Deduct	*-1.32*	
33 42 11 00-0175	LF	18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	31.92	8.40
		For <100, Add	*3.36*	
		For >1,000, Deduct	*-1.60*	
33 42 11 00-0176	LF	24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	43.75	9.85
		For <100, Add	*3.94*	
		For >1,000, Deduct	*-2.19*	
33 42 11 00-0177	LF	30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	63.57	13.26
		For <100, Add	*5.30*	
		For >1,000, Deduct	*-3.18*	
33 42 11 00-0178	LF	36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	81.61	16.75
		For <100, Add	*6.70*	
		For >1,000, Deduct	*-4.08*	
33 42 11 00-0179	LF	42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	105.99	18.27
		For <100, Add	*7.31*	
		For >1,000, Deduct	*-5.30*	
33 42 11 00-0180	LF	48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	115.66	20.61
		For <100, Add	*8.25*	
		For >1,000, Deduct	*-5.78*	
33 42 11 00-0181		Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0159)* Note: Excludes couplings and gaskets.		
33 42 11 00-0182		Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0181)*		
33 42 11 00-0183	LF	4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	11.54	5.41
		For <100, Add	*2.16*	
		For >1,000, Deduct	*-0.58*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0184		LF	6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	14.21	6.28
			For <100, Add	*2.51*	
			For >1,000, Deduct	*-0.71*	
33 42 11 00-0185		LF	8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	17.52	7.31
			For <100, Add	*2.92*	
			For >1,000, Deduct	*-0.88*	
33 42 11 00-0186		LF	10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	20.50	7.56
			For <100, Add	*3.02*	
			For >1,000, Deduct	*-1.03*	
33 42 11 00-0187		LF	12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.37	7.84
			For <100, Add	*3.13*	
			For >1,000, Deduct	*-1.12*	
33 42 11 00-0188		LF	15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	25.98	8.11
			For <100, Add	*3.24*	
			For >1,000, Deduct	*-1.30*	
33 42 11 00-0189		LF	18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	32.11	8.40
			For <100, Add	*3.36*	
			For >1,000, Deduct	*-1.61*	
33 42 11 00-0190		LF	24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	43.58	9.85
			For <100, Add	*3.94*	
			For >1,000, Deduct	*-2.18*	

33 42 11 00-0191 Perforated, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0159)*

Note: Excludes couplings and gaskets.

33 42 11 00-0192 Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0191)*

33 42 11 00-0193		LF	4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	12.64	5.41
			For <100, Add	*2.16*	
			For >1,000, Deduct	*-0.63*	
33 42 11 00-0194		LF	6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	15.64	6.28
			For <100, Add	*2.51*	
			For >1,000, Deduct	*-0.78*	
33 42 11 00-0195		LF	8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.19	7.31
			For <100, Add	*2.92*	
			For >1,000, Deduct	*-0.96*	
33 42 11 00-0196		LF	10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	21.75	7.56
			For <100, Add	*3.02*	
			For >1,000, Deduct	*-1.09*	
33 42 11 00-0197		LF	12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.84	7.84
			For <100, Add	*3.13*	
			For >1,000, Deduct	*-1.14*	
33 42 11 00-0198		LF	15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	25.86	8.11
			For <100, Add	*3.24*	
			For >1,000, Deduct	*-1.29*	
33 42 11 00-0199		LF	18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	31.18	8.40
			For <100, Add	*3.36*	
			For >1,000, Deduct	*-1.56*	
33 42 11 00-0200		LF	24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	42.55	9.85
			For <100, Add	*3.94*	
			For >1,000, Deduct	*-2.13*	
33 42 11 00-0201		LF	30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	60.48	13.26
			For <100, Add	*5.30*	
			For >1,000, Deduct	*-3.02*	
33 42 11 00-0202		LF	36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	79.16	16.75
			For <100, Add	*6.70*	
			For >1,000, Deduct	*-3.96*	

33 42 11 00-0203 Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0191)*

33 42 11 00-0204		LF	12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.73	7.84
			For <100, Add	*3.13*	
			For >1,000, Deduct	*-1.14*	
33 42 11 00-0205		LF	15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.36	8.11
			For <100, Add	*3.24*	
			For >1,000, Deduct	*-1.32*	
33 42 11 00-0206		LF	18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	31.94	8.40
			For <100, Add	*3.36*	
			For >1,000, Deduct	*-1.60*	
33 42 11 00-0207		LF	24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	43.75	9.85
			For <100, Add	*3.94*	
			For >1,000, Deduct	*-2.19*	
33 42 11 00-0208		LF	30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	63.57	13.26
			For <100, Add	*5.30*	
			For >1,000, Deduct	*-3.18*	
33 42 11 00-0209		LF	36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	81.61	16.75
			For <100, Add	*6.70*	
			For >1,000, Deduct	*-4.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0210	LF	42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	105.99	18.27
		For <100, Add	*7.31*	
		For >1,000, Deduct	*-5.30*	
33 42 11 00-0211	LF	48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	115.66	20.61
		For <100, Add	*8.25*	
		For >1,000, Deduct	*-5.78*	

33 42 11 00-0212 Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0191)*

33 42 11 00-0213	LF	4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	11.94	5.41
		For <100, Add	*2.16*	
		For >1,000, Deduct	*-0.60*	
33 42 11 00-0214	LF	6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	14.21	6.28
		For <100, Add	*2.51*	
		For >1,000, Deduct	*-0.71*	
33 42 11 00-0215	LF	8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	17.44	7.31
		For <100, Add	*2.92*	
		For >1,000, Deduct	*-0.87*	
33 42 11 00-0216	LF	10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	20.50	7.56
		For <100, Add	*3.02*	
		For >1,000, Deduct	*-1.03*	
33 42 11 00-0217	LF	12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.37	7.84
		For <100, Add	*3.13*	
		For >1,000, Deduct	*-1.12*	
33 42 11 00-0218	LF	15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	25.98	8.11
		For <100, Add	*3.24*	
		For >1,000, Deduct	*-1.30*	
33 42 11 00-0219	LF	18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	32.11	8.40
		For <100, Add	*3.36*	
		For >1,000, Deduct	*-1.61*	
33 42 11 00-0220	LF	24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	43.58	9.85
		For <100, Add	*3.94*	
		For >1,000, Deduct	*-2.18*	

33 42 11 00-0221 Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0159)*

Note: Excludes couplings and gaskets.

33 42 11 00-0222 Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0221)*

33 42 11 00-0223	EA	4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	50.71	19.37
33 42 11 00-0224	EA	6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	63.55	22.60
33 42 11 00-0225	EA	8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	101.79	27.45
33 42 11 00-0226	EA	10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	154.53	33.91
33 42 11 00-0227	EA	12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	242.64	40.37
33 42 11 00-0228	EA	15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	342.07	52.75
33 42 11 00-0229	EA	18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	491.49	71.04
33 42 11 00-0230	EA	24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	628.96	81.09
33 42 11 00-0231	EA	30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,094.67	93.64
33 42 11 00-0232	EA	36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,404.80	108.17
33 42 11 00-0233	EA	42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	2,334.01	129.16
33 42 11 00-0234	EA	48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	2,928.76	153.38

33 42 11 00-0235 Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0221)*

33 42 11 00-0236	EA	4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	73.49	19.37
33 42 11 00-0237	EA	6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	88.55	22.60
33 42 11 00-0238	EA	8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	117.57	27.45
33 42 11 00-0239	EA	10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	171.93	33.91
33 42 11 00-0240	EA	12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	298.61	40.37
33 42 11 00-0241	EA	15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	324.89	52.75
33 42 11 00-0242	EA	18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	458.09	71.04

33 42 11 00-0243 22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0221)*

33 42 11 00-0244	EA	4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	30.94	12.92
33 42 11 00-0245	EA	6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	38.10	15.07
33 42 11 00-0246	EA	8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	55.23	18.30
33 42 11 00-0247	EA	10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	69.46	22.60
33 42 11 00-0248	EA	12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	100.19	26.91
33 42 11 00-0249	EA	15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	157.50	34.44
33 42 11 00-0250	EA	18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	208.90	47.36
33 42 11 00-0251	EA	24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	392.90	53.81
33 42 11 00-0252	EA	30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	544.71	62.42
33 42 11 00-0253	EA	36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	638.22	72.12
33 42 11 00-0254	EA	42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	815.02	86.11
33 42 11 00-0255	EA	48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,100.40	102.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0256		**45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)** *(33 42 11 00-0221)*		
33 42 11 00-0257	EA	4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	33.43	12.92
33 42 11 00-0258	EA	6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	43.29	15.07
33 42 11 00-0259	EA	8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	57.89	18.30
33 42 11 00-0260	EA	10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	91.03	22.60
33 42 11 00-0261	EA	12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	100.19	26.91
33 42 11 00-0262	EA	15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	157.07	34.44
33 42 11 00-0263	EA	18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	243.68	47.36
33 42 11 00-0264	EA	24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	419.77	53.81
33 42 11 00-0265	EA	30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	545.98	62.42
33 42 11 00-0266	EA	36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	696.12	72.12
33 42 11 00-0267	EA	42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,038.52	86.11
33 42 11 00-0268	EA	48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,300.71	102.26
33 42 11 00-0269		**Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings** *(33 42 11 00-0159)* Note: Excludes couplings and gaskets.		
33 42 11 00-0270		**Tees, Single Wall, Corrugated High Density Polyethylene (HDPE)** *(33 42 11 00-0269)*		
33 42 11 00-0271	EA	4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	35.38	19.37
33 42 11 00-0272	EA	6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	42.02	22.60
33 42 11 00-0273	EA	8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	67.22	27.45
33 42 11 00-0274	EA	10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	86.15	33.91
33 42 11 00-0275	EA	12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	126.84	40.37
33 42 11 00-0276	EA	15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	271.72	52.75
33 42 11 00-0277	EA	18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	325.76	71.04
33 42 11 00-0278	EA	24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	610.62	80.73
33 42 11 00-0279		**Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE)** *(33 42 11 00-0269)*		
33 42 11 00-0280	EA	4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	36.32	19.37
33 42 11 00-0281	EA	6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	45.10	22.60
33 42 11 00-0282	EA	8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	99.47	27.45
33 42 11 00-0283		**45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE)** *(33 42 11 00-0269)*		
33 42 11 00-0284	EA	4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	23.90	12.92
33 42 11 00-0285		**90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE)** *(33 42 11 00-0269)*		
33 42 11 00-0286	EA	4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	24.89	12.92
33 42 11 00-0287	EA	6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	32.00	15.07
33 42 11 00-0288	EA	8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	47.12	18.30
33 42 11 00-0289	EA	10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	61.92	22.60
33 42 11 00-0290		**Couplings And End Caps, Corrugated High Density Polyethylene (HDPE) Pipe** *(33 42 11 00-0159)* Note: For single and double wall high density polyethylene (HDPE) piping.		
33 42 11 00-0291		**Couplings, Corrugated High Density Polyethylene (HDPE) Pipe** *(33 42 11 00-0290)*		
33 42 11 00-0292	EA	4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	1.49	
33 42 11 00-0293	EA	6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	2.67	
33 42 11 00-0294	EA	8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	4.11	
33 42 11 00-0295	EA	10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	5.05	
33 42 11 00-0296	EA	12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	5.43	
33 42 11 00-0297	EA	15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	7.73	
33 42 11 00-0298	EA	18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	11.44	
33 42 11 00-0299	EA	24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	18.21	
33 42 11 00-0300	EA	30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	27.95	
33 42 11 00-0301	EA	36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	36.58	
33 42 11 00-0302	EA	42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	57.51	
33 42 11 00-0303	EA	48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	77.78	
33 42 11 00-0304		**Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE) Pipe** *(33 42 11 00-0290)*		
33 42 11 00-0305	EA	4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	78.75	
33 42 11 00-0306	EA	6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	82.46	
33 42 11 00-0307	EA	8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	86.34	
33 42 11 00-0308	EA	10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	90.40	
33 42 11 00-0309	EA	12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	107.22	
33 42 11 00-0310	EA	15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	110.70	
33 42 11 00-0311	EA	18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	115.46	
33 42 11 00-0312	EA	24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	131.51	
33 42 11 00-0313	EA	30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	210.82	
33 42 11 00-0314	EA	36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	230.92	
33 42 11 00-0315	EA	42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	251.61	
33 42 11 00-0316	EA	48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	305.58	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0317		**End Caps, Corrugated High Density Polyethylene (HDPE) Pipe** *(33 42 11 00-0290)*		
33 42 11 00-0318	EA	6" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	22.88	
33 42 11 00-0319	EA	8" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	26.46	
33 42 11 00-0320	EA	10" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	40.49	
33 42 11 00-0321	EA	12" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	66.10	
33 42 11 00-0322	EA	15" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	76.47	
33 42 11 00-0323	EA	18" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	102.02	
33 42 11 00-0324	EA	24" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	106.30	
33 42 11 00-0325		**Corrugated Metal Piping** *(33 42 11)*		
33 42 11 00-0326		**Galvanized Corrugated Steel Piping** *(33 42 11 00-0325)*		
33 42 11 00-0327		**2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping** *(33 42 11 00-0326)*		
33 42 11 00-0328		**16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping** *(33 42 11 00-0327)*		
33 42 11 00-0329	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	28.35	8.25
		For Bituminous Coated Pipe, Add	*2.71*	
		For Bituminous Coated And 25% Paved, Add	*5.54*	
		For Smooth-Flo, Add	*9.90*	
33 42 11 00-0330	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	31.86	8.64
		For Bituminous Coated Pipe, Add	*3.41*	
		For Bituminous Coated And 25% Paved, Add	*6.98*	
		For Smooth-Flo, Add	*12.46*	
33 42 11 00-0331	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	35.49	9.44
		For Bituminous Coated Pipe, Add	*4.13*	
		For Bituminous Coated And 25% Paved, Add	*8.45*	
		For Smooth-Flo, Add	*15.10*	
33 42 11 00-0332	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	40.29	10.22
		For Bituminous Coated Pipe, Add	*4.94*	
		For Bituminous Coated And 25% Paved, Add	*10.11*	
		For Smooth-Flo, Add	*18.06*	
33 42 11 00-0333	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	44.56	11.01
		For Bituminous Coated Pipe, Add	*5.56*	
		For Bituminous Coated And 25% Paved, Add	*11.38*	
		For Smooth-Flo, Add	*20.32*	
33 42 11 00-0334	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	58.86	14.15
		For Bituminous Coated Pipe, Add	*7.22*	
		For Bituminous Coated And 25% Paved, Add	*14.77*	
		For Smooth-Flo, Add	*26.37*	
33 42 11 00-0335	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	76.54	18.35
		For Bituminous Coated Pipe, Add	*9.10*	
		For Bituminous Coated And 25% Paved, Add	*18.62*	
		For Smooth-Flo, Add	*33.26*	
33 42 11 00-0336	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	86.98	21.69
		For Bituminous Coated Pipe, Add	*10.77*	
		For Bituminous Coated And 25% Paved, Add	*22.04*	
		For Smooth-Flo, Add	*39.36*	
33 42 11 00-0337	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	97.75	25.02
		For Bituminous Coated Pipe, Add	*12.07*	
		For Bituminous Coated And 25% Paved, Add	*24.68*	
		For Smooth-Flo, Add	*44.08*	
33 42 11 00-0338		**14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping** *(33 42 11 00-0327)*		
33 42 11 00-0339	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	30.77	8.25
		For Bituminous Coated Pipe, Add	*2.75*	
		For Bituminous Coated And 25% Paved, Add	*6.37*	
		For Smooth-Flo, Add	*12.88*	
33 42 11 00-0340	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	34.84	8.64
		For Bituminous Coated Pipe, Add	*3.45*	
		For Bituminous Coated And 25% Paved, Add	*7.99*	
		For Smooth-Flo, Add	*16.16*	
33 42 11 00-0341	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	39.09	9.44
		For Bituminous Coated Pipe, Add	*4.18*	
		For Bituminous Coated And 25% Paved, Add	*9.68*	
		For Smooth-Flo, Add	*19.56*	
33 42 11 00-0342	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	44.45	10.22
		For Bituminous Coated Pipe, Add	*4.97*	
		For Bituminous Coated And 25% Paved, Add	*11.51*	
		For Smooth-Flo, Add	*23.26*	
33 42 11 00-0343	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	49.40	11.01
		For Bituminous Coated Pipe, Add	*5.62*	
		For Bituminous Coated And 25% Paved, Add	*13.02*	
		For Smooth-Flo, Add	*26.33*	
33 42 11 00-0344	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	64.77	14.15
		For Bituminous Coated Pipe, Add	*7.22*	
		For Bituminous Coated And 25% Paved, Add	*16.73*	
		For Smooth-Flo, Add	*33.81*	
33 42 11 00-0345	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	83.72	18.35
		For Bituminous Coated Pipe, Add	*9.05*	
		For Bituminous Coated And 25% Paved, Add	*20.97*	
		For Smooth-Flo, Add	*42.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0346	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	95.19	21.69
		For Bituminous Coated Pipe, Add	*10.65*	
		For Bituminous Coated And 25% Paved, Add	*24.68*	
		For Smooth-Flo, Add	*49.88*	
33 42 11 00-0347	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	107.15	25.02
		For Bituminous Coated Pipe, Add	*11.97*	
		For Bituminous Coated And 25% Paved, Add	*27.73*	
		For Smooth-Flo, Add	*56.06*	
33 42 11 00-0348	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	127.83	28.36
		For Bituminous Coated Pipe, Add	*14.72*	
		For Bituminous Coated And 25% Paved, Add	*34.11*	
		For Smooth-Flo, Add	*68.94*	
33 42 11 00-0349		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0327)*		
33 42 11 00-0350	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	46.55	9.44
		For Bituminous Coated Pipe, Add	*4.78*	
		For Bituminous Coated And 25% Paved, Add	*8.64*	
		For Smooth-Flo, Add	*16.60*	
33 42 11 00-0351	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	53.12	10.22
		For Bituminous Coated Pipe, Add	*5.65*	
		For Bituminous Coated And 25% Paved, Add	*10.21*	
		For Smooth-Flo, Add	*19.62*	
33 42 11 00-0352	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	59.28	10.22
		For Bituminous Coated Pipe, Add	*6.41*	
		For Bituminous Coated And 25% Paved, Add	*11.58*	
		For Smooth-Flo, Add	*22.25*	
33 42 11 00-0353	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	76.98	14.15
		For Bituminous Coated Pipe, Add	*8.15*	
		For Bituminous Coated And 25% Paved, Add	*14.72*	
		For Smooth-Flo, Add	*28.29*	
33 42 11 00-0354	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	98.21	18.35
		For Bituminous Coated Pipe, Add	*10.08*	
		For Bituminous Coated And 25% Paved, Add	*18.20*	
		For Smooth-Flo, Add	*34.98*	
33 42 11 00-0355	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	111.94	21.69
		For Bituminous Coated Pipe, Add	*11.81*	
		For Bituminous Coated And 25% Paved, Add	*21.33*	
		For Smooth-Flo, Add	*40.99*	
33 42 11 00-0356	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	126.34	25.02
		For Bituminous Coated Pipe, Add	*13.34*	
		For Bituminous Coated And 25% Paved, Add	*24.08*	
		For Smooth-Flo, Add	*46.29*	
33 42 11 00-0357	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	149.02	28.36
		For Bituminous Coated Pipe, Add	*15.99*	
		For Bituminous Coated And 25% Paved, Add	*28.88*	
		For Smooth-Flo, Add	*55.50*	
33 42 11 00-0358	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	162.89	30.02
		For Bituminous Coated Pipe, Add	*17.51*	
		For Bituminous Coated And 25% Paved, Add	*31.63*	
		For Smooth-Flo, Add	*60.78*	
33 42 11 00-0359	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	197.27	36.70
		For Bituminous Coated Pipe, Add	*21.32*	
		For Bituminous Coated And 25% Paved, Add	*38.50*	
		For Smooth-Flo, Add	*74.00*	
33 42 11 00-0360		10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0327)*		
33 42 11 00-0361	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	111.77	18.35
		For Bituminous Coated Pipe, Add	*12.82*	
		For Bituminous Coated And 25% Paved, Add	*21.42*	
		For Smooth-Flo, Add	*30.56*	
33 42 11 00-0362	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	127.81	21.69
		For Bituminous Coated Pipe, Add	*15.02*	
		For Bituminous Coated And 25% Paved, Add	*25.09*	
		For Smooth-Flo, Add	*35.80*	
33 42 11 00-0363	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	144.35	25.02
		For Bituminous Coated Pipe, Add	*16.98*	
		For Bituminous Coated And 25% Paved, Add	*28.36*	
		For Smooth-Flo, Add	*40.46*	
33 42 11 00-0364	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	169.20	28.36
		For Bituminous Coated Pipe, Add	*20.11*	
		For Bituminous Coated And 25% Paved, Add	*33.59*	
		For Smooth-Flo, Add	*47.93*	
33 42 11 00-0365	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	185.35	30.02
		For Bituminous Coated Pipe, Add	*22.08*	
		For Bituminous Coated And 25% Paved, Add	*36.89*	
		For Smooth-Flo, Add	*52.64*	
33 42 11 00-0366	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	221.95	36.70
		For Bituminous Coated Pipe, Add	*26.42*	
		For Bituminous Coated And 25% Paved, Add	*44.13*	
		For Smooth-Flo, Add	*62.97*	
33 42 11 00-0367	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	267.31	53.37
		For Bituminous Coated Pipe, Add	*28.36*	
		For Bituminous Coated And 25% Paved, Add	*47.38*	
		For Smooth-Flo, Add	*67.61*	
33 42 11 00-0368		3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0326)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0369		16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0368)*		
33 42 11 00-0370	LF	36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	88.98	18.35
		For Bituminous Coated Pipe, Add	*10.01*	
		For Bituminous Coated And 25% Paved, Add	*22.73*	
		For Smooth-Flo, Add	*45.25*	
33 42 11 00-0371	LF	42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	101.24	21.69
		For Bituminous Coated Pipe, Add	*11.76*	
		For Bituminous Coated And 25% Paved, Add	*26.69*	
		For Smooth-Flo, Add	*53.14*	
33 42 11 00-0372	LF	48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	113.82	25.02
		For Bituminous Coated Pipe, Add	*13.19*	
		For Bituminous Coated And 25% Paved, Add	*29.93*	
		For Smooth-Flo, Add	*59.60*	
33 42 11 00-0373	LF	54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	135.49	28.36
		For Bituminous Coated Pipe, Add	*16.11*	
		For Bituminous Coated And 25% Paved, Add	*36.57*	
		For Smooth-Flo, Add	*72.81*	
33 42 11 00-0374	LF	60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	147.61	30.02
		For Bituminous Coated Pipe, Add	*17.55*	
		For Bituminous Coated And 25% Paved, Add	*39.83*	
		For Smooth-Flo, Add	*79.32*	
33 42 11 00-0375	LF	66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	184.55	36.70
		For Bituminous Coated Pipe, Add	*22.54*	
		For Bituminous Coated And 25% Paved, Add	*51.17*	
		For Smooth-Flo, Add	*101.88*	
33 42 11 00-0376	LF	72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	226.28	53.37
		For Bituminous Coated Pipe, Add	*24.03*	
		For Bituminous Coated And 25% Paved, Add	*54.54*	
		For Smooth-Flo, Add	*108.60*	
33 42 11 00-0377	LF	78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	244.35	58.38
		For Bituminous Coated Pipe, Add	*25.52*	
		For Bituminous Coated And 25% Paved, Add	*57.93*	
		For Smooth-Flo, Add	*115.34*	
33 42 11 00-0378	LF	84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	260.14	62.55
		For Bituminous Coated Pipe, Add	*27.01*	
		For Bituminous Coated And 25% Paved, Add	*61.31*	
		For Smooth-Flo, Add	*122.08*	
33 42 11 00-0379	LF	90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	275.96	66.72
		For Bituminous Coated Pipe, Add	*28.51*	
		For Bituminous Coated And 25% Paved, Add	*64.71*	
		For Smooth-Flo, Add	*128.85*	
33 42 11 00-0380	LF	96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	292.35	70.89
		For Bituminous Coated Pipe, Add	*29.99*	
		For Bituminous Coated And 25% Paved, Add	*68.08*	
		For Smooth-Flo, Add	*135.56*	
33 42 11 00-0381	LF	102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	311.10	75.06
		For Bituminous Coated Pipe, Add	*31.49*	
		For Bituminous Coated And 25% Paved, Add	*71.49*	
		For Smooth-Flo, Add	*142.35*	
33 42 11 00-0382		14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0368)*		
33 42 11 00-0383	LF	54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	148.18	28.36
		For Bituminous Coated Pipe, Add	*18.65*	
		For Bituminous Coated And 25% Paved, Add	*36.55*	
		For Smooth-Flo, Add	*73.84*	
33 42 11 00-0384	LF	60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	161.65	30.02
		For Bituminous Coated Pipe, Add	*20.36*	
		For Bituminous Coated And 25% Paved, Add	*39.90*	
		For Smooth-Flo, Add	*80.61*	
33 42 11 00-0385	LF	66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	200.00	36.70
		For Bituminous Coated Pipe, Add	*25.63*	
		For Bituminous Coated And 25% Paved, Add	*50.23*	
		For Smooth-Flo, Add	*101.49*	
33 42 11 00-0386	LF	72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	243.11	53.37
		For Bituminous Coated Pipe, Add	*27.39*	
		For Bituminous Coated And 25% Paved, Add	*53.69*	
		For Smooth-Flo, Add	*108.47*	
33 42 11 00-0387	LF	78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	262.53	58.38
		For Bituminous Coated Pipe, Add	*29.15*	
		For Bituminous Coated And 25% Paved, Add	*57.14*	
		For Smooth-Flo, Add	*115.45*	
33 42 11 00-0388	LF	84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	279.76	62.55
		For Bituminous Coated Pipe, Add	*30.93*	
		For Bituminous Coated And 25% Paved, Add	*60.63*	
		For Smooth-Flo, Add	*122.49*	
33 42 11 00-0389	LF	90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	296.90	66.72
		For Bituminous Coated Pipe, Add	*32.69*	
		For Bituminous Coated And 25% Paved, Add	*64.08*	
		For Smooth-Flo, Add	*129.47*	
33 42 11 00-0390	LF	96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	314.66	70.89
		For Bituminous Coated Pipe, Add	*34.45*	
		For Bituminous Coated And 25% Paved, Add	*67.53*	
		For Smooth-Flo, Add	*136.44*	
33 42 11 00-0391	LF	102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	334.77	75.06
		For Bituminous Coated Pipe, Add	*36.23*	
		For Bituminous Coated And 25% Paved, Add	*71.01*	
		For Smooth-Flo, Add	*143.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0392	LF	108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	356.80	83.40
		For Bituminous Coated Pipe, Add	*38.00*	
		For Bituminous Coated And 25% Paved, Add	*74.48*	
		For Smooth-Flo, Add	*150.48*	
33 42 11 00-0393	LF	114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	378.33	91.74
		For Bituminous Coated Pipe, Add	*39.74*	
		For Bituminous Coated And 25% Paved, Add	*77.89*	
		For Smooth-Flo, Add	*157.37*	

33 42 11 00-0394 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0368)*

33 42 11 00-0395	LF	60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	192.80	30.02
		For Bituminous Coated Pipe, Add	*26.59*	
		For Bituminous Coated And 25% Paved, Add	*50.65*	
		For Smooth-Flo, Add	*82.55*	
33 42 11 00-0396	LF	66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	234.50	36.70
		For Bituminous Coated Pipe, Add	*32.53*	
		For Bituminous Coated And 25% Paved, Add	*61.97*	
		For Smooth-Flo, Add	*101.01*	
33 42 11 00-0397	LF	72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	280.62	53.37
		For Bituminous Coated Pipe, Add	*34.89*	
		For Bituminous Coated And 25% Paved, Add	*66.47*	
		For Smooth-Flo, Add	*108.35*	
33 42 11 00-0398	LF	78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	303.07	58.38
		For Bituminous Coated Pipe, Add	*37.26*	
		For Bituminous Coated And 25% Paved, Add	*70.98*	
		For Smooth-Flo, Add	*115.70*	
33 42 11 00-0399	LF	84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	323.32	62.55
		For Bituminous Coated Pipe, Add	*39.64*	
		For Bituminous Coated And 25% Paved, Add	*75.52*	
		For Smooth-Flo, Add	*123.09*	
33 42 11 00-0400	LF	90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	343.50	66.72
		For Bituminous Coated Pipe, Add	*42.01*	
		For Bituminous Coated And 25% Paved, Add	*80.04*	
		For Smooth-Flo, Add	*130.45*	
33 42 11 00-0401	LF	96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	364.33	70.89
		For Bituminous Coated Pipe, Add	*44.39*	
		For Bituminous Coated And 25% Paved, Add	*84.56*	
		For Smooth-Flo, Add	*137.82*	
33 42 11 00-0402	LF	102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	387.47	75.06
		For Bituminous Coated Pipe, Add	*46.77*	
		For Bituminous Coated And 25% Paved, Add	*89.09*	
		For Smooth-Flo, Add	*145.21*	
33 42 11 00-0403	LF	108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	412.49	83.40
		For Bituminous Coated Pipe, Add	*49.14*	
		For Bituminous Coated And 25% Paved, Add	*93.61*	
		For Smooth-Flo, Add	*152.57*	
33 42 11 00-0404	LF	114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	437.08	91.74
		For Bituminous Coated Pipe, Add	*51.49*	
		For Bituminous Coated And 25% Paved, Add	*98.09*	
		For Smooth-Flo, Add	*159.88*	
33 42 11 00-0405	LF	120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	460.77	100.08
		For Bituminous Coated Pipe, Add	*53.87*	
		For Bituminous Coated And 25% Paved, Add	*102.63*	
		For Smooth-Flo, Add	*167.27*	

33 42 11 00-0406 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0368)*

33 42 11 00-0407	LF	72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	315.60	53.37
		For Bituminous Coated Pipe, Add	*41.89*	
		For Bituminous Coated And 25% Paved, Add	*79.59*	
		For Smooth-Flo, Add	*106.40*	
33 42 11 00-0408	LF	78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	340.92	58.38
		For Bituminous Coated Pipe, Add	*44.83*	
		For Bituminous Coated And 25% Paved, Add	*85.18*	
		For Smooth-Flo, Add	*113.87*	
33 42 11 00-0409	LF	84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	364.04	62.55
		For Bituminous Coated Pipe, Add	*47.79*	
		For Bituminous Coated And 25% Paved, Add	*90.80*	
		For Smooth-Flo, Add	*121.38*	
33 42 11 00-0410	LF	90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	387.08	66.72
		For Bituminous Coated Pipe, Add	*50.73*	
		For Bituminous Coated And 25% Paved, Add	*96.39*	
		For Smooth-Flo, Add	*128.85*	
33 42 11 00-0411	LF	96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	410.79	70.89
		For Bituminous Coated Pipe, Add	*53.68*	
		For Bituminous Coated And 25% Paved, Add	*101.99*	
		For Smooth-Flo, Add	*136.35*	
33 42 11 00-0412	LF	102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	436.80	75.06
		For Bituminous Coated Pipe, Add	*56.63*	
		For Bituminous Coated And 25% Paved, Add	*107.60*	
		For Smooth-Flo, Add	*143.85*	
33 42 11 00-0413	LF	108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	464.69	83.40
		For Bituminous Coated Pipe, Add	*59.58*	
		For Bituminous Coated And 25% Paved, Add	*113.20*	
		For Smooth-Flo, Add	*151.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0414	LF	114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	492.12	91.74
		For Bituminous Coated Pipe, Add	*62.50*	
		For Bituminous Coated And 25% Paved, Add	*118.75*	
		For Smooth-Flo, Add	*158.74*	
33 42 11 00-0415	LF	120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	518.71	100.08
		For Bituminous Coated Pipe, Add	*65.46*	
		For Bituminous Coated And 25% Paved, Add	*124.37*	
		For Smooth-Flo, Add	*166.27*	
33 42 11 00-0416	LF	126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	546.80	108.42
		For Bituminous Coated Pipe, Add	*68.39*	
		For Bituminous Coated And 25% Paved, Add	*129.94*	
		For Smooth-Flo, Add	*173.72*	
33 42 11 00-0417	LF	132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	577.03	116.76
		For Bituminous Coated Pipe, Add	*71.35*	
		For Bituminous Coated And 25% Paved, Add	*135.56*	
		For Smooth-Flo, Add	*181.22*	
33 42 11 00-0418	LF	138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	609.81	125.10
		For Bituminous Coated Pipe, Add	*74.31*	
		For Bituminous Coated And 25% Paved, Add	*141.18*	
		For Smooth-Flo, Add	*188.74*	

33 42 11 00-0419 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0326)*

33 42 11 00-0420 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0419)*

33 42 11 00-0421	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	114.19	25.02
		For Bituminous Coated Pipe, Add	*16.58*	
		For Bituminous Coated And 25% Paved, Add	*37.79*	
		For Smooth-Flo, Add	*60.00*	
33 42 11 00-0422	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	136.19	28.36
		For Bituminous Coated Pipe, Add	*20.31*	
		For Bituminous Coated And 25% Paved, Add	*46.31*	
		For Smooth-Flo, Add	*73.52*	
33 42 11 00-0423	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	148.23	30.02
		For Bituminous Coated Pipe, Add	*22.09*	
		For Bituminous Coated And 25% Paved, Add	*50.37*	
		For Smooth-Flo, Add	*79.97*	
33 42 11 00-0424	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	183.09	36.70
		For Bituminous Coated Pipe, Add	*27.81*	
		For Bituminous Coated And 25% Paved, Add	*63.41*	
		For Smooth-Flo, Add	*100.67*	
33 42 11 00-0425	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	224.65	53.37
		For Bituminous Coated Pipe, Add	*29.63*	
		For Bituminous Coated And 25% Paved, Add	*67.55*	
		For Smooth-Flo, Add	*107.24*	
33 42 11 00-0426	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	242.49	58.38
		For Bituminous Coated Pipe, Add	*31.43*	
		For Bituminous Coated And 25% Paved, Add	*71.67*	
		For Smooth-Flo, Add	*113.79*	
33 42 11 00-0427	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	258.03	62.55
		For Bituminous Coated Pipe, Add	*33.23*	
		For Bituminous Coated And 25% Paved, Add	*75.77*	
		For Smooth-Flo, Add	*120.30*	
33 42 11 00-0428	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	273.54	66.72
		For Bituminous Coated Pipe, Add	*35.03*	
		For Bituminous Coated And 25% Paved, Add	*79.86*	
		For Smooth-Flo, Add	*126.80*	
33 42 11 00-0429	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	289.79	70.89
		For Bituminous Coated Pipe, Add	*36.85*	
		For Bituminous Coated And 25% Paved, Add	*84.02*	
		For Smooth-Flo, Add	*133.40*	
33 42 11 00-0430	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	308.48	75.06
		For Bituminous Coated Pipe, Add	*38.71*	
		For Bituminous Coated And 25% Paved, Add	*88.26*	
		For Smooth-Flo, Add	*140.14*	

33 42 11 00-0431 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0419)*

33 42 11 00-0432	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	152.06	28.36
		For Bituminous Coated Pipe, Add	*19.42*	
		For Bituminous Coated And 25% Paved, Add	*45.64*	
		For Smooth-Flo, Add	*82.64*	
33 42 11 00-0433	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	165.87	30.02
		For Bituminous Coated Pipe, Add	*21.20*	
		For Bituminous Coated And 25% Paved, Add	*49.82*	
		For Smooth-Flo, Add	*90.21*	
33 42 11 00-0434	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	202.34	36.70
		For Bituminous Coated Pipe, Add	*26.10*	
		For Bituminous Coated And 25% Paved, Add	*61.33*	
		For Smooth-Flo, Add	*111.05*	
33 42 11 00-0435	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	245.44	53.37
		For Bituminous Coated Pipe, Add	*27.86*	
		For Bituminous Coated And 25% Paved, Add	*65.47*	
		For Smooth-Flo, Add	*118.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0436	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	265.17	58.38
		For Bituminous Coated Pipe, Add	*29.68*	
		For Bituminous Coated And 25% Paved, Add	*69.75*	
		For Smooth-Flo, Add	*126.30*	
33 42 11 00-0437	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	282.49	62.55
		For Bituminous Coated Pipe, Add	*31.48*	
		For Bituminous Coated And 25% Paved, Add	*73.97*	
		For Smooth-Flo, Add	*133.94*	
33 42 11 00-0438	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	298.87	66.72
		For Bituminous Coated Pipe, Add	*33.09*	
		For Bituminous Coated And 25% Paved, Add	*77.76*	
		For Smooth-Flo, Add	*140.79*	
33 42 11 00-0439	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	317.67	70.89
		For Bituminous Coated Pipe, Add	*35.06*	
		For Bituminous Coated And 25% Paved, Add	*82.38*	
		For Smooth-Flo, Add	*149.16*	
33 42 11 00-0440	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	337.86	75.06
		For Bituminous Coated Pipe, Add	*36.85*	
		For Bituminous Coated And 25% Paved, Add	*86.59*	
		For Smooth-Flo, Add	*156.78*	
33 42 11 00-0441	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	359.90	83.40
		For Bituminous Coated Pipe, Add	*38.62*	
		For Bituminous Coated And 25% Paved, Add	*90.76*	
		For Smooth-Flo, Add	*164.33*	
33 42 11 00-0442	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	381.82	91.74
		For Bituminous Coated Pipe, Add	*40.44*	
		For Bituminous Coated And 25% Paved, Add	*95.03*	
		For Smooth-Flo, Add	*172.06*	

33 42 11 00-0443 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0419)*

33 42 11 00-0444	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	198.91	30.02
		For Bituminous Coated Pipe, Add	*27.81*	
		For Bituminous Coated And 25% Paved, Add	*52.84*	
		For Smooth-Flo, Add	*95.38*	
33 42 11 00-0445	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	238.72	36.70
		For Bituminous Coated Pipe, Add	*33.37*	
		For Bituminous Coated And 25% Paved, Add	*63.41*	
		For Smooth-Flo, Add	*114.47*	
33 42 11 00-0446	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	285.29	53.37
		For Bituminous Coated Pipe, Add	*35.83*	
		For Bituminous Coated And 25% Paved, Add	*68.07*	
		For Smooth-Flo, Add	*122.89*	
33 42 11 00-0447	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	308.08	58.38
		For Bituminous Coated Pipe, Add	*38.26*	
		For Bituminous Coated And 25% Paved, Add	*72.70*	
		For Smooth-Flo, Add	*131.25*	
33 42 11 00-0448	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	328.50	62.55
		For Bituminous Coated Pipe, Add	*40.68*	
		For Bituminous Coated And 25% Paved, Add	*77.29*	
		For Smooth-Flo, Add	*139.53*	
33 42 11 00-0449	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	349.07	66.72
		For Bituminous Coated Pipe, Add	*43.13*	
		For Bituminous Coated And 25% Paved, Add	*81.94*	
		For Smooth-Flo, Add	*147.93*	
33 42 11 00-0450	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	370.18	70.89
		For Bituminous Coated Pipe, Add	*45.56*	
		For Bituminous Coated And 25% Paved, Add	*86.56*	
		For Smooth-Flo, Add	*156.26*	
33 42 11 00-0451	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	393.55	75.06
		For Bituminous Coated Pipe, Add	*47.98*	
		For Bituminous Coated And 25% Paved, Add	*91.17*	
		For Smooth-Flo, Add	*164.59*	
33 42 11 00-0452	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	418.96	83.40
		For Bituminous Coated Pipe, Add	*50.43*	
		For Bituminous Coated And 25% Paved, Add	*95.82*	
		For Smooth-Flo, Add	*172.98*	
33 42 11 00-0453	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	443.95	91.74
		For Bituminous Coated Pipe, Add	*52.86*	
		For Bituminous Coated And 25% Paved, Add	*100.44*	
		For Smooth-Flo, Add	*181.32*	
33 42 11 00-0454	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	467.89	100.08
		For Bituminous Coated Pipe, Add	*55.30*	
		For Bituminous Coated And 25% Paved, Add	*105.06*	
		For Smooth-Flo, Add	*189.67*	

33 42 11 00-0455 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0419)*

33 42 11 00-0456	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	323.45	53.37
		For Bituminous Coated Pipe, Add	*43.46*	
		For Bituminous Coated And 25% Paved, Add	*82.57*	
		For Smooth-Flo, Add	*129.73*	
33 42 11 00-0457	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	349.79	58.38
		For Bituminous Coated Pipe, Add	*46.61*	
		For Bituminous Coated And 25% Paved, Add	*88.55*	
		For Smooth-Flo, Add	*139.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0458	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	373.52	62.55
		For Bituminous Coated Pipe, Add	*49.68*	
		For Bituminous Coated And 25% Paved, Add	*94.40*	
		For Smooth-Flo, Add	*148.31*	
33 42 11 00-0459	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	397.10	66.72
		For Bituminous Coated Pipe, Add	*52.73*	
		For Bituminous Coated And 25% Paved, Add	*100.19*	
		For Smooth-Flo, Add	*157.41*	
33 42 11 00-0460	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	421.48	70.89
		For Bituminous Coated Pipe, Add	*55.82*	
		For Bituminous Coated And 25% Paved, Add	*106.05*	
		For Smooth-Flo, Add	*166.62*	
33 42 11 00-0461	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	448.00	75.06
		For Bituminous Coated Pipe, Add	*58.87*	
		For Bituminous Coated And 25% Paved, Add	*111.86*	
		For Smooth-Flo, Add	*175.74*	
33 42 11 00-0462	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	476.57	83.40
		For Bituminous Coated Pipe, Add	*61.95*	
		For Bituminous Coated And 25% Paved, Add	*117.71*	
		For Smooth-Flo, Add	*184.93*	
33 42 11 00-0463	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	504.76	91.74
		For Bituminous Coated Pipe, Add	*65.03*	
		For Bituminous Coated And 25% Paved, Add	*123.55*	
		For Smooth-Flo, Add	*194.10*	
33 42 11 00-0464	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	531.82	100.08
		For Bituminous Coated Pipe, Add	*68.08*	
		For Bituminous Coated And 25% Paved, Add	*129.36*	
		For Smooth-Flo, Add	*203.22*	
33 42 11 00-0465	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	565.43	108.42
		For Bituminous Coated Pipe, Add	*72.12*	
		For Bituminous Coated And 25% Paved, Add	*137.02*	
		For Smooth-Flo, Add	*215.27*	
33 42 11 00-0466	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	597.52	116.76
		For Bituminous Coated Pipe, Add	*75.44*	
		For Bituminous Coated And 25% Paved, Add	*143.34*	
		For Smooth-Flo, Add	*225.20*	
33 42 11 00-0467	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	632.77	125.10
		For Bituminous Coated Pipe, Add	*78.90*	
		For Bituminous Coated And 25% Paved, Add	*149.91*	
		For Smooth-Flo, Add	*235.51*	

33 42 11 00-0468 Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0326)*

33 42 11 00-0469 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0468)*

33 42 11 00-0470	LF	18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	40.33	9.44
		For Bituminous Coated Pipe, Add	*5.11*	
33 42 11 00-0471	LF	21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	45.97	10.22
		For Bituminous Coated Pipe, Add	*6.08*	
33 42 11 00-0472	LF	24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	51.23	11.01
		For Bituminous Coated Pipe, Add	*6.91*	
33 42 11 00-0473	LF	30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	67.24	14.15
		For Bituminous Coated Pipe, Add	*8.90*	
33 42 11 00-0474	LF	36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	86.81	18.35
		For Bituminous Coated Pipe, Add	*11.16*	
33 42 11 00-0475	LF	42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	98.94	21.69
		For Bituminous Coated Pipe, Add	*13.16*	
33 42 11 00-0476	LF	48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	111.46	25.02
		For Bituminous Coated Pipe, Add	*14.81*	
33 42 11 00-0477	LF	54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	132.81	28.36
		For Bituminous Coated Pipe, Add	*18.14*	
33 42 11 00-0478	LF	60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	144.88	30.02
		For Bituminous Coated Pipe, Add	*19.81*	

33 42 11 00-0479 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0468)*

33 42 11 00-0480	LF	18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	43.99	9.44
		For Bituminous Coated Pipe, Add	*5.91*	
33 42 11 00-0481	LF	21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	50.25	10.22
		For Bituminous Coated Pipe, Add	*7.02*	
33 42 11 00-0482	LF	24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	56.10	11.01
		For Bituminous Coated Pipe, Add	*7.98*	
33 42 11 00-0483	LF	30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	73.29	14.15
		For Bituminous Coated Pipe, Add	*10.22*	
33 42 11 00-0484	LF	36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	94.10	18.35
		For Bituminous Coated Pipe, Add	*12.75*	
33 42 11 00-0485	LF	42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	107.46	21.69
		For Bituminous Coated Pipe, Add	*15.02*	
33 42 11 00-0486	LF	48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	121.19	25.02
		For Bituminous Coated Pipe, Add	*16.93*	
33 42 11 00-0487	LF	54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	143.76	28.36
		For Bituminous Coated Pipe, Add	*20.52*	
33 42 11 00-0488	LF	60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	157.07	30.02
		For Bituminous Coated Pipe, Add	*22.45*	
33 42 11 00-0489	LF	66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	192.60	36.70
		For Bituminous Coated Pipe, Add	*27.89*	
33 42 11 00-0490	LF	72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	235.17	53.37
		For Bituminous Coated Pipe, Add	*29.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0491	LF	78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	254.20	58.38
		For Bituminous Coated Pipe, Add	*31.75*	

33 42 11 00-0492 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0468)*

33 42 11 00-0493	LF	30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	85.56	14.15
		For Bituminous Coated Pipe, Add	*10.68*	
33 42 11 00-0494	LF	36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	108.76	18.35
		For Bituminous Coated Pipe, Add	*13.20*	
33 42 11 00-0495	LF	42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	124.63	21.69
		For Bituminous Coated Pipe, Add	*15.53*	
33 42 11 00-0496	LF	48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	140.78	25.02
		For Bituminous Coated Pipe, Add	*17.56*	
33 42 11 00-0497	LF	54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	165.82	28.36
		For Bituminous Coated Pipe, Add	*20.95*	
33 42 11 00-0498	LF	60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	181.60	30.02
		For Bituminous Coated Pipe, Add	*23.01*	
33 42 11 00-0499	LF	66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	219.53	36.70
		For Bituminous Coated Pipe, Add	*27.91*	
33 42 11 00-0500	LF	72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	264.52	53.37
		For Bituminous Coated Pipe, Add	*29.93*	
33 42 11 00-0501	LF	78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	285.97	58.38
		For Bituminous Coated Pipe, Add	*31.98*	
33 42 11 00-0502	LF	84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	305.08	62.55
		For Bituminous Coated Pipe, Add	*34.02*	
33 42 11 00-0503	LF	90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	324.16	66.72
		For Bituminous Coated Pipe, Add	*36.05*	
33 42 11 00-0504	LF	96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	343.87	70.89
		For Bituminous Coated Pipe, Add	*38.08*	
33 42 11 00-0505	LF	102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	364.68	75.06
		For Bituminous Coated Pipe, Add	*39.89*	

33 42 11 00-0506 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0326)*

33 42 11 00-0507 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0506)*

33 42 11 00-0508	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	14.77	4.71
		For Bituminous Coated Pipe, Add	*1.31*	
33 42 11 00-0509	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	15.86	4.71
		For Bituminous Coated Pipe, Add	*1.57*	
33 42 11 00-0510	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	18.48	5.90
		For Bituminous Coated Pipe, Add	*1.73*	
33 42 11 00-0511	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	19.86	5.90
		For Bituminous Coated Pipe, Add	*2.07*	
33 42 11 00-0512	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	23.37	7.08
		For Bituminous Coated Pipe, Add	*2.17*	
33 42 11 00-0513	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	25.12	7.08
		For Bituminous Coated Pipe, Add	*2.60*	

33 42 11 00-0514 Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0506)*

33 42 11 00-0515	LF	6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	14.92	4.71
		For Bituminous Coated Pipe, Add	*1.29*	
33 42 11 00-0516	LF	6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	15.97	4.71
		For Bituminous Coated Pipe, Add	*1.53*	
33 42 11 00-0517	LF	8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	18.63	5.90
		For Bituminous Coated Pipe, Add	*1.69*	
33 42 11 00-0518	LF	8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	20.10	5.90
		For Bituminous Coated Pipe, Add	*2.04*	
33 42 11 00-0519	LF	10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	23.63	7.08
		For Bituminous Coated Pipe, Add	*2.14*	
33 42 11 00-0520	LF	10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	25.43	7.08
		For Bituminous Coated Pipe, Add	*2.57*	

33 42 11 00-0521 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings *(33 42 11 00-0506)*

33 42 11 00-0522	EA	6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	8.06	
		For Bituminous Coated Pipe, Add	*1.81*	
33 42 11 00-0523	EA	8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	10.67	
		For Bituminous Coated Pipe, Add	*2.40*	
33 42 11 00-0524	EA	10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	13.09	
		For Bituminous Coated Pipe, Add	*2.95*	
33 42 11 00-0525	EA	6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	29.07	
		For Bituminous Coated Pipe, Add	*4.01*	
33 42 11 00-0526	EA	6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	6.99	
		For Bituminous Coated Pipe, Add	*0.92*	
33 42 11 00-0527	EA	8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	8.76	
		For Bituminous Coated Pipe, Add	*1.37*	

33 42 11 00-0528 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0326)*

33 42 11 00-0529 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0528)*

33 42 11 00-0530	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	44.35	8.25
33 42 11 00-0531	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	52.03	8.64
33 42 11 00-0532	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	59.94	9.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0533	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	69.51	10.22
33 42 11 00-0534	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	77.49	11.01
33 42 11 00-0535	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	101.51	14.15
33 42 11 00-0536	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	130.41	18.35
33 42 11 00-0537	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	150.69	21.69
33 42 11 00-0538	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	169.14	25.02
33 42 11 00-0539		14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0528)*		
33 42 11 00-0540	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	50.24	8.25
33 42 11 00-0541	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	59.32	8.64
33 42 11 00-0542	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	68.68	9.44
33 42 11 00-0543	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	79.63	10.22
33 42 11 00-0544	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	89.24	11.01
33 42 11 00-0545	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	115.94	14.15
33 42 11 00-0546	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	147.82	18.35
33 42 11 00-0547	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	170.67	21.69
33 42 11 00-0548	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	191.94	25.02
33 42 11 00-0549	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	232.13	28.36
33 42 11 00-0550		12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0528)*		
33 42 11 00-0551	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	86.89	9.44
33 42 11 00-0552	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	100.89	10.22
33 42 11 00-0553	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	113.41	11.01
33 42 11 00-0554	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	146.14	14.15
33 42 11 00-0555	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	176.66	18.35
33 42 11 00-0556	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	212.92	21.69
33 42 11 00-0557	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	240.15	25.02
33 42 11 00-0558	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	287.14	28.36
33 42 11 00-0559	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	313.74	30.02
33 42 11 00-0560	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	384.11	36.70
33 42 11 00-0561		10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0528)*		
33 42 11 00-0562	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	217.16	18.35
33 42 11 00-0563	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	251.40	21.69
33 42 11 00-0564	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	283.87	25.02
33 42 11 00-0565	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	336.11	28.36
33 42 11 00-0566	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	368.25	30.02
33 42 11 00-0567	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	443.98	36.70
33 42 11 00-0568	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	505.12	53.37
33 42 11 00-0569		3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0326)*		
33 42 11 00-0570		16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0569)*		
33 42 11 00-0571	LF	36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	163.84	18.35
33 42 11 00-0572	LF	42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	189.24	21.69
33 42 11 00-0573	LF	48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	212.36	25.02
33 42 11 00-0574	LF	54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	256.71	28.36
33 42 11 00-0575	LF	60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	279.51	30.02
33 42 11 00-0576	LF	66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	355.45	36.70
33 42 11 00-0577	LF	72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	408.21	53.37
33 42 11 00-0578	LF	78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	437.27	58.38
33 42 11 00-0579	LF	84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	464.13	62.55
33 42 11 00-0580	LF	90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	491.00	66.72
33 42 11 00-0581	LF	96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	518.41	70.89
33 42 11 00-0582	LF	102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	548.26	75.06
33 42 11 00-0583		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0569)*		
33 42 11 00-0584	LF	54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	288.19	28.36
33 42 11 00-0585	LF	60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	314.31	30.02
33 42 11 00-0586	LF	66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	393.78	36.70
33 42 11 00-0587	LF	72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	449.90	53.37
33 42 11 00-0588	LF	78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	482.37	58.38
33 42 11 00-0589	LF	84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	512.75	62.55
33 42 11 00-0590	LF	90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	542.93	66.72
33 42 11 00-0591	LF	96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	573.72	70.89
33 42 11 00-0592	LF	102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	607.00	75.06
33 42 11 00-0593	LF	108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	642.13	83.40
33 42 11 00-0594	LF	114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	676.51	91.74
33 42 11 00-0595		12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0569)*		
33 42 11 00-0596	LF	60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	393.48	30.02
33 42 11 00-0597	LF	66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	481.85	36.70
33 42 11 00-0598	LF	72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	545.61	53.37
33 42 11 00-0599	LF	78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	585.75	58.38
33 42 11 00-0600	LF	84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	623.77	62.55
33 42 11 00-0601	LF	90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	661.63	66.72
33 42 11 00-0602	LF	96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	700.16	70.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0603	LF	102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	741.07	75.06
33 42 11 00-0604	LF	108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	783.77	83.40
33 42 11 00-0605	LF	114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	825.94	91.74
33 42 11 00-0606	LF	120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	867.40	100.08
33 42 11 00-0607		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0569)*		
33 42 11 00-0608	LF	72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	632.82	53.37
33 42 11 00-0609	LF	78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	680.06	58.38
33 42 11 00-0610	LF	84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	725.25	62.55
33 42 11 00-0611	LF	90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	770.24	66.72
33 42 11 00-0612	LF	96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	815.95	70.89
33 42 11 00-0613	LF	102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	864.01	75.06
33 42 11 00-0614	LF	108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	913.88	83.40
33 42 11 00-0615	LF	114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	963.17	91.74
33 42 11 00-0616	LF	120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,011.78	100.08
33 42 11 00-0617	LF	126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,061.78	108.42
33 42 11 00-0618	LF	132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,114.07	116.76
33 42 11 00-0619	LF	138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,168.91	125.10
33 42 11 00-0620		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0326)*		
33 42 11 00-0621		16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0620)*		
33 42 11 00-0622	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	205.57	25.02
33 42 11 00-0623	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	249.24	28.36
33 42 11 00-0624	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	270.95	30.02
33 42 11 00-0625	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	339.55	36.70
33 42 11 00-0626	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	391.00	53.37
33 42 11 00-0627	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	418.71	58.38
33 42 11 00-0628	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	444.03	62.55
33 42 11 00-0629	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	469.28	66.72
33 42 11 00-0630	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	495.41	70.89
33 42 11 00-0631	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	524.31	75.06
33 42 11 00-0632		14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0620)*		
33 42 11 00-0633	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	286.63	28.36
33 42 11 00-0634	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	312.60	30.02
33 42 11 00-0635	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	384.97	36.70
33 42 11 00-0636	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	440.09	53.37
33 42 11 00-0637	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	472.22	58.38
33 42 11 00-0638	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	501.71	62.55
33 42 11 00-0639	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	529.05	66.72
33 42 11 00-0640	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	561.24	70.89
33 42 11 00-0641	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	593.63	75.06
33 42 11 00-0642	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	627.70	83.40
33 42 11 00-0643	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	661.98	91.74
33 42 11 00-0644		12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0620)*		
33 42 11 00-0645	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	396.07	30.02
33 42 11 00-0646	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	477.32	36.70
33 42 11 00-0647	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	541.16	53.37
33 42 11 00-0648	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	580.97	58.38
33 42 11 00-0649	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	618.29	62.55
33 42 11 00-0650	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	656.04	66.72
33 42 11 00-0651	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	694.21	70.89
33 42 11 00-0652	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	734.53	75.06
33 42 11 00-0653	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	777.12	83.40
33 42 11 00-0654	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	819.15	91.74
33 42 11 00-0655	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	860.11	100.08
33 42 11 00-0656		10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0620)*		
33 42 11 00-0657	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	632.78	53.37
33 42 11 00-0658	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	681.11	58.38
33 42 11 00-0659	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	726.45	62.55
33 42 11 00-0660	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	771.42	66.72
33 42 11 00-0661	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	817.34	70.89
33 42 11 00-0662	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	865.33	75.06
33 42 11 00-0663	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	915.41	83.40
33 42 11 00-0664	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	965.13	91.74
33 42 11 00-0665	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,013.64	100.08
33 42 11 00-0666	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,075.50	108.42
33 42 11 00-0667	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,130.92	116.76
33 42 11 00-0668	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,190.37	125.10
33 42 11 00-0669		Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0325)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0670		2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*		
33 42 11 00-0671		16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0670)*		
33 42 11 00-0672	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	32.67	8.64
		For Bituminous Coated Pipe, Add	*3.71*	
		For Bituminous Coated And 25% Paved, Add	*8.98*	
		For Smooth-Flo, Add	*14.81*	
33 42 11 00-0673	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	36.22	9.44
		For Bituminous Coated Pipe, Add	*4.43*	
		For Bituminous Coated And 25% Paved, Add	*10.72*	
		For Smooth-Flo, Add	*17.69*	
33 42 11 00-0674	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	41.30	10.22
		For Bituminous Coated Pipe, Add	*5.34*	
		For Bituminous Coated And 25% Paved, Add	*12.91*	
		For Smooth-Flo, Add	*21.29*	
33 42 11 00-0675	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	46.28	11.01
		For Bituminous Coated Pipe, Add	*6.15*	
		For Bituminous Coated And 25% Paved, Add	*14.88*	
		For Smooth-Flo, Add	*24.54*	
33 42 11 00-0676	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	60.41	14.15
		For Bituminous Coated Pipe, Add	*7.81*	
		For Bituminous Coated And 25% Paved, Add	*18.89*	
		For Smooth-Flo, Add	*31.16*	
33 42 11 00-0677	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	79.39	18.35
		For Bituminous Coated Pipe, Add	*10.08*	
		For Bituminous Coated And 25% Paved, Add	*24.36*	
		For Smooth-Flo, Add	*40.19*	
33 42 11 00-0678		14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0670)*		
33 42 11 00-0679	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	35.69	8.64
		For Bituminous Coated Pipe, Add	*3.85*	
		For Bituminous Coated And 25% Paved, Add	*9.02*	
		For Smooth-Flo, Add	*14.79*	
33 42 11 00-0680	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	39.91	9.44
		For Bituminous Coated Pipe, Add	*4.62*	
		For Bituminous Coated And 25% Paved, Add	*10.81*	
		For Smooth-Flo, Add	*17.74*	
33 42 11 00-0681	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	45.41	10.22
		For Bituminous Coated Pipe, Add	*5.49*	
		For Bituminous Coated And 25% Paved, Add	*12.85*	
		For Smooth-Flo, Add	*21.08*	
33 42 11 00-0682	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	51.03	11.01
		For Bituminous Coated Pipe, Add	*6.33*	
		For Bituminous Coated And 25% Paved, Add	*14.82*	
		For Smooth-Flo, Add	*24.30*	
33 42 11 00-0683	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	66.34	14.15
		For Bituminous Coated Pipe, Add	*8.02*	
		For Bituminous Coated And 25% Paved, Add	*18.77*	
		For Smooth-Flo, Add	*30.78*	
33 42 11 00-0684	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	86.45	18.35
		For Bituminous Coated Pipe, Add	*10.22*	
		For Bituminous Coated And 25% Paved, Add	*23.91*	
		For Smooth-Flo, Add	*39.21*	
33 42 11 00-0685	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	99.08	21.69
		For Bituminous Coated Pipe, Add	*12.17*	
		For Bituminous Coated And 25% Paved, Add	*28.48*	
		For Smooth-Flo, Add	*46.71*	
33 42 11 00-0686		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0670)*		
33 42 11 00-0687	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	51.68	10.01
		For Bituminous Coated Pipe, Add	*5.00*	
		For Bituminous Coated And 25% Paved, Add	*11.13*	
		For Smooth-Flo, Add	*17.11*	
33 42 11 00-0688	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	58.85	10.84
		For Bituminous Coated Pipe, Add	*5.93*	
		For Bituminous Coated And 25% Paved, Add	*13.19*	
		For Smooth-Flo, Add	*20.29*	
33 42 11 00-0689	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	66.00	11.67
		For Bituminous Coated Pipe, Add	*6.80*	
		For Bituminous Coated And 25% Paved, Add	*15.13*	
		For Smooth-Flo, Add	*23.27*	
33 42 11 00-0690	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	85.43	15.01
		For Bituminous Coated Pipe, Add	*8.56*	
		For Bituminous Coated And 25% Paved, Add	*19.06*	
		For Smooth-Flo, Add	*29.30*	
33 42 11 00-0691	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	100.86	18.35
		For Bituminous Coated Pipe, Add	*10.72*	
		For Bituminous Coated And 25% Paved, Add	*23.85*	
		For Smooth-Flo, Add	*36.67*	
33 42 11 00-0692	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	115.71	21.69
		For Bituminous Coated Pipe, Add	*12.67*	
		For Bituminous Coated And 25% Paved, Add	*28.20*	
		For Smooth-Flo, Add	*43.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0693	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	134.76	25.02
		For Bituminous Coated Pipe, Add	*15.03*	
		For Bituminous Coated And 25% Paved, Add	*33.44*	
		For Smooth-Flo, Add	*51.43*	
33 42 11 00-0694	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	150.88	28.36
		For Bituminous Coated Pipe, Add	*16.60*	
		For Bituminous Coated And 25% Paved, Add	*36.93*	
		For Smooth-Flo, Add	*56.79*	

33 42 11 00-0695 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0670)*

33 42 11 00-0696	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	114.42	18.35
		For Bituminous Coated Pipe, Add	*12.91*	
		For Bituminous Coated And 25% Paved, Add	*27.18*	
		For Smooth-Flo, Add	*34.28*	
33 42 11 00-0697	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	131.52	21.69
		For Bituminous Coated Pipe, Add	*15.23*	
		For Bituminous Coated And 25% Paved, Add	*32.06*	
		For Smooth-Flo, Add	*40.43*	
33 42 11 00-0698	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	152.68	25.02
		For Bituminous Coated Pipe, Add	*17.92*	
		For Bituminous Coated And 25% Paved, Add	*37.72*	
		For Smooth-Flo, Add	*47.57*	
33 42 11 00-0699	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	171.14	28.36
		For Bituminous Coated Pipe, Add	*19.87*	
		For Bituminous Coated And 25% Paved, Add	*41.83*	
		For Smooth-Flo, Add	*52.75*	
33 42 11 00-0700	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	187.43	30.02
		For Bituminous Coated Pipe, Add	*21.81*	
		For Bituminous Coated And 25% Paved, Add	*45.92*	
		For Smooth-Flo, Add	*57.91*	

33 42 11 00-0701 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*

33 42 11 00-0702 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0701)*

33 42 11 00-0703	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	150.68	28.36
		For Bituminous Coated Pipe, Add	*19.15*	
		For Bituminous Coated And 25% Paved, Add	*58.20*	
		For Smooth-Flo, Add	*65.10*	
33 42 11 00-0704	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	164.64	30.02
		For Bituminous Coated Pipe, Add	*20.95*	
		For Bituminous Coated And 25% Paved, Add	*63.70*	
		For Smooth-Flo, Add	*71.24*	
33 42 11 00-0705	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	203.43	36.70
		For Bituminous Coated Pipe, Add	*26.32*	
		For Bituminous Coated And 25% Paved, Add	*80.00*	
		For Smooth-Flo, Add	*89.47*	
33 42 11 00-0706	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	247.22	53.37
		For Bituminous Coated Pipe, Add	*28.21*	
		For Bituminous Coated And 25% Paved, Add	*85.77*	
		For Smooth-Flo, Add	*95.93*	
33 42 11 00-0707	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	267.79	58.38
		For Bituminous Coated Pipe, Add	*30.21*	
		For Bituminous Coated And 25% Paved, Add	*91.83*	
		For Smooth-Flo, Add	*102.70*	
33 42 11 00-0708	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	286.15	62.55
		For Bituminous Coated Pipe, Add	*32.21*	
		For Bituminous Coated And 25% Paved, Add	*97.92*	
		For Smooth-Flo, Add	*109.51*	
33 42 11 00-0709	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	304.44	66.72
		For Bituminous Coated Pipe, Add	*34.20*	
		For Bituminous Coated And 25% Paved, Add	*103.97*	
		For Smooth-Flo, Add	*116.29*	
33 42 11 00-0710	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	323.33	70.89
		For Bituminous Coated Pipe, Add	*36.19*	
		For Bituminous Coated And 25% Paved, Add	*110.01*	
		For Smooth-Flo, Add	*123.04*	

33 42 11 00-0711 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0701)*

33 42 11 00-0712	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	195.81	30.02
		For Bituminous Coated Pipe, Add	*27.19*	
		For Bituminous Coated And 25% Paved, Add	*71.23*	
		For Smooth-Flo, Add	*84.28*	
33 42 11 00-0713	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	238.02	36.70
		For Bituminous Coated Pipe, Add	*33.23*	
		For Bituminous Coated And 25% Paved, Add	*87.07*	
		For Smooth-Flo, Add	*103.03*	
33 42 11 00-0714	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	284.87	53.37
		For Bituminous Coated Pipe, Add	*35.74*	
		For Bituminous Coated And 25% Paved, Add	*93.65*	
		For Smooth-Flo, Add	*110.81*	
33 42 11 00-0715	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	308.48	58.38
		For Bituminous Coated Pipe, Add	*38.34*	
		For Bituminous Coated And 25% Paved, Add	*100.46*	
		For Smooth-Flo, Add	*118.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0716	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	329.87	62.55
		For Bituminous Coated Pipe, Add	*40.95*	
		For Bituminous Coated And 25% Paved, Add	*107.30*	
		For Smooth-Flo, Add	*126.96*	
33 42 11 00-0717	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	351.23	66.72
		For Bituminous Coated Pipe, Add	*43.56*	
		For Bituminous Coated And 25% Paved, Add	*114.13*	
		For Smooth-Flo, Add	*135.04*	
33 42 11 00-0718	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	373.17	70.89
		For Bituminous Coated Pipe, Add	*46.16*	
		For Bituminous Coated And 25% Paved, Add	*120.93*	
		For Smooth-Flo, Add	*143.08*	
33 42 11 00-0719	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	397.52	75.06
		For Bituminous Coated Pipe, Add	*48.78*	
		For Bituminous Coated And 25% Paved, Add	*127.80*	
		For Smooth-Flo, Add	*151.21*	
33 42 11 00-0720	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	423.72	83.40
		For Bituminous Coated Pipe, Add	*51.38*	
		For Bituminous Coated And 25% Paved, Add	*134.63*	
		For Smooth-Flo, Add	*159.29*	
33 42 11 00-0721	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	450.87	91.74
		For Bituminous Coated Pipe, Add	*54.25*	
		For Bituminous Coated And 25% Paved, Add	*142.13*	
		For Smooth-Flo, Add	*168.17*	
33 42 11 00-0722		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0701)*		
33 42 11 00-0723	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	319.85	53.37
		For Bituminous Coated Pipe, Add	*42.74*	
		For Bituminous Coated And 25% Paved, Add	*101.72*	
		For Smooth-Flo, Add	*110.48*	
33 42 11 00-0724	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	346.35	58.38
		For Bituminous Coated Pipe, Add	*45.92*	
		For Bituminous Coated And 25% Paved, Add	*109.28*	
		For Smooth-Flo, Add	*118.70*	
33 42 11 00-0725	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	370.62	62.55
		For Bituminous Coated Pipe, Add	*49.10*	
		For Bituminous Coated And 25% Paved, Add	*116.87*	
		For Smooth-Flo, Add	*126.93*	
33 42 11 00-0726	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	394.79	66.72
		For Bituminous Coated Pipe, Add	*52.27*	
		For Bituminous Coated And 25% Paved, Add	*124.41*	
		For Smooth-Flo, Add	*135.12*	
33 42 11 00-0727	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	419.63	70.89
		For Bituminous Coated Pipe, Add	*55.45*	
		For Bituminous Coated And 25% Paved, Add	*131.97*	
		For Smooth-Flo, Add	*143.33*	
33 42 11 00-0728	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	446.82	75.06
		For Bituminous Coated Pipe, Add	*58.64*	
		For Bituminous Coated And 25% Paved, Add	*139.56*	
		For Smooth-Flo, Add	*151.58*	
33 42 11 00-0729	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	475.89	83.40
		For Bituminous Coated Pipe, Add	*61.82*	
		For Bituminous Coated And 25% Paved, Add	*147.13*	
		For Smooth-Flo, Add	*159.80*	
33 42 11 00-0730	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	505.69	91.74
		For Bituminous Coated Pipe, Add	*65.21*	
		For Bituminous Coated And 25% Paved, Add	*155.20*	
		For Smooth-Flo, Add	*168.57*	
33 42 11 00-0731	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	537.84	100.08
		For Bituminous Coated Pipe, Add	*69.29*	
		For Bituminous Coated And 25% Paved, Add	*164.90*	
		For Smooth-Flo, Add	*179.10*	
33 42 11 00-0732		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*		
33 42 11 00-0733		12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)*		
33 42 11 00-0734	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	288.30	53.37
		For Bituminous Coated Pipe, Add	*36.43*	
		For Bituminous Coated And 25% Paved, Add	*88.89*	
		For Smooth-Flo, Add	*113.12*	
33 42 11 00-0735	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	311.57	58.38
		For Bituminous Coated Pipe, Add	*38.96*	
		For Bituminous Coated And 25% Paved, Add	*95.07*	
		For Smooth-Flo, Add	*120.98*	
33 42 11 00-0736	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	332.44	62.55
		For Bituminous Coated Pipe, Add	*41.47*	
		For Bituminous Coated And 25% Paved, Add	*101.18*	
		For Smooth-Flo, Add	*128.76*	
33 42 11 00-0737	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	353.29	66.72
		For Bituminous Coated Pipe, Add	*43.97*	
		For Bituminous Coated And 25% Paved, Add	*107.29*	
		For Smooth-Flo, Add	*136.53*	
33 42 11 00-0738	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	374.85	70.89
		For Bituminous Coated Pipe, Add	*46.49*	
		For Bituminous Coated And 25% Paved, Add	*113.44*	
		For Smooth-Flo, Add	*144.36*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0739		LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	398.93	75.06
			For Bituminous Coated Pipe, Add	*49.06*	
			For Bituminous Coated And 25% Paved, Add	*119.71*	
			For Smooth-Flo, Add	*152.33*	
33 42 11 00-0740		LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	424.84	83.40
			For Bituminous Coated Pipe, Add	*51.61*	
			For Bituminous Coated And 25% Paved, Add	*125.92*	
			For Smooth-Flo, Add	*160.24*	
33 42 11 00-0741		LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	453.66	91.74
			For Bituminous Coated Pipe, Add	*54.81*	
			For Bituminous Coated And 25% Paved, Add	*133.73*	
			For Smooth-Flo, Add	*170.17*	

33 42 11 00-0742 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)*

33 42 11 00-0743		LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	327.02	53.37
			For Bituminous Coated Pipe, Add	*44.17*	
			For Bituminous Coated And 25% Paved, Add	*99.83*	
			For Smooth-Flo, Add	*108.45*	
33 42 11 00-0744		LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	353.39	58.38
			For Bituminous Coated Pipe, Add	*47.33*	
			For Bituminous Coated And 25% Paved, Add	*106.96*	
			For Smooth-Flo, Add	*116.19*	
33 42 11 00-0745		LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	377.40	62.55
			For Bituminous Coated Pipe, Add	*50.46*	
			For Bituminous Coated And 25% Paved, Add	*114.04*	
			For Smooth-Flo, Add	*123.88*	
33 42 11 00-0746		LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	401.49	66.72
			For Bituminous Coated Pipe, Add	*53.61*	
			For Bituminous Coated And 25% Paved, Add	*121.16*	
			For Smooth-Flo, Add	*131.62*	
33 42 11 00-0747		LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	425.68	70.89
			For Bituminous Coated Pipe, Add	*56.66*	
			For Bituminous Coated And 25% Paved, Add	*128.05*	
			For Smooth-Flo, Add	*139.10*	
33 42 11 00-0748		LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	453.32	75.06
			For Bituminous Coated Pipe, Add	*59.94*	
			For Bituminous Coated And 25% Paved, Add	*135.46*	
			For Smooth-Flo, Add	*147.15*	
33 42 11 00-0749		LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	482.45	83.40
			For Bituminous Coated Pipe, Add	*63.13*	
			For Bituminous Coated And 25% Paved, Add	*142.67*	
			For Smooth-Flo, Add	*154.98*	
33 42 11 00-0750		LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	514.44	91.74
			For Bituminous Coated Pipe, Add	*66.96*	
			For Bituminous Coated And 25% Paved, Add	*151.33*	
			For Smooth-Flo, Add	*164.39*	
33 42 11 00-0751		LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	544.31	100.08
			For Bituminous Coated Pipe, Add	*70.58*	
			For Bituminous Coated And 25% Paved, Add	*159.51*	
			For Smooth-Flo, Add	*173.27*	

33 42 11 00-0752 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*

33 42 11 00-0753 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0752)*

33 42 11 00-0754		LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	52.08	8.64
33 42 11 00-0755		LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	59.41	9.44
33 42 11 00-0756		LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	69.28	10.22
33 42 11 00-0757		LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	78.57	11.01
33 42 11 00-0758		LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	101.54	14.15
33 42 11 00-0759		LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	132.82	18.35

33 42 11 00-0760 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0752)*

33 42 11 00-0761		LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	59.00	8.64
33 42 11 00-0762		LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	67.87	9.44
33 42 11 00-0763		LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	78.73	10.22
33 42 11 00-0764		LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	89.55	11.01
33 42 11 00-0765		LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	115.19	14.15
33 42 11 00-0766		LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	149.05	18.35
33 42 11 00-0767		LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	173.81	21.69

33 42 11 00-0768 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0752)*

33 42 11 00-0769		LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	88.61	9.44
33 42 11 00-0770		LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	103.30	10.22
33 42 11 00-0771		LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	117.37	11.01
33 42 11 00-0772		LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	149.91	14.15
33 42 11 00-0773		LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	190.99	18.35
33 42 11 00-0774		LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	222.65	21.69
33 42 11 00-0775		LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	262.45	25.02
33 42 11 00-0776		LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	291.51	28.36

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0777		10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0752)*		
33 42 11 00-0778	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	223.89	18.35
33 42 11 00-0779	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	261.04	21.69
33 42 11 00-0780	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	305.96	25.02
33 42 11 00-0781	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	340.70	28.36
33 42 11 00-0782	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	373.20	30.02
33 42 11 00-0783		3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*		
33 42 11 00-0784		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0783)*		
33 42 11 00-0785	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	294.37	28.36
33 42 11 00-0786	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	321.58	30.02
33 42 11 00-0787	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	402.21	36.70
33 42 11 00-0788	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	460.03	53.37
33 42 11 00-0789	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	495.37	58.38
33 42 11 00-0790	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	528.54	62.55
33 42 11 00-0791	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	561.57	66.72
33 42 11 00-0792	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	595.28	70.89
33 42 11 00-0793		12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0783)*		
33 42 11 00-0794	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	400.90	30.02
33 42 11 00-0795	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	490.51	36.70
33 42 11 00-0796	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	556.13	53.37
33 42 11 00-0797	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	599.13	58.38
33 42 11 00-0798	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	640.00	62.55
33 42 11 00-0799	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	680.81	66.72
33 42 11 00-0800	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	722.15	70.89
33 42 11 00-0801	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	766.04	75.06
33 42 11 00-0802	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	811.69	83.40
33 42 11 00-0803	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	860.24	91.74
33 42 11 00-0804		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0783)*		
33 42 11 00-0805	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	643.31	53.37
33 42 11 00-0806	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	693.52	58.38
33 42 11 00-0807	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	741.60	62.55
33 42 11 00-0808	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	789.41	66.72
33 42 11 00-0809	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	837.93	70.89
33 42 11 00-0810	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	888.95	75.06
33 42 11 00-0811	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	941.78	83.40
33 42 11 00-0812	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	996.87	91.74
33 42 11 00-0813	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,059.42	100.08
33 42 11 00-0814		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0669)*		
33 42 11 00-0815		12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)*		
33 42 11 00-0816	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	548.29	53.37
33 42 11 00-0817	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	589.33	58.38
33 42 11 00-0818	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	627.76	62.55
33 42 11 00-0819	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	666.12	66.72
33 42 11 00-0820	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	705.35	70.89
33 42 11 00-0821	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	747.41	75.06
33 42 11 00-0822	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	791.17	83.40
33 42 11 00-0823	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	842.37	91.74
33 42 11 00-0824		10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)*		
33 42 11 00-0825	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	641.28	53.37
33 42 11 00-0826	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	689.70	58.38
33 42 11 00-0827	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	735.67	62.55
33 42 11 00-0828	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	781.84	66.72
33 42 11 00-0829	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	827.41	70.89
33 42 11 00-0830	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	877.99	75.06
33 42 11 00-0831	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	929.49	83.40
33 42 11 00-0832	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	988.43	91.74
33 42 11 00-0833	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,043.52	100.08
33 42 11 00-0834		Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0325)*		
33 42 11 00-0835		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0834)*		
33 42 11 00-0836		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0835)*		
33 42 11 00-0837	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	30.83	8.25
		For 1/2 Bituminous Coated And 25% Paved, Add	*5.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0838	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	34.98	8.64
		For 1/2 Bituminous Coated And 25% Paved, Add	*6.96*	
33 42 11 00-0839	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	39.29	9.44
		For 1/2 Bituminous Coated And 25% Paved, Add	*8.44*	
33 42 11 00-0840	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	44.82	10.22
		For 1/2 Bituminous Coated And 25% Paved, Add	*10.08*	
33 42 11 00-0841	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	49.68	11.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*11.36*	
33 42 11 00-0842	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	65.50	14.15
		For 1/2 Bituminous Coated And 25% Paved, Add	*14.73*	
33 42 11 00-0843	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	84.93	18.35
		For 1/2 Bituminous Coated And 25% Paved, Add	*18.59*	
33 42 11 00-0844	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	96.88	21.69
		For 1/2 Bituminous Coated And 25% Paved, Add	*21.99*	
33 42 11 00-0845	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	108.87	25.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*24.64*	

33 42 11 00-0846 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0835)*

33 42 11 00-0847	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	33.81	8.25
		For 1/2 Bituminous Coated And 25% Paved, Add	*5.25*	
33 42 11 00-0848	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	38.67	8.64
		For 1/2 Bituminous Coated And 25% Paved, Add	*6.59*	
33 42 11 00-0849	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	43.68	9.44
		For 1/2 Bituminous Coated And 25% Paved, Add	*7.96*	
33 42 11 00-0850	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	49.91	10.22
		For 1/2 Bituminous Coated And 25% Paved, Add	*9.47*	
33 42 11 00-0851	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	55.59	11.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*10.72*	
33 42 11 00-0852	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	72.73	14.15
		For 1/2 Bituminous Coated And 25% Paved, Add	*13.77*	
33 42 11 00-0853	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	93.68	18.35
		For 1/2 Bituminous Coated And 25% Paved, Add	*17.25*	
33 42 11 00-0854	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	106.96	21.69
		For 1/2 Bituminous Coated And 25% Paved, Add	*20.32*	
33 42 11 00-0855	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	120.35	25.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*22.82*	
33 42 11 00-0856	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	144.04	28.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*28.06*	

33 42 11 00-0857 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0835)*

33 42 11 00-0858	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	52.91	9.44
		For 1/2 Bituminous Coated And 25% Paved, Add	*7.42*	
33 42 11 00-0859	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	60.69	10.22
		For 1/2 Bituminous Coated And 25% Paved, Add	*8.78*	
33 42 11 00-0860	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	67.83	11.01
		For 1/2 Bituminous Coated And 25% Paved, Add	*9.95*	
33 42 11 00-0861	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	88.01	14.15
		For 1/2 Bituminous Coated And 25% Paved, Add	*12.68*	
33 42 11 00-0862	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	112.11	18.35
		For 1/2 Bituminous Coated And 25% Paved, Add	*15.74*	
33 42 11 00-0863	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	128.32	21.69
		For 1/2 Bituminous Coated And 25% Paved, Add	*18.46*	
33 42 11 00-0864	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	144.72	25.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*20.82*	
33 42 11 00-0865	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	171.87	28.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*25.14*	
33 42 11 00-0866	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	187.71	30.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*27.49*	
33 42 11 00-0867	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	229.07	36.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.80*	

33 42 11 00-0868 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0835)*

33 42 11 00-0869	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	128.69	18.35
		For 1/2 Bituminous Coated And 25% Paved, Add	*17.24*	
33 42 11 00-0870	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	147.70	21.69
		For 1/2 Bituminous Coated And 25% Paved, Add	*20.21*	
33 42 11 00-0871	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	166.73	25.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*22.82*	
33 42 11 00-0872	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	196.55	28.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*27.19*	
33 42 11 00-0873	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	215.17	30.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*29.82*	
33 42 11 00-0874	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	259.23	36.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*35.98*	
33 42 11 00-0875	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	307.04	53.37
		For 1/2 Bituminous Coated And 25% Paved, Add	*38.57*	

33 42 11 00-0876 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0834)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0877		**16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0876)*		
33 42 11 00-0878	LF	36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	97.96	18.35
		For 1/2 Bituminous Coated And 25% Paved, Add	*20.66*	
33 42 11 00-0879	LF	42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	111.80	21.69
		For 1/2 Bituminous Coated And 25% Paved, Add	*24.27*	
33 42 11 00-0880	LF	48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	125.64	25.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*27.21*	
33 42 11 00-0881	LF	54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	149.92	28.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.24*	
33 42 11 00-0882	LF	60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	163.34	30.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*36.21*	
33 42 11 00-0883	LF	66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	204.76	36.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*46.52*	
33 42 11 00-0884	LF	72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	247.81	53.37
		For 1/2 Bituminous Coated And 25% Paved, Add	*49.58*	
33 42 11 00-0885	LF	78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	267.20	58.38
		For 1/2 Bituminous Coated And 25% Paved, Add	*52.65*	
33 42 11 00-0886	LF	84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	284.34	62.55
		For 1/2 Bituminous Coated And 25% Paved, Add	*55.73*	
33 42 11 00-0887	LF	90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	301.48	66.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*58.82*	
33 42 11 00-0888	LF	96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	319.22	70.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*61.89*	
33 42 11 00-0889	LF	102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	339.33	75.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*65.00*	
33 42 11 00-0890		**14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0876)*		
33 42 11 00-0891	LF	54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	164.89	28.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*28.80*	
33 42 11 00-0892	LF	60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	179.89	30.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*31.45*	
33 42 11 00-0893	LF	66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	222.96	36.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*39.59*	
33 42 11 00-0894	LF	72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	267.65	53.37
		For 1/2 Bituminous Coated And 25% Paved, Add	*42.31*	
33 42 11 00-0895	LF	78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	288.64	58.38
		For 1/2 Bituminous Coated And 25% Paved, Add	*45.03*	
33 42 11 00-0896	LF	84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	307.48	62.55
		For 1/2 Bituminous Coated And 25% Paved, Add	*47.78*	
33 42 11 00-0897	LF	90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	326.19	66.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*50.50*	
33 42 11 00-0898	LF	96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	345.53	70.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*53.22*	
33 42 11 00-0899	LF	102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	367.24	75.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*55.97*	
33 42 11 00-0900	LF	108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	390.85	83.40
		For 1/2 Bituminous Coated And 25% Paved, Add	*58.70*	
33 42 11 00-0901	LF	114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	413.95	91.74
		For 1/2 Bituminous Coated And 25% Paved, Add	*61.39*	
33 42 11 00-0902		**12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0876)*		
33 42 11 00-0903	LF	60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	216.67	30.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*42.18*	
33 42 11 00-0904	LF	66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	263.68	36.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*51.60*	
33 42 11 00-0905	LF	72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	311.91	53.37
		For 1/2 Bituminous Coated And 25% Paved, Add	*55.35*	
33 42 11 00-0906	LF	78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	336.51	58.38
		For 1/2 Bituminous Coated And 25% Paved, Add	*59.11*	
33 42 11 00-0907	LF	84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	358.89	62.55
		For 1/2 Bituminous Coated And 25% Paved, Add	*62.89*	
33 42 11 00-0908	LF	90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	381.20	66.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*66.65*	
33 42 11 00-0909	LF	96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	404.12	70.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*70.41*	
33 42 11 00-0910	LF	102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	429.40	75.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*74.18*	
33 42 11 00-0911	LF	108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	456.56	83.40
		For 1/2 Bituminous Coated And 25% Paved, Add	*77.95*	
33 42 11 00-0912	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	483.26	91.74
		For 1/2 Bituminous Coated And 25% Paved, Add	*81.68*	
33 42 11 00-0913	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	509.08	100.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*85.45*	
33 42 11 00-0914		**10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0876)*		
33 42 11 00-0915	LF	72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	353.19	53.37
		For 1/2 Bituminous Coated And 25% Paved, Add	*67.94*	
33 42 11 00-0916	LF	78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	381.11	58.38
		For 1/2 Bituminous Coated And 25% Paved, Add	*72.70*	
33 42 11 00-0917	LF	84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	406.89	62.55
		For 1/2 Bituminous Coated And 25% Paved, Add	*77.49*	

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33 42 11 00-0918	LF	90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	432.56	66.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*82.26*	
33 42 11 00-0919	LF	96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	458.91	70.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*87.04*	
33 42 11 00-0920	LF	102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	487.60	75.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*91.84*	
33 42 11 00-0921	LF	108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	518.10	83.40
		For 1/2 Bituminous Coated And 25% Paved, Add	*96.61*	
33 42 11 00-0922	LF	114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	548.18	91.74
		For 1/2 Bituminous Coated And 25% Paved, Add	*101.35*	
33 42 11 00-0923	LF	120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	577.41	100.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*106.15*	
33 42 11 00-0924	LF	126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	608.14	108.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*110.91*	
33 42 11 00-0925	LF	132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	641.02	116.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*115.70*	
33 42 11 00-0926	LF	138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	676.45	125.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*120.50*	

33 42 11 00-0927 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-0834)

33 42 11 00-0928 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0927)*

33 42 11 00-0929	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	126.12	25.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.72*	
33 42 11 00-0930	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	150.79	28.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*41.31*	
33 42 11 00-0931	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	164.10	30.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*44.92*	
33 42 11 00-0932	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	203.07	36.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*56.56*	
33 42 11 00-0933	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	245.92	53.37
		For 1/2 Bituminous Coated And 25% Paved, Add	*60.24*	
33 42 11 00-0934	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	265.09	58.38
		For 1/2 Bituminous Coated And 25% Paved, Add	*63.93*	
33 42 11 00-0935	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	281.92	62.55
		For 1/2 Bituminous Coated And 25% Paved, Add	*67.59*	
33 42 11 00-0936	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	298.70	66.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*71.23*	
33 42 11 00-0937	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	316.27	70.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*74.94*	
33 42 11 00-0938	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	336.31	75.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*78.74*	

33 42 11 00-0939 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0927)*

33 42 11 00-0940	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	169.51	28.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*38.95*	
33 42 11 00-0941	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	184.95	30.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*42.53*	
33 42 11 00-0942	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	225.78	36.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*52.34*	
33 42 11 00-0943	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	270.49	53.37
		For 1/2 Bituminous Coated And 25% Paved, Add	*55.88*	
33 42 11 00-0944	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	291.85	58.38
		For 1/2 Bituminous Coated And 25% Paved, Add	*59.53*	
33 42 11 00-0945	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	310.77	62.55
		For 1/2 Bituminous Coated And 25% Paved, Add	*63.13*	
33 42 11 00-0946	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	328.61	66.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*66.36*	
33 42 11 00-0947	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	349.16	70.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*70.30*	
33 42 11 00-0948	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	370.98	75.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*73.90*	
33 42 11 00-0949	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	394.62	83.40
		For 1/2 Bituminous Coated And 25% Paved, Add	*77.46*	
33 42 11 00-0950	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	418.17	91.74
		For 1/2 Bituminous Coated And 25% Paved, Add	*81.10*	

33 42 11 00-0951 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0927)*

33 42 11 00-0952	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	223.93	30.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*46.92*	
33 42 11 00-0953	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	268.75	36.70
		For 1/2 Bituminous Coated And 25% Paved, Add	*56.31*	
33 42 11 00-0954	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	317.54	53.37
		For 1/2 Bituminous Coated And 25% Paved, Add	*60.46*	
33 42 11 00-0955	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	342.50	58.38
		For 1/2 Bituminous Coated And 25% Paved, Add	*64.56*	
33 42 11 00-0956	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	365.11	62.55
		For 1/2 Bituminous Coated And 25% Paved, Add	*68.64*	
33 42 11 00-0957	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	387.90	66.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*72.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0958	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	411.18	70.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*76.87*	
33 42 11 00-0959	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	436.75	75.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*80.97*	
33 42 11 00-0960	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	464.35	83.40
		For 1/2 Bituminous Coated And 25% Paved, Add	*85.10*	
33 42 11 00-0961	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	491.53	91.74
		For 1/2 Bituminous Coated And 25% Paved, Add	*89.20*	
33 42 11 00-0962	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	517.67	100.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*93.31*	

33 42 11 00-0963 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0927)*

33 42 11 00-0964	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	362.59	53.37
		For 1/2 Bituminous Coated And 25% Paved, Add	*73.34*	
33 42 11 00-0965	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	391.74	58.38
		For 1/2 Bituminous Coated And 25% Paved, Add	*78.64*	
33 42 11 00-0966	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	418.26	62.55
		For 1/2 Bituminous Coated And 25% Paved, Add	*83.84*	
33 42 11 00-0967	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	444.60	66.72
		For 1/2 Bituminous Coated And 25% Paved, Add	*88.99*	
33 42 11 00-0968	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	471.71	70.89
		For 1/2 Bituminous Coated And 25% Paved, Add	*94.19*	
33 42 11 00-0969	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	501.02	75.06
		For 1/2 Bituminous Coated And 25% Paved, Add	*99.35*	
33 42 11 00-0970	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	532.34	83.40
		For 1/2 Bituminous Coated And 25% Paved, Add	*104.54*	
33 42 11 00-0971	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	563.29	91.74
		For 1/2 Bituminous Coated And 25% Paved, Add	*109.73*	
33 42 11 00-0972	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	593.11	100.08
		For 1/2 Bituminous Coated And 25% Paved, Add	*114.89*	
33 42 11 00-0973	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	630.37	108.42
		For 1/2 Bituminous Coated And 25% Paved, Add	*121.70*	
33 42 11 00-0974	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	665.45	116.76
		For 1/2 Bituminous Coated And 25% Paved, Add	*127.31*	
33 42 11 00-0975	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	703.80	125.10
		For 1/2 Bituminous Coated And 25% Paved, Add	*133.14*	

33 42 11 00-0976 Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0834)*

33 42 11 00-0977 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0976)*

33 42 11 00-0978	LF	18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	44.33	9.44
33 42 11 00-0979	LF	21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	50.65	10.22
33 42 11 00-0980	LF	24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	56.58	11.01
33 42 11 00-0981	LF	30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	73.91	14.15
33 42 11 00-0982	LF	36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	94.81	18.35
33 42 11 00-0983	LF	42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	108.28	21.69
33 42 11 00-0984	LF	48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	122.12	25.02
33 42 11 00-0985	LF	54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	144.83	28.36
33 42 11 00-0986	LF	60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	158.22	30.02

33 42 11 00-0987 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0976)*

33 42 11 00-0988	LF	18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	48.66	9.44
33 42 11 00-0989	LF	21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	55.71	10.22
33 42 11 00-0990	LF	24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	62.32	11.01
33 42 11 00-0991	LF	30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	81.09	14.15
33 42 11 00-0992	LF	36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	103.44	18.35
33 42 11 00-0993	LF	42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	118.38	21.69
33 42 11 00-0994	LF	48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	133.66	25.02
33 42 11 00-0995	LF	54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	157.80	28.36
33 42 11 00-0996	LF	60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	172.68	30.02
33 42 11 00-0997	LF	66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	209.93	36.70
33 42 11 00-0998	LF	72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	254.05	53.37
33 42 11 00-0999	LF	78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	274.63	58.38

33 42 11 00-1000 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0976)*

33 42 11 00-1001	LF	30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	95.64	14.15
33 42 11 00-1002	LF	36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	120.86	18.35
33 42 11 00-1003	LF	42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	138.78	21.69
33 42 11 00-1004	LF	48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	156.93	25.02
33 42 11 00-1005	LF	54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	183.97	28.36
33 42 11 00-1006	LF	60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	201.81	30.02
33 42 11 00-1007	LF	66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	241.90	36.70
33 42 11 00-1008	LF	72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	288.89	53.37
33 42 11 00-1009	LF	78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	312.36	58.38
33 42 11 00-1010	LF	84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	333.48	62.55
33 42 11 00-1011	LF	90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	354.61	66.72
33 42 11 00-1012	LF	96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	376.29	70.89
33 42 11 00-1013	LF	102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	398.90	75.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1014		Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-0325)*		
33 42 11 00-1015		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1014)*		
33 42 11 00-1016		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1015)*		
33 42 11 00-1017	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	35.99	8.64
		For 1/2 Bituminous Coated And 40% Paved, Add	*8.99*	
33 42 11 00-1018	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	40.19	9.44
		For 1/2 Bituminous Coated And 40% Paved, Add	*10.74*	
33 42 11 00-1019	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	46.06	10.22
		For 1/2 Bituminous Coated And 40% Paved, Add	*12.92*	
33 42 11 00-1020	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	51.76	11.01
		For 1/2 Bituminous Coated And 40% Paved, Add	*14.88*	
33 42 11 00-1021	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	67.38	14.15
		For 1/2 Bituminous Coated And 40% Paved, Add	*18.91*	
33 42 11 00-1022	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	88.39	18.35
		For 1/2 Bituminous Coated And 40% Paved, Add	*24.39*	
33 42 11 00-1023		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1015)*		
33 42 11 00-1024	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	39.68	8.64
		For 1/2 Bituminous Coated And 40% Paved, Add	*9.32*	
33 42 11 00-1025	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	44.66	9.44
		For 1/2 Bituminous Coated And 40% Paved, Add	*11.16*	
33 42 11 00-1026	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	51.10	10.22
		For 1/2 Bituminous Coated And 40% Paved, Add	*13.28*	
33 42 11 00-1027	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	57.59	11.01
		For 1/2 Bituminous Coated And 40% Paved, Add	*15.31*	
33 42 11 00-1028	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	74.64	14.15
		For 1/2 Bituminous Coated And 40% Paved, Add	*19.38*	
33 42 11 00-1029	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	97.03	18.35
		For 1/2 Bituminous Coated And 40% Paved, Add	*24.70*	
33 42 11 00-1030	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	111.68	21.69
		For 1/2 Bituminous Coated And 40% Paved, Add	*29.42*	
33 42 11 00-1031		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1015)*		
33 42 11 00-1032	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	53.78	9.44
		For 1/2 Bituminous Coated And 40% Paved, Add	*10.22*	
33 42 11 00-1033	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	61.90	10.22
		For 1/2 Bituminous Coated And 40% Paved, Add	*12.15*	
33 42 11 00-1034	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	69.83	11.01
		For 1/2 Bituminous Coated And 40% Paved, Add	*13.95*	
33 42 11 00-1035	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	89.93	14.15
		For 1/2 Bituminous Coated And 40% Paved, Add	*17.60*	
33 42 11 00-1036	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	115.49	18.35
		For 1/2 Bituminous Coated And 40% Paved, Add	*22.13*	
33 42 11 00-1037	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	133.21	21.69
		For 1/2 Bituminous Coated And 40% Paved, Add	*26.23*	
33 42 11 00-1038	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	155.95	25.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*31.23*	
33 42 11 00-1039	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	174.07	28.36
		For 1/2 Bituminous Coated And 40% Paved, Add	*34.43*	
33 42 11 00-1040		10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1015)*		
33 42 11 00-1041	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	132.06	18.35
		For 1/2 Bituminous Coated And 40% Paved, Add	*23.29*	
33 42 11 00-1042	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	152.54	21.69
		For 1/2 Bituminous Coated And 40% Paved, Add	*27.52*	
33 42 11 00-1043	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	177.87	25.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*32.50*	
33 42 11 00-1044	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	198.86	28.36
		For 1/2 Bituminous Coated And 40% Paved, Add	*35.98*	
33 42 11 00-1045	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	217.68	30.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*39.45*	
33 42 11 00-1046		3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1014)*		
33 42 11 00-1047		14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1046)*		
33 42 11 00-1048	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	167.85	28.36
		For 1/2 Bituminous Coated And 40% Paved, Add	*51.71*	
33 42 11 00-1049	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	183.40	30.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*56.58*	
33 42 11 00-1050	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	227.01	36.70
		For 1/2 Bituminous Coated And 40% Paved, Add	*71.06*	
33 42 11 00-1051	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	272.49	53.37
		For 1/2 Bituminous Coated And 40% Paved, Add	*76.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1052	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	294.86	58.38
		For 1/2 Bituminous Coated And 40% Paved, Add	*81.57*	
33 42 11 00-1053	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	314.99	62.55
		For 1/2 Bituminous Coated And 40% Paved, Add	*86.97*	
33 42 11 00-1054	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	335.05	66.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*92.34*	
33 42 11 00-1055	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	355.78	70.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*97.73*	
33 42 11 00-1056		12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1046)*		
33 42 11 00-1057	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	220.21	30.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*64.30*	
33 42 11 00-1058	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	267.82	36.70
		For 1/2 Bituminous Coated And 40% Paved, Add	*78.58*	
33 42 11 00-1059	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	316.92	53.37
		For 1/2 Bituminous Coated And 40% Paved, Add	*84.52*	
33 42 11 00-1060	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	342.84	58.38
		For 1/2 Bituminous Coated And 40% Paved, Add	*90.66*	
33 42 11 00-1061	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	366.60	62.55
		For 1/2 Bituminous Coated And 40% Paved, Add	*96.84*	
33 42 11 00-1062	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	390.29	66.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*103.00*	
33 42 11 00-1063	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	414.56	70.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*109.14*	
33 42 11 00-1064	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	441.25	75.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*115.34*	
33 42 11 00-1065	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	469.78	83.40
		For 1/2 Bituminous Coated And 40% Paved, Add	*121.49*	
33 42 11 00-1066	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	499.53	91.74
		For 1/2 Bituminous Coated And 40% Paved, Add	*128.28*	
33 42 11 00-1067		10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1046)*		
33 42 11 00-1068	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	358.17	53.37
		For 1/2 Bituminous Coated And 40% Paved, Add	*91.48*	
33 42 11 00-1069	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	387.52	58.38
		For 1/2 Bituminous Coated And 40% Paved, Add	*98.29*	
33 42 11 00-1070	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	414.66	62.55
		For 1/2 Bituminous Coated And 40% Paved, Add	*105.11*	
33 42 11 00-1071	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	441.68	66.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*111.89*	
33 42 11 00-1072	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	471.63	70.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*119.51*	
33 42 11 00-1073	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	499.41	75.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*125.52*	
33 42 11 00-1074	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	531.35	83.40
		For 1/2 Bituminous Coated And 40% Paved, Add	*132.33*	
33 42 11 00-1075	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	564.16	91.74
		For 1/2 Bituminous Coated And 40% Paved, Add	*139.58*	
33 42 11 00-1076	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	599.97	100.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*148.31*	
33 42 11 00-1077		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1014)*		
33 42 11 00-1078		12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)*		
33 42 11 00-1079	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	321.08	53.37
		For 1/2 Bituminous Coated And 40% Paved, Add	*83.18*	
33 42 11 00-1080	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	346.64	58.38
		For 1/2 Bituminous Coated And 40% Paved, Add	*88.96*	
33 42 11 00-1081	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	369.78	62.55
		For 1/2 Bituminous Coated And 40% Paved, Add	*94.69*	
33 42 11 00-1082	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	392.88	66.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*100.41*	
33 42 11 00-1083	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	416.70	70.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*106.16*	
33 42 11 00-1084	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	443.08	75.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*112.02*	
33 42 11 00-1085	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	471.30	83.40
		For 1/2 Bituminous Coated And 40% Paved, Add	*117.84*	
33 42 11 00-1086	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	502.99	91.74
		For 1/2 Bituminous Coated And 40% Paved, Add	*125.14*	
33 42 11 00-1087		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)*		
33 42 11 00-1088	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	366.78	53.37
		For 1/2 Bituminous Coated And 40% Paved, Add	*92.26*	
33 42 11 00-1089	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	395.99	58.38
		For 1/2 Bituminous Coated And 40% Paved, Add	*98.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1090	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	422.82	62.55
		For 1/2 Bituminous Coated And 40% Paved, Add	*105.39*	
33 42 11 00-1091	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	449.75	66.72
		For 1/2 Bituminous Coated And 40% Paved, Add	*111.98*	
33 42 11 00-1092	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	476.69	70.89
		For 1/2 Bituminous Coated And 40% Paved, Add	*118.34*	
33 42 11 00-1093	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	507.27	75.06
		For 1/2 Bituminous Coated And 40% Paved, Add	*125.19*	
33 42 11 00-1094	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	539.29	83.40
		For 1/2 Bituminous Coated And 40% Paved, Add	*131.86*	
33 42 11 00-1095	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	574.72	91.74
		For 1/2 Bituminous Coated And 40% Paved, Add	*139.86*	
33 42 11 00-1096	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	607.85	100.08
		For 1/2 Bituminous Coated And 40% Paved, Add	*147.42*	

33 42 11 00-1097 Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-0325)*

33 42 11 00-1098 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1097)*

33 42 11 00-1099 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1098)*

33 42 11 00-1100	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	18.34	4.71
		For Bituminous Coated Pipe, Add	*1.71*	
33 42 11 00-1101	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	23.52	5.90
		For Bituminous Coated Pipe, Add	*2.32*	
33 42 11 00-1102	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	30.44	7.08
		For Bituminous Coated Pipe, Add	*3.06*	

33 42 11 00-1103 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1098)*

33 42 11 00-1104	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	20.30	4.71
		For Bituminous Coated Pipe, Add	*1.69*	
33 42 11 00-1105	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	26.30	5.90
		For Bituminous Coated Pipe, Add	*2.32*	
33 42 11 00-1106	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	34.14	7.08
		For Bituminous Coated Pipe, Add	*3.06*	

33 42 11 00-1107 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1097)*

33 42 11 00-1108 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1107)*

33 42 11 00-1109	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	35.33	8.25
		For Bituminous Coated Pipe, Add	*3.36*	
33 42 11 00-1110	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	40.58	8.64
		For Bituminous Coated Pipe, Add	*4.22*	
33 42 11 00-1111	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	46.14	9.44
		For Bituminous Coated Pipe, Add	*5.13*	
33 42 11 00-1112	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	52.96	10.22
		For Bituminous Coated Pipe, Add	*6.12*	
33 42 11 00-1113	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	59.10	11.01
		For Bituminous Coated Pipe, Add	*6.94*	

33 42 11 00-1114 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1107)*

33 42 11 00-1115	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	39.54	8.25
		For Bituminous Coated Pipe, Add	*3.29*	
33 42 11 00-1116	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	45.94	8.64
		For Bituminous Coated Pipe, Add	*4.14*	
33 42 11 00-1117	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	52.56	9.44
		For Bituminous Coated Pipe, Add	*5.02*	
33 42 11 00-1118	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	60.41	10.22
		For Bituminous Coated Pipe, Add	*5.96*	
33 42 11 00-1119	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	67.65	11.01
		For Bituminous Coated Pipe, Add	*6.77*	
33 42 11 00-1120	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	88.09	14.15
		For Bituminous Coated Pipe, Add	*8.68*	
33 42 11 00-1121	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	112.35	18.35
		For Bituminous Coated Pipe, Add	*10.79*	

33 42 11 00-1122 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1107)*

33 42 11 00-1123	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	83.99	11.01
		For Bituminous Coated Pipe, Add	*6.43*	
33 42 11 00-1124	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	108.43	14.15
		For Bituminous Coated Pipe, Add	*8.18*	
33 42 11 00-1125	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	136.78	18.35
		For Bituminous Coated Pipe, Add	*10.08*	
33 42 11 00-1126	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	157.55	21.69
		For Bituminous Coated Pipe, Add	*11.85*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1127	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	178.17	25.02
		For Bituminous Coated Pipe, Add	*13.42*	
33 42 11 00-1128	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	209.50	28.36
		For Bituminous Coated Pipe, Add	*15.92*	

33 42 11 00-1129 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1107)*

33 42 11 00-1130	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	162.81	18.35
		For Bituminous Coated Pipe, Add	*9.91*	
33 42 11 00-1131	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	187.88	21.69
		For Bituminous Coated Pipe, Add	*11.63*	
33 42 11 00-1132	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	212.93	25.02
		For Bituminous Coated Pipe, Add	*13.20*	
33 42 11 00-1133	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	248.61	28.36
		For Bituminous Coated Pipe, Add	*15.49*	
33 42 11 00-1134	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	273.27	30.02
		For Bituminous Coated Pipe, Add	*17.07*	

33 42 11 00-1135 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1097)*

33 42 11 00-1136 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1135)*

33 42 11 00-1137	LF	30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	86.76	14.15
33 42 11 00-1138	LF	36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	110.69	18.35
33 42 11 00-1139	LF	42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	126.58	21.69
33 42 11 00-1140	LF	48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	143.32	25.02
33 42 11 00-1141	LF	54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	169.13	28.36

33 42 11 00-1142 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1135)*

33 42 11 00-1143	LF	30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	97.47	14.15
33 42 11 00-1144	LF	36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	125.98	18.35
33 42 11 00-1145	LF	42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	144.32	21.69
33 42 11 00-1146	LF	48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	162.68	25.02
33 42 11 00-1147	LF	54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	191.81	28.36
33 42 11 00-1148	LF	60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	209.70	30.02
33 42 11 00-1149	LF	66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	255.01	36.70
33 42 11 00-1150	LF	72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	302.41	53.37
33 42 11 00-1151	LF	78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	326.17	58.38

33 42 11 00-1152 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1135)*

33 42 11 00-1153	LF	30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	122.48	14.15
33 42 11 00-1154	LF	36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	154.10	18.35
33 42 11 00-1155	LF	42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	177.93	21.69
33 42 11 00-1156	LF	48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	201.23	25.02
33 42 11 00-1157	LF	54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	235.08	28.36
33 42 11 00-1158	LF	60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	257.62	30.02
33 42 11 00-1159	LF	66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	307.56	36.70
33 42 11 00-1160	LF	72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	359.73	53.37
33 42 11 00-1161	LF	78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	388.17	58.38
33 42 11 00-1162	LF	84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	414.41	62.55
33 42 11 00-1163	LF	90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	440.57	66.72
33 42 11 00-1164	LF	96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	467.36	70.89

33 42 11 00-1165 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping *(33 42 11 00-1135)*

33 42 11 00-1166	LF	60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	308.01	30.02
33 42 11 00-1167	LF	66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	360.87	36.70
33 42 11 00-1168	LF	72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	417.82	53.37
33 42 11 00-1169	LF	78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	451.05	58.38
33 42 11 00-1170	LF	84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	482.01	62.55
33 42 11 00-1171	LF	90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	512.94	66.72
33 42 11 00-1172	LF	96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	544.48	70.89
33 42 11 00-1173	LF	102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	578.41	75.06
33 42 11 00-1174	LF	108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	614.20	83.40

33 42 11 00-1175 Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1097)*

Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.

33 42 11 00-1176 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1175)*

33 42 11 00-1177	LF	18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	60.56	9.44
33 42 11 00-1178	LF	21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	65.14	10.22
33 42 11 00-1179	LF	24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	78.27	11.01
33 42 11 00-1180	LF	27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	90.37	12.57
33 42 11 00-1181	LF	30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	101.43	14.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1182	LF	33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	112.95	15.72
33 42 11 00-1183		**14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-1175)*		
33 42 11 00-1184	LF	18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	69.62	9.44
33 42 11 00-1185	LF	21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	80.33	10.22
33 42 11 00-1186	LF	24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	90.46	11.01
33 42 11 00-1187	LF	27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	104.04	12.57
33 42 11 00-1188	LF	30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	116.60	14.15
33 42 11 00-1189	LF	33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	129.66	15.72
33 42 11 00-1190	LF	36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	146.78	18.35
33 42 11 00-1191	LF	42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	169.20	21.69
33 42 11 00-1192	LF	48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	191.43	25.02
33 42 11 00-1193		**12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-1175)*		
33 42 11 00-1194	LF	30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	146.26	14.15
33 42 11 00-1195	LF	33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	162.22	15.72
33 42 11 00-1196	LF	36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	182.35	18.35
33 42 11 00-1197	LF	42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	210.74	21.69
33 42 11 00-1198	LF	48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	238.90	25.02
33 42 11 00-1199	LF	54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	329.37	28.36
33 42 11 00-1200	LF	60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	362.43	30.02
33 42 11 00-1201		**10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-1175)*		
33 42 11 00-1202	LF	48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	335.62	25.02
33 42 11 00-1203	LF	54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	389.00	28.36
33 42 11 00-1204	LF	60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	428.76	30.02
33 42 11 00-1205	LF	66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	498.37	36.70
33 42 11 00-1206	LF	72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	566.75	53.37
33 42 11 00-1207	LF	78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	611.94	58.38
33 42 11 00-1208	LF	84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	654.50	62.55
33 42 11 00-1209		**Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-0325)*		
33 42 11 00-1210		**2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1209)*		
33 42 11 00-1211		**16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1210)*		
33 42 11 00-1212	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	42.49	8.64
		For Bituminous Coated Pipe, Add	*4.23*	
33 42 11 00-1213	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	47.95	9.44
		For Bituminous Coated Pipe, Add	*5.05*	
33 42 11 00-1214	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	55.03	10.22
		For Bituminous Coated Pipe, Add	*6.01*	
33 42 11 00-1215		**14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1210)*		
33 42 11 00-1216	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	47.86	8.64
		For Bituminous Coated Pipe, Add	*4.21*	
33 42 11 00-1217	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	53.11	9.44
		For Bituminous Coated Pipe, Add	*4.86*	
33 42 11 00-1218	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	62.47	10.22
		For Bituminous Coated Pipe, Add	*5.97*	
33 42 11 00-1219	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	70.45	11.01
		For Bituminous Coated Pipe, Add	*6.84*	
33 42 11 00-1220	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	90.88	14.15
		For Bituminous Coated Pipe, Add	*8.66*	
33 42 11 00-1221		**12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1210)*		
33 42 11 00-1222	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	86.80	11.01
		For Bituminous Coated Pipe, Add	*6.52*	
33 42 11 00-1223	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	111.26	14.15
		For Bituminous Coated Pipe, Add	*8.22*	
33 42 11 00-1224	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	141.58	18.35
		For Bituminous Coated Pipe, Add	*10.27*	
33 42 11 00-1225	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	163.87	21.69
		For Bituminous Coated Pipe, Add	*12.14*	
33 42 11 00-1226		**10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1210)*		
33 42 11 00-1227	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	167.58	18.35
		For Bituminous Coated Pipe, Add	*9.91*	
33 42 11 00-1228	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	194.25	21.69
		For Bituminous Coated Pipe, Add	*11.69*	
33 42 11 00-1229	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	225.72	25.02
		For Bituminous Coated Pipe, Add	*13.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1230	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	252.81	28.36
		For Bituminous Coated Pipe, Add	*15.24*	
33 42 11 00-1231		3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1209)*		
33 42 11 00-1232		14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1231)*		
33 42 11 00-1233	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	196.02	28.36
33 42 11 00-1234	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	214.59	30.02
33 42 11 00-1235	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	261.05	36.70
33 42 11 00-1236		12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1231)*		
33 42 11 00-1237	LF	60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	239.29	28.36
33 42 11 00-1238	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	262.50	30.02
33 42 11 00-1239	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	313.38	36.70
33 42 11 00-1240	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	365.99	53.37
33 42 11 00-1241	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	394.88	58.38
33 42 11 00-1242	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	421.57	62.55
33 42 11 00-1243		10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1231)*		
33 42 11 00-1244	LF	66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	312.83	30.02
33 42 11 00-1245	LF	73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	366.48	36.70
33 42 11 00-1246	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	423.86	53.37
33 42 11 00-1247	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	457.53	58.38
33 42 11 00-1248	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	488.93	62.55
33 42 11 00-1249	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	520.30	66.72
33 42 11 00-1250		Corrugated Steel Pipe Fittings *(33 42 11 00-0325)*		
		Note: Equivalent pipe-arch sizes are approximate.		
33 42 11 00-1251		Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings *(33 42 11 00-1250)*		
		Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1252	EA	Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	71.73	
33 42 11 00-1253	EA	Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	89.95	
33 42 11 00-1254	EA	Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	108.18	
33 42 11 00-1255	EA	Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	127.54	
33 42 11 00-1256	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	154.86	
33 42 11 00-1257	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	182.18	
33 42 11 00-1258	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	209.51	
33 42 11 00-1259	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	236.82	
33 42 11 00-1260	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	308.57	
33 42 11 00-1261	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	367.76	
33 42 11 00-1262	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	426.99	
33 42 11 00-1263	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	552.24	
33 42 11 00-1264	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	622.83	
33 42 11 00-1265	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	695.71	
33 42 11 00-1266	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	770.86	
33 42 11 00-1267	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	939.37	
33 42 11 00-1268	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,024.76	
33 42 11 00-1269	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,112.43	
33 42 11 00-1270	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,365.21	
33 42 11 00-1271	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,465.42	
33 42 11 00-1272	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,566.76	
33 42 11 00-1273	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,668.08	
33 42 11 00-1274	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,768.28	
33 42 11 00-1275	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,869.63	
33 42 11 00-1276	EA	Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,976.47	
33 42 11 00-1277	EA	Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,089.42	
33 42 11 00-1278	EA	Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,208.80	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1279		**Fabricate Corrugated Steel Pipe Tees Or Laterals** *(33 42 11 00-1250)* Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1280	EA	Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	93.37	
33 42 11 00-1281	EA	Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	119.56	
33 42 11 00-1282	EA	Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	145.73	
33 42 11 00-1283	EA	Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	171.94	
33 42 11 00-1284	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	209.51	
33 42 11 00-1285	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	248.20	
33 42 11 00-1286	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	286.95	
33 42 11 00-1287	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	325.63	
33 42 11 00-1288	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	426.99	
33 42 11 00-1289	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	508.96	
33 42 11 00-1290	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	592.08	
33 42 11 00-1291	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	768.56	
33 42 11 00-1292	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	865.36	
33 42 11 00-1293	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	965.54	
33 42 11 00-1294	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,068.02	
33 42 11 00-1295	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,302.57	
33 42 11 00-1296	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,418.74	
33 42 11 00-1297	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	1,537.14	
33 42 11 00-1298	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	1,891.24	
33 42 11 00-1299	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	2,026.74	
33 42 11 00-1300	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	2,162.24	
33 42 11 00-1301	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	2,298.86	
33 42 11 00-1302	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	2,435.51	
33 42 11 00-1303	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	2,570.99	
33 42 11 00-1304	EA	Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe)	2,714.02	
33 42 11 00-1305	EA	Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	2,865.00	
33 42 11 00-1306	EA	Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	3,024.36	
33 42 11 00-1307		**Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting** *(33 42 11 00-1250)* Note: Applied to pipe tasks.		
33 42 11 00-1308	EA	Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting	35.98	
33 42 11 00-1309	EA	Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting	45.26	
33 42 11 00-1310	EA	Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting	56.92	
33 42 11 00-1311	EA	Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting	69.70	
33 42 11 00-1312	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	88.20	
33 42 11 00-1313	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	108.01	
33 42 11 00-1314	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	126.51	
33 42 11 00-1315	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	146.99	
33 42 11 00-1316	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	180.54	
33 42 11 00-1317	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	215.25	
33 42 11 00-1318	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	256.83	
33 42 11 00-1319	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	315.93	
33 42 11 00-1320	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	357.60	
33 42 11 00-1321	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	402.71	
33 42 11 00-1322	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	488.37	
33 42 11 00-1323	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	541.59	
33 42 11 00-1324	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	660.79	
33 42 11 00-1325	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	719.83	
33 42 11 00-1326	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	782.35	
33 42 11 00-1327	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	843.64	
33 42 11 00-1328	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	906.14	
33 42 11 00-1329	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	969.78	
33 42 11 00-1330	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,032.30	
33 42 11 00-1331	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,094.77	
33 42 11 00-1332	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,161.03	
33 42 11 00-1333	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,231.29	
33 42 11 00-1334	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,305.82	
33 42 11 00-1335		**Coupling Bands, Corrugated Metal Pipe Fitting** *(33 42 11 00-1250)*		
33 42 11 00-1336	EA	6" Coupling Band, Corrugated Metal Pipe Fitting	9.79	
		For Bituminous Coated, Add	*2.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1337	EA	8" Coupling Band, Corrugated Metal Pipe Fitting	13.00	
		For Bituminous Coated, Add	*3.77*	
33 42 11 00-1338	EA	10" Coupling Band, Corrugated Metal Pipe Fitting	16.38	
		For Bituminous Coated, Add	*4.75*	
33 42 11 00-1339	EA	12" Coupling Band, Corrugated Metal Pipe Fitting	27.18	
		For Bituminous Coated, Add	*7.88*	
33 42 11 00-1340	EA	15" Coupling Band, Corrugated Metal Pipe Fitting	34.27	
		For Bituminous Coated, Add	*9.94*	
33 42 11 00-1341	EA	18" Coupling Band, Corrugated Metal Pipe Fitting	50.29	
		For Bituminous Coated, Add	*14.58*	
33 42 11 00-1342	EA	21" Coupling Band, Corrugated Metal Pipe Fitting	59.68	
		For Bituminous Coated, Add	*17.31*	
33 42 11 00-1343	EA	24" Coupling Band, Corrugated Metal Pipe Fitting	67.68	
		For Bituminous Coated, Add	*19.63*	
33 42 11 00-1344	EA	30" Coupling Band, Corrugated Metal Pipe Fitting	117.12	
		For Bituminous Coated, Add	*33.96*	
33 42 11 00-1345	EA	36" Coupling Band, Corrugated Metal Pipe Fitting	187.38	
		For Bituminous Coated, Add	*44.97*	
33 42 11 00-1346	EA	42" Coupling Band, Corrugated Metal Pipe Fitting	220.17	
		For Bituminous Coated, Add	*52.84*	
33 42 11 00-1347	EA	48" Coupling Band, Corrugated Metal Pipe Fitting	246.70	
		For Bituminous Coated, Add	*59.21*	
33 42 11 00-1348	EA	54" Coupling Band, Corrugated Metal Pipe Fitting	349.86	
		For Bituminous Coated, Add	*83.97*	
33 42 11 00-1349	EA	60" Coupling Band, Corrugated Metal Pipe Fitting	500.41	
		For Bituminous Coated, Add	*90.07*	
33 42 11 00-1350	EA	66" Coupling Band, Corrugated Metal Pipe Fitting	615.00	
		For Bituminous Coated, Add	*110.70*	
33 42 11 00-1351	EA	72" Coupling Band, Corrugated Metal Pipe Fitting	790.00	
		For Bituminous Coated, Add	*110.60*	
33 42 11 00-1352	EA	78" Coupling Band, Corrugated Metal Pipe Fitting	844.96	
		For Bituminous Coated, Add	*118.29*	
33 42 11 00-1353	EA	84" Coupling Band, Corrugated Metal Pipe Fitting	900.23	
		For Bituminous Coated, Add	*126.03*	
33 42 11 00-1354	EA	90" Coupling Band, Corrugated Metal Pipe Fitting	955.21	
		For Bituminous Coated, Add	*133.73*	
33 42 11 00-1355	EA	96" Coupling Band, Corrugated Metal Pipe Fitting	1,010.34	
		For Bituminous Coated, Add	*141.45*	
33 42 11 00-1356	EA	102" Coupling Band, Corrugated Metal Pipe Fitting	1,065.61	
		For Bituminous Coated, Add	*149.19*	
33 42 11 00-1357	EA	108" Coupling Band, Corrugated Metal Pipe Fitting	1,120.62	
		For Bituminous Coated, Add	*156.89*	
33 42 11 00-1358	EA	114" Coupling Band, Corrugated Metal Pipe Fitting	1,327.25	
		For Bituminous Coated, Add	*159.27*	
33 42 11 00-1359	EA	120" Coupling Band, Corrugated Metal Pipe Fitting	1,230.56	
		For Bituminous Coated, Add	*147.67*	
33 42 11 00-1360	EA	126" Coupling Band, Corrugated Metal Pipe Fitting	1,285.41	
		For Bituminous Coated, Add	*154.25*	
33 42 11 00-1361	EA	132" Coupling Band, Corrugated Metal Pipe Fitting	1,340.65	
		For Bituminous Coated, Add	*160.88*	
33 42 11 00-1362	EA	138" Coupling Band, Corrugated Metal Pipe Fitting	1,395.94	
		For Bituminous Coated, Add	*167.51*	

33 42 11 00-1363 Vitrified Clay Piping *(33 42 11)*

33 42 11 00-1364 Extra Strength Vitrified Clay Piping *(33 42 11 00-1363)*

33 42 11 00-1365 Plain Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-1364)*

Note: ASTM C700.

33 42 11 00-1366	LF	4" Plain Joint, Extra Strength, Vitrified Clay Pipe	18.57	
		For 3' Lengths, Add	*1.95*	
		For 2' Lengths, Add	*2.60*	
		For Standard Strength, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.93*	
33 42 11 00-1367	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe	30.66	
		For 3' Lengths, Add	*3.02*	
		For 2' Lengths, Add	*4.03*	
		For Standard Strength, Deduct	*-1.01*	
		For >1,000, Deduct	*-1.53*	
33 42 11 00-1368	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe	37.27	
		For 3' Lengths, Add	*4.32*	
		For 2' Lengths, Add	*5.76*	
		For Standard Strength, Deduct	*-1.44*	
		For >1,000, Deduct	*-1.86*	
33 42 11 00-1369	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe	46.00	
		For 3' Lengths, Add	*6.62*	
		For 2' Lengths, Add	*8.82*	
		For Standard Strength, Deduct	*-2.21*	
		For >1,000, Deduct	*-2.30*	
33 42 11 00-1370	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe	57.26	
		For 3' Lengths, Add	*9.34*	
		For 2' Lengths, Add	*12.46*	
		For Standard Strength, Deduct	*-3.11*	
		For >1,000, Deduct	*-2.86*	
33 42 11 00-1371	LF	15" Plain Joint, Extra Strength, Vitrified Clay Pipe	87.45	
		For 3' Lengths, Add	*17.52*	
		For 2' Lengths, Add	*23.36*	
		For Standard Strength, Deduct	*-5.84*	
		For >1,000, Deduct	*-4.37*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1372	LF	18" Plain Joint, Extra Strength, Vitrified Clay Pipe		119.94	
		For 3' Lengths, Add		*25.11*	
		For 2' Lengths, Add		*33.48*	
		For Standard Strength, Deduct		*-8.37*	
		For >1,000, Deduct		*-6.00*	
33 42 11 00-1373	LF	21" Plain Joint, Extra Strength, Vitrified Clay Pipe		179.79	
		For 3' Lengths, Add		*40.23*	
		For 2' Lengths, Add		*53.64*	
		For Standard Strength, Deduct		*-13.41*	
		For >1,000, Deduct		*-8.99*	
33 42 11 00-1374	LF	24" Plain Joint, Extra Strength, Vitrified Clay Pipe		230.67	
		For 3' Lengths, Add		*52.55*	
		For 2' Lengths, Add		*70.07*	
		For Standard Strength, Deduct		*-17.52*	
		For >1,000, Deduct		*-11.53*	
33 42 11 00-1375	LF	30" Plain Joint, Extra Strength, Vitrified Clay Pipe		285.83	
		For 3' Lengths, Add		*65.53*	
		For 2' Lengths, Add		*87.38*	
		For Standard Strength, Deduct		*-21.84*	
		For >1,000, Deduct		*-14.29*	
33 42 11 00-1376	LF	36" Plain Joint, Extra Strength, Vitrified Clay Pipe		345.68	
		For 3' Lengths, Add		*79.16*	
		For 2' Lengths, Add		*105.54*	
		For Standard Strength, Deduct		*-26.39*	
		For >1,000, Deduct		*-17.28*	

33 42 11 00-1377 Compression Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-1364)*
Note: ASTM C425.

33 42 11 00-1378	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe		25.96	
		For 3' Lengths, Add		*2.30*	
		For 2' Lengths, Add		*3.06*	
		For Standard Strength, Deduct		*-0.77*	
		For >1,000, Deduct		*-1.30*	
33 42 11 00-1379	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe		33.08	
		For 3' Lengths, Add		*3.75*	
		For 2' Lengths, Add		*5.00*	
		For Standard Strength, Deduct		*-1.25*	
		For >1,000, Deduct		*-1.65*	
33 42 11 00-1380	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe		40.52	
		For 3' Lengths, Add		*5.30*	
		For 2' Lengths, Add		*7.06*	
		For Standard Strength, Deduct		*-1.77*	
		For >1,000, Deduct		*-2.03*	
33 42 11 00-1381	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe		52.92	
		For 3' Lengths, Add		*8.69*	
		For 2' Lengths, Add		*11.59*	
		For Standard Strength, Deduct		*-2.90*	
		For >1,000, Deduct		*-2.65*	
33 42 11 00-1382	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe		64.18	
		For 3' Lengths, Add		*11.42*	
		For 2' Lengths, Add		*15.22*	
		For Standard Strength, Deduct		*-3.81*	
		For >1,000, Deduct		*-3.21*	
33 42 11 00-1383	LF	15" Compression Joint, Extra Strength, Vitrified Clay Pipe		98.48	
		For 3' Lengths, Add		*20.83*	
		For 2' Lengths, Add		*27.77*	
		For Standard Strength, Deduct		*-6.94*	
		For >1,000, Deduct		*-4.92*	
33 42 11 00-1384	LF	18" Compression Joint, Extra Strength, Vitrified Clay Pipe		137.89	
		For 3' Lengths, Add		*30.50*	
		For 2' Lengths, Add		*40.66*	
		For Standard Strength, Deduct		*-10.17*	
		For >1,000, Deduct		*-6.89*	
33 42 11 00-1385	LF	21" Compression Joint, Extra Strength, Vitrified Clay Pipe		200.34	
		For 3' Lengths, Add		*46.39*	
		For 2' Lengths, Add		*61.86*	
		For Standard Strength, Deduct		*-15.46*	
		For >1,000, Deduct		*-10.02*	
33 42 11 00-1386	LF	24" Compression Joint, Extra Strength, Vitrified Clay Pipe		263.11	
		For 3' Lengths, Add		*62.29*	
		For 2' Lengths, Add		*83.05*	
		For Standard Strength, Deduct		*-20.76*	
		For >1,000, Deduct		*-13.16*	
33 42 11 00-1387	LF	30" Compression Joint, Extra Strength, Vitrified Clay Pipe		428.57	
		For 3' Lengths, Add		*108.35*	
		For 2' Lengths, Add		*144.47*	
		For Standard Strength, Deduct		*-36.12*	
		For >1,000, Deduct		*-21.43*	
33 42 11 00-1388	LF	36" Compression Joint, Extra Strength, Vitrified Clay Pipe		613.86	
		For 3' Lengths, Add		*159.61*	
		For 2' Lengths, Add		*212.81*	
		For Standard Strength, Deduct		*-53.20*	
		For >1,000, Deduct		*-30.69*	

33 42 11 00-1389 Extra Strength, Vitrified Clay Pipe Fittings *(33 42 11 00-1363)*

33 42 11 00-1390 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-1389)*

33 42 11 00-1391 Plain End 1/8 Bend, Extra Strength, Vitrified Clay *(33 42 11 00-1390)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1392	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	82.54	
33 42 11 00-1393	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	113.26	
33 42 11 00-1394	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	165.71	
33 42 11 00-1395	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	232.97	
33 42 11 00-1396	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	311.42	
33 42 11 00-1397	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	770.44	
33 42 11 00-1398	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,090.48	
33 42 11 00-1399	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,710.10	
33 42 11 00-1400	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,971.51	
33 42 11 00-1401	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	2,285.57	
33 42 11 00-1402	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	3,450.35	
33 42 11 00-1403		Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-1390)*		
33 42 11 00-1404	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	92.46	
33 42 11 00-1405	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	134.68	
33 42 11 00-1406	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	185.72	
33 42 11 00-1407	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	254.42	
33 42 11 00-1408	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	326.11	
33 42 11 00-1409	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	862.47	
33 42 11 00-1410	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,260.52	
33 42 11 00-1411	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,287.79	
33 42 11 00-1412	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,528.34	
33 42 11 00-1413	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,808.69	
33 42 11 00-1414	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	4,195.85	
33 42 11 00-1415		1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-1389)*		
33 42 11 00-1416		Plain End 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-1415)*		
33 42 11 00-1417	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	94.63	
33 42 11 00-1418	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	127.80	
33 42 11 00-1419	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	182.73	
33 42 11 00-1420	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	251.51	
33 42 11 00-1421	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	332.31	
33 42 11 00-1422	EA	15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	793.69	
33 42 11 00-1423	EA	18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,119.46	
33 42 11 00-1424	EA	21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,746.67	
33 42 11 00-1425	EA	24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,015.90	
33 42 11 00-1426	EA	30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,340.94	
33 42 11 00-1427	EA	36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	3,511.91	
33 42 11 00-1428		Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-1415)*		
33 42 11 00-1429	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	106.96	
33 42 11 00-1430	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	152.13	
33 42 11 00-1431	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	206.14	
33 42 11 00-1432	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	276.67	
33 42 11 00-1433	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	351.19	
33 42 11 00-1434	EA	15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	890.37	
33 42 11 00-1435	EA	18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,295.30	
33 42 11 00-1436	EA	21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,544.02	
33 42 11 00-1437	EA	24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,581.62	
33 42 11 00-1438	EA	30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,875.13	
33 42 11 00-1439	EA	36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	4,269.70	
33 42 11 00-1440		Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-1389)*		
33 42 11 00-1441		Plain End Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-1440)*		
33 42 11 00-1442	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	101.55	
33 42 11 00-1443	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	134.59	
33 42 11 00-1444	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	187.47	
33 42 11 00-1445	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	254.79	
33 42 11 00-1446	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	326.26	
33 42 11 00-1447	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	794.40	
33 42 11 00-1448	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,117.44	
33 42 11 00-1449	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,623.18	
33 42 11 00-1450	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,269.34	
33 42 11 00-1451	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,388.16	
33 42 11 00-1452	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	3,464.08	
33 42 11 00-1453		Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-1440)*		
33 42 11 00-1454	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	124.51	
33 42 11 00-1455	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	174.74	
33 42 11 00-1456	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	234.34	
33 42 11 00-1457	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	310.65	
33 42 11 00-1458	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	391.93	
33 42 11 00-1459	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	966.94	
33 42 11 00-1460	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,402.35	
33 42 11 00-1461	EA	21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,094.59	
33 42 11 00-1462	EA	24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,782.92	
33 42 11 00-1463	EA	30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	3,211.29	
33 42 11 00-1464	EA	36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee	4,591.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 13 Stormwater Culverts *(33 42)*

33 42 13 13 Precast Concrete Stormwater Culverts *(33 42 13)*

33 42 13 13-0001 **Precast Reinforced Concrete Box Culvert** *(33 42 13 13)*

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0793 for crane lifting equipment.

33 42 13 13-0002	LF	3' x 3' Precast Reinforced Concrete Box Culvert	492.69	41.70
		For Each LF Of Cut-Off Section, Add	*19.71*	
33 42 13 13-0003	LF	4' x 2' Precast Reinforced Concrete Box Culvert	561.51	41.70
		For Each LF Of Cut-Off Section, Add	*22.46*	
33 42 13 13-0004	LF	4' x 3' Precast Reinforced Concrete Box Culvert	672.67	41.70
		For Each LF Of Cut-Off Section, Add	*26.91*	
33 42 13 13-0005	LF	5' x 3' Precast Reinforced Concrete Box Culvert	805.10	52.13
		For Each LF Of Cut-Off Section, Add	*32.20*	
33 42 13 13-0006	LF	5' x 4' Precast Reinforced Concrete Box Culvert	826.28	52.13
		For Each LF Of Cut-Off Section, Add	*33.05*	
33 42 13 13-0007	LF	5' x 5' Precast Reinforced Concrete Box Culvert	836.86	52.13
		For Each LF Of Cut-Off Section, Add	*33.47*	
33 42 13 13-0008	LF	6' x 3' Precast Reinforced Concrete Box Culvert	862.30	54.21
		For Each LF Of Cut-Off Section, Add	*34.49*	
33 42 13 13-0009	LF	6' x 4' Precast Reinforced Concrete Box Culvert	867.59	54.21
		For Each LF Of Cut-Off Section, Add	*34.70*	
33 42 13 13-0010	LF	6' x 6' Precast Reinforced Concrete Box Culvert	962.87	54.21
		For Each LF Of Cut-Off Section, Add	*38.51*	
33 42 13 13-0011	LF	7' x 4' Precast Reinforced Concrete Box Culvert	979.88	62.55
		For Each LF Of Cut-Off Section, Add	*39.20*	
33 42 13 13-0012	LF	7' x 6' Precast Reinforced Concrete Box Culvert	1,025.83	85.07
		For Each LF Of Cut-Off Section, Add	*41.03*	
33 42 13 13-0013	LF	8' x 2' Precast Reinforced Concrete Box Culvert	968.17	54.21
		For Each LF Of Cut-Off Section, Add	*38.73*	
33 42 13 13-0014	LF	8' x 3' Precast Reinforced Concrete Box Culvert	985.18	62.55
		For Each LF Of Cut-Off Section, Add	*39.41*	
33 42 13 13-0015	LF	8' x 4' Precast Reinforced Concrete Box Culvert	1,001.06	62.55
		For Each LF Of Cut-Off Section, Add	*40.04*	
33 42 13 13-0016	LF	8' x 5' Precast Reinforced Concrete Box Culvert	1,198.18	83.40
		For Each LF Of Cut-Off Section, Add	*47.93*	
33 42 13 13-0017	LF	8' x 6' Precast Reinforced Concrete Box Culvert	1,202.41	83.40
		For Each LF Of Cut-Off Section, Add	*48.10*	
33 42 13 13-0018	LF	8' x 8' Precast Reinforced Concrete Box Culvert	1,315.89	104.25
		For Each LF Of Cut-Off Section, Add	*52.64*	
33 42 13 13-0019	LF	9' x 4' Precast Reinforced Concrete Box Culvert	1,334.75	83.40
		For Each LF Of Cut-Off Section, Add	*53.39*	
33 42 13 13-0020	LF	9' x 6' Precast Reinforced Concrete Box Culvert	1,393.17	104.25
		For Each LF Of Cut-Off Section, Add	*55.73*	
33 42 13 13-0021	LF	10' x 3' Precast Reinforced Concrete Box Culvert	1,398.46	104.25
		For Each LF Of Cut-Off Section, Add	*55.94*	
33 42 13 13-0022	LF	10' x 4' Precast Reinforced Concrete Box Culvert	1,726.66	104.25
		For Each LF Of Cut-Off Section, Add	*69.07*	
33 42 13 13-0023	LF	10' x 5' Precast Reinforced Concrete Box Culvert	1,790.38	125.10
		For Each LF Of Cut-Off Section, Add	*71.62*	
33 42 13 13-0024	LF	10' x 6' Precast Reinforced Concrete Box Culvert	1,811.55	125.10
		For Each LF Of Cut-Off Section, Add	*72.46*	
33 42 13 13-0025	LF	10' x 7' Precast Reinforced Concrete Box Culvert	1,816.84	125.10
		For Each LF Of Cut-Off Section, Add	*72.67*	
33 42 13 13-0026	LF	10' x 8' Precast Reinforced Concrete Box Culvert	1,824.25	125.10
		For Each LF Of Cut-Off Section, Add	*72.97*	
33 42 13 13-0027	LF	12' x 3' Precast Reinforced Concrete Box Culvert	1,875.27	145.95
		For Each LF Of Cut-Off Section, Add	*75.01*	
33 42 13 13-0028	LF	12' x 4' Precast Reinforced Concrete Box Culvert	1,875.27	145.95
		For Each LF Of Cut-Off Section, Add	*75.01*	
33 42 13 13-0029	LF	12' x 6' Precast Reinforced Concrete Box Culvert	1,875.27	145.95
		For Each LF Of Cut-Off Section, Add	*75.01*	
33 42 13 13-0030	LF	12' x 8' Precast Reinforced Concrete Box Culvert	1,875.27	145.95
		For Each LF Of Cut-Off Section, Add	*75.01*	
33 42 13 13-0031	LF	16' x 10' Precast Reinforced Concrete Box Culvert	2,785.95	166.80
		For Each LF Of Cut-Off Section, Add	*111.44*	
33 42 13 13-0032	LF	24' x 10' Precast Reinforced Concrete Box Culvert	3,950.52	166.80
		For Each LF Of Cut-Off Section, Add	*158.02*	

33 42 13 13-0033 **Precast Reinforced Concrete Box Culvert For Roadways** *(33 42 13 13)*

Note: AASHTO HL-93 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0793 for crane lifting equipment.

33 42 13 13-0034	LF	3' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,303.12	41.70
		For Each LF Of Cut-Off Section, Add	*52.12*	
33 42 13 13-0035	LF	4' x 2' Precast Reinforced Concrete Box Culvert For Roadways	1,404.81	41.70
		For Each LF Of Cut-Off Section, Add	*56.19*	
33 42 13 13-0036	LF	4' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,584.78	41.70
		For Each LF Of Cut-Off Section, Add	*63.39*	
33 42 13 13-0037	LF	5' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,785.98	52.13
		For Each LF Of Cut-Off Section, Add	*71.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13 13-0038	LF	5' x 4' Precast Reinforced Concrete Box Culvert For Roadways	1,965.95	52.13
		For Each LF Of Cut-Off Section, Add	*78.64*	
33 42 13 13-0039	LF	5' x 5' Precast Reinforced Concrete Box Culvert For Roadways	2,145.91	52.13
		For Each LF Of Cut-Off Section, Add	*85.84*	
33 42 13 13-0040	LF	6' x 3' Precast Reinforced Concrete Box Culvert For Roadways	1,970.21	54.21
		For Each LF Of Cut-Off Section, Add	*78.81*	
33 42 13 13-0041	LF	6' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,150.17	54.21
		For Each LF Of Cut-Off Section, Add	*86.01*	
33 42 13 13-0042	LF	6' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,510.11	54.21
		For Each LF Of Cut-Off Section, Add	*100.40*	
33 42 13 13-0043	LF	7' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,347.15	62.55
		For Each LF Of Cut-Off Section, Add	*93.89*	
33 42 13 13-0044	LF	7' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,753.00	85.07
		For Each LF Of Cut-Off Section, Add	*110.12*	
33 42 13 13-0045	LF	8' x 2' Precast Reinforced Concrete Box Culvert For Roadways	2,150.17	54.21
		For Each LF Of Cut-Off Section, Add	*86.01*	
33 42 13 13-0046	LF	8' x 3' Precast Reinforced Concrete Box Culvert For Roadways	2,347.15	62.55
		For Each LF Of Cut-Off Section, Add	*93.89*	
33 42 13 13-0047	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,527.12	62.55
		For Each LF Of Cut-Off Section, Add	*101.08*	
33 42 13 13-0048	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,749.60	83.40
		For Each LF Of Cut-Off Section, Add	*109.98*	
33 42 13 13-0049	LF	8' x 6' Precast Reinforced Concrete Box Culvert For Roadways	2,929.57	83.40
		For Each LF Of Cut-Off Section, Add	*117.18*	
33 42 13 13-0050	LF	8' x 8' Precast Reinforced Concrete Box Culvert For Roadways	3,332.04	104.25
		For Each LF Of Cut-Off Section, Add	*133.28*	
33 42 13 13-0051	LF	9' x 4' Precast Reinforced Concrete Box Culvert For Roadways	2,959.02	83.40
		For Each LF Of Cut-Off Section, Add	*118.36*	
33 42 13 13-0052	LF	9' x 6' Precast Reinforced Concrete Box Culvert For Roadways	3,386.20	104.25
		For Each LF Of Cut-Off Section, Add	*135.45*	
33 42 13 13-0053	LF	10' x 3' Precast Reinforced Concrete Box Culvert For Roadways	3,347.04	104.25
		For Each LF Of Cut-Off Section, Add	*133.88*	
33 42 13 13-0054	LF	10' x 4' Precast Reinforced Concrete Box Culvert For Roadways	3,560.74	104.25
		For Each LF Of Cut-Off Section, Add	*142.43*	
33 42 13 13-0055	LF	10' x 5' Precast Reinforced Concrete Box Culvert For Roadways	3,816.97	125.10
		For Each LF Of Cut-Off Section, Add	*152.68*	
33 42 13 13-0056	LF	10' x 6' Precast Reinforced Concrete Box Culvert For Roadways	4,030.67	125.10
		For Each LF Of Cut-Off Section, Add	*161.23*	
33 42 13 13-0057	LF	10' x 7' Precast Reinforced Concrete Box Culvert For Roadways	4,244.40	125.10
		For Each LF Of Cut-Off Section, Add	*169.78*	
33 42 13 13-0058	LF	10' x 8' Precast Reinforced Concrete Box Culvert For Roadways	4,458.10	125.10
		For Each LF Of Cut-Off Section, Add	*178.32*	
33 42 13 13-0059	LF	12' x 3' Precast Reinforced Concrete Box Culvert For Roadways	4,427.93	145.95
		For Each LF Of Cut-Off Section, Add	*177.12*	
33 42 13 13-0060	LF	12' x 4' Precast Reinforced Concrete Box Culvert For Roadways	4,670.83	145.95
		For Each LF Of Cut-Off Section, Add	*186.83*	
33 42 13 13-0061	LF	12' x 6' Precast Reinforced Concrete Box Culvert For Roadways	5,156.73	145.95
		For Each LF Of Cut-Off Section, Add	*206.27*	
33 42 13 13-0062	LF	12' x 8' Precast Reinforced Concrete Box Culvert For Roadways	5,642.64	145.95
		For Each LF Of Cut-Off Section, Add	*225.71*	
33 42 13 13-0063	LF	16' x 10' Precast Reinforced Concrete Box Culvert For Roadways	6,764.94	166.80
		For Each LF Of Cut-Off Section, Add	*270.60*	
33 42 13 13-0064	LF	24' x 10' Precast Reinforced Concrete Box Culvert For Roadways	8,600.54	166.80
		For Each LF Of Cut-Off Section, Add	*344.02*	

33 42 23 Headwalls and Endwalls for Stormwater Piping *(33 42)*

33 42 23 00-0001 Headwalls *(33 42 23)*

Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

33 42 23 00-0002 Cast In Place Concrete Headwalls *(33 42 23 00-0001)*

Note: Includes concrete, forms, rebar (where required), finish and curing.

33 42 23 00-0003 Skewed Wingwall, Cast In Place Concrete Headwall *(33 42 23 00-0002)*

Note: Sized by pipe diameter.

33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,118.51	552.27
33 42 23 00-0005	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,412.97	589.09
33 42 23 00-0006	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,837.94	771.62
33 42 23 00-0007	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,841.71	1,104.54
33 42 23 00-0008	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	3,934.94	1,472.72
33 42 23 00-0009	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	4,935.93	1,941.21
33 42 23 00-0010	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	6,866.91	2,677.65
33 42 23 00-0011	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	8,157.94	3,155.79
33 42 23 00-0012	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	9,822.91	3,841.92
33 42 23 00-0013	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	11,810.95	4,650.69

33 42 23 00-0014 Precast Concrete Headwalls *(33 42 23 00-0001)*

33 42 23 00-0015	EA	12" Pipe, Precast Concrete Headwall	553.12	141.51
33 42 23 00-0016	EA	15" Pipe, Precast Concrete Headwall	576.71	149.38
33 42 23 00-0017	EA	18" Pipe, Precast Concrete Headwall	636.64	169.82
33 42 23 00-0018	EA	24" Pipe, Precast Concrete Headwall	700.50	180.82
33 42 23 00-0019	EA	30" Pipe, Precast Concrete Headwall	913.65	212.28
33 42 23 00-0020	EA	36" Pipe, Precast Concrete Headwall	1,033.51	220.14
33 42 23 00-0021	EA	42" Pipe, Precast Concrete Headwall	1,336.01	257.37
33 42 23 00-0022	EA	48" Pipe, Precast Concrete Headwall	1,468.53	283.55
33 42 23 00-0023	EA	54" Pipe, Precast Concrete Headwall	1,615.28	300.24
33 42 23 00-0024	EA	60" Pipe, Precast Concrete Headwall	1,822.92	300.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 23 00-0025	EA	72" Pipe, Precast Concrete Headwall	2,171.48	375.30
33 42 23 00-0026	EA	84" Pipe, Precast Concrete Headwall	3,023.71	450.36
33 42 23 00-0027		Precast Concrete Wingwalls *(33 42 23 00-0001)*		
33 42 23 00-0028	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	3,540.33	1,486.17
33 42 23 00-0029	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	3,790.54	1,651.31
33 42 23 00-0030	EA	30" ID Pipe (42" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	4,207.53	1,926.52
33 42 23 00-0031	EA	33" ID Pipe (46" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	4,624.53	2,201.74
33 42 23 00-0032	EA	36" ID Pipe (50" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	4,624.53	2,201.74
33 42 23 00-0033	EA	44" ID Pipe (58" Hole) Precast Concrete Wingwall Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	4,791.33	2,311.82
33 42 23 00-0034	EA	48" ID Pipe (62" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	7,425.05	2,366.87
33 42 23 00-0035	EA	52" ID Pipe (66" Hole) Precast Concrete Wingwall Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	7,675.25	2,532.00
33 42 23 00-0036		Precast Concrete Transverse Drainage Interceptor *(33 42 23 00-0001)*		
33 42 23 00-0037	EA	34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate	2,940.65	583.79

33 42 26 End Sections for Stormwater Piping *(33 42)*

33 42 26 16 Corrugated Metal End Sections for Stormwater Piping *(33 42 26)*

33 42 26 16-0001 Corrugated Metal Pipe End Sections *(33 42 26 16)*

33 42 26 16-0002 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0001)*

33 42 26 16-0003 Type 1 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*
Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.

33 42 26 16-0004	EA	12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	209.29	55.03
33 42 26 16-0005	EA	15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	242.03	58.96
33 42 26 16-0006	EA	18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	281.52	62.90
33 42 26 16-0007	EA	21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	339.63	68.80
33 42 26 16-0008	EA	24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	375.96	74.69

33 42 26 16-0009 Type 2 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*
Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.

33 42 26 16-0010	EA	30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	599.85	84.52
33 42 26 16-0011	EA	36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	776.81	100.08
33 42 26 16-0012	EA	42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,185.07	116.76
33 42 26 16-0013	EA	48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,446.14	133.43
33 42 26 16-0014	EA	54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,724.05	166.80
33 42 26 16-0015	EA	60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,014.32	200.16

33 42 26 16-0016 Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*
Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.

33 42 26 16-0017	EA	12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	218.16	55.03
33 42 26 16-0018	EA	15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	251.14	58.96
33 42 26 16-0019	EA	18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	295.53	62.90
33 42 26 16-0020	EA	21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	356.45	68.80
33 42 26 16-0021	EA	24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	395.04	74.69
33 42 26 16-0022	EA	30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	658.44	84.52
33 42 26 16-0023	EA	36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	848.58	100.08
33 42 26 16-0024	EA	42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,343.92	116.76
33 42 26 16-0025	EA	48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,651.14	133.43
33 42 26 16-0026	EA	54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,931.36	166.80
33 42 26 16-0027	EA	60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,670.91	200.16
33 42 26 16-0028	EA	66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,044.11	300.24
33 42 26 16-0029	EA	72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,570.83	400.31
33 42 26 16-0030	EA	78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,888.46	429.51
33 42 26 16-0031	EA	84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	4,213.66	458.70

33 42 26 16-0032 Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section *(33 42 26 16-0002)*

33 42 26 16-0033	EA	Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section	26.90
33 42 26 16-0034	EA	Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section	29.92
33 42 26 16-0035	EA	Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section	33.61
33 42 26 16-0036	EA	Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section	36.53
33 42 26 16-0037	EA	Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section	40.87
33 42 26 16-0038	EA	Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section	70.96
33 42 26 16-0039	EA	Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section	76.35
33 42 26 16-0040	EA	Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section	104.17
33 42 26 16-0041	EA	Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section	111.61
33 42 26 16-0042	EA	Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section	136.15
33 42 26 16-0043	EA	Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section	139.61
33 42 26 16-0044	EA	Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section	149.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0045	EA	Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section	170.92	
33 42 26 16-0046	EA	Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section	191.09	
33 42 26 16-0047	EA	84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension	196.00	
33 42 26 16-0048		Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0001)*		
33 42 26 16-0049		Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*		
		Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0050	EA	17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	242.03	58.96
33 42 26 16-0051	EA	21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	281.52	62.90
33 42 26 16-0052	EA	24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	339.63	68.80
33 42 26 16-0053	EA	28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	375.96	74.69
33 42 26 16-0054		Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*		
		Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0055	EA	17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	234.37	58.96
33 42 26 16-0056	EA	21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	267.36	62.90
33 42 26 16-0057	EA	24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	299.10	68.80
33 42 26 16-0058	EA	28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	337.27	74.69
33 42 26 16-0059	EA	35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	489.54	84.52
33 42 26 16-0060	EA	42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	709.55	100.08
33 42 26 16-0061	EA	49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,097.87	116.76
33 42 26 16-0062	EA	57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,388.03	133.43
33 42 26 16-0063		Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*		
		Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26 16-0064	EA	17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	238.26	58.96
33 42 26 16-0065	EA	21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	275.80	62.90
33 42 26 16-0066	EA	24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	312.30	68.80
33 42 26 16-0067	EA	28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	352.92	74.69
33 42 26 16-0068	EA	35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	516.14	84.52
33 42 26 16-0069	EA	42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	745.82	100.08
33 42 26 16-0070	EA	49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,155.89	116.76
33 42 26 16-0071	EA	57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,454.81	133.43
33 42 26 16-0072	EA	64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,751.49	166.80
33 42 26 16-0073	EA	71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,299.20	200.16
33 42 26 16-0074	EA	77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,212.60	300.24
33 42 26 16-0075	EA	83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,568.59	400.31
33 42 26 16-0076		Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0048)*		
33 42 26 16-0077	EA	Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	29.92	
33 42 26 16-0078	EA	Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	33.61	
33 42 26 16-0079	EA	Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	36.53	
33 42 26 16-0080	EA	Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	40.87	
33 42 26 16-0081	EA	Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	70.96	
33 42 26 16-0082	EA	Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	76.35	
33 42 26 16-0083	EA	Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	104.17	
33 42 26 16-0084	EA	Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	116.00	
33 42 26 16-0085	EA	Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	136.15	
33 42 26 16-0086	EA	Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	141.35	
33 42 26 16-0087	EA	Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	163.61	
33 42 26 16-0088	EA	Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	186.59	
33 42 26 16-0089		Corrugated Aluminum Pipe End Sections *(33 42 26 16-0001)*		
33 42 26 16-0090		Corrugated Aluminum Pipe End Sections *(33 42 26 16-0089)*		
33 42 26 16-0091	EA	12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	312.32	55.03
33 42 26 16-0092	EA	15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	359.34	58.96
33 42 26 16-0093	EA	18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	425.08	62.90
33 42 26 16-0094	EA	21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	525.74	68.80
33 42 26 16-0095	EA	24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	684.64	74.69
33 42 26 16-0096	EA	30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,022.99	84.52
33 42 26 16-0097	EA	36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,388.14	100.08
33 42 26 16-0098	EA	36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	1,725.23	100.08
33 42 26 16-0099	EA	42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,199.22	116.76
33 42 26 16-0100	EA	48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,135.20	133.43
33 42 26 16-0101	EA	54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,474.94	166.80
33 42 26 16-0102	EA	60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	4,680.88	200.16
33 42 26 16-0103	EA	66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	5,310.10	300.24
33 42 26 16-0104	EA	72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,216.34	400.31
33 42 26 16-0105	EA	78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,788.43	429.51
33 42 26 16-0106	EA	84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	7,163.66	458.70
33 42 26 16-0107	EA	90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,786.28	500.40
33 42 26 16-0108	EA	96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	10,832.47	542.09
33 42 26 16-0109		Toe Plate Extensions For Corrugated Aluminum Pipe End Section *(33 42 26 16-0089)*		
33 42 26 16-0110	EA	Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	48.88	
33 42 26 16-0111	EA	Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	51.81	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0112	EA	Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	56.17	
33 42 26 16-0113	EA	Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	63.20	
33 42 26 16-0114	EA	Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	67.07	
33 42 26 16-0115	EA	Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	86.91	
33 42 26 16-0116	EA	Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	103.92	
33 42 26 16-0117	EA	Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	109.55	
33 42 26 16-0118	EA	Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	120.15	
33 42 26 16-0119	EA	Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	135.80	
33 42 26 16-0120	EA	Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	160.50	
33 42 26 16-0121	EA	Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	223.62	
33 42 26 16-0122	EA	Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	241.32	
33 42 26 16-0123	EA	Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	306.73	
33 42 26 16-0124	EA	Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	332.05	
33 42 26 16-0125	EA	Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	353.85	
33 42 26 16-0126	EA	Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	376.73	
33 42 26 16-0127	EA	Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	399.93	
33 42 26 16-0128		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0001)*		
33 42 26 16-0129		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0128)*		
33 42 26 16-0130	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	370.24	58.96
33 42 26 16-0131	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	451.64	62.90
33 42 26 16-0132	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	490.52	68.80
33 42 26 16-0133	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	529.37	74.69
33 42 26 16-0134	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	790.09	84.52
33 42 26 16-0135	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,403.64	100.08
33 42 26 16-0136	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,489.10	100.08
33 42 26 16-0137	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,988.43	116.76
33 42 26 16-0138	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,053.11	133.43
33 42 26 16-0139	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,497.22	166.80
33 42 26 16-0140	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	4,228.27	200.16
33 42 26 16-0141	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,079.28	300.24
33 42 26 16-0142	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,439.89	400.31
33 42 26 16-0143	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,100.02	429.51
33 42 26 16-0144	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,455.56	458.70
33 42 26 16-0145	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	9,216.66	500.40
33 42 26 16-0146	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	9,765.30	542.09
33 42 26 16-0147		Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section *(33 42 26 16-0128)*		
33 42 26 16-0148	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	51.81	
33 42 26 16-0149	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	56.17	
33 42 26 16-0150	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	59.26	
33 42 26 16-0151	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	64.91	
33 42 26 16-0152	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	74.53	
33 42 26 16-0153	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	96.80	
33 42 26 16-0154	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	105.78	
33 42 26 16-0155	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	120.15	
33 42 26 16-0156	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	135.80	
33 42 26 16-0157	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	160.50	
33 42 26 16-0158	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	203.65	
33 42 26 16-0159	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	258.04	
33 42 26 16-0160	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	348.52	
33 42 26 16-0161	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	395.66	
33 42 26 16-0162	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	414.52	
33 42 26 16-0163	EA	Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	429.97	
33 42 26 16-0164	EA	Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	448.83	
33 42 26 16-0165		Low Slope Corrugated Steel Pipe End Sections And Accessories *(33 42 26 16-0001)*		
33 42 26 16-0166		4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
33 42 26 16-0167	EA	15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	474.87	58.96
33 42 26 16-0168	EA	18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	610.28	62.90
33 42 26 16-0169	EA	21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	746.44	68.80
33 42 26 16-0170	EA	24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	892.24	74.69
33 42 26 16-0171	EA	30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	944.51	84.52
33 42 26 16-0172	EA	36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,233.13	100.08
33 42 26 16-0173	EA	42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,946.32	116.76
33 42 26 16-0174		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)* Note: Includes nut and bolt set.		
33 42 26 16-0175	EA	3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section	337.24	
33 42 26 16-0176	EA	3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section	673.64	
33 42 26 16-0177	EA	3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section	739.23	
33 42 26 16-0178	EA	3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section	768.67	
33 42 26 16-0179		6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
33 42 26 16-0180	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	497.01	58.96
33 42 26 16-0181	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	650.09	62.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0182	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	863.60	68.80
33 42 26 16-0183	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,014.01	74.69
33 42 26 16-0184	EA	30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,203.01	84.52
33 42 26 16-0185	EA	36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,461.29	100.08
33 42 26 16-0186	EA	42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,231.78	116.76
33 42 26 16-0187		3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections *(33 42 26 16-0165)*		
		Note: Includes nut and bolt set.		
33 42 26 16-0188	EA	3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section	654.81	
33 42 26 16-0189	EA	3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section	695.26	
33 42 26 16-0190	EA	3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section	764.78	
33 42 26 16-0191	EA	3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section	804.05	
33 42 26 16-0192		Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section *(33 42 26 16-0165)*		
33 42 26 16-0193	EA	Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	57.67	
33 42 26 16-0194	EA	Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	64.68	
33 42 26 16-0195	EA	Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	70.39	
33 42 26 16-0196	EA	Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section	78.58	
33 42 26 16-0197	EA	Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section	118.03	
33 42 26 16-0198	EA	Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section	126.67	
33 42 26 16-0199	EA	Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section	169.83	
33 42 26 16-0200		Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories *(33 42 26 16-0001)*		
33 42 26 16-0201		4:1 Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*		
33 42 26 16-0202	EA	21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	563.65	62.90
33 42 26 16-0203	EA	24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	706.28	68.80
33 42 26 16-0204	EA	28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	835.36	74.69
33 42 26 16-0205	EA	35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,569.03	84.52
33 42 26 16-0206		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0200)*		
		Note: Includes nut and bolt set.		
33 42 26 16-0207	EA	3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section	401.48	
33 42 26 16-0208	EA	3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section	729.48	
33 42 26 16-0209	EA	3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section	768.67	
33 42 26 16-0210	EA	3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section	1,130.28	
33 42 26 16-0211		Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*		
33 42 26 16-0212	EA	Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section	58.32	
33 42 26 16-0213	EA	Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section	66.13	
33 42 26 16-0214	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section	72.10	
33 42 26 16-0215	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section	86.04	
33 42 26 19		**Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping *(33 42 26)***		
33 42 26 19-0001		Corrugated High Density Polyethylene (HDPE) Pipe End Sections *(33 42 26 19)*		
33 42 26 19-0002	EA	4" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	48.05	16.14
33 42 26 19-0003	EA	6" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	89.44	24.20
33 42 26 19-0004	EA	8" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	121.41	30.26
33 42 26 19-0005	EA	10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	191.23	48.41
33 42 26 19-0006	EA	12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	227.06	54.46
33 42 26 19-0007	EA	15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	241.02	58.50
33 42 26 19-0008	EA	18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	287.08	64.55
33 42 26 19-0009	EA	24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	370.83	76.65
33 42 26 19-0010	EA	30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	763.88	86.73
33 42 26 19-0011	EA	36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	931.66	96.82
33 42 26 23		**Concrete End Sections for Stormwater Piping *(33 42 26)***		
33 42 26 23-0001		Precast Concrete End Sections *(33 42 26 23)*		
33 42 26 23-0002		Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section	486.86	92.22
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section	651.35	114.16
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section	807.20	144.50
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section	927.93	172.81
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section	989.98	200.01
33 42 26 23-0008	EA	27" Diameter Pipe, Precast Concrete End Section	1,247.57	248.53
33 42 26 23-0009	EA	30" Diameter Pipe, Precast Concrete End Section	1,554.94	373.29
33 42 26 23-0010	EA	36" Diameter Pipe, Precast Concrete End Section	1,922.16	471.04
33 42 26 23-0011	EA	42" Diameter Pipe, Precast Concrete End Section	2,330.25	590.89
33 42 26 23-0012	EA	48" Diameter Pipe, Precast Concrete End Section	2,558.16	666.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 23-0013	EA	54" Diameter Pipe, Precast Concrete End Section	2,794.65	746.42
33 42 26 23-0014	EA	60" Diameter Pipe, Precast Concrete End Section	3,037.31	829.82
33 42 26 23-0015		Flared Precast Concrete End Sections *(33 42 26 23-0001)*		
33 42 26 23-0016	EA	12" Diameter Pipe, Flared Precast Concrete End Section	607.31	97.16
33 42 26 23-0017	EA	15" Diameter Pipe, Flared Precast Concrete End Section	732.10	121.09
33 42 26 23-0018	EA	18" Diameter Pipe, Flared Precast Concrete End Section	890.22	153.29
33 42 26 23-0019	EA	21" Diameter Pipe, Flared Precast Concrete End Section	1,019.06	183.31
33 42 26 23-0020	EA	24" Diameter Pipe, Flared Precast Concrete End Section	1,240.90	212.16
33 42 26 23-0021	EA	27" Diameter Pipe, Flared Precast Concrete End Section	1,515.20	338.85
33 42 26 23-0022	EA	30" Diameter Pipe, Flared Precast Concrete End Section	1,602.18	466.53
33 42 26 23-0023	EA	36" Diameter Pipe, Flared Precast Concrete End Section	2,155.32	588.79
33 42 26 23-0024	EA	42" Diameter Pipe, Flared Precast Concrete End Section	2,593.61	738.75
33 42 26 23-0025	EA	48" Diameter Pipe, Flared Precast Concrete End Section	2,814.06	833.16
33 42 26 23-0026	EA	54" Diameter Pipe, Flared Precast Concrete End Section	3,147.84	933.16
33 42 26 23-0027	EA	60" Diameter Pipe, Flared Precast Concrete End Section	3,488.34	1,036.48

33 42 31 Stormwater Area Drains and Inlets *(33 42)*

33 42 31 00-0001 Storm Drains *(33 42 31)*
See CSI section 33 05 61 00-0001 for manhole structures.

33 42 31 00-0002 Catch Basins And Inlet Basins *(33 42 31 00-0001)*
Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.

33 42 31 00-0003 Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0002)*
Note: Inside dimensions.

33 42 31 00-0004 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,474.65	271.64
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,761.89	318.28
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,049.14	364.82
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,336.37	411.46
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,623.62	458.01

33 42 31 00-0010 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,903.23	270.00
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,353.41	359.99
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,001.61	490.90
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,658.45	572.72
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,173.72	654.54

33 42 31 00-0016 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

33 42 31 00-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,046.13	294.55
33 42 31 00-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,834.85	409.09
33 42 31 00-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,459.99	531.81
33 42 31 00-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,995.44	613.63
33 42 31 00-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,066.94	785.45

33 42 31 00-0022 Cast In Place, Catch Basin *(33 42 31 00-0002)*
Note: Inside span, overall depth. Includes concrete, forms, rebar (where required), finish and curing.

33 42 31 00-0023 3' x 3', Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0024	EA	3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	1,804.16	328.42
33 42 31 00-0025	EA	3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	1,912.88	349.20
33 42 31 00-0026	EA	4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,090.57	375.05
33 42 31 00-0027	EA	4'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,353.78	415.15
33 42 31 00-0028	EA	5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,539.49	441.89
33 42 31 00-0029	EA	5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,658.78	463.42
33 42 31 00-0030	EA	6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,844.64	490.17
33 42 31 00-0031	EA	6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,961.17	511.77
33 42 31 00-0032	EA	7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,148.23	538.44
33 42 31 00-0033	EA	7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,266.34	560.05
33 42 31 00-0034	EA	8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,452.11	586.79
33 42 31 00-0035	VLF	>8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	431.54	73.30

33 42 31 00-0036 3'-6" x 3'-6", Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0037	EA	3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,075.02	379.63
33 42 31 00-0038	EA	3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,212.76	406.31
33 42 31 00-0039	EA	4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,397.83	433.07
33 42 31 00-0040	EA	4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,705.39	479.61
33 42 31 00-0041	EA	5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,909.45	509.88
33 42 31 00-0042	EA	5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,046.90	535.01
33 42 31 00-0043	EA	6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,253.55	565.28
33 42 31 00-0044	EA	6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,391.02	590.40
33 42 31 00-0045	EA	7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,596.18	620.67
33 42 31 00-0046	EA	7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,733.94	645.78
33 42 31 00-0047	EA	8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,939.18	676.06
33 42 31 00-0048	VLF	>8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	492.42	84.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0049		**4' x 4', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0050	EA	3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,364.92	434.29
33 42 31 00-0051	EA	3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,510.04	461.86
33 42 31 00-0052	EA	4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,722.95	494.51
33 42 31 00-0053	EA	4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,075.36	547.60
33 42 31 00-0054	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,300.26	581.40
33 42 31 00-0055	EA	5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,457.31	610.12
33 42 31 00-0056	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,682.21	643.91
33 42 31 00-0057	EA	6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,838.97	672.62
33 42 31 00-0058	EA	7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,063.89	706.41
33 42 31 00-0059	EA	7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,220.94	735.13
33 42 31 00-0060	EA	8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,445.84	769.01
33 42 31 00-0061	VLF	>8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	555.70	96.13
33 42 31 00-0062		**4'-6" x 4'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0063	EA	3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,730.72	503.59
33 42 31 00-0064	EA	3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,899.98	532.07
33 42 31 00-0065	EA	4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,135.62	568.87
33 42 31 00-0066	EA	4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,537.62	629.26
33 42 31 00-0067	EA	5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,787.23	667.39
33 42 31 00-0068	EA	5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,969.07	700.36
33 42 31 00-0069	EA	6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,218.97	738.49
33 42 31 00-0070	EA	6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,400.80	771.54
33 42 31 00-0071	EA	7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,650.42	809.67
33 42 31 00-0072	EA	7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,831.07	842.65
33 42 31 00-0073	EA	8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,082.17	880.77
33 42 31 00-0074	VLF	>8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	635.32	110.12
33 42 31 00-0075		**5' x 5', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0076	EA	4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin	3,509.78	638.75
33 42 31 00-0077	EA	4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	3,957.52	705.85
33 42 31 00-0078	EA	5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,228.32	747.65
33 42 31 00-0079	EA	5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,430.14	784.30
33 42 31 00-0080	EA	6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,698.27	826.03
33 42 31 00-0081	EA	6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	4,901.28	862.69
33 42 31 00-0082	EA	7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,170.90	904.49
33 42 31 00-0083	EA	7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,371.23	941.15
33 42 31 00-0084	EA	8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,642.03	982.88
33 42 31 00-0085	VLF	>8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin	995.13	122.89
33 42 31 00-0086		**5'-6" x 5'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0087	EA	4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,901.91	712.31
33 42 31 00-0088	EA	4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,541.31	806.32
33 42 31 00-0089	EA	5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,840.87	852.79
33 42 31 00-0090	EA	5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin	5,071.47	894.43
33 42 31 00-0091	EA	6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,372.50	941.23
33 42 31 00-0092	EA	6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,604.28	982.88
33 42 31 00-0093	EA	7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,903.85	1,029.68
33 42 31 00-0094	EA	7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,134.43	1,071.32
33 42 31 00-0095	EA	8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,434.00	1,118.12
33 42 31 00-0096	VLF	>8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin	804.25	139.75
33 42 31 00-0097		**6' x 6', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0098	EA	4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin	4,314.91	789.30
33 42 31 00-0099	EA	4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,019.49	892.46
33 42 31 00-0100	EA	5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,340.73	943.03
33 42 31 00-0101	EA	5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,592.70	988.44
33 42 31 00-0102	EA	6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,912.73	1,039.00
33 42 31 00-0103	EA	6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,166.20	1,084.42
33 42 31 00-0104	EA	7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,485.96	1,134.98
33 42 31 00-0105	EA	7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,738.22	1,180.39
33 42 31 00-0106	EA	8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	7,059.46	1,230.95
33 42 31 00-0107	VLF	>8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	882.47	153.90
33 42 31 00-0108		**6'-6" x 6'-6", Cast In Place, Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0109	EA	4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin	4,746.08	869.97
33 42 31 00-0110	EA	4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,701.21	1,007.91
33 42 31 00-0111	EA	5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,053.96	1,063.88
33 42 31 00-0112	EA	5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,338.84	1,114.69
33 42 31 00-0113	EA	6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,691.58	1,170.57
33 42 31 00-0114	EA	6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,976.48	1,221.46
33 42 31 00-0115	EA	7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,329.22	1,277.34
33 42 31 00-0116	EA	7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,614.10	1,328.15
33 42 31 00-0117	EA	8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,968.34	1,384.12
33 42 31 00-0118	VLF	>8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin	996.01	173.04
33 42 31 00-0119		**7' x 7', Cast In Place, Catch Basins** *(33 42 31 00-0022)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0120	EA	4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin	5,196.79	954.16
33 42 31 00-0121	EA	4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	6,242.01	1,104.71
33 42 31 00-0122	EA	5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	6,616.92	1,164.60
33 42 31 00-0123	EA	5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	6,922.58	1,219.25
33 42 31 00-0124	EA	6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,298.61	1,279.05
33 42 31 00-0125	EA	6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,604.26	1,333.79
33 42 31 00-0126	EA	7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	7,979.16	1,393.60
33 42 31 00-0127	EA	7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,286.01	1,448.34
33 42 31 00-0128	EA	8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	8,660.84	1,508.15
33 42 31 00-0129	VLF	>8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin	1,082.65	188.51

33 42 31 00-0130 7'-6" x 7'-6", Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0131	EA	4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin	5,876.11	1,070.91
33 42 31 00-0132	EA	4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	6,805.06	1,205.43
33 42 31 00-0133	EA	5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,200.66	1,269.15
33 42 31 00-0134	EA	5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,529.67	1,327.74
33 42 31 00-0135	EA	6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	7,926.38	1,391.48
33 42 31 00-0136	EA	6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,255.39	1,450.06
33 42 31 00-0137	EA	7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,650.99	1,513.79
33 42 31 00-0138	EA	7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	8,980.00	1,572.37
33 42 31 00-0139	EA	8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	9,376.79	1,636.11
33 42 31 00-0140	VLF	>8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin	1,172.07	204.55

33 42 31 00-0141 8' x 8', Cast In Place, Catch Basins *(33 42 31 00-0022)*

33 42 31 00-0142	EA	4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin	6,385.61	1,165.16
33 42 31 00-0143	EA	4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	7,388.71	1,310.06
33 42 31 00-0144	EA	5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	7,806.26	1,377.65
33 42 31 00-0145	EA	5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,157.44	1,440.16
33 42 31 00-0146	EA	6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,574.91	1,507.74
33 42 31 00-0147	EA	6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,923.70	1,570.25
33 42 31 00-0148	EA	7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,343.56	1,637.83
33 42 31 00-0149	EA	7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,694.74	1,700.34
33 42 31 00-0150	EA	8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,104.94	1,767.92
33 42 31 00-0151	VLF	>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	1,264.03	220.99

33 42 31 00-0152 Precast Concrete Catch Basins *(33 42 31 00-0002)*

Note: Inside dimensions.

33 42 31 00-0153 1'-6" Diameter Precast Catch Basins *(33 42 31 00-0152)*

33 42 31 00-0154	EA	4' Deep, 1'-6" Diameter Precast Catch Basins	566.97	170.20
33 42 31 00-0155	EA	6' Deep, 1'-6" Diameter Precast Catch Basins	785.99	255.29
33 42 31 00-0156	EA	8' Deep, 1'-6" Diameter Precast Catch Basins	993.79	331.88
33 42 31 00-0157	EA	10' Deep, 1'-6" Diameter Precast Catch Basins	1,191.41	392.30
33 42 31 00-0158	EA	12' Deep, 1'-6" Diameter Precast Catch Basins	1,464.91	497.82
33 42 31 00-0159	EA	14' Deep, 1'-6" Diameter Precast Catch Basins	1,675.06	574.40
33 42 31 00-0160	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	116.45	38.29

33 42 31 00-0161 2' Diameter Precast Catch Basins *(33 42 31 00-0152)*

33 42 31 00-0162	EA	4' Deep, 2' Diameter Precast Catch Basin	646.73	189.34
33 42 31 00-0163	EA	6' Deep, 2' Diameter Precast Catch Basin	891.59	280.82
33 42 31 00-0164	EA	8' Deep, 2' Diameter Precast Catch Basin	1,122.96	370.17
33 42 31 00-0165	EA	10' Deep, 2' Diameter Precast Catch Basin	1,342.15	431.87
33 42 31 00-0166	EA	12' Deep, 2' Diameter Precast Catch Basin	1,659.87	553.13
33 42 31 00-0167	EA	14' Deep, 2' Diameter Precast Catch Basin	1,895.61	638.22
33 42 31 00-0168	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	131.80	45.96

33 42 31 00-0169 3' Diameter Precast Catch Basins *(33 42 31 00-0152)*

33 42 31 00-0170	EA	4' Deep, 3' Diameter Precast Catch Basin	858.10	223.38
33 42 31 00-0171	EA	6' Deep, 3' Diameter Precast Catch Basin	1,166.94	330.18
33 42 31 00-0172	EA	8' Deep, 3' Diameter Precast Catch Basin	1,462.41	436.12
33 42 31 00-0173	EA	10' Deep, 3' Diameter Precast Catch Basin	1,821.36	544.62
33 42 31 00-0174	EA	12' Deep, 3' Diameter Precast Catch Basin	2,150.13	649.29
33 42 31 00-0175	EA	14' Deep, 3' Diameter Precast Catch Basin	2,466.85	755.66
33 42 31 00-0176	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	169.37	53.97

33 42 31 00-0177 4' Diameter Precast Catch Basins *(33 42 31 00-0152)*

33 42 31 00-0178	EA	4' Deep, 4' Diameter Precast Catch Basin	1,041.70	248.48
33 42 31 00-0179	EA	6' Deep, 4' Diameter Precast Catch Basin	1,351.92	340.39
33 42 31 00-0180	EA	8' Deep, 4' Diameter Precast Catch Basin	1,801.21	510.59
33 42 31 00-0181	EA	10' Deep, 4' Diameter Precast Catch Basin	2,247.60	638.22
33 42 31 00-0182	EA	12' Deep, 4' Diameter Precast Catch Basin	2,655.03	765.87
33 42 31 00-0183	EA	14' Deep, 4' Diameter Precast Catch Basin	3,048.79	893.52
33 42 31 00-0184	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	208.79	63.82

33 42 31 00-0185 5' Diameter Precast Catch Basins *(33 42 31 00-0152)*

33 42 31 00-0186	EA	4' Deep, 5' Diameter Precast Catch Basin	1,401.40	340.39
33 42 31 00-0187	EA	6' Deep, 5' Diameter Precast Catch Basin	1,911.17	510.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0188	EA	8' Deep, 5' Diameter Precast Catch Basin	2,423.46	680.77
33 42 31 00-0189	EA	10' Deep, 5' Diameter Precast Catch Basin	2,961.21	850.97
33 42 31 00-0190	EA	12' Deep, 5' Diameter Precast Catch Basin	3,490.48	1,021.16
33 42 31 00-0191	EA	14' Deep, 5' Diameter Precast Catch Basin	4,061.00	1,191.36
33 42 31 00-0192	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	277.79	85.10
33 42 31 00-0193		6' Diameter Precast Catch Basins *(33 42 31 00-0152)*		
33 42 31 00-0194	EA	4' Deep, 6' Diameter Precast Catch Basin	2,048.61	510.59
33 42 31 00-0195	EA	6' Deep, 6' Diameter Precast Catch Basin	2,764.99	765.87
33 42 31 00-0196	EA	8' Deep, 6' Diameter Precast Catch Basin	3,533.03	1,021.16
33 42 31 00-0197	EA	10' Deep, 6' Diameter Precast Catch Basin	4,402.54	1,276.45
33 42 31 00-0198	EA	12' Deep, 6' Diameter Precast Catch Basin	5,244.57	1,531.75
33 42 31 00-0199	EA	14' Deep, 6' Diameter Precast Catch Basin	6,065.76	1,787.04
33 42 31 00-0200	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	413.94	127.65
33 42 31 00-0201		Precast Catch Basins Accessories *(33 42 31 00-0152)*		
33 42 31 00-0202	EA	Single Or Double Wing Slab Top With Throat	1,194.62	553.13
33 42 31 00-0203	EA	4' x 4' Weir Box, Precast Catch Basin	580.08	68.07
33 42 31 00-0204	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	320.29	72.33
33 42 31 00-0205	EA	3' Diameter, Up To 6" High, Precast Extension Ring	396.93	106.37
		For Each Additional Inch In Height, Add	*48.41*	
33 42 31 00-0206	EA	4' Diameter, Up To 6" High, Precast Extension Ring	467.85	127.65
		For Each Additional Inch In Height, Add	*56.68*	
33 42 31 00-0207	EA	5' Diameter, Up To 6" High, Precast Extension Ring	545.74	148.92
		For Each Additional Inch In Height, Add	*66.17*	
33 42 31 00-0208	EA	6' Diameter, Up To 6" High, Precast Extension Ring	678.78	212.74
		For Each Additional Inch In Height, Add	*77.71*	
33 42 31 00-0209	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	510.55	
33 42 31 00-0210		Catch Basin Risers *(33 42 31 00-0152)*		
33 42 31 00-0211	EA	Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser	268.25	
33 42 31 00-0212	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser	296.48	
33 42 31 00-0213	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser	329.95	
33 42 31 00-0214	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	288.39	
33 42 31 00-0215	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	318.52	
33 42 31 00-0216	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	355.58	
33 42 31 00-0217	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	317.62	
33 42 31 00-0218	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	344.50	
33 42 31 00-0219	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	381.73	
33 42 31 00-0220		Cast In Place, Storm Drain Cleanout *(33 42 31 00-0002)* Note: Inside span.		
33 42 31 00-0221	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	3,794.27	647.84
33 42 31 00-0222	EA	6' Deep, 4' x 5' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	4,323.47	739.30
33 42 31 00-0223	EA	6' Deep, 4' x 6' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	4,914.03	839.04
33 42 31 00-0224	EA	7' Deep, 4' x 7' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,897.86	1,006.53
33 42 31 00-0225	EA	8' Deep, 4' x 8' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	7,154.94	1,215.15
33 42 31 00-0226		Precast Concrete Inlet Boxes *(33 42 31 00-0002)* Note: Inside dimensions.		
33 42 31 00-0227		Precast Concrete Inlet Boxes *(33 42 31 00-0226)*		
33 42 31 00-0228		24" x 24" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)* Note: Yard inlet.		
33 42 31 00-0229		24" x 24" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0228)*		
33 42 31 00-0230	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box	572.91	59.57
33 42 31 00-0231	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box	674.07	72.33
33 42 31 00-0232	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box	775.24	85.10
33 42 31 00-0233	EA	42" Height, 24" x 24" ID, Precast Concrete Inlet Box	877.46	98.39
33 42 31 00-0234		24" x 24" ID, Precast Concrete Inlet Box Risers *(33 42 31 00-0228)*		
33 42 31 00-0235	EA	6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	147.96	
33 42 31 00-0236	EA	12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	236.36	
33 42 31 00-0237	EA	18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	333.26	
33 42 31 00-0238	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	430.17	
33 42 31 00-0239	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	527.07	
33 42 31 00-0240	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	623.98	
33 42 31 00-0241		22" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0227)*		
33 42 31 00-0242		22" x 48" ID, Precast Concrete Inlet Boxes *(33 42 31 00-0241)*		
33 42 31 00-0243	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,184.00	166.80
33 42 31 00-0244	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,333.04	192.86
33 42 31 00-0245	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,482.09	218.92
33 42 31 00-0246	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,631.26	245.05
33 42 31 00-0247	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,780.42	271.18
33 42 31 00-0248	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,929.59	297.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0249	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,078.77	323.42
33 42 31 00-0250		**22" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0241)*		
33 42 31 00-0251	EA	6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	290.02	
33 42 31 00-0252	EA	12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	460.93	
33 42 31 00-0253	EA	18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	503.50	
33 42 31 00-0254	EA	24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	642.97	
33 42 31 00-0255	EA	30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	782.44	
33 42 31 00-0256	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	915.12	
33 42 31 00-0257	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,064.16	
33 42 31 00-0258	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,213.21	
33 42 31 00-0259	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,362.38	
33 42 31 00-0260	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,511.54	
33 42 31 00-0261	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,660.71	
33 42 31 00-0262	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,809.89	
33 42 31 00-0263		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0264		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0263)*		
33 42 31 00-0265	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,146.55	183.48
33 42 31 00-0266	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,296.39	212.14
33 42 31 00-0267	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,446.24	240.82
33 42 31 00-0268	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,596.22	269.56
33 42 31 00-0269	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,746.21	298.29
33 42 31 00-0270	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,896.20	327.03
33 42 31 00-0271	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,046.18	355.77
33 42 31 00-0272		**30" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0263)*		
33 42 31 00-0273	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	288.04	
33 42 31 00-0274	EA	12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	452.66	
33 42 31 00-0275	EA	18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	496.04	
33 42 31 00-0276	EA	24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	632.74	
33 42 31 00-0277	EA	30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	769.46	
33 42 31 00-0278	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	905.34	
33 42 31 00-0279	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,052.89	
33 42 31 00-0280	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,199.61	
33 42 31 00-0281	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,347.16	
33 42 31 00-0282	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,493.88	
33 42 31 00-0283	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,641.44	
33 42 31 00-0284	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,788.99	
33 42 31 00-0285		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0286		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0285)*		
33 42 31 00-0287	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,359.85	200.16
33 42 31 00-0288	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,535.70	232.68
33 42 31 00-0289	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,711.53	266.04
33 42 31 00-0290	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,886.54	298.57
33 42 31 00-0291	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,062.39	331.93
33 42 31 00-0292	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,238.23	364.45
33 42 31 00-0293	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,413.23	396.99
33 42 31 00-0294		**42" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0285)*		
33 42 31 00-0295	EA	6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	316.71	
33 42 31 00-0296	EA	12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	508.33	
33 42 31 00-0297	EA	18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	552.96	
33 42 31 00-0298	EA	24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	707.53	
33 42 31 00-0299	EA	30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	862.11	
33 42 31 00-0300	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,016.68	
33 42 31 00-0301	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,182.50	
33 42 31 00-0302	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,348.35	
33 42 31 00-0303	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,514.18	
33 42 31 00-0304	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,680.01	
33 42 31 00-0305	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,845.84	
33 42 31 00-0306	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,011.67	
33 42 31 00-0307		**42" x 48" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0285)*		
33 42 31 00-0308	EA	42" x 48" ID, Precast Concrete Inlet Box Top Slab	773.85	125.10
33 42 31 00-0309		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0310		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0309)*		
33 42 31 00-0311	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box	1,916.44	222.40
33 42 31 00-0312	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,149.89	258.96
33 42 31 00-0313	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,383.34	295.51
33 42 31 00-0314	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,616.52	331.93
33 42 31 00-0315	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,849.70	368.35
33 42 31 00-0316	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,082.87	404.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0317	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,316.06	441.20
33 42 31 00-0318		**48" x 54" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0309)*		
33 42 31 00-0319	EA	6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	318.80	
33 42 31 00-0320	EA	12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	501.37	
33 42 31 00-0321	EA	18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	731.19	
33 42 31 00-0322	EA	24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	961.04	
33 42 31 00-0323	EA	30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,176.98	
33 42 31 00-0324	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,406.80	
33 42 31 00-0325	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,640.25	
33 42 31 00-0326	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,873.70	
33 42 31 00-0327	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,106.88	
33 42 31 00-0328	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,340.06	
33 42 31 00-0329	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,573.23	
33 42 31 00-0330	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,806.42	
33 42 31 00-0331		**48" x 54" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0309)*		
33 42 31 00-0332	EA	48" x 54" ID, Precast Concrete Inlet Box Top Slab	840.97	135.53
33 42 31 00-0333		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0334		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0333)*		
33 42 31 00-0335	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,214.29	280.22
33 42 31 00-0336	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,472.36	327.04
33 42 31 00-0337	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,730.43	373.85
33 42 31 00-0338	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box	2,987.97	420.41
33 42 31 00-0339	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,245.52	466.98
33 42 31 00-0340	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,503.07	513.54
33 42 31 00-0341	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,760.62	560.10
33 42 31 00-0342		**48" x 66" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0333)*		
33 42 31 00-0343	EA	6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	351.25	
33 42 31 00-0344	EA	12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	539.03	
33 42 31 00-0345	EA	18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	796.87	
33 42 31 00-0346	EA	24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,054.71	
33 42 31 00-0347	EA	30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,289.18	
33 42 31 00-0348	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,547.02	
33 42 31 00-0349	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,805.09	
33 42 31 00-0350	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,063.16	
33 42 31 00-0351	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,320.70	
33 42 31 00-0352	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,578.25	
33 42 31 00-0353	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,835.80	
33 42 31 00-0354	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,093.35	
33 42 31 00-0355		**48" x 66" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0333)*		
33 42 31 00-0356	EA	48" x 66" ID, Precast Concrete Inlet Box Top Slab	935.20	151.78
33 42 31 00-0357		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0227)*		
33 42 31 00-0358		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0357)*		
33 42 31 00-0359	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box	2,778.95	377.80
33 42 31 00-0360	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,106.09	440.35
33 42 31 00-0361	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,433.23	502.06
33 42 31 00-0362	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box	3,759.54	564.62
33 42 31 00-0363	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,086.69	626.33
33 42 31 00-0364	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,413.00	688.04
33 42 31 00-0365	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,740.98	750.59
33 42 31 00-0366		**42" x 102" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0357)*		
33 42 31 00-0367	EA	6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	472.26	
33 42 31 00-0368	EA	12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	712.67	
33 42 31 00-0369	EA	18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,033.98	
33 42 31 00-0370	EA	24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,355.28	
33 42 31 00-0371	EA	30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,652.40	
33 42 31 00-0372	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,973.72	
33 42 31 00-0373	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,300.86	
33 42 31 00-0374	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,628.00	
33 42 31 00-0375	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,954.31	
33 42 31 00-0376	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,281.46	
33 42 31 00-0377	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,607.77	
33 42 31 00-0378	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,934.91	
33 42 31 00-0379		**42" x 102" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0357)*		
33 42 31 00-0380	EA	42" x 102" ID, Precast Concrete Inlet Box Top Slab	1,267.03	166.80

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0381		Frames And Grates For Inlets *(33 42 31 00-0226)*		
33 42 31 00-0382		Inlet Frames And Grates *(33 42 31 00-0381)*		
33 42 31 00-0383	EA	24" x 24", Heavy Duty Inlet Grate Note: For type A, B, D, or E inlets.	255.58	39.31
33 42 31 00-0384	EA	47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT) Note: For type A, B, D, or E inlets.	326.25	39.31
33 42 31 00-0385	EA	47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT) Note: Includes legend: Dump No Waste "Drains To Waterways".	326.25	39.31
33 42 31 00-0386	EA	Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT Note: Legend: Dump No Waste "Drains to Waterways"	326.25	39.31
33 42 31 00-0387	EA	Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362)	355.73	39.31
33 42 31 00-0388	EA	Type B Inlet Dirt Plate (US Foundry 5217 BK)	286.95	78.62
33 42 31 00-0389	EA	Back Plate For Type B Inlets (Campbell Foundry 2548-1942)	328.22	78.62
33 42 31 00-0390	EA	Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4) Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".	408.81	98.28
33 42 31 00-0391	EA	1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	355.74	98.28
33 42 31 00-0392	EA	2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	361.64	98.28
33 42 31 00-0393	EA	2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	373.43	98.28
33 42 31 00-0394	EA	3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	385.22	98.28
33 42 31 00-0395	EA	2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	373.43	98.28
33 42 31 00-0396	EA	2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	385.22	98.28
33 42 31 00-0397	EA	3" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	397.01	98.28
33 42 31 00-0398	EA	2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	550.31	98.28
33 42 31 00-0399	EA	2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	573.89	98.28
33 42 31 00-0400	EA	3" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	597.48	98.28
33 42 31 00-0401	EA	2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701)	420.60	98.28
33 42 31 00-0402	EA	6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6)	385.22	98.28
33 42 31 00-0403	EA	8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8)	385.22	98.28
33 42 31 00-0404	EA	6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6)	738.94	98.28
33 42 31 00-0405	EA	8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8)	738.94	98.28
33 42 31 00-0406	EA	Safety Bars For Type B And D Inlets (General Foundries 5218 SB)	334.13	108.10
33 42 31 00-0407	EA	6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	446.15	108.10
33 42 31 00-0408	EA	8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	446.15	108.10
33 42 31 00-0409	EA	10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	487.43	108.10
33 42 31 00-0410	EA	Type B Inlet Frame (US Foundry 5216 FRM)	552.28	108.10
33 42 31 00-0411	EA	Type D Inlet Frame (US Foundry 2999 FRM)	481.53	108.10
33 42 31 00-0412	EA	Type B Inlet Frame (Campbell Foundry 2618-0202)	664.31	108.10
33 42 31 00-0413	EA	Type D Inlet Frame (Campbell Foundry 2617-0002)	593.55	108.10
33 42 31 00-0414	EA	Type A Inlet, Single Frame And Grate (US Foundry 52340)	774.37	157.24
33 42 31 00-0415	EA	Type E Inlet, Single Frame And Grate (US Foundry 52342)	1,198.88	157.24
33 42 31 00-0416	EA	Type A Inlet, Single Frame And Grate (General Foundries 52340)	756.68	157.24
33 42 31 00-0417	EA	Type E Inlet, Double Frame And Grate (General Foundries 52342)	1,143.46	157.24
33 42 31 00-0418	EA	Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340)	1,255.89	235.86
33 42 31 00-0419	EA	Heavy Duty Rectangular Frame And Grate (Campbell Foundry 3084)	1,322.71	314.48
33 42 31 00-0420	EA	6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186)	1,436.71	314.48
33 42 31 00-0421	EA	8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198)	1,436.71	314.48
33 42 31 00-0422	EA	6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266)	1,289.31	314.48
33 42 31 00-0423	EA	8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268)	1,289.31	314.48
33 42 31 00-0424	EA	Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198)	1,483.88	314.48
33 42 31 00-0425		Catch Basin Frames And Covers *(33 42 31 00-0001)*		
33 42 31 00-0426		Cast Iron Frames And Covers *(33 42 31 00-0425)*		
33 42 31 00-0427	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	373.28	85.10
33 42 31 00-0428	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	460.70	96.16
33 42 31 00-0429	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	511.70	99.56
33 42 31 00-0430	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	572.77	115.73
33 42 31 00-0431	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	658.71	131.90
33 42 31 00-0432	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	1,003.79	137.86
33 42 31 00-0433	EA	16" x 16" Cast Iron Catch Basin Frame And Cover	561.86	104.67
33 42 31 00-0434	EA	18" x 24" Cast Iron Catch Basin Frame And Cover	717.93	120.83
33 42 31 00-0435	EA	20" x 27" Cast Iron Catch Basin Frame And Cover	802.29	125.95
33 42 31 00-0436	EA	23" x 23" Cast Iron Catch Basin Frame And Cover	764.35	125.95
33 42 31 00-0437	EA	24" x 24" Cast Iron Catch Basin Frame And Cover	790.93	131.05
33 42 31 00-0438	EA	26" x 26" Cast Iron Catch Basin Frame And Cover	845.34	136.16
33 42 31 00-0439	EA	24" x 36" Cast Iron Catch Basin Frame And Cover	1,000.76	146.37
33 42 31 00-0440		Stainless Steel Frame And Cover *(33 42 31 00-0425)*		
33 42 31 00-0441	EA	24" x 24" Stainless Steel Catch Basin Cover With Filter And Access Cover Note: Swalegard Prefilter	5,244.64	146.37
33 42 31 00-0442		Area Yard Drain *(33 42 31 00-0001)*		
33 42 31 00-0443		Ductile Iron Grates *(33 42 31 00-0442)* Note: Not for traffic loading.		
33 42 31 00-0444	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	124.44	30.26
33 42 31 00-0445	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	151.99	32.27
33 42 31 00-0446	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	349.69	40.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0447	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	417.87	48.41
33 42 31 00-0448		Concrete Drainage Inlet Structures (CALTRANS) *(33 42 31 00-0001)*		
33 42 31 00-0449		Type OS Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0450	EA	3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,261.07	
33 42 31 00-0451	EA	4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,628.22	
33 42 31 00-0452	EA	5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,969.64	
33 42 31 00-0453	EA	6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,285.32	
33 42 31 00-0454	EA	7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,575.26	
33 42 31 00-0455	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,839.47	
33 42 31 00-0456	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	5,224.42	
33 42 31 00-0457	EA	10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,092.37	
33 42 31 00-0458	EA	12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,894.30	
33 42 31 00-0459	EA	14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,631.92	
33 42 31 00-0460	EA	16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,344.20	
33 42 31 00-0461	EA	18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	9,000.44	
33 42 31 00-0462	EA	20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	9,600.63	
33 42 31 00-0463		Type OL-7 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0464	EA	3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,078.91	
33 42 31 00-0465	EA	4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,422.53	
33 42 31 00-0466	EA	5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,740.41	
33 42 31 00-0467	EA	6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,032.56	
33 42 31 00-0468	EA	7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,298.12	
33 42 31 00-0469	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,538.79	
33 42 31 00-0470	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,882.62	
33 42 31 00-0471	EA	10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,730.47	
33 42 31 00-0472	EA	12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,512.30	
33 42 31 00-0473	EA	14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,228.98	
33 42 31 00-0474	EA	16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,923.99	
33 42 31 00-0475	EA	18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,562.97	
33 42 31 00-0476	EA	20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,145.89	
33 42 31 00-0477		Type OL-10 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0478	EA	3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,832.60	
33 42 31 00-0479	EA	4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,154.73	
33 42 31 00-0480	EA	5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,450.25	
33 42 31 00-0481	EA	6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,720.89	
33 42 31 00-0482	EA	7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,964.96	
33 42 31 00-0483	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,183.28	
33 42 31 00-0484	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,540.80	
33 42 31 00-0485	EA	10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,367.72	
33 42 31 00-0486	EA	12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,130.30	
33 42 31 00-0487	EA	14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,826.90	
33 42 31 00-0488	EA	16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,503.80	
33 42 31 00-0489	EA	18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,125.50	
33 42 31 00-0490	EA	20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,690.30	
33 42 31 00-0491		Type OL-14 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0492	EA	3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,907.01	
33 42 31 00-0493	EA	4' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,197.48	
33 42 31 00-0494	EA	5' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,462.22	
33 42 31 00-0495	EA	6' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,701.22	
33 42 31 00-0496	EA	7' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,914.48	
33 42 31 00-0497	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,102.00	
33 42 31 00-0498	EA	8' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,473.24	
33 42 31 00-0499	EA	10' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,271.63	
33 42 31 00-0500	EA	12' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,004.83	
33 42 31 00-0501	EA	14' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,672.87	
33 42 31 00-0502	EA	16' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,326.09	
33 42 31 00-0503	EA	18' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,922.41	
33 42 31 00-0504	EA	20' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,462.68	
33 42 31 00-0505		Type OL-21 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0506	EA	3' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,087.91	
33 42 31 00-0507	EA	4' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,315.34	
33 42 31 00-0508	EA	5' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,517.05	
33 42 31 00-0509	EA	6' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,693.03	
33 42 31 00-0510	EA	7' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,842.41	
33 42 31 00-0511	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness	7,966.90	
33 42 31 00-0512	EA	8' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,296.99	
33 42 31 00-0513	EA	10' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,039.17	
33 42 31 00-0514	EA	12' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,716.19	
33 42 31 00-0515	EA	14' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,328.04	
33 42 31 00-0516	EA	16' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,932.90	
33 42 31 00-0517	EA	18' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,480.87	
33 42 31 00-0518	EA	20' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,972.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 31 00-0519 Type GOL-7 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*

33 42 31 00-0520	EA	3' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,736.39
33 42 31 00-0521	EA	4' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,115.80
33 42 31 00-0522	EA	5' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,465.70
33 42 31 00-0523	EA	6' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,786.11
33 42 31 00-0524	EA	7' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,077.86
33 42 31 00-0525	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,340.97
33 42 31 00-0526	EA	8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,801.35
33 42 31 00-0527	EA	10' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,745.71
33 42 31 00-0528	EA	12' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,616.84
33 42 31 00-0529	EA	14' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,413.86
33 42 31 00-0530	EA	16' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,188.14
33 42 31 00-0531	EA	18' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,899.39
33 42 31 00-0532	EA	20' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,546.76

33 42 31 00-0533 Type GOL-10 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*

33 42 31 00-0534	EA	3' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,554.22
33 42 31 00-0535	EA	4' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,909.24
33 42 31 00-0536	EA	5' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,235.63
33 42 31 00-0537	EA	6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,533.35
33 42 31 00-0538	EA	7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,801.57
33 42 31 00-0539	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,040.30
33 42 31 00-0540	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,500.67
33 42 31 00-0541	EA	10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,423.23
33 42 31 00-0542	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,272.51
33 42 31 00-0543	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,048.56
33 42 31 00-0544	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,804.01
33 42 31 00-0545	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,496.45
33 42 31 00-0546	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,125.84

33 42 31 00-0547 Type G-1 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*

33 42 31 00-0548	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,523.42
33 42 31 00-0549	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,822.18
33 42 31 00-0550	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,099.47
33 42 31 00-0551	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,357.00
33 42 31 00-0552	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,594.75
33 42 31 00-0553	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,811.03

33 42 31 00-0554 Type G-2 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*

33 42 31 00-0555	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,100.71
33 42 31 00-0556	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,436.74
33 42 31 00-0557	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,749.22
33 42 31 00-0558	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,038.18
33 42 31 00-0559	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,303.61
33 42 31 00-0560	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,544.65
33 42 31 00-0561	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,799.34
33 42 31 00-0562	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,600.16
33 42 31 00-0563	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,341.06
33 42 31 00-0564	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,022.03
33 42 31 00-0565	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,679.66
33 42 31 00-0566	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,285.77
33 42 31 00-0567	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,839.52

33 42 31 00-0568 Type G-3 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*

33 42 31 00-0569	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,651.71
33 42 31 00-0570	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,946.42
33 42 31 00-0571	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,220.49
33 42 31 00-0572	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,474.81
33 42 31 00-0573	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,707.66
33 42 31 00-0574	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,920.74

33 42 31 00-0575 Type G-4_24 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*

33 42 31 00-0576	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,036.58
33 42 31 00-0577	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,374.62
33 42 31 00-0578	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,689.14
33 42 31 00-0579	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,979.26
33 42 31 00-0580	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,246.73
33 42 31 00-0581	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,489.80
33 42 31 00-0582	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,771.91
33 42 31 00-0583	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,574.18
33 42 31 00-0584	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,315.66
33 42 31 00-0585	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,997.23
33 42 31 00-0586	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,655.33
33 42 31 00-0587	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,261.91
33 42 31 00-0588	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,816.98

33 42 31 00-0589 Type G-4_18 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0590	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,100.71	
33 42 31 00-0591	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,436.74	
33 42 31 00-0592	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,749.22	
33 42 31 00-0593	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,038.18	
33 42 31 00-0594	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,303.61	
33 42 31 00-0595	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,544.65	
33 42 31 00-0596	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,799.34	
33 42 31 00-0597	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,600.16	
33 42 31 00-0598	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,341.06	
33 42 31 00-0599	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,022.03	
33 42 31 00-0600	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,679.66	
33 42 31 00-0601	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,285.77	
33 42 31 00-0602	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,839.52	
33 42 31 00-0603		Type G-5 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0604	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,635.67	
33 42 31 00-0605	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,930.67	
33 42 31 00-0606	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,205.90	
33 42 31 00-0607	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,459.66	
33 42 31 00-0608	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,693.65	
33 42 31 00-0609	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,907.02	
33 42 31 00-0610		Type G-6 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0611	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,667.74	
33 42 31 00-0612	EA	4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,962.14	
33 42 31 00-0613	EA	5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,235.94	
33 42 31 00-0614	EA	6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,489.10	
33 42 31 00-0615	EA	7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,721.67	
33 42 31 00-0616	EA	8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,934.46	
33 42 31 00-0617		Type GT1 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0618	EA	3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,790.26	
33 42 31 00-0619	EA	4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,251.09	
33 42 31 00-0620	EA	5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,712.14	
33 42 31 00-0621	EA	6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,076.32	
33 42 31 00-0622	EA	7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,439.90	
33 42 31 00-0623	EA	8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,771.91	
33 42 31 00-0624		Type GT2 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0625	EA	3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,383.59	
33 42 31 00-0626	EA	4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,885.37	
33 42 31 00-0627	EA	5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,350.86	
33 42 31 00-0628	EA	6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,780.90	
33 42 31 00-0629	EA	7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,174.65	
33 42 31 00-0630	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,532.94	
33 42 31 00-0631	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,404.68	
33 42 31 00-0632	EA	10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,585.39	
33 42 31 00-0633	EA	12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,676.42	
33 42 31 00-0634	EA	14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,678.63	
33 42 31 00-0635	EA	16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,647.96	
33 42 31 00-0636	EA	18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,540.11	
33 42 31 00-0637	EA	20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,355.06	
33 42 31 00-0638		Type GT3 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0639	EA	3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,774.23	
33 42 31 00-0640	EA	4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,235.34	
33 42 31 00-0641	EA	5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,664.88	
33 42 31 00-0642	EA	6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,062.01	
33 42 31 00-0643	EA	7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,425.89	
33 42 31 00-0644	EA	8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,758.20	
33 42 31 00-0645		Type GT4 Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		
33 42 31 00-0646	EA	3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,495.84	
33 42 31 00-0647	EA	4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,993.87	
33 42 31 00-0648	EA	5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,456.43	
33 42 31 00-0649	EA	6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,882.71	
33 42 31 00-0650	EA	7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,273.54	
33 42 31 00-0651	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,628.93	
33 42 31 00-0652	EA	8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,418.40	
33 42 31 00-0653	EA	10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,598.81	
33 42 31 00-0654	EA	12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,689.55	
33 42 31 00-0655	EA	14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,690.61	
33 42 31 00-0656	EA	16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,659.70	
33 42 31 00-0657	EA	18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,551.60	
33 42 31 00-0658	EA	20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,366.33	
33 42 31 00-0659		Type GO Concrete Drainage Inlet Structure *(33 42 31 00-0448)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0660	EA	3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	1,988.46	
33 42 31 00-0661	EA	4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,312.50	
33 42 31 00-0662	EA	5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,613.60	
33 42 31 00-0663	EA	6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,891.76	
33 42 31 00-0664	EA	7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,146.97	
33 42 31 00-0665	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,380.11	
33 42 31 00-0666	EA	8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	4,648.49	
33 42 31 00-0667	EA	10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,425.43	
33 42 31 00-0668	EA	12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,142.88	
33 42 31 00-0669	EA	14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,802.54	
33 42 31 00-0670	EA	16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,440.71	
33 42 31 00-0671	EA	18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,027.52	
33 42 31 00-0672	EA	20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,564.71	

33 42 31 00-0673 Type GDO Concrete Drainage Inlet Structure *(33 42 31 00-0448)*

33 42 31 00-0674	EA	3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,597.83	
33 42 31 00-0675	EA	4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,023.80	
33 42 31 00-0676	EA	5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,419.75	
33 42 31 00-0677	EA	6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,786.51	
33 42 31 00-0678	EA	7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,122.39	
33 42 31 00-0679	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness	4,429.11	
33 42 31 00-0680	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,978.60	
33 42 31 00-0681	EA	10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,980.01	
33 42 31 00-0682	EA	12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	7,905.89	
33 42 31 00-0683	EA	14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	8,757.09	
33 42 31 00-0684	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	9,579.48	
33 42 31 00-0685	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	10,336.87	
33 42 31 00-0686	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness	11,029.24	

33 42 33 Stormwater Curbside Drains and Inlets *(33 42)*

33 42 33 00-0001 Curb Inlet Frames And Covers *(33 42 33)*

33 42 33 00-0002 Cast Iron Curb Inlet Frames And Covers *(33 42 33 00-0001)*

33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	685.70	99.56
33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	735.42	115.73
33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	760.28	115.73
33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	833.13	136.16
33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	830.24	145.52

33 42 36 Stormwater Trench Drains *(33 42)*

33 42 36 00-0001 Modular Trench Drains *(33 42 36)*
See CSI section 03 31 13 00-0017 for concrete.

33 42 36 00-0002 Modular Trench Drains *(33 42 36 00-0001)*
Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.

33 42 36 00-0003 4" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0004 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0003)*

33 42 36 00-0005 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0006	LF	4" Wide, High Density Polyethylene, Shallow Modular Trench Drain (Zurn Z844-C)	46.41	13.62
		For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*29.64*	
		For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*59.29*	
		For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*94.86*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*23.72*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*11.86*	

33 42 36 00-0007 Outlet Adapters For 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains *(33 42 36 00-0004)*

33 42 36 00-0008	EA	Closed End Cap For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	34.17	
33 42 36 00-0009	EA	No-Hub End Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	42.68	
33 42 36 00-0010	EA	No-Hub Bottom Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	42.68	

33 42 36 00-0011 6" Wide, Modular Trench Drains *(33 42 36 00-0002)*

33 42 36 00-0012 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0011)*

33 42 36 00-0013 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0014	LF	6" Wide, High Density Polyethylene, Modular Trench Drain	78.48	13.62
		For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*29.64*	
		For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*59.29*	
		For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*94.86*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*23.72*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*11.86*	

33 42 36 00-0015 Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*

33 42 36 00-0016	EA	Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains	38.36	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0017	EA	No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	46.87	
33 42 36 00-0018	EA	No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	46.87	
33 42 36 00-0019		Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0012)*		
33 42 36 00-0020	EA	Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains	61.39	
33 42 36 00-0021	EA	Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains	61.39	
33 42 36 00-0022	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	279.71	
33 42 36 00-0023	EA	Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains	516.87	
33 42 36 00-0024	EA	Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	59.29	
33 42 36 00-0025		6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0026		6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*		
33 42 36 00-0027	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain	106.34	13.62
		For Black Acid Resistant Coated Frame, Add	*22.53*	
		For Galvanized Top Frame Assembly, Add	*22.53*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*83.01*	
33 42 36 00-0028		Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*		
33 42 36 00-0029	EA	Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	40.74	
33 42 36 00-0030	EA	No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	49.25	
33 42 36 00-0031	EA	No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	49.25	
33 42 36 00-0032		Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0025)*		
33 42 36 00-0033	EA	Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	61.39	
33 42 36 00-0034	EA	Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	61.39	
33 42 36 00-0035	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	279.71	
33 42 36 00-0036	EA	Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	516.87	
33 42 36 00-0037	EA	Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	59.29	
33 42 36 00-0038		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0039		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0040	LF	6" Wide, Vinylester Fiberglass, Modular Trench Drain	132.43	13.62
		For Black Acid Resistant Coated Frame, Add	*22.53*	
		For Galvanized Top Frame Assembly, Add	*22.53*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*83.01*	
33 42 36 00-0041		Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0042	EA	Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	59.71	
33 42 36 00-0043	EA	No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	68.22	
33 42 36 00-0044	EA	No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	68.22	
33 42 36 00-0045		Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0046	EA	Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	61.39	
33 42 36 00-0047	EA	Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	61.39	
33 42 36 00-0048	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	279.71	
33 42 36 00-0049	EA	Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	516.87	
33 42 36 00-0050	EA	Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	59.29	
33 42 36 00-0051		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0052		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0053	LF	6" Wide, Polymer Concrete, Modular Trench Drain	279.95	
33 42 36 00-0054		Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0055	EA	Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain	112.46	
33 42 36 00-0056	EA	No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	138.19	
33 42 36 00-0057	EA	No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	48.06	
33 42 36 00-0058		12" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0059		12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0060		12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0061	LF	12" Wide, High Density Polyethylene, Modular Trench Drain	138.23	18.72
		For Acid Resistant Coated Top Frame, Add	*30.83*	
		For Galvanized Welded Frame Assembly, Add	*32.31*	
		For Type 304 Stainless Steel Top Frame, Add	*184.98*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0062		Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0063	EA	End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains	71.31	
33 42 36 00-0064	EA	No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	82.66	
33 42 36 00-0065	EA	No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	82.66	
33 42 36 00-0066		Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0067	EA	Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains	106.39	
33 42 36 00-0068	EA	Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains	136.03	
33 42 36 00-0069	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	539.78	
33 42 36 00-0070	EA	Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains	1,014.10	
33 42 36 00-0071	EA	Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains	118.58	
33 42 36 00-0072		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0073		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0074	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	167.88	18.72
		For Acid Resistant Coated Top Frame, Add	*30.83*	
		For Galvanized Welded Frame Assembly, Add	*32.31*	
		For Type 304 Stainless Steel Top Frame, Add	*184.98*	
33 42 36 00-0075		Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0076	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	73.68	
33 42 36 00-0077	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	85.03	
33 42 36 00-0078	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	85.03	
33 42 36 00-0079		Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0080	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	106.39	
33 42 36 00-0081	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	136.03	
33 42 36 00-0082	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	539.78	
33 42 36 00-0083	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,014.10	
33 42 36 00-0084	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	118.58	
33 42 36 00-0085		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0086		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0087	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain	227.17	18.72
		For Acid Resistant Coated Top Frame, Add	*30.83*	
		For Galvanized Welded Frame Assembly, Add	*32.31*	
		For Type 304 Stainless Steel Top Frame, Add	*184.98*	
33 42 36 00-0088		Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0089	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	162.61	
33 42 36 00-0090	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	173.96	
33 42 36 00-0091	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	173.96	
33 42 36 00-0092		Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0093	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	106.39	
33 42 36 00-0094	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	136.03	
33 42 36 00-0095	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	539.78	
33 42 36 00-0096	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,014.10	
33 42 36 00-0097	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	118.58	
33 42 36 00-0098		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0099		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0100	LF	12" Wide, Polymer Concrete, Modular Trench Drain	375.42	
33 42 36 00-0101		Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0102	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain	189.74	
33 42 36 00-0103	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	325.66	
33 42 36 00-0104	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	81.70	
33 42 36 00-0105		23" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0106		23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0105)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0107		23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0108	LF	23" Wide, High Density Polyethylene, Modular Trench Drain	192.22	25.53
		For Acid Resistant Coated Frame, Add	*46.25*	
		For Galvanized Frame Assembly, Add	*46.25*	
		For Type 304 Stainless Steel Top Frame, Add	*284.59*	
33 42 36 00-0109		Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0110	EA	End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains	201.02	
33 42 36 00-0111	EA	No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	312.80	
33 42 36 00-0112	EA	No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	312.80	
33 42 36 00-0113		Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0114	EA	Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains	233.05	
33 42 36 00-0115	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	1,055.00	
33 42 36 00-0116	EA	Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains	2,003.64	
33 42 36 00-0117	EA	Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains	237.16	
33 42 36 00-0118		Modular Trench Drain Grates *(33 42 36 00-0001)*		
33 42 36 00-0119		4" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0120	LF	4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP)	26.13	2.56
33 42 36 00-0121	LF	4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG)	27.42	2.56
33 42 36 00-0122	LF	4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG)	22.27	2.56
33 42 36 00-0123	LF	4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS)	57.65	2.56
33 42 36 00-0124	LF	4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG)	22.27	2.56
33 42 36 00-0125	LF	4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS)	57.65	2.56
33 42 36 00-0126		6" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0127	LF	6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	61.18	2.56
33 42 36 00-0128	LF	6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	52.23	2.56
33 42 36 00-0129	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	54.72	2.56
33 42 36 00-0130	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	48.13	2.56
33 42 36 00-0131	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	51.69	2.56
33 42 36 00-0132	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	52.28	2.56
33 42 36 00-0133	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	52.28	2.56
33 42 36 00-0134	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	51.69	2.56
33 42 36 00-0135	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	45.76	2.56
33 42 36 00-0136	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	45.76	2.56
33 42 36 00-0137	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	48.49	2.56
33 42 36 00-0138	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	48.49	2.56
33 42 36 00-0139	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	62.36	2.56
33 42 36 00-0140	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	62.36	2.56
33 42 36 00-0141	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	112.17	2.56
33 42 36 00-0142	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	112.17	2.56
33 42 36 00-0143	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	307.82	2.56
33 42 36 00-0144	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	43.39	2.56
33 42 36 00-0145	LF	6" Wide, Fiberglass, Modular Trench Drain Grate	90.82	2.56
33 42 36 00-0146		12" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0147	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	164.76	2.77
33 42 36 00-0148	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	157.65	2.77
33 42 36 00-0149	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	137.49	2.77
33 42 36 00-0150	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	144.31	2.77
33 42 36 00-0151	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	125.04	2.77
33 42 36 00-0152	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	242.14	2.77
33 42 36 00-0153	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	242.14	2.77
33 42 36 00-0154	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	308.24	2.77
33 42 36 00-0155	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	308.24	2.77
33 42 36 00-0156	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	392.73	2.77
33 42 36 00-0157	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	392.73	2.77
33 42 36 00-0158	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	372.87	2.77
33 42 36 00-0159	LF	12" Wide, Fiberglass, Modular Trench Drain Grate	177.51	2.77
33 42 36 00-0160		23" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0161	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	258.87	2.98
33 42 36 00-0162	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	218.55	2.98
33 42 36 00-0163	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	337.13	2.98
33 42 36 00-0164	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	250.57	2.98

33 44 Storm Utility Water Drains *(33 40)*

33 44 36 Oil and Stormwater Separators *(33 44)*

33 44 36 00-0001 Oil/Water Separator *(33 44 36)*
Note: Complete with internal sensors and detectors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0002		Coalescing Oil Water Separator *(33 44 36 00-0001)*		
		Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.		
33 44 36 00-0003		Single Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*		
33 44 36 00-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	12,830.83	
		Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.		
		For Interior Polyurethane Coating, Add	*711.00*	
33 44 36 00-0005	EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	15,200.99	
		Note: HTC-G 1000. 4' diameter x 14' long tank.		
		For Interior Polyurethane Coating, Add	*893.70*	
33 44 36 00-0006	EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	17,752.62	
		Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
		For Interior Polyurethane Coating, Add	*1,340.10*	
33 44 36 00-0007		Double Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*		
33 44 36 00-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways	18,695.87	
		Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.		
		For Interior Polyurethane Coating, Add	*711.00*	
33 44 36 00-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways	21,163.46	
		Note: HTC-G 1000. 4' diameter x 14' long tank.		
		For Interior Polyurethane Coating, Add	*893.70*	
33 44 36 00-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways	25,364.89	
		Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
		For Interior Polyurethane Coating, Add	*1,340.10*	
33 44 36 00-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways	29,168.66	
		Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.		
		For Interior Polyurethane Coating, Add	*1,550.70*	
33 44 36 00-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways	37,820.04	
		Note: HTC-G 5000. 6' diameter x 28'-8" long tank.		
		For Interior Polyurethane Coating, Add	*2,057.80*	
33 44 36 00-0013		Accessories For Coalescing Oil Water Separators *(33 44 36 00-0002)*		
33 44 36 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator	732.08	
		Note: HTAP1.		
33 44 36 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator	989.07	
		Note: HTAP2.		
33 44 36 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator	573.16	
		Note: Required for UL 2215 label.		
33 44 36 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator	431.14	
		Note: Required for UL 2215 label.		
33 44 36 00-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator	164.85	
		Note: Required for UL 2215 label.		
33 44 36 00-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	2,399.37	
33 44 36 00-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	4,798.73	
33 44 36 00-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	7,198.17	
33 44 36 00-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	459.96	
33 44 36 00-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	535.71	
33 44 36 00-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,071.40	
33 44 36 00-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	2,317.22	
33 44 36 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator	637.49	
		Note: Required when installed in paved areas.		
33 44 36 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator	823.38	
		Note: Required when installed in paved areas.		
33 44 36 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator	1,127.65	
		Note: Required when installed in paved areas.		
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator	2,012.91	
		Note: Required when installed in paved areas.		
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator	2,573.88	
		Note: Required when installed in paved areas.		
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator	3,217.71	
		Note: Required when installed in paved areas.		
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator	4,043.79	
		Note: Required when installed in paved areas.		
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	789.39	
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	962.19	
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,511.33	
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	752.71	
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	913.66	
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,084.09	
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	63.91	
33 44 36 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	72.19	
33 44 36 00-0041		Oil Skimmers *(33 44 36)*		
33 44 36 00-0042		Oil Skimmers, 12" And 24" Models *(33 44 36 00-0041)*		
33 44 36 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	4,923.91	537.40
33 44 36 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,159.71	537.40
33 44 36 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	4,945.75	537.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,248.13	537.40
33 44 36 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,193.55	537.40
33 44 36 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,393.32	537.40
33 44 36 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,244.85	537.40
33 44 36 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,546.15	537.40
33 44 36 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,535.66	716.68
33 44 36 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,787.83	716.68
33 44 36 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,602.25	716.68
33 44 36 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,964.68	716.68
33 44 36 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,173.18	716.68
33 44 36 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,425.35	716.68
33 44 36 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,226.67	716.68
33 44 36 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,590.19	716.68

33 44 36 00-0059 Oil Skimmers, Add-Ons *(33 44 36 00-0041)*

33 44 36 00-0060	LF	Add For Belt Projection, 12" Width	16.37	
33 44 36 00-0061	LF	Add For Belt Projection, 24" Width	30.57	
33 44 36 00-0062	LF	Add For Spacer Stands, 12" Models	251.11	
33 44 36 00-0063	LF	Add For Spacer Stands, 24" Models	299.14	

33 50 Hydrocarbon Utilities *(33)*

33 52 Hydrocarbon Transmission and Distribution *(33 50)*

33 52 16 Gas Hydrocarbon Piping *(33 52)*

33 52 16 13 Steel Natural Gas Piping *(33 52 16)*

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001 Gas Distribution Lines *(33 52 16 13)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 52 16 13-0002 Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped *(33 52 16 13-0001)*

33 52 16 13-0003	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	12.92	2.37
33 52 16 13-0004	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	14.76	2.60
33 52 16 13-0005	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	16.55	2.67
33 52 16 13-0006	LF	1-1/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	16.99	2.74
33 52 16 13-0007	LF	1-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	17.56	2.77
33 52 16 13-0008	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	18.64	2.97
33 52 16 13-0009	LF	2-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	25.18	3.47
33 52 16 13-0010	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	31.44	4.38
33 52 16 13-0011	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	41.71	5.29
33 52 16 13-0012	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	55.27	6.12
33 52 16 13-0013	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	69.27	7.49
33 52 16 13-0014	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	99.48	9.63

33 52 16 13-0015 Gas Line Taps *(33 52 16 13-0001)*

Note: Includes material to tap into main and gas valve.

33 52 16 13-0016 Polyethylene, 60 PSI *(33 52 16 13-0015)*

33 52 16 13-0017	EA	2" Polyethylene Hot Tap, With Valve	1,403.22
33 52 16 13-0018	EA	2-1/2" Polyethylene Hot Tap, With Valve	1,190.55
33 52 16 13-0019	EA	3" Polyethylene Hot Tap, With Valve	1,264.84
33 52 16 13-0020	EA	4" Polyethylene Hot Tap, With Valve	2,477.27
33 52 16 13-0021	EA	6" Polyethylene Hot Tap, With Valve	3,806.23

33 52 16 13-0022 Steel, Schedule 40 *(33 52 16 13-0015)*

Note: For punch steel service tee.

33 52 16 13-0023	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,720.38
33 52 16 13-0024	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,749.46
33 52 16 13-0025	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,792.53
33 52 16 13-0026	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,833.96
33 52 16 13-0027	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	1,862.92
33 52 16 13-0028	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Value Steel Service Tee	2,024.17
33 52 16 13-0029	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	2,078.19

33 52 16 13-0030 Protective Pipe And Fitting Wrap *(33 52 16 13-0001)*

Note: Includes cleaning and priming pipe.

33 52 16 13-0031 Corrosion Protection Pipe Wrap For Pipe *(33 52 16 13-0030)*

Note: Field applied.

33 52 16 13-0032	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.50
33 52 16 13-0033	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.66
33 52 16 13-0034	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.84
33 52 16 13-0035	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.33

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 13-0036	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.61	
33 52 16 13-0037	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.32	
33 52 16 13-0038	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	6.58	
33 52 16 13-0039	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	8.26	
33 52 16 13-0040	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	10.52	
33 52 16 13-0041	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	14.12	

33 52 16 13-0042 Corrosion Resistance Wrap And Coat - Fittings *(33 52 16 13-0030)*

Note: Field applied.

33 52 16 13-0043	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	17.12	
33 52 16 13-0044	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	17.12	
33 52 16 13-0045	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	21.01	
33 52 16 13-0046	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	23.93	
33 52 16 13-0047	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	23.93	
33 52 16 13-0048	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	28.33	
33 52 16 13-0049	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	37.69	
33 52 16 13-0050	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	53.43	
33 52 16 13-0051	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	54.30	
33 52 16 13-0052	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	62.79	

33 52 16 13-0053 Service Fittings *(33 52 16 13-0001)*

33 52 16 13-0054 Brass Fittings *(33 52 16 13-0053)*

33 52 16 13-0055	EA	1/2" X 2" Long Nipples, Threaded Both Ends, Brass	29.86	
33 52 16 13-0056	EA	3/4" X 2" Long Nipples, Threaded Both Ends, Brass	34.62	
33 52 16 13-0057	EA	1" X 2" Long Nipples, Threaded Both Ends, Brass	43.78	
33 52 16 13-0058	EA	1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass	54.13	
33 52 16 13-0059	EA	1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass	60.66	
33 52 16 13-0060	EA	2" X 2" Long Nipples, Threaded Both Ends, Brass	78.53	
33 52 16 13-0061	EA	1/2" 90 Degree Elbow, Brass	25.87	
33 52 16 13-0062	EA	3/4" 90 Degree Elbow, Brass	29.65	
33 52 16 13-0063	EA	1" 90 Degree Elbow, Brass	38.23	
33 52 16 13-0064	EA	1-1/4" 90 Degree Elbow, Brass	49.05	
33 52 16 13-0065	EA	1-1/2" 90 Degree Elbow, Brass	55.92	
33 52 16 13-0066	EA	2" 90 Degree Elbow, Brass	74.08	
33 52 16 13-0067	EA	1/2" Diameter Chrome Plated Nipple	21.14	
33 52 16 13-0068	EA	3/4" Diameter Chrome Plated Nipple	27.14	
33 52 16 13-0069	EA	1" Diameter Chrome Plated Nipple	35.34	
33 52 16 13-0070	EA	1-1/4" Diameter Chrome Plated Nipple	50.17	
33 52 16 13-0071	EA	1-1/2" Diameter Chrome Plated Nipple	60.54	
33 52 16 13-0072	EA	2" Diameter Chrome Plated Nipple	80.88	

33 52 16 13-0073 Anodless Gas Riser *(33 52 16 13-0053)*

33 52 16 13-0074	EA	3/4" Anodless Gas Riser	70.63	
33 52 16 13-0075	EA	1" Anodless Gas Riser	86.75	
33 52 16 13-0076	EA	1-1/4" Anodless Gas Riser	100.53	
33 52 16 13-0077	EA	1-1/2" Anodless Gas Riser	123.22	
33 52 16 13-0078	EA	2" Anodless Gas Riser	140.25	

33 52 16 13-0079 Brass Service Adapter *(33 52 16 13-0053)*

33 52 16 13-0080	EA	1/2" Brass Service Adapter	57.90	
33 52 16 13-0081	EA	3/4" Brass Service Adapter	63.71	
33 52 16 13-0082	EA	1" Brass Service Adapter	76.42	
33 52 16 13-0083	EA	1-1/4" Brass Service Adapter	92.56	
33 52 16 13-0084	EA	1-1/2" Brass Service Adapter	110.96	
33 52 16 13-0085	EA	2" Brass Service Adapter	133.23	
33 52 16 13-0086	EA	2-1/2" Brass Service Adapter	226.13	
33 52 16 13-0087	EA	3" Brass Service Adapter	276.19	
33 52 16 13-0088	EA	4" Brass Service Adapter	397.64	

33 52 16 23 Medium Density Polyethylene Piping for Natural Gas *(33 52 16)*

33 52 16 23-0001 Medium Density Polyethylene (MDPE) Gas Distribution Piping *(33 52 16 23)*

Note: 60 PSI, PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 52 16 23-0002	LF	1/2" DR 9 (200 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	2.99	1.48
		For Colors, Add	*0.02*	
33 52 16 23-0003	LF	3/4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.27	1.58
		For DR 13.5 (128 PSI), Deduct	*-0.03*	
		For Colors, Add	*0.02*	
33 52 16 23-0004	LF	1" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.55	1.70
		For DR 13.5 (128 PSI), Deduct	*-0.04*	
		For Colors, Add	*0.03*	
33 52 16 23-0005	LF	1-1/4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.82	1.80
		For DR 13.5 (128 PSI), Deduct	*-0.05*	
		For Colors, Add	*0.03*	
33 52 16 23-0006	LF	1-1/2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.21	2.16
		For DR 13.5 (128 PSI), Deduct	*-0.07*	
		For Colors, Add	*0.05*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 23-0007		LF	2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.60	2.35
			For DR 13.5 (128 PSI), Deduct	*-0.09*	
			For DR 15.5 (110 PSI), Deduct	*-0.17*	
			For Colors, Add	*0.06*	
33 52 16 23-0008		LF	2-1/2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.31	2.76
			For DR 13.5 (128 PSI), Deduct	*-0.15*	
			For DR 15.5 (110 PSI), Deduct	*-0.28*	
			For Colors, Add	*0.10*	
33 52 16 23-0009		LF	3" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.20	3.28
			For DR 13.5 (128 PSI), Deduct	*-0.21*	
			For DR 15.5 (110 PSI), Deduct	*-0.39*	
			For Colors, Add	*0.14*	
33 52 16 23-0010		LF	4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	9.18	3.66
			For DR 13.5 (128 PSI), Deduct	*-0.39*	
			For DR 15.5 (110 PSI), Deduct	*-0.72*	
			For Colors, Add	*0.25*	
33 52 16 23-0011		LF	5" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	16.67	3.66
			For DR 13.5 (128 PSI), Deduct	*-0.54*	
			For DR 15.5 (110 PSI), Deduct	*-0.99*	
			For Colors, Add	*0.35*	
33 52 16 23-0012		LF	6" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	12.90	3.66
			For DR 13.5 (128 PSI), Deduct	*-0.69*	
			For DR 15.5 (110 PSI), Deduct	*-1.27*	
			For Colors, Add	*0.45*	
33 52 16 23-0013		LF	8" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe	17.52	4.58
			For DR 13.5 (128 PSI), Deduct	*-1.15*	
			For DR 15.5 (110 PSI), Deduct	*-2.12*	
			For Colors, Add	*0.74*	

33 53 Hydrocarbon Utility Pressure Regulation *(33 50)*

33 53 16 Gas Hydrocarbon Pressure Regulation *(33 53)*

33 53 16 00-0001 Gas Pressure Regulators With Screwed And Flanged Ends *(33 53 16)*

33 53 16 00-0002		EA	3/4" Gas Pressure Regulator, Screwed End	160.57	15.57
33 53 16 00-0003		EA	1" Gas Pressure Regulator, Screwed End	164.10	15.57
33 53 16 00-0004		EA	1-1/4" Gas Pressure Regulator, Screwed End	172.58	18.48
33 53 16 00-0005		EA	1-1/2" Gas Pressure Regulator, Screwed End	542.24	21.40
33 53 16 00-0006		EA	2" Gas Pressure Regulator, Screwed End	586.87	33.13
33 53 16 00-0007		EA	3" Gas Pressure Regulator, Screwed End	1,631.54	74.33
33 53 16 00-0008		EA	4" Gas Pressure Regulator, Screwed End	2,260.93	98.50

33 56 Hydrocarbon Storage *(33 50)*

33 56 13 Aboveground Hydrocarbon Storage Tanks *(33 56)*

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 33 Underground Hydrocarbon Storage *(33 56)*

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 59 Hydrocarbon Utility Metering *(33 50)*

33 59 11 Diaphragm/Bellows Hydrocarbons Meters *(33 59)*

33 59 11 00-0001 Diaphragm Meters *(33 59 11)*

Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.

33 59 11 00-0002		EA	250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded	415.76	60.90
			For Temperature And Pressure Compensation, Add	*8.40*	
			For Pulsers, Add	*26.50*	
33 59 11 00-0003		EA	425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded	793.13	93.13
			For Temperature And Pressure Compensation, Add	*8.40*	
			For Pulsers, Add	*26.50*	
33 59 11 00-0004		EA	425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	917.22	93.13
			For Temperature And Pressure Compensation, Add	*8.40*	
			For Pulsers, Add	*26.50*	
33 59 11 00-0005		EA	800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded	1,918.80	116.41
			For Temperature And Pressure Compensation, Add	*8.40*	
			For Pulsers, Add	*26.50*	
33 59 11 00-0006		EA	1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	2,182.80	143.28
			For Temperature And Pressure Compensation, Add	*8.40*	
			For Pulsers, Add	*26.50*	
33 59 11 00-0007		EA	800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	2,805.48	116.41
			For Temperature And Pressure Compensation, Add	*8.40*	
			For Pulsers, Add	*26.50*	
33 59 11 00-0008		EA	1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	3,136.96	143.28
			For Temperature And Pressure Compensation, Add	*8.40*	
			For Pulsers, Add	*26.50*	
33 59 11 00-0009		EA	1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	4,108.25	152.24
			For Temperature And Pressure Compensation, Add	*8.40*	
			For Pulsers, Add	*26.50*	
33 59 11 00-0010		EA	2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	5,783.40	179.10
			For Temperature And Pressure Compensation, Add	*8.40*	
			For Pulsers, Add	*26.50*	
33 59 11 00-0011		EA	5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	8,856.52	295.52
			For Temperature And Pressure Compensation, Add	*8.40*	
			For Pulsers, Add	*26.50*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 59 16 Hydrocarbons Turbine Meters *(33 59)*

33 59 16 00-0001 Gas Turbine Meters With Direct-Digital Reading *(33 59 16)*
Note: Maximum working pressure 175 PSI, flanged end connections.

33 59 16 00-0002	EA	4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	7,100.56	289.14
33 59 16 00-0003	EA	6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	7,445.80	335.78
33 59 16 00-0004	EA	8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	11,517.24	387.54
33 59 16 00-0005	EA	10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	22,309.80	471.78
33 59 16 00-0006	EA	12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	37,137.52	589.72

33 60 Hydronic And Steam Energy Utilities *(33)*

33 61 Hydronic Energy Distribution *(33 60)*

33 61 13 Buried Hydronic Energy Distribution *(33 61)*

33 61 13 13 Preinsulated Pipe *(33 61 13)*
Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 33-0001 for excavation, 31 23 16 36-0016 for backfill.

33 61 13 13-0001 Preinsulated Schedule 40 Black Steel Pipe *(33 61 13 13)*
Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0002 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*
Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0003	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	48.50
		For High Density Polyethylene (HDPE) Jacket, Add	*0.55*
		For Schedule 80 Pipe, Add	*5.51*
33 61 13 13-0004	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	52.92
		For High Density Polyethylene (HDPE) Jacket, Add	*0.61*
		For Schedule 80 Pipe, Add	*6.06*
33 61 13 13-0005	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	58.14
		For High Density Polyethylene (HDPE) Jacket, Add	*0.68*
		For Schedule 80 Pipe, Add	*6.83*
33 61 13 13-0006	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	61.98
		For High Density Polyethylene (HDPE) Jacket, Add	*0.73*
		For Schedule 80 Pipe, Add	*7.33*
33 61 13 13-0007	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	65.21
		For High Density Polyethylene (HDPE) Jacket, Add	*0.77*
		For Schedule 80 Pipe, Add	*7.66*
33 61 13 13-0008	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	74.91
		For High Density Polyethylene (HDPE) Jacket, Add	*0.83*
		For Schedule 80 Pipe, Add	*8.33*
33 61 13 13-0009	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	85.57
		For High Density Polyethylene (HDPE) Jacket, Add	*0.90*
		For Schedule 80 Pipe, Add	*8.99*
33 61 13 13-0010	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	108.33
		For High Density Polyethylene (HDPE) Jacket, Add	*1.13*
		For Schedule 80 Pipe, Add	*11.32*
33 61 13 13-0011	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	135.77
		For High Density Polyethylene (HDPE) Jacket, Add	*1.45*
		For Schedule 80 Pipe, Add	*14.49*
33 61 13 13-0012	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	158.29
		For High Density Polyethylene (HDPE) Jacket, Add	*1.68*
		For Schedule 80 Pipe, Add	*16.82*
33 61 13 13-0013	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	212.04
		For High Density Polyethylene (HDPE) Jacket, Add	*2.45*
		For Schedule 80 Pipe, Add	*24.48*
33 61 13 13-0014	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	268.21
		For High Density Polyethylene (HDPE) Jacket, Add	*3.23*
		For Schedule 80 Pipe, Add	*32.30*
33 61 13 13-0015	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	332.78
		For High Density Polyethylene (HDPE) Jacket, Add	*4.03*
		For Schedule 80 Pipe, Add	*40.30*

33 61 13 13-0016 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0017	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	51.25
		For High Density Polyethylene (HDPE) Jacket, Add	*0.61*
		For Schedule 80 Pipe, Add	*6.06*
33 61 13 13-0018	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	55.95
		For High Density Polyethylene (HDPE) Jacket, Add	*0.67*
		For Schedule 80 Pipe, Add	*6.67*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0019	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	61.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.75*	
		For Schedule 80 Pipe, Add	*7.51*	
33 61 13 13-0020	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	65.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.81*	
		For Schedule 80 Pipe, Add	*8.06*	
33 61 13 13-0021	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	69.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.84*	
		For Schedule 80 Pipe, Add	*8.43*	
33 61 13 13-0022	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pip With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	79.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.92*	
		For Schedule 80 Pipe, Add	*9.16*	
33 61 13 13-0023	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	90.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.99*	
		For Schedule 80 Pipe, Add	*9.89*	
33 61 13 13-0024	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	114.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.25*	
		For Schedule 80 Pipe, Add	*12.46*	
33 61 13 13-0025	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	143.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.59*	
		For Schedule 80 Pipe, Add	*15.94*	
33 61 13 13-0026	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	166.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.85*	
		For Schedule 80 Pipe, Add	*18.50*	
33 61 13 13-0027	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	224.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.69*	
		For Schedule 80 Pipe, Add	*26.92*	
33 61 13 13-0028	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	284.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.55*	
		For Schedule 80 Pipe, Add	*35.53*	
33 61 13 13-0029	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	352.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.43*	
		For Schedule 80 Pipe, Add	*44.33*	

33 61 13 13-0030 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0031	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	52.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.63*	
		For Schedule 80 Pipe, Add	*6.34*	
33 61 13 13-0032	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	57.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.70*	
		For Schedule 80 Pipe, Add	*6.97*	
33 61 13 13-0033	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	63.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.79*	
		For Schedule 80 Pipe, Add	*7.85*	
33 61 13 13-0034	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	67.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.84*	
		For Schedule 80 Pipe, Add	*8.43*	
33 61 13 13-0035	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	70.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.88*	
		For Schedule 80 Pipe, Add	*8.81*	
33 61 13 13-0036	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	81.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.96*	
		For Schedule 80 Pipe, Add	*9.57*	
33 61 13 13-0037	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	92.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.03*	
		For Schedule 80 Pipe, Add	*10.34*	
33 61 13 13-0038	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	116.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.30*	
		For Schedule 80 Pipe, Add	*13.02*	
33 61 13 13-0039	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	146.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.67*	
		For Schedule 80 Pipe, Add	*16.66*	
33 61 13 13-0040	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	170.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.93*	
		For Schedule 80 Pipe, Add	*19.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0041	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	230.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.81*	
		For Schedule 80 Pipe, Add	*28.15*	
33 61 13 13-0042	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	292.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.71*	
		For Schedule 80 Pipe, Add	*37.15*	
33 61 13 13-0043	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	363.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.63*	
		For Schedule 80 Pipe, Add	*46.34*	

33 61 13 13-0044 Standard Black Steel Carrier Pipe *(33 61 13 13-0001)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0045	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	54.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.68*	
		For Schedule 80 Pipe, Add	*6.75*	
33 61 13 13-0046	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	59.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.74*	
		For Schedule 80 Pipe, Add	*7.42*	
33 61 13 13-0047	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	65.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.84*	
		For Schedule 80 Pipe, Add	*8.36*	
33 61 13 13-0048	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	70.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.90*	
		For Schedule 80 Pipe, Add	*8.97*	
33 61 13 13-0049	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	73.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.94*	
		For Schedule 80 Pipe, Add	*9.38*	
33 61 13 13-0050	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	84.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.02*	
		For Schedule 80 Pipe, Add	*10.20*	
33 61 13 13-0051	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	95.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.10*	
		For Schedule 80 Pipe, Add	*11.01*	
33 61 13 13-0052	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	121.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.39*	
		For Schedule 80 Pipe, Add	*13.87*	
33 61 13 13-0053	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	152.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.77*	
		For Schedule 80 Pipe, Add	*17.75*	
33 61 13 13-0054	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	177.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.06*	
		For Schedule 80 Pipe, Add	*20.60*	
33 61 13 13-0055	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	239.57	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.00*	
		For Schedule 80 Pipe, Add	*29.98*	
33 61 13 13-0056	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	304.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.96*	
		For Schedule 80 Pipe, Add	*39.57*	
33 61 13 13-0057	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	378.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.94*	
		For Schedule 80 Pipe, Add	*49.36*	

33 61 13 13-0058 Preinsulated Black Steel Fittings *(33 61 13 13)*

Note: No excavation or backfill.

33 61 13 13-0059 Elbows *(33 61 13 13-0058)*

33 61 13 13-0060 Elbows *(33 61 13 13-0059)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0061	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	380.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.66*	
33 61 13 13-0062	EA	1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	395.12	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.79*	
33 61 13 13-0063	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	454.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.59*	
33 61 13 13-0064	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	511.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.19*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0065	EA	2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	602.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.49*	
33 61 13 13-0066	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	723.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.79*	
33 61 13 13-0067	EA	3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	840.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.99*	
33 61 13 13-0068	EA	4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	981.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.49*	
33 61 13 13-0069	EA	5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,163.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.49*	
33 61 13 13-0070	EA	6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,279.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.32*	
33 61 13 13-0071	EA	8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,792.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.15*	
33 61 13 13-0072	EA	10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,412.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.31*	
33 61 13 13-0073	EA	12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,070.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.47*	

33 61 13 13-0074 Elbows *(33 61 13 13-0059)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0075	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	402.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.09*	
33 61 13 13-0076	EA	1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	416.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.23*	
33 61 13 13-0077	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	478.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.09*	
33 61 13 13-0078	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	538.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.73*	
33 61 13 13-0079	EA	2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	631.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.06*	
33 61 13 13-0080	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	752.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.38*	
33 61 13 13-0081	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	874.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.67*	
33 61 13 13-0082	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,020.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.28*	
33 61 13 13-0083	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,213.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.50*	
33 61 13 13-0084	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,336.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.47*	
33 61 13 13-0085	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,875.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.81*	
33 61 13 13-0086	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,518.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.43*	
33 61 13 13-0087	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,210.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*40.28*	

33 61 13 13-0088 Elbows *(33 61 13 13-0059)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0089	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	423.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.51*	
33 61 13 13-0090	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	438.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.66*	
33 61 13 13-0091	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	503.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.58*	
33 61 13 13-0092	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	565.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.27*	
33 61 13 13-0093	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	659.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0094	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	781.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.96*	
33 61 13 13-0095	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	908.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.34*	
33 61 13 13-0096	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,059.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.06*	
33 61 13 13-0097	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,264.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.51*	
33 61 13 13-0098	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,393.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.62*	
33 61 13 13-0099	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,958.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.47*	
33 61 13 13-0100	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,624.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*32.55*	
33 61 13 13-0101	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,351.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*43.09*	

33 61 13 13-0102 Elbows *(33 61 13 13-0059)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0103	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	444.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.94*	
33 61 13 13-0104	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	460.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.10*	
33 61 13 13-0105	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	528.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.08*	
33 61 13 13-0106	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	592.81	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.81*	
33 61 13 13-0107	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	687.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.18*	
33 61 13 13-0108	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	811.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.55*	
33 61 13 13-0109	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	941.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.01*	
33 61 13 13-0110	EA	4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,099.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.85*	
33 61 13 13-0111	EA	5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,314.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.52*	
33 61 13 13-0112	EA	6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,451.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.77*	
33 61 13 13-0113	EA	8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,041.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.13*	
33 61 13 13-0114	EA	10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,730.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.68*	
33 61 13 13-0115	EA	12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,491.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*45.89*	

33 61 13 13-0116 Tees *(33 61 13 13-0058)*

33 61 13 13-0117 Tees *(33 61 13 13-0116)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0118	EA	3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	567.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.41*	
33 61 13 13-0119	EA	1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	588.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.61*	
33 61 13 13-0120	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	676.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.79*	
33 61 13 13-0121	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	762.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.68*	
33 61 13 13-0122	EA	2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	898.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0123	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,078.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.57*	
33 61 13 13-0124	EA	3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,254.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.35*	
33 61 13 13-0125	EA	4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,463.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.58*	
33 61 13 13-0126	EA	5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,737.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.03*	
33 61 13 13-0127	EA	6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,907.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.75*	
33 61 13 13-0128	EA	8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,670.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*32.89*	
33 61 13 13-0129	EA	10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,598.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*42.04*	
33 61 13 13-0130	EA	12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,576.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*55.64*	

33 61 13 13-0131 Tees *(33 61 13 13-0116)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0132	EA	3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	598.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.04*	
33 61 13 13-0133	EA	1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	620.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.25*	
33 61 13 13-0134	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	712.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.53*	
33 61 13 13-0135	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	802.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.48*	
33 61 13 13-0136	EA	2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	940.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.96*	
33 61 13 13-0137	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,122.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.44*	
33 61 13 13-0138	EA	3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,304.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.35*	
33 61 13 13-0139	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,522.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.75*	
33 61 13 13-0140	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,812.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.53*	
33 61 13 13-0141	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,993.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.46*	
33 61 13 13-0142	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,793.92	
		For High Density Polyethylene (HDPE) Jacket, Add	*35.35*	
33 61 13 13-0143	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,756.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*45.19*	
33 61 13 13-0144	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,785.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*59.81*	

33 61 13 13-0145 Tees *(33 61 13 13-0116)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0146	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	630.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.67*	
33 61 13 13-0147	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	652.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.90*	
33 61 13 13-0148	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	749.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.26*	
33 61 13 13-0149	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	842.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.28*	
33 61 13 13-0150	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	981.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.80*	
33 61 13 13-0151	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,165.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0152	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,354.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.36*	
33 61 13 13-0153	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,580.75	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.91*	
33 61 13 13-0154	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,887.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.03*	
33 61 13 13-0155	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,078.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.16*	
33 61 13 13-0156	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,917.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*37.82*	
33 61 13 13-0157	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,914.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*48.34*	
33 61 13 13-0158	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,994.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*63.98*	

33 61 13 13-0159 Tees *(33 61 13 13-0116)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0160	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	661.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.30*	
33 61 13 13-0161	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	684.99	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.54*	
33 61 13 13-0162	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	786.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.00*	
33 61 13 13-0163	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	882.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.09*	
33 61 13 13-0164	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,023.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.63*	
33 61 13 13-0165	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,209.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.18*	
33 61 13 13-0166	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,404.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.36*	
33 61 13 13-0167	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,639.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.08*	
33 61 13 13-0168	EA	5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,962.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.54*	
33 61 13 13-0169	EA	6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,163.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.87*	
33 61 13 13-0170	EA	8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,040.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*40.29*	
33 61 13 13-0171	EA	10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,071.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*51.49*	
33 61 13 13-0172	EA	12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	5,202.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*68.15*	

33 61 13 13-0173 Reducers *(33 61 13 13-0058)*

33 61 13 13-0174 Reducers *(33 61 13 13-0173)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0175	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	323.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.70*	
33 61 13 13-0176	EA	1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	335.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.81*	
33 61 13 13-0177	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	385.75	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.47*	
33 61 13 13-0178	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	435.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.97*	
33 61 13 13-0179	EA	2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	516.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.22*	
33 61 13 13-0180	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	631.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.47*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0181	EA	3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	728.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.46*	
33 61 13 13-0182	EA	4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	846.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.71*	
33 61 13 13-0183	EA	5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	999.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.19*	
33 61 13 13-0184	EA	6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,097.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.71*	
33 61 13 13-0185	EA	8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,535.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.38*	
33 61 13 13-0186	EA	10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,072.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.49*	
33 61 13 13-0187	EA	12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,630.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*31.10*	

33 61 13 13-0188 Reducers *(33 61 13 13-0173)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0189	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	340.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.05*	
33 61 13 13-0190	EA	1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	353.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.17*	
33 61 13 13-0191	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	406.27	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.88*	
33 61 13 13-0192	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	457.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.42*	
33 61 13 13-0193	EA	2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	539.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.69*	
33 61 13 13-0194	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	655.64	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.95*	
33 61 13 13-0195	EA	3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	756.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.02*	
33 61 13 13-0196	EA	4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	878.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.36*	
33 61 13 13-0197	EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,041.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.03*	
33 61 13 13-0198	EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,145.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.67*	
33 61 13 13-0199	EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,604.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.76*	
33 61 13 13-0200	EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,160.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.26*	
33 61 13 13-0201	EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,746.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*33.43*	

33 61 13 13-0202 Reducers *(33 61 13 13-0173)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0203	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	358.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.40*	
33 61 13 13-0204	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	371.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.53*	
33 61 13 13-0205	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	426.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.29*	
33 61 13 13-0206	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	480.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.87*	
33 61 13 13-0207	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	563.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.15*	
33 61 13 13-0208	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	679.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.44*	
33 61 13 13-0209	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	784.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0210	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	911.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.01*	
33 61 13 13-0211	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,083.75	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.87*	
33 61 13 13-0212	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,193.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.62*	
33 61 13 13-0213	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,673.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.14*	
33 61 13 13-0214	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,248.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.02*	
33 61 13 13-0215	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,863.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*35.76*	

33 61 13 13-0216 Reducers *(33 61 13 13-0173)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0217	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	375.88	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.76*	
33 61 13 13-0218	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	389.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.89*	
33 61 13 13-0219	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	447.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.70*	
33 61 13 13-0220	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	502.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.31*	
33 61 13 13-0221	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	586.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.62*	
33 61 13 13-0222	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	704.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.92*	
33 61 13 13-0223	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	812.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.14*	
33 61 13 13-0224	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	944.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.67*	
33 61 13 13-0225	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,125.73	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.71*	
33 61 13 13-0226	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,240.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.58*	
33 61 13 13-0227	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,742.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.52*	
33 61 13 13-0228	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,336.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.78*	
33 61 13 13-0229	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,979.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*38.09*	

33 61 13 13-0230 Preinsulated Type K Copper Pipe *(33 61 13 13)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0231 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0232	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	38.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.36*	
33 61 13 13-0233	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	42.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.39*	
33 61 13 13-0234	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	45.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.44*	
33 61 13 13-0235	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	48.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.47*	
33 61 13 13-0236	LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	51.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.49*	
33 61 13 13-0237	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	60.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.54*	
33 61 13 13-0238	LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	69.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.58*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0239	LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	88.07	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.73*	
33 61 13 13-0240	LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	109.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.93*	
33 61 13 13-0241	LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	128.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.08*	
33 61 13 13-0242	LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	168.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.58*	
33 61 13 13-0243	LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	210.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.08*	
33 61 13 13-0244	LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	260.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.60*	

33 61 13 13-0245 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0246	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	40.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.39*	
33 61 13 13-0247	LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	44.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.43*	
33 61 13 13-0248	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	48.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.48*	
33 61 13 13-0249	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	51.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.52*	
33 61 13 13-0250	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	54.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.54*	
33 61 13 13-0251	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	62.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.59*	
33 61 13 13-0252	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	72.38	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.64*	
33 61 13 13-0253	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	91.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.80*	
33 61 13 13-0254	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	114.53	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.03*	
33 61 13 13-0255	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	133.63	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.19*	
33 61 13 13-0256	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	176.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.74*	
33 61 13 13-0257	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	220.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.29*	
33 61 13 13-0258	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	273.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.86*	

33 61 13 13-0259 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0260	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	41.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.41*	
33 61 13 13-0261	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	45.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.45*	
33 61 13 13-0262	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	49.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.51*	
33 61 13 13-0263	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	52.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.54*	
33 61 13 13-0264	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	55.24	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.57*	
33 61 13 13-0265	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	64.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.62*	
33 61 13 13-0266	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	73.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.67*	
33 61 13 13-0267	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	93.54	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0268	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	116.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.07*	
33 61 13 13-0269	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	136.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.25*	
33 61 13 13-0270	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	180.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.81*	
33 61 13 13-0271	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	226.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.39*	
33 61 13 13-0272	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	280.32	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.99*	

33 61 13 13-0273 Type K Copper Carrier Pipe *(33 61 13 13-0230)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0274	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	42.65	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.44*	
33 61 13 13-0275	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	46.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.48*	
33 61 13 13-0276	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	50.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.54*	
33 61 13 13-0277	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	54.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.58*	
33 61 13 13-0278	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	57.09	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.60*	
33 61 13 13-0279	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	66.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.66*	
33 61 13 13-0280	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	76.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.71*	
33 61 13 13-0281	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	96.28	
		For High Density Polyethylene (HDPE) Jacket, Add	*0.89*	
33 61 13 13-0282	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	120.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.14*	
33 61 13 13-0283	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	140.40	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.33*	
33 61 13 13-0284	LF	8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	186.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*1.93*	
33 61 13 13-0285	LF	10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	233.96	
		For High Density Polyethylene (HDPE) Jacket, Add	*2.55*	
33 61 13 13-0286	LF	12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	290.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.18*	

33 61 13 13-0287 Preinsulated Copper Fittings *(33 61 13 13)*

33 61 13 13-0288 Elbows *(33 61 13 13-0287)*

33 61 13 13-0289 Elbows *(33 61 13 13-0288)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0290	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	287.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.05*	
33 61 13 13-0291	EA	1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	298.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.14*	
33 61 13 13-0292	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	344.10	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.72*	
33 61 13 13-0293	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	389.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.14*	
33 61 13 13-0294	EA	2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	466.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.36*	
33 61 13 13-0295	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	568.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.57*	
33 61 13 13-0296	EA	3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	661.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.43*	
33 61 13 13-0297	EA	4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	772.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0298	EA	5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	907.31	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.65*	
33 61 13 13-0299	EA	6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	994.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.96*	
33 61 13 13-0300	EA	8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,387.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.84*	
33 61 13 13-0301	EA	10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,879.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.25*	
33 61 13 13-0302	EA	12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,380.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*26.80*	

33 61 13 13-0303 Elbows *(33 61 13 13-0288)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0304	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	302.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.35*	
33 61 13 13-0305	EA	1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	314.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.46*	
33 61 13 13-0306	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	361.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.07*	
33 61 13 13-0307	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	408.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.53*	
33 61 13 13-0308	EA	2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	486.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.76*	
33 61 13 13-0309	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	589.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.99*	
33 61 13 13-0310	EA	3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	685.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.91*	
33 61 13 13-0311	EA	4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	800.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.07*	
33 61 13 13-0312	EA	5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	943.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.37*	
33 61 13 13-0313	EA	6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,035.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.78*	
33 61 13 13-0314	EA	8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,447.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.03*	
33 61 13 13-0315	EA	10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,954.95	
		For High Density Polyethylene (HDPE) Jacket, Add	*21.76*	
33 61 13 13-0316	EA	12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,480.94	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.81*	

33 61 13 13-0317 Elbows *(33 61 13 13-0288)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0318	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	317.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.66*	
33 61 13 13-0319	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	329.93	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.77*	
33 61 13 13-0320	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	379.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.42*	
33 61 13 13-0321	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	428.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.92*	
33 61 13 13-0322	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	506.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.16*	
33 61 13 13-0323	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	610.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.41*	
33 61 13 13-0324	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	709.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.40*	
33 61 13 13-0325	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	828.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.63*	
33 61 13 13-0326	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	979.66	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0327	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,076.41	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.60*	
33 61 13 13-0328	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,506.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.22*	
33 61 13 13-0329	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,030.49	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.28*	
33 61 13 13-0330	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,581.68	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.81*	

33 61 13 13-0331 Elbows *(33 61 13 13-0288)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0332	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	333.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.96*	
33 61 13 13-0333	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	345.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.08*	
33 61 13 13-0334	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	397.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.78*	
33 61 13 13-0335	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	447.48	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.30*	
33 61 13 13-0336	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	526.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.56*	
33 61 13 13-0337	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	631.67	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.83*	
33 61 13 13-0338	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	734.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.88*	
33 61 13 13-0339	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	856.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.19*	
33 61 13 13-0340	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,015.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.82*	
33 61 13 13-0341	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,117.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.42*	
33 61 13 13-0342	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,565.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.40*	
33 61 13 13-0343	EA	10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,106.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*24.80*	
33 61 13 13-0344	EA	12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,682.16	
		For High Density Polyethylene (HDPE) Jacket, Add	*32.82*	

33 61 13 13-0345 Tees *(33 61 13 13-0287)*

33 61 13 13-0346 Tees *(33 61 13 13-0345)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0347	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	428.20	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.01*	
33 61 13 13-0348	EA	1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	445.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.15*	
33 61 13 13-0349	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	512.47	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.00*	
33 61 13 13-0350	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	580.39	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.64*	
33 61 13 13-0351	EA	2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	695.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.96*	
33 61 13 13-0352	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	848.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.28*	
33 61 13 13-0353	EA	3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	987.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.55*	
33 61 13 13-0354	EA	4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,152.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.14*	
33 61 13 13-0355	EA	5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,356.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.32*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0356	EA	6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,483.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.27*	
33 61 13 13-0357	EA	8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,068.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.52*	
33 61 13 13-0358	EA	10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,804.81	
		For High Density Polyethylene (HDPE) Jacket, Add	*30.06*	
33 61 13 13-0359	EA	12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,550.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*39.79*	

33 61 13 13-0360 Tees *(33 61 13 13-0345)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0361	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	450.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.46*	
33 61 13 13-0362	EA	1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	468.13	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.62*	
33 61 13 13-0363	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	538.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.53*	
33 61 13 13-0364	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	609.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.21*	
33 61 13 13-0365	EA	2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	725.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.56*	
33 61 13 13-0366	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	879.83	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.90*	
33 61 13 13-0367	EA	3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,023.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.27*	
33 61 13 13-0368	EA	4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,194.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.98*	
33 61 13 13-0369	EA	5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,409.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.40*	
33 61 13 13-0370	EA	6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,544.36	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.49*	
33 61 13 13-0371	EA	8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,156.51	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.29*	
33 61 13 13-0372	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,917.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*32.32*	
33 61 13 13-0373	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,699.81	
		For High Density Polyethylene (HDPE) Jacket, Add	*42.78*	

33 61 13 13-0374 Tees *(33 61 13 13-0345)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0375	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	473.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.91*	
33 61 13 13-0376	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	491.21	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.08*	
33 61 13 13-0377	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	565.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.05*	
33 61 13 13-0378	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	637.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.79*	
33 61 13 13-0379	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	755.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.15*	
33 61 13 13-0380	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	910.86	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.52*	
33 61 13 13-0381	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,059.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.98*	
33 61 13 13-0382	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,236.30	
		For High Density Polyethylene (HDPE) Jacket, Add	*12.81*	
33 61 13 13-0383	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,463.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.47*	
33 61 13 13-0384	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,605.70	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0385	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,243.85	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.05*	
33 61 13 13-0386	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,028.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*34.57*	
33 61 13 13-0387	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,851.33	
		For High Density Polyethylene (HDPE) Jacket, Add	*45.76*	

33 61 13 13-0388 Tees *(33 61 13 13-0345)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0389	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	495.84	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.37*	
33 61 13 13-0390	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	514.29	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.54*	
33 61 13 13-0391	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	591.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.58*	
33 61 13 13-0392	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	666.34	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.36*	
33 61 13 13-0393	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	784.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.75*	
33 61 13 13-0394	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	941.90	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.14*	
33 61 13 13-0395	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,095.14	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.70*	
33 61 13 13-0396	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,278.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.65*	
33 61 13 13-0397	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,517.18	
		For High Density Polyethylene (HDPE) Jacket, Add	*17.55*	
33 61 13 13-0398	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,666.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.93*	
33 61 13 13-0399	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,332.06	
		For High Density Polyethylene (HDPE) Jacket, Add	*28.81*	
33 61 13 13-0400	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	3,141.03	
		For High Density Polyethylene (HDPE) Jacket, Add	*36.83*	
33 61 13 13-0401	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	4,000.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*48.74*	

33 61 13 13-0402 Reducers *(33 61 13 13-0287)*

33 61 13 13-0403 Reducers *(33 61 13 13-0402)*

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0404	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	244.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.36*	
33 61 13 13-0405	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	254.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.44*	
33 61 13 13-0406	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	293.19	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.91*	
33 61 13 13-0407	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	332.58	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.27*	
33 61 13 13-0408	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	401.01	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.45*	
33 61 13 13-0409	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	499.11	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.63*	
33 61 13 13-0410	EA	3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	575.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.34*	
33 61 13 13-0411	EA	4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	668.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.23*	
33 61 13 13-0412	EA	5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	782.97	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.01*	
33 61 13 13-0413	EA	6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	856.42	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.09*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0414	EA	8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,193.50	
		For High Density Polyethylene (HDPE) Jacket, Add	*13.15*	
33 61 13 13-0415	EA	10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,620.71	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.80*	
33 61 13 13-0416	EA	12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,047.04	
		For High Density Polyethylene (HDPE) Jacket, Add	*22.24*	

33 61 13 13-0417 Reducers *(33 61 13 13-0402)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0418	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	257.22	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.61*	
33 61 13 13-0419	EA	1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	267.35	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.70*	
33 61 13 13-0420	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	307.87	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.21*	
33 61 13 13-0421	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	348.59	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.59*	
33 61 13 13-0422	EA	2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	417.69	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.78*	
33 61 13 13-0423	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	516.46	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.97*	
33 61 13 13-0424	EA	3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	595.74	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.74*	
33 61 13 13-0425	EA	4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	691.91	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.69*	
33 61 13 13-0426	EA	5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	813.00	
		For High Density Polyethylene (HDPE) Jacket, Add	*8.61*	
33 61 13 13-0427	EA	6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	890.52	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.78*	
33 61 13 13-0428	EA	8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,242.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*14.13*	
33 61 13 13-0429	EA	10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,683.72	
		For High Density Polyethylene (HDPE) Jacket, Add	*18.06*	
33 61 13 13-0430	EA	12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,130.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*23.91*	

33 61 13 13-0431 Reducers *(33 61 13 13-0402)*

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0432	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	269.82	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.86*	
33 61 13 13-0433	EA	1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	280.25	
		For High Density Polyethylene (HDPE) Jacket, Add	*3.96*	
33 61 13 13-0434	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	322.55	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.50*	
33 61 13 13-0435	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	364.60	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.91*	
33 61 13 13-0436	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	434.37	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.12*	
33 61 13 13-0437	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	533.80	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.32*	
33 61 13 13-0438	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	615.76	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.14*	
33 61 13 13-0439	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	715.26	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.16*	
33 61 13 13-0440	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	843.02	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.21*	
33 61 13 13-0441	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	924.79	
		For High Density Polyethylene (HDPE) Jacket, Add	*10.46*	
33 61 13 13-0442	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,291.78	
		For High Density Polyethylene (HDPE) Jacket, Add	*15.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0443	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,746.44	
		For High Density Polyethylene (HDPE) Jacket, Add	*19.32*	
33 61 13 13-0444	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,214.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*25.58*	

33 61 13 13-0445 Reducers *(33 61 13 13-0402)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0446	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	282.43	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.12*	
33 61 13 13-0447	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	293.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.21*	
33 61 13 13-0448	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	337.23	
		For High Density Polyethylene (HDPE) Jacket, Add	*4.80*	
33 61 13 13-0449	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	380.62	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.23*	
33 61 13 13-0450	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	451.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.45*	
33 61 13 13-0451	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	551.15	
		For High Density Polyethylene (HDPE) Jacket, Add	*5.67*	
33 61 13 13-0452	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	635.77	
		For High Density Polyethylene (HDPE) Jacket, Add	*6.54*	
33 61 13 13-0453	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	738.61	
		For High Density Polyethylene (HDPE) Jacket, Add	*7.63*	
33 61 13 13-0454	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	873.05	
		For High Density Polyethylene (HDPE) Jacket, Add	*9.81*	
33 61 13 13-0455	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	958.89	
		For High Density Polyethylene (HDPE) Jacket, Add	*11.14*	
33 61 13 13-0456	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,341.08	
		For High Density Polyethylene (HDPE) Jacket, Add	*16.10*	
33 61 13 13-0457	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,809.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*20.58*	
33 61 13 13-0458	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,297.45	
		For High Density Polyethylene (HDPE) Jacket, Add	*27.24*	

33 61 13 13-0459 Preinsulated Ductile Iron Carrier Pipe *(33 61 13 13)*

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0460 Ductile Iron Carrier Pipe *(33 61 13 13-0459)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0461	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	144.32	
33 61 13 13-0462	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	211.37	
33 61 13 13-0463	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	286.60	
33 61 13 13-0464	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	364.89	
33 61 13 13-0465	LF	12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	453.13	

33 61 13 13-0466 Ductile Iron Carrier Pipe *(33 61 13 13-0459)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0467	LF	4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	153.98	
33 61 13 13-0468	LF	6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	225.71	
33 61 13 13-0469	LF	8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	307.48	
33 61 13 13-0470	LF	10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	392.45	
33 61 13 13-0471	LF	12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	487.50	
33 61 13 13-0472	LF	14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	533.84	
33 61 13 13-0473	LF	16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	602.42	
33 61 13 13-0474	LF	18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	679.06	
33 61 13 13-0475	LF	20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	748.06	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0476	LF	24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	887.68	

33 61 13 13-0477 Preinsulated Ductile Iron Fittings *(33 61 13 13)*

33 61 13 13-0478 Elbows *(33 61 13 13-0477)*

33 61 13 13-0479 Elbows *(33 61 13 13-0478)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0480	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,311.83	
33 61 13 13-0481	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,761.92	
33 61 13 13-0482	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,490.34	
33 61 13 13-0483	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,304.42	
33 61 13 13-0484	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,250.93	

33 61 13 13-0485 Elbows *(33 61 13 13-0478)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0486	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,431.15	
33 61 13 13-0487	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,936.17	
33 61 13 13-0488	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,742.25	
33 61 13 13-0489	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,626.40	
33 61 13 13-0490	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,677.08	
33 61 13 13-0491	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,695.63	
33 61 13 13-0492	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,746.79	
33 61 13 13-0493	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	8,425.22	
33 61 13 13-0494	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	10,678.17	
33 61 13 13-0495	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	13,775.10	

33 61 13 13-0496 Tees *(33 61 13 13-0477)*

33 61 13 13-0497 Tees *(33 61 13 13-0496)*

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0498	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,954.92	
33 61 13 13-0499	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,624.87	
33 61 13 13-0500	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,707.17	
33 61 13 13-0501	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,923.78	
33 61 13 13-0502	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,330.57	

33 61 13 13-0503 Tees *(33 61 13 13-0496)*

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0504	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,132.11	
33 61 13 13-0505	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,883.63	
33 61 13 13-0506	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,081.25	
33 61 13 13-0507	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,401.93	
33 61 13 13-0508	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,963.42	
33 61 13 13-0509	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	8,340.34	
33 61 13 13-0510	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	9,882.63	
33 61 13 13-0511	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	12,342.64	
33 61 13 13-0512	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	15,650.12	
33 61 13 13-0513	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	20,183.01	

33 61 13 13-0514 Reducers *(33 61 13 13-0477)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0515		**Reducers** *(33 61 13 13-0514)* Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0516	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,120.58	
33 61 13 13-0517	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,498.49	
33 61 13 13-0518	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,115.10	
33 61 13 13-0519	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,812.87	
33 61 13 13-0520	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,610.22	
33 61 13 13-0521		**Reducers** *(33 61 13 13-0514)* Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0522	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,219.62	
33 61 13 13-0523	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,643.11	
33 61 13 13-0524	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,324.18	
33 61 13 13-0525	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,080.12	
33 61 13 13-0526	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,963.93	
33 61 13 13-0527	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,742.28	
33 61 13 13-0528	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,612.43	
33 61 13 13-0529	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,969.43	
33 61 13 13-0530	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	8,888.15	
33 61 13 13-0531	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	11,490.16	
33 61 13 13-0532		**Tempered Water Piping Pre-Insulated** *(33 61 13 13)*		
33 61 13 13-0533		**Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation** *(33 61 13 13-0532)*		
33 61 13 13-0534	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	61.14	18.84
33 61 13 13-0535	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	75.56	21.41
33 61 13 13-0536	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	100.74	23.15
33 61 13 13-0537	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	135.00	28.93
33 61 13 13-0538	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation	172.03	35.69
33 61 13 13-0539		**Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation** *(33 61 13 13-0532)*		
33 61 13 13-0540	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	41.64	21.41
33 61 13 13-0541	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	44.76	21.41
33 61 13 13-0542	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	47.66	21.41
33 61 13 13-0543	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	57.29	25.30
33 61 13 13-0544	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	69.94	32.11
33 61 13 13-0545		**Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation** *(33 61 13 13-0532)*		
33 61 13 13-0546	LF	4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	41.64	21.41
33 61 13 13-0547	LF	6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	44.76	21.41
33 61 13 13-0548	LF	8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	47.66	21.41
33 61 13 13-0549	LF	10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	57.29	25.30
33 61 13 13-0550	LF	12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	69.94	32.11

33 70 Electrical Utilities *(33)*

33 71 Electrical Utility Transmission And Distribution *(33 70)*

33 71 19 Electrical Underground Ducts, Ductbanks and Manholes *(33 71)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 71 19 00-0001		**Electrical Handholes And Pull Boxes** *(33 71 19)*		
33 71 19 00-0002		**Electrical Pull Boxes** *(33 71 19 00-0001)* See CSI section 33 05 63 00-0427 for handholes.		
33 71 19 00-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	1,568.55	
33 71 19 00-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	1,871.78	
33 71 19 00-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	2,160.92	
33 71 19 00-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	3,327.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 00-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	3,541.53	
33 71 19 00-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	3,805.19	
33 71 19 00-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	4,375.34	
33 71 19 00-0010		**Electrical Pull Boxes (CALTRANS)** *(33 71 19 00-0001)*		
33 71 19 00-0011	EA	Body, CALTRANS 3-1/2 Precast Concrete Pull Box	98.65	
33 71 19 00-0012	EA	Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	35.67	
33 71 19 00-0013	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	56.54	
33 71 19 00-0014	EA	Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	111.35	
33 71 19 00-0015	EA	Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	168.17	
		For Galvanized Steel Cover, Add	*27.51*	
33 71 19 00-0016	EA	12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	47.80	
33 71 19 00-0017	EA	Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	47.80	
33 71 19 00-0018	EA	Body, CALTRANS 5 Precast Concrete Pull Box	142.43	
33 71 19 00-0019	EA	Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	46.43	
33 71 19 00-0020	EA	Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	67.30	
33 71 19 00-0021	EA	Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	220.62	
		For Galvanized Steel Cover, Add	*50.43*	
33 71 19 00-0022	EA	12" Extension, CALTRANS 5 Precast Concrete Pull Box	64.61	
33 71 19 00-0023	EA	Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	60.91	
33 71 19 00-0024	EA	Body, CALTRANS 6 Precast Concrete Pull Box	153.19	
33 71 19 00-0025	EA	Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	60.88	
33 71 19 00-0026	EA	Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	81.76	
33 71 19 00-0027	EA	Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	299.96	
		For Galvanized Steel Cover, Add	*70.61*	
33 71 19 00-0028	EA	12" Extension, CALTRANS 6 Precast Concrete Pull Box	75.37	
33 71 19 00-0029	EA	Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	71.34	
33 71 19 00-0030	EA	6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	95.54	
33 71 19 00-0031	EA	Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	197.16	
33 71 19 00-0032	EA	Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	263.65	
33 71 19 00-0033	EA	12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	88.82	
33 71 19 00-0034	EA	Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	82.09	
33 71 19 00-0035	EA	Body, CALTRANS 5-T Precast Concrete Pull Box	260.78	
33 71 19 00-0036	EA	Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	377.96	
33 71 19 00-0037	EA	12" Extension, CALTRANS 5-T Precast Concrete Pull Box	104.96	
33 71 19 00-0038	EA	Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	102.27	
33 71 19 00-0039	EA	Body, CALTRANS 6-T Precast Concrete Pull Box	358.95	
33 71 19 00-0040	EA	Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	525.90	
33 71 19 00-0041	EA	12" Extension, CALTRANS 6-T Precast Concrete Pull Box	172.20	
33 71 19 00-0042	EA	Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	135.89	
33 71 19 00-0043		**Electrical Property Line Boxes** *(33 71 19)*		
33 71 19 00-0044	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	3,020.48	332.69
33 71 19 00-0045	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	3,526.11	345.01
33 71 19 00-0046	EA	6' x 4' x 5' Deep Property Line Box	3,889.59	418.95
33 71 19 00-0047	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	5,942.43	616.09
33 71 19 00-0048		**Underground Electrical Concrete Markers** *(33 71 19)*		
33 71 19 00-0049	EA	36" x 6" x 6", Underground Electric Concrete Marker	299.83	
33 71 19 00-0050		**Manhole Accessories** *(33 71 19)*		
33 71 19 00-0051	EA	6" Precast Grade Ring Riser Casting	421.30	
33 71 19 00-0052	EA	12" Precast Grade Ring Riser Casting	456.24	
33 71 19 00-0053	EA	36" Opening Cast Iron Frame And Cover NEENAH #R-1640-D	1,638.88	
33 71 19 00-0054	EA	42" Opening Cast Iron Frame And Cover NEENAH #R-1740-E1	2,135.68	
33 71 19 00-0055	EA	Cast Iron Adjusting Ring NEENAH #R-1979	705.18	
33 71 19 00-0056	EA	Cast Iron Frame And Cover NEENAH #R-1640-B	891.35	

END OF SECTION 33

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 Process Interconnections

40 05 Common Work Results For Process Interconnections *(40)*

40 05 19 Ductile Iron Process Pipe *(40 05)*

40 05 19 00-0001 Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-2059 for bolts, 40 05 19 00-2074 for gaskets.

40 05 19 00-0002 Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0003 4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0004	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	461.16	176.07
		For Class 52 Rating, Deduct	*-21.38*	
		For Class 54 Rating, Add	*14.58*	
		For Class 55 Rating, Add	*32.41*	
40 05 19 00-0005	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	486.62	179.13
		For Class 52 Rating, Deduct	*-23.67*	
		For Class 54 Rating, Add	*16.14*	
		For Class 55 Rating, Add	*35.87*	
40 05 19 00-0006	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	512.09	182.21
		For Class 52 Rating, Deduct	*-25.96*	
		For Class 54 Rating, Add	*17.70*	
		For Class 55 Rating, Add	*39.34*	
40 05 19 00-0007	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	537.55	185.29
		For Class 52 Rating, Deduct	*-28.25*	
		For Class 54 Rating, Add	*19.26*	
		For Class 55 Rating, Add	*42.81*	
40 05 19 00-0008	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	563.01	188.37
		For Class 52 Rating, Deduct	*-30.54*	
		For Class 54 Rating, Add	*20.82*	
		For Class 55 Rating, Add	*46.28*	
40 05 19 00-0009	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	588.47	191.45
		For Class 52 Rating, Deduct	*-32.82*	
		For Class 54 Rating, Add	*22.38*	
		For Class 55 Rating, Add	*49.74*	
40 05 19 00-0010	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	613.94	194.53
		For Class 52 Rating, Deduct	*-35.11*	
		For Class 54 Rating, Add	*23.94*	
		For Class 55 Rating, Add	*53.21*	
40 05 19 00-0011	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	639.40	197.61
		For Class 52 Rating, Deduct	*-37.40*	
		For Class 54 Rating, Add	*25.50*	
		For Class 55 Rating, Add	*56.68*	
40 05 19 00-0012	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	664.87	200.69
		For Class 52 Rating, Deduct	*-39.69*	
		For Class 54 Rating, Add	*27.06*	
		For Class 55 Rating, Add	*60.15*	
40 05 19 00-0013	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	690.33	203.76
		For Class 52 Rating, Deduct	*-41.98*	
		For Class 54 Rating, Add	*28.62*	
		For Class 55 Rating, Add	*63.61*	
40 05 19 00-0014	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	715.80	206.84
		For Class 52 Rating, Deduct	*-44.26*	
		For Class 54 Rating, Add	*30.18*	
		For Class 55 Rating, Add	*67.08*	
40 05 19 00-0015	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	741.26	209.92
		For Class 52 Rating, Deduct	*-46.55*	
		For Class 54 Rating, Add	*31.74*	
		For Class 55 Rating, Add	*70.55*	
40 05 19 00-0016	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	766.72	213.00
		For Class 52 Rating, Deduct	*-48.84*	
		For Class 54 Rating, Add	*33.30*	
		For Class 55 Rating, Add	*74.01*	
40 05 19 00-0017	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	792.18	216.07
		For Class 52 Rating, Deduct	*-51.13*	
		For Class 54 Rating, Add	*34.86*	
		For Class 55 Rating, Add	*77.48*	
40 05 19 00-0018	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	817.65	219.15
		For Class 52 Rating, Deduct	*-53.42*	
		For Class 54 Rating, Add	*36.42*	
		For Class 55 Rating, Add	*80.95*	
40 05 19 00-0019	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	843.11	222.23
		For Class 52 Rating, Deduct	*-55.70*	
		For Class 54 Rating, Add	*37.98*	
		For Class 55 Rating, Add	*84.42*	
40 05 19 00-0020	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	868.58	225.31
		For Class 52 Rating, Deduct	*-57.99*	
		For Class 54 Rating, Add	*39.54*	
		For Class 55 Rating, Add	*87.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0021	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	894.04	228.38
		For Class 52 Rating, Deduct	*-60.28*	
		For Class 54 Rating, Add	*41.10*	
		For Class 55 Rating, Add	*91.35*	
40 05 19 00-0022	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	919.51	231.46
		For Class 52 Rating, Deduct	*-62.57*	
		For Class 54 Rating, Add	*42.66*	
		For Class 55 Rating, Add	*94.82*	
40 05 19 00-0023	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	944.97	234.54
		For Class 52 Rating, Deduct	*-64.86*	
		For Class 54 Rating, Add	*44.22*	
		For Class 55 Rating, Add	*98.29*	
40 05 19 00-0024	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	970.43	237.62
		For Class 52 Rating, Deduct	*-67.14*	
		For Class 54 Rating, Add	*45.78*	
		For Class 55 Rating, Add	*101.75*	
40 05 19 00-0025	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	995.89	240.70
		For Class 52 Rating, Deduct	*-69.43*	
		For Class 54 Rating, Add	*47.34*	
		For Class 55 Rating, Add	*105.22*	
40 05 19 00-0026	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,021.36	243.78
		For Class 52 Rating, Deduct	*-71.72*	
		For Class 54 Rating, Add	*48.90*	
		For Class 55 Rating, Add	*108.69*	
40 05 19 00-0027	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,046.82	246.86
		For Class 52 Rating, Deduct	*-74.01*	
		For Class 54 Rating, Add	*50.46*	
		For Class 55 Rating, Add	*112.16*	
40 05 19 00-0028	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,072.28	249.94
		For Class 52 Rating, Deduct	*-76.30*	
		For Class 54 Rating, Add	*52.02*	
		For Class 55 Rating, Add	*115.62*	
40 05 19 00-0029	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,097.75	253.02
		For Class 52 Rating, Deduct	*-78.58*	
		For Class 54 Rating, Add	*53.58*	
		For Class 55 Rating, Add	*119.09*	
40 05 19 00-0030	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,123.22	256.08
		For Class 52 Rating, Deduct	*-80.87*	
		For Class 54 Rating, Add	*55.14*	
		For Class 55 Rating, Add	*122.56*	
40 05 19 00-0031	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,148.68	259.16
		For Class 52 Rating, Deduct	*-83.16*	
		For Class 54 Rating, Add	*56.70*	
		For Class 55 Rating, Add	*126.03*	
40 05 19 00-0032	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,174.14	262.24
		For Class 52 Rating, Deduct	*-85.45*	
		For Class 54 Rating, Add	*58.26*	
		For Class 55 Rating, Add	*129.49*	
40 05 19 00-0033	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,199.60	265.32
		For Class 52 Rating, Deduct	*-87.74*	
		For Class 54 Rating, Add	*59.82*	
		For Class 55 Rating, Add	*132.96*	
40 05 19 00-0034	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,225.07	268.40
		For Class 52 Rating, Deduct	*-90.02*	
		For Class 54 Rating, Add	*61.38*	
		For Class 55 Rating, Add	*136.43*	
40 05 19 00-0035	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,250.53	271.48
		For Class 52 Rating, Deduct	*-92.31*	
		For Class 54 Rating, Add	*62.94*	
		For Class 55 Rating, Add	*139.89*	
40 05 19 00-0036	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,275.99	274.56
		For Class 52 Rating, Deduct	*-94.60*	
		For Class 54 Rating, Add	*64.50*	
		For Class 55 Rating, Add	*143.36*	
40 05 19 00-0037	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,301.46	277.64
		For Class 52 Rating, Deduct	*-96.89*	
		For Class 54 Rating, Add	*66.06*	
		For Class 55 Rating, Add	*146.83*	
40 05 19 00-0038	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,326.92	280.71
		For Class 52 Rating, Deduct	*-99.18*	
		For Class 54 Rating, Add	*67.62*	
		For Class 55 Rating, Add	*150.30*	
40 05 19 00-0039	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,352.39	283.79
		For Class 52 Rating, Deduct	*-101.46*	
		For Class 54 Rating, Add	*69.18*	
		For Class 55 Rating, Add	*153.76*	
40 05 19 00-0040	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,377.85	286.87
		For Class 52 Rating, Deduct	*-103.75*	
		For Class 54 Rating, Add	*70.74*	
		For Class 55 Rating, Add	*157.23*	
40 05 19 00-0041	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,403.31	289.95
		For Class 52 Rating, Deduct	*-106.04*	
		For Class 54 Rating, Add	*72.30*	
		For Class 55 Rating, Add	*160.70*	
40 05 19 00-0042	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,428.77	293.02
		For Class 52 Rating, Deduct	*-108.33*	
		For Class 54 Rating, Add	*73.86*	
		For Class 55 Rating, Add	*164.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0043		6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0044	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	582.98	221.61
		For Class 52 Rating, Deduct	*-27.19*	
		For Class 54 Rating, Add	*18.54*	
		For Class 55 Rating, Add	*41.21*	
40 05 19 00-0045	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	613.25	224.69
		For Class 52 Rating, Deduct	*-30.01*	
		For Class 54 Rating, Add	*20.46*	
		For Class 55 Rating, Add	*45.48*	
40 05 19 00-0046	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	643.51	227.77
		For Class 52 Rating, Deduct	*-32.82*	
		For Class 54 Rating, Add	*22.38*	
		For Class 55 Rating, Add	*49.74*	
40 05 19 00-0047	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	673.77	230.85
		For Class 52 Rating, Deduct	*-35.64*	
		For Class 54 Rating, Add	*24.30*	
		For Class 55 Rating, Add	*54.01*	
40 05 19 00-0048	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	704.03	233.93
		For Class 52 Rating, Deduct	*-38.46*	
		For Class 54 Rating, Add	*26.22*	
		For Class 55 Rating, Add	*58.28*	
40 05 19 00-0049	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	734.30	237.01
		For Class 52 Rating, Deduct	*-41.27*	
		For Class 54 Rating, Add	*28.14*	
		For Class 55 Rating, Add	*62.55*	
40 05 19 00-0050	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	764.56	240.09
		For Class 52 Rating, Deduct	*-44.09*	
		For Class 54 Rating, Add	*30.06*	
		For Class 55 Rating, Add	*66.81*	
40 05 19 00-0051	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	794.82	243.16
		For Class 52 Rating, Deduct	*-46.90*	
		For Class 54 Rating, Add	*31.98*	
		For Class 55 Rating, Add	*71.08*	
40 05 19 00-0052	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	825.09	246.23
		For Class 52 Rating, Deduct	*-49.72*	
		For Class 54 Rating, Add	*33.90*	
		For Class 55 Rating, Add	*75.35*	
40 05 19 00-0053	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	855.36	249.31
		For Class 52 Rating, Deduct	*-52.54*	
		For Class 54 Rating, Add	*35.82*	
		For Class 55 Rating, Add	*79.62*	
40 05 19 00-0054	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	885.62	252.39
		For Class 52 Rating, Deduct	*-55.35*	
		For Class 54 Rating, Add	*37.74*	
		For Class 55 Rating, Add	*83.88*	
40 05 19 00-0055	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	915.88	255.47
		For Class 52 Rating, Deduct	*-58.17*	
		For Class 54 Rating, Add	*39.66*	
		For Class 55 Rating, Add	*88.15*	
40 05 19 00-0056	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	946.14	258.55
		For Class 52 Rating, Deduct	*-60.98*	
		For Class 54 Rating, Add	*41.58*	
		For Class 55 Rating, Add	*92.42*	
40 05 19 00-0057	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	976.41	261.63
		For Class 52 Rating, Deduct	*-63.80*	
		For Class 54 Rating, Add	*43.50*	
		For Class 55 Rating, Add	*96.69*	
40 05 19 00-0058	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,006.67	264.71
		For Class 52 Rating, Deduct	*-66.62*	
		For Class 54 Rating, Add	*45.42*	
		For Class 55 Rating, Add	*100.95*	
40 05 19 00-0059	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,036.93	267.79
		For Class 52 Rating, Deduct	*-69.43*	
		For Class 54 Rating, Add	*47.34*	
		For Class 55 Rating, Add	*105.22*	
40 05 19 00-0060	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,067.19	270.86
		For Class 52 Rating, Deduct	*-72.25*	
		For Class 54 Rating, Add	*49.26*	
		For Class 55 Rating, Add	*109.49*	
40 05 19 00-0061	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,097.47	273.94
		For Class 52 Rating, Deduct	*-75.06*	
		For Class 54 Rating, Add	*51.18*	
		For Class 55 Rating, Add	*113.76*	
40 05 19 00-0062	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,127.73	277.02
		For Class 52 Rating, Deduct	*-77.88*	
		For Class 54 Rating, Add	*53.10*	
		For Class 55 Rating, Add	*118.02*	
40 05 19 00-0063	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,157.99	280.10
		For Class 52 Rating, Deduct	*-80.70*	
		For Class 54 Rating, Add	*55.02*	
		For Class 55 Rating, Add	*122.29*	
40 05 19 00-0064	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,188.25	283.18
		For Class 52 Rating, Deduct	*-83.51*	
		For Class 54 Rating, Add	*56.94*	
		For Class 55 Rating, Add	*126.56*	
40 05 19 00-0065	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,218.52	286.25
		For Class 52 Rating, Deduct	*-86.33*	
		For Class 54 Rating, Add	*58.86*	
		For Class 55 Rating, Add	*130.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0066	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,248.78	289.33
		For Class 52 Rating, Deduct	*-89.14*	
		For Class 54 Rating, Add	*60.78*	
		For Class 55 Rating, Add	*135.09*	
40 05 19 00-0067	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,279.04	292.41
		For Class 52 Rating, Deduct	*-91.96*	
		For Class 54 Rating, Add	*62.70*	
		For Class 55 Rating, Add	*139.36*	
40 05 19 00-0068	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,309.30	295.48
		For Class 52 Rating, Deduct	*-94.78*	
		For Class 54 Rating, Add	*64.62*	
		For Class 55 Rating, Add	*143.63*	
40 05 19 00-0069	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,339.57	298.56
		For Class 52 Rating, Deduct	*-97.59*	
		For Class 54 Rating, Add	*66.54*	
		For Class 55 Rating, Add	*147.90*	
40 05 19 00-0070	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,369.84	301.64
		For Class 52 Rating, Deduct	*-100.41*	
		For Class 54 Rating, Add	*68.46*	
		For Class 55 Rating, Add	*152.16*	
40 05 19 00-0071	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,400.10	304.72
		For Class 52 Rating, Deduct	*-103.22*	
		For Class 54 Rating, Add	*70.38*	
		For Class 55 Rating, Add	*156.43*	
40 05 19 00-0072	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,430.36	307.80
		For Class 52 Rating, Deduct	*-106.04*	
		For Class 54 Rating, Add	*72.30*	
		For Class 55 Rating, Add	*160.70*	
40 05 19 00-0073	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,460.62	310.88
		For Class 52 Rating, Deduct	*-108.86*	
		For Class 54 Rating, Add	*74.22*	
		For Class 55 Rating, Add	*164.97*	
40 05 19 00-0074	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,490.89	313.96
		For Class 52 Rating, Deduct	*-111.67*	
		For Class 54 Rating, Add	*76.14*	
		For Class 55 Rating, Add	*169.23*	
40 05 19 00-0075	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,521.15	317.04
		For Class 52 Rating, Deduct	*-114.49*	
		For Class 54 Rating, Add	*78.06*	
		For Class 55 Rating, Add	*173.50*	
40 05 19 00-0076	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,551.41	320.11
		For Class 52 Rating, Deduct	*-117.30*	
		For Class 54 Rating, Add	*79.98*	
		For Class 55 Rating, Add	*177.77*	
40 05 19 00-0077	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,581.68	323.18
		For Class 52 Rating, Deduct	*-120.12*	
		For Class 54 Rating, Add	*81.90*	
		For Class 55 Rating, Add	*182.04*	
40 05 19 00-0078	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,611.95	326.26
		For Class 52 Rating, Deduct	*-122.94*	
		For Class 54 Rating, Add	*83.82*	
		For Class 55 Rating, Add	*186.30*	
40 05 19 00-0079	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,642.21	329.34
		For Class 52 Rating, Deduct	*-125.75*	
		For Class 54 Rating, Add	*85.74*	
		For Class 55 Rating, Add	*190.57*	
40 05 19 00-0080	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,672.47	332.42
		For Class 52 Rating, Deduct	*-128.57*	
		For Class 54 Rating, Add	*87.66*	
		For Class 55 Rating, Add	*194.84*	
40 05 19 00-0081	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,702.73	335.50
		For Class 52 Rating, Deduct	*-131.38*	
		For Class 54 Rating, Add	*89.58*	
		For Class 55 Rating, Add	*199.11*	
40 05 19 00-0082	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,733.00	338.58
		For Class 52 Rating, Deduct	*-134.20*	
		For Class 54 Rating, Add	*91.50*	
		For Class 55 Rating, Add	*203.37*	

40 05 19 00-0083 8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0084	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	793.05	283.18
		For Class 52 Rating, Deduct	*-40.04*	
		For Class 54 Rating, Add	*27.30*	
		For Class 55 Rating, Add	*60.68*	
40 05 19 00-0085	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	832.92	286.25
		For Class 52 Rating, Deduct	*-43.91*	
		For Class 54 Rating, Add	*29.94*	
		For Class 55 Rating, Add	*66.55*	
40 05 19 00-0086	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	872.78	289.33
		For Class 52 Rating, Deduct	*-47.78*	
		For Class 54 Rating, Add	*32.58*	
		For Class 55 Rating, Add	*72.41*	
40 05 19 00-0087	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	912.64	292.41
		For Class 52 Rating, Deduct	*-51.66*	
		For Class 54 Rating, Add	*35.22*	
		For Class 55 Rating, Add	*78.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0088	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	952.50	295.48
		For Class 52 Rating, Deduct	*-55.53*	
		For Class 54 Rating, Add	*37.86*	
		For Class 55 Rating, Add	*84.15*	
40 05 19 00-0089	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	992.37	298.56
		For Class 52 Rating, Deduct	*-59.40*	
		For Class 54 Rating, Add	*40.50*	
		For Class 55 Rating, Add	*90.02*	
40 05 19 00-0090	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,032.24	301.64
		For Class 52 Rating, Deduct	*-63.27*	
		For Class 54 Rating, Add	*43.14*	
		For Class 55 Rating, Add	*95.89*	
40 05 19 00-0091	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,072.10	304.72
		For Class 52 Rating, Deduct	*-67.14*	
		For Class 54 Rating, Add	*45.78*	
		For Class 55 Rating, Add	*101.75*	
40 05 19 00-0092	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,111.96	307.80
		For Class 52 Rating, Deduct	*-71.02*	
		For Class 54 Rating, Add	*48.42*	
		For Class 55 Rating, Add	*107.62*	
40 05 19 00-0093	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,151.82	310.88
		For Class 52 Rating, Deduct	*-74.89*	
		For Class 54 Rating, Add	*51.06*	
		For Class 55 Rating, Add	*113.49*	
40 05 19 00-0094	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,191.69	313.96
		For Class 52 Rating, Deduct	*-78.76*	
		For Class 54 Rating, Add	*53.70*	
		For Class 55 Rating, Add	*119.36*	
40 05 19 00-0095	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,231.55	317.04
		For Class 52 Rating, Deduct	*-82.63*	
		For Class 54 Rating, Add	*56.34*	
		For Class 55 Rating, Add	*125.23*	
40 05 19 00-0096	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,271.41	320.11
		For Class 52 Rating, Deduct	*-86.50*	
		For Class 54 Rating, Add	*58.98*	
		For Class 55 Rating, Add	*131.09*	
40 05 19 00-0097	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,311.28	323.18
		For Class 52 Rating, Deduct	*-90.38*	
		For Class 54 Rating, Add	*61.62*	
		For Class 55 Rating, Add	*136.96*	
40 05 19 00-0098	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,351.15	326.26
		For Class 52 Rating, Deduct	*-94.25*	
		For Class 54 Rating, Add	*64.26*	
		For Class 55 Rating, Add	*142.83*	
40 05 19 00-0099	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,391.01	329.34
		For Class 52 Rating, Deduct	*-98.12*	
		For Class 54 Rating, Add	*66.90*	
		For Class 55 Rating, Add	*148.70*	
40 05 19 00-0100	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,430.87	332.42
		For Class 52 Rating, Deduct	*-101.99*	
		For Class 54 Rating, Add	*69.54*	
		For Class 55 Rating, Add	*154.56*	
40 05 19 00-0101	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,470.73	335.50
		For Class 52 Rating, Deduct	*-105.86*	
		For Class 54 Rating, Add	*72.18*	
		For Class 55 Rating, Add	*160.43*	
40 05 19 00-0102	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,510.60	338.58
		For Class 52 Rating, Deduct	*-109.74*	
		For Class 54 Rating, Add	*74.82*	
		For Class 55 Rating, Add	*166.30*	
40 05 19 00-0103	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,550.46	341.66
		For Class 52 Rating, Deduct	*-113.61*	
		For Class 54 Rating, Add	*77.46*	
		For Class 55 Rating, Add	*172.17*	
40 05 19 00-0104	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,590.32	344.74
		For Class 52 Rating, Deduct	*-117.48*	
		For Class 54 Rating, Add	*80.10*	
		For Class 55 Rating, Add	*178.04*	
40 05 19 00-0105	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,630.18	347.81
		For Class 52 Rating, Deduct	*-121.35*	
		For Class 54 Rating, Add	*82.74*	
		For Class 55 Rating, Add	*183.90*	
40 05 19 00-0106	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,670.06	350.89
		For Class 52 Rating, Deduct	*-125.22*	
		For Class 54 Rating, Add	*85.38*	
		For Class 55 Rating, Add	*189.77*	
40 05 19 00-0107	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,709.92	353.97
		For Class 52 Rating, Deduct	*-129.10*	
		For Class 54 Rating, Add	*88.02*	
		For Class 55 Rating, Add	*195.64*	
40 05 19 00-0108	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,749.78	357.05
		For Class 52 Rating, Deduct	*-132.97*	
		For Class 54 Rating, Add	*90.66*	
		For Class 55 Rating, Add	*201.51*	
40 05 19 00-0109	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,789.64	360.12
		For Class 52 Rating, Deduct	*-136.84*	
		For Class 54 Rating, Add	*93.30*	
		For Class 55 Rating, Add	*207.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0110	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,829.51	363.20
		For Class 52 Rating, Deduct	*-140.71*	
		For Class 54 Rating, Add	*95.94*	
		For Class 55 Rating, Add	*213.24*	
40 05 19 00-0111	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,869.37	366.28
		For Class 52 Rating, Deduct	*-144.58*	
		For Class 54 Rating, Add	*98.58*	
		For Class 55 Rating, Add	*219.11*	
40 05 19 00-0112	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,909.23	369.36
		For Class 52 Rating, Deduct	*-148.46*	
		For Class 54 Rating, Add	*101.22*	
		For Class 55 Rating, Add	*224.98*	
40 05 19 00-0113	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,949.09	372.43
		For Class 52 Rating, Deduct	*-152.33*	
		For Class 54 Rating, Add	*103.86*	
		For Class 55 Rating, Add	*230.85*	
40 05 19 00-0114	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,988.97	375.51
		For Class 52 Rating, Deduct	*-156.20*	
		For Class 54 Rating, Add	*106.50*	
		For Class 55 Rating, Add	*236.71*	
40 05 19 00-0115	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,028.83	378.59
		For Class 52 Rating, Deduct	*-160.07*	
		For Class 54 Rating, Add	*109.14*	
		For Class 55 Rating, Add	*242.58*	
40 05 19 00-0116	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,068.69	381.67
		For Class 52 Rating, Deduct	*-163.94*	
		For Class 54 Rating, Add	*111.78*	
		For Class 55 Rating, Add	*248.45*	
40 05 19 00-0117	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,108.55	384.75
		For Class 52 Rating, Deduct	*-167.82*	
		For Class 54 Rating, Add	*114.42*	
		For Class 55 Rating, Add	*254.32*	
40 05 19 00-0118	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,148.41	387.83
		For Class 52 Rating, Deduct	*-171.69*	
		For Class 54 Rating, Add	*117.06*	
		For Class 55 Rating, Add	*260.19*	
40 05 19 00-0119	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,188.28	390.91
		For Class 52 Rating, Deduct	*-175.56*	
		For Class 54 Rating, Add	*119.70*	
		For Class 55 Rating, Add	*266.05*	
40 05 19 00-0120	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,228.14	393.99
		For Class 52 Rating, Deduct	*-179.43*	
		For Class 54 Rating, Add	*122.34*	
		For Class 55 Rating, Add	*271.92*	
40 05 19 00-0121	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,268.00	397.06
		For Class 52 Rating, Deduct	*-183.30*	
		For Class 54 Rating, Add	*124.98*	
		For Class 55 Rating, Add	*277.79*	
40 05 19 00-0122	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,307.86	400.13
		For Class 52 Rating, Deduct	*-187.18*	
		For Class 54 Rating, Add	*127.62*	
		For Class 55 Rating, Add	*283.66*	

40 05 19 00-0123 10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0124	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	989.52	344.74
		For Class 52 Rating, Deduct	*-51.39*	
		For Class 54 Rating, Add	*35.04*	
		For Class 55 Rating, Add	*77.88*	
40 05 19 00-0125	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,040.58	347.81
		For Class 52 Rating, Deduct	*-56.50*	
		For Class 54 Rating, Add	*38.52*	
		For Class 55 Rating, Add	*85.62*	
40 05 19 00-0126	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,091.66	350.89
		For Class 52 Rating, Deduct	*-61.60*	
		For Class 54 Rating, Add	*42.00*	
		For Class 55 Rating, Add	*93.35*	
40 05 19 00-0127	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,142.72	353.97
		For Class 52 Rating, Deduct	*-66.70*	
		For Class 54 Rating, Add	*45.48*	
		For Class 55 Rating, Add	*101.09*	
40 05 19 00-0128	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,193.78	357.05
		For Class 52 Rating, Deduct	*-71.81*	
		For Class 54 Rating, Add	*48.96*	
		For Class 55 Rating, Add	*108.82*	
40 05 19 00-0129	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,244.84	360.12
		For Class 52 Rating, Deduct	*-76.91*	
		For Class 54 Rating, Add	*52.44*	
		For Class 55 Rating, Add	*116.56*	
40 05 19 00-0130	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,295.91	363.20
		For Class 52 Rating, Deduct	*-82.02*	
		For Class 54 Rating, Add	*55.92*	
		For Class 55 Rating, Add	*124.29*	
40 05 19 00-0131	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,346.97	366.28
		For Class 52 Rating, Deduct	*-87.12*	
		For Class 54 Rating, Add	*59.40*	
		For Class 55 Rating, Add	*132.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0132	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,398.03	369.36
		For Class 52 Rating, Deduct	*-92.22*	
		For Class 54 Rating, Add	*62.88*	
		For Class 55 Rating, Add	*139.76*	
40 05 19 00-0133	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,449.09	372.43
		For Class 52 Rating, Deduct	*-97.33*	
		For Class 54 Rating, Add	*66.36*	
		For Class 55 Rating, Add	*147.50*	
40 05 19 00-0134	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,500.17	375.51
		For Class 52 Rating, Deduct	*-102.43*	
		For Class 54 Rating, Add	*69.84*	
		For Class 55 Rating, Add	*155.23*	
40 05 19 00-0135	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,551.23	378.59
		For Class 52 Rating, Deduct	*-107.54*	
		For Class 54 Rating, Add	*73.32*	
		For Class 55 Rating, Add	*162.97*	
40 05 19 00-0136	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,602.29	381.67
		For Class 52 Rating, Deduct	*-112.64*	
		For Class 54 Rating, Add	*76.80*	
		For Class 55 Rating, Add	*170.70*	
40 05 19 00-0137	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,653.35	384.75
		For Class 52 Rating, Deduct	*-117.74*	
		For Class 54 Rating, Add	*80.28*	
		For Class 55 Rating, Add	*178.44*	
40 05 19 00-0138	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,704.41	387.83
		For Class 52 Rating, Deduct	*-122.85*	
		For Class 54 Rating, Add	*83.76*	
		For Class 55 Rating, Add	*186.17*	
40 05 19 00-0139	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,755.48	390.91
		For Class 52 Rating, Deduct	*-127.95*	
		For Class 54 Rating, Add	*87.24*	
		For Class 55 Rating, Add	*193.91*	
40 05 19 00-0140	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,806.54	393.99
		For Class 52 Rating, Deduct	*-133.06*	
		For Class 54 Rating, Add	*90.72*	
		For Class 55 Rating, Add	*201.64*	
40 05 19 00-0141	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,857.60	397.06
		For Class 52 Rating, Deduct	*-138.16*	
		For Class 54 Rating, Add	*94.20*	
		For Class 55 Rating, Add	*209.38*	
40 05 19 00-0142	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,908.66	400.13
		For Class 52 Rating, Deduct	*-143.26*	
		For Class 54 Rating, Add	*97.68*	
		For Class 55 Rating, Add	*217.11*	
40 05 19 00-0143	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,959.74	403.21
		For Class 52 Rating, Deduct	*-148.37*	
		For Class 54 Rating, Add	*101.16*	
		For Class 55 Rating, Add	*224.84*	
40 05 19 00-0144	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,010.80	406.29
		For Class 52 Rating, Deduct	*-153.47*	
		For Class 54 Rating, Add	*104.64*	
		For Class 55 Rating, Add	*232.58*	
40 05 19 00-0145	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,061.86	409.37
		For Class 52 Rating, Deduct	*-158.58*	
		For Class 54 Rating, Add	*108.12*	
		For Class 55 Rating, Add	*240.31*	
40 05 19 00-0146	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,112.92	412.45
		For Class 52 Rating, Deduct	*-163.68*	
		For Class 54 Rating, Add	*111.60*	
		For Class 55 Rating, Add	*248.05*	
40 05 19 00-0147	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,163.99	415.53
		For Class 52 Rating, Deduct	*-168.78*	
		For Class 54 Rating, Add	*115.08*	
		For Class 55 Rating, Add	*255.78*	
40 05 19 00-0148	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,215.05	418.61
		For Class 52 Rating, Deduct	*-173.89*	
		For Class 54 Rating, Add	*118.56*	
		For Class 55 Rating, Add	*263.52*	
40 05 19 00-0149	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,266.11	421.69
		For Class 52 Rating, Deduct	*-178.99*	
		For Class 54 Rating, Add	*122.04*	
		For Class 55 Rating, Add	*271.25*	
40 05 19 00-0150	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,317.17	424.76
		For Class 52 Rating, Deduct	*-184.10*	
		For Class 54 Rating, Add	*125.52*	
		For Class 55 Rating, Add	*278.99*	
40 05 19 00-0151	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,368.25	427.84
		For Class 52 Rating, Deduct	*-189.20*	
		For Class 54 Rating, Add	*129.00*	
		For Class 55 Rating, Add	*286.72*	
40 05 19 00-0152	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,419.31	430.92
		For Class 52 Rating, Deduct	*-194.30*	
		For Class 54 Rating, Add	*132.48*	
		For Class 55 Rating, Add	*294.46*	
40 05 19 00-0153	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,470.37	434.00
		For Class 52 Rating, Deduct	*-199.41*	
		For Class 54 Rating, Add	*135.96*	
		For Class 55 Rating, Add	*302.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0154	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,521.43	437.07
		For Class 52 Rating, Deduct	*-204.51*	
		For Class 54 Rating, Add	*139.44*	
		For Class 55 Rating, Add	*309.93*	
40 05 19 00-0155	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,571.70	440.15
		For Class 52 Rating, Deduct	*-209.53*	
		For Class 54 Rating, Add	*142.86*	
		For Class 55 Rating, Add	*317.53*	
40 05 19 00-0156	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,623.56	443.23
		For Class 52 Rating, Deduct	*-214.72*	
		For Class 54 Rating, Add	*146.40*	
		For Class 55 Rating, Add	*325.40*	
40 05 19 00-0157	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,674.62	446.31
		For Class 52 Rating, Deduct	*-219.82*	
		For Class 54 Rating, Add	*149.88*	
		For Class 55 Rating, Add	*333.13*	
40 05 19 00-0158	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,725.68	449.38
		For Class 52 Rating, Deduct	*-224.93*	
		For Class 54 Rating, Add	*153.36*	
		For Class 55 Rating, Add	*340.87*	
40 05 19 00-0159	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,776.76	452.46
		For Class 52 Rating, Deduct	*-230.03*	
		For Class 54 Rating, Add	*156.84*	
		For Class 55 Rating, Add	*348.60*	
40 05 19 00-0160	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,827.82	455.54
		For Class 52 Rating, Deduct	*-235.14*	
		For Class 54 Rating, Add	*160.32*	
		For Class 55 Rating, Add	*356.34*	
40 05 19 00-0161	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,878.88	458.62
		For Class 52 Rating, Deduct	*-240.24*	
		For Class 54 Rating, Add	*163.80*	
		For Class 55 Rating, Add	*364.07*	
40 05 19 00-0162	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,929.94	461.70
		For Class 52 Rating, Deduct	*-245.34*	
		For Class 54 Rating, Add	*167.28*	
		For Class 55 Rating, Add	*371.81*	

40 05 19 00-0163 12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0164	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,278.51	430.92
		For Class 52 Rating, Deduct	*-68.82*	
		For Class 54 Rating, Add	*46.92*	
		For Class 55 Rating, Add	*104.29*	
40 05 19 00-0165	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,341.57	434.00
		For Class 52 Rating, Deduct	*-75.24*	
		For Class 54 Rating, Add	*51.30*	
		For Class 55 Rating, Add	*114.02*	
40 05 19 00-0166	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,404.63	437.07
		For Class 52 Rating, Deduct	*-81.66*	
		For Class 54 Rating, Add	*55.68*	
		For Class 55 Rating, Add	*123.76*	
40 05 19 00-0167	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,467.70	440.15
		For Class 52 Rating, Deduct	*-88.09*	
		For Class 54 Rating, Add	*60.06*	
		For Class 55 Rating, Add	*133.49*	
40 05 19 00-0168	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,530.76	443.23
		For Class 52 Rating, Deduct	*-94.51*	
		For Class 54 Rating, Add	*64.44*	
		For Class 55 Rating, Add	*143.23*	
40 05 19 00-0169	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,593.82	446.31
		For Class 52 Rating, Deduct	*-100.94*	
		For Class 54 Rating, Add	*68.82*	
		For Class 55 Rating, Add	*152.96*	
40 05 19 00-0170	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,656.88	449.38
		For Class 52 Rating, Deduct	*-107.36*	
		For Class 54 Rating, Add	*73.20*	
		For Class 55 Rating, Add	*162.70*	
40 05 19 00-0171	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,719.96	452.46
		For Class 52 Rating, Deduct	*-113.78*	
		For Class 54 Rating, Add	*77.58*	
		For Class 55 Rating, Add	*172.43*	
40 05 19 00-0172	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,783.02	455.54
		For Class 52 Rating, Deduct	*-120.21*	
		For Class 54 Rating, Add	*81.96*	
		For Class 55 Rating, Add	*182.17*	
40 05 19 00-0173	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,846.08	458.62
		For Class 52 Rating, Deduct	*-126.63*	
		For Class 54 Rating, Add	*86.34*	
		For Class 55 Rating, Add	*191.91*	
40 05 19 00-0174	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,909.14	461.70
		For Class 52 Rating, Deduct	*-133.06*	
		For Class 54 Rating, Add	*90.72*	
		For Class 55 Rating, Add	*201.64*	
40 05 19 00-0175	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,972.21	464.78
		For Class 52 Rating, Deduct	*-139.48*	
		For Class 54 Rating, Add	*95.10*	
		For Class 55 Rating, Add	*211.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0176	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,035.27	467.86
		For Class 52 Rating, Deduct	*-145.90*	
		For Class 54 Rating, Add	*99.48*	
		For Class 55 Rating, Add	*221.11*	
40 05 19 00-0177	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,098.33	470.94
		For Class 52 Rating, Deduct	*-152.33*	
		For Class 54 Rating, Add	*103.86*	
		For Class 55 Rating, Add	*230.85*	
40 05 19 00-0178	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,161.39	474.00
		For Class 52 Rating, Deduct	*-158.75*	
		For Class 54 Rating, Add	*108.24*	
		For Class 55 Rating, Add	*240.58*	
40 05 19 00-0179	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,224.46	477.08
		For Class 52 Rating, Deduct	*-165.18*	
		For Class 54 Rating, Add	*112.62*	
		For Class 55 Rating, Add	*250.32*	
40 05 19 00-0180	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,287.53	480.16
		For Class 52 Rating, Deduct	*-171.60*	
		For Class 54 Rating, Add	*117.00*	
		For Class 55 Rating, Add	*260.05*	
40 05 19 00-0181	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,350.59	483.24
		For Class 52 Rating, Deduct	*-178.02*	
		For Class 54 Rating, Add	*121.38*	
		For Class 55 Rating, Add	*269.79*	
40 05 19 00-0182	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,413.65	486.32
		For Class 52 Rating, Deduct	*-184.45*	
		For Class 54 Rating, Add	*125.76*	
		For Class 55 Rating, Add	*279.52*	
40 05 19 00-0183	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,476.71	489.40
		For Class 52 Rating, Deduct	*-190.87*	
		For Class 54 Rating, Add	*130.14*	
		For Class 55 Rating, Add	*289.26*	
40 05 19 00-0184	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,539.78	492.48
		For Class 52 Rating, Deduct	*-197.30*	
		For Class 54 Rating, Add	*134.52*	
		For Class 55 Rating, Add	*298.99*	
40 05 19 00-0185	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,602.84	495.56
		For Class 52 Rating, Deduct	*-203.72*	
		For Class 54 Rating, Add	*138.90*	
		For Class 55 Rating, Add	*308.73*	
40 05 19 00-0186	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,665.90	498.64
		For Class 52 Rating, Deduct	*-210.14*	
		For Class 54 Rating, Add	*143.28*	
		For Class 55 Rating, Add	*318.46*	
40 05 19 00-0187	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,728.96	501.71
		For Class 52 Rating, Deduct	*-216.57*	
		For Class 54 Rating, Add	*147.66*	
		For Class 55 Rating, Add	*328.20*	
40 05 19 00-0188	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,792.04	504.79
		For Class 52 Rating, Deduct	*-222.99*	
		For Class 54 Rating, Add	*152.04*	
		For Class 55 Rating, Add	*337.93*	
40 05 19 00-0189	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,855.10	507.87
		For Class 52 Rating, Deduct	*-229.42*	
		For Class 54 Rating, Add	*156.42*	
		For Class 55 Rating, Add	*347.67*	
40 05 19 00-0190	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,918.16	510.94
		For Class 52 Rating, Deduct	*-235.84*	
		For Class 54 Rating, Add	*160.80*	
		For Class 55 Rating, Add	*357.40*	
40 05 19 00-0191	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,981.22	514.02
		For Class 52 Rating, Deduct	*-242.26*	
		For Class 54 Rating, Add	*165.18*	
		For Class 55 Rating, Add	*367.14*	
40 05 19 00-0192	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,044.29	517.10
		For Class 52 Rating, Deduct	*-248.69*	
		For Class 54 Rating, Add	*169.56*	
		For Class 55 Rating, Add	*376.88*	
40 05 19 00-0193	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,107.35	520.18
		For Class 52 Rating, Deduct	*-255.11*	
		For Class 54 Rating, Add	*173.94*	
		For Class 55 Rating, Add	*386.61*	
40 05 19 00-0194	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,170.41	523.26
		For Class 52 Rating, Deduct	*-261.54*	
		For Class 54 Rating, Add	*178.32*	
		For Class 55 Rating, Add	*396.35*	
40 05 19 00-0195	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,233.47	526.33
		For Class 52 Rating, Deduct	*-267.96*	
		For Class 54 Rating, Add	*182.70*	
		For Class 55 Rating, Add	*406.08*	
40 05 19 00-0196	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,296.54	529.41
		For Class 52 Rating, Deduct	*-274.38*	
		For Class 54 Rating, Add	*187.08*	
		For Class 55 Rating, Add	*415.82*	
40 05 19 00-0197	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,359.61	532.49
		For Class 52 Rating, Deduct	*-280.81*	
		For Class 54 Rating, Add	*191.46*	
		For Class 55 Rating, Add	*425.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0198	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,422.67	535.57
		For Class 52 Rating, Deduct	*-287.23*	
		For Class 54 Rating, Add	*195.84*	
		For Class 55 Rating, Add	*435.29*	
40 05 19 00-0199	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,485.73	538.65
		For Class 52 Rating, Deduct	*-293.66*	
		For Class 54 Rating, Add	*200.22*	
		For Class 55 Rating, Add	*445.02*	
40 05 19 00-0200	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,548.80	541.73
		For Class 52 Rating, Deduct	*-300.08*	
		For Class 54 Rating, Add	*204.60*	
		For Class 55 Rating, Add	*454.76*	
40 05 19 00-0201	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,611.86	544.81
		For Class 52 Rating, Deduct	*-306.50*	
		For Class 54 Rating, Add	*208.98*	
		For Class 55 Rating, Add	*464.49*	
40 05 19 00-0202	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,674.92	547.89
		For Class 52 Rating, Deduct	*-312.93*	
		For Class 54 Rating, Add	*213.36*	
		For Class 55 Rating, Add	*474.23*	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0204	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,659.49	517.10
		For Class 52 Rating, Deduct	*-96.36*	
		For Class 54 Rating, Add	*65.70*	
		For Class 55 Rating, Add	*146.03*	
40 05 19 00-0205	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,735.35	520.18
		For Class 52 Rating, Deduct	*-104.19*	
		For Class 54 Rating, Add	*71.04*	
		For Class 55 Rating, Add	*157.90*	
40 05 19 00-0206	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,811.21	523.26
		For Class 52 Rating, Deduct	*-112.02*	
		For Class 54 Rating, Add	*76.38*	
		For Class 55 Rating, Add	*169.77*	
40 05 19 00-0207	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,887.07	526.33
		For Class 52 Rating, Deduct	*-119.86*	
		For Class 54 Rating, Add	*81.72*	
		For Class 55 Rating, Add	*181.64*	
40 05 19 00-0208	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,962.94	529.41
		For Class 52 Rating, Deduct	*-127.69*	
		For Class 54 Rating, Add	*87.06*	
		For Class 55 Rating, Add	*193.51*	
40 05 19 00-0209	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,038.81	532.49
		For Class 52 Rating, Deduct	*-135.52*	
		For Class 54 Rating, Add	*92.40*	
		For Class 55 Rating, Add	*205.37*	
40 05 19 00-0210	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,114.67	535.57
		For Class 52 Rating, Deduct	*-143.35*	
		For Class 54 Rating, Add	*97.74*	
		For Class 55 Rating, Add	*217.24*	
40 05 19 00-0211	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,190.53	538.65
		For Class 52 Rating, Deduct	*-151.18*	
		For Class 54 Rating, Add	*103.08*	
		For Class 55 Rating, Add	*229.11*	
40 05 19 00-0212	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,266.40	541.73
		For Class 52 Rating, Deduct	*-159.02*	
		For Class 54 Rating, Add	*108.42*	
		For Class 55 Rating, Add	*240.98*	
40 05 19 00-0213	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,342.26	544.81
		For Class 52 Rating, Deduct	*-166.85*	
		For Class 54 Rating, Add	*113.76*	
		For Class 55 Rating, Add	*252.85*	
40 05 19 00-0214	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,418.12	547.89
		For Class 52 Rating, Deduct	*-174.68*	
		For Class 54 Rating, Add	*119.10*	
		For Class 55 Rating, Add	*264.72*	
40 05 19 00-0215	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,493.98	550.95
		For Class 52 Rating, Deduct	*-182.51*	
		For Class 54 Rating, Add	*124.44*	
		For Class 55 Rating, Add	*276.59*	
40 05 19 00-0216	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,569.85	554.03
		For Class 52 Rating, Deduct	*-190.34*	
		For Class 54 Rating, Add	*129.78*	
		For Class 55 Rating, Add	*288.46*	
40 05 19 00-0217	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,645.72	557.11
		For Class 52 Rating, Deduct	*-198.18*	
		For Class 54 Rating, Add	*135.12*	
		For Class 55 Rating, Add	*300.33*	
40 05 19 00-0218	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,721.58	560.19
		For Class 52 Rating, Deduct	*-206.01*	
		For Class 54 Rating, Add	*140.46*	
		For Class 55 Rating, Add	*312.20*	
40 05 19 00-0219	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,797.44	563.27
		For Class 52 Rating, Deduct	*-213.84*	
		For Class 54 Rating, Add	*145.80*	
		For Class 55 Rating, Add	*324.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0220	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,873.31	566.35
		For Class 52 Rating, Deduct	*-221.67*	
		For Class 54 Rating, Add	*151.14*	
		For Class 55 Rating, Add	*335.93*	
40 05 19 00-0221	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,949.17	569.43
		For Class 52 Rating, Deduct	*-229.50*	
		For Class 54 Rating, Add	*156.48*	
		For Class 55 Rating, Add	*347.80*	
40 05 19 00-0222	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,025.03	572.51
		For Class 52 Rating, Deduct	*-237.34*	
		For Class 54 Rating, Add	*161.82*	
		For Class 55 Rating, Add	*359.67*	
40 05 19 00-0223	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,100.89	575.59
		For Class 52 Rating, Deduct	*-245.17*	
		For Class 54 Rating, Add	*167.16*	
		For Class 55 Rating, Add	*371.54*	
40 05 19 00-0224	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,176.76	578.66
		For Class 52 Rating, Deduct	*-253.00*	
		For Class 54 Rating, Add	*172.50*	
		For Class 55 Rating, Add	*383.41*	
40 05 19 00-0225	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,252.63	581.74
		For Class 52 Rating, Deduct	*-260.83*	
		For Class 54 Rating, Add	*177.84*	
		For Class 55 Rating, Add	*395.28*	
40 05 19 00-0226	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,328.49	584.82
		For Class 52 Rating, Deduct	*-268.66*	
		For Class 54 Rating, Add	*183.18*	
		For Class 55 Rating, Add	*407.15*	
40 05 19 00-0227	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,404.35	587.89
		For Class 52 Rating, Deduct	*-276.50*	
		For Class 54 Rating, Add	*188.52*	
		For Class 55 Rating, Add	*419.02*	
40 05 19 00-0228	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,480.21	590.97
		For Class 52 Rating, Deduct	*-284.33*	
		For Class 54 Rating, Add	*193.86*	
		For Class 55 Rating, Add	*430.89*	
40 05 19 00-0229	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,556.08	594.05
		For Class 52 Rating, Deduct	*-292.16*	
		For Class 54 Rating, Add	*199.20*	
		For Class 55 Rating, Add	*442.76*	
40 05 19 00-0230	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,631.94	597.13
		For Class 52 Rating, Deduct	*-299.99*	
		For Class 54 Rating, Add	*204.54*	
		For Class 55 Rating, Add	*454.62*	
40 05 19 00-0231	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,707.80	600.21
		For Class 52 Rating, Deduct	*-307.82*	
		For Class 54 Rating, Add	*209.88*	
		For Class 55 Rating, Add	*466.49*	
40 05 19 00-0232	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,783.66	603.28
		For Class 52 Rating, Deduct	*-315.66*	
		For Class 54 Rating, Add	*215.22*	
		For Class 55 Rating, Add	*478.36*	
40 05 19 00-0233	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,859.53	606.36
		For Class 52 Rating, Deduct	*-323.49*	
		For Class 54 Rating, Add	*220.56*	
		For Class 55 Rating, Add	*490.23*	
40 05 19 00-0234	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,935.40	609.44
		For Class 52 Rating, Deduct	*-331.32*	
		For Class 54 Rating, Add	*225.90*	
		For Class 55 Rating, Add	*502.10*	
40 05 19 00-0235	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,011.26	612.52
		For Class 52 Rating, Deduct	*-339.15*	
		For Class 54 Rating, Add	*231.24*	
		For Class 55 Rating, Add	*513.97*	
40 05 19 00-0236	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,087.12	615.60
		For Class 52 Rating, Deduct	*-346.98*	
		For Class 54 Rating, Add	*236.58*	
		For Class 55 Rating, Add	*525.84*	
40 05 19 00-0237	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,162.99	618.68
		For Class 52 Rating, Deduct	*-354.82*	
		For Class 54 Rating, Add	*241.92*	
		For Class 55 Rating, Add	*537.71*	
40 05 19 00-0238	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,238.85	621.76
		For Class 52 Rating, Deduct	*-362.65*	
		For Class 54 Rating, Add	*247.26*	
		For Class 55 Rating, Add	*549.58*	
40 05 19 00-0239	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,314.71	624.83
		For Class 52 Rating, Deduct	*-370.48*	
		For Class 54 Rating, Add	*252.60*	
		For Class 55 Rating, Add	*561.45*	
40 05 19 00-0240	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,390.57	627.90
		For Class 52 Rating, Deduct	*-378.31*	
		For Class 54 Rating, Add	*257.94*	
		For Class 55 Rating, Add	*573.31*	
40 05 19 00-0241	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,466.44	630.98
		For Class 52 Rating, Deduct	*-386.14*	
		For Class 54 Rating, Add	*263.28*	
		For Class 55 Rating, Add	*585.18*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0242		16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0243	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,933.81	590.97
		For Class 52 Rating, Deduct	*-114.22*	
		For Class 54 Rating, Add	*77.88*	
		For Class 55 Rating, Add	*173.10*	
40 05 19 00-0244	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,021.68	594.05
		For Class 52 Rating, Deduct	*-123.38*	
		For Class 54 Rating, Add	*84.12*	
		For Class 55 Rating, Add	*186.97*	
40 05 19 00-0245	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,109.54	597.13
		For Class 52 Rating, Deduct	*-132.53*	
		For Class 54 Rating, Add	*90.36*	
		For Class 55 Rating, Add	*200.84*	
40 05 19 00-0246	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,197.40	600.21
		For Class 52 Rating, Deduct	*-141.68*	
		For Class 54 Rating, Add	*96.60*	
		For Class 55 Rating, Add	*214.71*	
40 05 19 00-0247	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,285.26	603.28
		For Class 52 Rating, Deduct	*-150.83*	
		For Class 54 Rating, Add	*102.84*	
		For Class 55 Rating, Add	*228.58*	
40 05 19 00-0248	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,373.13	606.36
		For Class 52 Rating, Deduct	*-159.98*	
		For Class 54 Rating, Add	*109.08*	
		For Class 55 Rating, Add	*242.45*	
40 05 19 00-0249	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,461.00	609.44
		For Class 52 Rating, Deduct	*-169.14*	
		For Class 54 Rating, Add	*115.32*	
		For Class 55 Rating, Add	*256.32*	
40 05 19 00-0250	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,548.86	612.52
		For Class 52 Rating, Deduct	*-178.29*	
		For Class 54 Rating, Add	*121.56*	
		For Class 55 Rating, Add	*270.19*	
40 05 19 00-0251	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,636.72	615.60
		For Class 52 Rating, Deduct	*-187.44*	
		For Class 54 Rating, Add	*127.80*	
		For Class 55 Rating, Add	*284.06*	
40 05 19 00-0252	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,724.59	618.68
		For Class 52 Rating, Deduct	*-196.59*	
		For Class 54 Rating, Add	*134.04*	
		For Class 55 Rating, Add	*297.93*	
40 05 19 00-0253	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,812.45	621.76
		For Class 52 Rating, Deduct	*-205.74*	
		For Class 54 Rating, Add	*140.28*	
		For Class 55 Rating, Add	*311.80*	
40 05 19 00-0254	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,900.31	624.83
		For Class 52 Rating, Deduct	*-214.90*	
		For Class 54 Rating, Add	*146.52*	
		For Class 55 Rating, Add	*325.67*	
40 05 19 00-0255	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,988.17	627.90
		For Class 52 Rating, Deduct	*-224.05*	
		For Class 54 Rating, Add	*152.76*	
		For Class 55 Rating, Add	*339.53*	
40 05 19 00-0256	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,076.04	630.98
		For Class 52 Rating, Deduct	*-233.20*	
		For Class 54 Rating, Add	*159.00*	
		For Class 55 Rating, Add	*353.40*	
40 05 19 00-0257	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,163.91	634.06
		For Class 52 Rating, Deduct	*-242.35*	
		For Class 54 Rating, Add	*165.24*	
		For Class 55 Rating, Add	*367.27*	
40 05 19 00-0258	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,251.77	637.14
		For Class 52 Rating, Deduct	*-251.50*	
		For Class 54 Rating, Add	*171.48*	
		For Class 55 Rating, Add	*381.14*	
40 05 19 00-0259	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,339.63	640.22
		For Class 52 Rating, Deduct	*-260.66*	
		For Class 54 Rating, Add	*177.72*	
		For Class 55 Rating, Add	*395.01*	
40 05 19 00-0260	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,427.50	643.30
		For Class 52 Rating, Deduct	*-269.81*	
		For Class 54 Rating, Add	*183.96*	
		For Class 55 Rating, Add	*408.88*	
40 05 19 00-0261	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,515.36	646.38
		For Class 52 Rating, Deduct	*-278.96*	
		For Class 54 Rating, Add	*190.20*	
		For Class 55 Rating, Add	*422.75*	
40 05 19 00-0262	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,603.22	649.46
		For Class 52 Rating, Deduct	*-288.11*	
		For Class 54 Rating, Add	*196.44*	
		For Class 55 Rating, Add	*436.62*	
40 05 19 00-0263	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,691.08	652.54
		For Class 52 Rating, Deduct	*-297.26*	
		For Class 54 Rating, Add	*202.68*	
		For Class 55 Rating, Add	*450.49*	
40 05 19 00-0264	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,778.95	655.61
		For Class 52 Rating, Deduct	*-306.42*	
		For Class 54 Rating, Add	*208.92*	
		For Class 55 Rating, Add	*464.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0265	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,866.82	658.69
		For Class 52 Rating, Deduct	*-315.57*	
		For Class 54 Rating, Add	*215.16*	
		For Class 55 Rating, Add	*478.23*	
40 05 19 00-0266	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,954.68	661.77
		For Class 52 Rating, Deduct	*-324.72*	
		For Class 54 Rating, Add	*221.40*	
		For Class 55 Rating, Add	*492.10*	
40 05 19 00-0267	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,042.54	664.84
		For Class 52 Rating, Deduct	*-333.87*	
		For Class 54 Rating, Add	*227.64*	
		For Class 55 Rating, Add	*505.97*	
40 05 19 00-0268	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,130.41	667.92
		For Class 52 Rating, Deduct	*-343.02*	
		For Class 54 Rating, Add	*233.88*	
		For Class 55 Rating, Add	*519.84*	
40 05 19 00-0269	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,218.27	671.00
		For Class 52 Rating, Deduct	*-352.18*	
		For Class 54 Rating, Add	*240.12*	
		For Class 55 Rating, Add	*533.71*	
40 05 19 00-0270	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,306.13	674.08
		For Class 52 Rating, Deduct	*-361.33*	
		For Class 54 Rating, Add	*246.36*	
		For Class 55 Rating, Add	*547.58*	
40 05 19 00-0271	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,393.99	677.16
		For Class 52 Rating, Deduct	*-370.48*	
		For Class 54 Rating, Add	*252.60*	
		For Class 55 Rating, Add	*561.45*	
40 05 19 00-0272	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,481.85	680.23
		For Class 52 Rating, Deduct	*-379.63*	
		For Class 54 Rating, Add	*258.84*	
		For Class 55 Rating, Add	*575.32*	
40 05 19 00-0273	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,569.72	683.31
		For Class 52 Rating, Deduct	*-388.78*	
		For Class 54 Rating, Add	*265.08*	
		For Class 55 Rating, Add	*589.18*	
40 05 19 00-0274	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,657.59	686.39
		For Class 52 Rating, Deduct	*-397.94*	
		For Class 54 Rating, Add	*271.32*	
		For Class 55 Rating, Add	*603.05*	
40 05 19 00-0275	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,745.45	689.47
		For Class 52 Rating, Deduct	*-407.09*	
		For Class 54 Rating, Add	*277.56*	
		For Class 55 Rating, Add	*616.92*	
40 05 19 00-0276	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,833.31	692.55
		For Class 52 Rating, Deduct	*-416.24*	
		For Class 54 Rating, Add	*283.80*	
		For Class 55 Rating, Add	*630.79*	
40 05 19 00-0277	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,921.18	695.63
		For Class 52 Rating, Deduct	*-425.39*	
		For Class 54 Rating, Add	*290.04*	
		For Class 55 Rating, Add	*644.66*	
40 05 19 00-0278	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,009.04	698.71
		For Class 52 Rating, Deduct	*-434.54*	
		For Class 54 Rating, Add	*296.28*	
		For Class 55 Rating, Add	*658.53*	
40 05 19 00-0279	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,096.90	701.78
		For Class 52 Rating, Deduct	*-443.70*	
		For Class 54 Rating, Add	*302.52*	
		For Class 55 Rating, Add	*672.40*	
40 05 19 00-0280	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,184.76	704.85
		For Class 52 Rating, Deduct	*-452.85*	
		For Class 54 Rating, Add	*308.76*	
		For Class 55 Rating, Add	*686.27*	

40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0282	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,233.20	666.08
		For Class 52 Rating, Deduct	*-134.64*	
		For Class 54 Rating, Add	*91.80*	
		For Class 55 Rating, Add	*204.04*	
40 05 19 00-0283	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,333.87	669.16
		For Class 52 Rating, Deduct	*-145.20*	
		For Class 54 Rating, Add	*99.00*	
		For Class 55 Rating, Add	*220.04*	
40 05 19 00-0284	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,434.54	672.24
		For Class 52 Rating, Deduct	*-155.76*	
		For Class 54 Rating, Add	*106.20*	
		For Class 55 Rating, Add	*236.05*	
40 05 19 00-0285	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,535.20	675.31
		For Class 52 Rating, Deduct	*-166.32*	
		For Class 54 Rating, Add	*113.40*	
		For Class 55 Rating, Add	*252.05*	
40 05 19 00-0286	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,635.86	678.38
		For Class 52 Rating, Deduct	*-176.88*	
		For Class 54 Rating, Add	*120.60*	
		For Class 55 Rating, Add	*268.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0287	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,736.52	681.46
		For Class 52 Rating, Deduct	*-187.44*	
		For Class 54 Rating, Add	*127.80*	
		For Class 55 Rating, Add	*284.06*	
40 05 19 00-0288	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,837.19	684.54
		For Class 52 Rating, Deduct	*-198.00*	
		For Class 54 Rating, Add	*135.00*	
		For Class 55 Rating, Add	*300.06*	
40 05 19 00-0289	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,937.85	687.62
		For Class 52 Rating, Deduct	*-208.56*	
		For Class 54 Rating, Add	*142.20*	
		For Class 55 Rating, Add	*316.06*	
40 05 19 00-0290	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,038.51	690.70
		For Class 52 Rating, Deduct	*-219.12*	
		For Class 54 Rating, Add	*149.40*	
		For Class 55 Rating, Add	*332.07*	
40 05 19 00-0291	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,139.17	693.78
		For Class 52 Rating, Deduct	*-229.68*	
		For Class 54 Rating, Add	*156.60*	
		For Class 55 Rating, Add	*348.07*	
40 05 19 00-0292	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,239.85	696.86
		For Class 52 Rating, Deduct	*-240.24*	
		For Class 54 Rating, Add	*163.80*	
		For Class 55 Rating, Add	*364.07*	
40 05 19 00-0293	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,340.51	699.93
		For Class 52 Rating, Deduct	*-250.80*	
		For Class 54 Rating, Add	*171.00*	
		For Class 55 Rating, Add	*380.08*	
40 05 19 00-0294	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,441.17	703.01
		For Class 52 Rating, Deduct	*-261.36*	
		For Class 54 Rating, Add	*178.20*	
		For Class 55 Rating, Add	*396.08*	
40 05 19 00-0295	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,541.83	706.09
		For Class 52 Rating, Deduct	*-271.92*	
		For Class 54 Rating, Add	*185.40*	
		For Class 55 Rating, Add	*412.08*	
40 05 19 00-0296	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,642.50	709.17
		For Class 52 Rating, Deduct	*-282.48*	
		For Class 54 Rating, Add	*192.60*	
		For Class 55 Rating, Add	*428.09*	
40 05 19 00-0297	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,743.16	712.25
		For Class 52 Rating, Deduct	*-293.04*	
		For Class 54 Rating, Add	*199.80*	
		For Class 55 Rating, Add	*444.09*	
40 05 19 00-0298	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,843.82	715.33
		For Class 52 Rating, Deduct	*-303.60*	
		For Class 54 Rating, Add	*207.00*	
		For Class 55 Rating, Add	*460.09*	
40 05 19 00-0299	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,944.48	718.40
		For Class 52 Rating, Deduct	*-314.16*	
		For Class 54 Rating, Add	*214.20*	
		For Class 55 Rating, Add	*476.10*	
40 05 19 00-0300	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,045.16	721.48
		For Class 52 Rating, Deduct	*-324.72*	
		For Class 54 Rating, Add	*221.40*	
		For Class 55 Rating, Add	*492.10*	
40 05 19 00-0301	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,145.82	724.55
		For Class 52 Rating, Deduct	*-335.28*	
		For Class 54 Rating, Add	*228.60*	
		For Class 55 Rating, Add	*508.10*	
40 05 19 00-0302	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,246.48	727.63
		For Class 52 Rating, Deduct	*-345.84*	
		For Class 54 Rating, Add	*235.80*	
		For Class 55 Rating, Add	*524.10*	
40 05 19 00-0303	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,347.14	730.71
		For Class 52 Rating, Deduct	*-356.40*	
		For Class 54 Rating, Add	*243.00*	
		For Class 55 Rating, Add	*540.11*	
40 05 19 00-0304	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,447.80	733.79
		For Class 52 Rating, Deduct	*-366.96*	
		For Class 54 Rating, Add	*250.20*	
		For Class 55 Rating, Add	*556.11*	
40 05 19 00-0305	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,548.47	736.87
		For Class 52 Rating, Deduct	*-377.52*	
		For Class 54 Rating, Add	*257.40*	
		For Class 55 Rating, Add	*572.11*	
40 05 19 00-0306	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,649.13	739.95
		For Class 52 Rating, Deduct	*-388.08*	
		For Class 54 Rating, Add	*264.60*	
		For Class 55 Rating, Add	*588.12*	
40 05 19 00-0307	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,749.79	743.03
		For Class 52 Rating, Deduct	*-398.64*	
		For Class 54 Rating, Add	*271.80*	
		For Class 55 Rating, Add	*604.12*	
40 05 19 00-0308	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,850.45	746.11
		For Class 52 Rating, Deduct	*-409.20*	
		For Class 54 Rating, Add	*279.00*	
		For Class 55 Rating, Add	*620.12*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0309	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,951.13	749.19
		For Class 52 Rating, Deduct	*-419.76*	
		For Class 54 Rating, Add	*286.20*	
		For Class 55 Rating, Add	*636.13*	
40 05 19 00-0310	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,051.79	752.26
		For Class 52 Rating, Deduct	*-430.32*	
		For Class 54 Rating, Add	*293.40*	
		For Class 55 Rating, Add	*652.13*	
40 05 19 00-0311	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,152.45	755.33
		For Class 52 Rating, Deduct	*-440.88*	
		For Class 54 Rating, Add	*300.60*	
		For Class 55 Rating, Add	*668.13*	
40 05 19 00-0312	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,253.11	758.41
		For Class 52 Rating, Deduct	*-451.44*	
		For Class 54 Rating, Add	*307.80*	
		For Class 55 Rating, Add	*684.14*	
40 05 19 00-0313	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,353.78	761.49
		For Class 52 Rating, Deduct	*-462.00*	
		For Class 54 Rating, Add	*315.00*	
		For Class 55 Rating, Add	*700.14*	
40 05 19 00-0314	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,454.44	764.57
		For Class 52 Rating, Deduct	*-472.56*	
		For Class 54 Rating, Add	*322.20*	
		For Class 55 Rating, Add	*716.14*	
40 05 19 00-0315	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,555.10	767.65
		For Class 52 Rating, Deduct	*-483.12*	
		For Class 54 Rating, Add	*329.40*	
		For Class 55 Rating, Add	*732.15*	
40 05 19 00-0316	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,655.76	770.73
		For Class 52 Rating, Deduct	*-493.68*	
		For Class 54 Rating, Add	*336.60*	
		For Class 55 Rating, Add	*748.15*	
40 05 19 00-0317	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,756.44	773.81
		For Class 52 Rating, Deduct	*-504.24*	
		For Class 54 Rating, Add	*343.80*	
		For Class 55 Rating, Add	*764.15*	
40 05 19 00-0318	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,857.10	776.88
		For Class 52 Rating, Deduct	*-514.80*	
		For Class 54 Rating, Add	*351.00*	
		For Class 55 Rating, Add	*780.16*	
40 05 19 00-0319	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,957.76	779.96
		For Class 52 Rating, Deduct	*-525.36*	
		For Class 54 Rating, Add	*358.20*	
		For Class 55 Rating, Add	*796.16*	

40 05 19 00-0320 20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0321	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,599.11	760.26
		For Class 52 Rating, Deduct	*-159.19*	
		For Class 54 Rating, Add	*108.54*	
		For Class 55 Rating, Add	*241.25*	
40 05 19 00-0322	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,714.18	763.34
		For Class 52 Rating, Deduct	*-171.34*	
		For Class 54 Rating, Add	*116.82*	
		For Class 55 Rating, Add	*259.65*	
40 05 19 00-0323	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,829.24	766.42
		For Class 52 Rating, Deduct	*-183.48*	
		For Class 54 Rating, Add	*125.10*	
		For Class 55 Rating, Add	*278.06*	
40 05 19 00-0324	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,944.31	769.50
		For Class 52 Rating, Deduct	*-195.62*	
		For Class 54 Rating, Add	*133.38*	
		For Class 55 Rating, Add	*296.46*	
40 05 19 00-0325	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,059.37	772.58
		For Class 52 Rating, Deduct	*-207.77*	
		For Class 54 Rating, Add	*141.66*	
		For Class 55 Rating, Add	*314.86*	
40 05 19 00-0326	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,174.43	775.66
		For Class 52 Rating, Deduct	*-219.91*	
		For Class 54 Rating, Add	*149.94*	
		For Class 55 Rating, Add	*333.27*	
40 05 19 00-0327	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,289.49	778.73
		For Class 52 Rating, Deduct	*-232.06*	
		For Class 54 Rating, Add	*158.22*	
		For Class 55 Rating, Add	*351.67*	
40 05 19 00-0328	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,404.55	781.80
		For Class 52 Rating, Deduct	*-244.20*	
		For Class 54 Rating, Add	*166.50*	
		For Class 55 Rating, Add	*370.07*	
40 05 19 00-0329	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,519.62	784.88
		For Class 52 Rating, Deduct	*-256.34*	
		For Class 54 Rating, Add	*174.78*	
		For Class 55 Rating, Add	*388.48*	
40 05 19 00-0330	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,634.69	787.96
		For Class 52 Rating, Deduct	*-268.49*	
		For Class 54 Rating, Add	*183.06*	
		For Class 55 Rating, Add	*406.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0331	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,749.75	791.04
		For Class 52 Rating, Deduct	*-280.63*	
		For Class 54 Rating, Add	*191.34*	
		For Class 55 Rating, Add	*425.29*	
40 05 19 00-0332	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,864.81	794.12
		For Class 52 Rating, Deduct	*-292.78*	
		For Class 54 Rating, Add	*199.62*	
		For Class 55 Rating, Add	*443.69*	
40 05 19 00-0333	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,979.88	797.20
		For Class 52 Rating, Deduct	*-304.92*	
		For Class 54 Rating, Add	*207.90*	
		For Class 55 Rating, Add	*462.09*	
40 05 19 00-0334	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,094.94	800.28
		For Class 52 Rating, Deduct	*-317.06*	
		For Class 54 Rating, Add	*216.18*	
		For Class 55 Rating, Add	*480.50*	
40 05 19 00-0335	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,210.00	803.36
		For Class 52 Rating, Deduct	*-329.21*	
		For Class 54 Rating, Add	*224.46*	
		For Class 55 Rating, Add	*498.90*	
40 05 19 00-0336	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,325.06	806.43
		For Class 52 Rating, Deduct	*-341.35*	
		For Class 54 Rating, Add	*232.74*	
		For Class 55 Rating, Add	*517.30*	
40 05 19 00-0337	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,440.13	809.51
		For Class 52 Rating, Deduct	*-353.50*	
		For Class 54 Rating, Add	*241.02*	
		For Class 55 Rating, Add	*535.71*	
40 05 19 00-0338	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,555.19	812.59
		For Class 52 Rating, Deduct	*-365.64*	
		For Class 54 Rating, Add	*249.30*	
		For Class 55 Rating, Add	*554.11*	
40 05 19 00-0339	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,670.26	815.66
		For Class 52 Rating, Deduct	*-377.78*	
		For Class 54 Rating, Add	*257.58*	
		For Class 55 Rating, Add	*572.51*	
40 05 19 00-0340	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,785.32	818.74
		For Class 52 Rating, Deduct	*-389.93*	
		For Class 54 Rating, Add	*265.86*	
		For Class 55 Rating, Add	*590.92*	
40 05 19 00-0341	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,900.39	821.82
		For Class 52 Rating, Deduct	*-402.07*	
		For Class 54 Rating, Add	*274.14*	
		For Class 55 Rating, Add	*609.32*	
40 05 19 00-0342	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,015.45	824.90
		For Class 52 Rating, Deduct	*-414.22*	
		For Class 54 Rating, Add	*282.42*	
		For Class 55 Rating, Add	*627.73*	
40 05 19 00-0343	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,130.51	827.98
		For Class 52 Rating, Deduct	*-426.36*	
		For Class 54 Rating, Add	*290.70*	
		For Class 55 Rating, Add	*646.13*	
40 05 19 00-0344	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,245.57	831.06
		For Class 52 Rating, Deduct	*-438.50*	
		For Class 54 Rating, Add	*298.98*	
		For Class 55 Rating, Add	*664.53*	
40 05 19 00-0345	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,360.64	834.13
		For Class 52 Rating, Deduct	*-450.65*	
		For Class 54 Rating, Add	*307.26*	
		For Class 55 Rating, Add	*682.94*	
40 05 19 00-0346	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,475.70	837.21
		For Class 52 Rating, Deduct	*-462.79*	
		For Class 54 Rating, Add	*315.54*	
		For Class 55 Rating, Add	*701.34*	
40 05 19 00-0347	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,590.77	840.29
		For Class 52 Rating, Deduct	*-474.94*	
		For Class 54 Rating, Add	*323.82*	
		For Class 55 Rating, Add	*719.74*	
40 05 19 00-0348	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,705.83	843.37
		For Class 52 Rating, Deduct	*-487.08*	
		For Class 54 Rating, Add	*332.10*	
		For Class 55 Rating, Add	*738.15*	
40 05 19 00-0349	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,820.90	846.45
		For Class 52 Rating, Deduct	*-499.22*	
		For Class 54 Rating, Add	*340.38*	
		For Class 55 Rating, Add	*756.55*	
40 05 19 00-0350	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,935.96	849.53
		For Class 52 Rating, Deduct	*-511.37*	
		For Class 54 Rating, Add	*348.66*	
		For Class 55 Rating, Add	*774.95*	
40 05 19 00-0351	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,051.02	852.60
		For Class 52 Rating, Deduct	*-523.51*	
		For Class 54 Rating, Add	*356.94*	
		For Class 55 Rating, Add	*793.36*	
40 05 19 00-0352	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,166.08	855.68
		For Class 52 Rating, Deduct	*-535.66*	
		For Class 54 Rating, Add	*365.22*	
		For Class 55 Rating, Add	*811.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0353	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,281.15	858.75
		For Class 52 Rating, Deduct	*-547.80*	
		For Class 54 Rating, Add	*373.50*	
		For Class 55 Rating, Add	*830.17*	
40 05 19 00-0354	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,396.21	861.83
		For Class 52 Rating, Deduct	*-559.94*	
		For Class 54 Rating, Add	*381.78*	
		For Class 55 Rating, Add	*848.57*	
40 05 19 00-0355	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,511.27	864.91
		For Class 52 Rating, Deduct	*-572.09*	
		For Class 54 Rating, Add	*390.06*	
		For Class 55 Rating, Add	*866.97*	
40 05 19 00-0356	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,626.34	867.99
		For Class 52 Rating, Deduct	*-584.23*	
		For Class 54 Rating, Add	*398.34*	
		For Class 55 Rating, Add	*885.38*	
40 05 19 00-0357	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,741.40	871.07
		For Class 52 Rating, Deduct	*-596.38*	
		For Class 54 Rating, Add	*406.62*	
		For Class 55 Rating, Add	*903.78*	
40 05 19 00-0358	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,856.47	874.15
		For Class 52 Rating, Deduct	*-608.52*	
		For Class 54 Rating, Add	*414.90*	
		For Class 55 Rating, Add	*922.18*	

40 05 19 00-0359 24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0360	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,168.18	898.77
		For Class 52 Rating, Deduct	*-198.70*	
		For Class 54 Rating, Add	*135.48*	
		For Class 55 Rating, Add	*301.13*	
40 05 19 00-0361	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,309.64	901.85
		For Class 52 Rating, Deduct	*-213.75*	
		For Class 54 Rating, Add	*145.74*	
		For Class 55 Rating, Add	*323.93*	
40 05 19 00-0362	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,451.10	904.93
		For Class 52 Rating, Deduct	*-228.80*	
		For Class 54 Rating, Add	*156.00*	
		For Class 55 Rating, Add	*346.74*	
40 05 19 00-0363	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,592.56	908.01
		For Class 52 Rating, Deduct	*-243.85*	
		For Class 54 Rating, Add	*166.26*	
		For Class 55 Rating, Add	*369.54*	
40 05 19 00-0364	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,734.03	911.08
		For Class 52 Rating, Deduct	*-258.90*	
		For Class 54 Rating, Add	*176.52*	
		For Class 55 Rating, Add	*392.35*	
40 05 19 00-0365	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,875.49	914.16
		For Class 52 Rating, Deduct	*-273.94*	
		For Class 54 Rating, Add	*186.78*	
		For Class 55 Rating, Add	*415.15*	
40 05 19 00-0366	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,016.96	917.24
		For Class 52 Rating, Deduct	*-288.99*	
		For Class 54 Rating, Add	*197.04*	
		For Class 55 Rating, Add	*437.95*	
40 05 19 00-0367	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,158.42	920.32
		For Class 52 Rating, Deduct	*-304.04*	
		For Class 54 Rating, Add	*207.30*	
		For Class 55 Rating, Add	*460.76*	
40 05 19 00-0368	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,299.89	923.40
		For Class 52 Rating, Deduct	*-319.09*	
		For Class 54 Rating, Add	*217.56*	
		For Class 55 Rating, Add	*483.56*	
40 05 19 00-0369	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,441.35	926.48
		For Class 52 Rating, Deduct	*-334.14*	
		For Class 54 Rating, Add	*227.82*	
		For Class 55 Rating, Add	*506.37*	
40 05 19 00-0370	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,582.81	929.55
		For Class 52 Rating, Deduct	*-349.18*	
		For Class 54 Rating, Add	*238.08*	
		For Class 55 Rating, Add	*529.17*	
40 05 19 00-0371	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,724.27	932.63
		For Class 52 Rating, Deduct	*-364.23*	
		For Class 54 Rating, Add	*248.34*	
		For Class 55 Rating, Add	*551.98*	
40 05 19 00-0372	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,865.74	935.70
		For Class 52 Rating, Deduct	*-379.28*	
		For Class 54 Rating, Add	*258.60*	
		For Class 55 Rating, Add	*574.78*	
40 05 19 00-0373	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,007.20	938.78
		For Class 52 Rating, Deduct	*-394.33*	
		For Class 54 Rating, Add	*268.86*	
		For Class 55 Rating, Add	*597.59*	
40 05 19 00-0374	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,148.66	941.86
		For Class 52 Rating, Deduct	*-409.38*	
		For Class 54 Rating, Add	*279.12*	
		For Class 55 Rating, Add	*620.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0375	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,290.13	944.94
		For Class 52 Rating, Deduct	*-424.42*	
		For Class 54 Rating, Add	*289.38*	
		For Class 55 Rating, Add	*643.20*	
40 05 19 00-0376	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,431.60	948.02
		For Class 52 Rating, Deduct	*-439.47*	
		For Class 54 Rating, Add	*299.64*	
		For Class 55 Rating, Add	*666.00*	
40 05 19 00-0377	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,573.06	951.10
		For Class 52 Rating, Deduct	*-454.52*	
		For Class 54 Rating, Add	*309.90*	
		For Class 55 Rating, Add	*688.80*	
40 05 19 00-0378	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,714.52	954.18
		For Class 52 Rating, Deduct	*-469.57*	
		For Class 54 Rating, Add	*320.16*	
		For Class 55 Rating, Add	*711.61*	
40 05 19 00-0379	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,855.98	957.26
		For Class 52 Rating, Deduct	*-484.62*	
		For Class 54 Rating, Add	*330.42*	
		For Class 55 Rating, Add	*734.41*	
40 05 19 00-0380	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,997.45	960.33
		For Class 52 Rating, Deduct	*-499.66*	
		For Class 54 Rating, Add	*340.68*	
		For Class 55 Rating, Add	*757.22*	
40 05 19 00-0381	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,138.91	963.41
		For Class 52 Rating, Deduct	*-514.71*	
		For Class 54 Rating, Add	*350.94*	
		For Class 55 Rating, Add	*780.02*	
40 05 19 00-0382	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,280.37	966.48
		For Class 52 Rating, Deduct	*-529.76*	
		For Class 54 Rating, Add	*361.20*	
		For Class 55 Rating, Add	*802.83*	
40 05 19 00-0383	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,421.84	969.56
		For Class 52 Rating, Deduct	*-544.81*	
		For Class 54 Rating, Add	*371.46*	
		For Class 55 Rating, Add	*825.63*	
40 05 19 00-0384	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,563.30	972.64
		For Class 52 Rating, Deduct	*-559.86*	
		For Class 54 Rating, Add	*381.72*	
		For Class 55 Rating, Add	*848.44*	
40 05 19 00-0385	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,704.77	975.72
		For Class 52 Rating, Deduct	*-574.90*	
		For Class 54 Rating, Add	*391.98*	
		For Class 55 Rating, Add	*871.24*	
40 05 19 00-0386	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,846.23	978.80
		For Class 52 Rating, Deduct	*-589.95*	
		For Class 54 Rating, Add	*402.24*	
		For Class 55 Rating, Add	*894.05*	
40 05 19 00-0387	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,987.69	981.88
		For Class 52 Rating, Deduct	*-605.00*	
		For Class 54 Rating, Add	*412.50*	
		For Class 55 Rating, Add	*916.85*	
40 05 19 00-0388	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,129.15	984.96
		For Class 52 Rating, Deduct	*-620.05*	
		For Class 54 Rating, Add	*422.76*	
		For Class 55 Rating, Add	*939.65*	
40 05 19 00-0389	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,349.90	1,040.36
		For Class 52 Rating, Deduct	*-635.10*	
		For Class 54 Rating, Add	*433.02*	
		For Class 55 Rating, Add	*962.46*	
40 05 19 00-0390	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,491.36	1,043.43
		For Class 52 Rating, Deduct	*-650.14*	
		For Class 54 Rating, Add	*443.28*	
		For Class 55 Rating, Add	*985.26*	
40 05 19 00-0391	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,632.83	1,046.51
		For Class 52 Rating, Deduct	*-665.19*	
		For Class 54 Rating, Add	*453.54*	
		For Class 55 Rating, Add	*1,008.07*	
40 05 19 00-0392	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,774.30	1,049.59
		For Class 52 Rating, Deduct	*-680.24*	
		For Class 54 Rating, Add	*463.80*	
		For Class 55 Rating, Add	*1,030.87*	
40 05 19 00-0393	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,915.76	1,052.67
		For Class 52 Rating, Deduct	*-695.29*	
		For Class 54 Rating, Add	*474.06*	
		For Class 55 Rating, Add	*1,053.68*	
40 05 19 00-0394	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,057.22	1,055.75
		For Class 52 Rating, Deduct	*-710.34*	
		For Class 54 Rating, Add	*484.32*	
		For Class 55 Rating, Add	*1,076.48*	
40 05 19 00-0395	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,198.68	1,058.83
		For Class 52 Rating, Deduct	*-725.38*	
		For Class 54 Rating, Add	*494.58*	
		For Class 55 Rating, Add	*1,099.29*	
40 05 19 00-0396	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,340.15	1,061.91
		For Class 52 Rating, Deduct	*-740.43*	
		For Class 54 Rating, Add	*504.84*	
		For Class 55 Rating, Add	*1,122.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0397	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,481.61	1,064.98
		For Class 52 Rating, Deduct	*-755.48*	
		For Class 54 Rating, Add	*515.10*	
		For Class 55 Rating, Add	*1,144.90*	

40 05 19 00-0398 30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0399	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,793.41	1,268.12
		For Class 52 Rating, Deduct	*-315.92*	
		For Class 54 Rating, Add	*215.40*	
		For Class 55 Rating, Add	*478.76*	
40 05 19 00-0400	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,995.67	1,271.20
		For Class 52 Rating, Deduct	*-337.66*	
		For Class 54 Rating, Add	*230.22*	
		For Class 55 Rating, Add	*511.70*	
40 05 19 00-0401	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,197.93	1,274.28
		For Class 52 Rating, Deduct	*-359.39*	
		For Class 54 Rating, Add	*245.04*	
		For Class 55 Rating, Add	*544.64*	
40 05 19 00-0402	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,400.19	1,277.36
		For Class 52 Rating, Deduct	*-381.13*	
		For Class 54 Rating, Add	*259.86*	
		For Class 55 Rating, Add	*577.58*	
40 05 19 00-0403	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,602.47	1,280.44
		For Class 52 Rating, Deduct	*-402.86*	
		For Class 54 Rating, Add	*274.68*	
		For Class 55 Rating, Add	*610.52*	
40 05 19 00-0404	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,804.73	1,283.52
		For Class 52 Rating, Deduct	*-424.60*	
		For Class 54 Rating, Add	*289.50*	
		For Class 55 Rating, Add	*643.46*	
40 05 19 00-0405	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,006.99	1,286.60
		For Class 52 Rating, Deduct	*-446.34*	
		For Class 54 Rating, Add	*304.32*	
		For Class 55 Rating, Add	*676.40*	
40 05 19 00-0406	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,209.25	1,289.68
		For Class 52 Rating, Deduct	*-468.07*	
		For Class 54 Rating, Add	*319.14*	
		For Class 55 Rating, Add	*709.34*	
40 05 19 00-0407	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,411.52	1,292.75
		For Class 52 Rating, Deduct	*-489.81*	
		For Class 54 Rating, Add	*333.96*	
		For Class 55 Rating, Add	*742.28*	
40 05 19 00-0408	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,613.78	1,295.83
		For Class 52 Rating, Deduct	*-511.54*	
		For Class 54 Rating, Add	*348.78*	
		For Class 55 Rating, Add	*775.22*	
40 05 19 00-0409	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,816.04	1,298.91
		For Class 52 Rating, Deduct	*-533.28*	
		For Class 54 Rating, Add	*363.60*	
		For Class 55 Rating, Add	*808.16*	
40 05 19 00-0410	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,018.30	1,301.99
		For Class 52 Rating, Deduct	*-555.02*	
		For Class 54 Rating, Add	*378.42*	
		For Class 55 Rating, Add	*841.10*	
40 05 19 00-0411	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,220.58	1,305.07
		For Class 52 Rating, Deduct	*-576.75*	
		For Class 54 Rating, Add	*393.24*	
		For Class 55 Rating, Add	*874.04*	
40 05 19 00-0412	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,422.84	1,308.14
		For Class 52 Rating, Deduct	*-598.49*	
		For Class 54 Rating, Add	*408.06*	
		For Class 55 Rating, Add	*906.98*	
40 05 19 00-0413	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,625.10	1,311.22
		For Class 52 Rating, Deduct	*-620.22*	
		For Class 54 Rating, Add	*422.88*	
		For Class 55 Rating, Add	*939.92*	
40 05 19 00-0414	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,827.36	1,314.30
		For Class 52 Rating, Deduct	*-641.96*	
		For Class 54 Rating, Add	*437.70*	
		For Class 55 Rating, Add	*972.86*	
40 05 19 00-0415	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,029.63	1,317.38
		For Class 52 Rating, Deduct	*-663.70*	
		For Class 54 Rating, Add	*452.52*	
		For Class 55 Rating, Add	*1,005.80*	
40 05 19 00-0416	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,231.89	1,320.45
		For Class 52 Rating, Deduct	*-685.43*	
		For Class 54 Rating, Add	*467.34*	
		For Class 55 Rating, Add	*1,038.74*	
40 05 19 00-0417	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,434.15	1,323.53
		For Class 52 Rating, Deduct	*-707.17*	
		For Class 54 Rating, Add	*482.16*	
		For Class 55 Rating, Add	*1,071.68*	
40 05 19 00-0418	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,636.41	1,326.61
		For Class 52 Rating, Deduct	*-728.90*	
		For Class 54 Rating, Add	*496.98*	
		For Class 55 Rating, Add	*1,104.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0419	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,838.68	1,329.69
		For Class 52 Rating, Deduct	*-750.64*	
		For Class 54 Rating, Add	*511.80*	
		For Class 55 Rating, Add	*1,137.56*	
40 05 19 00-0420	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,040.95	1,332.77
		For Class 52 Rating, Deduct	*-772.38*	
		For Class 54 Rating, Add	*526.62*	
		For Class 55 Rating, Add	*1,170.50*	
40 05 19 00-0421	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,243.21	1,335.85
		For Class 52 Rating, Deduct	*-794.11*	
		For Class 54 Rating, Add	*541.44*	
		For Class 55 Rating, Add	*1,203.44*	
40 05 19 00-0422	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,445.47	1,338.93
		For Class 52 Rating, Deduct	*-815.85*	
		For Class 54 Rating, Add	*556.26*	
		For Class 55 Rating, Add	*1,236.38*	
40 05 19 00-0423	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,646.94	1,342.01
		For Class 52 Rating, Deduct	*-837.50*	
		For Class 54 Rating, Add	*571.02*	
		For Class 55 Rating, Add	*1,269.19*	
40 05 19 00-0424	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,850.00	1,345.07
		For Class 52 Rating, Deduct	*-859.32*	
		For Class 54 Rating, Add	*585.90*	
		For Class 55 Rating, Add	*1,302.26*	
40 05 19 00-0425	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,052.26	1,348.15
		For Class 52 Rating, Deduct	*-881.06*	
		For Class 54 Rating, Add	*600.72*	
		For Class 55 Rating, Add	*1,335.20*	
40 05 19 00-0426	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,254.52	1,351.23
		For Class 52 Rating, Deduct	*-902.79*	
		For Class 54 Rating, Add	*615.54*	
		For Class 55 Rating, Add	*1,368.14*	
40 05 19 00-0427	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,456.78	1,354.31
		For Class 52 Rating, Deduct	*-924.53*	
		For Class 54 Rating, Add	*630.36*	
		For Class 55 Rating, Add	*1,401.08*	
40 05 19 00-0428	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,659.06	1,357.39
		For Class 52 Rating, Deduct	*-946.26*	
		For Class 54 Rating, Add	*645.18*	
		For Class 55 Rating, Add	*1,434.02*	
40 05 19 00-0429	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,861.32	1,360.47
		For Class 52 Rating, Deduct	*-968.00*	
		For Class 54 Rating, Add	*660.00*	
		For Class 55 Rating, Add	*1,466.96*	
40 05 19 00-0430	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,063.58	1,363.55
		For Class 52 Rating, Deduct	*-989.74*	
		For Class 54 Rating, Add	*674.82*	
		For Class 55 Rating, Add	*1,499.90*	
40 05 19 00-0431	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,265.84	1,366.63
		For Class 52 Rating, Deduct	*-1,011.47*	
		For Class 54 Rating, Add	*689.64*	
		For Class 55 Rating, Add	*1,532.84*	
40 05 19 00-0432	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,468.11	1,369.70
		For Class 52 Rating, Deduct	*-1,033.21*	
		For Class 54 Rating, Add	*704.46*	
		For Class 55 Rating, Add	*1,565.78*	
40 05 19 00-0433	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,670.37	1,372.78
		For Class 52 Rating, Deduct	*-1,054.94*	
		For Class 54 Rating, Add	*719.28*	
		For Class 55 Rating, Add	*1,598.72*	
40 05 19 00-0434	EA	30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,872.63	1,375.86
		For Class 52 Rating, Deduct	*-1,076.68*	
		For Class 54 Rating, Add	*734.10*	
		For Class 55 Rating, Add	*1,631.66*	
40 05 19 00-0435	EA	30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,074.89	1,378.94
		For Class 52 Rating, Deduct	*-1,098.42*	
		For Class 54 Rating, Add	*748.92*	
		For Class 55 Rating, Add	*1,664.60*	
40 05 19 00-0436	EA	30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,277.17	1,382.01
		For Class 52 Rating, Deduct	*-1,120.15*	
		For Class 54 Rating, Add	*763.74*	
		For Class 55 Rating, Add	*1,697.54*	

40 05 19 00-0437 36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0438	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,544.00	1,606.71
		For Class 52 Rating, Deduct	*-452.06*	
		For Class 54 Rating, Add	*308.22*	
		For Class 55 Rating, Add	*685.07*	
40 05 19 00-0439	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,817.47	1,609.78
		For Class 52 Rating, Deduct	*-481.62*	
		For Class 54 Rating, Add	*328.38*	
		For Class 55 Rating, Add	*729.88*	
40 05 19 00-0440	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,090.93	1,612.86
		For Class 52 Rating, Deduct	*-511.19*	
		For Class 54 Rating, Add	*348.54*	
		For Class 55 Rating, Add	*774.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0441	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,364.40	1,615.94
		For Class 52 Rating, Deduct	*-540.76*	
		For Class 54 Rating, Add	*368.70*	
		For Class 55 Rating, Add	*819.50*	
40 05 19 00-0442	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,637.86	1,619.02
		For Class 52 Rating, Deduct	*-570.33*	
		For Class 54 Rating, Add	*388.86*	
		For Class 55 Rating, Add	*864.31*	
40 05 19 00-0443	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,911.33	1,622.10
		For Class 52 Rating, Deduct	*-599.90*	
		For Class 54 Rating, Add	*409.02*	
		For Class 55 Rating, Add	*909.12*	
40 05 19 00-0444	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,184.79	1,625.18
		For Class 52 Rating, Deduct	*-629.46*	
		For Class 54 Rating, Add	*429.18*	
		For Class 55 Rating, Add	*953.92*	
40 05 19 00-0445	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,458.25	1,628.25
		For Class 52 Rating, Deduct	*-659.03*	
		For Class 54 Rating, Add	*449.34*	
		For Class 55 Rating, Add	*998.73*	
40 05 19 00-0446	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,731.71	1,631.33
		For Class 52 Rating, Deduct	*-688.60*	
		For Class 54 Rating, Add	*469.50*	
		For Class 55 Rating, Add	*1,043.54*	
40 05 19 00-0447	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,005.18	1,634.41
		For Class 52 Rating, Deduct	*-718.17*	
		For Class 54 Rating, Add	*489.66*	
		For Class 55 Rating, Add	*1,088.35*	
40 05 19 00-0448	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,278.64	1,637.49
		For Class 52 Rating, Deduct	*-747.74*	
		For Class 54 Rating, Add	*509.82*	
		For Class 55 Rating, Add	*1,133.16*	
40 05 19 00-0449	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,552.11	1,640.57
		For Class 52 Rating, Deduct	*-777.30*	
		For Class 54 Rating, Add	*529.98*	
		For Class 55 Rating, Add	*1,177.97*	
40 05 19 00-0450	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,825.57	1,643.65
		For Class 52 Rating, Deduct	*-806.87*	
		For Class 54 Rating, Add	*550.14*	
		For Class 55 Rating, Add	*1,222.78*	
40 05 19 00-0451	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,099.03	1,646.72
		For Class 52 Rating, Deduct	*-836.44*	
		For Class 54 Rating, Add	*570.30*	
		For Class 55 Rating, Add	*1,267.59*	
40 05 19 00-0452	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,372.50	1,649.80
		For Class 52 Rating, Deduct	*-866.01*	
		For Class 54 Rating, Add	*590.46*	
		For Class 55 Rating, Add	*1,312.40*	
40 05 19 00-0453	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,645.96	1,652.87
		For Class 52 Rating, Deduct	*-895.58*	
		For Class 54 Rating, Add	*610.62*	
		For Class 55 Rating, Add	*1,357.20*	
40 05 19 00-0454	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,919.42	1,655.95
		For Class 52 Rating, Deduct	*-925.14*	
		For Class 54 Rating, Add	*630.78*	
		For Class 55 Rating, Add	*1,402.01*	
40 05 19 00-0455	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,192.88	1,659.03
		For Class 52 Rating, Deduct	*-954.71*	
		For Class 54 Rating, Add	*650.94*	
		For Class 55 Rating, Add	*1,446.82*	
40 05 19 00-0456	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,466.35	1,662.11
		For Class 52 Rating, Deduct	*-984.28*	
		For Class 54 Rating, Add	*671.10*	
		For Class 55 Rating, Add	*1,491.63*	
40 05 19 00-0457	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,739.81	1,665.19
		For Class 52 Rating, Deduct	*-1,013.85*	
		For Class 54 Rating, Add	*691.26*	
		For Class 55 Rating, Add	*1,536.44*	
40 05 19 00-0458	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,013.28	1,668.27
		For Class 52 Rating, Deduct	*-1,043.42*	
		For Class 54 Rating, Add	*711.42*	
		For Class 55 Rating, Add	*1,581.25*	
40 05 19 00-0459	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,286.74	1,671.35
		For Class 52 Rating, Deduct	*-1,072.98*	
		For Class 54 Rating, Add	*731.58*	
		For Class 55 Rating, Add	*1,626.06*	
40 05 19 00-0460	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,560.21	1,674.43
		For Class 52 Rating, Deduct	*-1,102.55*	
		For Class 54 Rating, Add	*751.74*	
		For Class 55 Rating, Add	*1,670.87*	
40 05 19 00-0461	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,833.67	1,677.50
		For Class 52 Rating, Deduct	*-1,132.12*	
		For Class 54 Rating, Add	*771.90*	
		For Class 55 Rating, Add	*1,715.68*	
40 05 19 00-0462	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,107.13	1,680.58
		For Class 52 Rating, Deduct	*-1,161.69*	
		For Class 54 Rating, Add	*792.06*	
		For Class 55 Rating, Add	*1,760.49*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0463		EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,380.59	1,683.66
			For Class 52 Rating, Deduct	*-1,191.26*	
			For Class 54 Rating, Add	*812.22*	
			For Class 55 Rating, Add	*1,805.29*	
40 05 19 00-0464		EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,654.06	1,686.73
			For Class 52 Rating, Deduct	*-1,220.82*	
			For Class 54 Rating, Add	*832.38*	
			For Class 55 Rating, Add	*1,850.10*	
40 05 19 00-0465		EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,927.52	1,689.81
			For Class 52 Rating, Deduct	*-1,250.39*	
			For Class 54 Rating, Add	*852.54*	
			For Class 55 Rating, Add	*1,894.91*	
40 05 19 00-0466		EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,200.99	1,692.89
			For Class 52 Rating, Deduct	*-1,279.96*	
			For Class 54 Rating, Add	*872.70*	
			For Class 55 Rating, Add	*1,939.72*	
40 05 19 00-0467		EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,474.45	1,695.97
			For Class 52 Rating, Deduct	*-1,309.53*	
			For Class 54 Rating, Add	*892.86*	
			For Class 55 Rating, Add	*1,984.53*	
40 05 19 00-0468		EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,747.92	1,699.05
			For Class 52 Rating, Deduct	*-1,339.10*	
			For Class 54 Rating, Add	*913.02*	
			For Class 55 Rating, Add	*2,029.34*	
40 05 19 00-0469		EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,021.38	1,702.13
			For Class 52 Rating, Deduct	*-1,368.66*	
			For Class 54 Rating, Add	*933.18*	
			For Class 55 Rating, Add	*2,074.15*	
40 05 19 00-0470		EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,294.84	1,705.20
			For Class 52 Rating, Deduct	*-1,398.23*	
			For Class 54 Rating, Add	*953.34*	
			For Class 55 Rating, Add	*2,118.96*	
40 05 19 00-0471		EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,568.30	1,708.28
			For Class 52 Rating, Deduct	*-1,427.80*	
			For Class 54 Rating, Add	*973.50*	
			For Class 55 Rating, Add	*2,163.77*	
40 05 19 00-0472		EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,841.77	1,711.36
			For Class 52 Rating, Deduct	*-1,457.37*	
			For Class 54 Rating, Add	*993.66*	
			For Class 55 Rating, Add	*2,208.57*	
40 05 19 00-0473		EA	36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,115.23	1,714.44
			For Class 52 Rating, Deduct	*-1,486.94*	
			For Class 54 Rating, Add	*1,013.82*	
			For Class 55 Rating, Add	*2,253.38*	
40 05 19 00-0474		EA	36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,388.69	1,717.52
			For Class 52 Rating, Deduct	*-1,516.50*	
			For Class 54 Rating, Add	*1,033.98*	
			For Class 55 Rating, Add	*2,298.19*	
40 05 19 00-0475		EA	36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,662.16	1,720.60
			For Class 52 Rating, Deduct	*-1,546.07*	
			For Class 54 Rating, Add	*1,054.14*	
			For Class 55 Rating, Add	*2,343.00*	

40 05 19 00-0476 42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0477		EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,551.05	2,025.31
			For Class 52 Rating, Deduct	*-603.06*	
			For Class 54 Rating, Add	*411.18*	
			For Class 55 Rating, Add	*913.92*	
40 05 19 00-0478		EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,957.33	2,028.39
			For Class 52 Rating, Deduct	*-647.24*	
			For Class 54 Rating, Add	*441.30*	
			For Class 55 Rating, Add	*980.86*	
40 05 19 00-0479		EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,358.79	2,031.47
			For Class 52 Rating, Deduct	*-690.89*	
			For Class 54 Rating, Add	*471.06*	
			For Class 55 Rating, Add	*1,047.01*	
40 05 19 00-0480		EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,764.25	2,034.55
			For Class 52 Rating, Deduct	*-734.98*	
			For Class 54 Rating, Add	*501.12*	
			For Class 55 Rating, Add	*1,113.82*	
40 05 19 00-0481		EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,165.71	2,037.62
			For Class 52 Rating, Deduct	*-778.62*	
			For Class 54 Rating, Add	*530.88*	
			For Class 55 Rating, Add	*1,179.97*	
40 05 19 00-0482		EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,571.97	2,040.70
			For Class 52 Rating, Deduct	*-822.80*	
			For Class 54 Rating, Add	*561.00*	
			For Class 55 Rating, Add	*1,246.92*	
40 05 19 00-0483		EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,972.64	2,043.78
			For Class 52 Rating, Deduct	*-866.36*	
			For Class 54 Rating, Add	*590.70*	
			For Class 55 Rating, Add	*1,312.93*	
40 05 19 00-0484		EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,378.90	2,046.86
			For Class 52 Rating, Deduct	*-910.54*	
			For Class 54 Rating, Add	*620.82*	
			For Class 55 Rating, Add	*1,379.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0485	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,780.36	2,049.94
		For Class 52 Rating, Deduct	*-954.18*	
		For Class 54 Rating, Add	*650.58*	
		For Class 55 Rating, Add	*1,446.02*	
40 05 19 00-0486	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,185.83	2,053.02
		For Class 52 Rating, Deduct	*-998.27*	
		For Class 54 Rating, Add	*680.64*	
		For Class 55 Rating, Add	*1,512.84*	
40 05 19 00-0487	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,587.30	2,056.10
		For Class 52 Rating, Deduct	*-1,041.92*	
		For Class 54 Rating, Add	*710.40*	
		For Class 55 Rating, Add	*1,578.98*	
40 05 19 00-0488	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,992.76	2,059.18
		For Class 52 Rating, Deduct	*-1,086.01*	
		For Class 54 Rating, Add	*740.46*	
		For Class 55 Rating, Add	*1,645.80*	
40 05 19 00-0489	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,394.22	2,062.25
		For Class 52 Rating, Deduct	*-1,129.66*	
		For Class 54 Rating, Add	*770.22*	
		For Class 55 Rating, Add	*1,711.94*	
40 05 19 00-0490	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,796.48	2,065.32
		For Class 52 Rating, Deduct	*-1,173.39*	
		For Class 54 Rating, Add	*800.04*	
		For Class 55 Rating, Add	*1,778.22*	
40 05 19 00-0491	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,201.15	2,068.40
		For Class 52 Rating, Deduct	*-1,217.39*	
		For Class 54 Rating, Add	*830.04*	
		For Class 55 Rating, Add	*1,844.90*	
40 05 19 00-0492	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,602.61	2,071.48
		For Class 52 Rating, Deduct	*-1,261.04*	
		For Class 54 Rating, Add	*859.80*	
		For Class 55 Rating, Add	*1,911.05*	
40 05 19 00-0493	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,008.87	2,074.56
		For Class 52 Rating, Deduct	*-1,305.22*	
		For Class 54 Rating, Add	*889.92*	
		For Class 55 Rating, Add	*1,978.00*	
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,410.33	2,077.64
		For Class 52 Rating, Deduct	*-1,348.86*	
		For Class 54 Rating, Add	*919.68*	
		For Class 55 Rating, Add	*2,044.14*	
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,815.81	2,080.72
		For Class 52 Rating, Deduct	*-1,392.95*	
		For Class 54 Rating, Add	*949.74*	
		For Class 55 Rating, Add	*2,110.96*	
40 05 19 00-0496	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,217.27	2,083.80
		For Class 52 Rating, Deduct	*-1,436.60*	
		For Class 54 Rating, Add	*979.50*	
		For Class 55 Rating, Add	*2,177.10*	
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,623.53	2,086.87
		For Class 52 Rating, Deduct	*-1,480.78*	
		For Class 54 Rating, Add	*1,009.62*	
		For Class 55 Rating, Add	*2,244.05*	
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,024.99	2,089.95
		For Class 52 Rating, Deduct	*-1,524.42*	
		For Class 54 Rating, Add	*1,039.38*	
		For Class 55 Rating, Add	*2,310.20*	
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,430.46	2,093.03
		For Class 52 Rating, Deduct	*-1,568.51*	
		For Class 54 Rating, Add	*1,069.44*	
		For Class 55 Rating, Add	*2,377.01*	
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,831.92	2,096.11
		For Class 52 Rating, Deduct	*-1,612.16*	
		For Class 54 Rating, Add	*1,099.20*	
		For Class 55 Rating, Add	*2,443.16*	
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,238.18	2,099.19
		For Class 52 Rating, Deduct	*-1,656.34*	
		For Class 54 Rating, Add	*1,129.32*	
		For Class 55 Rating, Add	*2,510.10*	
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,639.64	2,102.26
		For Class 52 Rating, Deduct	*-1,699.98*	
		For Class 54 Rating, Add	*1,159.08*	
		For Class 55 Rating, Add	*2,576.25*	
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,044.32	2,105.34
		For Class 52 Rating, Deduct	*-1,743.98*	
		For Class 54 Rating, Add	*1,189.08*	
		For Class 55 Rating, Add	*2,642.93*	
40 05 19 00-0504	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,446.58	2,108.42
		For Class 52 Rating, Deduct	*-1,787.72*	
		For Class 54 Rating, Add	*1,218.90*	
		For Class 55 Rating, Add	*2,709.21*	
40 05 19 00-0505	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,768.04	2,111.50
		For Class 52 Rating, Deduct	*-1,822.57*	
		For Class 54 Rating, Add	*1,242.66*	
		For Class 55 Rating, Add	*2,762.02*	
40 05 19 00-0506	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,253.50	2,114.57
		For Class 52 Rating, Deduct	*-1,875.46*	
		For Class 54 Rating, Add	*1,278.72*	
		For Class 55 Rating, Add	*2,842.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0507	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,654.97	2,117.65
		For Class 52 Rating, Deduct	*-1,919.10*	
		For Class 54 Rating, Add	*1,308.48*	
		For Class 55 Rating, Add	*2,908.31*	
40 05 19 00-0508	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,060.43	2,120.73
		For Class 52 Rating, Deduct	*-1,963.19*	
		For Class 54 Rating, Add	*1,338.54*	
		For Class 55 Rating, Add	*2,975.13*	
40 05 19 00-0509	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,461.89	2,123.81
		For Class 52 Rating, Deduct	*-2,006.84*	
		For Class 54 Rating, Add	*1,368.30*	
		For Class 55 Rating, Add	*3,041.27*	
40 05 19 00-0510	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,868.15	2,126.89
		For Class 52 Rating, Deduct	*-2,051.02*	
		For Class 54 Rating, Add	*1,398.42*	
		For Class 55 Rating, Add	*3,108.22*	
40 05 19 00-0511	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,268.81	2,129.97
		For Class 52 Rating, Deduct	*-2,094.58*	
		For Class 54 Rating, Add	*1,428.12*	
		For Class 55 Rating, Add	*3,174.23*	
40 05 19 00-0512	EA	42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,675.09	2,133.05
		For Class 52 Rating, Deduct	*-2,138.75*	
		For Class 54 Rating, Add	*1,458.24*	
		For Class 55 Rating, Add	*3,241.18*	
40 05 19 00-0513	EA	42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,076.55	2,136.13
		For Class 52 Rating, Deduct	*-2,182.40*	
		For Class 54 Rating, Add	*1,488.00*	
		For Class 55 Rating, Add	*3,307.33*	
40 05 19 00-0514	EA	42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,482.01	2,139.19
		For Class 52 Rating, Deduct	*-2,226.49*	
		For Class 54 Rating, Add	*1,518.06*	
		For Class 55 Rating, Add	*3,374.14*	

40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0516	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,730.41	2,545.50
		For Class 52 Rating, Deduct	*-756.10*	
		For Class 54 Rating, Add	*515.52*	
		For Class 55 Rating, Add	*1,145.83*	
40 05 19 00-0517	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,319.87	2,548.57
		For Class 52 Rating, Deduct	*-820.42*	
		For Class 54 Rating, Add	*559.38*	
		For Class 55 Rating, Add	*1,243.32*	
40 05 19 00-0518	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,908.54	2,551.65
		For Class 52 Rating, Deduct	*-884.66*	
		For Class 54 Rating, Add	*603.18*	
		For Class 55 Rating, Add	*1,340.67*	
40 05 19 00-0519	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,502.00	2,554.72
		For Class 52 Rating, Deduct	*-949.43*	
		For Class 54 Rating, Add	*647.34*	
		For Class 55 Rating, Add	*1,438.82*	
40 05 19 00-0520	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,091.46	2,557.80
		For Class 52 Rating, Deduct	*-1,013.76*	
		For Class 54 Rating, Add	*691.20*	
		For Class 55 Rating, Add	*1,536.31*	
40 05 19 00-0521	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,680.92	2,560.88
		For Class 52 Rating, Deduct	*-1,078.09*	
		For Class 54 Rating, Add	*735.06*	
		For Class 55 Rating, Add	*1,633.79*	
40 05 19 00-0522	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,273.59	2,563.96
		For Class 52 Rating, Deduct	*-1,142.77*	
		For Class 54 Rating, Add	*779.16*	
		For Class 55 Rating, Add	*1,731.81*	
40 05 19 00-0523	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,863.85	2,567.04
		For Class 52 Rating, Deduct	*-1,207.18*	
		For Class 54 Rating, Add	*823.08*	
		For Class 55 Rating, Add	*1,829.43*	
40 05 19 00-0524	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,452.52	2,570.12
		For Class 52 Rating, Deduct	*-1,271.42*	
		For Class 54 Rating, Add	*866.88*	
		For Class 55 Rating, Add	*1,926.79*	
40 05 19 00-0525	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,045.98	2,573.19
		For Class 52 Rating, Deduct	*-1,336.19*	
		For Class 54 Rating, Add	*911.04*	
		For Class 55 Rating, Add	*2,024.94*	
40 05 19 00-0526	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,635.45	2,576.27
		For Class 52 Rating, Deduct	*-1,400.52*	
		For Class 54 Rating, Add	*954.90*	
		For Class 55 Rating, Add	*2,122.42*	
40 05 19 00-0527	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,228.91	2,579.35
		For Class 52 Rating, Deduct	*-1,465.29*	
		For Class 54 Rating, Add	*999.06*	
		For Class 55 Rating, Add	*2,220.58*	
40 05 19 00-0528	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,817.57	2,582.43
		For Class 52 Rating, Deduct	*-1,529.53*	
		For Class 54 Rating, Add	*1,042.86*	
		For Class 55 Rating, Add	*2,317.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0529	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,407.03	2,585.51
		For Class 52 Rating, Deduct	*-1,593.86*	
		For Class 54 Rating, Add	*1,086.72*	
		For Class 55 Rating, Add	*2,415.42*	
40 05 19 00-0530	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,000.50	2,588.59
		For Class 52 Rating, Deduct	*-1,658.62*	
		For Class 54 Rating, Add	*1,130.88*	
		For Class 55 Rating, Add	*2,513.57*	
40 05 19 00-0531	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,589.96	2,591.67
		For Class 52 Rating, Deduct	*-1,722.95*	
		For Class 54 Rating, Add	*1,174.74*	
		For Class 55 Rating, Add	*2,611.06*	
40 05 19 00-0532	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,178.62	2,594.74
		For Class 52 Rating, Deduct	*-1,787.19*	
		For Class 54 Rating, Add	*1,218.54*	
		For Class 55 Rating, Add	*2,708.41*	
40 05 19 00-0533	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,772.09	2,597.82
		For Class 52 Rating, Deduct	*-1,851.96*	
		For Class 54 Rating, Add	*1,262.70*	
		For Class 55 Rating, Add	*2,806.56*	
40 05 19 00-0534	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,361.56	2,600.89
		For Class 52 Rating, Deduct	*-1,916.29*	
		For Class 54 Rating, Add	*1,306.56*	
		For Class 55 Rating, Add	*2,904.05*	
40 05 19 00-0535	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,950.22	2,603.97
		For Class 52 Rating, Deduct	*-1,980.53*	
		For Class 54 Rating, Add	*1,350.36*	
		For Class 55 Rating, Add	*3,001.40*	
40 05 19 00-0536	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,543.68	2,607.05
		For Class 52 Rating, Deduct	*-2,045.30*	
		For Class 54 Rating, Add	*1,394.52*	
		For Class 55 Rating, Add	*3,099.55*	
40 05 19 00-0537	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,133.94	2,610.13
		For Class 52 Rating, Deduct	*-2,109.71*	
		For Class 54 Rating, Add	*1,438.44*	
		For Class 55 Rating, Add	*3,197.17*	
40 05 19 00-0538	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,722.60	2,613.21
		For Class 52 Rating, Deduct	*-2,173.95*	
		For Class 54 Rating, Add	*1,482.24*	
		For Class 55 Rating, Add	*3,294.53*	
40 05 19 00-0539	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,316.07	2,616.29
		For Class 52 Rating, Deduct	*-2,238.72*	
		For Class 54 Rating, Add	*1,526.40*	
		For Class 55 Rating, Add	*3,392.68*	
40 05 19 00-0540	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,905.53	2,619.37
		For Class 52 Rating, Deduct	*-2,303.05*	
		For Class 54 Rating, Add	*1,570.26*	
		For Class 55 Rating, Add	*3,490.16*	
40 05 19 00-0541	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,494.20	2,622.45
		For Class 52 Rating, Deduct	*-2,367.29*	
		For Class 54 Rating, Add	*1,614.06*	
		For Class 55 Rating, Add	*3,587.52*	
40 05 19 00-0542	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,087.66	2,625.52
		For Class 52 Rating, Deduct	*-2,432.06*	
		For Class 54 Rating, Add	*1,658.22*	
		For Class 55 Rating, Add	*3,685.67*	
40 05 19 00-0543	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,677.13	2,628.60
		For Class 52 Rating, Deduct	*-2,496.38*	
		For Class 54 Rating, Add	*1,702.08*	
		For Class 55 Rating, Add	*3,783.16*	
40 05 19 00-0544	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,194.59	2,631.67
		For Class 52 Rating, Deduct	*-2,552.79*	
		For Class 54 Rating, Add	*1,740.54*	
		For Class 55 Rating, Add	*3,868.64*	
40 05 19 00-0545	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,860.05	2,634.75
		For Class 52 Rating, Deduct	*-2,625.48*	
		For Class 54 Rating, Add	*1,790.10*	
		For Class 55 Rating, Add	*3,978.80*	
40 05 19 00-0546	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,448.71	2,637.83
		For Class 52 Rating, Deduct	*-2,689.72*	
		For Class 54 Rating, Add	*1,833.90*	
		For Class 55 Rating, Add	*4,076.15*	
40 05 19 00-0547	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,042.98	2,640.91
		For Class 52 Rating, Deduct	*-2,754.58*	
		For Class 54 Rating, Add	*1,878.12*	
		For Class 55 Rating, Add	*4,174.43*	
40 05 19 00-0548	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,631.64	2,643.99
		For Class 52 Rating, Deduct	*-2,818.82*	
		For Class 54 Rating, Add	*1,921.92*	
		For Class 55 Rating, Add	*4,271.79*	
40 05 19 00-0549	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,220.30	2,647.07
		For Class 52 Rating, Deduct	*-2,883.06*	
		For Class 54 Rating, Add	*1,965.72*	
		For Class 55 Rating, Add	*4,369.14*	
40 05 19 00-0550	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,814.57	2,650.14
		For Class 52 Rating, Deduct	*-2,947.91*	
		For Class 54 Rating, Add	*2,009.94*	
		For Class 55 Rating, Add	*4,467.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0551	EA	48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,403.24	2,653.22
		For Class 52 Rating, Deduct	*-3,012.15*	
		For Class 54 Rating, Add	*2,053.74*	
		For Class 55 Rating, Add	*4,564.78*	
40 05 19 00-0552	EA	48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,992.70	2,656.30
		For Class 52 Rating, Deduct	*-3,076.48*	
		For Class 54 Rating, Add	*2,097.60*	
		For Class 55 Rating, Add	*4,662.27*	
40 05 19 00-0553	EA	48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,586.16	2,659.38
		For Class 52 Rating, Deduct	*-3,141.25*	
		For Class 54 Rating, Add	*2,141.76*	
		For Class 55 Rating, Add	*4,760.42*	

40 05 19 00-0554 Flanged End x Grooved End (FxG), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0555 4" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0556	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	349.41	140.85
		For Class 52 Rating, Deduct	*-14.96*	
		For Class 54 Rating, Add	*10.20*	
		For Class 55 Rating, Add	*22.67*	
40 05 19 00-0557	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	373.94	143.31
		For Class 52 Rating, Deduct	*-17.25*	
		For Class 54 Rating, Add	*11.76*	
		For Class 55 Rating, Add	*26.14*	
40 05 19 00-0558	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	398.47	145.78
		For Class 52 Rating, Deduct	*-19.54*	
		For Class 54 Rating, Add	*13.32*	
		For Class 55 Rating, Add	*29.61*	
40 05 19 00-0559	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	423.00	148.24
		For Class 52 Rating, Deduct	*-21.82*	
		For Class 54 Rating, Add	*14.88*	
		For Class 55 Rating, Add	*33.07*	
40 05 19 00-0560	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	447.53	150.70
		For Class 52 Rating, Deduct	*-24.11*	
		For Class 54 Rating, Add	*16.44*	
		For Class 55 Rating, Add	*36.54*	
40 05 19 00-0561	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	472.06	153.16
		For Class 52 Rating, Deduct	*-26.40*	
		For Class 54 Rating, Add	*18.00*	
		For Class 55 Rating, Add	*40.01*	
40 05 19 00-0562	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	496.59	155.63
		For Class 52 Rating, Deduct	*-28.69*	
		For Class 54 Rating, Add	*19.56*	
		For Class 55 Rating, Add	*43.48*	
40 05 19 00-0563	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	521.13	158.09
		For Class 52 Rating, Deduct	*-30.98*	
		For Class 54 Rating, Add	*21.12*	
		For Class 55 Rating, Add	*46.94*	
40 05 19 00-0564	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	545.65	160.55
		For Class 52 Rating, Deduct	*-33.26*	
		For Class 54 Rating, Add	*22.68*	
		For Class 55 Rating, Add	*50.41*	
40 05 19 00-0565	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	570.18	163.01
		For Class 52 Rating, Deduct	*-35.55*	
		For Class 54 Rating, Add	*24.24*	
		For Class 55 Rating, Add	*53.88*	
40 05 19 00-0566	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	594.72	165.48
		For Class 52 Rating, Deduct	*-37.84*	
		For Class 54 Rating, Add	*25.80*	
		For Class 55 Rating, Add	*57.34*	
40 05 19 00-0567	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	619.25	167.94
		For Class 52 Rating, Deduct	*-40.13*	
		For Class 54 Rating, Add	*27.36*	
		For Class 55 Rating, Add	*60.81*	
40 05 19 00-0568	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	643.78	170.40
		For Class 52 Rating, Deduct	*-42.42*	
		For Class 54 Rating, Add	*28.92*	
		For Class 55 Rating, Add	*64.28*	
40 05 19 00-0569	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	668.31	172.86
		For Class 52 Rating, Deduct	*-44.70*	
		For Class 54 Rating, Add	*30.48*	
		For Class 55 Rating, Add	*67.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0570	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	692.84	175.33
		For Class 52 Rating, Deduct	*-46.99*	
		For Class 54 Rating, Add	*32.04*	
		For Class 55 Rating, Add	*71.21*	
40 05 19 00-0571	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	717.37	177.78
		For Class 52 Rating, Deduct	*-49.28*	
		For Class 54 Rating, Add	*33.60*	
		For Class 55 Rating, Add	*74.68*	
40 05 19 00-0572	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	741.90	180.25
		For Class 52 Rating, Deduct	*-51.57*	
		For Class 54 Rating, Add	*35.16*	
		For Class 55 Rating, Add	*78.15*	
40 05 19 00-0573	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	766.43	182.71
		For Class 52 Rating, Deduct	*-53.86*	
		For Class 54 Rating, Add	*36.72*	
		For Class 55 Rating, Add	*81.62*	
40 05 19 00-0574	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	790.96	185.18
		For Class 52 Rating, Deduct	*-56.14*	
		For Class 54 Rating, Add	*38.28*	
		For Class 55 Rating, Add	*85.08*	
40 05 19 00-0575	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	815.49	187.63
		For Class 52 Rating, Deduct	*-58.43*	
		For Class 54 Rating, Add	*39.84*	
		For Class 55 Rating, Add	*88.55*	
40 05 19 00-0576	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	840.03	190.10
		For Class 52 Rating, Deduct	*-60.72*	
		For Class 54 Rating, Add	*41.40*	
		For Class 55 Rating, Add	*92.02*	
40 05 19 00-0577	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	864.56	192.56
		For Class 52 Rating, Deduct	*-63.01*	
		For Class 54 Rating, Add	*42.96*	
		For Class 55 Rating, Add	*95.49*	
40 05 19 00-0578	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	889.08	195.03
		For Class 52 Rating, Deduct	*-65.30*	
		For Class 54 Rating, Add	*44.52*	
		For Class 55 Rating, Add	*98.95*	
40 05 19 00-0579	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	913.61	197.48
		For Class 52 Rating, Deduct	*-67.58*	
		For Class 54 Rating, Add	*46.08*	
		For Class 55 Rating, Add	*102.42*	
40 05 19 00-0580	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	938.15	199.95
		For Class 52 Rating, Deduct	*-69.87*	
		For Class 54 Rating, Add	*47.64*	
		For Class 55 Rating, Add	*105.89*	
40 05 19 00-0581	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	962.68	202.41
		For Class 52 Rating, Deduct	*-72.16*	
		For Class 54 Rating, Add	*49.20*	
		For Class 55 Rating, Add	*109.36*	
40 05 19 00-0582	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	987.21	204.88
		For Class 52 Rating, Deduct	*-74.45*	
		For Class 54 Rating, Add	*50.76*	
		For Class 55 Rating, Add	*112.82*	
40 05 19 00-0583	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,011.74	207.33
		For Class 52 Rating, Deduct	*-76.74*	
		For Class 54 Rating, Add	*52.32*	
		For Class 55 Rating, Add	*116.29*	
40 05 19 00-0584	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,036.27	209.80
		For Class 52 Rating, Deduct	*-79.02*	
		For Class 54 Rating, Add	*53.88*	
		For Class 55 Rating, Add	*119.76*	
40 05 19 00-0585	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,060.80	212.26
		For Class 52 Rating, Deduct	*-81.31*	
		For Class 54 Rating, Add	*55.44*	
		For Class 55 Rating, Add	*123.22*	
40 05 19 00-0586	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,085.34	214.72
		For Class 52 Rating, Deduct	*-83.60*	
		For Class 54 Rating, Add	*57.00*	
		For Class 55 Rating, Add	*126.69*	
40 05 19 00-0587	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,109.87	217.18
		For Class 52 Rating, Deduct	*-85.89*	
		For Class 54 Rating, Add	*58.56*	
		For Class 55 Rating, Add	*130.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0588	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,134.39	219.65
		For Class 52 Rating, Deduct	*-88.18*	
		For Class 54 Rating, Add	*60.12*	
		For Class 55 Rating, Add	*133.63*	
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,158.92	222.11
		For Class 52 Rating, Deduct	*-90.46*	
		For Class 54 Rating, Add	*61.68*	
		For Class 55 Rating, Add	*137.09*	
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,183.46	224.57
		For Class 52 Rating, Deduct	*-92.75*	
		For Class 54 Rating, Add	*63.24*	
		For Class 55 Rating, Add	*140.56*	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,207.99	227.03
		For Class 52 Rating, Deduct	*-95.04*	
		For Class 54 Rating, Add	*64.80*	
		For Class 55 Rating, Add	*144.03*	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,232.52	229.50
		For Class 52 Rating, Deduct	*-97.33*	
		For Class 54 Rating, Add	*66.36*	
		For Class 55 Rating, Add	*147.50*	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,257.05	231.96
		For Class 52 Rating, Deduct	*-99.62*	
		For Class 54 Rating, Add	*67.92*	
		For Class 55 Rating, Add	*150.96*	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,281.58	234.42
		For Class 52 Rating, Deduct	*-101.90*	
		For Class 54 Rating, Add	*69.48*	
		For Class 55 Rating, Add	*154.43*	

40 05 19 00-0595 6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	437.42	177.29
		For Class 52 Rating, Deduct	*-18.57*	
		For Class 54 Rating, Add	*12.66*	
		For Class 55 Rating, Add	*28.14*	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	466.76	179.76
		For Class 52 Rating, Deduct	*-21.38*	
		For Class 54 Rating, Add	*14.58*	
		For Class 55 Rating, Add	*32.41*	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	496.09	182.21
		For Class 52 Rating, Deduct	*-24.20*	
		For Class 54 Rating, Add	*16.50*	
		For Class 55 Rating, Add	*36.67*	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	525.42	184.68
		For Class 52 Rating, Deduct	*-27.02*	
		For Class 54 Rating, Add	*18.42*	
		For Class 55 Rating, Add	*40.94*	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	554.74	187.14
		For Class 52 Rating, Deduct	*-29.83*	
		For Class 54 Rating, Add	*20.34*	
		For Class 55 Rating, Add	*45.21*	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	584.08	189.61
		For Class 52 Rating, Deduct	*-32.65*	
		For Class 54 Rating, Add	*22.26*	
		For Class 55 Rating, Add	*49.48*	
40 05 19 00-0602	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	613.41	192.06
		For Class 52 Rating, Deduct	*-35.46*	
		For Class 54 Rating, Add	*24.18*	
		For Class 55 Rating, Add	*53.74*	
40 05 19 00-0603	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	642.74	194.53
		For Class 52 Rating, Deduct	*-38.28*	
		For Class 54 Rating, Add	*26.10*	
		For Class 55 Rating, Add	*58.01*	
40 05 19 00-0604	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	672.07	196.99
		For Class 52 Rating, Deduct	*-41.10*	
		For Class 54 Rating, Add	*28.02*	
		For Class 55 Rating, Add	*62.28*	
40 05 19 00-0605	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	701.40	199.46
		For Class 52 Rating, Deduct	*-43.91*	
		For Class 54 Rating, Add	*29.94*	
		For Class 55 Rating, Add	*66.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0606	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	730.73	201.91
		For Class 52 Rating, Deduct	*-46.73*	
		For Class 54 Rating, Add	*31.86*	
		For Class 55 Rating, Add	*70.81*	
40 05 19 00-0607	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	760.07	204.38
		For Class 52 Rating, Deduct	*-49.54*	
		For Class 54 Rating, Add	*33.78*	
		For Class 55 Rating, Add	*75.08*	
40 05 19 00-0608	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	789.40	206.84
		For Class 52 Rating, Deduct	*-52.36*	
		For Class 54 Rating, Add	*35.70*	
		For Class 55 Rating, Add	*79.35*	
40 05 19 00-0609	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	818.72	209.30
		For Class 52 Rating, Deduct	*-55.18*	
		For Class 54 Rating, Add	*37.62*	
		For Class 55 Rating, Add	*83.62*	
40 05 19 00-0610	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	848.05	211.76
		For Class 52 Rating, Deduct	*-57.99*	
		For Class 54 Rating, Add	*39.54*	
		For Class 55 Rating, Add	*87.88*	
40 05 19 00-0611	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	877.39	214.23
		For Class 52 Rating, Deduct	*-60.81*	
		For Class 54 Rating, Add	*41.46*	
		For Class 55 Rating, Add	*92.15*	
40 05 19 00-0612	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	906.72	216.69
		For Class 52 Rating, Deduct	*-63.62*	
		For Class 54 Rating, Add	*43.38*	
		For Class 55 Rating, Add	*96.42*	
40 05 19 00-0613	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	936.05	219.15
		For Class 52 Rating, Deduct	*-66.44*	
		For Class 54 Rating, Add	*45.30*	
		For Class 55 Rating, Add	*100.69*	
40 05 19 00-0614	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	965.38	221.61
		For Class 52 Rating, Deduct	*-69.26*	
		For Class 54 Rating, Add	*47.22*	
		For Class 55 Rating, Add	*104.95*	
40 05 19 00-0615	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	994.71	224.08
		For Class 52 Rating, Deduct	*-72.07*	
		For Class 54 Rating, Add	*49.14*	
		For Class 55 Rating, Add	*109.22*	
40 05 19 00-0616	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,024.04	226.54
		For Class 52 Rating, Deduct	*-74.89*	
		For Class 54 Rating, Add	*51.06*	
		For Class 55 Rating, Add	*113.49*	
40 05 19 00-0617	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,053.37	229.00
		For Class 52 Rating, Deduct	*-77.70*	
		For Class 54 Rating, Add	*52.98*	
		For Class 55 Rating, Add	*117.76*	
40 05 19 00-0618	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,082.71	231.46
		For Class 52 Rating, Deduct	*-80.52*	
		For Class 54 Rating, Add	*54.90*	
		For Class 55 Rating, Add	*122.02*	
40 05 19 00-0619	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,112.03	233.93
		For Class 52 Rating, Deduct	*-83.34*	
		For Class 54 Rating, Add	*56.82*	
		For Class 55 Rating, Add	*126.29*	
40 05 19 00-0620	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,141.36	236.39
		For Class 52 Rating, Deduct	*-86.15*	
		For Class 54 Rating, Add	*58.74*	
		For Class 55 Rating, Add	*130.56*	
40 05 19 00-0621	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,170.70	238.85
		For Class 52 Rating, Deduct	*-88.97*	
		For Class 54 Rating, Add	*60.66*	
		For Class 55 Rating, Add	*134.83*	
40 05 19 00-0622	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,200.03	241.31
		For Class 52 Rating, Deduct	*-91.78*	
		For Class 54 Rating, Add	*62.58*	
		For Class 55 Rating, Add	*139.09*	
40 05 19 00-0623	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,229.36	243.78
		For Class 52 Rating, Deduct	*-94.60*	
		For Class 54 Rating, Add	*64.50*	
		For Class 55 Rating, Add	*143.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0624	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,258.69	246.23
		For Class 52 Rating, Deduct	*-97.42*	
		For Class 54 Rating, Add	*66.42*	
		For Class 55 Rating, Add	*147.63*	
40 05 19 00-0625	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,288.02	248.70
		For Class 52 Rating, Deduct	*-100.23*	
		For Class 54 Rating, Add	*68.34*	
		For Class 55 Rating, Add	*151.90*	
40 05 19 00-0626	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,317.35	251.16
		For Class 52 Rating, Deduct	*-103.05*	
		For Class 54 Rating, Add	*70.26*	
		For Class 55 Rating, Add	*156.16*	
40 05 19 00-0627	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,346.68	253.63
		For Class 52 Rating, Deduct	*-105.86*	
		For Class 54 Rating, Add	*72.18*	
		For Class 55 Rating, Add	*160.43*	
40 05 19 00-0628	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,376.02	256.08
		For Class 52 Rating, Deduct	*-108.68*	
		For Class 54 Rating, Add	*74.10*	
		For Class 55 Rating, Add	*164.70*	
40 05 19 00-0629	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,405.34	258.55
		For Class 52 Rating, Deduct	*-111.50*	
		For Class 54 Rating, Add	*76.02*	
		For Class 55 Rating, Add	*168.97*	
40 05 19 00-0630	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,434.67	261.01
		For Class 52 Rating, Deduct	*-114.31*	
		For Class 54 Rating, Add	*77.94*	
		For Class 55 Rating, Add	*173.23*	
40 05 19 00-0631	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,464.01	263.48
		For Class 52 Rating, Deduct	*-117.13*	
		For Class 54 Rating, Add	*79.86*	
		For Class 55 Rating, Add	*177.50*	
40 05 19 00-0632	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,493.34	265.93
		For Class 52 Rating, Deduct	*-119.94*	
		For Class 54 Rating, Add	*81.78*	
		For Class 55 Rating, Add	*181.77*	
40 05 19 00-0633	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,522.67	268.40
		For Class 52 Rating, Deduct	*-122.76*	
		For Class 54 Rating, Add	*83.70*	
		For Class 55 Rating, Add	*186.04*	
40 05 19 00-0634	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,551.99	270.86
		For Class 52 Rating, Deduct	*-125.58*	
		For Class 54 Rating, Add	*85.62*	
		For Class 55 Rating, Add	*190.30*	

40 05 19 00-0635 8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0636	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	589.64	226.54
		For Class 52 Rating, Deduct	*-27.10*	
		For Class 54 Rating, Add	*18.48*	
		For Class 55 Rating, Add	*41.07*	
40 05 19 00-0637	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	628.57	229.00
		For Class 52 Rating, Deduct	*-30.98*	
		For Class 54 Rating, Add	*21.12*	
		For Class 55 Rating, Add	*46.94*	
40 05 19 00-0638	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	667.51	231.46
		For Class 52 Rating, Deduct	*-34.85*	
		For Class 54 Rating, Add	*23.76*	
		For Class 55 Rating, Add	*52.81*	
40 05 19 00-0639	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	706.43	233.93
		For Class 52 Rating, Deduct	*-38.72*	
		For Class 54 Rating, Add	*26.40*	
		For Class 55 Rating, Add	*58.68*	
40 05 19 00-0640	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	745.36	236.39
		For Class 52 Rating, Deduct	*-42.59*	
		For Class 54 Rating, Add	*29.04*	
		For Class 55 Rating, Add	*64.55*	
40 05 19 00-0641	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	784.30	238.85
		For Class 52 Rating, Deduct	*-46.46*	
		For Class 54 Rating, Add	*31.68*	
		For Class 55 Rating, Add	*70.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0642	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	823.23	241.31
		For Class 52 Rating, Deduct	*-50.34*	
		For Class 54 Rating, Add	*34.32*	
		For Class 55 Rating, Add	*76.28*	
40 05 19 00-0643	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	862.16	243.78
		For Class 52 Rating, Deduct	*-54.21*	
		For Class 54 Rating, Add	*36.96*	
		For Class 55 Rating, Add	*82.15*	
40 05 19 00-0644	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	901.09	246.23
		For Class 52 Rating, Deduct	*-58.08*	
		For Class 54 Rating, Add	*39.60*	
		For Class 55 Rating, Add	*88.02*	
40 05 19 00-0645	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	940.02	248.70
		For Class 52 Rating, Deduct	*-61.95*	
		For Class 54 Rating, Add	*42.24*	
		For Class 55 Rating, Add	*93.89*	
40 05 19 00-0646	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	978.95	251.16
		For Class 52 Rating, Deduct	*-65.82*	
		For Class 54 Rating, Add	*44.88*	
		For Class 55 Rating, Add	*99.75*	
40 05 19 00-0647	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,017.88	253.63
		For Class 52 Rating, Deduct	*-69.70*	
		For Class 54 Rating, Add	*47.52*	
		For Class 55 Rating, Add	*105.62*	
40 05 19 00-0648	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,056.82	256.08
		For Class 52 Rating, Deduct	*-73.57*	
		For Class 54 Rating, Add	*50.16*	
		For Class 55 Rating, Add	*111.49*	
40 05 19 00-0649	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,095.74	258.55
		For Class 52 Rating, Deduct	*-77.44*	
		For Class 54 Rating, Add	*52.80*	
		For Class 55 Rating, Add	*117.36*	
40 05 19 00-0650	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,134.67	261.01
		For Class 52 Rating, Deduct	*-81.31*	
		For Class 54 Rating, Add	*55.44*	
		For Class 55 Rating, Add	*123.22*	
40 05 19 00-0651	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,173.61	263.48
		For Class 52 Rating, Deduct	*-85.18*	
		For Class 54 Rating, Add	*58.08*	
		For Class 55 Rating, Add	*129.09*	
40 05 19 00-0652	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,212.54	265.93
		For Class 52 Rating, Deduct	*-89.06*	
		For Class 54 Rating, Add	*60.72*	
		For Class 55 Rating, Add	*134.96*	
40 05 19 00-0653	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,251.47	268.40
		For Class 52 Rating, Deduct	*-92.93*	
		For Class 54 Rating, Add	*63.36*	
		For Class 55 Rating, Add	*140.83*	
40 05 19 00-0654	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,290.39	270.86
		For Class 52 Rating, Deduct	*-96.80*	
		For Class 54 Rating, Add	*66.00*	
		For Class 55 Rating, Add	*146.70*	
40 05 19 00-0655	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,329.33	273.33
		For Class 52 Rating, Deduct	*-100.67*	
		For Class 54 Rating, Add	*68.64*	
		For Class 55 Rating, Add	*152.56*	
40 05 19 00-0656	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,368.26	275.78
		For Class 52 Rating, Deduct	*-104.54*	
		For Class 54 Rating, Add	*71.28*	
		For Class 55 Rating, Add	*158.43*	
40 05 19 00-0657	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,407.19	278.25
		For Class 52 Rating, Deduct	*-108.42*	
		For Class 54 Rating, Add	*73.92*	
		For Class 55 Rating, Add	*164.30*	
40 05 19 00-0658	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,446.12	280.71
		For Class 52 Rating, Deduct	*-112.29*	
		For Class 54 Rating, Add	*76.56*	
		For Class 55 Rating, Add	*170.17*	
40 05 19 00-0659	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,485.05	283.18
		For Class 52 Rating, Deduct	*-116.16*	
		For Class 54 Rating, Add	*79.20*	
		For Class 55 Rating, Add	*176.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0660	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,523.98	285.63
		For Class 52 Rating, Deduct	*-120.03*	
		For Class 54 Rating, Add	*81.84*	
		For Class 55 Rating, Add	*181.90*	
40 05 19 00-0661	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,562.92	288.10
		For Class 52 Rating, Deduct	*-123.90*	
		For Class 54 Rating, Add	*84.48*	
		For Class 55 Rating, Add	*187.77*	
40 05 19 00-0662	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,601.85	290.56
		For Class 52 Rating, Deduct	*-127.78*	
		For Class 54 Rating, Add	*87.12*	
		For Class 55 Rating, Add	*193.64*	
40 05 19 00-0663	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,640.77	293.02
		For Class 52 Rating, Deduct	*-131.65*	
		For Class 54 Rating, Add	*89.76*	
		For Class 55 Rating, Add	*199.51*	
40 05 19 00-0664	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,679.70	295.48
		For Class 52 Rating, Deduct	*-135.52*	
		For Class 54 Rating, Add	*92.40*	
		For Class 55 Rating, Add	*205.37*	
40 05 19 00-0665	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,718.64	297.95
		For Class 52 Rating, Deduct	*-139.39*	
		For Class 54 Rating, Add	*95.04*	
		For Class 55 Rating, Add	*211.24*	
40 05 19 00-0666	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,757.57	300.41
		For Class 52 Rating, Deduct	*-143.26*	
		For Class 54 Rating, Add	*97.68*	
		For Class 55 Rating, Add	*217.11*	
40 05 19 00-0667	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,796.50	302.87
		For Class 52 Rating, Deduct	*-147.14*	
		For Class 54 Rating, Add	*100.32*	
		For Class 55 Rating, Add	*222.98*	
40 05 19 00-0668	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,835.43	305.33
		For Class 52 Rating, Deduct	*-151.01*	
		For Class 54 Rating, Add	*102.96*	
		For Class 55 Rating, Add	*228.85*	
40 05 19 00-0669	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,874.36	307.80
		For Class 52 Rating, Deduct	*-154.88*	
		For Class 54 Rating, Add	*105.60*	
		For Class 55 Rating, Add	*234.71*	
40 05 19 00-0670	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,913.29	310.26
		For Class 52 Rating, Deduct	*-158.75*	
		For Class 54 Rating, Add	*108.24*	
		For Class 55 Rating, Add	*240.58*	
40 05 19 00-0671	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,952.23	312.72
		For Class 52 Rating, Deduct	*-162.62*	
		For Class 54 Rating, Add	*110.88*	
		For Class 55 Rating, Add	*246.45*	
40 05 19 00-0672	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,991.16	315.18
		For Class 52 Rating, Deduct	*-166.50*	
		For Class 54 Rating, Add	*113.52*	
		For Class 55 Rating, Add	*252.32*	
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,030.08	317.65
		For Class 52 Rating, Deduct	*-170.37*	
		For Class 54 Rating, Add	*116.16*	
		For Class 55 Rating, Add	*258.18*	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,069.01	320.11
		For Class 52 Rating, Deduct	*-174.24*	
		For Class 54 Rating, Add	*118.80*	
		For Class 55 Rating, Add	*264.05*	

40 05 19 00-0675 10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	733.06	275.78
		For Class 52 Rating, Deduct	*-34.67*	
		For Class 54 Rating, Add	*23.64*	
		For Class 55 Rating, Add	*52.54*	
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	783.19	278.25
		For Class 52 Rating, Deduct	*-39.78*	
		For Class 54 Rating, Add	*27.12*	
		For Class 55 Rating, Add	*60.28*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0678	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	833.32	280.71
		For Class 52 Rating, Deduct	*-44.88*	
		For Class 54 Rating, Add	*30.60*	
		For Class 55 Rating, Add	*68.01*	
40 05 19 00-0679	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	883.45	283.18
		For Class 52 Rating, Deduct	*-49.98*	
		For Class 54 Rating, Add	*34.08*	
		For Class 55 Rating, Add	*75.75*	
40 05 19 00-0680	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	933.58	285.63
		For Class 52 Rating, Deduct	*-55.09*	
		For Class 54 Rating, Add	*37.56*	
		For Class 55 Rating, Add	*83.48*	
40 05 19 00-0681	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	983.72	288.10
		For Class 52 Rating, Deduct	*-60.19*	
		For Class 54 Rating, Add	*41.04*	
		For Class 55 Rating, Add	*91.22*	
40 05 19 00-0682	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,033.85	290.56
		For Class 52 Rating, Deduct	*-65.30*	
		For Class 54 Rating, Add	*44.52*	
		For Class 55 Rating, Add	*98.95*	
40 05 19 00-0683	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,083.97	293.02
		For Class 52 Rating, Deduct	*-70.40*	
		For Class 54 Rating, Add	*48.00*	
		For Class 55 Rating, Add	*106.69*	
40 05 19 00-0684	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,134.10	295.48
		For Class 52 Rating, Deduct	*-75.50*	
		For Class 54 Rating, Add	*51.48*	
		For Class 55 Rating, Add	*114.42*	
40 05 19 00-0685	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,184.24	297.95
		For Class 52 Rating, Deduct	*-80.61*	
		For Class 54 Rating, Add	*54.96*	
		For Class 55 Rating, Add	*122.16*	
40 05 19 00-0686	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,234.37	300.41
		For Class 52 Rating, Deduct	*-85.71*	
		For Class 54 Rating, Add	*58.44*	
		For Class 55 Rating, Add	*129.89*	
40 05 19 00-0687	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,284.50	302.87
		For Class 52 Rating, Deduct	*-90.82*	
		For Class 54 Rating, Add	*61.92*	
		For Class 55 Rating, Add	*137.63*	
40 05 19 00-0688	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,334.63	305.33
		For Class 52 Rating, Deduct	*-95.92*	
		For Class 54 Rating, Add	*65.40*	
		For Class 55 Rating, Add	*145.36*	
40 05 19 00-0689	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,384.76	307.80
		For Class 52 Rating, Deduct	*-101.02*	
		For Class 54 Rating, Add	*68.88*	
		For Class 55 Rating, Add	*153.10*	
40 05 19 00-0690	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,434.89	310.26
		For Class 52 Rating, Deduct	*-106.13*	
		For Class 54 Rating, Add	*72.36*	
		For Class 55 Rating, Add	*160.83*	
40 05 19 00-0691	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,485.03	312.72
		For Class 52 Rating, Deduct	*-111.23*	
		For Class 54 Rating, Add	*75.84*	
		For Class 55 Rating, Add	*168.57*	
40 05 19 00-0692	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,535.16	315.18
		For Class 52 Rating, Deduct	*-116.34*	
		For Class 54 Rating, Add	*79.32*	
		For Class 55 Rating, Add	*176.30*	
40 05 19 00-0693	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,585.28	317.65
		For Class 52 Rating, Deduct	*-121.44*	
		For Class 54 Rating, Add	*82.80*	
		For Class 55 Rating, Add	*184.04*	
40 05 19 00-0694	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,635.41	320.11
		For Class 52 Rating, Deduct	*-126.54*	
		For Class 54 Rating, Add	*86.28*	
		For Class 55 Rating, Add	*191.77*	
40 05 19 00-0695	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,685.55	322.57
		For Class 52 Rating, Deduct	*-131.65*	
		For Class 54 Rating, Add	*89.76*	
		For Class 55 Rating, Add	*199.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0696	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,735.68	325.03
		For Class 52 Rating, Deduct	*-136.75*	
		For Class 54 Rating, Add	*93.24*	
		For Class 55 Rating, Add	*207.24*	
40 05 19 00-0697	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,785.81	327.50
		For Class 52 Rating, Deduct	*-141.86*	
		For Class 54 Rating, Add	*96.72*	
		For Class 55 Rating, Add	*214.98*	
40 05 19 00-0698	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,835.94	329.96
		For Class 52 Rating, Deduct	*-146.96*	
		For Class 54 Rating, Add	*100.20*	
		For Class 55 Rating, Add	*222.71*	
40 05 19 00-0699	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,886.07	332.42
		For Class 52 Rating, Deduct	*-152.06*	
		For Class 54 Rating, Add	*103.68*	
		For Class 55 Rating, Add	*230.45*	
40 05 19 00-0700	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,936.20	334.89
		For Class 52 Rating, Deduct	*-157.17*	
		For Class 54 Rating, Add	*107.16*	
		For Class 55 Rating, Add	*238.18*	
40 05 19 00-0701	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,986.33	337.35
		For Class 52 Rating, Deduct	*-162.27*	
		For Class 54 Rating, Add	*110.64*	
		For Class 55 Rating, Add	*245.92*	
40 05 19 00-0702	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,036.47	339.81
		For Class 52 Rating, Deduct	*-167.38*	
		For Class 54 Rating, Add	*114.12*	
		For Class 55 Rating, Add	*253.65*	
40 05 19 00-0703	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,086.59	342.27
		For Class 52 Rating, Deduct	*-172.48*	
		For Class 54 Rating, Add	*117.60*	
		For Class 55 Rating, Add	*261.39*	
40 05 19 00-0704	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,136.72	344.74
		For Class 52 Rating, Deduct	*-177.58*	
		For Class 54 Rating, Add	*121.08*	
		For Class 55 Rating, Add	*269.12*	
40 05 19 00-0705	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,186.86	347.20
		For Class 52 Rating, Deduct	*-182.69*	
		For Class 54 Rating, Add	*124.56*	
		For Class 55 Rating, Add	*276.86*	
40 05 19 00-0706	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,236.99	349.66
		For Class 52 Rating, Deduct	*-187.79*	
		For Class 54 Rating, Add	*128.04*	
		For Class 55 Rating, Add	*284.59*	
40 05 19 00-0707	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,287.11	352.12
		For Class 52 Rating, Deduct	*-192.90*	
		For Class 54 Rating, Add	*131.52*	
		For Class 55 Rating, Add	*292.33*	
40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,337.25	354.59
		For Class 52 Rating, Deduct	*-198.00*	
		For Class 54 Rating, Add	*135.00*	
		For Class 55 Rating, Add	*300.06*	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,387.38	357.05
		For Class 52 Rating, Deduct	*-203.10*	
		For Class 54 Rating, Add	*138.48*	
		For Class 55 Rating, Add	*307.79*	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,437.51	359.51
		For Class 52 Rating, Deduct	*-208.21*	
		For Class 54 Rating, Add	*141.96*	
		For Class 55 Rating, Add	*315.53*	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,487.64	361.97
		For Class 52 Rating, Deduct	*-213.31*	
		For Class 54 Rating, Add	*145.44*	
		For Class 55 Rating, Add	*323.26*	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,537.77	364.44
		For Class 52 Rating, Deduct	*-218.42*	
		For Class 54 Rating, Add	*148.92*	
		For Class 55 Rating, Add	*331.00*	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,587.90	366.90
		For Class 52 Rating, Deduct	*-223.52*	
		For Class 54 Rating, Add	*152.40*	
		For Class 55 Rating, Add	*338.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0714	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,638.03	369.36
		For Class 52 Rating, Deduct	*-228.62*	
		For Class 54 Rating, Add	*155.88*	
		For Class 55 Rating, Add	*346.47*	

40 05 19 00-0715 12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0716	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	939.92	344.74
		For Class 52 Rating, Deduct	*-45.94*	
		For Class 54 Rating, Add	*31.32*	
		For Class 55 Rating, Add	*69.61*	
40 05 19 00-0717	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,002.06	347.20
		For Class 52 Rating, Deduct	*-52.36*	
		For Class 54 Rating, Add	*35.70*	
		For Class 55 Rating, Add	*79.35*	
40 05 19 00-0718	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,064.19	349.66
		For Class 52 Rating, Deduct	*-58.78*	
		For Class 54 Rating, Add	*40.08*	
		For Class 55 Rating, Add	*89.08*	
40 05 19 00-0719	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,126.31	352.12
		For Class 52 Rating, Deduct	*-65.21*	
		For Class 54 Rating, Add	*44.46*	
		For Class 55 Rating, Add	*98.82*	
40 05 19 00-0720	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,188.45	354.59
		For Class 52 Rating, Deduct	*-71.63*	
		For Class 54 Rating, Add	*48.84*	
		For Class 55 Rating, Add	*108.56*	
40 05 19 00-0721	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,250.58	357.05
		For Class 52 Rating, Deduct	*-78.06*	
		For Class 54 Rating, Add	*53.22*	
		For Class 55 Rating, Add	*118.29*	
40 05 19 00-0722	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,312.71	359.51
		For Class 52 Rating, Deduct	*-84.48*	
		For Class 54 Rating, Add	*57.60*	
		For Class 55 Rating, Add	*128.03*	
40 05 19 00-0723	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,374.84	361.97
		For Class 52 Rating, Deduct	*-90.90*	
		For Class 54 Rating, Add	*61.98*	
		For Class 55 Rating, Add	*137.76*	
40 05 19 00-0724	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,436.97	364.44
		For Class 52 Rating, Deduct	*-97.33*	
		For Class 54 Rating, Add	*66.36*	
		For Class 55 Rating, Add	*147.50*	
40 05 19 00-0725	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,499.10	366.90
		For Class 52 Rating, Deduct	*-103.75*	
		For Class 54 Rating, Add	*70.74*	
		For Class 55 Rating, Add	*157.23*	
40 05 19 00-0726	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,561.23	369.36
		For Class 52 Rating, Deduct	*-110.18*	
		For Class 54 Rating, Add	*75.12*	
		For Class 55 Rating, Add	*166.97*	
40 05 19 00-0727	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,623.37	371.82
		For Class 52 Rating, Deduct	*-116.60*	
		For Class 54 Rating, Add	*79.50*	
		For Class 55 Rating, Add	*176.70*	
40 05 19 00-0728	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,685.50	374.29
		For Class 52 Rating, Deduct	*-123.02*	
		For Class 54 Rating, Add	*83.88*	
		For Class 55 Rating, Add	*186.44*	
40 05 19 00-0729	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,747.62	376.74
		For Class 52 Rating, Deduct	*-129.45*	
		For Class 54 Rating, Add	*88.26*	
		For Class 55 Rating, Add	*196.17*	
40 05 19 00-0730	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,809.75	379.21
		For Class 52 Rating, Deduct	*-135.87*	
		For Class 54 Rating, Add	*92.64*	
		For Class 55 Rating, Add	*205.91*	
40 05 19 00-0731	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,871.89	381.67
		For Class 52 Rating, Deduct	*-142.30*	
		For Class 54 Rating, Add	*97.02*	
		For Class 55 Rating, Add	*215.64*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0732		EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,934.02	384.14
			For Class 52 Rating, Deduct	*-148.72*	
			For Class 54 Rating, Add	*101.40*	
			For Class 55 Rating, Add	*225.38*	
40 05 19 00-0733		EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,996.15	386.59
			For Class 52 Rating, Deduct	*-155.14*	
			For Class 54 Rating, Add	*105.78*	
			For Class 55 Rating, Add	*235.11*	
40 05 19 00-0734		EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,058.28	389.06
			For Class 52 Rating, Deduct	*-161.57*	
			For Class 54 Rating, Add	*110.16*	
			For Class 55 Rating, Add	*244.85*	
40 05 19 00-0735		EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,120.41	391.52
			For Class 52 Rating, Deduct	*-167.99*	
			For Class 54 Rating, Add	*114.54*	
			For Class 55 Rating, Add	*254.58*	
40 05 19 00-0736		EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,182.54	393.99
			For Class 52 Rating, Deduct	*-174.42*	
			For Class 54 Rating, Add	*118.92*	
			For Class 55 Rating, Add	*264.32*	
40 05 19 00-0737		EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,244.68	396.44
			For Class 52 Rating, Deduct	*-180.84*	
			For Class 54 Rating, Add	*123.30*	
			For Class 55 Rating, Add	*274.05*	
40 05 19 00-0738		EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,306.81	398.91
			For Class 52 Rating, Deduct	*-187.26*	
			For Class 54 Rating, Add	*127.68*	
			For Class 55 Rating, Add	*283.79*	
40 05 19 00-0739		EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,368.93	401.37
			For Class 52 Rating, Deduct	*-193.69*	
			For Class 54 Rating, Add	*132.06*	
			For Class 55 Rating, Add	*293.53*	
40 05 19 00-0740		EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,431.06	403.84
			For Class 52 Rating, Deduct	*-200.11*	
			For Class 54 Rating, Add	*136.44*	
			For Class 55 Rating, Add	*303.26*	
40 05 19 00-0741		EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,493.20	406.29
			For Class 52 Rating, Deduct	*-206.54*	
			For Class 54 Rating, Add	*140.82*	
			For Class 55 Rating, Add	*313.00*	
40 05 19 00-0742		EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,555.33	408.76
			For Class 52 Rating, Deduct	*-212.96*	
			For Class 54 Rating, Add	*145.20*	
			For Class 55 Rating, Add	*322.73*	
40 05 19 00-0743		EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,617.46	411.22
			For Class 52 Rating, Deduct	*-219.38*	
			For Class 54 Rating, Add	*149.58*	
			For Class 55 Rating, Add	*332.47*	
40 05 19 00-0744		EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,679.59	413.68
			For Class 52 Rating, Deduct	*-225.81*	
			For Class 54 Rating, Add	*153.96*	
			For Class 55 Rating, Add	*342.20*	
40 05 19 00-0745		EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,741.72	416.14
			For Class 52 Rating, Deduct	*-232.23*	
			For Class 54 Rating, Add	*158.34*	
			For Class 55 Rating, Add	*351.94*	
40 05 19 00-0746		EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,803.85	418.61
			For Class 52 Rating, Deduct	*-238.66*	
			For Class 54 Rating, Add	*162.72*	
			For Class 55 Rating, Add	*361.67*	
40 05 19 00-0747		EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,865.99	421.07
			For Class 52 Rating, Deduct	*-245.08*	
			For Class 54 Rating, Add	*167.10*	
			For Class 55 Rating, Add	*371.41*	
40 05 19 00-0748		EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,928.11	423.53
			For Class 52 Rating, Deduct	*-251.50*	
			For Class 54 Rating, Add	*171.48*	
			For Class 55 Rating, Add	*381.14*	
40 05 19 00-0749		EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,990.24	425.99
			For Class 52 Rating, Deduct	*-257.93*	
			For Class 54 Rating, Add	*175.86*	
			For Class 55 Rating, Add	*390.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0750	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,052.37	428.46
		For Class 52 Rating, Deduct	*-264.35*	
		For Class 54 Rating, Add	*180.24*	
		For Class 55 Rating, Add	*400.61*	
40 05 19 00-0751	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,114.51	430.92
		For Class 52 Rating, Deduct	*-270.78*	
		For Class 54 Rating, Add	*184.62*	
		For Class 55 Rating, Add	*410.35*	
40 05 19 00-0752	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,176.64	433.38
		For Class 52 Rating, Deduct	*-277.20*	
		For Class 54 Rating, Add	*189.00*	
		For Class 55 Rating, Add	*420.08*	
40 05 19 00-0753	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,238.76	435.84
		For Class 52 Rating, Deduct	*-283.62*	
		For Class 54 Rating, Add	*193.38*	
		For Class 55 Rating, Add	*429.82*	
40 05 19 00-0754	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,300.90	438.31
		For Class 52 Rating, Deduct	*-290.05*	
		For Class 54 Rating, Add	*197.76*	
		For Class 55 Rating, Add	*439.55*	

40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0756	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,250.79	413.68
		For Class 52 Rating, Deduct	*-68.64*	
		For Class 54 Rating, Add	*46.80*	
		For Class 55 Rating, Add	*104.02*	
40 05 19 00-0757	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,325.72	416.14
		For Class 52 Rating, Deduct	*-76.47*	
		For Class 54 Rating, Add	*52.14*	
		For Class 55 Rating, Add	*115.89*	
40 05 19 00-0758	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,400.65	418.61
		For Class 52 Rating, Deduct	*-84.30*	
		For Class 54 Rating, Add	*57.48*	
		For Class 55 Rating, Add	*127.76*	
40 05 19 00-0759	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,475.59	421.07
		For Class 52 Rating, Deduct	*-92.14*	
		For Class 54 Rating, Add	*62.82*	
		For Class 55 Rating, Add	*139.63*	
40 05 19 00-0760	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,550.51	423.53
		For Class 52 Rating, Deduct	*-99.97*	
		For Class 54 Rating, Add	*68.16*	
		For Class 55 Rating, Add	*151.50*	
40 05 19 00-0761	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,625.44	425.99
		For Class 52 Rating, Deduct	*-107.80*	
		For Class 54 Rating, Add	*73.50*	
		For Class 55 Rating, Add	*163.37*	
40 05 19 00-0762	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,700.37	428.46
		For Class 52 Rating, Deduct	*-115.63*	
		For Class 54 Rating, Add	*78.84*	
		For Class 55 Rating, Add	*175.24*	
40 05 19 00-0763	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,775.31	430.92
		For Class 52 Rating, Deduct	*-123.46*	
		For Class 54 Rating, Add	*84.18*	
		For Class 55 Rating, Add	*187.10*	
40 05 19 00-0764	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,850.24	433.38
		For Class 52 Rating, Deduct	*-131.30*	
		For Class 54 Rating, Add	*89.52*	
		For Class 55 Rating, Add	*198.97*	
40 05 19 00-0765	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,925.16	435.84
		For Class 52 Rating, Deduct	*-139.13*	
		For Class 54 Rating, Add	*94.86*	
		For Class 55 Rating, Add	*210.84*	
40 05 19 00-0766	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,000.10	438.31
		For Class 52 Rating, Deduct	*-146.96*	
		For Class 54 Rating, Add	*100.20*	
		For Class 55 Rating, Add	*222.71*	
40 05 19 00-0767	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,075.03	440.77
		For Class 52 Rating, Deduct	*-154.79*	
		For Class 54 Rating, Add	*105.54*	
		For Class 55 Rating, Add	*234.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,149.96	443.23
		For Class 52 Rating, Deduct	*-162.62*	
		For Class 54 Rating, Add	*110.88*	
		For Class 55 Rating, Add	*246.45*	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,224.89	445.69
		For Class 52 Rating, Deduct	*-170.46*	
		For Class 54 Rating, Add	*116.22*	
		For Class 55 Rating, Add	*258.32*	
40 05 19 00-0770	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,299.82	448.16
		For Class 52 Rating, Deduct	*-178.29*	
		For Class 54 Rating, Add	*121.56*	
		For Class 55 Rating, Add	*270.19*	
40 05 19 00-0771	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,374.75	450.61
		For Class 52 Rating, Deduct	*-186.12*	
		For Class 54 Rating, Add	*126.90*	
		For Class 55 Rating, Add	*282.06*	
40 05 19 00-0772	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,449.68	453.08
		For Class 52 Rating, Deduct	*-193.95*	
		For Class 54 Rating, Add	*132.24*	
		For Class 55 Rating, Add	*293.93*	
40 05 19 00-0773	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,524.62	455.54
		For Class 52 Rating, Deduct	*-201.78*	
		For Class 54 Rating, Add	*137.58*	
		For Class 55 Rating, Add	*305.79*	
40 05 19 00-0774	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,599.55	458.01
		For Class 52 Rating, Deduct	*-209.62*	
		For Class 54 Rating, Add	*142.92*	
		For Class 55 Rating, Add	*317.66*	
40 05 19 00-0775	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,674.47	460.46
		For Class 52 Rating, Deduct	*-217.45*	
		For Class 54 Rating, Add	*148.26*	
		For Class 55 Rating, Add	*329.53*	
40 05 19 00-0776	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,749.41	462.93
		For Class 52 Rating, Deduct	*-225.28*	
		For Class 54 Rating, Add	*153.60*	
		For Class 55 Rating, Add	*341.40*	
40 05 19 00-0777	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,824.34	465.39
		For Class 52 Rating, Deduct	*-233.11*	
		For Class 54 Rating, Add	*158.94*	
		For Class 55 Rating, Add	*353.27*	
40 05 19 00-0778	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,899.27	467.86
		For Class 52 Rating, Deduct	*-240.94*	
		For Class 54 Rating, Add	*164.28*	
		For Class 55 Rating, Add	*365.14*	
40 05 19 00-0779	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,974.20	470.31
		For Class 52 Rating, Deduct	*-248.78*	
		For Class 54 Rating, Add	*169.62*	
		For Class 55 Rating, Add	*377.01*	
40 05 19 00-0780	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,049.13	472.78
		For Class 52 Rating, Deduct	*-256.61*	
		For Class 54 Rating, Add	*174.96*	
		For Class 55 Rating, Add	*388.88*	
40 05 19 00-0781	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,124.06	475.24
		For Class 52 Rating, Deduct	*-264.44*	
		For Class 54 Rating, Add	*180.30*	
		For Class 55 Rating, Add	*400.75*	
40 05 19 00-0782	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,198.99	477.71
		For Class 52 Rating, Deduct	*-272.27*	
		For Class 54 Rating, Add	*185.64*	
		For Class 55 Rating, Add	*412.62*	
40 05 19 00-0783	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,273.93	480.16
		For Class 52 Rating, Deduct	*-280.10*	
		For Class 54 Rating, Add	*190.98*	
		For Class 55 Rating, Add	*424.48*	
40 05 19 00-0784	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,348.86	482.63
		For Class 52 Rating, Deduct	*-287.94*	
		For Class 54 Rating, Add	*196.32*	
		For Class 55 Rating, Add	*436.35*	
40 05 19 00-0785	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,423.78	485.09
		For Class 52 Rating, Deduct	*-295.77*	
		For Class 54 Rating, Add	*201.66*	
		For Class 55 Rating, Add	*448.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0786	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,498.71	487.56
		For Class 52 Rating, Deduct	*-303.60*	
		For Class 54 Rating, Add	*207.00*	
		For Class 55 Rating, Add	*460.09*	
40 05 19 00-0787	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,573.65	490.01
		For Class 52 Rating, Deduct	*-311.43*	
		For Class 54 Rating, Add	*212.34*	
		For Class 55 Rating, Add	*471.96*	
40 05 19 00-0788	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,648.58	492.48
		For Class 52 Rating, Deduct	*-319.26*	
		For Class 54 Rating, Add	*217.68*	
		For Class 55 Rating, Add	*483.83*	
40 05 19 00-0789	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,723.51	494.94
		For Class 52 Rating, Deduct	*-327.10*	
		For Class 54 Rating, Add	*223.02*	
		For Class 55 Rating, Add	*495.70*	
40 05 19 00-0790	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,798.44	497.40
		For Class 52 Rating, Deduct	*-334.93*	
		For Class 54 Rating, Add	*228.36*	
		For Class 55 Rating, Add	*507.57*	
40 05 19 00-0791	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,873.37	499.86
		For Class 52 Rating, Deduct	*-342.76*	
		For Class 54 Rating, Add	*233.70*	
		For Class 55 Rating, Add	*519.44*	
40 05 19 00-0792	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,948.30	502.33
		For Class 52 Rating, Deduct	*-350.59*	
		For Class 54 Rating, Add	*239.04*	
		For Class 55 Rating, Add	*531.31*	
40 05 19 00-0793	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,023.24	504.79
		For Class 52 Rating, Deduct	*-358.42*	
		For Class 54 Rating, Add	*244.38*	
		For Class 55 Rating, Add	*543.18*	

40 05 19 00-0794 16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0795	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,454.73	472.78
		For Class 52 Rating, Deduct	*-81.22*	
		For Class 54 Rating, Add	*55.38*	
		For Class 55 Rating, Add	*123.09*	
40 05 19 00-0796	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,541.66	475.24
		For Class 52 Rating, Deduct	*-90.38*	
		For Class 54 Rating, Add	*61.62*	
		For Class 55 Rating, Add	*136.96*	
40 05 19 00-0797	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,628.59	477.71
		For Class 52 Rating, Deduct	*-99.53*	
		For Class 54 Rating, Add	*67.86*	
		For Class 55 Rating, Add	*150.83*	
40 05 19 00-0798	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,715.53	480.16
		For Class 52 Rating, Deduct	*-108.68*	
		For Class 54 Rating, Add	*74.10*	
		For Class 55 Rating, Add	*164.70*	
40 05 19 00-0799	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,802.46	482.63
		For Class 52 Rating, Deduct	*-117.83*	
		For Class 54 Rating, Add	*80.34*	
		For Class 55 Rating, Add	*178.57*	
40 05 19 00-0800	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,889.38	485.09
		For Class 52 Rating, Deduct	*-126.98*	
		For Class 54 Rating, Add	*86.58*	
		For Class 55 Rating, Add	*192.44*	
40 05 19 00-0801	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,976.31	487.56
		For Class 52 Rating, Deduct	*-136.14*	
		For Class 54 Rating, Add	*92.82*	
		For Class 55 Rating, Add	*206.31*	
40 05 19 00-0802	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,063.25	490.01
		For Class 52 Rating, Deduct	*-145.29*	
		For Class 54 Rating, Add	*99.06*	
		For Class 55 Rating, Add	*220.18*	
40 05 19 00-0803	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,150.18	492.48
		For Class 52 Rating, Deduct	*-154.44*	
		For Class 54 Rating, Add	*105.30*	
		For Class 55 Rating, Add	*234.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0804	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,229.11	494.94
		For Class 52 Rating, Deduct	*-162.71*	
		For Class 54 Rating, Add	*110.94*	
		For Class 55 Rating, Add	*246.58*	
40 05 19 00-0805	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,324.04	497.40
		For Class 52 Rating, Deduct	*-172.74*	
		For Class 54 Rating, Add	*117.78*	
		For Class 55 Rating, Add	*261.79*	
40 05 19 00-0806	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,410.97	499.86
		For Class 52 Rating, Deduct	*-181.90*	
		For Class 54 Rating, Add	*124.02*	
		For Class 55 Rating, Add	*275.66*	
40 05 19 00-0807	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,497.90	502.33
		For Class 52 Rating, Deduct	*-191.05*	
		For Class 54 Rating, Add	*130.26*	
		For Class 55 Rating, Add	*289.52*	
40 05 19 00-0808	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,584.84	504.79
		For Class 52 Rating, Deduct	*-200.20*	
		For Class 54 Rating, Add	*136.50*	
		For Class 55 Rating, Add	*303.39*	
40 05 19 00-0809	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,671.76	507.25
		For Class 52 Rating, Deduct	*-209.35*	
		For Class 54 Rating, Add	*142.74*	
		For Class 55 Rating, Add	*317.26*	
40 05 19 00-0810	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,758.69	509.71
		For Class 52 Rating, Deduct	*-218.50*	
		For Class 54 Rating, Add	*148.98*	
		For Class 55 Rating, Add	*331.13*	
40 05 19 00-0811	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,845.62	512.18
		For Class 52 Rating, Deduct	*-227.66*	
		For Class 54 Rating, Add	*155.22*	
		For Class 55 Rating, Add	*345.00*	
40 05 19 00-0812	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,932.56	514.64
		For Class 52 Rating, Deduct	*-236.81*	
		For Class 54 Rating, Add	*161.46*	
		For Class 55 Rating, Add	*358.87*	
40 05 19 00-0813	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,019.49	517.10
		For Class 52 Rating, Deduct	*-245.96*	
		For Class 54 Rating, Add	*167.70*	
		For Class 55 Rating, Add	*372.74*	
40 05 19 00-0814	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,106.41	519.56
		For Class 52 Rating, Deduct	*-255.11*	
		For Class 54 Rating, Add	*173.94*	
		For Class 55 Rating, Add	*386.61*	
40 05 19 00-0815	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,193.35	522.03
		For Class 52 Rating, Deduct	*-264.26*	
		For Class 54 Rating, Add	*180.18*	
		For Class 55 Rating, Add	*400.48*	
40 05 19 00-0816	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,280.28	524.49
		For Class 52 Rating, Deduct	*-273.42*	
		For Class 54 Rating, Add	*186.42*	
		For Class 55 Rating, Add	*414.35*	
40 05 19 00-0817	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,367.21	526.95
		For Class 52 Rating, Deduct	*-282.57*	
		For Class 54 Rating, Add	*192.66*	
		For Class 55 Rating, Add	*428.22*	
40 05 19 00-0818	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,454.14	529.41
		For Class 52 Rating, Deduct	*-291.72*	
		For Class 54 Rating, Add	*198.90*	
		For Class 55 Rating, Add	*442.09*	
40 05 19 00-0819	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,541.07	531.88
		For Class 52 Rating, Deduct	*-300.87*	
		For Class 54 Rating, Add	*205.14*	
		For Class 55 Rating, Add	*455.96*	
40 05 19 00-0820	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,628.00	534.33
		For Class 52 Rating, Deduct	*-310.02*	
		For Class 54 Rating, Add	*211.38*	
		For Class 55 Rating, Add	*469.83*	
40 05 19 00-0821	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,714.93	536.80
		For Class 52 Rating, Deduct	*-319.18*	
		For Class 54 Rating, Add	*217.62*	
		For Class 55 Rating, Add	*483.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0822	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,801.87	539.26
		For Class 52 Rating, Deduct	*-328.33*	
		For Class 54 Rating, Add	*223.86*	
		For Class 55 Rating, Add	*497.57*	
40 05 19 00-0823	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,888.80	541.73
		For Class 52 Rating, Deduct	*-337.48*	
		For Class 54 Rating, Add	*230.10*	
		For Class 55 Rating, Add	*511.44*	
40 05 19 00-0824	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,975.72	544.18
		For Class 52 Rating, Deduct	*-346.63*	
		For Class 54 Rating, Add	*236.34*	
		For Class 55 Rating, Add	*525.31*	
40 05 19 00-0825	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,062.66	546.65
		For Class 52 Rating, Deduct	*-355.78*	
		For Class 54 Rating, Add	*242.58*	
		For Class 55 Rating, Add	*539.17*	
40 05 19 00-0826	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,149.59	549.11
		For Class 52 Rating, Deduct	*-364.94*	
		For Class 54 Rating, Add	*248.82*	
		For Class 55 Rating, Add	*553.04*	
40 05 19 00-0827	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,236.52	551.58
		For Class 52 Rating, Deduct	*-374.09*	
		For Class 54 Rating, Add	*255.06*	
		For Class 55 Rating, Add	*566.91*	
40 05 19 00-0828	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,323.45	554.03
		For Class 52 Rating, Deduct	*-383.24*	
		For Class 54 Rating, Add	*261.30*	
		For Class 55 Rating, Add	*580.78*	
40 05 19 00-0829	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,410.38	556.50
		For Class 52 Rating, Deduct	*-392.39*	
		For Class 54 Rating, Add	*267.54*	
		For Class 55 Rating, Add	*594.65*	
40 05 19 00-0830	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,497.31	558.96
		For Class 52 Rating, Deduct	*-401.54*	
		For Class 54 Rating, Add	*273.78*	
		For Class 55 Rating, Add	*608.52*	
40 05 19 00-0831	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,584.24	561.43
		For Class 52 Rating, Deduct	*-410.70*	
		For Class 54 Rating, Add	*280.02*	
		For Class 55 Rating, Add	*622.39*	
40 05 19 00-0832	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,671.18	563.88
		For Class 52 Rating, Deduct	*-419.85*	
		For Class 54 Rating, Add	*286.26*	
		For Class 55 Rating, Add	*636.26*	

40 05 19 00-0833 18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0834	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,683.37	532.87
		For Class 52 Rating, Deduct	*-96.36*	
		For Class 54 Rating, Add	*65.70*	
		For Class 55 Rating, Add	*146.03*	
40 05 19 00-0835	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,783.10	535.33
		For Class 52 Rating, Deduct	*-106.92*	
		For Class 54 Rating, Add	*72.90*	
		For Class 55 Rating, Add	*162.03*	
40 05 19 00-0836	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,882.83	537.79
		For Class 52 Rating, Deduct	*-117.48*	
		For Class 54 Rating, Add	*80.10*	
		For Class 55 Rating, Add	*178.04*	
40 05 19 00-0837	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,982.55	540.25
		For Class 52 Rating, Deduct	*-128.04*	
		For Class 54 Rating, Add	*87.30*	
		For Class 55 Rating, Add	*194.04*	
40 05 19 00-0838	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,082.29	542.72
		For Class 52 Rating, Deduct	*-138.60*	
		For Class 54 Rating, Add	*94.50*	
		For Class 55 Rating, Add	*210.04*	
40 05 19 00-0839	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,182.02	545.18
		For Class 52 Rating, Deduct	*-149.16*	
		For Class 54 Rating, Add	*101.70*	
		For Class 55 Rating, Add	*226.05*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0840	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,281.75	547.64
		For Class 52 Rating, Deduct	*-159.72*	
		For Class 54 Rating, Add	*108.90*	
		For Class 55 Rating, Add	*242.05*	
40 05 19 00-0841	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,381.49	550.10
		For Class 52 Rating, Deduct	*-170.28*	
		For Class 54 Rating, Add	*116.10*	
		For Class 55 Rating, Add	*258.05*	
40 05 19 00-0842	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,481.21	552.57
		For Class 52 Rating, Deduct	*-180.84*	
		For Class 54 Rating, Add	*123.30*	
		For Class 55 Rating, Add	*274.05*	
40 05 19 00-0843	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,580.94	555.02
		For Class 52 Rating, Deduct	*-191.40*	
		For Class 54 Rating, Add	*130.50*	
		For Class 55 Rating, Add	*290.06*	
40 05 19 00-0844	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,680.67	557.49
		For Class 52 Rating, Deduct	*-201.96*	
		For Class 54 Rating, Add	*137.70*	
		For Class 55 Rating, Add	*306.06*	
40 05 19 00-0845	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,780.41	559.95
		For Class 52 Rating, Deduct	*-212.52*	
		For Class 54 Rating, Add	*144.90*	
		For Class 55 Rating, Add	*322.06*	
40 05 19 00-0846	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,880.13	562.42
		For Class 52 Rating, Deduct	*-223.08*	
		For Class 54 Rating, Add	*152.10*	
		For Class 55 Rating, Add	*338.07*	
40 05 19 00-0847	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,979.86	564.87
		For Class 52 Rating, Deduct	*-233.64*	
		For Class 54 Rating, Add	*159.30*	
		For Class 55 Rating, Add	*354.07*	
40 05 19 00-0848	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,079.60	567.34
		For Class 52 Rating, Deduct	*-244.20*	
		For Class 54 Rating, Add	*166.50*	
		For Class 55 Rating, Add	*370.07*	
40 05 19 00-0849	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,179.33	569.80
		For Class 52 Rating, Deduct	*-254.76*	
		For Class 54 Rating, Add	*173.70*	
		For Class 55 Rating, Add	*386.08*	
40 05 19 00-0850	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,279.06	572.27
		For Class 52 Rating, Deduct	*-265.32*	
		For Class 54 Rating, Add	*180.90*	
		For Class 55 Rating, Add	*402.08*	
40 05 19 00-0851	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,378.79	574.72
		For Class 52 Rating, Deduct	*-275.88*	
		For Class 54 Rating, Add	*188.10*	
		For Class 55 Rating, Add	*418.08*	
40 05 19 00-0852	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,478.52	577.19
		For Class 52 Rating, Deduct	*-286.44*	
		For Class 54 Rating, Add	*195.30*	
		For Class 55 Rating, Add	*434.09*	
40 05 19 00-0853	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,578.25	579.65
		For Class 52 Rating, Deduct	*-297.00*	
		For Class 54 Rating, Add	*202.50*	
		For Class 55 Rating, Add	*450.09*	
40 05 19 00-0854	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,677.98	582.12
		For Class 52 Rating, Deduct	*-307.56*	
		For Class 54 Rating, Add	*209.70*	
		For Class 55 Rating, Add	*466.09*	
40 05 19 00-0855	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,777.72	584.57
		For Class 52 Rating, Deduct	*-318.12*	
		For Class 54 Rating, Add	*216.90*	
		For Class 55 Rating, Add	*482.10*	
40 05 19 00-0856	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,877.44	587.04
		For Class 52 Rating, Deduct	*-328.68*	
		For Class 54 Rating, Add	*224.10*	
		For Class 55 Rating, Add	*498.10*	
40 05 19 00-0857	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,977.17	589.50
		For Class 52 Rating, Deduct	*-339.24*	
		For Class 54 Rating, Add	*231.30*	
		For Class 55 Rating, Add	*514.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0858	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,076.91	591.97
		For Class 52 Rating, Deduct	*-349.80*	
		For Class 54 Rating, Add	*238.50*	
		For Class 55 Rating, Add	*530.11*	
40 05 19 00-0859	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,176.64	594.42
		For Class 52 Rating, Deduct	*-360.36*	
		For Class 54 Rating, Add	*245.70*	
		For Class 55 Rating, Add	*546.11*	
40 05 19 00-0860	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,276.37	596.89
		For Class 52 Rating, Deduct	*-370.92*	
		For Class 54 Rating, Add	*252.90*	
		For Class 55 Rating, Add	*562.11*	
40 05 19 00-0861	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,376.09	599.35
		For Class 52 Rating, Deduct	*-381.48*	
		For Class 54 Rating, Add	*260.10*	
		For Class 55 Rating, Add	*578.12*	
40 05 19 00-0862	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,475.83	601.81
		For Class 52 Rating, Deduct	*-392.04*	
		For Class 54 Rating, Add	*267.30*	
		For Class 55 Rating, Add	*594.12*	
40 05 19 00-0863	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,575.56	604.27
		For Class 52 Rating, Deduct	*-402.60*	
		For Class 54 Rating, Add	*274.50*	
		For Class 55 Rating, Add	*610.12*	
40 05 19 00-0864	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,675.29	606.74
		For Class 52 Rating, Deduct	*-413.16*	
		For Class 54 Rating, Add	*281.70*	
		For Class 55 Rating, Add	*626.13*	
40 05 19 00-0865	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,775.03	609.20
		For Class 52 Rating, Deduct	*-423.72*	
		For Class 54 Rating, Add	*288.90*	
		For Class 55 Rating, Add	*642.13*	
40 05 19 00-0866	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,874.75	611.66
		For Class 52 Rating, Deduct	*-434.28*	
		For Class 54 Rating, Add	*296.10*	
		For Class 55 Rating, Add	*658.13*	
40 05 19 00-0867	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,974.48	614.12
		For Class 52 Rating, Deduct	*-444.84*	
		For Class 54 Rating, Add	*303.30*	
		For Class 55 Rating, Add	*674.13*	
40 05 19 00-0868	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,074.22	616.59
		For Class 52 Rating, Deduct	*-455.40*	
		For Class 54 Rating, Add	*310.50*	
		For Class 55 Rating, Add	*690.14*	
40 05 19 00-0869	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,173.95	619.05
		For Class 52 Rating, Deduct	*-465.96*	
		For Class 54 Rating, Add	*317.70*	
		For Class 55 Rating, Add	*706.14*	
40 05 19 00-0870	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,273.68	621.51
		For Class 52 Rating, Deduct	*-476.52*	
		For Class 54 Rating, Add	*324.90*	
		For Class 55 Rating, Add	*722.14*	
40 05 19 00-0871	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,373.40	623.97
		For Class 52 Rating, Deduct	*-487.08*	
		For Class 54 Rating, Add	*332.10*	
		For Class 55 Rating, Add	*738.15*	

40 05 19 00-0872 20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0873	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,944.73	608.21
		For Class 52 Rating, Deduct	*-112.55*	
		For Class 54 Rating, Add	*76.74*	
		For Class 55 Rating, Add	*170.57*	
40 05 19 00-0874	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,058.86	610.67
		For Class 52 Rating, Deduct	*-124.70*	
		For Class 54 Rating, Add	*85.02*	
		For Class 55 Rating, Add	*188.97*	
40 05 19 00-0875	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,173.00	613.13
		For Class 52 Rating, Deduct	*-136.84*	
		For Class 54 Rating, Add	*93.30*	
		For Class 55 Rating, Add	*207.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0876	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,287.12	615.60
		For Class 52 Rating, Deduct	*-148.98*	
		For Class 54 Rating, Add	*101.58*	
		For Class 55 Rating, Add	*225.78*	
40 05 19 00-0877	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,401.25	618.05
		For Class 52 Rating, Deduct	*-161.13*	
		For Class 54 Rating, Add	*109.86*	
		For Class 55 Rating, Add	*244.18*	
40 05 19 00-0878	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,515.38	620.52
		For Class 52 Rating, Deduct	*-173.27*	
		For Class 54 Rating, Add	*118.14*	
		For Class 55 Rating, Add	*262.59*	
40 05 19 00-0879	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,629.52	622.98
		For Class 52 Rating, Deduct	*-185.42*	
		For Class 54 Rating, Add	*126.42*	
		For Class 55 Rating, Add	*280.99*	
40 05 19 00-0880	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,743.65	625.45
		For Class 52 Rating, Deduct	*-197.56*	
		For Class 54 Rating, Add	*134.70*	
		For Class 55 Rating, Add	*299.39*	
40 05 19 00-0881	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,857.77	627.90
		For Class 52 Rating, Deduct	*-209.70*	
		For Class 54 Rating, Add	*142.98*	
		For Class 55 Rating, Add	*317.80*	
40 05 19 00-0882	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,971.91	630.37
		For Class 52 Rating, Deduct	*-221.85*	
		For Class 54 Rating, Add	*151.26*	
		For Class 55 Rating, Add	*336.20*	
40 05 19 00-0883	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,086.04	632.83
		For Class 52 Rating, Deduct	*-233.99*	
		For Class 54 Rating, Add	*159.54*	
		For Class 55 Rating, Add	*354.60*	
40 05 19 00-0884	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,200.17	635.30
		For Class 52 Rating, Deduct	*-246.14*	
		For Class 54 Rating, Add	*167.82*	
		For Class 55 Rating, Add	*373.01*	
40 05 19 00-0885	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,314.30	637.75
		For Class 52 Rating, Deduct	*-258.28*	
		For Class 54 Rating, Add	*176.10*	
		For Class 55 Rating, Add	*391.41*	
40 05 19 00-0886	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,428.43	640.22
		For Class 52 Rating, Deduct	*-270.42*	
		For Class 54 Rating, Add	*184.38*	
		For Class 55 Rating, Add	*409.82*	
40 05 19 00-0887	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,542.56	642.68
		For Class 52 Rating, Deduct	*-282.57*	
		For Class 54 Rating, Add	*192.66*	
		For Class 55 Rating, Add	*428.22*	
40 05 19 00-0888	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,656.69	645.15
		For Class 52 Rating, Deduct	*-294.71*	
		For Class 54 Rating, Add	*200.94*	
		For Class 55 Rating, Add	*446.62*	
40 05 19 00-0889	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,770.83	647.61
		For Class 52 Rating, Deduct	*-306.86*	
		For Class 54 Rating, Add	*209.22*	
		For Class 55 Rating, Add	*465.03*	
40 05 19 00-0890	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,884.96	650.07
		For Class 52 Rating, Deduct	*-319.00*	
		For Class 54 Rating, Add	*217.50*	
		For Class 55 Rating, Add	*483.43*	
40 05 19 00-0891	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,999.08	652.54
		For Class 52 Rating, Deduct	*-331.14*	
		For Class 54 Rating, Add	*225.78*	
		For Class 55 Rating, Add	*501.83*	
40 05 19 00-0892	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,113.22	654.99
		For Class 52 Rating, Deduct	*-343.29*	
		For Class 54 Rating, Add	*234.06*	
		For Class 55 Rating, Add	*520.24*	
40 05 19 00-0893	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,227.35	657.46
		For Class 52 Rating, Deduct	*-355.43*	
		For Class 54 Rating, Add	*242.34*	
		For Class 55 Rating, Add	*538.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0894	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,341.48	659.92
		For Class 52 Rating, Deduct	*-367.58*	
		For Class 54 Rating, Add	*250.62*	
		For Class 55 Rating, Add	*557.04*	
40 05 19 00-0895	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,455.60	662.39
		For Class 52 Rating, Deduct	*-379.72*	
		For Class 54 Rating, Add	*258.90*	
		For Class 55 Rating, Add	*575.45*	
40 05 19 00-0896	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,569.74	664.84
		For Class 52 Rating, Deduct	*-391.86*	
		For Class 54 Rating, Add	*267.18*	
		For Class 55 Rating, Add	*593.85*	
40 05 19 00-0897	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,683.87	667.31
		For Class 52 Rating, Deduct	*-404.01*	
		For Class 54 Rating, Add	*275.46*	
		For Class 55 Rating, Add	*612.26*	
40 05 19 00-0898	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,798.00	669.77
		For Class 52 Rating, Deduct	*-416.15*	
		For Class 54 Rating, Add	*283.74*	
		For Class 55 Rating, Add	*630.66*	
40 05 19 00-0899	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,912.14	672.24
		For Class 52 Rating, Deduct	*-428.30*	
		For Class 54 Rating, Add	*292.02*	
		For Class 55 Rating, Add	*649.06*	
40 05 19 00-0900	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,026.26	674.69
		For Class 52 Rating, Deduct	*-440.44*	
		For Class 54 Rating, Add	*300.30*	
		For Class 55 Rating, Add	*667.47*	
40 05 19 00-0901	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,140.39	677.16
		For Class 52 Rating, Deduct	*-452.58*	
		For Class 54 Rating, Add	*308.58*	
		For Class 55 Rating, Add	*685.87*	
40 05 19 00-0902	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,254.53	679.62
		For Class 52 Rating, Deduct	*-464.73*	
		For Class 54 Rating, Add	*316.86*	
		For Class 55 Rating, Add	*704.27*	
40 05 19 00-0903	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,368.66	682.09
		For Class 52 Rating, Deduct	*-476.87*	
		For Class 54 Rating, Add	*325.14*	
		For Class 55 Rating, Add	*722.68*	
40 05 19 00-0904	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,482.79	684.54
		For Class 52 Rating, Deduct	*-489.02*	
		For Class 54 Rating, Add	*333.42*	
		For Class 55 Rating, Add	*741.08*	
40 05 19 00-0905	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,596.91	687.01
		For Class 52 Rating, Deduct	*-501.16*	
		For Class 54 Rating, Add	*341.70*	
		For Class 55 Rating, Add	*759.49*	
40 05 19 00-0906	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,711.05	689.47
		For Class 52 Rating, Deduct	*-513.30*	
		For Class 54 Rating, Add	*349.98*	
		For Class 55 Rating, Add	*777.89*	
40 05 19 00-0907	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,825.18	691.94
		For Class 52 Rating, Deduct	*-525.45*	
		For Class 54 Rating, Add	*358.26*	
		For Class 55 Rating, Add	*796.29*	
40 05 19 00-0908	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,939.31	694.39
		For Class 52 Rating, Deduct	*-537.59*	
		For Class 54 Rating, Add	*366.54*	
		For Class 55 Rating, Add	*814.70*	
40 05 19 00-0909	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,053.45	696.86
		For Class 52 Rating, Deduct	*-549.74*	
		For Class 54 Rating, Add	*374.82*	
		For Class 55 Rating, Add	*833.10*	
40 05 19 00-0910	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,167.57	699.32
		For Class 52 Rating, Deduct	*-561.88*	
		For Class 54 Rating, Add	*383.10*	
		For Class 55 Rating, Add	*851.50*	

40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0912	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,382.22	719.02
		For Class 52 Rating, Deduct	*-142.21*	
		For Class 54 Rating, Add	*96.96*	
		For Class 55 Rating, Add	*215.51*	
40 05 19 00-0913	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,522.76	721.48
		For Class 52 Rating, Deduct	*-157.26*	
		For Class 54 Rating, Add	*107.22*	
		For Class 55 Rating, Add	*238.31*	
40 05 19 00-0914	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,663.28	723.94
		For Class 52 Rating, Deduct	*-172.30*	
		For Class 54 Rating, Add	*117.48*	
		For Class 55 Rating, Add	*261.12*	
40 05 19 00-0915	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,803.81	726.41
		For Class 52 Rating, Deduct	*-187.35*	
		For Class 54 Rating, Add	*127.74*	
		For Class 55 Rating, Add	*283.92*	
40 05 19 00-0916	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,944.34	728.87
		For Class 52 Rating, Deduct	*-202.40*	
		For Class 54 Rating, Add	*138.00*	
		For Class 55 Rating, Add	*306.73*	
40 05 19 00-0917	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,084.88	731.33
		For Class 52 Rating, Deduct	*-217.45*	
		For Class 54 Rating, Add	*148.26*	
		For Class 55 Rating, Add	*329.53*	
40 05 19 00-0918	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,225.40	733.79
		For Class 52 Rating, Deduct	*-232.50*	
		For Class 54 Rating, Add	*158.52*	
		For Class 55 Rating, Add	*352.34*	
40 05 19 00-0919	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,365.93	736.26
		For Class 52 Rating, Deduct	*-247.54*	
		For Class 54 Rating, Add	*168.78*	
		For Class 55 Rating, Add	*375.14*	
40 05 19 00-0920	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,506.47	738.71
		For Class 52 Rating, Deduct	*-262.59*	
		For Class 54 Rating, Add	*179.04*	
		For Class 55 Rating, Add	*397.95*	
40 05 19 00-0921	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,647.00	741.18
		For Class 52 Rating, Deduct	*-277.64*	
		For Class 54 Rating, Add	*189.30*	
		For Class 55 Rating, Add	*420.75*	
40 05 19 00-0922	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,787.53	743.64
		For Class 52 Rating, Deduct	*-292.69*	
		For Class 54 Rating, Add	*199.56*	
		For Class 55 Rating, Add	*443.56*	
40 05 19 00-0923	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,928.05	746.11
		For Class 52 Rating, Deduct	*-307.74*	
		For Class 54 Rating, Add	*209.82*	
		For Class 55 Rating, Add	*466.36*	
40 05 19 00-0924	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,068.59	748.56
		For Class 52 Rating, Deduct	*-322.78*	
		For Class 54 Rating, Add	*220.08*	
		For Class 55 Rating, Add	*489.16*	
40 05 19 00-0925	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,209.12	751.03
		For Class 52 Rating, Deduct	*-337.83*	
		For Class 54 Rating, Add	*230.34*	
		For Class 55 Rating, Add	*511.97*	
40 05 19 00-0926	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,349.65	753.49
		For Class 52 Rating, Deduct	*-352.88*	
		For Class 54 Rating, Add	*240.60*	
		For Class 55 Rating, Add	*534.77*	
40 05 19 00-0927	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,490.19	755.96
		For Class 52 Rating, Deduct	*-367.93*	
		For Class 54 Rating, Add	*250.86*	
		For Class 55 Rating, Add	*557.58*	
40 05 19 00-0928	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,630.71	758.41
		For Class 52 Rating, Deduct	*-382.98*	
		For Class 54 Rating, Add	*261.12*	
		For Class 55 Rating, Add	*580.38*	
40 05 19 00-0929	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,771.24	760.88
		For Class 52 Rating, Deduct	*-398.02*	
		For Class 54 Rating, Add	*271.38*	
		For Class 55 Rating, Add	*603.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0930	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,911.78	763.34
		For Class 52 Rating, Deduct	*-413.07*	
		For Class 54 Rating, Add	*281.64*	
		For Class 55 Rating, Add	*625.99*	
40 05 19 00-0931	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,052.31	765.81
		For Class 52 Rating, Deduct	*-428.12*	
		For Class 54 Rating, Add	*291.90*	
		For Class 55 Rating, Add	*648.80*	
40 05 19 00-0932	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,192.84	768.26
		For Class 52 Rating, Deduct	*-443.17*	
		For Class 54 Rating, Add	*302.16*	
		For Class 55 Rating, Add	*671.60*	
40 05 19 00-0933	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,333.36	770.73
		For Class 52 Rating, Deduct	*-458.22*	
		For Class 54 Rating, Add	*312.42*	
		For Class 55 Rating, Add	*694.41*	
40 05 19 00-0934	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,473.90	773.19
		For Class 52 Rating, Deduct	*-473.26*	
		For Class 54 Rating, Add	*322.68*	
		For Class 55 Rating, Add	*717.21*	
40 05 19 00-0935	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,614.43	775.66
		For Class 52 Rating, Deduct	*-488.31*	
		For Class 54 Rating, Add	*332.94*	
		For Class 55 Rating, Add	*740.01*	
40 05 19 00-0936	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,754.96	778.11
		For Class 52 Rating, Deduct	*-503.36*	
		For Class 54 Rating, Add	*343.20*	
		For Class 55 Rating, Add	*762.82*	
40 05 19 00-0937	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,895.50	780.58
		For Class 52 Rating, Deduct	*-518.41*	
		For Class 54 Rating, Add	*353.46*	
		For Class 55 Rating, Add	*785.62*	
40 05 19 00-0938	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,036.02	783.04
		For Class 52 Rating, Deduct	*-533.46*	
		For Class 54 Rating, Add	*363.72*	
		For Class 55 Rating, Add	*808.43*	
40 05 19 00-0939	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,176.55	785.50
		For Class 52 Rating, Deduct	*-548.50*	
		For Class 54 Rating, Add	*373.98*	
		For Class 55 Rating, Add	*831.23*	
40 05 19 00-0940	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,317.09	787.96
		For Class 52 Rating, Deduct	*-563.55*	
		For Class 54 Rating, Add	*384.24*	
		For Class 55 Rating, Add	*854.04*	
40 05 19 00-0941	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,521.04	832.28
		For Class 52 Rating, Deduct	*-578.60*	
		For Class 54 Rating, Add	*394.50*	
		For Class 55 Rating, Add	*876.84*	
40 05 19 00-0942	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,661.57	834.75
		For Class 52 Rating, Deduct	*-593.65*	
		For Class 54 Rating, Add	*404.76*	
		For Class 55 Rating, Add	*899.65*	
40 05 19 00-0943	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,802.10	837.21
		For Class 52 Rating, Deduct	*-608.70*	
		For Class 54 Rating, Add	*415.02*	
		For Class 55 Rating, Add	*922.45*	
40 05 19 00-0944	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,942.64	839.68
		For Class 52 Rating, Deduct	*-623.74*	
		For Class 54 Rating, Add	*425.28*	
		For Class 55 Rating, Add	*945.26*	
40 05 19 00-0945	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,083.16	842.13
		For Class 52 Rating, Deduct	*-638.79*	
		For Class 54 Rating, Add	*435.54*	
		For Class 55 Rating, Add	*968.06*	
40 05 19 00-0946	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,223.69	844.60
		For Class 52 Rating, Deduct	*-653.84*	
		For Class 54 Rating, Add	*445.80*	
		For Class 55 Rating, Add	*990.86*	
40 05 19 00-0947	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,364.23	847.06
		For Class 52 Rating, Deduct	*-668.89*	
		For Class 54 Rating, Add	*456.06*	
		For Class 55 Rating, Add	*1,013.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0948	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,504.76	849.53
		For Class 52 Rating, Deduct	*-683.94*	
		For Class 54 Rating, Add	*466.32*	
		For Class 55 Rating, Add	*1,036.47*	
40 05 19 00-0949	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,645.29	851.98
		For Class 52 Rating, Deduct	*-698.98*	
		For Class 54 Rating, Add	*476.58*	
		For Class 55 Rating, Add	*1,059.28*	

40 05 19 00-0950 30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0951	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,601.13	1,014.51
		For Class 52 Rating, Deduct	*-227.04*	
		For Class 54 Rating, Add	*154.80*	
		For Class 55 Rating, Add	*344.07*	
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,802.46	1,016.97
		For Class 52 Rating, Deduct	*-248.78*	
		For Class 54 Rating, Add	*169.62*	
		For Class 55 Rating, Add	*377.01*	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,003.79	1,019.43
		For Class 52 Rating, Deduct	*-270.51*	
		For Class 54 Rating, Add	*184.44*	
		For Class 55 Rating, Add	*409.95*	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,205.12	1,021.89
		For Class 52 Rating, Deduct	*-292.25*	
		For Class 54 Rating, Add	*199.26*	
		For Class 55 Rating, Add	*442.89*	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,406.45	1,024.36
		For Class 52 Rating, Deduct	*-313.98*	
		For Class 54 Rating, Add	*214.08*	
		For Class 55 Rating, Add	*475.83*	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,607.78	1,026.81
		For Class 52 Rating, Deduct	*-335.72*	
		For Class 54 Rating, Add	*228.90*	
		For Class 55 Rating, Add	*508.77*	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,809.11	1,029.28
		For Class 52 Rating, Deduct	*-357.46*	
		For Class 54 Rating, Add	*243.72*	
		For Class 55 Rating, Add	*541.71*	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,010.45	1,031.74
		For Class 52 Rating, Deduct	*-379.19*	
		For Class 54 Rating, Add	*258.54*	
		For Class 55 Rating, Add	*574.65*	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,211.77	1,034.21
		For Class 52 Rating, Deduct	*-400.93*	
		For Class 54 Rating, Add	*273.36*	
		For Class 55 Rating, Add	*607.59*	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,413.10	1,036.66
		For Class 52 Rating, Deduct	*-422.66*	
		For Class 54 Rating, Add	*288.18*	
		For Class 55 Rating, Add	*640.53*	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,614.44	1,039.13
		For Class 52 Rating, Deduct	*-444.40*	
		For Class 54 Rating, Add	*303.00*	
		For Class 55 Rating, Add	*673.47*	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,815.77	1,041.59
		For Class 52 Rating, Deduct	*-466.14*	
		For Class 54 Rating, Add	*317.82*	
		For Class 55 Rating, Add	*706.41*	
40 05 19 00-0963	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,017.09	1,044.06
		For Class 52 Rating, Deduct	*-487.87*	
		For Class 54 Rating, Add	*332.64*	
		For Class 55 Rating, Add	*739.35*	
40 05 19 00-0964	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,218.43	1,046.51
		For Class 52 Rating, Deduct	*-509.61*	
		For Class 54 Rating, Add	*347.46*	
		For Class 55 Rating, Add	*772.29*	
40 05 19 00-0965	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,419.76	1,048.98
		For Class 52 Rating, Deduct	*-531.34*	
		For Class 54 Rating, Add	*362.28*	
		For Class 55 Rating, Add	*805.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0966	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,621.09	1,051.44
		For Class 52 Rating, Deduct	*-553.08*	
		For Class 54 Rating, Add	*377.10*	
		For Class 55 Rating, Add	*838.17*	
40 05 19 00-0967	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,822.42	1,053.91
		For Class 52 Rating, Deduct	*-574.82*	
		For Class 54 Rating, Add	*391.92*	
		For Class 55 Rating, Add	*871.11*	
40 05 19 00-0968	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,023.75	1,056.36
		For Class 52 Rating, Deduct	*-596.55*	
		For Class 54 Rating, Add	*406.74*	
		For Class 55 Rating, Add	*904.05*	
40 05 19 00-0969	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,225.08	1,058.83
		For Class 52 Rating, Deduct	*-618.29*	
		For Class 54 Rating, Add	*421.56*	
		For Class 55 Rating, Add	*936.99*	
40 05 19 00-0970	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,426.41	1,061.29
		For Class 52 Rating, Deduct	*-640.02*	
		For Class 54 Rating, Add	*436.38*	
		For Class 55 Rating, Add	*969.93*	
40 05 19 00-0971	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,627.75	1,063.75
		For Class 52 Rating, Deduct	*-661.76*	
		For Class 54 Rating, Add	*451.20*	
		For Class 55 Rating, Add	*1,002.87*	
40 05 19 00-0972	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,829.08	1,066.21
		For Class 52 Rating, Deduct	*-683.50*	
		For Class 54 Rating, Add	*466.02*	
		For Class 55 Rating, Add	*1,035.81*	
40 05 19 00-0973	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,030.40	1,068.68
		For Class 52 Rating, Deduct	*-705.23*	
		For Class 54 Rating, Add	*480.84*	
		For Class 55 Rating, Add	*1,068.75*	
40 05 19 00-0974	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,231.73	1,071.14
		For Class 52 Rating, Deduct	*-726.97*	
		For Class 54 Rating, Add	*495.66*	
		For Class 55 Rating, Add	*1,101.69*	
40 05 19 00-0975	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,433.07	1,073.60
		For Class 52 Rating, Deduct	*-748.70*	
		For Class 54 Rating, Add	*510.48*	
		For Class 55 Rating, Add	*1,134.63*	
40 05 19 00-0976	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,634.40	1,076.06
		For Class 52 Rating, Deduct	*-770.44*	
		For Class 54 Rating, Add	*525.30*	
		For Class 55 Rating, Add	*1,167.57*	
40 05 19 00-0977	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,835.73	1,078.53
		For Class 52 Rating, Deduct	*-792.18*	
		For Class 54 Rating, Add	*540.12*	
		For Class 55 Rating, Add	*1,200.51*	
40 05 19 00-0978	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,037.06	1,080.99
		For Class 52 Rating, Deduct	*-813.91*	
		For Class 54 Rating, Add	*554.94*	
		For Class 55 Rating, Add	*1,233.45*	
40 05 19 00-0979	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,238.39	1,083.45
		For Class 52 Rating, Deduct	*-835.65*	
		For Class 54 Rating, Add	*569.76*	
		For Class 55 Rating, Add	*1,266.39*	
40 05 19 00-0980	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,439.72	1,085.91
		For Class 52 Rating, Deduct	*-857.38*	
		For Class 54 Rating, Add	*584.58*	
		For Class 55 Rating, Add	*1,299.33*	
40 05 19 00-0981	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,641.06	1,088.38
		For Class 52 Rating, Deduct	*-879.12*	
		For Class 54 Rating, Add	*599.40*	
		For Class 55 Rating, Add	*1,332.27*	
40 05 19 00-0982	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,842.39	1,090.84
		For Class 52 Rating, Deduct	*-900.86*	
		For Class 54 Rating, Add	*614.22*	
		For Class 55 Rating, Add	*1,365.21*	
40 05 19 00-0983	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,043.71	1,093.30
		For Class 52 Rating, Deduct	*-922.59*	
		For Class 54 Rating, Add	*629.04*	
		For Class 55 Rating, Add	*1,398.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0984	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,245.04	1,095.76
		For Class 52 Rating, Deduct	*-944.33*	
		For Class 54 Rating, Add	*643.86*	
		For Class 55 Rating, Add	*1,431.09*	
40 05 19 00-0985	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,446.38	1,098.23
		For Class 52 Rating, Deduct	*-966.06*	
		For Class 54 Rating, Add	*658.68*	
		For Class 55 Rating, Add	*1,464.03*	
40 05 19 00-0986	EA	30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,647.71	1,100.69
		For Class 52 Rating, Deduct	*-987.80*	
		For Class 54 Rating, Add	*673.50*	
		For Class 55 Rating, Add	*1,496.97*	
40 05 19 00-0987	EA	30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,849.04	1,103.15
		For Class 52 Rating, Deduct	*-1,009.54*	
		For Class 54 Rating, Add	*688.32*	
		For Class 55 Rating, Add	*1,529.91*	
40 05 19 00-0988	EA	30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,050.37	1,105.61
		For Class 52 Rating, Deduct	*-1,031.27*	
		For Class 54 Rating, Add	*703.14*	
		For Class 55 Rating, Add	*1,562.85*	

40 05 19 00-0989 36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0990	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,857.12	1,285.37
		For Class 52 Rating, Deduct	*-320.06*	
		For Class 54 Rating, Add	*218.22*	
		For Class 55 Rating, Add	*485.03*	
40 05 19 00-0991	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,129.65	1,287.82
		For Class 52 Rating, Deduct	*-349.62*	
		For Class 54 Rating, Add	*238.38*	
		For Class 55 Rating, Add	*529.84*	
40 05 19 00-0992	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,402.19	1,290.29
		For Class 52 Rating, Deduct	*-379.19*	
		For Class 54 Rating, Add	*258.54*	
		For Class 55 Rating, Add	*574.65*	
40 05 19 00-0993	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,674.72	1,292.75
		For Class 52 Rating, Deduct	*-408.76*	
		For Class 54 Rating, Add	*278.70*	
		For Class 55 Rating, Add	*619.46*	
40 05 19 00-0994	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,947.24	1,295.22
		For Class 52 Rating, Deduct	*-438.33*	
		For Class 54 Rating, Add	*298.86*	
		For Class 55 Rating, Add	*664.27*	
40 05 19 00-0995	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,219.78	1,297.67
		For Class 52 Rating, Deduct	*-467.90*	
		For Class 54 Rating, Add	*319.02*	
		For Class 55 Rating, Add	*709.08*	
40 05 19 00-0996	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,492.31	1,300.14
		For Class 52 Rating, Deduct	*-497.46*	
		For Class 54 Rating, Add	*339.18*	
		For Class 55 Rating, Add	*753.88*	
40 05 19 00-0997	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,764.84	1,302.61
		For Class 52 Rating, Deduct	*-527.03*	
		For Class 54 Rating, Add	*359.34*	
		For Class 55 Rating, Add	*798.69*	
40 05 19 00-0998	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,037.38	1,305.07
		For Class 52 Rating, Deduct	*-556.60*	
		For Class 54 Rating, Add	*379.50*	
		For Class 55 Rating, Add	*843.50*	
40 05 19 00-0999	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,309.90	1,307.53
		For Class 52 Rating, Deduct	*-586.17*	
		For Class 54 Rating, Add	*399.66*	
		For Class 55 Rating, Add	*888.31*	
40 05 19 00-1000	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,582.43	1,309.99
		For Class 52 Rating, Deduct	*-615.74*	
		For Class 54 Rating, Add	*419.82*	
		For Class 55 Rating, Add	*933.12*	
40 05 19 00-1001	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,854.96	1,312.46
		For Class 52 Rating, Deduct	*-645.30*	
		For Class 54 Rating, Add	*439.98*	
		For Class 55 Rating, Add	*977.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1002	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,127.50	1,314.91
		For Class 52 Rating, Deduct	*-674.87*	
		For Class 54 Rating, Add	*460.14*	
		For Class 55 Rating, Add	*1,022.74*	
40 05 19 00-1003	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,400.03	1,317.38
		For Class 52 Rating, Deduct	*-704.44*	
		For Class 54 Rating, Add	*480.30*	
		For Class 55 Rating, Add	*1,067.55*	
40 05 19 00-1004	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,672.55	1,319.84
		For Class 52 Rating, Deduct	*-734.01*	
		For Class 54 Rating, Add	*500.46*	
		For Class 55 Rating, Add	*1,112.36*	
40 05 19 00-1005	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,945.09	1,322.31
		For Class 52 Rating, Deduct	*-763.58*	
		For Class 54 Rating, Add	*520.62*	
		For Class 55 Rating, Add	*1,157.16*	
40 05 19 00-1006	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,217.62	1,324.76
		For Class 52 Rating, Deduct	*-793.14*	
		For Class 54 Rating, Add	*540.78*	
		For Class 55 Rating, Add	*1,201.97*	
40 05 19 00-1007	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,490.15	1,327.23
		For Class 52 Rating, Deduct	*-822.71*	
		For Class 54 Rating, Add	*560.94*	
		For Class 55 Rating, Add	*1,246.78*	
40 05 19 00-1008	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,762.68	1,329.69
		For Class 52 Rating, Deduct	*-852.28*	
		For Class 54 Rating, Add	*581.10*	
		For Class 55 Rating, Add	*1,291.59*	
40 05 19 00-1009	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,035.21	1,332.16
		For Class 52 Rating, Deduct	*-881.85*	
		For Class 54 Rating, Add	*601.26*	
		For Class 55 Rating, Add	*1,336.40*	
40 05 19 00-1010	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,307.74	1,334.61
		For Class 52 Rating, Deduct	*-911.42*	
		For Class 54 Rating, Add	*621.42*	
		For Class 55 Rating, Add	*1,381.21*	
40 05 19 00-1011	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,580.27	1,337.08
		For Class 52 Rating, Deduct	*-940.98*	
		For Class 54 Rating, Add	*641.58*	
		For Class 55 Rating, Add	*1,426.02*	
40 05 19 00-1012	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,852.81	1,339.54
		For Class 52 Rating, Deduct	*-970.55*	
		For Class 54 Rating, Add	*661.74*	
		For Class 55 Rating, Add	*1,470.83*	
40 05 19 00-1013	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,125.34	1,342.01
		For Class 52 Rating, Deduct	*-1,000.12*	
		For Class 54 Rating, Add	*681.90*	
		For Class 55 Rating, Add	*1,515.64*	
40 05 19 00-1014	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,397.86	1,344.46
		For Class 52 Rating, Deduct	*-1,029.69*	
		For Class 54 Rating, Add	*702.06*	
		For Class 55 Rating, Add	*1,560.45*	
40 05 19 00-1015	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,670.40	1,346.93
		For Class 52 Rating, Deduct	*-1,059.26*	
		For Class 54 Rating, Add	*722.22*	
		For Class 55 Rating, Add	*1,605.25*	
40 05 19 00-1016	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,942.93	1,349.39
		For Class 52 Rating, Deduct	*-1,088.82*	
		For Class 54 Rating, Add	*742.38*	
		For Class 55 Rating, Add	*1,650.06*	
40 05 19 00-1017	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,215.46	1,351.85
		For Class 52 Rating, Deduct	*-1,118.39*	
		For Class 54 Rating, Add	*762.54*	
		For Class 55 Rating, Add	*1,694.87*	
40 05 19 00-1018	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,487.98	1,354.31
		For Class 52 Rating, Deduct	*-1,147.96*	
		For Class 54 Rating, Add	*782.70*	
		For Class 55 Rating, Add	*1,739.68*	
40 05 19 00-1019	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,760.52	1,356.78
		For Class 52 Rating, Deduct	*-1,177.53*	
		For Class 54 Rating, Add	*802.86*	
		For Class 55 Rating, Add	*1,784.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1020	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,033.05	1,359.24
		For Class 52 Rating, Deduct	*-1,207.10*	
		For Class 54 Rating, Add	*823.02*	
		For Class 55 Rating, Add	*1,829.30*	
40 05 19 00-1021	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,305.58	1,361.70
		For Class 52 Rating, Deduct	*-1,236.66*	
		For Class 54 Rating, Add	*843.18*	
		For Class 55 Rating, Add	*1,874.11*	
40 05 19 00-1022	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,578.12	1,364.16
		For Class 52 Rating, Deduct	*-1,266.23*	
		For Class 54 Rating, Add	*863.34*	
		For Class 55 Rating, Add	*1,918.92*	
40 05 19 00-1023	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,850.64	1,366.63
		For Class 52 Rating, Deduct	*-1,295.80*	
		For Class 54 Rating, Add	*883.50*	
		For Class 55 Rating, Add	*1,963.73*	
40 05 19 00-1024	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,123.17	1,369.09
		For Class 52 Rating, Deduct	*-1,325.37*	
		For Class 54 Rating, Add	*903.66*	
		For Class 55 Rating, Add	*2,008.53*	
40 05 19 00-1025	EA	36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,395.71	1,371.55
		For Class 52 Rating, Deduct	*-1,354.94*	
		For Class 54 Rating, Add	*923.82*	
		For Class 55 Rating, Add	*2,053.34*	
40 05 19 00-1026	EA	36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,668.24	1,374.01
		For Class 52 Rating, Deduct	*-1,384.50*	
		For Class 54 Rating, Add	*943.98*	
		For Class 55 Rating, Add	*2,098.15*	
40 05 19 00-1027	EA	36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,940.77	1,376.48
		For Class 52 Rating, Deduct	*-1,414.07*	
		For Class 54 Rating, Add	*964.14*	
		For Class 55 Rating, Add	*2,142.96*	

40 05 19 00-1028 Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-1029 4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1030	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	298.46	120.43
		For Class 52 Rating, Deduct	*-12.76*	
		For Class 54 Rating, Add	*8.70*	
		For Class 55 Rating, Add	*19.34*	
40 05 19 00-1031	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	322.45	122.53
		For Class 52 Rating, Deduct	*-15.05*	
		For Class 54 Rating, Add	*10.26*	
		For Class 55 Rating, Add	*22.80*	
40 05 19 00-1032	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	346.44	124.64
		For Class 52 Rating, Deduct	*-17.34*	
		For Class 54 Rating, Add	*11.82*	
		For Class 55 Rating, Add	*26.27*	
40 05 19 00-1033	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	370.43	126.73
		For Class 52 Rating, Deduct	*-19.62*	
		For Class 54 Rating, Add	*13.38*	
		For Class 55 Rating, Add	*29.74*	
40 05 19 00-1034	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	394.42	128.84
		For Class 52 Rating, Deduct	*-21.91*	
		For Class 54 Rating, Add	*14.94*	
		For Class 55 Rating, Add	*33.21*	
40 05 19 00-1035	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	418.41	130.95
		For Class 52 Rating, Deduct	*-24.20*	
		For Class 54 Rating, Add	*16.50*	
		For Class 55 Rating, Add	*36.67*	
40 05 19 00-1036	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	442.40	133.06
		For Class 52 Rating, Deduct	*-26.49*	
		For Class 54 Rating, Add	*18.06*	
		For Class 55 Rating, Add	*40.14*	
40 05 19 00-1037	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	466.39	135.16
		For Class 52 Rating, Deduct	*-28.78*	
		For Class 54 Rating, Add	*19.62*	
		For Class 55 Rating, Add	*43.61*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1038	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	490.38	137.27
		For Class 52 Rating, Deduct	*-31.06*	
		For Class 54 Rating, Add	*21.18*	
		For Class 55 Rating, Add	*47.08*	
40 05 19 00-1039	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	514.37	139.38
		For Class 52 Rating, Deduct	*-33.35*	
		For Class 54 Rating, Add	*22.74*	
		For Class 55 Rating, Add	*50.54*	
40 05 19 00-1040	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	538.36	141.48
		For Class 52 Rating, Deduct	*-35.64*	
		For Class 54 Rating, Add	*24.30*	
		For Class 55 Rating, Add	*54.01*	
40 05 19 00-1041	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	562.35	143.59
		For Class 52 Rating, Deduct	*-37.93*	
		For Class 54 Rating, Add	*25.86*	
		For Class 55 Rating, Add	*57.48*	
40 05 19 00-1042	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	586.34	145.69
		For Class 52 Rating, Deduct	*-40.22*	
		For Class 54 Rating, Add	*27.42*	
		For Class 55 Rating, Add	*60.95*	
40 05 19 00-1043	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	610.33	147.80
		For Class 52 Rating, Deduct	*-42.50*	
		For Class 54 Rating, Add	*28.98*	
		For Class 55 Rating, Add	*64.41*	
40 05 19 00-1044	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	634.32	149.90
		For Class 52 Rating, Deduct	*-44.79*	
		For Class 54 Rating, Add	*30.54*	
		For Class 55 Rating, Add	*67.88*	
40 05 19 00-1045	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	658.31	152.00
		For Class 52 Rating, Deduct	*-47.08*	
		For Class 54 Rating, Add	*32.10*	
		For Class 55 Rating, Add	*71.35*	
40 05 19 00-1046	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	682.30	154.11
		For Class 52 Rating, Deduct	*-49.37*	
		For Class 54 Rating, Add	*33.66*	
		For Class 55 Rating, Add	*74.81*	
40 05 19 00-1047	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	706.29	156.21
		For Class 52 Rating, Deduct	*-51.66*	
		For Class 54 Rating, Add	*35.22*	
		For Class 55 Rating, Add	*78.28*	
40 05 19 00-1048	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	730.28	158.32
		For Class 52 Rating, Deduct	*-53.94*	
		For Class 54 Rating, Add	*36.78*	
		For Class 55 Rating, Add	*81.75*	
40 05 19 00-1049	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	754.27	160.43
		For Class 52 Rating, Deduct	*-56.23*	
		For Class 54 Rating, Add	*38.34*	
		For Class 55 Rating, Add	*85.22*	
40 05 19 00-1050	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	778.26	162.54
		For Class 52 Rating, Deduct	*-58.52*	
		For Class 54 Rating, Add	*39.90*	
		For Class 55 Rating, Add	*88.68*	
40 05 19 00-1051	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	802.25	164.63
		For Class 52 Rating, Deduct	*-60.81*	
		For Class 54 Rating, Add	*41.46*	
		For Class 55 Rating, Add	*92.15*	
40 05 19 00-1052	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	826.24	166.74
		For Class 52 Rating, Deduct	*-63.10*	
		For Class 54 Rating, Add	*43.02*	
		For Class 55 Rating, Add	*95.62*	
40 05 19 00-1053	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	850.23	168.85
		For Class 52 Rating, Deduct	*-65.38*	
		For Class 54 Rating, Add	*44.58*	
		For Class 55 Rating, Add	*99.09*	
40 05 19 00-1054	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	874.22	170.95
		For Class 52 Rating, Deduct	*-67.67*	
		For Class 54 Rating, Add	*46.14*	
		For Class 55 Rating, Add	*102.55*	
40 05 19 00-1055	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	898.21	173.06
		For Class 52 Rating, Deduct	*-69.96*	
		For Class 54 Rating, Add	*47.70*	
		For Class 55 Rating, Add	*106.02*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1056	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	922.20	175.17
		For Class 52 Rating, Deduct	*-72.25*	
		For Class 54 Rating, Add	*49.26*	
		For Class 55 Rating, Add	*109.49*	
40 05 19 00-1057	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	946.19	177.27
		For Class 52 Rating, Deduct	*-74.54*	
		For Class 54 Rating, Add	*50.82*	
		For Class 55 Rating, Add	*112.96*	
40 05 19 00-1058	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	970.18	179.38
		For Class 52 Rating, Deduct	*-76.82*	
		For Class 54 Rating, Add	*52.38*	
		For Class 55 Rating, Add	*116.42*	
40 05 19 00-1059	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	994.17	181.48
		For Class 52 Rating, Deduct	*-79.11*	
		For Class 54 Rating, Add	*53.94*	
		For Class 55 Rating, Add	*119.89*	
40 05 19 00-1060	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,018.16	183.58
		For Class 52 Rating, Deduct	*-81.40*	
		For Class 54 Rating, Add	*55.50*	
		For Class 55 Rating, Add	*123.36*	
40 05 19 00-1061	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,042.15	185.69
		For Class 52 Rating, Deduct	*-83.69*	
		For Class 54 Rating, Add	*57.06*	
		For Class 55 Rating, Add	*126.83*	
40 05 19 00-1062	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,066.14	187.79
		For Class 52 Rating, Deduct	*-85.98*	
		For Class 54 Rating, Add	*58.62*	
		For Class 55 Rating, Add	*130.29*	
40 05 19 00-1063	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,090.13	189.90
		For Class 52 Rating, Deduct	*-88.26*	
		For Class 54 Rating, Add	*60.18*	
		For Class 55 Rating, Add	*133.76*	
40 05 19 00-1064	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,114.12	192.01
		For Class 52 Rating, Deduct	*-90.55*	
		For Class 54 Rating, Add	*61.74*	
		For Class 55 Rating, Add	*137.23*	
40 05 19 00-1065	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,138.11	194.11
		For Class 52 Rating, Deduct	*-92.84*	
		For Class 54 Rating, Add	*63.30*	
		For Class 55 Rating, Add	*140.69*	
40 05 19 00-1066	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,162.10	196.22
		For Class 52 Rating, Deduct	*-95.13*	
		For Class 54 Rating, Add	*64.86*	
		For Class 55 Rating, Add	*144.16*	
40 05 19 00-1067	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,186.09	198.33
		For Class 52 Rating, Deduct	*-97.42*	
		For Class 54 Rating, Add	*66.42*	
		For Class 55 Rating, Add	*147.63*	
40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,210.08	200.44
		For Class 52 Rating, Deduct	*-99.70*	
		For Class 54 Rating, Add	*67.98*	
		For Class 55 Rating, Add	*151.10*	

40 05 19 00-1069 6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	374.48	151.59
		For Class 52 Rating, Deduct	*-15.93*	
		For Class 54 Rating, Add	*10.86*	
		For Class 55 Rating, Add	*24.14*	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	403.26	153.70
		For Class 52 Rating, Deduct	*-18.74*	
		For Class 54 Rating, Add	*12.78*	
		For Class 55 Rating, Add	*28.41*	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	432.06	155.80
		For Class 52 Rating, Deduct	*-21.56*	
		For Class 54 Rating, Add	*14.70*	
		For Class 55 Rating, Add	*32.67*	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	460.84	157.90
		For Class 52 Rating, Deduct	*-24.38*	
		For Class 54 Rating, Add	*16.62*	
		For Class 55 Rating, Add	*36.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1074	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	489.64	160.01
		For Class 52 Rating, Deduct	*-27.19*	
		For Class 54 Rating, Add	*18.54*	
		For Class 55 Rating, Add	*41.21*	
40 05 19 00-1075	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	518.42	162.10
		For Class 52 Rating, Deduct	*-30.01*	
		For Class 54 Rating, Add	*20.46*	
		For Class 55 Rating, Add	*45.48*	
40 05 19 00-1076	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	547.21	164.21
		For Class 52 Rating, Deduct	*-32.82*	
		For Class 54 Rating, Add	*22.38*	
		For Class 55 Rating, Add	*49.74*	
40 05 19 00-1077	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	576.00	166.32
		For Class 52 Rating, Deduct	*-35.64*	
		For Class 54 Rating, Add	*24.30*	
		For Class 55 Rating, Add	*54.01*	
40 05 19 00-1078	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	604.79	168.43
		For Class 52 Rating, Deduct	*-38.46*	
		For Class 54 Rating, Add	*26.22*	
		For Class 55 Rating, Add	*58.28*	
40 05 19 00-1079	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	633.58	170.53
		For Class 52 Rating, Deduct	*-41.27*	
		For Class 54 Rating, Add	*28.14*	
		For Class 55 Rating, Add	*62.55*	
40 05 19 00-1080	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	662.37	172.64
		For Class 52 Rating, Deduct	*-44.09*	
		For Class 54 Rating, Add	*30.06*	
		For Class 55 Rating, Add	*66.81*	
40 05 19 00-1081	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	691.16	174.75
		For Class 52 Rating, Deduct	*-46.90*	
		For Class 54 Rating, Add	*31.98*	
		For Class 55 Rating, Add	*71.08*	
40 05 19 00-1082	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	719.95	176.85
		For Class 52 Rating, Deduct	*-49.72*	
		For Class 54 Rating, Add	*33.90*	
		For Class 55 Rating, Add	*75.35*	
40 05 19 00-1083	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	748.74	178.96
		For Class 52 Rating, Deduct	*-52.54*	
		For Class 54 Rating, Add	*35.82*	
		For Class 55 Rating, Add	*79.62*	
40 05 19 00-1084	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	777.53	181.06
		For Class 52 Rating, Deduct	*-55.35*	
		For Class 54 Rating, Add	*37.74*	
		For Class 55 Rating, Add	*83.88*	
40 05 19 00-1085	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	806.32	183.17
		For Class 52 Rating, Deduct	*-58.17*	
		For Class 54 Rating, Add	*39.66*	
		For Class 55 Rating, Add	*88.15*	
40 05 19 00-1086	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	835.11	185.27
		For Class 52 Rating, Deduct	*-60.98*	
		For Class 54 Rating, Add	*41.58*	
		For Class 55 Rating, Add	*92.42*	
40 05 19 00-1087	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	863.90	187.37
		For Class 52 Rating, Deduct	*-63.80*	
		For Class 54 Rating, Add	*43.50*	
		For Class 55 Rating, Add	*96.69*	
40 05 19 00-1088	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	892.69	189.48
		For Class 52 Rating, Deduct	*-66.62*	
		For Class 54 Rating, Add	*45.42*	
		For Class 55 Rating, Add	*100.95*	
40 05 19 00-1089	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	921.48	191.59
		For Class 52 Rating, Deduct	*-69.43*	
		For Class 54 Rating, Add	*47.34*	
		For Class 55 Rating, Add	*105.22*	
40 05 19 00-1090	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	950.27	193.69
		For Class 52 Rating, Deduct	*-72.25*	
		For Class 54 Rating, Add	*49.26*	
		For Class 55 Rating, Add	*109.49*	
40 05 19 00-1091	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	979.06	195.80
		For Class 52 Rating, Deduct	*-75.06*	
		For Class 54 Rating, Add	*51.18*	
		For Class 55 Rating, Add	*113.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1092	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,007.85	197.91
		For Class 52 Rating, Deduct	*-77.88*	
		For Class 54 Rating, Add	*53.10*	
		For Class 55 Rating, Add	*118.02*	
40 05 19 00-1093	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,036.64	200.00
		For Class 52 Rating, Deduct	*-80.70*	
		For Class 54 Rating, Add	*55.02*	
		For Class 55 Rating, Add	*122.29*	
40 05 19 00-1094	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,065.43	202.11
		For Class 52 Rating, Deduct	*-83.51*	
		For Class 54 Rating, Add	*56.94*	
		For Class 55 Rating, Add	*126.56*	
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,094.22	204.22
		For Class 52 Rating, Deduct	*-86.33*	
		For Class 54 Rating, Add	*58.86*	
		For Class 55 Rating, Add	*130.83*	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,123.01	206.33
		For Class 52 Rating, Deduct	*-89.14*	
		For Class 54 Rating, Add	*60.78*	
		For Class 55 Rating, Add	*135.09*	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,151.80	208.43
		For Class 52 Rating, Deduct	*-91.96*	
		For Class 54 Rating, Add	*62.70*	
		For Class 55 Rating, Add	*139.36*	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,180.59	210.54
		For Class 52 Rating, Deduct	*-94.78*	
		For Class 54 Rating, Add	*64.62*	
		For Class 55 Rating, Add	*143.63*	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,209.38	212.64
		For Class 52 Rating, Deduct	*-97.59*	
		For Class 54 Rating, Add	*66.54*	
		For Class 55 Rating, Add	*147.90*	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,238.17	214.74
		For Class 52 Rating, Deduct	*-100.41*	
		For Class 54 Rating, Add	*68.46*	
		For Class 55 Rating, Add	*152.16*	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,266.96	216.84
		For Class 52 Rating, Deduct	*-103.22*	
		For Class 54 Rating, Add	*70.38*	
		For Class 55 Rating, Add	*156.43*	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,295.75	218.95
		For Class 52 Rating, Deduct	*-106.04*	
		For Class 54 Rating, Add	*72.30*	
		For Class 55 Rating, Add	*160.70*	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,324.54	221.06
		For Class 52 Rating, Deduct	*-108.86*	
		For Class 54 Rating, Add	*74.22*	
		For Class 55 Rating, Add	*164.97*	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,353.33	223.16
		For Class 52 Rating, Deduct	*-111.67*	
		For Class 54 Rating, Add	*76.14*	
		For Class 55 Rating, Add	*169.23*	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,382.12	225.27
		For Class 52 Rating, Deduct	*-114.49*	
		For Class 54 Rating, Add	*78.06*	
		For Class 55 Rating, Add	*173.50*	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,410.91	227.38
		For Class 52 Rating, Deduct	*-117.30*	
		For Class 54 Rating, Add	*79.98*	
		For Class 55 Rating, Add	*177.77*	
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,439.70	229.48
		For Class 52 Rating, Deduct	*-120.12*	
		For Class 54 Rating, Add	*81.90*	
		For Class 55 Rating, Add	*182.04*	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,468.49	231.59
		For Class 52 Rating, Deduct	*-122.94*	
		For Class 54 Rating, Add	*83.82*	
		For Class 55 Rating, Add	*186.30*	

40 05 19 00-1109 8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1110	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	503.87	193.69
		For Class 52 Rating, Deduct	*-23.14*	
		For Class 54 Rating, Add	*15.78*	
		For Class 55 Rating, Add	*35.07*	
40 05 19 00-1111	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	542.26	195.80
		For Class 52 Rating, Deduct	*-27.02*	
		For Class 54 Rating, Add	*18.42*	
		For Class 55 Rating, Add	*40.94*	
40 05 19 00-1112	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	580.65	197.91
		For Class 52 Rating, Deduct	*-30.89*	
		For Class 54 Rating, Add	*21.06*	
		For Class 55 Rating, Add	*46.81*	
40 05 19 00-1113	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	619.04	200.00
		For Class 52 Rating, Deduct	*-34.76*	
		For Class 54 Rating, Add	*23.70*	
		For Class 55 Rating, Add	*52.68*	
40 05 19 00-1114	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	657.43	202.11
		For Class 52 Rating, Deduct	*-38.63*	
		For Class 54 Rating, Add	*26.34*	
		For Class 55 Rating, Add	*58.55*	
40 05 19 00-1115	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	695.82	204.22
		For Class 52 Rating, Deduct	*-42.50*	
		For Class 54 Rating, Add	*28.98*	
		For Class 55 Rating, Add	*64.41*	
40 05 19 00-1116	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	734.21	206.33
		For Class 52 Rating, Deduct	*-46.38*	
		For Class 54 Rating, Add	*31.62*	
		For Class 55 Rating, Add	*70.28*	
40 05 19 00-1117	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	772.60	208.43
		For Class 52 Rating, Deduct	*-50.25*	
		For Class 54 Rating, Add	*34.26*	
		For Class 55 Rating, Add	*76.15*	
40 05 19 00-1118	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	810.99	210.54
		For Class 52 Rating, Deduct	*-54.12*	
		For Class 54 Rating, Add	*36.90*	
		For Class 55 Rating, Add	*82.02*	
40 05 19 00-1119	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	849.38	212.64
		For Class 52 Rating, Deduct	*-57.99*	
		For Class 54 Rating, Add	*39.54*	
		For Class 55 Rating, Add	*87.88*	
40 05 19 00-1120	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	887.77	214.74
		For Class 52 Rating, Deduct	*-61.86*	
		For Class 54 Rating, Add	*42.18*	
		For Class 55 Rating, Add	*93.75*	
40 05 19 00-1121	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	926.16	216.84
		For Class 52 Rating, Deduct	*-65.74*	
		For Class 54 Rating, Add	*44.82*	
		For Class 55 Rating, Add	*99.62*	
40 05 19 00-1122	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	964.55	218.95
		For Class 52 Rating, Deduct	*-69.61*	
		For Class 54 Rating, Add	*47.46*	
		For Class 55 Rating, Add	*105.49*	
40 05 19 00-1123	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,002.94	221.06
		For Class 52 Rating, Deduct	*-73.48*	
		For Class 54 Rating, Add	*50.10*	
		For Class 55 Rating, Add	*111.36*	
40 05 19 00-1124	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,041.33	223.16
		For Class 52 Rating, Deduct	*-77.35*	
		For Class 54 Rating, Add	*52.74*	
		For Class 55 Rating, Add	*117.22*	
40 05 19 00-1125	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,079.72	225.27
		For Class 52 Rating, Deduct	*-81.22*	
		For Class 54 Rating, Add	*55.38*	
		For Class 55 Rating, Add	*123.09*	
40 05 19 00-1126	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,118.11	227.38
		For Class 52 Rating, Deduct	*-85.10*	
		For Class 54 Rating, Add	*58.02*	
		For Class 55 Rating, Add	*128.96*	
40 05 19 00-1127	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,156.50	229.48
		For Class 52 Rating, Deduct	*-88.97*	
		For Class 54 Rating, Add	*60.66*	
		For Class 55 Rating, Add	*134.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1128	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,194.89	231.59
		For Class 52 Rating, Deduct	*-92.84*	
		For Class 54 Rating, Add	*63.30*	
		For Class 55 Rating, Add	*140.69*	
40 05 19 00-1129	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,233.28	233.70
		For Class 52 Rating, Deduct	*-96.71*	
		For Class 54 Rating, Add	*65.94*	
		For Class 55 Rating, Add	*146.56*	
40 05 19 00-1130	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,271.67	235.81
		For Class 52 Rating, Deduct	*-100.58*	
		For Class 54 Rating, Add	*68.58*	
		For Class 55 Rating, Add	*152.43*	
40 05 19 00-1131	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,310.06	237.90
		For Class 52 Rating, Deduct	*-104.46*	
		For Class 54 Rating, Add	*71.22*	
		For Class 55 Rating, Add	*158.30*	
40 05 19 00-1132	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,348.45	240.01
		For Class 52 Rating, Deduct	*-108.33*	
		For Class 54 Rating, Add	*73.86*	
		For Class 55 Rating, Add	*164.17*	
40 05 19 00-1133	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,386.84	242.11
		For Class 52 Rating, Deduct	*-112.20*	
		For Class 54 Rating, Add	*76.50*	
		For Class 55 Rating, Add	*170.03*	
40 05 19 00-1134	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,425.23	244.22
		For Class 52 Rating, Deduct	*-116.07*	
		For Class 54 Rating, Add	*79.14*	
		For Class 55 Rating, Add	*175.90*	
40 05 19 00-1135	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,463.62	246.32
		For Class 52 Rating, Deduct	*-119.94*	
		For Class 54 Rating, Add	*81.78*	
		For Class 55 Rating, Add	*181.77*	
40 05 19 00-1136	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,502.01	248.43
		For Class 52 Rating, Deduct	*-123.82*	
		For Class 54 Rating, Add	*84.42*	
		For Class 55 Rating, Add	*187.64*	
40 05 19 00-1137	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,540.40	250.54
		For Class 52 Rating, Deduct	*-127.69*	
		For Class 54 Rating, Add	*87.06*	
		For Class 55 Rating, Add	*193.51*	
40 05 19 00-1138	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,578.79	252.64
		For Class 52 Rating, Deduct	*-131.56*	
		For Class 54 Rating, Add	*89.70*	
		For Class 55 Rating, Add	*199.37*	
40 05 19 00-1139	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,617.18	254.74
		For Class 52 Rating, Deduct	*-135.43*	
		For Class 54 Rating, Add	*92.34*	
		For Class 55 Rating, Add	*205.24*	
40 05 19 00-1140	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,655.57	256.85
		For Class 52 Rating, Deduct	*-139.30*	
		For Class 54 Rating, Add	*94.98*	
		For Class 55 Rating, Add	*211.11*	
40 05 19 00-1141	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,693.96	258.96
		For Class 52 Rating, Deduct	*-143.18*	
		For Class 54 Rating, Add	*97.62*	
		For Class 55 Rating, Add	*216.98*	
40 05 19 00-1142	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,732.35	261.06
		For Class 52 Rating, Deduct	*-147.05*	
		For Class 54 Rating, Add	*100.26*	
		For Class 55 Rating, Add	*222.84*	
40 05 19 00-1143	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,770.74	263.17
		For Class 52 Rating, Deduct	*-150.92*	
		For Class 54 Rating, Add	*102.90*	
		For Class 55 Rating, Add	*228.71*	
40 05 19 00-1144	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,809.13	265.28
		For Class 52 Rating, Deduct	*-154.79*	
		For Class 54 Rating, Add	*105.54*	
		For Class 55 Rating, Add	*234.58*	
40 05 19 00-1145	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,847.52	267.38
		For Class 52 Rating, Deduct	*-158.66*	
		For Class 54 Rating, Add	*108.18*	
		For Class 55 Rating, Add	*240.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1146	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,885.91	269.49
		For Class 52 Rating, Deduct	*-162.54*	
		For Class 54 Rating, Add	*110.82*	
		For Class 55 Rating, Add	*246.32*	
40 05 19 00-1147	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,924.30	271.59
		For Class 52 Rating, Deduct	*-166.41*	
		For Class 54 Rating, Add	*113.46*	
		For Class 55 Rating, Add	*252.18*	
40 05 19 00-1148	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,962.69	273.70
		For Class 52 Rating, Deduct	*-170.28*	
		For Class 54 Rating, Add	*116.10*	
		For Class 55 Rating, Add	*258.05*	

40 05 19 00-1149 10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1150	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	628.47	235.81
		For Class 52 Rating, Deduct	*-29.83*	
		For Class 54 Rating, Add	*20.34*	
		For Class 55 Rating, Add	*45.21*	
40 05 19 00-1151	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	678.06	237.90
		For Class 52 Rating, Deduct	*-34.94*	
		For Class 54 Rating, Add	*23.82*	
		For Class 55 Rating, Add	*52.94*	
40 05 19 00-1152	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	727.65	240.01
		For Class 52 Rating, Deduct	*-40.04*	
		For Class 54 Rating, Add	*27.30*	
		For Class 55 Rating, Add	*60.68*	
40 05 19 00-1153	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	777.24	242.11
		For Class 52 Rating, Deduct	*-45.14*	
		For Class 54 Rating, Add	*30.78*	
		For Class 55 Rating, Add	*68.41*	
40 05 19 00-1154	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	826.83	244.22
		For Class 52 Rating, Deduct	*-50.25*	
		For Class 54 Rating, Add	*34.26*	
		For Class 55 Rating, Add	*76.15*	
40 05 19 00-1155	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	876.42	246.32
		For Class 52 Rating, Deduct	*-55.35*	
		For Class 54 Rating, Add	*37.74*	
		For Class 55 Rating, Add	*83.88*	
40 05 19 00-1156	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	926.01	248.43
		For Class 52 Rating, Deduct	*-60.46*	
		For Class 54 Rating, Add	*41.22*	
		For Class 55 Rating, Add	*91.62*	
40 05 19 00-1157	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	975.60	250.54
		For Class 52 Rating, Deduct	*-65.56*	
		For Class 54 Rating, Add	*44.70*	
		For Class 55 Rating, Add	*99.35*	
40 05 19 00-1158	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,025.19	252.64
		For Class 52 Rating, Deduct	*-70.66*	
		For Class 54 Rating, Add	*48.18*	
		For Class 55 Rating, Add	*107.09*	
40 05 19 00-1159	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,074.78	254.74
		For Class 52 Rating, Deduct	*-75.77*	
		For Class 54 Rating, Add	*51.66*	
		For Class 55 Rating, Add	*114.82*	
40 05 19 00-1160	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,124.37	256.85
		For Class 52 Rating, Deduct	*-80.87*	
		For Class 54 Rating, Add	*55.14*	
		For Class 55 Rating, Add	*122.56*	
40 05 19 00-1161	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,173.96	258.96
		For Class 52 Rating, Deduct	*-85.98*	
		For Class 54 Rating, Add	*58.62*	
		For Class 55 Rating, Add	*130.29*	
40 05 19 00-1162	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,223.55	261.06
		For Class 52 Rating, Deduct	*-91.08*	
		For Class 54 Rating, Add	*62.10*	
		For Class 55 Rating, Add	*138.03*	
40 05 19 00-1163	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,273.14	263.17
		For Class 52 Rating, Deduct	*-96.18*	
		For Class 54 Rating, Add	*65.58*	
		For Class 55 Rating, Add	*145.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1164	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,322.73	265.28
		For Class 52 Rating, Deduct	*-101.29*	
		For Class 54 Rating, Add	*69.06*	
		For Class 55 Rating, Add	*153.50*	
40 05 19 00-1165	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,372.32	267.38
		For Class 52 Rating, Deduct	*-106.39*	
		For Class 54 Rating, Add	*72.54*	
		For Class 55 Rating, Add	*161.23*	
40 05 19 00-1166	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,421.91	269.49
		For Class 52 Rating, Deduct	*-111.50*	
		For Class 54 Rating, Add	*76.02*	
		For Class 55 Rating, Add	*168.97*	
40 05 19 00-1167	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,471.50	271.59
		For Class 52 Rating, Deduct	*-116.60*	
		For Class 54 Rating, Add	*79.50*	
		For Class 55 Rating, Add	*176.70*	
40 05 19 00-1168	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,521.09	273.70
		For Class 52 Rating, Deduct	*-121.70*	
		For Class 54 Rating, Add	*82.98*	
		For Class 55 Rating, Add	*184.44*	
40 05 19 00-1169	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,570.68	275.79
		For Class 52 Rating, Deduct	*-126.81*	
		For Class 54 Rating, Add	*86.46*	
		For Class 55 Rating, Add	*192.17*	
40 05 19 00-1170	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,620.27	277.90
		For Class 52 Rating, Deduct	*-131.91*	
		For Class 54 Rating, Add	*89.94*	
		For Class 55 Rating, Add	*199.91*	
40 05 19 00-1171	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,669.86	280.01
		For Class 52 Rating, Deduct	*-137.02*	
		For Class 54 Rating, Add	*93.42*	
		For Class 55 Rating, Add	*207.64*	
40 05 19 00-1172	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,719.45	282.11
		For Class 52 Rating, Deduct	*-142.12*	
		For Class 54 Rating, Add	*96.90*	
		For Class 55 Rating, Add	*215.38*	
40 05 19 00-1173	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,769.04	284.22
		For Class 52 Rating, Deduct	*-147.22*	
		For Class 54 Rating, Add	*100.38*	
		For Class 55 Rating, Add	*223.11*	
40 05 19 00-1174	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,818.63	286.33
		For Class 52 Rating, Deduct	*-152.33*	
		For Class 54 Rating, Add	*103.86*	
		For Class 55 Rating, Add	*230.85*	
40 05 19 00-1175	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,868.22	288.44
		For Class 52 Rating, Deduct	*-157.43*	
		For Class 54 Rating, Add	*107.34*	
		For Class 55 Rating, Add	*238.58*	
40 05 19 00-1176	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,917.81	290.54
		For Class 52 Rating, Deduct	*-162.54*	
		For Class 54 Rating, Add	*110.82*	
		For Class 55 Rating, Add	*246.32*	
40 05 19 00-1177	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,967.40	292.64
		For Class 52 Rating, Deduct	*-167.64*	
		For Class 54 Rating, Add	*114.30*	
		For Class 55 Rating, Add	*254.05*	
40 05 19 00-1178	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,016.99	294.75
		For Class 52 Rating, Deduct	*-172.74*	
		For Class 54 Rating, Add	*117.78*	
		For Class 55 Rating, Add	*261.79*	
40 05 19 00-1179	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,066.58	296.85
		For Class 52 Rating, Deduct	*-177.85*	
		For Class 54 Rating, Add	*121.26*	
		For Class 55 Rating, Add	*269.52*	
40 05 19 00-1180	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,116.17	298.95
		For Class 52 Rating, Deduct	*-182.95*	
		For Class 54 Rating, Add	*124.74*	
		For Class 55 Rating, Add	*277.26*	
40 05 19 00-1181	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,165.76	301.06
		For Class 52 Rating, Deduct	*-188.06*	
		For Class 54 Rating, Add	*128.22*	
		For Class 55 Rating, Add	*284.99*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1182	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,215.35	303.17
		For Class 52 Rating, Deduct	*-193.16*	
		For Class 54 Rating, Add	*131.70*	
		For Class 55 Rating, Add	*292.73*	
40 05 19 00-1183	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,264.94	305.27
		For Class 52 Rating, Deduct	*-198.26*	
		For Class 54 Rating, Add	*135.18*	
		For Class 55 Rating, Add	*300.46*	
40 05 19 00-1184	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,314.53	307.38
		For Class 52 Rating, Deduct	*-203.37*	
		For Class 54 Rating, Add	*138.66*	
		For Class 55 Rating, Add	*308.19*	
40 05 19 00-1185	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,364.12	309.49
		For Class 52 Rating, Deduct	*-208.47*	
		For Class 54 Rating, Add	*142.14*	
		For Class 55 Rating, Add	*315.93*	
40 05 19 00-1186	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,413.71	311.60
		For Class 52 Rating, Deduct	*-213.58*	
		For Class 54 Rating, Add	*145.62*	
		For Class 55 Rating, Add	*323.66*	
40 05 19 00-1187	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,463.30	313.69
		For Class 52 Rating, Deduct	*-218.68*	
		For Class 54 Rating, Add	*149.10*	
		For Class 55 Rating, Add	*331.40*	
40 05 19 00-1188	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,512.89	315.80
		For Class 52 Rating, Deduct	*-223.78*	
		For Class 54 Rating, Add	*152.58*	
		For Class 55 Rating, Add	*339.13*	

40 05 19 00-1189 12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1190	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	808.19	294.75
		For Class 52 Rating, Deduct	*-39.78*	
		For Class 54 Rating, Add	*27.12*	
		For Class 55 Rating, Add	*60.28*	
40 05 19 00-1191	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	869.78	296.85
		For Class 52 Rating, Deduct	*-46.20*	
		For Class 54 Rating, Add	*31.50*	
		For Class 55 Rating, Add	*70.01*	
40 05 19 00-1192	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	931.37	298.95
		For Class 52 Rating, Deduct	*-52.62*	
		For Class 54 Rating, Add	*35.88*	
		For Class 55 Rating, Add	*79.75*	
40 05 19 00-1193	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	992.96	301.06
		For Class 52 Rating, Deduct	*-59.05*	
		For Class 54 Rating, Add	*40.26*	
		For Class 55 Rating, Add	*89.48*	
40 05 19 00-1194	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,054.55	303.17
		For Class 52 Rating, Deduct	*-65.47*	
		For Class 54 Rating, Add	*44.64*	
		For Class 55 Rating, Add	*99.22*	
40 05 19 00-1195	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,116.14	305.27
		For Class 52 Rating, Deduct	*-71.90*	
		For Class 54 Rating, Add	*49.02*	
		For Class 55 Rating, Add	*108.96*	
40 05 19 00-1196	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,177.73	307.38
		For Class 52 Rating, Deduct	*-78.32*	
		For Class 54 Rating, Add	*53.40*	
		For Class 55 Rating, Add	*118.69*	
40 05 19 00-1197	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,239.32	309.49
		For Class 52 Rating, Deduct	*-84.74*	
		For Class 54 Rating, Add	*57.78*	
		For Class 55 Rating, Add	*128.43*	
40 05 19 00-1198	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,300.91	311.60
		For Class 52 Rating, Deduct	*-91.17*	
		For Class 54 Rating, Add	*62.16*	
		For Class 55 Rating, Add	*138.16*	
40 05 19 00-1199	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,362.50	313.69
		For Class 52 Rating, Deduct	*-97.59*	
		For Class 54 Rating, Add	*66.54*	
		For Class 55 Rating, Add	*147.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1200	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,424.09	315.80
		For Class 52 Rating, Deduct	*-104.02*	
		For Class 54 Rating, Add	*70.92*	
		For Class 55 Rating, Add	*157.63*	
40 05 19 00-1201	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,485.68	317.91
		For Class 52 Rating, Deduct	*-110.44*	
		For Class 54 Rating, Add	*75.30*	
		For Class 55 Rating, Add	*167.37*	
40 05 19 00-1202	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,547.27	320.01
		For Class 52 Rating, Deduct	*-116.86*	
		For Class 54 Rating, Add	*79.68*	
		For Class 55 Rating, Add	*177.10*	
40 05 19 00-1203	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,608.86	322.12
		For Class 52 Rating, Deduct	*-123.29*	
		For Class 54 Rating, Add	*84.06*	
		For Class 55 Rating, Add	*186.84*	
40 05 19 00-1204	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,670.45	324.23
		For Class 52 Rating, Deduct	*-129.71*	
		For Class 54 Rating, Add	*88.44*	
		For Class 55 Rating, Add	*196.57*	
40 05 19 00-1205	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,732.03	326.33
		For Class 52 Rating, Deduct	*-136.14*	
		For Class 54 Rating, Add	*92.82*	
		For Class 55 Rating, Add	*206.31*	
40 05 19 00-1206	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,793.63	328.43
		For Class 52 Rating, Deduct	*-142.56*	
		For Class 54 Rating, Add	*97.20*	
		For Class 55 Rating, Add	*216.04*	
40 05 19 00-1207	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,855.21	330.53
		For Class 52 Rating, Deduct	*-148.98*	
		For Class 54 Rating, Add	*101.58*	
		For Class 55 Rating, Add	*225.78*	
40 05 19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,916.81	332.64
		For Class 52 Rating, Deduct	*-155.41*	
		For Class 54 Rating, Add	*105.96*	
		For Class 55 Rating, Add	*235.51*	
40 05 19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,978.39	334.74
		For Class 52 Rating, Deduct	*-161.83*	
		For Class 54 Rating, Add	*110.34*	
		For Class 55 Rating, Add	*245.25*	
40 05 19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,039.99	336.85
		For Class 52 Rating, Deduct	*-168.26*	
		For Class 54 Rating, Add	*114.72*	
		For Class 55 Rating, Add	*254.98*	
40 05 19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,101.57	338.96
		For Class 52 Rating, Deduct	*-174.68*	
		For Class 54 Rating, Add	*119.10*	
		For Class 55 Rating, Add	*264.72*	
40 05 19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,163.17	341.07
		For Class 52 Rating, Deduct	*-181.10*	
		For Class 54 Rating, Add	*123.48*	
		For Class 55 Rating, Add	*274.45*	
40 05 19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,224.75	343.17
		For Class 52 Rating, Deduct	*-187.53*	
		For Class 54 Rating, Add	*127.86*	
		For Class 55 Rating, Add	*284.19*	
40 05 19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,286.35	345.28
		For Class 52 Rating, Deduct	*-193.95*	
		For Class 54 Rating, Add	*132.24*	
		For Class 55 Rating, Add	*293.93*	
40 05 19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,347.93	347.39
		For Class 52 Rating, Deduct	*-200.38*	
		For Class 54 Rating, Add	*136.62*	
		For Class 55 Rating, Add	*303.66*	
40 05 19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,409.53	349.49
		For Class 52 Rating, Deduct	*-206.80*	
		For Class 54 Rating, Add	*141.00*	
		For Class 55 Rating, Add	*313.40*	
40 05 19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,471.11	351.59
		For Class 52 Rating, Deduct	*-213.22*	
		For Class 54 Rating, Add	*145.38*	
		For Class 55 Rating, Add	*323.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,532.71	353.70
		For Class 52 Rating, Deduct	*-219.65*	
		For Class 54 Rating, Add	*149.76*	
		For Class 55 Rating, Add	*332.87*	
40 05 19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,594.29	355.80
		For Class 52 Rating, Deduct	*-226.07*	
		For Class 54 Rating, Add	*154.14*	
		For Class 55 Rating, Add	*342.60*	
40 05 19 00-1220	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,655.89	357.90
		For Class 52 Rating, Deduct	*-232.50*	
		For Class 54 Rating, Add	*158.52*	
		For Class 55 Rating, Add	*352.34*	
40 05 19 00-1221	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,717.47	360.01
		For Class 52 Rating, Deduct	*-238.92*	
		For Class 54 Rating, Add	*162.90*	
		For Class 55 Rating, Add	*362.07*	
40 05 19 00-1222	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,779.07	362.12
		For Class 52 Rating, Deduct	*-245.34*	
		For Class 54 Rating, Add	*167.28*	
		For Class 55 Rating, Add	*371.81*	
40 05 19 00-1223	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,840.65	364.23
		For Class 52 Rating, Deduct	*-251.77*	
		For Class 54 Rating, Add	*171.66*	
		For Class 55 Rating, Add	*381.54*	
40 05 19 00-1224	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,902.25	366.33
		For Class 52 Rating, Deduct	*-258.19*	
		For Class 54 Rating, Add	*176.04*	
		For Class 55 Rating, Add	*391.28*	
40 05 19 00-1225	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,963.83	368.43
		For Class 52 Rating, Deduct	*-264.62*	
		For Class 54 Rating, Add	*180.42*	
		For Class 55 Rating, Add	*401.01*	
40 05 19 00-1226	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,025.43	370.54
		For Class 52 Rating, Deduct	*-271.04*	
		For Class 54 Rating, Add	*184.80*	
		For Class 55 Rating, Add	*410.75*	
40 05 19 00-1227	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,087.01	372.64
		For Class 52 Rating, Deduct	*-277.46*	
		For Class 54 Rating, Add	*189.18*	
		For Class 55 Rating, Add	*420.48*	
40 05 19 00-1228	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,148.61	374.75
		For Class 52 Rating, Deduct	*-283.89*	
		For Class 54 Rating, Add	*193.56*	
		For Class 55 Rating, Add	*430.22*	

40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1230	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,051.91	353.70
		For Class 52 Rating, Deduct	*-56.76*	
		For Class 54 Rating, Add	*38.70*	
		For Class 55 Rating, Add	*86.02*	
40 05 19 00-1231	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,126.29	355.80
		For Class 52 Rating, Deduct	*-64.59*	
		For Class 54 Rating, Add	*44.04*	
		For Class 55 Rating, Add	*97.89*	
40 05 19 00-1232	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,200.69	357.90
		For Class 52 Rating, Deduct	*-72.42*	
		For Class 54 Rating, Add	*49.38*	
		For Class 55 Rating, Add	*109.76*	
40 05 19 00-1233	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,275.07	360.01
		For Class 52 Rating, Deduct	*-80.26*	
		For Class 54 Rating, Add	*54.72*	
		For Class 55 Rating, Add	*121.62*	
40 05 19 00-1234	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,349.47	362.12
		For Class 52 Rating, Deduct	*-88.09*	
		For Class 54 Rating, Add	*60.06*	
		For Class 55 Rating, Add	*133.49*	
40 05 19 00-1235	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,423.85	364.23
		For Class 52 Rating, Deduct	*-95.92*	
		For Class 54 Rating, Add	*65.40*	
		For Class 55 Rating, Add	*145.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1236	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,498.25	366.33
		For Class 52 Rating, Deduct	*-103.75*	
		For Class 54 Rating, Add	*70.74*	
		For Class 55 Rating, Add	*157.23*	
40 05 19 00-1237	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,572.63	368.43
		For Class 52 Rating, Deduct	*-111.58*	
		For Class 54 Rating, Add	*76.08*	
		For Class 55 Rating, Add	*169.10*	
40 05 19 00-1238	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,647.03	370.54
		For Class 52 Rating, Deduct	*-119.42*	
		For Class 54 Rating, Add	*81.42*	
		For Class 55 Rating, Add	*180.97*	
40 05 19 00-1239	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,721.41	372.64
		For Class 52 Rating, Deduct	*-127.25*	
		For Class 54 Rating, Add	*86.76*	
		For Class 55 Rating, Add	*192.84*	
40 05 19 00-1240	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,795.81	374.75
		For Class 52 Rating, Deduct	*-135.08*	
		For Class 54 Rating, Add	*92.10*	
		For Class 55 Rating, Add	*204.71*	
40 05 19 00-1241	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,870.19	376.86
		For Class 52 Rating, Deduct	*-142.91*	
		For Class 54 Rating, Add	*97.44*	
		For Class 55 Rating, Add	*216.58*	
40 05 19 00-1242	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,944.59	378.97
		For Class 52 Rating, Deduct	*-150.74*	
		For Class 54 Rating, Add	*102.78*	
		For Class 55 Rating, Add	*228.45*	
40 05 19 00-1243	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,018.97	381.07
		For Class 52 Rating, Deduct	*-158.58*	
		For Class 54 Rating, Add	*108.12*	
		For Class 55 Rating, Add	*240.31*	
40 05 19 00-1244	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,093.37	383.17
		For Class 52 Rating, Deduct	*-166.41*	
		For Class 54 Rating, Add	*113.46*	
		For Class 55 Rating, Add	*252.18*	
40 05 19 00-1245	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,167.75	385.28
		For Class 52 Rating, Deduct	*-174.24*	
		For Class 54 Rating, Add	*118.80*	
		For Class 55 Rating, Add	*264.05*	
40 05 19 00-1246	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,242.15	387.37
		For Class 52 Rating, Deduct	*-182.07*	
		For Class 54 Rating, Add	*124.14*	
		For Class 55 Rating, Add	*275.92*	
40 05 19 00-1247	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,316.53	389.48
		For Class 52 Rating, Deduct	*-189.90*	
		For Class 54 Rating, Add	*129.48*	
		For Class 55 Rating, Add	*287.79*	
40 05 19 00-1248	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,390.93	391.59
		For Class 52 Rating, Deduct	*-197.74*	
		For Class 54 Rating, Add	*134.82*	
		For Class 55 Rating, Add	*299.66*	
40 05 19 00-1249	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,465.31	393.70
		For Class 52 Rating, Deduct	*-205.57*	
		For Class 54 Rating, Add	*140.16*	
		For Class 55 Rating, Add	*311.53*	
40 05 19 00-1250	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,539.71	395.80
		For Class 52 Rating, Deduct	*-213.40*	
		For Class 54 Rating, Add	*145.50*	
		For Class 55 Rating, Add	*323.40*	
40 05 19 00-1251	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,614.09	397.91
		For Class 52 Rating, Deduct	*-221.23*	
		For Class 54 Rating, Add	*150.84*	
		For Class 55 Rating, Add	*335.27*	
40 05 19 00-1252	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,688.49	400.02
		For Class 52 Rating, Deduct	*-229.06*	
		For Class 54 Rating, Add	*156.18*	
		For Class 55 Rating, Add	*347.14*	
40 05 19 00-1253	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,762.87	402.13
		For Class 52 Rating, Deduct	*-236.90*	
		For Class 54 Rating, Add	*161.52*	
		For Class 55 Rating, Add	*359.01*	

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	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1254	EA 14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,837.27	404.23
	For Class 52 Rating, Deduct	*-244.73*	
	For Class 54 Rating, Add	*166.86*	
	For Class 55 Rating, Add	*370.87*	
40 05 19 00-1255	EA 14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,911.65	406.33
	For Class 52 Rating, Deduct	*-252.56*	
	For Class 54 Rating, Add	*172.20*	
	For Class 55 Rating, Add	*382.74*	
40 05 19 00-1256	EA 14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,986.05	408.44
	For Class 52 Rating, Deduct	*-260.39*	
	For Class 54 Rating, Add	*177.54*	
	For Class 55 Rating, Add	*394.61*	
40 05 19 00-1257	EA 14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,060.43	410.54
	For Class 52 Rating, Deduct	*-268.22*	
	For Class 54 Rating, Add	*182.88*	
	For Class 55 Rating, Add	*406.48*	
40 05 19 00-1258	EA 14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,134.83	412.64
	For Class 52 Rating, Deduct	*-276.06*	
	For Class 54 Rating, Add	*188.22*	
	For Class 55 Rating, Add	*418.35*	
40 05 19 00-1259	EA 14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,209.21	414.75
	For Class 52 Rating, Deduct	*-283.89*	
	For Class 54 Rating, Add	*193.56*	
	For Class 55 Rating, Add	*430.22*	
40 05 19 00-1260	EA 14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,283.61	416.86
	For Class 52 Rating, Deduct	*-291.72*	
	For Class 54 Rating, Add	*198.90*	
	For Class 55 Rating, Add	*442.09*	
40 05 19 00-1261	EA 14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,357.99	418.96
	For Class 52 Rating, Deduct	*-299.55*	
	For Class 54 Rating, Add	*204.24*	
	For Class 55 Rating, Add	*453.96*	
40 05 19 00-1262	EA 14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,432.39	421.07
	For Class 52 Rating, Deduct	*-307.38*	
	For Class 54 Rating, Add	*209.58*	
	For Class 55 Rating, Add	*465.83*	
40 05 19 00-1263	EA 14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,506.77	423.18
	For Class 52 Rating, Deduct	*-315.22*	
	For Class 54 Rating, Add	*214.92*	
	For Class 55 Rating, Add	*477.70*	
40 05 19 00-1264	EA 14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,581.16	425.27
	For Class 52 Rating, Deduct	*-323.05*	
	For Class 54 Rating, Add	*220.26*	
	For Class 55 Rating, Add	*489.56*	
40 05 19 00-1265	EA 14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,655.55	427.38
	For Class 52 Rating, Deduct	*-330.88*	
	For Class 54 Rating, Add	*225.60*	
	For Class 55 Rating, Add	*501.43*	
40 05 19 00-1266	EA 14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,729.94	429.49
	For Class 52 Rating, Deduct	*-338.71*	
	For Class 54 Rating, Add	*230.94*	
	For Class 55 Rating, Add	*513.30*	
40 05 19 00-1267	EA 14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,804.33	431.60
	For Class 52 Rating, Deduct	*-346.54*	
	For Class 54 Rating, Add	*236.28*	
	For Class 55 Rating, Add	*525.17*	

40 05 19 00-1268 16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1269	EA 16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,222.87	404.23
	For Class 52 Rating, Deduct	*-67.14*	
	For Class 54 Rating, Add	*45.78*	
	For Class 55 Rating, Add	*101.75*	
40 05 19 00-1270	EA 16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,309.25	406.33
	For Class 52 Rating, Deduct	*-76.30*	
	For Class 54 Rating, Add	*52.02*	
	For Class 55 Rating, Add	*115.62*	
40 05 19 00-1271	EA 16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,395.65	408.44
	For Class 52 Rating, Deduct	*-85.45*	
	For Class 54 Rating, Add	*58.26*	
	For Class 55 Rating, Add	*129.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1272	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,482.03	410.54
		For Class 52 Rating, Deduct	*-94.60*	
		For Class 54 Rating, Add	*64.50*	
		For Class 55 Rating, Add	*143.36*	
40 05 19 00-1273	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,568.43	412.64
		For Class 52 Rating, Deduct	*-103.75*	
		For Class 54 Rating, Add	*70.74*	
		For Class 55 Rating, Add	*157.23*	
40 05 19 00-1274	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,654.81	414.75
		For Class 52 Rating, Deduct	*-112.90*	
		For Class 54 Rating, Add	*76.98*	
		For Class 55 Rating, Add	*171.10*	
40 05 19 00-1275	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,741.21	416.86
		For Class 52 Rating, Deduct	*-122.06*	
		For Class 54 Rating, Add	*83.22*	
		For Class 55 Rating, Add	*184.97*	
40 05 19 00-1276	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,827.59	418.96
		For Class 52 Rating, Deduct	*-131.21*	
		For Class 54 Rating, Add	*89.46*	
		For Class 55 Rating, Add	*198.84*	
40 05 19 00-1277	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,913.99	421.07
		For Class 52 Rating, Deduct	*-140.36*	
		For Class 54 Rating, Add	*95.70*	
		For Class 55 Rating, Add	*212.71*	
40 05 19 00-1278	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,000.37	423.18
		For Class 52 Rating, Deduct	*-149.51*	
		For Class 54 Rating, Add	*101.94*	
		For Class 55 Rating, Add	*226.58*	
40 05 19 00-1279	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,086.76	425.27
		For Class 52 Rating, Deduct	*-158.66*	
		For Class 54 Rating, Add	*108.18*	
		For Class 55 Rating, Add	*240.45*	
40 05 19 00-1280	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,173.15	427.38
		For Class 52 Rating, Deduct	*-167.82*	
		For Class 54 Rating, Add	*114.42*	
		For Class 55 Rating, Add	*254.32*	
40 05 19 00-1281	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,259.54	429.49
		For Class 52 Rating, Deduct	*-176.97*	
		For Class 54 Rating, Add	*120.66*	
		For Class 55 Rating, Add	*268.19*	
40 05 19 00-1282	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,345.93	431.60
		For Class 52 Rating, Deduct	*-186.12*	
		For Class 54 Rating, Add	*126.90*	
		For Class 55 Rating, Add	*282.06*	
40 05 19 00-1283	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,432.32	433.70
		For Class 52 Rating, Deduct	*-195.27*	
		For Class 54 Rating, Add	*133.14*	
		For Class 55 Rating, Add	*295.93*	
40 05 19 00-1284	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,518.71	435.81
		For Class 52 Rating, Deduct	*-204.42*	
		For Class 54 Rating, Add	*139.38*	
		For Class 55 Rating, Add	*309.80*	
40 05 19 00-1285	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,605.10	437.92
		For Class 52 Rating, Deduct	*-213.58*	
		For Class 54 Rating, Add	*145.62*	
		For Class 55 Rating, Add	*323.66*	
40 05 19 00-1286	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,691.49	440.02
		For Class 52 Rating, Deduct	*-222.73*	
		For Class 54 Rating, Add	*151.86*	
		For Class 55 Rating, Add	*337.53*	
40 05 19 00-1287	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,777.88	442.12
		For Class 52 Rating, Deduct	*-231.88*	
		For Class 54 Rating, Add	*158.10*	
		For Class 55 Rating, Add	*351.40*	
40 05 19 00-1288	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,864.27	444.22
		For Class 52 Rating, Deduct	*-241.03*	
		For Class 54 Rating, Add	*164.34*	
		For Class 55 Rating, Add	*365.27*	
40 05 19 00-1289	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,950.66	446.33
		For Class 52 Rating, Deduct	*-250.18*	
		For Class 54 Rating, Add	*170.58*	
		For Class 55 Rating, Add	*379.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1290	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,037.05	448.43
		For Class 52 Rating, Deduct	*-259.34*	
		For Class 54 Rating, Add	*176.82*	
		For Class 55 Rating, Add	*393.01*	
40 05 19 00-1291	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,123.44	450.54
		For Class 52 Rating, Deduct	*-268.49*	
		For Class 54 Rating, Add	*183.06*	
		For Class 55 Rating, Add	*406.88*	
40 05 19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,209.83	452.65
		For Class 52 Rating, Deduct	*-277.64*	
		For Class 54 Rating, Add	*189.30*	
		For Class 55 Rating, Add	*420.75*	
40 05 19 00-1293	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,296.22	454.76
		For Class 52 Rating, Deduct	*-286.79*	
		For Class 54 Rating, Add	*195.54*	
		For Class 55 Rating, Add	*434.62*	
40 05 19 00-1294	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,382.61	456.86
		For Class 52 Rating, Deduct	*-295.94*	
		For Class 54 Rating, Add	*201.78*	
		For Class 55 Rating, Add	*448.49*	
40 05 19 00-1295	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,469.00	458.97
		For Class 52 Rating, Deduct	*-305.10*	
		For Class 54 Rating, Add	*208.02*	
		For Class 55 Rating, Add	*462.36*	
40 05 19 00-1296	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,555.39	461.08
		For Class 52 Rating, Deduct	*-314.25*	
		For Class 54 Rating, Add	*214.26*	
		For Class 55 Rating, Add	*476.23*	
40 05 19 00-1297	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,641.78	463.17
		For Class 52 Rating, Deduct	*-323.40*	
		For Class 54 Rating, Add	*220.50*	
		For Class 55 Rating, Add	*490.10*	
40 05 19 00-1298	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,728.17	465.28
		For Class 52 Rating, Deduct	*-332.55*	
		For Class 54 Rating, Add	*226.74*	
		For Class 55 Rating, Add	*503.97*	
40 05 19 00-1299	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,814.56	467.39
		For Class 52 Rating, Deduct	*-341.70*	
		For Class 54 Rating, Add	*232.98*	
		For Class 55 Rating, Add	*517.84*	
40 05 19 00-1300	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,900.95	469.49
		For Class 52 Rating, Deduct	*-350.86*	
		For Class 54 Rating, Add	*239.22*	
		For Class 55 Rating, Add	*531.71*	
40 05 19 00-1301	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,987.34	471.59
		For Class 52 Rating, Deduct	*-360.01*	
		For Class 54 Rating, Add	*245.46*	
		For Class 55 Rating, Add	*545.58*	
40 05 19 00-1302	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,073.73	473.70
		For Class 52 Rating, Deduct	*-369.16*	
		For Class 54 Rating, Add	*251.70*	
		For Class 55 Rating, Add	*559.45*	
40 05 19 00-1303	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,160.12	475.81
		For Class 52 Rating, Deduct	*-378.31*	
		For Class 54 Rating, Add	*257.94*	
		For Class 55 Rating, Add	*573.31*	
40 05 19 00-1304	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,246.51	477.91
		For Class 52 Rating, Deduct	*-387.46*	
		For Class 54 Rating, Add	*264.18*	
		For Class 55 Rating, Add	*587.18*	
40 05 19 00-1305	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,332.90	480.02
		For Class 52 Rating, Deduct	*-396.62*	
		For Class 54 Rating, Add	*270.42*	
		For Class 55 Rating, Add	*601.05*	
40 05 19 00-1306	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,419.29	482.12
		For Class 52 Rating, Deduct	*-405.77*	
		For Class 54 Rating, Add	*276.66*	
		For Class 55 Rating, Add	*614.92*	

40 05 19 00-1307 18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1308	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,406.30	455.60
		For Class 52 Rating, Deduct	*-78.76*	
		For Class 54 Rating, Add	*53.70*	
		For Class 55 Rating, Add	*119.36*	
40 05 19 00-1309	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,505.49	457.70
		For Class 52 Rating, Deduct	*-89.32*	
		For Class 54 Rating, Add	*60.90*	
		For Class 55 Rating, Add	*135.36*	
40 05 19 00-1310	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,604.68	459.80
		For Class 52 Rating, Deduct	*-99.88*	
		For Class 54 Rating, Add	*68.10*	
		For Class 55 Rating, Add	*151.36*	
40 05 19 00-1311	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,703.87	461.91
		For Class 52 Rating, Deduct	*-110.44*	
		For Class 54 Rating, Add	*75.30*	
		For Class 55 Rating, Add	*167.37*	
40 05 19 00-1312	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,803.06	464.02
		For Class 52 Rating, Deduct	*-121.00*	
		For Class 54 Rating, Add	*82.50*	
		For Class 55 Rating, Add	*183.37*	
40 05 19 00-1313	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,902.25	466.12
		For Class 52 Rating, Deduct	*-131.56*	
		For Class 54 Rating, Add	*89.70*	
		For Class 55 Rating, Add	*199.37*	
40 05 19 00-1314	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,001.44	468.23
		For Class 52 Rating, Deduct	*-142.12*	
		For Class 54 Rating, Add	*96.90*	
		For Class 55 Rating, Add	*215.38*	
40 05 19 00-1315	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,100.63	470.33
		For Class 52 Rating, Deduct	*-152.68*	
		For Class 54 Rating, Add	*104.10*	
		For Class 55 Rating, Add	*231.38*	
40 05 19 00-1316	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,199.82	472.44
		For Class 52 Rating, Deduct	*-163.24*	
		For Class 54 Rating, Add	*111.30*	
		For Class 55 Rating, Add	*247.38*	
40 05 19 00-1317	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,299.01	474.54
		For Class 52 Rating, Deduct	*-173.80*	
		For Class 54 Rating, Add	*118.50*	
		For Class 55 Rating, Add	*263.39*	
40 05 19 00-1318	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,398.20	476.65
		For Class 52 Rating, Deduct	*-184.36*	
		For Class 54 Rating, Add	*125.70*	
		For Class 55 Rating, Add	*279.39*	
40 05 19 00-1319	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,497.39	478.76
		For Class 52 Rating, Deduct	*-194.92*	
		For Class 54 Rating, Add	*132.90*	
		For Class 55 Rating, Add	*295.39*	
40 05 19 00-1320	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,596.58	480.86
		For Class 52 Rating, Deduct	*-205.48*	
		For Class 54 Rating, Add	*140.10*	
		For Class 55 Rating, Add	*311.40*	
40 05 19 00-1321	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,695.77	482.97
		For Class 52 Rating, Deduct	*-216.04*	
		For Class 54 Rating, Add	*147.30*	
		For Class 55 Rating, Add	*327.40*	
40 05 19 00-1322	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,794.96	485.07
		For Class 52 Rating, Deduct	*-226.60*	
		For Class 54 Rating, Add	*154.50*	
		For Class 55 Rating, Add	*343.40*	
40 05 19 00-1323	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,894.15	487.18
		For Class 52 Rating, Deduct	*-237.16*	
		For Class 54 Rating, Add	*161.70*	
		For Class 55 Rating, Add	*359.41*	
40 05 19 00-1324	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,993.34	489.27
		For Class 52 Rating, Deduct	*-247.72*	
		For Class 54 Rating, Add	*168.90*	
		For Class 55 Rating, Add	*375.41*	
40 05 19 00-1325	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,092.53	491.38
		For Class 52 Rating, Deduct	*-258.28*	
		For Class 54 Rating, Add	*176.10*	
		For Class 55 Rating, Add	*391.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1326	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,191.72	493.49
		For Class 52 Rating, Deduct	*-268.84*	
		For Class 54 Rating, Add	*183.30*	
		For Class 55 Rating, Add	*407.41*	
40 05 19 00-1327	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,290.91	495.59
		For Class 52 Rating, Deduct	*-279.40*	
		For Class 54 Rating, Add	*190.50*	
		For Class 55 Rating, Add	*423.42*	
40 05 19 00-1328	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,390.10	497.70
		For Class 52 Rating, Deduct	*-289.96*	
		For Class 54 Rating, Add	*197.70*	
		For Class 55 Rating, Add	*439.42*	
40 05 19 00-1329	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,489.29	499.81
		For Class 52 Rating, Deduct	*-300.52*	
		For Class 54 Rating, Add	*204.90*	
		For Class 55 Rating, Add	*455.42*	
40 05 19 00-1330	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,588.48	501.92
		For Class 52 Rating, Deduct	*-311.08*	
		For Class 54 Rating, Add	*212.10*	
		For Class 55 Rating, Add	*471.43*	
40 05 19 00-1331	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,687.67	504.02
		For Class 52 Rating, Deduct	*-321.64*	
		For Class 54 Rating, Add	*219.30*	
		For Class 55 Rating, Add	*487.43*	
40 05 19 00-1332	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,786.86	506.13
		For Class 52 Rating, Deduct	*-332.20*	
		For Class 54 Rating, Add	*226.50*	
		For Class 55 Rating, Add	*503.43*	
40 05 19 00-1333	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,886.05	508.23
		For Class 52 Rating, Deduct	*-342.76*	
		For Class 54 Rating, Add	*233.70*	
		For Class 55 Rating, Add	*519.44*	
40 05 19 00-1334	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,985.24	510.34
		For Class 52 Rating, Deduct	*-353.32*	
		For Class 54 Rating, Add	*240.90*	
		For Class 55 Rating, Add	*535.44*	
40 05 19 00-1335	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,084.43	512.44
		For Class 52 Rating, Deduct	*-363.88*	
		For Class 54 Rating, Add	*248.10*	
		For Class 55 Rating, Add	*551.44*	
40 05 19 00-1336	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,183.62	514.54
		For Class 52 Rating, Deduct	*-374.44*	
		For Class 54 Rating, Add	*255.30*	
		For Class 55 Rating, Add	*567.45*	
40 05 19 00-1337	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,282.80	516.65
		For Class 52 Rating, Deduct	*-385.00*	
		For Class 54 Rating, Add	*262.50*	
		For Class 55 Rating, Add	*583.45*	
40 05 19 00-1338	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,382.00	518.75
		For Class 52 Rating, Deduct	*-395.56*	
		For Class 54 Rating, Add	*269.70*	
		For Class 55 Rating, Add	*599.45*	
40 05 19 00-1339	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,481.19	520.86
		For Class 52 Rating, Deduct	*-406.12*	
		For Class 54 Rating, Add	*276.90*	
		For Class 55 Rating, Add	*615.46*	
40 05 19 00-1340	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,580.38	522.97
		For Class 52 Rating, Deduct	*-416.68*	
		For Class 54 Rating, Add	*284.10*	
		For Class 55 Rating, Add	*631.46*	
40 05 19 00-1341	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,679.56	525.08
		For Class 52 Rating, Deduct	*-427.24*	
		For Class 54 Rating, Add	*291.30*	
		For Class 55 Rating, Add	*647.46*	
40 05 19 00-1342	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,778.76	527.17
		For Class 52 Rating, Deduct	*-437.80*	
		For Class 54 Rating, Add	*298.50*	
		For Class 55 Rating, Add	*663.47*	
40 05 19 00-1343	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,877.94	529.28
		For Class 52 Rating, Deduct	*-448.36*	
		For Class 54 Rating, Add	*305.70*	
		For Class 55 Rating, Add	*679.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1344	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,977.14	531.39
		For Class 52 Rating, Deduct	*-458.92*	
		For Class 54 Rating, Add	*312.90*	
		For Class 55 Rating, Add	*695.47*	
40 05 19 00-1345	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,076.32	533.49
		For Class 52 Rating, Deduct	*-469.48*	
		For Class 54 Rating, Add	*320.10*	
		For Class 55 Rating, Add	*711.48*	

40 05 19 00-1346 20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1347	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,631.11	520.02
		For Class 52 Rating, Deduct	*-92.75*	
		For Class 54 Rating, Add	*63.24*	
		For Class 55 Rating, Add	*140.56*	
40 05 19 00-1348	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,744.69	522.13
		For Class 52 Rating, Deduct	*-104.90*	
		For Class 54 Rating, Add	*71.52*	
		For Class 55 Rating, Add	*158.97*	
40 05 19 00-1349	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,858.29	524.23
		For Class 52 Rating, Deduct	*-117.04*	
		For Class 54 Rating, Add	*79.80*	
		For Class 55 Rating, Add	*177.37*	
40 05 19 00-1350	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,971.87	526.33
		For Class 52 Rating, Deduct	*-129.18*	
		For Class 54 Rating, Add	*88.08*	
		For Class 55 Rating, Add	*195.77*	
40 05 19 00-1351	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,085.47	528.44
		For Class 52 Rating, Deduct	*-141.33*	
		For Class 54 Rating, Add	*96.36*	
		For Class 55 Rating, Add	*214.18*	
40 05 19 00-1352	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,199.05	530.54
		For Class 52 Rating, Deduct	*-153.47*	
		For Class 54 Rating, Add	*104.64*	
		For Class 55 Rating, Add	*232.58*	
40 05 19 00-1353	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,312.65	532.65
		For Class 52 Rating, Deduct	*-165.62*	
		For Class 54 Rating, Add	*112.92*	
		For Class 55 Rating, Add	*250.98*	
40 05 19 00-1354	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,426.23	534.76
		For Class 52 Rating, Deduct	*-177.76*	
		For Class 54 Rating, Add	*121.20*	
		For Class 55 Rating, Add	*269.39*	
40 05 19 00-1355	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,539.83	536.87
		For Class 52 Rating, Deduct	*-189.90*	
		For Class 54 Rating, Add	*129.48*	
		For Class 55 Rating, Add	*287.79*	
40 05 19 00-1356	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,653.41	538.96
		For Class 52 Rating, Deduct	*-202.05*	
		For Class 54 Rating, Add	*137.76*	
		For Class 55 Rating, Add	*306.19*	
40 05 19 00-1357	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,767.01	541.07
		For Class 52 Rating, Deduct	*-214.19*	
		For Class 54 Rating, Add	*146.04*	
		For Class 55 Rating, Add	*324.60*	
40 05 19 00-1358	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,880.59	543.18
		For Class 52 Rating, Deduct	*-226.34*	
		For Class 54 Rating, Add	*154.32*	
		For Class 55 Rating, Add	*343.00*	
40 05 19 00-1359	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,994.19	545.28
		For Class 52 Rating, Deduct	*-238.48*	
		For Class 54 Rating, Add	*162.60*	
		For Class 55 Rating, Add	*361.41*	
40 05 19 00-1360	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,107.77	547.39
		For Class 52 Rating, Deduct	*-250.62*	
		For Class 54 Rating, Add	*170.88*	
		For Class 55 Rating, Add	*379.81*	
40 05 19 00-1361	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,221.37	549.50
		For Class 52 Rating, Deduct	*-262.77*	
		For Class 54 Rating, Add	*179.16*	
		For Class 55 Rating, Add	*398.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1362	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,334.95	551.61
		For Class 52 Rating, Deduct	*-274.91*	
		For Class 54 Rating, Add	*187.44*	
		For Class 55 Rating, Add	*416.62*	
40 05 19 00-1363	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,448.55	553.71
		For Class 52 Rating, Deduct	*-287.06*	
		For Class 54 Rating, Add	*195.72*	
		For Class 55 Rating, Add	*435.02*	
40 05 19 00-1364	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,562.13	555.81
		For Class 52 Rating, Deduct	*-299.20*	
		For Class 54 Rating, Add	*204.00*	
		For Class 55 Rating, Add	*453.42*	
40 05 19 00-1365	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,675.73	557.91
		For Class 52 Rating, Deduct	*-311.34*	
		For Class 54 Rating, Add	*212.28*	
		For Class 55 Rating, Add	*471.83*	
40 05 19 00-1366	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,789.31	560.02
		For Class 52 Rating, Deduct	*-323.49*	
		For Class 54 Rating, Add	*220.56*	
		For Class 55 Rating, Add	*490.23*	
40 05 19 00-1367	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,902.91	562.12
		For Class 52 Rating, Deduct	*-335.63*	
		For Class 54 Rating, Add	*228.84*	
		For Class 55 Rating, Add	*508.64*	
40 05 19 00-1368	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,016.49	564.23
		For Class 52 Rating, Deduct	*-347.78*	
		For Class 54 Rating, Add	*237.12*	
		For Class 55 Rating, Add	*527.04*	
40 05 19 00-1369	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,130.09	566.34
		For Class 52 Rating, Deduct	*-359.92*	
		For Class 54 Rating, Add	*245.40*	
		For Class 55 Rating, Add	*545.44*	
40 05 19 00-1370	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,243.67	568.44
		For Class 52 Rating, Deduct	*-372.06*	
		For Class 54 Rating, Add	*253.68*	
		For Class 55 Rating, Add	*563.85*	
40 05 19 00-1371	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,357.27	570.55
		For Class 52 Rating, Deduct	*-384.21*	
		For Class 54 Rating, Add	*261.96*	
		For Class 55 Rating, Add	*582.25*	
40 05 19 00-1372	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,470.85	572.66
		For Class 52 Rating, Deduct	*-396.35*	
		For Class 54 Rating, Add	*270.24*	
		For Class 55 Rating, Add	*600.65*	
40 05 19 00-1373	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,584.45	574.77
		For Class 52 Rating, Deduct	*-408.50*	
		For Class 54 Rating, Add	*278.52*	
		For Class 55 Rating, Add	*619.06*	
40 05 19 00-1374	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,698.03	576.86
		For Class 52 Rating, Deduct	*-420.64*	
		For Class 54 Rating, Add	*286.80*	
		For Class 55 Rating, Add	*637.46*	
40 05 19 00-1375	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,811.63	578.97
		For Class 52 Rating, Deduct	*-432.78*	
		For Class 54 Rating, Add	*295.08*	
		For Class 55 Rating, Add	*655.86*	
40 05 19 00-1376	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,925.21	581.07
		For Class 52 Rating, Deduct	*-444.93*	
		For Class 54 Rating, Add	*303.36*	
		For Class 55 Rating, Add	*674.27*	
40 05 19 00-1377	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,038.81	583.17
		For Class 52 Rating, Deduct	*-457.07*	
		For Class 54 Rating, Add	*311.64*	
		For Class 55 Rating, Add	*692.67*	
40 05 19 00-1378	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,152.39	585.28
		For Class 52 Rating, Deduct	*-469.22*	
		For Class 54 Rating, Add	*319.92*	
		For Class 55 Rating, Add	*711.08*	
40 05 19 00-1379	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,265.99	587.39
		For Class 52 Rating, Deduct	*-481.36*	
		For Class 54 Rating, Add	*328.20*	
		For Class 55 Rating, Add	*729.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1380	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,379.57	589.50
		For Class 52 Rating, Deduct	*-493.50*	
		For Class 54 Rating, Add	*336.48*	
		For Class 55 Rating, Add	*747.88*	
40 05 19 00-1381	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,493.17	591.60
		For Class 52 Rating, Deduct	*-505.65*	
		For Class 54 Rating, Add	*344.76*	
		For Class 55 Rating, Add	*766.29*	
40 05 19 00-1382	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,606.75	593.71
		For Class 52 Rating, Deduct	*-517.79*	
		For Class 54 Rating, Add	*353.04*	
		For Class 55 Rating, Add	*784.69*	
40 05 19 00-1383	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,720.35	595.81
		For Class 52 Rating, Deduct	*-529.94*	
		For Class 54 Rating, Add	*361.32*	
		For Class 55 Rating, Add	*803.09*	
40 05 19 00-1384	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,833.93	597.91
		For Class 52 Rating, Deduct	*-542.08*	
		For Class 54 Rating, Add	*369.60*	
		For Class 55 Rating, Add	*821.50*	

40 05 19 00-1385 24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1386	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,984.25	614.75
		For Class 52 Rating, Deduct	*-115.81*	
		For Class 54 Rating, Add	*78.96*	
		For Class 55 Rating, Add	*175.50*	
40 05 19 00-1387	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,124.25	616.86
		For Class 52 Rating, Deduct	*-130.86*	
		For Class 54 Rating, Add	*89.22*	
		For Class 55 Rating, Add	*198.31*	
40 05 19 00-1388	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,264.23	618.97
		For Class 52 Rating, Deduct	*-145.90*	
		For Class 54 Rating, Add	*99.48*	
		For Class 55 Rating, Add	*221.11*	
40 05 19 00-1389	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,404.23	621.07
		For Class 52 Rating, Deduct	*-160.95*	
		For Class 54 Rating, Add	*109.74*	
		For Class 55 Rating, Add	*243.92*	
40 05 19 00-1390	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,544.21	623.18
		For Class 52 Rating, Deduct	*-176.00*	
		For Class 54 Rating, Add	*120.00*	
		For Class 55 Rating, Add	*266.72*	
40 05 19 00-1391	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,684.21	625.29
		For Class 52 Rating, Deduct	*-191.05*	
		For Class 54 Rating, Add	*130.26*	
		For Class 55 Rating, Add	*289.52*	
40 05 19 00-1392	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,824.19	627.40
		For Class 52 Rating, Deduct	*-206.10*	
		For Class 54 Rating, Add	*140.52*	
		For Class 55 Rating, Add	*312.33*	
40 05 19 00-1393	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,964.19	629.50
		For Class 52 Rating, Deduct	*-221.14*	
		For Class 54 Rating, Add	*150.78*	
		For Class 55 Rating, Add	*335.13*	
40 05 19 00-1394	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,104.17	631.61
		For Class 52 Rating, Deduct	*-236.19*	
		For Class 54 Rating, Add	*161.04*	
		For Class 55 Rating, Add	*357.94*	
40 05 19 00-1395	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,244.17	633.71
		For Class 52 Rating, Deduct	*-251.24*	
		For Class 54 Rating, Add	*171.30*	
		For Class 55 Rating, Add	*380.74*	
40 05 19 00-1396	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,384.15	635.81
		For Class 52 Rating, Deduct	*-266.29*	
		For Class 54 Rating, Add	*181.56*	
		For Class 55 Rating, Add	*403.55*	
40 05 19 00-1397	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,524.15	637.92
		For Class 52 Rating, Deduct	*-281.34*	
		For Class 54 Rating, Add	*191.82*	
		For Class 55 Rating, Add	*426.35*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1398	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,664.13	640.02
		For Class 52 Rating, Deduct	*-296.38*	
		For Class 54 Rating, Add	*202.08*	
		For Class 55 Rating, Add	*449.16*	
40 05 19 00-1399	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,804.13	642.13
		For Class 52 Rating, Deduct	*-311.43*	
		For Class 54 Rating, Add	*212.34*	
		For Class 55 Rating, Add	*471.96*	
40 05 19 00-1400	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,944.11	644.23
		For Class 52 Rating, Deduct	*-326.48*	
		For Class 54 Rating, Add	*222.60*	
		For Class 55 Rating, Add	*494.77*	
40 05 19 00-1401	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,084.11	646.34
		For Class 52 Rating, Deduct	*-341.53*	
		For Class 54 Rating, Add	*232.86*	
		For Class 55 Rating, Add	*517.57*	
40 05 19 00-1402	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,224.09	648.45
		For Class 52 Rating, Deduct	*-356.58*	
		For Class 54 Rating, Add	*243.12*	
		For Class 55 Rating, Add	*540.37*	
40 05 19 00-1403	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,364.09	650.54
		For Class 52 Rating, Deduct	*-371.62*	
		For Class 54 Rating, Add	*253.38*	
		For Class 55 Rating, Add	*563.18*	
40 05 19 00-1404	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,504.07	652.65
		For Class 52 Rating, Deduct	*-386.67*	
		For Class 54 Rating, Add	*263.64*	
		For Class 55 Rating, Add	*585.98*	
40 05 19 00-1405	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,644.07	654.76
		For Class 52 Rating, Deduct	*-401.72*	
		For Class 54 Rating, Add	*273.90*	
		For Class 55 Rating, Add	*608.79*	
40 05 19 00-1406	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,784.05	656.87
		For Class 52 Rating, Deduct	*-416.77*	
		For Class 54 Rating, Add	*284.16*	
		For Class 55 Rating, Add	*631.59*	
40 05 19 00-1407	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,924.04	658.97
		For Class 52 Rating, Deduct	*-431.82*	
		For Class 54 Rating, Add	*294.42*	
		For Class 55 Rating, Add	*654.40*	
40 05 19 00-1408	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,064.03	661.08
		For Class 52 Rating, Deduct	*-446.86*	
		For Class 54 Rating, Add	*304.68*	
		For Class 55 Rating, Add	*677.20*	
40 05 19 00-1409	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,204.02	663.19
		For Class 52 Rating, Deduct	*-461.91*	
		For Class 54 Rating, Add	*314.94*	
		For Class 55 Rating, Add	*700.01*	
40 05 19 00-1410	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,344.01	665.29
		For Class 52 Rating, Deduct	*-476.96*	
		For Class 54 Rating, Add	*325.20*	
		For Class 55 Rating, Add	*722.81*	
40 05 19 00-1411	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,484.00	667.39
		For Class 52 Rating, Deduct	*-492.01*	
		For Class 54 Rating, Add	*335.46*	
		For Class 55 Rating, Add	*745.62*	
40 05 19 00-1412	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,623.99	669.49
		For Class 52 Rating, Deduct	*-507.06*	
		For Class 54 Rating, Add	*345.72*	
		For Class 55 Rating, Add	*768.42*	
40 05 19 00-1413	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,763.98	671.60
		For Class 52 Rating, Deduct	*-522.10*	
		For Class 54 Rating, Add	*355.98*	
		For Class 55 Rating, Add	*791.22*	
40 05 19 00-1414	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,903.97	673.70
		For Class 52 Rating, Deduct	*-537.15*	
		For Class 54 Rating, Add	*366.24*	
		For Class 55 Rating, Add	*814.03*	
40 05 19 00-1415	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,098.19	711.60
		For Class 52 Rating, Deduct	*-552.20*	
		For Class 54 Rating, Add	*376.50*	
		For Class 55 Rating, Add	*836.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1416	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,238.18	713.71
		For Class 52 Rating, Deduct	*-567.25*	
		For Class 54 Rating, Add	*386.76*	
		For Class 55 Rating, Add	*859.64*	
40 05 19 00-1417	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,378.17	715.82
		For Class 52 Rating, Deduct	*-582.30*	
		For Class 54 Rating, Add	*397.02*	
		For Class 55 Rating, Add	*882.44*	
40 05 19 00-1418	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,518.16	717.93
		For Class 52 Rating, Deduct	*-597.34*	
		For Class 54 Rating, Add	*407.28*	
		For Class 55 Rating, Add	*905.25*	
40 05 19 00-1419	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,658.15	720.03
		For Class 52 Rating, Deduct	*-612.39*	
		For Class 54 Rating, Add	*417.54*	
		For Class 55 Rating, Add	*928.05*	
40 05 19 00-1420	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,798.14	722.14
		For Class 52 Rating, Deduct	*-627.44*	
		For Class 54 Rating, Add	*427.80*	
		For Class 55 Rating, Add	*950.86*	
40 05 19 00-1421	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,938.13	724.24
		For Class 52 Rating, Deduct	*-642.49*	
		For Class 54 Rating, Add	*438.06*	
		For Class 55 Rating, Add	*973.66*	
40 05 19 00-1422	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,078.12	726.33
		For Class 52 Rating, Deduct	*-657.54*	
		For Class 54 Rating, Add	*448.32*	
		For Class 55 Rating, Add	*996.47*	
40 05 19 00-1423	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,218.11	728.44
		For Class 52 Rating, Deduct	*-672.58*	
		For Class 54 Rating, Add	*458.58*	
		For Class 55 Rating, Add	*1,019.27*	

40 05 19 00-1424 30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1425	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,978.24	867.40
		For Class 52 Rating, Deduct	*-183.04*	
		For Class 54 Rating, Add	*124.80*	
		For Class 55 Rating, Add	*277.39*	
40 05 19 00-1426	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,179.03	869.50
		For Class 52 Rating, Deduct	*-204.78*	
		For Class 54 Rating, Add	*139.62*	
		For Class 55 Rating, Add	*310.33*	
40 05 19 00-1427	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,379.82	871.61
		For Class 52 Rating, Deduct	*-226.51*	
		For Class 54 Rating, Add	*154.44*	
		For Class 55 Rating, Add	*343.27*	
40 05 19 00-1428	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,580.61	873.72
		For Class 52 Rating, Deduct	*-248.25*	
		For Class 54 Rating, Add	*169.26*	
		For Class 55 Rating, Add	*376.21*	
40 05 19 00-1429	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,781.40	875.83
		For Class 52 Rating, Deduct	*-269.98*	
		For Class 54 Rating, Add	*184.08*	
		For Class 55 Rating, Add	*409.15*	
40 05 19 00-1430	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,982.19	877.92
		For Class 52 Rating, Deduct	*-291.72*	
		For Class 54 Rating, Add	*198.90*	
		For Class 55 Rating, Add	*442.09*	
40 05 19 00-1431	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,182.98	880.03
		For Class 52 Rating, Deduct	*-313.46*	
		For Class 54 Rating, Add	*213.72*	
		For Class 55 Rating, Add	*475.03*	
40 05 19 00-1432	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,383.77	882.14
		For Class 52 Rating, Deduct	*-335.19*	
		For Class 54 Rating, Add	*228.54*	
		For Class 55 Rating, Add	*507.97*	
40 05 19 00-1433	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,584.56	884.24
		For Class 52 Rating, Deduct	*-356.93*	
		For Class 54 Rating, Add	*243.36*	
		For Class 55 Rating, Add	*540.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1434	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,785.35	886.35
		For Class 52 Rating, Deduct	*-378.66*	
		For Class 54 Rating, Add	*258.18*	
		For Class 55 Rating, Add	*573.85*	
40 05 19 00-1435	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,986.14	888.46
		For Class 52 Rating, Deduct	*-400.40*	
		For Class 54 Rating, Add	*273.00*	
		For Class 55 Rating, Add	*606.79*	
40 05 19 00-1436	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,186.93	890.57
		For Class 52 Rating, Deduct	*-422.14*	
		For Class 54 Rating, Add	*287.82*	
		For Class 55 Rating, Add	*639.73*	
40 05 19 00-1437	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,387.72	892.67
		For Class 52 Rating, Deduct	*-443.87*	
		For Class 54 Rating, Add	*302.64*	
		For Class 55 Rating, Add	*672.67*	
40 05 19 00-1438	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,588.51	894.77
		For Class 52 Rating, Deduct	*-465.61*	
		For Class 54 Rating, Add	*317.46*	
		For Class 55 Rating, Add	*705.61*	
40 05 19 00-1439	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,789.30	896.87
		For Class 52 Rating, Deduct	*-487.34*	
		For Class 54 Rating, Add	*332.28*	
		For Class 55 Rating, Add	*738.55*	
40 05 19 00-1440	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,990.09	898.97
		For Class 52 Rating, Deduct	*-509.08*	
		For Class 54 Rating, Add	*347.10*	
		For Class 55 Rating, Add	*771.49*	
40 05 19 00-1441	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,190.88	901.08
		For Class 52 Rating, Deduct	*-530.82*	
		For Class 54 Rating, Add	*361.92*	
		For Class 55 Rating, Add	*804.43*	
40 05 19 00-1442	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,391.67	903.19
		For Class 52 Rating, Deduct	*-552.55*	
		For Class 54 Rating, Add	*376.74*	
		For Class 55 Rating, Add	*837.37*	
40 05 19 00-1443	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,592.46	905.30
		For Class 52 Rating, Deduct	*-574.29*	
		For Class 54 Rating, Add	*391.56*	
		For Class 55 Rating, Add	*870.31*	
40 05 19 00-1444	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,793.25	907.40
		For Class 52 Rating, Deduct	*-596.02*	
		For Class 54 Rating, Add	*406.38*	
		For Class 55 Rating, Add	*903.25*	
40 05 19 00-1445	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,994.04	909.51
		For Class 52 Rating, Deduct	*-617.76*	
		For Class 54 Rating, Add	*421.20*	
		For Class 55 Rating, Add	*936.19*	
40 05 19 00-1446	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,194.83	911.62
		For Class 52 Rating, Deduct	*-639.50*	
		For Class 54 Rating, Add	*436.02*	
		For Class 55 Rating, Add	*969.13*	
40 05 19 00-1447	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,395.62	913.72
		For Class 52 Rating, Deduct	*-661.23*	
		For Class 54 Rating, Add	*450.84*	
		For Class 55 Rating, Add	*1,002.07*	
40 05 19 00-1448	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,596.41	915.82
		For Class 52 Rating, Deduct	*-682.97*	
		For Class 54 Rating, Add	*465.66*	
		For Class 55 Rating, Add	*1,035.01*	
40 05 19 00-1449	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,797.20	917.93
		For Class 52 Rating, Deduct	*-704.70*	
		For Class 54 Rating, Add	*480.48*	
		For Class 55 Rating, Add	*1,067.95*	
40 05 19 00-1450	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,997.99	920.04
		For Class 52 Rating, Deduct	*-726.44*	
		For Class 54 Rating, Add	*495.30*	
		For Class 55 Rating, Add	*1,100.89*	
40 05 19 00-1451	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,198.78	922.14
		For Class 52 Rating, Deduct	*-748.18*	
		For Class 54 Rating, Add	*510.12*	
		For Class 55 Rating, Add	*1,133.83*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1452	EA		30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,399.57	924.24
			For Class 52 Rating, Deduct	*-769.91*	
			For Class 54 Rating, Add	*524.94*	
			For Class 55 Rating, Add	*1,166.77*	
40 05 19 00-1453	EA		30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,600.36	926.35
			For Class 52 Rating, Deduct	*-791.65*	
			For Class 54 Rating, Add	*539.76*	
			For Class 55 Rating, Add	*1,199.71*	
40 05 19 00-1454	EA		30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,801.15	928.46
			For Class 52 Rating, Deduct	*-813.38*	
			For Class 54 Rating, Add	*554.58*	
			For Class 55 Rating, Add	*1,232.65*	
40 05 19 00-1455	EA		30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,001.94	930.56
			For Class 52 Rating, Deduct	*-835.12*	
			For Class 54 Rating, Add	*569.40*	
			For Class 55 Rating, Add	*1,265.59*	
40 05 19 00-1456	EA		30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,202.73	932.67
			For Class 52 Rating, Deduct	*-856.86*	
			For Class 54 Rating, Add	*584.22*	
			For Class 55 Rating, Add	*1,298.53*	
40 05 19 00-1457	EA		30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,403.52	934.77
			For Class 52 Rating, Deduct	*-878.59*	
			For Class 54 Rating, Add	*599.04*	
			For Class 55 Rating, Add	*1,331.47*	
40 05 19 00-1458	EA		30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,604.31	936.87
			For Class 52 Rating, Deduct	*-900.33*	
			For Class 54 Rating, Add	*613.86*	
			For Class 55 Rating, Add	*1,364.41*	
40 05 19 00-1459	EA		30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,805.10	938.98
			For Class 52 Rating, Deduct	*-922.06*	
			For Class 54 Rating, Add	*628.68*	
			For Class 55 Rating, Add	*1,397.35*	
40 05 19 00-1460	EA		30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,005.89	941.09
			For Class 52 Rating, Deduct	*-943.80*	
			For Class 54 Rating, Add	*643.50*	
			For Class 55 Rating, Add	*1,430.29*	
40 05 19 00-1461	EA		30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,206.68	943.20
			For Class 52 Rating, Deduct	*-965.54*	
			For Class 54 Rating, Add	*658.32*	
			For Class 55 Rating, Add	*1,463.23*	
40 05 19 00-1462	EA		30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,407.47	945.30
			For Class 52 Rating, Deduct	*-987.27*	
			For Class 54 Rating, Add	*673.14*	
			For Class 55 Rating, Add	*1,496.17*	

40 05 19 00-1463 36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1464	EA		36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,034.74	1,098.99
			For Class 52 Rating, Deduct	*-260.66*	
			For Class 54 Rating, Add	*177.72*	
			For Class 55 Rating, Add	*395.01*	
40 05 19 00-1465	EA		36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,306.72	1,101.10
			For Class 52 Rating, Deduct	*-290.22*	
			For Class 54 Rating, Add	*197.88*	
			For Class 55 Rating, Add	*439.82*	
40 05 19 00-1466	EA		36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,578.72	1,103.19
			For Class 52 Rating, Deduct	*-319.79*	
			For Class 54 Rating, Add	*218.04*	
			For Class 55 Rating, Add	*484.63*	
40 05 19 00-1467	EA		36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,850.70	1,105.30
			For Class 52 Rating, Deduct	*-349.36*	
			For Class 54 Rating, Add	*238.20*	
			For Class 55 Rating, Add	*529.44*	
40 05 19 00-1468	EA		36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,122.70	1,107.41
			For Class 52 Rating, Deduct	*-378.93*	
			For Class 54 Rating, Add	*258.36*	
			For Class 55 Rating, Add	*574.25*	
40 05 19 00-1469	EA		36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,394.68	1,109.51
			For Class 52 Rating, Deduct	*-408.50*	
			For Class 54 Rating, Add	*278.52*	
			For Class 55 Rating, Add	*619.06*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1470	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,666.68	1,111.62
		For Class 52 Rating, Deduct	*-438.06*	
		For Class 54 Rating, Add	*298.68*	
		For Class 55 Rating, Add	*663.87*	
40 05 19 00-1471	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,938.66	1,113.73
		For Class 52 Rating, Deduct	*-467.63*	
		For Class 54 Rating, Add	*318.84*	
		For Class 55 Rating, Add	*708.68*	
40 05 19 00-1472	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,210.66	1,115.84
		For Class 52 Rating, Deduct	*-497.20*	
		For Class 54 Rating, Add	*339.00*	
		For Class 55 Rating, Add	*753.48*	
40 05 19 00-1473	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,482.64	1,117.94
		For Class 52 Rating, Deduct	*-526.77*	
		For Class 54 Rating, Add	*359.16*	
		For Class 55 Rating, Add	*798.29*	
40 05 19 00-1474	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,754.64	1,120.05
		For Class 52 Rating, Deduct	*-556.34*	
		For Class 54 Rating, Add	*379.32*	
		For Class 55 Rating, Add	*843.10*	
40 05 19 00-1475	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,026.62	1,122.15
		For Class 52 Rating, Deduct	*-585.90*	
		For Class 54 Rating, Add	*399.48*	
		For Class 55 Rating, Add	*887.91*	
40 05 19 00-1476	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,298.62	1,124.24
		For Class 52 Rating, Deduct	*-615.47*	
		For Class 54 Rating, Add	*419.64*	
		For Class 55 Rating, Add	*932.72*	
40 05 19 00-1477	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,570.60	1,126.35
		For Class 52 Rating, Deduct	*-645.04*	
		For Class 54 Rating, Add	*439.80*	
		For Class 55 Rating, Add	*977.53*	
40 05 19 00-1478	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,842.60	1,128.46
		For Class 52 Rating, Deduct	*-674.61*	
		For Class 54 Rating, Add	*459.96*	
		For Class 55 Rating, Add	*1,022.34*	
40 05 19 00-1479	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,114.58	1,130.57
		For Class 52 Rating, Deduct	*-704.18*	
		For Class 54 Rating, Add	*480.12*	
		For Class 55 Rating, Add	*1,067.15*	
40 05 19 00-1480	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,386.58	1,132.67
		For Class 52 Rating, Deduct	*-733.74*	
		For Class 54 Rating, Add	*500.28*	
		For Class 55 Rating, Add	*1,111.96*	
40 05 19 00-1481	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,658.56	1,134.78
		For Class 52 Rating, Deduct	*-763.31*	
		For Class 54 Rating, Add	*520.44*	
		For Class 55 Rating, Add	*1,156.76*	
40 05 19 00-1482	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,930.56	1,136.89
		For Class 52 Rating, Deduct	*-792.88*	
		For Class 54 Rating, Add	*540.60*	
		For Class 55 Rating, Add	*1,201.57*	
40 05 19 00-1483	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,202.54	1,139.00
		For Class 52 Rating, Deduct	*-822.45*	
		For Class 54 Rating, Add	*560.76*	
		For Class 55 Rating, Add	*1,246.38*	
40 05 19 00-1484	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,474.54	1,141.09
		For Class 52 Rating, Deduct	*-852.02*	
		For Class 54 Rating, Add	*580.92*	
		For Class 55 Rating, Add	*1,291.19*	
40 05 19 00-1485	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,746.52	1,143.20
		For Class 52 Rating, Deduct	*-881.58*	
		For Class 54 Rating, Add	*601.08*	
		For Class 55 Rating, Add	*1,336.00*	
40 05 19 00-1486	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,018.51	1,145.31
		For Class 52 Rating, Deduct	*-911.15*	
		For Class 54 Rating, Add	*621.24*	
		For Class 55 Rating, Add	*1,380.81*	
40 05 19 00-1487	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,290.50	1,147.41
		For Class 52 Rating, Deduct	*-940.72*	
		For Class 54 Rating, Add	*641.40*	
		For Class 55 Rating, Add	*1,425.62*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1488	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,562.49	1,149.51
		For Class 52 Rating, Deduct	*-970.29*	
		For Class 54 Rating, Add	*661.56*	
		For Class 55 Rating, Add	*1,470.43*	
40 05 19 00-1489	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,834.48	1,151.62
		For Class 52 Rating, Deduct	*-999.86*	
		For Class 54 Rating, Add	*681.72*	
		For Class 55 Rating, Add	*1,515.24*	
40 05 19 00-1490	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,106.47	1,153.73
		For Class 52 Rating, Deduct	*-1,029.42*	
		For Class 54 Rating, Add	*701.88*	
		For Class 55 Rating, Add	*1,560.05*	
40 05 19 00-1491	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,378.46	1,155.83
		For Class 52 Rating, Deduct	*-1,058.99*	
		For Class 54 Rating, Add	*722.04*	
		For Class 55 Rating, Add	*1,604.85*	
40 05 19 00-1492	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,650.45	1,157.94
		For Class 52 Rating, Deduct	*-1,088.56*	
		For Class 54 Rating, Add	*742.20*	
		For Class 55 Rating, Add	*1,649.66*	
40 05 19 00-1493	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,922.44	1,160.05
		For Class 52 Rating, Deduct	*-1,118.13*	
		For Class 54 Rating, Add	*762.36*	
		For Class 55 Rating, Add	*1,694.47*	
40 05 19 00-1494	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,194.43	1,162.14
		For Class 52 Rating, Deduct	*-1,147.70*	
		For Class 54 Rating, Add	*782.52*	
		For Class 55 Rating, Add	*1,739.28*	
40 05 19 00-1495	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,466.42	1,164.25
		For Class 52 Rating, Deduct	*-1,177.26*	
		For Class 54 Rating, Add	*802.68*	
		For Class 55 Rating, Add	*1,784.09*	
40 05 19 00-1496	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,738.41	1,166.36
		For Class 52 Rating, Deduct	*-1,206.83*	
		For Class 54 Rating, Add	*822.84*	
		For Class 55 Rating, Add	*1,828.90*	
40 05 19 00-1497	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,010.40	1,168.47
		For Class 52 Rating, Deduct	*-1,236.40*	
		For Class 54 Rating, Add	*843.00*	
		For Class 55 Rating, Add	*1,873.71*	
40 05 19 00-1498	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,282.39	1,170.57
		For Class 52 Rating, Deduct	*-1,265.97*	
		For Class 54 Rating, Add	*863.16*	
		For Class 55 Rating, Add	*1,918.52*	
40 05 19 00-1499	EA	36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,554.38	1,172.68
		For Class 52 Rating, Deduct	*-1,295.54*	
		For Class 54 Rating, Add	*883.32*	
		For Class 55 Rating, Add	*1,963.33*	
40 05 19 00-1500	EA	36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,826.37	1,174.79
		For Class 52 Rating, Deduct	*-1,325.10*	
		For Class 54 Rating, Add	*903.48*	
		For Class 55 Rating, Add	*2,008.13*	
40 05 19 00-1501	EA	36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,098.36	1,176.89
		For Class 52 Rating, Deduct	*-1,354.67*	
		For Class 54 Rating, Add	*923.64*	
		For Class 55 Rating, Add	*2,052.94*	

40 05 19 00-1502 42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1503	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,275.76	1,385.32
		For Class 52 Rating, Deduct	*-349.45*	
		For Class 54 Rating, Add	*238.26*	
		For Class 55 Rating, Add	*529.57*	
40 05 19 00-1504	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,680.55	1,387.41
		For Class 52 Rating, Deduct	*-393.62*	
		For Class 54 Rating, Add	*268.38*	
		For Class 55 Rating, Add	*596.52*	
40 05 19 00-1505	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,080.54	1,389.52
		For Class 52 Rating, Deduct	*-437.27*	
		For Class 54 Rating, Add	*298.14*	
		For Class 55 Rating, Add	*662.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1506	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,484.53	1,391.63
		For Class 52 Rating, Deduct	*-481.36*	
		For Class 54 Rating, Add	*328.20*	
		For Class 55 Rating, Add	*729.48*	
40 05 19 00-1507	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,884.52	1,393.74
		For Class 52 Rating, Deduct	*-525.01*	
		For Class 54 Rating, Add	*357.96*	
		For Class 55 Rating, Add	*795.63*	
40 05 19 00-1508	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,289.31	1,395.84
		For Class 52 Rating, Deduct	*-569.18*	
		For Class 54 Rating, Add	*388.08*	
		For Class 55 Rating, Add	*862.57*	
40 05 19 00-1509	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,688.50	1,397.95
		For Class 52 Rating, Deduct	*-612.74*	
		For Class 54 Rating, Add	*417.78*	
		For Class 55 Rating, Add	*928.59*	
40 05 19 00-1510	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,093.29	1,400.06
		For Class 52 Rating, Deduct	*-656.92*	
		For Class 54 Rating, Add	*447.90*	
		For Class 55 Rating, Add	*995.53*	
40 05 19 00-1511	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,493.28	1,402.16
		For Class 52 Rating, Deduct	*-700.57*	
		For Class 54 Rating, Add	*477.66*	
		For Class 55 Rating, Add	*1,061.68*	
40 05 19 00-1512	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,897.27	1,404.27
		For Class 52 Rating, Deduct	*-744.66*	
		For Class 54 Rating, Add	*507.72*	
		For Class 55 Rating, Add	*1,128.49*	
40 05 19 00-1513	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,297.26	1,406.36
		For Class 52 Rating, Deduct	*-788.30*	
		For Class 54 Rating, Add	*537.48*	
		For Class 55 Rating, Add	*1,194.64*	
40 05 19 00-1514	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,701.25	1,408.47
		For Class 52 Rating, Deduct	*-832.39*	
		For Class 54 Rating, Add	*567.54*	
		For Class 55 Rating, Add	*1,261.45*	
40 05 19 00-1515	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,101.24	1,410.57
		For Class 52 Rating, Deduct	*-876.04*	
		For Class 54 Rating, Add	*597.30*	
		For Class 55 Rating, Add	*1,327.60*	
40 05 19 00-1516	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,502.03	1,412.68
		For Class 52 Rating, Deduct	*-919.78*	
		For Class 54 Rating, Add	*627.12*	
		For Class 55 Rating, Add	*1,393.88*	
40 05 19 00-1517	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,905.22	1,414.79
		For Class 52 Rating, Deduct	*-963.78*	
		For Class 54 Rating, Add	*657.12*	
		For Class 55 Rating, Add	*1,460.56*	
40 05 19 00-1518	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,305.21	1,416.90
		For Class 52 Rating, Deduct	*-1,007.42*	
		For Class 54 Rating, Add	*686.88*	
		For Class 55 Rating, Add	*1,526.71*	
40 05 19 00-1519	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,710.00	1,419.00
		For Class 52 Rating, Deduct	*-1,051.60*	
		For Class 54 Rating, Add	*717.00*	
		For Class 55 Rating, Add	*1,593.65*	
40 05 19 00-1520	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,109.99	1,421.11
		For Class 52 Rating, Deduct	*-1,095.25*	
		For Class 54 Rating, Add	*746.76*	
		For Class 55 Rating, Add	*1,659.80*	
40 05 19 00-1521	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,513.98	1,423.22
		For Class 52 Rating, Deduct	*-1,139.34*	
		For Class 54 Rating, Add	*776.82*	
		For Class 55 Rating, Add	*1,726.61*	
40 05 19 00-1522	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,913.97	1,425.31
		For Class 52 Rating, Deduct	*-1,182.98*	
		For Class 54 Rating, Add	*806.58*	
		For Class 55 Rating, Add	*1,792.76*	
40 05 19 00-1523	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,318.76	1,427.42
		For Class 52 Rating, Deduct	*-1,227.16*	
		For Class 54 Rating, Add	*836.70*	
		For Class 55 Rating, Add	*1,859.71*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1524	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,718.75	1,429.53
		For Class 52 Rating, Deduct	*-1,270.81*	
		For Class 54 Rating, Add	*866.46*	
		For Class 55 Rating, Add	*1,925.85*	
40 05 19 00-1525	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,122.74	1,431.63
		For Class 52 Rating, Deduct	*-1,314.90*	
		For Class 54 Rating, Add	*896.52*	
		For Class 55 Rating, Add	*1,992.67*	
40 05 19 00-1526	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,522.73	1,433.73
		For Class 52 Rating, Deduct	*-1,358.54*	
		For Class 54 Rating, Add	*926.28*	
		For Class 55 Rating, Add	*2,058.81*	
40 05 19 00-1527	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,927.52	1,435.84
		For Class 52 Rating, Deduct	*-1,402.72*	
		For Class 54 Rating, Add	*956.40*	
		For Class 55 Rating, Add	*2,125.76*	
40 05 19 00-1528	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,327.51	1,437.95
		For Class 52 Rating, Deduct	*-1,446.37*	
		For Class 54 Rating, Add	*986.16*	
		For Class 55 Rating, Add	*2,191.90*	
40 05 19 00-1529	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,730.70	1,440.05
		For Class 52 Rating, Deduct	*-1,490.37*	
		For Class 54 Rating, Add	*1,016.16*	
		For Class 55 Rating, Add	*2,258.58*	
40 05 19 00-1530	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,131.49	1,442.16
		For Class 52 Rating, Deduct	*-1,534.10*	
		For Class 54 Rating, Add	*1,045.98*	
		For Class 55 Rating, Add	*2,324.86*	
40 05 19 00-1531	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,451.48	1,444.26
		For Class 52 Rating, Deduct	*-1,568.95*	
		For Class 54 Rating, Add	*1,069.74*	
		For Class 55 Rating, Add	*2,377.68*	
40 05 19 00-1532	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,935.47	1,446.37
		For Class 52 Rating, Deduct	*-1,621.84*	
		For Class 54 Rating, Add	*1,105.80*	
		For Class 55 Rating, Add	*2,457.82*	
40 05 19 00-1533	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,335.46	1,448.47
		For Class 52 Rating, Deduct	*-1,665.49*	
		For Class 54 Rating, Add	*1,135.56*	
		For Class 55 Rating, Add	*2,523.97*	
40 05 19 00-1534	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,739.45	1,450.58
		For Class 52 Rating, Deduct	*-1,709.58*	
		For Class 54 Rating, Add	*1,165.62*	
		For Class 55 Rating, Add	*2,590.78*	
40 05 19 00-1535	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,139.44	1,452.69
		For Class 52 Rating, Deduct	*-1,753.22*	
		For Class 54 Rating, Add	*1,195.38*	
		For Class 55 Rating, Add	*2,656.93*	
40 05 19 00-1536	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,544.23	1,454.80
		For Class 52 Rating, Deduct	*-1,797.40*	
		For Class 54 Rating, Add	*1,225.50*	
		For Class 55 Rating, Add	*2,723.88*	
40 05 19 00-1537	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,943.42	1,456.90
		For Class 52 Rating, Deduct	*-1,840.96*	
		For Class 54 Rating, Add	*1,255.20*	
		For Class 55 Rating, Add	*2,789.89*	
40 05 19 00-1538	EA	42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,348.21	1,459.01
		For Class 52 Rating, Deduct	*-1,885.14*	
		For Class 54 Rating, Add	*1,285.32*	
		For Class 55 Rating, Add	*2,856.84*	
40 05 19 00-1539	EA	42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,748.20	1,461.11
		For Class 52 Rating, Deduct	*-1,928.78*	
		For Class 54 Rating, Add	*1,315.08*	
		For Class 55 Rating, Add	*2,922.98*	
40 05 19 00-1540	EA	42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,152.19	1,463.20
		For Class 52 Rating, Deduct	*-1,972.87*	
		For Class 54 Rating, Add	*1,345.14*	
		For Class 55 Rating, Add	*2,989.80*	

40 05 19 00-1541 48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1542	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,769.25	1,741.12
		For Class 52 Rating, Deduct	*-454.43*	
		For Class 54 Rating, Add	*309.84*	
		For Class 55 Rating, Add	*688.67*	
40 05 19 00-1543	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,357.25	1,743.23
		For Class 52 Rating, Deduct	*-518.76*	
		For Class 54 Rating, Add	*353.70*	
		For Class 55 Rating, Add	*786.16*	
40 05 19 00-1544	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,944.43	1,745.32
		For Class 52 Rating, Deduct	*-583.00*	
		For Class 54 Rating, Add	*397.50*	
		For Class 55 Rating, Add	*883.51*	
40 05 19 00-1545	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,536.43	1,747.43
		For Class 52 Rating, Deduct	*-647.77*	
		For Class 54 Rating, Add	*441.66*	
		For Class 55 Rating, Add	*981.66*	
40 05 19 00-1546	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,124.41	1,749.53
		For Class 52 Rating, Deduct	*-712.10*	
		For Class 54 Rating, Add	*485.52*	
		For Class 55 Rating, Add	*1,079.15*	
40 05 19 00-1547	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,712.41	1,751.64
		For Class 52 Rating, Deduct	*-776.42*	
		For Class 54 Rating, Add	*529.38*	
		For Class 55 Rating, Add	*1,176.64*	
40 05 19 00-1548	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,303.59	1,753.75
		For Class 52 Rating, Deduct	*-841.10*	
		For Class 54 Rating, Add	*573.48*	
		For Class 55 Rating, Add	*1,274.65*	
40 05 19 00-1549	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,892.39	1,755.85
		For Class 52 Rating, Deduct	*-905.52*	
		For Class 54 Rating, Add	*617.40*	
		For Class 55 Rating, Add	*1,372.27*	
40 05 19 00-1550	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,479.57	1,757.96
		For Class 52 Rating, Deduct	*-969.76*	
		For Class 54 Rating, Add	*661.20*	
		For Class 55 Rating, Add	*1,469.63*	
40 05 19 00-1551	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,071.57	1,760.07
		For Class 52 Rating, Deduct	*-1,034.53*	
		For Class 54 Rating, Add	*705.36*	
		For Class 55 Rating, Add	*1,567.78*	
40 05 19 00-1552	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,659.55	1,762.18
		For Class 52 Rating, Deduct	*-1,098.86*	
		For Class 54 Rating, Add	*749.22*	
		For Class 55 Rating, Add	*1,665.27*	
40 05 19 00-1553	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,251.55	1,764.27
		For Class 52 Rating, Deduct	*-1,163.62*	
		For Class 54 Rating, Add	*793.38*	
		For Class 55 Rating, Add	*1,763.42*	
40 05 19 00-1554	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,838.73	1,766.38
		For Class 52 Rating, Deduct	*-1,227.86*	
		For Class 54 Rating, Add	*837.18*	
		For Class 55 Rating, Add	*1,860.77*	
40 05 19 00-1555	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,426.73	1,768.49
		For Class 52 Rating, Deduct	*-1,292.19*	
		For Class 54 Rating, Add	*881.04*	
		For Class 55 Rating, Add	*1,958.26*	
40 05 19 00-1556	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,018.71	1,770.59
		For Class 52 Rating, Deduct	*-1,356.96*	
		For Class 54 Rating, Add	*925.20*	
		For Class 55 Rating, Add	*2,056.41*	
40 05 19 00-1557	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,606.71	1,772.70
		For Class 52 Rating, Deduct	*-1,421.29*	
		For Class 54 Rating, Add	*969.06*	
		For Class 55 Rating, Add	*2,153.90*	
40 05 19 00-1558	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,193.89	1,774.80
		For Class 52 Rating, Deduct	*-1,485.53*	
		For Class 54 Rating, Add	*1,012.86*	
		For Class 55 Rating, Add	*2,251.25*	
40 05 19 00-1559	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,785.89	1,776.91
		For Class 52 Rating, Deduct	*-1,550.30*	
		For Class 54 Rating, Add	*1,057.02*	
		For Class 55 Rating, Add	*2,349.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1560	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,373.87	1,779.01
		For Class 52 Rating, Deduct	*-1,614.62*	
		For Class 54 Rating, Add	*1,100.88*	
		For Class 55 Rating, Add	*2,446.89*	
40 05 19 00-1561	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,961.07	1,781.12
		For Class 52 Rating, Deduct	*-1,678.86*	
		For Class 54 Rating, Add	*1,144.68*	
		For Class 55 Rating, Add	*2,544.24*	
40 05 19 00-1562	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,553.05	1,783.22
		For Class 52 Rating, Deduct	*-1,743.63*	
		For Class 54 Rating, Add	*1,188.84*	
		For Class 55 Rating, Add	*2,642.40*	
40 05 19 00-1563	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,141.85	1,785.33
		For Class 52 Rating, Deduct	*-1,808.05*	
		For Class 54 Rating, Add	*1,232.76*	
		For Class 55 Rating, Add	*2,740.01*	
40 05 19 00-1564	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,729.03	1,787.43
		For Class 52 Rating, Deduct	*-1,872.29*	
		For Class 54 Rating, Add	*1,276.56*	
		For Class 55 Rating, Add	*2,837.37*	
40 05 19 00-1565	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,321.03	1,789.54
		For Class 52 Rating, Deduct	*-1,937.06*	
		For Class 54 Rating, Add	*1,320.72*	
		For Class 55 Rating, Add	*2,935.52*	
40 05 19 00-1566	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,909.01	1,791.65
		For Class 52 Rating, Deduct	*-2,001.38*	
		For Class 54 Rating, Add	*1,364.58*	
		For Class 55 Rating, Add	*3,033.01*	
40 05 19 00-1567	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,496.21	1,793.75
		For Class 52 Rating, Deduct	*-2,065.62*	
		For Class 54 Rating, Add	*1,408.38*	
		For Class 55 Rating, Add	*3,130.36*	
40 05 19 00-1568	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,088.19	1,795.86
		For Class 52 Rating, Deduct	*-2,130.39*	
		For Class 54 Rating, Add	*1,452.54*	
		For Class 55 Rating, Add	*3,228.51*	
40 05 19 00-1569	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,676.19	1,797.97
		For Class 52 Rating, Deduct	*-2,194.72*	
		For Class 54 Rating, Add	*1,496.40*	
		For Class 55 Rating, Add	*3,326.00*	
40 05 19 00-1570	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,192.17	1,800.07
		For Class 52 Rating, Deduct	*-2,251.13*	
		For Class 54 Rating, Add	*1,534.86*	
		For Class 55 Rating, Add	*3,411.48*	
40 05 19 00-1571	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,856.16	1,802.16
		For Class 52 Rating, Deduct	*-2,323.82*	
		For Class 54 Rating, Add	*1,584.42*	
		For Class 55 Rating, Add	*3,521.64*	
40 05 19 00-1572	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,443.35	1,804.27
		For Class 52 Rating, Deduct	*-2,388.06*	
		For Class 54 Rating, Add	*1,628.22*	
		For Class 55 Rating, Add	*3,618.99*	
40 05 19 00-1573	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,036.14	1,806.38
		For Class 52 Rating, Deduct	*-2,452.91*	
		For Class 54 Rating, Add	*1,672.44*	
		For Class 55 Rating, Add	*3,717.28*	
40 05 19 00-1574	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,623.33	1,808.48
		For Class 52 Rating, Deduct	*-2,517.15*	
		For Class 54 Rating, Add	*1,716.24*	
		For Class 55 Rating, Add	*3,814.63*	
40 05 19 00-1575	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,210.52	1,810.59
		For Class 52 Rating, Deduct	*-2,581.39*	
		For Class 54 Rating, Add	*1,760.04*	
		For Class 55 Rating, Add	*3,911.98*	
40 05 19 00-1576	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,803.31	1,812.70
		For Class 52 Rating, Deduct	*-2,646.25*	
		For Class 54 Rating, Add	*1,804.26*	
		For Class 55 Rating, Add	*4,010.27*	
40 05 19 00-1577	EA	48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,390.50	1,814.81
		For Class 52 Rating, Deduct	*-2,710.49*	
		For Class 54 Rating, Add	*1,848.06*	
		For Class 55 Rating, Add	*4,107.62*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1578	EA	48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,978.49	1,816.91
		For Class 52 Rating, Deduct	*-2,774.82*	
		For Class 54 Rating, Add	*1,891.92*	
		For Class 55 Rating, Add	*4,205.11*	
40 05 19 00-1579	EA	48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,570.48	1,819.02
		For Class 52 Rating, Deduct	*-2,839.58*	
		For Class 54 Rating, Add	*1,936.08*	
		For Class 55 Rating, Add	*4,303.26*	

40 05 19 00-1580 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1581	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	263.50	101.57
40 05 19 00-1582	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	366.41	129.89
40 05 19 00-1583	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	502.12	147.13
40 05 19 00-1584	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	725.82	186.53
40 05 19 00-1585	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	891.00	206.84
40 05 19 00-1586	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,100.45	224.69
40 05 19 00-1587	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,355.73	277.02
40 05 19 00-1588	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,769.27	332.42
40 05 19 00-1589	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,182.25	418.61
40 05 19 00-1590	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,270.19	474.00
40 05 19 00-1591	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,448.17	627.90
40 05 19 00-1592	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	7,668.50	711.01
40 05 19 00-1593	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	12,727.99	812.59
40 05 19 00-1594	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	16,921.41	997.27

40 05 19 00-1595 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1596	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	251.50	101.57
40 05 19 00-1597	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	347.21	129.89
40 05 19 00-1598	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	453.32	147.13
40 05 19 00-1599	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	655.42	186.53
40 05 19 00-1600	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	801.40	206.84
40 05 19 00-1601	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	918.05	224.69
40 05 19 00-1602	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,154.13	277.02
40 05 19 00-1603	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,498.07	332.42
40 05 19 00-1604	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,935.05	418.61
40 05 19 00-1605	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,524.59	474.00
40 05 19 00-1606	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,902.57	627.90
40 05 19 00-1607	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	7,270.10	711.01
40 05 19 00-1608	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	11,015.19	812.59
40 05 19 00-1609	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	14,983.81	997.27

40 05 19 00-1610 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1611	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	250.70	101.57
40 05 19 00-1612	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	340.81	129.89
40 05 19 00-1613	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	447.72	147.13
40 05 19 00-1614	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	639.42	186.53
40 05 19 00-1615	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	836.60	206.84
40 05 19 00-1616	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,029.25	224.69
40 05 19 00-1617	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,178.93	277.02
40 05 19 00-1618	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,528.47	332.42
40 05 19 00-1619	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,067.05	418.61
40 05 19 00-1620	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,825.39	474.00
40 05 19 00-1621	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	4,956.17	627.90
40 05 19 00-1622	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	7,393.30	711.01
40 05 19 00-1623	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	11,260.79	812.59
40 05 19 00-1624	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	15,303.81	997.27

40 05 19 00-1625 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1626	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	270.70	101.57
40 05 19 00-1627	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	378.41	129.89
40 05 19 00-1628	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	463.72	147.13
40 05 19 00-1629	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	696.22	186.53
40 05 19 00-1630	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	941.40	206.84
40 05 19 00-1631	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,056.45	224.69
40 05 19 00-1632	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,292.53	277.02
40 05 19 00-1633	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,528.47	332.42
40 05 19 00-1634	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,067.05	418.61
40 05 19 00-1635	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,933.39	474.00
40 05 19 00-1636	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	5,009.77	627.90
40 05 19 00-1637	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	7,446.10	711.01
40 05 19 00-1638	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	11,316.79	812.59
40 05 19 00-1639	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	15,416.61	997.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1640		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1641	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	344.15	115.74
40 05 19 00-1642	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	418.81	124.35
40 05 19 00-1643	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	471.46	138.51
40 05 19 00-1644	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	616.66	144.05
40 05 19 00-1645	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	653.31	158.21
40 05 19 00-1646	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	711.97	166.83
40 05 19 00-1647	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	662.92	154.51
40 05 19 00-1648	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	745.17	168.67
40 05 19 00-1649	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	851.02	177.29
40 05 19 00-1650	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	909.67	196.99
40 05 19 00-1651	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	851.02	177.29
40 05 19 00-1652	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	939.28	185.91
40 05 19 00-1653	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,045.93	205.61
40 05 19 00-1654	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,153.78	216.07
40 05 19 00-1655	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	981.06	203.45
40 05 19 00-1656	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,055.72	212.08
40 05 19 00-1657	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,207.97	231.78
40 05 19 00-1658	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,314.56	241.93
40 05 19 00-1659	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,404.89	250.85
40 05 19 00-1660	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,145.43	231.15
40 05 19 00-1661	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,357.70	239.77
40 05 19 00-1662	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,402.74	259.47
40 05 19 00-1663	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,479.73	269.63
40 05 19 00-1664	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,600.46	278.56
40 05 19 00-1665	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,745.70	304.72
40 05 19 00-1666	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,469.93	274.24
40 05 19 00-1667	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,565.39	282.87
40 05 19 00-1668	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,924.03	302.57
40 05 19 00-1669	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,996.23	312.72
40 05 19 00-1670	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,193.74	321.65
40 05 19 00-1671	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,157.38	347.81
40 05 19 00-1672	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,298.57	375.51
40 05 19 00-1673	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,038.30	301.95
40 05 19 00-1674	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,134.56	310.57
40 05 19 00-1675	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,295.61	330.27
40 05 19 00-1676	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,410.20	340.43
40 05 19 00-1677	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,621.32	349.35
40 05 19 00-1678	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,824.97	375.51
40 05 19 00-1679	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,899.74	403.21
40 05 19 00-1680	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,040.97	398.75
40 05 19 00-1681	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,595.59	417.38
40 05 19 00-1682	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,821.12	426.30
40 05 19 00-1683	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,297.56	452.46
40 05 19 00-1684	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,979.53	480.16
40 05 19 00-1685	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,746.41	523.26
40 05 19 00-1686	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,068.38	550.95
40 05 19 00-1687	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,912.14	458.92
40 05 19 00-1688	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,317.67	467.86
40 05 19 00-1689	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,177.31	494.02
40 05 19 00-1690	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,716.88	521.72
40 05 19 00-1691	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,448.57	564.81
40 05 19 00-1692	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,022.55	592.51
40 05 19 00-1693	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,505.54	669.46
40 05 19 00-1694	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,586.62	518.64
40 05 19 00-1695	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,279.86	544.81
40 05 19 00-1696	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,748.23	572.51
40 05 19 00-1697	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,611.12	615.60
40 05 19 00-1698	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,426.70	643.30
40 05 19 00-1699	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,916.09	720.25
40 05 19 00-1700	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,911.85	761.80
40 05 19 00-1701	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,319.86	743.33
40 05 19 00-1702	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,490.06	820.28
40 05 19 00-1703	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,921.01	861.83
40 05 19 00-1704	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	19,013.16	912.62
40 05 19 00-1705		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1706	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	307.50	101.57
40 05 19 00-1707	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	464.81	129.89
40 05 19 00-1708	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	666.92	147.13
40 05 19 00-1709	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	940.22	186.53
40 05 19 00-1710	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,307.80	206.84
40 05 19 00-1711	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,518.85	224.69
40 05 19 00-1712	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,965.33	277.02
40 05 19 00-1713	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,430.87	332.42
40 05 19 00-1714	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,302.25	418.61
40 05 19 00-1715	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,801.39	474.00
40 05 19 00-1716	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	8,378.57	627.90
40 05 19 00-1717	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	12,667.70	711.01
40 05 19 00-1718	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	19,539.99	812.59

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1719		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base *(40 05 19 00-0001)*		
40 05 19 00-1720	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	322.70	101.57
40 05 19 00-1721	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	435.21	129.89
40 05 19 00-1722	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	687.72	147.13
40 05 19 00-1723	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	925.02	186.53
40 05 19 00-1724	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,227.00	206.84
40 05 19 00-1725	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,442.05	224.69
40 05 19 00-1726	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,781.33	277.02
40 05 19 00-1727	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,232.47	332.42
40 05 19 00-1728	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,939.05	418.61
40 05 19 00-1729	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,110.19	474.00
40 05 19 00-1730	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	6,684.97	627.90
40 05 19 00-1731	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	9,492.50	711.01
40 05 19 00-1732	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	17,450.39	812.59
40 05 19 00-1733	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	18,859.81	997.27
40 05 19 00-1734		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees *(40 05 19 00-0001)*		
40 05 19 00-1735	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	447.17	163.14
40 05 19 00-1736	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	553.67	200.69
40 05 19 00-1737	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	756.31	224.08
40 05 19 00-1738	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,074.78	291.18
40 05 19 00-1739	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,402.88	317.65
40 05 19 00-1740	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,848.06	341.66
40 05 19 00-1741	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,109.71	430.92
40 05 19 00-1742	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,560.58	492.48
40 05 19 00-1743	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,230.05	621.76
40 05 19 00-1744	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	4,673.59	686.39
40 05 19 00-1745	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	7,874.00	948.02
40 05 19 00-1746	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	11,247.85	1,086.53
40 05 19 00-1747	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	22,901.96	1,255.82
40 05 19 00-1748		Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees *(40 05 19 00-0001)*		
40 05 19 00-1749	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	552.09	182.21
40 05 19 00-1750	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	668.88	185.91
40 05 19 00-1751	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	677.12	209.30
40 05 19 00-1752	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	867.53	205.61
40 05 19 00-1753	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	866.17	229.00
40 05 19 00-1754	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	914.16	243.78
40 05 19 00-1755	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,083.38	216.07
40 05 19 00-1756	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,089.22	239.46
40 05 19 00-1757	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,150.81	254.24
40 05 19 00-1758	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,370.64	301.64
40 05 19 00-1759	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,546.05	224.69
40 05 19 00-1760	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,523.09	248.09
40 05 19 00-1761	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,591.87	262.86
40 05 19 00-1762	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,693.29	310.26
40 05 19 00-1763	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,794.81	326.57
40 05 19 00-1764	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,867.29	250.85
40 05 19 00-1765	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,736.33	274.24
40 05 19 00-1766	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,715.52	289.03
40 05 19 00-1767	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,012.13	336.42
40 05 19 00-1768	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,962.45	352.73
40 05 19 00-1769	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,178.90	367.82
40 05 19 00-1770	EA	18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,273.26	278.56
40 05 19 00-1771	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,747.10	301.95
40 05 19 00-1772	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,087.09	316.72
40 05 19 00-1773	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,111.70	364.12
40 05 19 00-1774	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,292.42	380.44
40 05 19 00-1775	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,495.27	395.53
40 05 19 00-1776	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,682.88	458.62
40 05 19 00-1777	EA	20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,916.14	321.65
40 05 19 00-1778	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,532.39	345.04
40 05 19 00-1779	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,587.58	359.82
40 05 19 00-1780	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,709.00	407.22
40 05 19 00-1781	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,815.31	423.53
40 05 19 00-1782	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,854.96	438.61
40 05 19 00-1783	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,428.16	501.71
40 05 19 00-1784	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,512.27	535.57
40 05 19 00-1785	EA	24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,312.52	349.35
40 05 19 00-1786	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,887.17	372.75
40 05 19 00-1787	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,017.55	387.52
40 05 19 00-1788	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,149.37	434.92
40 05 19 00-1789	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,516.49	451.24
40 05 19 00-1790	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,604.94	466.32
40 05 19 00-1791	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,743.74	529.41
40 05 19 00-1792	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,871.04	563.27
40 05 19 00-1793	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,045.57	601.91
40 05 19 00-1794	EA	30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,815.76	449.70
40 05 19 00-1795	EA	30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,854.94	464.47
40 05 19 00-1796	EA	30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,033.16	511.87
40 05 19 00-1797	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,057.88	528.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1798	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,080.73	543.27
40 05 19 00-1799	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,229.13	606.36
40 05 19 00-1800	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,315.63	640.22
40 05 19 00-1801	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,533.41	726.41
40 05 19 00-1802	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,301.38	763.34
40 05 19 00-1803	EA	36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,031.16	643.61
40 05 19 00-1804	EA	36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,579.28	655.30
40 05 19 00-1805	EA	36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,647.72	688.86
40 05 19 00-1806	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,720.57	702.09
40 05 19 00-1807	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,756.36	714.09
40 05 19 00-1808	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,859.18	758.72
40 05 19 00-1809	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,923.42	789.50
40 05 19 00-1810	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,091.75	854.14
40 05 19 00-1811	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,299.92	886.46
40 05 19 00-1812	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	12,125.32	1,017.27
40 05 19 00-1813	EA	42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,143.65	556.81
40 05 19 00-1814	EA	42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	12,826.67	604.21
40 05 19 00-1815	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	12,851.38	620.52
40 05 19 00-1816	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	12,892.64	635.60
40 05 19 00-1817	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,025.84	698.71
40 05 19 00-1818	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,171.54	732.56
40 05 19 00-1819	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,302.12	818.74
40 05 19 00-1820	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	13,508.48	855.68
40 05 19 00-1821	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,099.50	1,040.36
40 05 19 00-1822	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	21,894.40	1,137.32
40 05 19 00-1823	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,330.95	720.56
40 05 19 00-1824	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,353.80	735.64
40 05 19 00-1825	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,505.41	798.74
40 05 19 00-1826	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,556.70	832.59
40 05 19 00-1827	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,761.69	918.78
40 05 19 00-1828	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,949.65	955.72
40 05 19 00-1829	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	18,493.47	1,140.39

40 05 19 00-1830 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base *(40 05 19 00-0001)*

40 05 19 00-1831	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	477.57	163.14
40 05 19 00-1832	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	640.87	200.69
40 05 19 00-1833	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	906.71	224.08
40 05 19 00-1834	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,358.78	291.18
40 05 19 00-1835	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,796.48	317.65
40 05 19 00-1836	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,001.66	341.66
40 05 19 00-1837	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,487.31	430.92
40 05 19 00-1838	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,009.38	492.48
40 05 19 00-1839	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	4,004.45	621.76
40 05 19 00-1840	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	5,683.19	686.39
40 05 19 00-1841	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	9,446.00	948.02
40 05 19 00-1842	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	13,359.05	1,086.53

40 05 19 00-1843 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes *(40 05 19 00-0001)*

40 05 19 00-1844	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	400.77	163.14
40 05 19 00-1845	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	549.67	200.69
40 05 19 00-1846	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	768.31	224.08
40 05 19 00-1847	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,008.38	291.18
40 05 19 00-1848	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,398.88	317.65
40 05 19 00-1849	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,787.26	341.66

40 05 19 00-1850 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses *(40 05 19 00-0001)*

40 05 19 00-1851	EA	4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	550.85	224.69
40 05 19 00-1852	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	705.69	243.47
40 05 19 00-1853	EA	6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	752.93	271.48
40 05 19 00-1854	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	849.35	247.47
40 05 19 00-1855	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	929.99	280.10
40 05 19 00-1856	EA	8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	967.30	301.03
40 05 19 00-1857	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,077.61	267.17
40 05 19 00-1858	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,188.63	299.79
40 05 19 00-1859	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,297.15	320.73
40 05 19 00-1860	EA	10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,609.34	395.83
40 05 19 00-1861	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,368.19	277.32
40 05 19 00-1862	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,448.03	309.95
40 05 19 00-1863	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,557.34	330.88
40 05 19 00-1864	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,884.73	405.99
40 05 19 00-1865	EA	12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,793.17	428.46
40 05 19 00-1866	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,706.35	318.88
40 05 19 00-1867	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,814.87	339.81
40 05 19 00-1868	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,035.85	414.91
40 05 19 00-1869	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,208.30	437.38
40 05 19 00-1870	EA	14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,316.48	458.62
40 05 19 00-1871	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,021.99	345.04
40 05 19 00-1872	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,144.91	365.97
40 05 19 00-1873	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,365.89	441.07
40 05 19 00-1874	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,553.54	463.54

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1875	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,496.92	484.78
40 05 19 00-1876	EA	16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,920.49	584.82
40 05 19 00-1877	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,110.37	372.75
40 05 19 00-1878	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,232.48	393.67
40 05 19 00-1879	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,423.06	468.77
40 05 19 00-1880	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,609.91	491.25
40 05 19 00-1881	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,978.09	512.48
40 05 19 00-1882	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,268.06	612.52
40 05 19 00-1883	EA	18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,420.68	652.54
40 05 19 00-1884	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,722.05	415.84
40 05 19 00-1885	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,852.17	436.77
40 05 19 00-1886	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,031.56	511.87
40 05 19 00-1887	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,230.40	534.33
40 05 19 00-1888	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,295.39	555.57
40 05 19 00-1889	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,006.95	655.61
40 05 19 00-1890	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,165.98	695.63
40 05 19 00-1891	EA	20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,593.05	824.90
40 05 19 00-1892	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,554.43	443.54
40 05 19 00-1893	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,650.94	464.47
40 05 19 00-1894	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,879.93	539.58
40 05 19 00-1895	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,013.17	562.04
40 05 19 00-1896	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,094.96	583.28
40 05 19 00-1897	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,361.72	683.31
40 05 19 00-1898	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,591.95	723.33
40 05 19 00-1899	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,928.56	805.06
40 05 19 00-1900	EA	24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,532.18	898.77
40 05 19 00-1901	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,490.56	638.99
40 05 19 00-1902	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,540.35	660.23
40 05 19 00-1903	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,815.11	760.26
40 05 19 00-1904	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,910.94	800.28
40 05 19 00-1905	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,301.21	929.55
40 05 19 00-1906	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,399.97	975.72
40 05 19 00-1907	EA	30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,741.41	1,268.12
40 05 19 00-1908	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,134.06	812.89
40 05 19 00-1909	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,161.57	831.06
40 05 19 00-1910	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,392.36	912.62
40 05 19 00-1911	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,482.73	949.56
40 05 19 00-1912	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	9,805.15	1,057.29
40 05 19 00-1913	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,150.51	1,098.84
40 05 19 00-1914	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,668.74	1,337.39
40 05 19 00-1915	EA	36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	14,986.42	1,462.04
40 05 19 00-1916	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,301.68	731.33
40 05 19 00-1917	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,333.85	752.57
40 05 19 00-1918	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,598.22	852.60
40 05 19 00-1919	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,677.25	892.61
40 05 19 00-1920	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	14,042.72	1,021.89
40 05 19 00-1921	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	14,395.07	1,068.06
40 05 19 00-1922	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,525.32	1,360.47
40 05 19 00-1923	EA	42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,455.37	1,512.83
40 05 19 00-1924	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	19,095.12	1,699.05
40 05 19 00-1925	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,793.42	852.60
40 05 19 00-1926	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,058.59	952.64
40 05 19 00-1927	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,137.61	992.65
40 05 19 00-1928	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,483.88	1,121.92
40 05 19 00-1929	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,836.24	1,168.09
40 05 19 00-1930	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	19,787.29	1,460.50

40 05 19 00-1931 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1932	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	292.15	115.74
40 05 19 00-1933	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	363.61	124.35
40 05 19 00-1934	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	401.06	138.51
40 05 19 00-1935	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	479.86	144.05
40 05 19 00-1936	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	489.31	158.21
40 05 19 00-1937	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	564.77	166.83
40 05 19 00-1938	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	601.32	154.51
40 05 19 00-1939	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	625.17	168.67
40 05 19 00-1940	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	682.22	177.29
40 05 19 00-1941	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	766.47	196.99
40 05 19 00-1942	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	911.57	168.67
40 05 19 00-1943	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	743.02	177.29
40 05 19 00-1944	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	817.68	185.91
40 05 19 00-1945	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	899.53	205.61
40 05 19 00-1946	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	880.98	216.07
40 05 19 00-1947	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,074.81	189.30
40 05 19 00-1948	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	890.66	203.45
40 05 19 00-1949	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	849.32	212.08
40 05 19 00-1950	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	944.77	231.78
40 05 19 00-1951	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,152.96	241.93
40 05 19 00-1952	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,236.89	250.85
40 05 19 00-1953	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,356.63	231.15
40 05 19 00-1954	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,097.70	239.77
40 05 19 00-1955	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,204.34	259.47
40 05 19 00-1956	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,201.33	269.63

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1957	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,370.06	278.56
40 05 19 00-1958	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,378.50	304.72
40 05 19 00-1959	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,403.53	274.24
40 05 19 00-1960	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,367.79	282.87
40 05 19 00-1961	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,480.03	302.57
40 05 19 00-1962	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,449.83	312.72
40 05 19 00-1963	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,657.74	321.65
40 05 19 00-1964	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,574.18	347.81
40 05 19 00-1965	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,920.17	375.51
40 05 19 00-1966	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,820.96	310.57
40 05 19 00-1967	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,048.41	330.27
40 05 19 00-1968	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,197.40	340.43
40 05 19 00-1969	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,255.72	349.35
40 05 19 00-1970	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,022.57	375.51
40 05 19 00-1971	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,422.14	403.21
40 05 19 00-1972	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,547.37	398.75
40 05 19 00-1973	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,437.56	452.46
40 05 19 00-1974	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,585.93	480.16
40 05 19 00-1975	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,863.21	523.26
40 05 19 00-1976	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,257.98	550.95
40 05 19 00-1977	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,647.71	494.02
40 05 19 00-1978	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,883.28	521.72
40 05 19 00-1979	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,195.77	564.81
40 05 19 00-1980	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,644.15	592.51
40 05 19 00-1981	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,501.54	669.46
40 05 19 00-1982	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,824.30	643.30
40 05 19 00-1983	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,843.29	720.25
40 05 19 00-1984	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,979.05	761.80
40 05 19 00-1985	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,913.46	743.33
40 05 19 00-1986	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,121.26	820.28
40 05 19 00-1987	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,407.41	861.83
40 05 19 00-1988	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	13,877.16	912.62

40 05 19 00-1989 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1990	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	313.75	115.74
40 05 19 00-1991	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	388.41	124.35
40 05 19 00-1992	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	440.26	138.51
40 05 19 00-1993	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	479.86	144.05
40 05 19 00-1994	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	515.71	158.21
40 05 19 00-1995	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	589.57	166.83
40 05 19 00-1996	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	601.32	154.51
40 05 19 00-1997	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	653.97	168.67
40 05 19 00-1998	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	712.62	177.29
40 05 19 00-1999	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	819.27	196.99
40 05 19 00-2000	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	743.02	177.29
40 05 19 00-2001	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	802.48	185.91
40 05 19 00-2002	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	893.93	205.61
40 05 19 00-2003	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,016.18	216.07
40 05 19 00-2004	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	890.66	203.45
40 05 19 00-2005	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	963.72	212.08
40 05 19 00-2006	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,070.37	231.78
40 05 19 00-2007	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,177.76	241.93
40 05 19 00-2008	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,236.89	250.85
40 05 19 00-2009	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,097.70	239.77
40 05 19 00-2010	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,204.34	259.47
40 05 19 00-2011	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,311.73	269.63
40 05 19 00-2012	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,370.06	278.56
40 05 19 00-2013	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,501.70	304.72
40 05 19 00-2014	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,574.73	274.24
40 05 19 00-2015	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,450.19	282.87
40 05 19 00-2016	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,480.03	302.57
40 05 19 00-2017	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,610.63	312.72
40 05 19 00-2018	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,657.74	321.65
40 05 19 00-2019	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,810.98	347.81
40 05 19 00-2020	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,919.37	375.51
40 05 19 00-2021	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,985.76	310.57
40 05 19 00-2022	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,048.41	330.27
40 05 19 00-2023	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,096.60	340.43
40 05 19 00-2024	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,142.92	349.35
40 05 19 00-2025	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,298.57	375.51
40 05 19 00-2026	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,422.14	403.21
40 05 19 00-2027	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,547.37	398.75
40 05 19 00-2028	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,069.12	426.30
40 05 19 00-2029	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,984.76	452.46
40 05 19 00-2030	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,603.53	480.16
40 05 19 00-2031	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,863.21	523.26
40 05 19 00-2032	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,257.98	550.95
40 05 19 00-2033	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,682.91	494.02
40 05 19 00-2034	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,883.28	521.72
40 05 19 00-2035	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,178.17	564.81
40 05 19 00-2036	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,624.95	592.51
40 05 19 00-2037	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,483.94	669.46
40 05 19 00-2038	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,824.30	643.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2039	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,683.29	720.25
40 05 19 00-2040	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	9,979.05	761.80
40 05 19 00-2041	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,121.26	820.28
40 05 19 00-2042	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,407.41	861.83
40 05 19 00-2043	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,877.16	912.62

40 05 19 00-2044 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges *(40 05 19 00-0001)*

40 05 19 00-2045	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	111.03	40.01
40 05 19 00-2046	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	166.34	59.10
40 05 19 00-2047	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	235.13	70.18
40 05 19 00-2048	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	317.66	81.87
40 05 19 00-2049	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	406.31	96.04
40 05 19 00-2050	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	529.62	107.73
40 05 19 00-2051	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	630.55	123.12
40 05 19 00-2052	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	856.37	172.36
40 05 19 00-2053	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,132.05	215.46
40 05 19 00-2054	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,594.81	261.63
40 05 19 00-2055	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	2,223.30	304.72
40 05 19 00-2056	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	3,889.13	335.50
40 05 19 00-2057	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	5,442.83	369.36
40 05 19 00-2058	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	7,164.79	415.53

40 05 19 00-2059 Ductile Iron Bolt Packs *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-2060	EA	4" Pipe Diameter, Ductile Iron Flange Bolt Pack	29.23
		Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*8.18*
		For Hot Dip Galvanized, Add	*11.69*
40 05 19 00-2061	EA	6" Pipe Diameter, Ductile Iron Flange Bolt Pack	45.10
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*12.63*
		For Hot Dip Galvanized, Add	*18.04*
40 05 19 00-2062	EA	8" Pipe Diameter, Ductile Iron Flange Bolt Pack	48.97
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*13.71*
		For Hot Dip Galvanized, Add	*19.59*
40 05 19 00-2063	EA	10" Pipe Diameter, Ductile Iron Flange Bolt Pack	110.00
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*30.80*
		For Hot Dip Galvanized, Add	*44.00*
40 05 19 00-2064	EA	12" Pipe Diameter, Ductile Iron Flange Bolt Pack	110.97
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*31.07*
		For Hot Dip Galvanized, Add	*44.39*
40 05 19 00-2065	EA	14" Pipe Diameter, Ductile Iron Flange Bolt Pack	124.33
		Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*34.81*
		For Hot Dip Galvanized, Add	*49.73*
40 05 19 00-2066	EA	16" Pipe Diameter, Ductile Iron Flange Bolt Pack	209.01
		Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*58.52*
		For Hot Dip Galvanized, Add	*83.60*
40 05 19 00-2067	EA	18" Pipe Diameter, Ductile Iron Flange Bolt Pack	303.64
		Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*85.02*
		For Hot Dip Galvanized, Add	*121.46*
40 05 19 00-2068	EA	20" Pipe Diameter, Ductile Iron Flange Bolt Pack	383.38
		Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*107.35*
		For Hot Dip Galvanized, Add	*153.35*
40 05 19 00-2069	EA	24" Pipe Diameter, Ductile Iron Flange Bolt Pack	548.56
		Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*153.60*
		For Hot Dip Galvanized, Add	*219.42*
40 05 19 00-2070	EA	30" Pipe Diameter, Ductile Iron Flange Bolt Pack	866.80
		Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*242.70*
		For Hot Dip Galvanized, Add	*346.72*
40 05 19 00-2071	EA	36" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,236.51
		Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*346.22*
		For Hot Dip Galvanized, Add	*494.60*
40 05 19 00-2072	EA	42" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,590.73
		Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*445.40*
		For Hot Dip Galvanized, Add	*636.29*
40 05 19 00-2073	EA	48" Pipe Diameter, Ductile Iron Flange Bolt Pack	1,944.23
		Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*544.38*
		For Hot Dip Galvanized, Add	*777.69*

40 05 19 00-2074 Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-2075 Full Face Flange Styrene Butadiene (SBR) Gaskets *(40 05 19 00-2074)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2076	EA	4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	6.15	
40 05 19 00-2077	EA	6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	7.82	
40 05 19 00-2078	EA	8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	10.62	
40 05 19 00-2079	EA	10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	12.29	
40 05 19 00-2080	EA	12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	13.41	
40 05 19 00-2081	EA	14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	22.35	
40 05 19 00-2082	EA	16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	27.38	
40 05 19 00-2083	EA	18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	29.06	
40 05 19 00-2084	EA	20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	44.70	
40 05 19 00-2085	EA	24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	48.05	
40 05 19 00-2086	EA	30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	62.02	
40 05 19 00-2087	EA	36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	70.96	
40 05 19 00-2088	EA	42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	75.99	
40 05 19 00-2089	EA	48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	83.25	
40 05 19 00-2090		Full Face Flange Nitrile Buna-N (NBR) Gaskets *(40 05 19 00-2074)*		
		Note: (Acrylonitrile Butadiene)		
40 05 19 00-2091	EA	4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	19.00	
40 05 19 00-2092	EA	6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	26.82	
40 05 19 00-2093	EA	8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	41.35	
40 05 19 00-2094	EA	10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	45.26	
40 05 19 00-2095	EA	12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	48.61	
40 05 19 00-2096	EA	14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	91.64	
40 05 19 00-2097	EA	16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	112.87	
40 05 19 00-2098	EA	18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	113.43	
40 05 19 00-2099	EA	20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	117.90	
40 05 19 00-2100	EA	24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	124.60	
40 05 19 00-2101	EA	30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	138.01	
40 05 19 00-2102	EA	36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	151.98	
40 05 19 00-2103	EA	42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	216.24	
40 05 19 00-2104	EA	48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	236.35	
40 05 19 00-2105		Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets *(40 05 19 00-2074)*		
40 05 19 00-2106	EA	4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	16.76	
40 05 19 00-2107	EA	6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	21.79	
40 05 19 00-2108	EA	8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	29.61	
40 05 19 00-2109	EA	10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	34.64	
40 05 19 00-2110	EA	12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	38.55	
40 05 19 00-2111	EA	14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	63.70	
40 05 19 00-2112	EA	16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	76.55	
40 05 19 00-2113	EA	18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	77.11	
40 05 19 00-2114	EA	20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	78.78	
40 05 19 00-2115	EA	24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	91.64	
40 05 19 00-2116	EA	30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	112.31	
40 05 19 00-2117	EA	36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	127.95	
40 05 19 00-2118	EA	42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	183.27	
40 05 19 00-2119	EA	48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	202.27	
40 05 19 00-2120		Full Face Flange Neoprene Gaskets *(40 05 19 00-2074)*		
		Note: (Polychloroprene)		
40 05 19 00-2121	EA	4" Full Face Flange Neoprene Gasket, 1/8" Thick	19.56	
40 05 19 00-2122	EA	6" Full Face Flange Neoprene Gasket, 1/8" Thick	27.38	
40 05 19 00-2123	EA	8" Full Face Flange Neoprene Gasket, 1/8" Thick	41.91	
40 05 19 00-2124	EA	10" Full Face Flange Neoprene Gasket, 1/8" Thick	45.26	
40 05 19 00-2125	EA	12" Full Face Flange Neoprene Gasket, 1/8" Thick	48.61	
40 05 19 00-2126	EA	14" Full Face Flange Neoprene Gasket, 1/8" Thick	64.82	
40 05 19 00-2127	EA	16" Full Face Flange Neoprene Gasket, 1/8" Thick	113.98	
40 05 19 00-2128	EA	18" Full Face Flange Neoprene Gasket, 1/8" Thick	114.54	
40 05 19 00-2129	EA	20" Full Face Flange Neoprene Gasket, 1/8" Thick	121.25	
40 05 19 00-2130	EA	24" Full Face Flange Neoprene Gasket, 1/8" Thick	122.92	
40 05 19 00-2131	EA	30" Full Face Flange Neoprene Gasket, 1/8" Thick	133.54	
40 05 19 00-2132	EA	36" Full Face Flange Neoprene Gasket, 1/8" Thick	150.30	
40 05 19 00-2133	EA	42" Full Face Flange Neoprene Gasket, 1/8" Thick	217.91	
40 05 19 00-2134	EA	48" Full Face Flange Neoprene Gasket, 1/8" Thick	238.59	
40 05 19 00-2135		Full Face Flange FKM Gaskets *(40 05 19 00-2074)*		
		Note: (Fluoroelastomer Fluorel Viton®)		
40 05 19 00-2136	EA	4" Full Face Flange FKM Gasket, 1/8" Thick	45.00	
40 05 19 00-2137	EA	6" Full Face Flange FKM Gasket, 1/8" Thick	67.00	
40 05 19 00-2138	EA	8" Full Face Flange FKM Gasket, 1/8" Thick	89.50	
40 05 19 00-2139	EA	10" Full Face Flange FKM Gasket, 1/8" Thick	108.00	
40 05 19 00-2140	EA	12" Full Face Flange FKM Gasket, 1/8" Thick	140.50	
40 05 19 00-2141	EA	14" Full Face Flange FKM Gasket, 1/8" Thick	257.00	
40 05 19 00-2142	EA	16" Full Face Flange FKM Gasket, 1/8" Thick	294.50	
40 05 19 00-2143	EA	18" Full Face Flange FKM Gasket, 1/8" Thick	308.50	
40 05 19 00-2144	EA	20" Full Face Flange FKM Gasket, 1/8" Thick	329.00	
40 05 19 00-2145	EA	24" Full Face Flange FKM Gasket, 1/8" Thick	455.00	
40 05 19 00-2146	EA	30" Full Face Flange FKM Gasket, 1/8" Thick	545.50	
40 05 19 00-2147	EA	36" Full Face Flange FKM Gasket, 1/8" Thick	575.50	
40 05 19 00-2148	EA	42" Full Face Flange FKM Gasket, 1/8" Thick	717.50	
40 05 19 00-2149	EA	48" Full Face Flange FKM Gasket, 1/8" Thick	752.00	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2150		Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) *(40 05 19)*		
40 05 19 00-2151	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	284.03	58.76
40 05 19 00-2152	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	391.86	71.73
40 05 19 00-2153	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	576.20	87.49
40 05 19 00-2154	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	788.64	106.73
40 05 19 00-2155	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,000.16	130.14
40 05 19 00-2156	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,596.51	158.78
40 05 19 00-2157	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,499.23	193.78
40 05 19 00-2158	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,588.07	236.35
40 05 19 00-2159	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,170.47	288.40
40 05 19 00-2160	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,538.89	351.77
40 05 19 00-2161	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	4,555.87	429.25
40 05 19 00-2162	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	6,749.32	523.61
40 05 19 00-2163	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	17,445.32	638.87
40 05 19 00-2164	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	22,275.70	779.37

40 05 23 Stainless Steel Process Pipe and Tubing *(40 05)*

40 05 23 23 300- and 400-Series Stainless Steel Process Pipe *(40 05 23)*

40 05 23 23-0001		Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly *(40 05 23 23)*		
		Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.		
40 05 23 23-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	27.26	7.97
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*2.92*	
		For Work In Restricted Working Space, Add	*4.81*	
40 05 23 23-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	30.81	9.14
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.06*	
		For Work In Restricted Working Space, Add	*5.71*	
40 05 23 23-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	35.89	10.31
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*3.59*	
		For Work In Restricted Working Space, Add	*6.63*	
40 05 23 23-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	41.20	12.45
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*4.53*	
		For Work In Restricted Working Space, Add	*7.13*	
40 05 23 23-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	45.45	12.81
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*5.19*	
		For Work In Restricted Working Space, Add	*7.65*	
40 05 23 23-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	55.05	16.92
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*6.33*	
		For Work In Restricted Working Space, Add	*9.22*	
40 05 23 23-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	79.89	20.87
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*10.88*	
		For Work In Restricted Working Space, Add	*11.42*	
40 05 23 23-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	101.03	24.18
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*14.17*	
		For Work In Restricted Working Space, Add	*13.96*	
40 05 23 23-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	137.54	24.18
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*17.72*	
40 05 23 23-0011		Stainless Steel Tubing And Fittings *(40 05 23 23)*		
40 05 23 23-0012		Type 304 Tubing *(40 05 23 23-0011)*		
40 05 23 23-0013		0.035" Wall *(40 05 23 23-0012)*		
40 05 23 23-0014	LF	1/4", 0.035" Wall, Type 304, Stainless Steel Tubing	6.63	2.63
		For Work In Restricted Working Space, Add	*1.57*	
40 05 23 23-0015	LF	3/8", 0.035" Wall, Type 304, Stainless Steel Tubing	7.73	3.12
		For Work In Restricted Working Space, Add	*1.88*	
40 05 23 23-0016	LF	1/2", 0.035" Wall, Type 304, Stainless Steel Tubing	9.19	3.70
		For Work In Restricted Working Space, Add	*2.19*	
40 05 23 23-0017	LF	5/8", 0.035" Wall, Type 304, Stainless Steel Tubing	14.08	4.18
		For Work In Restricted Working Space, Add	*2.51*	
40 05 23 23-0018	LF	3/4", 0.035" Wall, Type 304, Stainless Steel Tubing	16.58	4.67
		For Work In Restricted Working Space, Add	*2.82*	
40 05 23 23-0019	LF	7/8", 0.035" Wall, Type 304, Stainless Steel Tubing	18.35	5.25
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0020	LF	1", 0.035" Wall, Type 304, Stainless Steel Tubing	20.72	6.33
		For Work In Restricted Working Space, Add	*3.77*	
40 05 23 23-0021		0.049" Wall *(40 05 23 23-0012)*		
40 05 23 23-0022	LF	1/4", 0.049" Wall, Type 304, Stainless Steel Tubing	10.42	3.12
		For Work In Restricted Working Space, Add	*1.88*	
40 05 23 23-0023	LF	3/8", 0.049" Wall, Type 304, Stainless Steel Tubing	11.69	3.70
		For Work In Restricted Working Space, Add	*2.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0024	LF	1/2", 0.049" Wall, Type 304, Stainless Steel Tubing	13.95	4.18
		For Work In Restricted Working Space, Add	*2.51*	
40 05 23 23-0025	LF	5/8", 0.049" Wall, Type 304, Stainless Steel Tubing	17.63	5.25
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0026	LF	3/4", 0.049" Wall, Type 304, Stainless Steel Tubing	20.31	6.33
		For Work In Restricted Working Space, Add	*3.77*	
40 05 23 23-0027	LF	7/8", 0.049" Wall, Type 304, Stainless Steel Tubing	22.97	7.30
		For Work In Restricted Working Space, Add	*4.39*	
40 05 23 23-0028	LF	1", 0.049" Wall, Type 304, Stainless Steel Tubing	26.44	8.27
		For Work In Restricted Working Space, Add	*4.99*	

40 05 23 23-0029 0.065" Wall *(40 05 23 23-0012)*

40 05 23 23-0030	LF	1/4", 0.065" Wall, Type 304, Stainless Steel Tubing	12.16	3.70
		For Work In Restricted Working Space, Add	*2.19*	
40 05 23 23-0031	LF	3/8", 0.065" Wall, Type 304, Stainless Steel Tubing	13.98	4.18
		For Work In Restricted Working Space, Add	*2.51*	
40 05 23 23-0032	LF	1/2", 0.065" Wall, Type 304, Stainless Steel Tubing	17.28	5.25
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0033	LF	5/8", 0.065" Wall, Type 304, Stainless Steel Tubing	20.38	6.33
		For Work In Restricted Working Space, Add	*3.77*	
40 05 23 23-0034	LF	3/4", 0.065" Wall, Type 304, Stainless Steel Tubing	24.00	7.30
		For Work In Restricted Working Space, Add	*4.39*	
40 05 23 23-0035	LF	7/8", 0.065" Wall, Type 304, Stainless Steel Tubing	27.53	8.27
		For Work In Restricted Working Space, Add	*4.99*	
40 05 23 23-0036	LF	1", 0.065" Wall, Type 304, Stainless Steel Tubing	31.01	9.35
		For Work In Restricted Working Space, Add	*5.61*	

40 05 23 23-0037 Type 304 Tube Fittings *(40 05 23 23-0011)*

40 05 23 23-0038 90 Degree Elbows *(40 05 23 23-0037)*

40 05 23 23-0039	EA	1/4", Type 304, Stainless Steel, 90 Degree Elbow	38.62	10.51
		For Work In Restricted Working Space, Add	*6.28*	
40 05 23 23-0040	EA	3/8", Type 304, Stainless Steel, 90 Degree Elbow	45.22	11.49
		For Work In Restricted Working Space, Add	*6.87*	
40 05 23 23-0041	EA	1/2", Type 304, Stainless Steel, 90 Degree Elbow	65.97	12.95
		For Work In Restricted Working Space, Add	*7.79*	
40 05 23 23-0042	EA	5/8", Type 304, Stainless Steel, 90 Degree Elbow	70.80	14.50
		For Work In Restricted Working Space, Add	*8.72*	
40 05 23 23-0043	EA	3/4", Type 304, Stainless Steel, 90 Degree Elbow	78.92	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0044	EA	7/8", Type 304, Stainless Steel, 90 Degree Elbow	105.75	17.42
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0045	EA	1", Type 304, Stainless Steel, 90 Degree Elbow	133.96	20.73
		For Work In Restricted Working Space, Add	*12.43*	

40 05 23 23-0046 Union Tees *(40 05 23 23-0037)*

40 05 23 23-0047	EA	1/4", Type 304, Stainless Steel, Union Tee	60.84	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0048	EA	3/8", Type 304, Stainless Steel, Union Tee	72.95	17.42
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0049	EA	1/2", Type 304, Stainless Steel, Union Tee	97.52	19.47
		For Work In Restricted Working Space, Add	*11.68*	
40 05 23 23-0050	EA	5/8", Type 304, Stainless Steel, Union Tee	105.51	22.09
		For Work In Restricted Working Space, Add	*13.27*	
40 05 23 23-0051	EA	3/4", Type 304, Stainless Steel, Union Tee	132.51	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0052	EA	7/8", Type 304, Stainless Steel, Union Tee	204.79	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0053	EA	1", Type 304, Stainless Steel, Union Tee	245.36	31.44
		For Work In Restricted Working Space, Add	*18.83*	

40 05 23 23-0054 Unions *(40 05 23 23-0037)*

40 05 23 23-0055	EA	1/4", Type 304, Stainless Steel, Union	58.49	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0056	EA	3/8", Type 304, Stainless Steel, Union	74.27	17.42
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0057	EA	1/2", Type 304, Stainless Steel, Union	98.38	19.47
		For Work In Restricted Working Space, Add	*11.68*	
40 05 23 23-0058	EA	5/8", Type 304, Stainless Steel, Union	119.11	22.09
		For Work In Restricted Working Space, Add	*13.27*	
40 05 23 23-0059	EA	3/4", Type 304, Stainless Steel, Union	140.79	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0060	EA	7/8", Type 304, Stainless Steel, Union	211.39	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0061	EA	1", Type 304, Stainless Steel, Union	226.65	31.44
		For Work In Restricted Working Space, Add	*18.83*	

40 05 23 23-0062 Male Connectors *(40 05 23 23-0037)*

40 05 23 23-0063	EA	1/4" x 1/4", Type 304, Stainless Steel, Male Connection	30.24	10.51
		For Work In Restricted Working Space, Add	*6.28*	
40 05 23 23-0064	EA	3/8" x 3/8", Type 304, Stainless Steel, Male Connection	36.97	11.49
		For Work In Restricted Working Space, Add	*6.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0065	EA	1/2" x 1/2", Type 304, Stainless Steel, Male Connection	47.01	12.95
		For Work In Restricted Working Space, Add	*7.79*	
40 05 23 23-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304	52.92	14.50
		For Work In Restricted Working Space, Add	*8.72*	
40 05 23 23-0067	EA	3/4" x 3/4", Type 304, Stainless Steel, Male Connection	63.04	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0068	EA	7/8" x 7/8", Type 304, Stainless Steel, Male Connection	91.82	17.42
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0069	EA	1" x 1", Type 304, Stainless Steel, Male Connection	97.41	20.73
		For Work In Restricted Working Space, Add	*12.43*	

40 05 23 23-0070 Type 304 Valves *(40 05 23 23-0011)*

40 05 23 23-0071 Gate Valves *(40 05 23 23-0070)*

40 05 23 23-0072	EA	1/4" Gate Valve, Stainless Steel Type 304	162.95	15.67
		For Work In Restricted Working Space, Add	*8.50*	
40 05 23 23-0073	EA	3/8" Gate Valve, Stainless Steel Type 304	272.56	18.39
		For Work In Restricted Working Space, Add	*8.95*	
40 05 23 23-0074	EA	1/2" Gate Valve, Stainless Steel Type 304	284.15	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0075	EA	3/4" Gate Valve, Stainless Steel Type 304	315.15	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0076	EA	1" Gate Valve, Stainless Steel Type 304	291.46	31.44
		For Work In Restricted Working Space, Add	*18.83*	

40 05 23 23-0077 Globe Valves *(40 05 23 23-0070)*

40 05 23 23-0078	EA	1/4" Globe Valve, Stainless Steel Type 304	165.16	15.67
		For Work In Restricted Working Space, Add	*8.50*	
40 05 23 23-0079	EA	3/8" Globe Valve, Stainless Steel Type 304	110.36	18.39
		For Work In Restricted Working Space, Add	*8.95*	
40 05 23 23-0080	EA	1/2" Globe Valve, Stainless Steel Type 304	196.91	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0081	EA	3/4" Globe Valve, Stainless Steel Type 304	219.34	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0082	EA	1" Globe Valve, Stainless Steel Type 304	319.23	31.44
		For Work In Restricted Working Space, Add	*18.83*	

40 05 23 23-0083 Check Valves *(40 05 23 23-0070)*

40 05 23 23-0084	EA	1/4" Check Valve, Stainless Steel Type 304	229.97	15.67
		For Work In Restricted Working Space, Add	*8.50*	
40 05 23 23-0085	EA	3/8" Check Valve, Stainless Steel Type 304	231.46	18.39
		For Work In Restricted Working Space, Add	*8.95*	
40 05 23 23-0086	EA	1/2" Check Valve, Stainless Steel Type 304	154.13	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0087	EA	3/4" Check Valve, Stainless Steel Type 304	161.81	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0088	EA	1" Check Valve, Stainless Steel Type 304	180.39	31.44
		For Work In Restricted Working Space, Add	*18.83*	

40 05 23 23-0089 Plug Valves *(40 05 23 23-0070)*

40 05 23 23-0090	EA	1/2" Plug Valve, Stainless Steel Type 304	355.43	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0091	EA	3/4" Plug Valve, Stainless Steel Type 304	389.39	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0092	EA	1" Plug Valve, Stainless Steel Type 304	441.92	31.44
		For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0093	EA	1-1/2" Plug Valve, Stainless Steel Type 304	611.95	35.52
		For Work In Restricted Working Space, Add	*21.31*	
40 05 23 23-0094	EA	2" Plug Valve, Stainless Steel Type 304	797.43	48.66
		For Work In Restricted Working Space, Add	*29.20*	

40 05 23 23-0095 Type 316 Tubing *(40 05 23 23-0011)*

40 05 23 23-0096 0.035" Wall *(40 05 23 23-0095)*

40 05 23 23-0097	LF	1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	6.84	2.63
		For Work In Restricted Working Space, Add	*1.57*	
40 05 23 23-0098	LF	3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	8.78	3.12
		For Work In Restricted Working Space, Add	*1.88*	
40 05 23 23-0099	LF	1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	9.83	3.70
		For Work In Restricted Working Space, Add	*2.19*	
40 05 23 23-0100	LF	5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	15.77	4.18
		For Work In Restricted Working Space, Add	*2.51*	
40 05 23 23-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall	17.89	4.67
		For Work In Restricted Working Space, Add	*2.82*	
40 05 23 23-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall	22.39	5.25
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall	23.85	6.33
		For Work In Restricted Working Space, Add	*3.77*	

40 05 23 23-0104 0.049" Wall *(40 05 23 23-0095)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall	11.33	3.12
		For Work In Restricted Working Space, Add	*1.88*	
40 05 23 23-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall	12.64	3.70
		For Work In Restricted Working Space, Add	*2.19*	
40 05 23 23-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall	14.84	4.18
		For Work In Restricted Working Space, Add	*2.51*	
40 05 23 23-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall	19.27	5.25
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall	22.36	6.33
		For Work In Restricted Working Space, Add	*3.77*	
40 05 23 23-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall	28.22	7.30
		For Work In Restricted Working Space, Add	*4.39*	
40 05 23 23-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall	29.19	8.27
		For Work In Restricted Working Space, Add	*4.99*	

40 05 23 23-0112 0.065" Wall *(40 05 23 23-0095)*

40 05 23 23-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall	13.24	3.70
		For Work In Restricted Working Space, Add	*2.19*	
40 05 23 23-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall	14.81	4.18
		For Work In Restricted Working Space, Add	*2.51*	
40 05 23 23-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall	18.58	5.25
		For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall	22.16	6.33
		For Work In Restricted Working Space, Add	*3.77*	
40 05 23 23-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall	26.73	7.30
		For Work In Restricted Working Space, Add	*4.39*	
40 05 23 23-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall	29.56	8.27
		For Work In Restricted Working Space, Add	*4.99*	
40 05 23 23-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall	34.28	9.35
		For Work In Restricted Working Space, Add	*5.61*	

40 05 23 23-0120 Type 316 Tube Fittings *(40 05 23 23-0011)*

40 05 23 23-0121 90 Degree Elbows *(40 05 23 23-0120)*

40 05 23 23-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316	51.40	10.51
		For Work In Restricted Working Space, Add	*6.28*	
40 05 23 23-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316	61.33	11.49
		For Work In Restricted Working Space, Add	*6.87*	
40 05 23 23-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316	94.86	12.95
		For Work In Restricted Working Space, Add	*7.79*	
40 05 23 23-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316	100.94	14.50
		For Work In Restricted Working Space, Add	*8.72*	
40 05 23 23-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316	113.23	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316	157.01	17.42
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316	200.78	20.73
		For Work In Restricted Working Space, Add	*12.43*	

40 05 23 23-0129 Union Tees *(40 05 23 23-0120)*

40 05 23 23-0130	EA	1/4" Union Tee, Stainless Steel Type 316	82.09	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0131	EA	3/8" Union Tee, Stainless Steel Type 316	100.52	17.42
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0132	EA	1/2" Union Tee, Stainless Steel Type 316	139.81	19.47
		For Work In Restricted Working Space, Add	*11.68*	
40 05 23 23-0133	EA	5/8" Union Tee, Stainless Steel Type 316	149.75	22.09
		For Work In Restricted Working Space, Add	*13.27*	
40 05 23 23-0134	EA	3/4" Union Tee, Stainless Steel Type 316	193.91	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0135	EA	7/8" Union Tee, Stainless Steel Type 316	314.66	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0136	EA	1" Union Tee, Stainless Steel Type 316	377.19	31.44
		For Work In Restricted Working Space, Add	*18.83*	

40 05 23 23-0137 Unions *(40 05 23 23-0120)*

40 05 23 23-0138	EA	1/4" Union, Stainless Steel Type 316	55.25	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0139	EA	3/8" Union, Stainless Steel Type 316	69.55	17.42
		For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0140	EA	1/2" Union, Stainless Steel Type 316	91.28	19.47
		For Work In Restricted Working Space, Add	*11.68*	
40 05 23 23-0141	EA	5/8" Union, Stainless Steel Type 316	110.16	22.09
		For Work In Restricted Working Space, Add	*13.27*	
40 05 23 23-0142	EA	3/4" Union, Stainless Steel Type 316	129.63	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0143	EA	7/8" Union, Stainless Steel Type 316	192.41	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0144	EA	1" Union, Stainless Steel Type 316	207.06	31.44
		For Work In Restricted Working Space, Add	*18.83*	

40 05 23 23-0145 Male Connectors *(40 05 23 23-0120)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0146		EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316	36.82	10.51
			For Work In Restricted Working Space, Add	*6.28*	
40 05 23 23-0147		EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316	46.92	11.49
			For Work In Restricted Working Space, Add	*6.87*	
40 05 23 23-0148		EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316	61.90	12.95
			For Work In Restricted Working Space, Add	*7.79*	
40 05 23 23-0149		EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316	69.80	14.50
			For Work In Restricted Working Space, Add	*8.72*	
40 05 23 23-0150		EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316	85.40	15.67
			For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0151		EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316	132.16	17.42
			For Work In Restricted Working Space, Add	*10.43*	
40 05 23 23-0152		EA	1" x 1" Male Connector, Stainless Steel Type 316	137.00	20.73
			For Work In Restricted Working Space, Add	*12.43*	

40 05 23 23-0153 Type 316 Valves *(40 05 23 23-0011)*

40 05 23 23-0154 Gate Valves *(40 05 23 23-0153)*

40 05 23 23-0155		EA	1/4" Gate Valve, Stainless Steel Type 316	206.41	15.67
			For Work In Restricted Working Space, Add	*8.50*	
40 05 23 23-0156		EA	3/8" Gate Valve, Stainless Steel Type 316	350.93	18.39
			For Work In Restricted Working Space, Add	*8.95*	
40 05 23 23-0157		EA	1/2" Gate Valve, Stainless Steel Type 316	362.52	20.73
			For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0158		EA	3/4" Gate Valve, Stainless Steel Type 316	401.58	23.75
			For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0159		EA	1" Gate Valve, Stainless Steel Type 316	365.29	31.44
			For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0160		EA	1-1/4" Gate Valve, Stainless Steel Type 316	499.99	32.60
			For Work In Restricted Working Space, Add	*19.56*	
40 05 23 23-0161		EA	1-1/2" Gate Valve, Stainless Steel Type 316	800.30	35.52
			For Work In Restricted Working Space, Add	*21.31*	
40 05 23 23-0162		EA	2" Gate Valve, Stainless Steel Type 316	953.00	48.66
			For Work In Restricted Working Space, Add	*29.20*	
40 05 23 23-0163		EA	2-1/2" Gate Valve, Stainless Steel Type 316	1,429.75	155.81
			For Work In Restricted Working Space, Add	*93.46*	

40 05 23 23-0164 Globe Valves *(40 05 23 23-0153)*

40 05 23 23-0165		EA	1/4" Globe Valve, Stainless Steel Type 316	209.33	15.67
			For Work In Restricted Working Space, Add	*8.50*	
40 05 23 23-0166		EA	3/8" Globe Valve, Stainless Steel Type 316	136.36	18.39
			For Work In Restricted Working Space, Add	*8.95*	
40 05 23 23-0167		EA	1/2" Globe Valve, Stainless Steel Type 316	247.11	20.73
			For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0168		EA	3/4" Globe Valve, Stainless Steel Type 316	274.83	23.75
			For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0169		EA	1" Globe Valve, Stainless Steel Type 316	402.03	31.44
			For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0170		EA	1-1/4" Globe Valve, Stainless Steel Type 316	500.91	32.41
			For Work In Restricted Working Space, Add	*19.42*	
40 05 23 23-0171		EA	1-1/2" Globe Valve, Stainless Steel Type 316	829.47	35.52
			For Work In Restricted Working Space, Add	*21.31*	
40 05 23 23-0172		EA	2" Globe Valve, Stainless Steel Type 316	982.17	48.66
			For Work In Restricted Working Space, Add	*29.20*	
40 05 23 23-0173		EA	2-1/2" Globe Valve, Stainless Steel Type 316	1,245.00	155.81
			For Work In Restricted Working Space, Add	*93.46*	

40 05 23 23-0174 Check Valves *(40 05 23 23-0153)*

40 05 23 23-0175		EA	1/4" Check Valve, Stainless Steel Type 316	295.07	15.67
			For Work In Restricted Working Space, Add	*8.50*	
40 05 23 23-0176		EA	3/8" Check Valve, Stainless Steel Type 316	296.56	18.39
			For Work In Restricted Working Space, Add	*8.95*	
40 05 23 23-0177		EA	1/2" Check Valve, Stainless Steel Type 316	190.52	20.73
			For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0178		EA	3/4" Check Valve, Stainless Steel Type 316	198.73	23.75
			For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0179		EA	1" Check Valve, Stainless Steel Type 316	218.36	31.44
			For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0180		EA	1-1/4" Check Valve, Stainless Steel Type 316	300.33	32.60
			For Work In Restricted Working Space, Add	*19.56*	
40 05 23 23-0181		EA	1-1/2" Check Valve, Stainless Steel Type 316	664.17	35.52
			For Work In Restricted Working Space, Add	*21.31*	
40 05 23 23-0182		EA	2" Check Valve, Stainless Steel Type 316	807.15	48.66
			For Work In Restricted Working Space, Add	*29.20*	
40 05 23 23-0183		EA	2-1/2" Check Valve, Stainless Steel Type 316	1,608.02	155.81
			For Work In Restricted Working Space, Add	*93.46*	

40 05 23 23-0184 Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined *(40 05 23 23-0153)*

40 05 23 23-0185		EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	317.85	20.73
			For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0186		EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	371.22	23.75
			For Work In Restricted Working Space, Add	*14.24*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0187	EA		1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	473.63	31.44
			For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0188	EA		1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	752.62	35.52
			For Work In Restricted Working Space, Add	*21.31*	
40 05 23 23-0189	EA		2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,051.55	48.66
			For Work In Restricted Working Space, Add	*29.20*	

40 05 23 23-0190 Diaphragm Valves, Teflon Lined *(40 05 23 23-0153)*

40 05 23 23-0191	EA		1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	420.08	20.73
			For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0192	EA		3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	482.93	23.75
			For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0193	EA		1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	585.34	31.44
			For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0194	EA		1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	909.76	35.52
			For Work In Restricted Working Space, Add	*21.31*	
40 05 23 23-0195	EA		2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,238.99	48.66
			For Work In Restricted Working Space, Add	*29.20*	

40 05 23 23-0196 Strainers *(40 05 23 23-0153)*

40 05 23 23-0197	EA		1/2" Strainer, Stainless Steel Type 316	421.07	20.73
			For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0198	EA		3/4" Strainer, Stainless Steel Type 316	503.78	23.84
			For Work In Restricted Working Space, Add	*14.31*	
40 05 23 23-0199	EA		1" Strainer, Stainless Steel Type 316	659.21	31.63
			For Work In Restricted Working Space, Add	*18.98*	
40 05 23 23-0200	EA		1-1/4" Strainer, Stainless Steel Type 316	817.63	32.60
			For Work In Restricted Working Space, Add	*19.56*	
40 05 23 23-0201	EA		1-1/2" Strainer, Stainless Steel Type 316	1,025.52	35.52
			For Work In Restricted Working Space, Add	*21.32*	
40 05 23 23-0202	EA		2" Strainer, Stainless Steel Type 316	1,478.58	48.66
			For Work In Restricted Working Space, Add	*29.20*	
40 05 23 23-0203	EA		2-1/2" Strainer, Stainless Steel Type 316	2,031.68	64.72
			For Work In Restricted Working Space, Add	*38.83*	
40 05 23 23-0204	EA		3" Strainer, Stainless Steel Type 316	2,959.11	97.32
			For Work In Restricted Working Space, Add	*58.39*	
40 05 23 23-0205	EA		4" Strainer, Stainless Steel Type 316	3,791.98	155.72
			For Work In Restricted Working Space, Add	*93.43*	

40 05 23 23-0206 Plug Valves *(40 05 23 23-0153)*

40 05 23 23-0207	EA		1/2" Plug Valve, Stainless Steel Type 316	448.51	20.73
			For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0208	EA		3/4" Plug Valve, Stainless Steel Type 316	490.75	23.75
			For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0209	EA		1" Plug Valve, Stainless Steel Type 316	554.30	31.44
			For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0210	EA		1-1/2" Plug Valve, Stainless Steel Type 316	772.29	35.52
			For Work In Restricted Working Space, Add	*21.31*	
40 05 23 23-0211	EA		2" Plug Valve, Stainless Steel Type 316	1,004.96	48.66
			For Work In Restricted Working Space, Add	*29.20*	

40 05 23 23-0212 Cut And Prepare Existing Pipe In-Place *(40 05 23 23-0011)*

Note: For use when connecting pipe to an existing in-place system.

40 05 23 23-0213	EA	Cut And Prepare 1/2" Stainless Steel Pipe	19.46
40 05 23 23-0214	EA	Cut And Prepare 3/4" Stainless Steel Pipe	21.02
40 05 23 23-0215	EA	Cut And Prepare 1" Stainless Steel Pipe	23.64
40 05 23 23-0216	EA	Cut And Prepare 1-1/4" Stainless Steel Pipe	24.81
40 05 23 23-0217	EA	Cut And Prepare 1-1/2" Stainless Steel Pipe	26.27
40 05 23 23-0218	EA	Cut And Prepare 2" Stainless Steel Pipe	28.21
40 05 23 23-0219	EA	Cut And Prepare 2-1/2" Stainless Steel Pipe	30.16
40 05 23 23-0220	EA	Cut And Prepare 3" Stainless Steel Pipe	33.08
40 05 23 23-0221	EA	Cut And Prepare 4" Stainless Steel Pipe	35.99
40 05 23 23-0222	EA	Cut And Prepare 6" Stainless Steel Pipe	38.91
40 05 23 23-0223	EA	Cut And Prepare 8" Stainless Steel Pipe	41.84
40 05 23 23-0224	EA	Cut And Prepare 10" Stainless Steel Pipe	45.73
40 05 23 23-0225	EA	Cut And Prepare 12" Stainless Steel Pipe	49.62
40 05 23 23-0226	EA	Cut And Prepare 14" Stainless Steel Pipe	53.51
40 05 23 23-0227	EA	Cut And Prepare 16" Stainless Steel Pipe	57.40
40 05 23 23-0228	EA	Cut And Prepare 18" Stainless Steel Pipe	60.32
40 05 23 23-0229	EA	Cut And Prepare 20" Stainless Steel Pipe	63.24
40 05 23 23-0230	EA	Cut And Prepare 24" Stainless Steel Pipe	67.13

40 05 23 23-0231 Stainless Steel Pipe And Fittings *(40 05 23 23)*

40 05 23 23-0232 Type 304, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings *(40 05 23 23-0231)*

40 05 23 23-0233 Type 304, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0232)*

40 05 23 23-0234	LF		1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	13.88	4.18
			For Work In Restricted Working Space, Add	*2.51*	
40 05 23 23-0235	LF		3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	17.11	5.25
			For Work In Restricted Working Space, Add	*3.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0236	LF	1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	21.00	6.33
		For Work In Restricted Working Space, Add	*3.77*	
40 05 23 23-0237	LF	1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	25.19	7.30
		For Work In Restricted Working Space, Add	*4.39*	
40 05 23 23-0238	LF	1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	29.12	8.27
		For Work In Restricted Working Space, Add	*4.99*	
40 05 23 23-0239	LF	2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	37.16	10.51
		For Work In Restricted Working Space, Add	*6.28*	
40 05 23 23-0240	LF	2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	50.02	12.45
		For Work In Restricted Working Space, Add	*7.49*	
40 05 23 23-0241	LF	3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	62.88	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0242	LF	4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	85.00	20.73
		For Work In Restricted Working Space, Add	*12.43*	

40 05 23 23-0243 150#, Type 304 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0232)*

40 05 23 23-0244	EA	1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	33.39	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0245	EA	3/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	44.26	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0246	EA	1", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	56.74	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0247	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	79.15	36.00
		For Work In Restricted Working Space, Add	*21.63*	
40 05 23 23-0248	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	94.03	42.33
		For Work In Restricted Working Space, Add	*25.39*	
40 05 23 23-0249	EA	2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	114.38	51.20
		For Work In Restricted Working Space, Add	*30.73*	
40 05 23 23-0250	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	189.40	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0251	EA	3", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	243.94	104.62
		For Work In Restricted Working Space, Add	*62.79*	
40 05 23 23-0252	EA	4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	327.12	129.73
		For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-0253 150#, Type 304 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0232)*

40 05 23 23-0254	EA	1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	33.84	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0255	EA	3/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	45.00	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0256	EA	1", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	56.97	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0257	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	79.07	36.00
		For Work In Restricted Working Space, Add	*21.63*	
40 05 23 23-0258	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	92.93	42.33
		For Work In Restricted Working Space, Add	*25.39*	
40 05 23 23-0259	EA	2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	114.13	51.20
		For Work In Restricted Working Space, Add	*30.73*	
40 05 23 23-0260	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	194.35	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0261	EA	3", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	253.60	104.62
		For Work In Restricted Working Space, Add	*62.79*	
40 05 23 23-0262	EA	4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	338.37	129.73
		For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-0263 150#, Type 304 Stainless Steel Threaded Tees *(40 05 23 23-0232)*

40 05 23 23-0264	EA	1/2", 150#, Type 304 Stainless Steel Threaded Tee	50.17	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0265	EA	3/4", 150#, Type 304 Stainless Steel Threaded Tee	67.06	31.44
		For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0266	EA	1", 150#, Type 304 Stainless Steel Threaded Tee	83.30	38.93
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0267	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Tee	118.97	54.11
		For Work In Restricted Working Space, Add	*32.44*	
40 05 23 23-0268	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Tee	135.13	60.82
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0269	EA	2", 150#, Type 304 Stainless Steel Threaded Tee	179.51	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0270	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Tee	271.60	117.27
		For Work In Restricted Working Space, Add	*70.35*	
40 05 23 23-0271	EA	3", 150#, Type 304 Stainless Steel Threaded Tee	367.39	156.99
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0272	EA	4", 150#, Type 304 Stainless Steel Threaded Tee	485.83	194.64
		For Work In Restricted Working Space, Add	*116.79*	

40 05 23 23-0273 150#, Type 304 Stainless Steel Threaded Reducers *(40 05 23 23-0232)*

40 05 23 23-0274	EA	3/4", 150#, Type 304 Stainless Steel Threaded Reducer	43.91	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0275	EA	1", 150#, Type 304 Stainless Steel Threaded Reducer	56.01	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0276	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer	77.08	36.00
		For Work In Restricted Working Space, Add	*21.63*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0277		EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	91.80	42.33
			For Work In Restricted Working Space, Add	*25.39*	
40 05 23 23-0278		EA	2", 150#, Type 304 Stainless Steel Threaded Reducer	114.43	51.20
			For Work In Restricted Working Space, Add	*30.73*	
40 05 23 23-0279		EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	187.94	81.07
			For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0280		EA	3", 150#, Type 304 Stainless Steel Threaded Reducer	245.93	104.62
			For Work In Restricted Working Space, Add	*62.79*	
40 05 23 23-0281		EA	4", 150#, Type 304 Stainless Steel Threaded Reducer	320.21	129.73
			For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-0282 150#, Type 304 Stainless Steel Threaded Caps *(40 05 23 23-0232)*

40 05 23 23-0283		EA	1/2", 150#, Type 304 Stainless Steel Threaded Cap	17.01	7.89
			For Work In Restricted Working Space, Add	*4.71*	
40 05 23 23-0284		EA	3/4", 150#, Type 304 Stainless Steel Threaded Cap	22.57	10.51
			For Work In Restricted Working Space, Add	*6.28*	
40 05 23 23-0285		EA	1", 150#, Type 304 Stainless Steel Threaded Cap	28.43	12.95
			For Work In Restricted Working Space, Add	*7.79*	
40 05 23 23-0286		EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Cap	41.22	18.39
			For Work In Restricted Working Space, Add	*11.02*	
40 05 23 23-0287		EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Cap	47.31	20.73
			For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0288		EA	2", 150#, Type 304 Stainless Steel Threaded Cap	60.11	26.28
			For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0289		EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Cap	91.41	38.93
			For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0290		EA	3", 150#, Type 304 Stainless Steel Threaded Cap	121.18	51.20
			For Work In Restricted Working Space, Add	*30.73*	
40 05 23 23-0291		EA	4", 150#, Type 304 Stainless Steel Threaded Cap	161.47	64.92
			For Work In Restricted Working Space, Add	*38.93*	

40 05 23 23-0292 150#, Type 304 Stainless Steel Threaded Unions *(40 05 23 23-0232)*

40 05 23 23-0293		EA	1/2", 150#, Type 304 Stainless Steel Threaded Union	53.05	23.75
			For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0294		EA	3/4", 150#, Type 304 Stainless Steel Threaded Union	69.84	31.44
			For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0295		EA	1", 150#, Type 304 Stainless Steel Threaded Union	88.52	38.93
			For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0296		EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Union	126.65	54.11
			For Work In Restricted Working Space, Add	*32.44*	
40 05 23 23-0297		EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Union	142.57	60.82
			For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0298		EA	2", 150#, Type 304 Stainless Steel Threaded Union	187.26	81.07
			For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0299		EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Union	311.16	121.66
			For Work In Restricted Working Space, Add	*72.99*	
40 05 23 23-0300		EA	3", 150#, Type 304 Stainless Steel Threaded Union	399.40	156.99
			For Work In Restricted Working Space, Add	*94.19*	
40 05 23 23-0301		EA	4", 150#, Type 304 Stainless Steel Threaded Union	398.24	129.78
			For Work In Restricted Working Space, Add	*77.87*	

40 05 23 23-0302 150#, Type 304 Stainless Steel Threaded Couplings *(40 05 23 23-0232)*

40 05 23 23-0303		EA	1/2", 150#, Type 304 Stainless Steel Threaded Coupling	33.19	15.67
			For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0304		EA	3/4", 150#, Type 304 Stainless Steel Threaded Coupling	44.00	20.73
			For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0305		EA	1", 150#, Type 304 Stainless Steel Threaded Coupling	56.53	26.28
			For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0306		EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Coupling	78.34	36.00
			For Work In Restricted Working Space, Add	*21.63*	
40 05 23 23-0307		EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	92.04	42.33
			For Work In Restricted Working Space, Add	*25.39*	
40 05 23 23-0308		EA	2", 150#, Type 304 Stainless Steel Threaded Coupling	112.90	51.20
			For Work In Restricted Working Space, Add	*30.73*	
40 05 23 23-0309		EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	185.17	81.07
			For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0310		EA	3", 150#, Type 304 Stainless Steel Threaded Coupling	238.98	104.62
			For Work In Restricted Working Space, Add	*62.79*	
40 05 23 23-0311		EA	4", 150#, Type 304 Stainless Steel Threaded Coupling	305.66	129.73
			For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-0312 Type 316, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings *(40 05 23 23-0231)*

40 05 23 23-0313 Type 316, Schedule 40 Stainless Steel Threaded Pipe *(40 05 23 23-0312)*

40 05 23 23-0314		LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	16.81	4.18
			For Work In Restricted Working Space, Add	*2.51*	
40 05 23 23-0315		LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	19.99	5.25
			For Work In Restricted Working Space, Add	*3.14*	
40 05 23 23-0316		LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	25.14	6.33
			For Work In Restricted Working Space, Add	*3.77*	
40 05 23 23-0317		LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	30.61	7.30
			For Work In Restricted Working Space, Add	*4.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0318	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	35.54	8.27
		For Work In Restricted Working Space, Add	*4.99*	
40 05 23 23-0319	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	45.75	10.51
		For Work In Restricted Working Space, Add	*6.28*	
40 05 23 23-0320	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	62.04	12.45
		For Work In Restricted Working Space, Add	*7.49*	
40 05 23 23-0321	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	80.80	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0322	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	108.32	20.73
		For Work In Restricted Working Space, Add	*12.43*	

40 05 23 23-0323 150#, Type 316 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0312)*

40 05 23 23-0324	EA	1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	33.98	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0325	EA	3/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	45.15	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0326	EA	1", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	57.28	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0327	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	80.13	36.00
		For Work In Restricted Working Space, Add	*21.63*	
40 05 23 23-0328	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	95.34	42.33
		For Work In Restricted Working Space, Add	*25.39*	
40 05 23 23-0329	EA	2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	116.00	51.20
		For Work In Restricted Working Space, Add	*30.73*	
40 05 23 23-0330	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	191.98	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0331	EA	3", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	250.26	104.62
		For Work In Restricted Working Space, Add	*62.79*	
40 05 23 23-0332	EA	4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	334.81	129.73
		For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-0333 150#, Type 316 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0312)*

40 05 23 23-0334	EA	1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	34.47	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0335	EA	3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	45.46	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0336	EA	1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	57.64	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0337	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	80.03	36.00
		For Work In Restricted Working Space, Add	*21.63*	
40 05 23 23-0338	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	94.07	42.33
		For Work In Restricted Working Space, Add	*25.39*	
40 05 23 23-0339	EA	2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	115.64	51.20
		For Work In Restricted Working Space, Add	*30.73*	
40 05 23 23-0340	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	196.78	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0341	EA	3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	259.20	104.62
		For Work In Restricted Working Space, Add	*62.79*	
40 05 23 23-0342	EA	4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	353.48	129.73
		For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-0343 150#, Type 316 Stainless Steel Threaded Tees *(40 05 23 23-0312)*

40 05 23 23-0344	EA	1/2", 150#, Type 316 Stainless Steel Threaded Tee	50.81	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0345	EA	3/4", 150#, Type 316 Stainless Steel Threaded Tee	67.71	31.44
		For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0346	EA	1", 150#, Type 316 Stainless Steel Threaded Tee	84.02	38.93
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0347	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Tee	120.45	54.11
		For Work In Restricted Working Space, Add	*32.44*	
40 05 23 23-0348	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Tee	136.59	60.82
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0349	EA	2", 150#, Type 316 Stainless Steel Threaded Tee	181.43	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0350	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Tee	279.46	117.27
		For Work In Restricted Working Space, Add	*70.35*	
40 05 23 23-0351	EA	3", 150#, Type 316 Stainless Steel Threaded Tee	378.10	156.99
		For Work In Restricted Working Space, Add	*94.18*	
40 05 23 23-0352	EA	4", 150#, Type 316 Stainless Steel Threaded Tee	493.81	194.64
		For Work In Restricted Working Space, Add	*116.79*	

40 05 23 23-0353 150#, Type 316 Stainless Steel Threaded Reducers *(40 05 23 23-0312)*

40 05 23 23-0354	EA	3/4", 150#, Type 316 Stainless Steel Threaded Reducer	44.46	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0355	EA	1", 150#, Type 316 Stainless Steel Threaded Reducer	57.63	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0356	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer	77.39	36.00
		For Work In Restricted Working Space, Add	*21.63*	
40 05 23 23-0357	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	93.39	42.33
		For Work In Restricted Working Space, Add	*25.39*	
40 05 23 23-0358	EA	2", 150#, Type 316 Stainless Steel Threaded Reducer	117.22	51.20
		For Work In Restricted Working Space, Add	*30.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0359	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	194.27	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0360	EA	3", 150#, Type 316 Stainless Steel Threaded Reducer	252.94	104.62
		For Work In Restricted Working Space, Add	*62.79*	
40 05 23 23-0361	EA	4", 150#, Type 316 Stainless Steel Threaded Reducer	331.88	129.73
		For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-0362 150#, Type 316 Stainless Steel Threaded Caps *(40 05 23 23-0312)*

40 05 23 23-0363	EA	1/2", 150#, Type 316 Stainless Steel Threaded Cap	17.37	7.89
		For Work In Restricted Working Space, Add	*4.71*	
40 05 23 23-0364	EA	3/4", 150#, Type 316 Stainless Steel Threaded Cap	22.84	10.51
		For Work In Restricted Working Space, Add	*6.28*	
40 05 23 23-0365	EA	1", 150#, Type 316 Stainless Steel Threaded Cap	28.90	12.95
		For Work In Restricted Working Space, Add	*7.79*	
40 05 23 23-0366	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Cap	42.53	18.39
		For Work In Restricted Working Space, Add	*11.02*	
40 05 23 23-0367	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Cap	48.87	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0368	EA	2", 150#, Type 316 Stainless Steel Threaded Cap	62.13	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0369	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Cap	94.75	38.93
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0370	EA	3", 150#, Type 316 Stainless Steel Threaded Cap	124.58	51.20
		For Work In Restricted Working Space, Add	*30.73*	
40 05 23 23-0371	EA	4", 150#, Type 316 Stainless Steel Threaded Cap	168.21	64.92
		For Work In Restricted Working Space, Add	*38.93*	

40 05 23 23-0372 150#, Type 316 Stainless Steel Threaded Unions *(40 05 23 23-0312)*

40 05 23 23-0373	EA	1/2", 150#, Type 316 Stainless Steel Threaded Union	53.81	23.75
		For Work In Restricted Working Space, Add	*14.24*	
40 05 23 23-0374	EA	3/4", 150#, Type 316 Stainless Steel Threaded Union	72.73	31.44
		For Work In Restricted Working Space, Add	*18.83*	
40 05 23 23-0375	EA	1", 150#, Type 316 Stainless Steel Threaded Union	89.98	38.93
		For Work In Restricted Working Space, Add	*23.36*	
40 05 23 23-0376	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Union	129.13	54.11
		For Work In Restricted Working Space, Add	*32.44*	
40 05 23 23-0377	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Union	145.48	60.82
		For Work In Restricted Working Space, Add	*36.50*	
40 05 23 23-0378	EA	2", 150#, Type 316 Stainless Steel Threaded Union	190.62	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0379	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Union	316.31	121.66
		For Work In Restricted Working Space, Add	*72.99*	
40 05 23 23-0380	EA	3", 150#, Type 316 Stainless Steel Threaded Union	415.46	156.99
		For Work In Restricted Working Space, Add	*94.19*	
40 05 23 23-0381	EA	4", 150#, Type 316 Stainless Steel Threaded Union	432.49	129.78
		For Work In Restricted Working Space, Add	*77.87*	

40 05 23 23-0382 150#, Type 316 Stainless Steel Threaded Couplings *(40 05 23 23-0312)*

40 05 23 23-0383	EA	1/2", 150#, Type 316 Stainless Steel Threaded Coupling	34.40	15.67
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-0384	EA	3/4", 150#, Type 316 Stainless Steel Threaded Coupling	44.56	20.73
		For Work In Restricted Working Space, Add	*12.43*	
40 05 23 23-0385	EA	1", 150#, Type 316 Stainless Steel Threaded Coupling	57.07	26.28
		For Work In Restricted Working Space, Add	*15.78*	
40 05 23 23-0386	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling	79.19	36.00
		For Work In Restricted Working Space, Add	*21.63*	
40 05 23 23-0387	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	93.06	42.33
		For Work In Restricted Working Space, Add	*25.39*	
40 05 23 23-0388	EA	2", 150#, Type 316 Stainless Steel Threaded Coupling	114.32	51.20
		For Work In Restricted Working Space, Add	*30.73*	
40 05 23 23-0389	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	190.11	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-0390	EA	3", 150#, Type 316 Stainless Steel Threaded Coupling	245.35	104.62
		For Work In Restricted Working Space, Add	*62.79*	
40 05 23 23-0391	EA	4", 150#, Type 316 Stainless Steel Threaded Coupling	315.21	129.73
		For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-0392 Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0393 Type 304, Schedule 10 Stainless Steel Pipe *(40 05 23 23-0392)*

40 05 23 23-0394	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	15.33	4.09
		For Work In Restricted Working Space, Add	*2.45*	
40 05 23 23-0395	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	18.26	5.00
		For Work In Restricted Working Space, Add	*2.99*	
40 05 23 23-0396	LF	1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	24.05	5.90
		For Work In Restricted Working Space, Add	*3.51*	
40 05 23 23-0397	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	29.40	7.35
		For Work In Restricted Working Space, Add	*4.39*	
40 05 23 23-0398	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	32.73	8.26
		For Work In Restricted Working Space, Add	*4.95*	
40 05 23 23-0399	LF	2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	40.48	10.26
		For Work In Restricted Working Space, Add	*6.13*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0400	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	48.29	11.70
		For Work In Restricted Working Space, Add	*7.01*	
40 05 23 23-0401	LF	3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	56.85	13.16
		For Work In Restricted Working Space, Add	*7.89*	
40 05 23 23-0402	LF	4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	71.21	15.61
		For Work In Restricted Working Space, Add	*9.34*	
40 05 23 23-0403	LF	6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	103.44	20.51
		For Work In Restricted Working Space, Add	*12.26*	
40 05 23 23-0404	LF	8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	171.54	35.36
		For Work In Restricted Working Space, Add	*22.72*	
40 05 23 23-0405	LF	10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	218.21	38.88
		For Work In Restricted Working Space, Add	*24.99*	
40 05 23 23-0406	LF	12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	260.71	43.23
		For Work In Restricted Working Space, Add	*27.77*	
40 05 23 23-0407	LF	14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	320.12	48.60
		For Work In Restricted Working Space, Add	*31.25*	
40 05 23 23-0408	LF	16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	352.75	55.54
		For Work In Restricted Working Space, Add	*35.71*	
40 05 23 23-0409	LF	18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	395.58	64.79
		For Work In Restricted Working Space, Add	*41.66*	
40 05 23 23-0410	LF	20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	547.51	77.76
		For Work In Restricted Working Space, Add	*49.99*	
40 05 23 23-0411	LF	24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	713.43	97.20
		For Work In Restricted Working Space, Add	*62.48*	

40 05 23 23-0412 Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow *(40 05 23 23-0392)*

40 05 23 23-0413	EA	1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	106.43	46.55
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-0414	EA	3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	112.79	49.42
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-0415	EA	1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	124.20	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0416	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	135.49	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0417	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	149.64	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0418	EA	2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	167.05	72.71
		For Work In Restricted Working Space, Add	*48.48*	
40 05 23 23-0419	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	216.14	93.06
		For Work In Restricted Working Space, Add	*62.04*	
40 05 23 23-0420	EA	3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	253.47	109.07
		For Work In Restricted Working Space, Add	*72.71*	
40 05 23 23-0421	EA	4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	308.25	130.55
		For Work In Restricted Working Space, Add	*87.04*	
40 05 23 23-0422	EA	6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	410.99	163.08
		For Work In Restricted Working Space, Add	*108.72*	
40 05 23 23-0423	EA	8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	684.23	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0424	EA	10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	984.67	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0425	EA	12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,484.79	535.57
		For Work In Restricted Working Space, Add	*357.05*	
40 05 23 23-0426	EA	14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,750.15	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-0427	EA	16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,041.82	712.75
		For Work In Restricted Working Space, Add	*475.17*	
40 05 23 23-0428	EA	18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,575.20	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0429	EA	20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	3,593.70	1,249.69
		For Work In Restricted Working Space, Add	*833.12*	
40 05 23 23-0430	EA	24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	5,153.21	1,785.27
		For Work In Restricted Working Space, Add	*1,190.18*	

40 05 23 23-0431 Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow *(40 05 23 23-0392)*

40 05 23 23-0432	EA	1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	107.31	46.55
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-0433	EA	3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	113.67	49.42
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-0434	EA	1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	125.26	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0435	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	136.90	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0436	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	149.82	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0437	EA	2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	167.05	72.71
		For Work In Restricted Working Space, Add	*48.48*	
40 05 23 23-0438	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	215.26	93.06
		For Work In Restricted Working Space, Add	*62.04*	
40 05 23 23-0439	EA	3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	251.88	109.07
		For Work In Restricted Working Space, Add	*72.71*	
40 05 23 23-0440	EA	4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	305.26	130.55
		For Work In Restricted Working Space, Add	*87.04*	
40 05 23 23-0441	EA	6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	395.32	163.08
		For Work In Restricted Working Space, Add	*108.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0442	EA	8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	654.02	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0443	EA	10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	930.88	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0444	EA	12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,399.63	535.57
		For Work In Restricted Working Space, Add	*357.05*	
40 05 23 23-0445	EA	14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,645.62	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-0446	EA	16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,912.82	712.75
		For Work In Restricted Working Space, Add	*475.17*	
40 05 23 23-0447	EA	18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,405.79	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0448	EA	20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	3,365.10	1,249.69
		For Work In Restricted Working Space, Add	*833.12*	
40 05 23 23-0449	EA	24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	4,828.93	1,785.27
		For Work In Restricted Working Space, Add	*1,190.18*	

40 05 23 23-0450 Type 304, Schedule 10 Stainless Steel Butt Weld Tee *(40 05 23 23-0392)*

40 05 23 23-0451	EA	1/2", Type 304, Schedule 10 Stainless Steel Tee	141.17	59.17
		For Work In Restricted Working Space, Add	*39.45*	
40 05 23 23-0452	EA	3/4", Type 304, Schedule 10 Stainless Steel Tee	171.09	72.63
		For Work In Restricted Working Space, Add	*48.42*	
40 05 23 23-0453	EA	1", Type 304, Schedule 10 Stainless Steel Tee	191.03	81.61
		For Work In Restricted Working Space, Add	*54.41*	
40 05 23 23-0454	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Tee	217.56	93.06
		For Work In Restricted Working Space, Add	*62.04*	
40 05 23 23-0455	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Tee	231.67	99.89
		For Work In Restricted Working Space, Add	*66.60*	
40 05 23 23-0456	EA	2", Type 304, Schedule 10 Stainless Steel Tee	252.51	108.96
		For Work In Restricted Working Space, Add	*72.64*	
40 05 23 23-0457	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Tee	319.42	130.55
		For Work In Restricted Working Space, Add	*87.04*	
40 05 23 23-0458	EA	3", Type 304, Schedule 10 Stainless Steel Tee	382.58	163.61
		For Work In Restricted Working Space, Add	*109.07*	
40 05 23 23-0459	EA	4", Type 304, Schedule 10 Stainless Steel Tee	436.56	183.62
		For Work In Restricted Working Space, Add	*122.42*	
40 05 23 23-0460	EA	6", Type 304, Schedule 10 Stainless Steel Tee	619.92	244.82
		For Work In Restricted Working Space, Add	*163.22*	
40 05 23 23-0461	EA	8", Type 304, Schedule 10 Stainless Steel Tee	972.32	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0462	EA	10", Type 304, Schedule 10 Stainless Steel Tee	1,484.79	535.57
		For Work In Restricted Working Space, Add	*357.05*	
40 05 23 23-0463	EA	12", Type 304, Schedule 10 Stainless Steel Tee	1,896.96	669.47
		For Work In Restricted Working Space, Add	*446.32*	
40 05 23 23-0464	EA	14", Type 304, Schedule 10 Stainless Steel Tee	2,321.42	804.52
		For Work In Restricted Working Space, Add	*536.35*	
40 05 23 23-0465	EA	16", Type 304, Schedule 10 Stainless Steel Tee	2,816.41	981.43
		For Work In Restricted Working Space, Add	*654.29*	
40 05 23 23-0466	EA	18", Type 304, Schedule 10 Stainless Steel Tee	3,584.31	1,249.69
		For Work In Restricted Working Space, Add	*833.12*	
40 05 23 23-0467	EA	20", Type 304, Schedule 10 Stainless Steel Tee	4,776.14	1,644.33
		For Work In Restricted Working Space, Add	*1,096.22*	
40 05 23 23-0468	EA	24", Type 304, Schedule 10 Stainless Steel Tee	7,181.95	2,499.37
		For Work In Restricted Working Space, Add	*1,666.25*	

40 05 23 23-0469 Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0392)*

40 05 23 23-0470	EA	3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	127.10	49.43
		For Work In Restricted Working Space, Add	*32.96*	
40 05 23 23-0471	EA	1", Type 304, Schedule 10 Stainless Steel Reducing Tee	151.86	60.57
		For Work In Restricted Working Space, Add	*40.38*	
40 05 23 23-0472	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	182.74	68.06
		For Work In Restricted Working Space, Add	*45.38*	
40 05 23 23-0473	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	194.07	77.59
		For Work In Restricted Working Space, Add	*51.73*	
40 05 23 23-0474	EA	2", Type 304, Schedule 10 Stainless Steel Reducing Tee	204.82	83.37
		For Work In Restricted Working Space, Add	*55.58*	
40 05 23 23-0475	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	254.90	90.86
		For Work In Restricted Working Space, Add	*60.58*	
40 05 23 23-0476	EA	3", Type 304, Schedule 10 Stainless Steel Reducing Tee	301.52	108.91
		For Work In Restricted Working Space, Add	*72.61*	
40 05 23 23-0477	EA	4", Type 304, Schedule 10 Stainless Steel Reducing Tee	372.89	136.13
		For Work In Restricted Working Space, Add	*90.75*	
40 05 23 23-0478	EA	6", Type 304, Schedule 10 Stainless Steel Reducing Tee	475.53	155.54
		For Work In Restricted Working Space, Add	*103.69*	
40 05 23 23-0479	EA	8", Type 304, Schedule 10 Stainless Steel Reducing Tee	839.56	223.16
		For Work In Restricted Working Space, Add	*148.77*	
40 05 23 23-0480	EA	10", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,339.24	297.55
		For Work In Restricted Working Space, Add	*198.37*	
40 05 23 23-0481	EA	12", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,927.02	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-0482	EA	14", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,334.59	536.20
		For Work In Restricted Working Space, Add	*357.46*	
40 05 23 23-0483	EA	16", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,885.00	654.06
		For Work In Restricted Working Space, Add	*436.04*	
40 05 23 23-0484	EA	18", Type 304, Schedule 10 Stainless Steel Reducing Tee	3,718.19	833.12
		For Work In Restricted Working Space, Add	*555.42*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0485	EA	20", Type 304, Schedule 10 Stainless Steel Reducing Tee	5,231.62	1,096.21
		For Work In Restricted Working Space, Add	*730.81*	
40 05 23 23-0486	EA	24", Type 304, Schedule 10 Stainless Steel Reducing Tee	8,151.95	1,664.76
		For Work In Restricted Working Space, Add	*1,109.84*	

40 05 23 23-0487 Type 304, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0392)*

40 05 23 23-0488	EA	3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	105.87	44.96
		For Work In Restricted Working Space, Add	*29.97*	
40 05 23 23-0489	EA	1", Type 304, Schedule 10 Stainless Steel Concentric Reducer	116.26	48.99
		For Work In Restricted Working Space, Add	*32.66*	
40 05 23 23-0490	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	128.87	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0491	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	138.03	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0492	EA	2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	151.05	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0493	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	198.75	81.67
		For Work In Restricted Working Space, Add	*54.45*	
40 05 23 23-0494	EA	3", Type 304, Schedule 10 Stainless Steel Concentric Reducer	225.11	92.98
		For Work In Restricted Working Space, Add	*61.99*	
40 05 23 23-0495	EA	4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	263.28	108.96
		For Work In Restricted Working Space, Add	*72.64*	
40 05 23 23-0496	EA	6", Type 304, Schedule 10 Stainless Steel Concentric Reducer	338.51	138.71
		For Work In Restricted Working Space, Add	*92.47*	
40 05 23 23-0497	EA	8", Type 304, Schedule 10 Stainless Steel Concentric Reducer	524.70	214.24
		For Work In Restricted Working Space, Add	*142.82*	
40 05 23 23-0498	EA	10", Type 304, Schedule 10 Stainless Steel Concentric Reducer	664.47	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0499	EA	12", Type 304, Schedule 10 Stainless Steel Concentric Reducer	891.72	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0500	EA	14", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,245.79	468.63
		For Work In Restricted Working Space, Add	*312.42*	
40 05 23 23-0501	EA	16", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,447.97	534.05
		For Work In Restricted Working Space, Add	*356.03*	
40 05 23 23-0502	EA	18", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,790.14	669.47
		For Work In Restricted Working Space, Add	*446.32*	
40 05 23 23-0503	EA	20", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,483.23	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0504	EA	24", Type 304, Schedule 10 Stainless Steel Concentric Reducer	3,613.45	1,338.95
		For Work In Restricted Working Space, Add	*892.64*	
40 05 23 23-0505	EA	3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	122.42	44.96
		For Work In Restricted Working Space, Add	*29.97*	
40 05 23 23-0506	EA	1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	128.41	48.99
		For Work In Restricted Working Space, Add	*32.66*	
40 05 23 23-0507	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	137.19	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0508	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	153.17	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0509	EA	2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	161.96	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0510	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	210.72	81.67
		For Work In Restricted Working Space, Add	*54.45*	
40 05 23 23-0511	EA	3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	236.90	92.98
		For Work In Restricted Working Space, Add	*61.99*	
40 05 23 23-0512	EA	4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	272.40	108.96
		For Work In Restricted Working Space, Add	*72.64*	
40 05 23 23-0513	EA	6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	371.42	138.71
		For Work In Restricted Working Space, Add	*92.47*	
40 05 23 23-0514	EA	8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	595.25	214.24
		For Work In Restricted Working Space, Add	*142.82*	
40 05 23 23-0515	EA	10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	802.09	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0516	EA	12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,018.88	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0517	EA	14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,539.14	468.63
		For Work In Restricted Working Space, Add	*312.42*	
40 05 23 23-0518	EA	16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,784.10	534.05
		For Work In Restricted Working Space, Add	*356.03*	
40 05 23 23-0519	EA	18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,200.37	669.47
		For Work In Restricted Working Space, Add	*446.32*	
40 05 23 23-0520	EA	20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	3,140.61	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0521	EA	24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	4,484.68	1,338.95
		For Work In Restricted Working Space, Add	*892.64*	

40 05 23 23-0522 Type 304, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0392)*

40 05 23 23-0523	EA	1/2", Type 304, Schedule 10 Stainless Steel Cap	57.19	23.28
		For Work In Restricted Working Space, Add	*15.52*	
40 05 23 23-0524	EA	3/4", Type 304, Schedule 10 Stainless Steel Cap	62.29	24.70
		For Work In Restricted Working Space, Add	*16.47*	
40 05 23 23-0525	EA	1", Type 304, Schedule 10 Stainless Steel Cap	68.44	27.15
		For Work In Restricted Working Space, Add	*18.10*	
40 05 23 23-0526	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Cap	75.18	29.60
		For Work In Restricted Working Space, Add	*19.73*	
40 05 23 23-0527	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Cap	81.25	32.68
		For Work In Restricted Working Space, Add	*21.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0528	EA	2", Type 304, Schedule 10 Stainless Steel Cap	88.37	36.36
		For Work In Restricted Working Space, Add	*24.24*	
40 05 23 23-0529	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Cap	114.32	46.53
		For Work In Restricted Working Space, Add	*31.02*	
40 05 23 23-0530	EA	3", Type 304, Schedule 10 Stainless Steel Cap	130.52	54.54
		For Work In Restricted Working Space, Add	*36.36*	
40 05 23 23-0531	EA	4", Type 304, Schedule 10 Stainless Steel Cap	157.03	65.28
		For Work In Restricted Working Space, Add	*43.52*	
40 05 23 23-0532	EA	6", Type 304, Schedule 10 Stainless Steel Cap	201.04	81.67
		For Work In Restricted Working Space, Add	*54.45*	
40 05 23 23-0533	EA	8", Type 304, Schedule 10 Stainless Steel Cap	332.72	133.89
		For Work In Restricted Working Space, Add	*89.27*	
40 05 23 23-0534	EA	10", Type 304, Schedule 10 Stainless Steel Cap	443.18	178.53
		For Work In Restricted Working Space, Add	*119.02*	
40 05 23 23-0535	EA	12", Type 304, Schedule 10 Stainless Steel Cap	655.63	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0536	EA	14", Type 304, Schedule 10 Stainless Steel Cap	768.47	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-0537	EA	16", Type 304, Schedule 10 Stainless Steel Cap	887.65	356.37
		For Work In Restricted Working Space, Add	*237.59*	
40 05 23 23-0538	EA	18", Type 304, Schedule 10 Stainless Steel Cap	1,118.94	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-0539	EA	20", Type 304, Schedule 10 Stainless Steel Cap	1,550.17	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-0540	EA	24", Type 304, Schedule 10 Stainless Steel Cap	2,268.43	892.63
		For Work In Restricted Working Space, Add	*595.09*	

40 05 23 23-0541 Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0542 Type 304, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0541)*

40 05 23 23-0543	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	17.09	4.09
		For Work In Restricted Working Space, Add	*2.45*	
40 05 23 23-0544	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	20.76	5.00
		For Work In Restricted Working Space, Add	*2.99*	
40 05 23 23-0545	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	25.40	5.90
		For Work In Restricted Working Space, Add	*3.51*	
40 05 23 23-0546	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	31.75	7.26
		For Work In Restricted Working Space, Add	*4.39*	
40 05 23 23-0547	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	36.54	8.17
		For Work In Restricted Working Space, Add	*4.95*	
40 05 23 23-0548	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	46.76	10.44
		For Work In Restricted Working Space, Add	*6.13*	
40 05 23 23-0549	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	57.87	11.80
		For Work In Restricted Working Space, Add	*7.01*	
40 05 23 23-0550	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	56.68	13.16
		For Work In Restricted Working Space, Add	*7.89*	
40 05 23 23-0551	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	92.57	15.43
		For Work In Restricted Working Space, Add	*9.34*	
40 05 23 23-0552	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	143.52	20.42
		For Work In Restricted Working Space, Add	*12.26*	
40 05 23 23-0553	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	251.70	35.18
		For Work In Restricted Working Space, Add	*22.72*	
40 05 23 23-0554	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	317.92	38.88
		For Work In Restricted Working Space, Add	*24.99*	
40 05 23 23-0555	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	395.61	43.05
		For Work In Restricted Working Space, Add	*27.77*	

40 05 23 23-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0541)*

40 05 23 23-0557	EA	1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	107.14	46.55
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-0558	EA	3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	113.50	49.42
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-0559	EA	1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	124.73	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0560	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	135.87	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0561	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	149.99	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0562	EA	2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	168.28	72.71
		For Work In Restricted Working Space, Add	*48.48*	
40 05 23 23-0563	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	220.71	93.06
		For Work In Restricted Working Space, Add	*62.04*	
40 05 23 23-0564	EA	3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	260.16	109.07
		For Work In Restricted Working Space, Add	*72.71*	
40 05 23 23-0565	EA	4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	319.51	130.55
		For Work In Restricted Working Space, Add	*87.04*	
40 05 23 23-0566	EA	6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	482.97	163.08
		For Work In Restricted Working Space, Add	*108.72*	
40 05 23 23-0567	EA	8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	782.32	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0568	EA	10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,183.69	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0569	EA	12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,742.92	535.57
		For Work In Restricted Working Space, Add	*357.05*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0570	EA	14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow		2,063.29	624.84
		For Work In Restricted Working Space, Add		*416.56*	
40 05 23 23-0571	EA	16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow		2,444.10	712.75
		For Work In Restricted Working Space, Add		*475.17*	
40 05 23 23-0572	EA	18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow		3,134.15	892.64
		For Work In Restricted Working Space, Add		*595.09*	
40 05 23 23-0573	EA	20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow		4,283.60	1,249.69
		For Work In Restricted Working Space, Add		*833.12*	
40 05 23 23-0574	EA	24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow		6,137.47	1,785.27
		For Work In Restricted Working Space, Add		*1,190.18*	

40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0541)*

40 05 23 23-0576	EA	1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		108.37	46.55
		For Work In Restricted Working Space, Add		*31.03*	
40 05 23 23-0577	EA	3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		114.73	49.42
		For Work In Restricted Working Space, Add		*32.94*	
40 05 23 23-0578	EA	1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		125.61	54.30
		For Work In Restricted Working Space, Add		*36.20*	
40 05 23 23-0579	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		136.77	59.18
		For Work In Restricted Working Space, Add		*39.46*	
40 05 23 23-0580	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		150.87	65.36
		For Work In Restricted Working Space, Add		*43.57*	
40 05 23 23-0581	EA	2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		168.47	72.71
		For Work In Restricted Working Space, Add		*48.48*	
40 05 23 23-0582	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		220.71	93.06
		For Work In Restricted Working Space, Add		*62.04*	
40 05 23 23-0583	EA	3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		255.23	109.07
		For Work In Restricted Working Space, Add		*72.71*	
40 05 23 23-0584	EA	4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		322.15	130.55
		For Work In Restricted Working Space, Add		*87.04*	
40 05 23 23-0585	EA	6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		422.95	163.08
		For Work In Restricted Working Space, Add		*108.72*	
40 05 23 23-0586	EA	8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		719.40	267.80
		For Work In Restricted Working Space, Add		*178.53*	
40 05 23 23-0587	EA	10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		1,026.50	357.05
		For Work In Restricted Working Space, Add		*238.04*	
40 05 23 23-0588	EA	12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		1,511.03	535.57
		For Work In Restricted Working Space, Add		*357.05*	
40 05 23 23-0589	EA	14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		1,724.18	624.84
		For Work In Restricted Working Space, Add		*416.56*	
40 05 23 23-0590	EA	16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		2,040.35	712.75
		For Work In Restricted Working Space, Add		*475.17*	
40 05 23 23-0591	EA	18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		2,570.87	892.64
		For Work In Restricted Working Space, Add		*595.09*	
40 05 23 23-0592	EA	20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		3,523.54	1,249.69
		For Work In Restricted Working Space, Add		*833.12*	
40 05 23 23-0593	EA	24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow		5,097.94	1,785.27
		For Work In Restricted Working Space, Add		*1,190.18*	

40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0541)*

40 05 23 23-0595	EA	1/2", Type 304, Schedule 40 Stainless Steel Tee		141.87	59.17
		For Work In Restricted Working Space, Add		*39.45*	
40 05 23 23-0596	EA	3/4", Type 304, Schedule 40 Stainless Steel Tee		171.79	72.63
		For Work In Restricted Working Space, Add		*48.42*	
40 05 23 23-0597	EA	1", Type 304, Schedule 40 Stainless Steel Tee		191.73	81.61
		For Work In Restricted Working Space, Add		*54.41*	
40 05 23 23-0598	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Tee		219.35	93.06
		For Work In Restricted Working Space, Add		*62.04*	
40 05 23 23-0599	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Tee		232.37	99.89
		For Work In Restricted Working Space, Add		*66.60*	
40 05 23 23-0600	EA	2", Type 304, Schedule 40 Stainless Steel Tee		253.39	108.96
		For Work In Restricted Working Space, Add		*72.64*	
40 05 23 23-0601	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Tee		321.80	130.55
		For Work In Restricted Working Space, Add		*87.04*	
40 05 23 23-0602	EA	3", Type 304, Schedule 40 Stainless Steel Tee		386.27	163.61
		For Work In Restricted Working Space, Add		*109.07*	
40 05 23 23-0603	EA	4", Type 304, Schedule 40 Stainless Steel Tee		440.61	183.62
		For Work In Restricted Working Space, Add		*122.42*	
40 05 23 23-0604	EA	6", Type 304, Schedule 40 Stainless Steel Tee		647.90	244.82
		For Work In Restricted Working Space, Add		*163.22*	
40 05 23 23-0605	EA	8", Type 304, Schedule 40 Stainless Steel Tee		1,055.38	357.05
		For Work In Restricted Working Space, Add		*238.04*	
40 05 23 23-0606	EA	10", Type 304, Schedule 40 Stainless Steel Tee		1,739.70	535.57
		For Work In Restricted Working Space, Add		*357.05*	
40 05 23 23-0607	EA	12", Type 304, Schedule 40 Stainless Steel Tee		2,165.74	669.47
		For Work In Restricted Working Space, Add		*446.32*	
40 05 23 23-0608	EA	14", Type 304, Schedule 40 Stainless Steel Tee		2,863.01	804.52
		For Work In Restricted Working Space, Add		*536.35*	
40 05 23 23-0609	EA	16", Type 304, Schedule 40 Stainless Steel Tee		3,607.10	981.43
		For Work In Restricted Working Space, Add		*654.29*	
40 05 23 23-0610	EA	18", Type 304, Schedule 40 Stainless Steel Tee		4,657.86	1,249.69
		For Work In Restricted Working Space, Add		*833.12*	
40 05 23 23-0611	EA	20", Type 304, Schedule 40 Stainless Steel Tee		6,035.40	1,644.33
		For Work In Restricted Working Space, Add		*1,096.22*	
40 05 23 23-0612	EA	24", Type 304, Schedule 40 Stainless Steel Tee		9,227.14	2,499.37
		For Work In Restricted Working Space, Add		*1,666.25*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0613		**Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees** *(40 05 23 23-0541)*			
40 05 23 23-0614	EA	3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee		129.39	49.43
		For Work In Restricted Working Space, Add		*32.96*	
40 05 23 23-0615	EA	1", Type 304, Schedule 40 Stainless Steel Reducing Tee		154.15	60.57
		For Work In Restricted Working Space, Add		*40.38*	
40 05 23 23-0616	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee		193.75	68.06
		For Work In Restricted Working Space, Add		*45.38*	
40 05 23 23-0617	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee		197.41	77.59
		For Work In Restricted Working Space, Add		*51.73*	
40 05 23 23-0618	EA	2", Type 304, Schedule 40 Stainless Steel Reducing Tee		204.82	83.37
		For Work In Restricted Working Space, Add		*55.58*	
40 05 23 23-0619	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee		243.65	90.86
		For Work In Restricted Working Space, Add		*60.58*	
40 05 23 23-0620	EA	3", Type 304, Schedule 40 Stainless Steel Reducing Tee		276.70	108.91
		For Work In Restricted Working Space, Add		*72.61*	
40 05 23 23-0621	EA	4", Type 304, Schedule 40 Stainless Steel Reducing Tee		359.87	136.13
		For Work In Restricted Working Space, Add		*90.75*	
40 05 23 23-0622	EA	6", Type 304, Schedule 40 Stainless Steel Reducing Tee		477.64	155.54
		For Work In Restricted Working Space, Add		*103.69*	
40 05 23 23-0623	EA	8", Type 304, Schedule 40 Stainless Steel Reducing Tee		764.86	223.16
		For Work In Restricted Working Space, Add		*148.77*	
40 05 23 23-0624	EA	10", Type 304, Schedule 40 Stainless Steel Reducing Tee		1,362.61	297.55
		For Work In Restricted Working Space, Add		*198.37*	
40 05 23 23-0625	EA	12", Type 304, Schedule 40 Stainless Steel Reducing Tee		1,973.78	446.31
		For Work In Restricted Working Space, Add		*297.55*	
40 05 23 23-0626	EA	14", Type 304, Schedule 40 Stainless Steel Reducing Tee		2,268.98	536.20
		For Work In Restricted Working Space, Add		*357.46*	
40 05 23 23-0627	EA	16", Type 304, Schedule 40 Stainless Steel Reducing Tee		2,802.83	654.06
		For Work In Restricted Working Space, Add		*436.04*	
40 05 23 23-0628	EA	18", Type 304, Schedule 40 Stainless Steel Reducing Tee		3,611.04	833.12
		For Work In Restricted Working Space, Add		*555.42*	
40 05 23 23-0629	EA	20", Type 304, Schedule 40 Stainless Steel Reducing Tee		5,071.15	1,096.21
		For Work In Restricted Working Space, Add		*730.81*	
40 05 23 23-0630	EA	24", Type 304, Schedule 40 Stainless Steel Reducing Tee		7,896.39	1,664.76
		For Work In Restricted Working Space, Add		*1,109.84*	
40 05 23 23-0631		**Type 304, Schedule 40 Stainless Steel Butt Weld Reducers** *(40 05 23 23-0541)*			
40 05 23 23-0632	EA	3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer		107.63	44.96
		For Work In Restricted Working Space, Add		*29.97*	
40 05 23 23-0633	EA	1", Type 304, Schedule 40 Stainless Steel Concentric Reducer		118.02	48.99
		For Work In Restricted Working Space, Add		*32.66*	
40 05 23 23-0634	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer		129.00	54.30
		For Work In Restricted Working Space, Add		*36.20*	
40 05 23 23-0635	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer		139.79	59.18
		For Work In Restricted Working Space, Add		*39.46*	
40 05 23 23-0636	EA	2", Type 304, Schedule 40 Stainless Steel Concentric Reducer		152.10	65.36
		For Work In Restricted Working Space, Add		*43.57*	
40 05 23 23-0637	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer		198.75	81.67
		For Work In Restricted Working Space, Add		*54.45*	
40 05 23 23-0638	EA	3", Type 304, Schedule 40 Stainless Steel Concentric Reducer		218.77	92.98
		For Work In Restricted Working Space, Add		*61.99*	
40 05 23 23-0639	EA	4", Type 304, Schedule 40 Stainless Steel Concentric Reducer		254.27	108.96
		For Work In Restricted Working Space, Add		*72.64*	
40 05 23 23-0640	EA	6", Type 304, Schedule 40 Stainless Steel Concentric Reducer		339.92	138.71
		For Work In Restricted Working Space, Add		*92.47*	
40 05 23 23-0641	EA	8", Type 304, Schedule 40 Stainless Steel Concentric Reducer		554.59	214.24
		For Work In Restricted Working Space, Add		*142.82*	
40 05 23 23-0642	EA	10", Type 304, Schedule 40 Stainless Steel Concentric Reducer		715.79	267.80
		For Work In Restricted Working Space, Add		*178.53*	
40 05 23 23-0643	EA	12", Type 304, Schedule 40 Stainless Steel Concentric Reducer		937.53	357.05
		For Work In Restricted Working Space, Add		*238.04*	
40 05 23 23-0644	EA	14", Type 304, Schedule 40 Stainless Steel Concentric Reducer		1,348.59	468.63
		For Work In Restricted Working Space, Add		*312.42*	
40 05 23 23-0645	EA	16", Type 304, Schedule 40 Stainless Steel Concentric Reducer		1,577.20	534.05
		For Work In Restricted Working Space, Add		*356.03*	
40 05 23 23-0646	EA	18", Type 304, Schedule 40 Stainless Steel Concentric Reducer		2,051.83	669.47
		For Work In Restricted Working Space, Add		*446.32*	
40 05 23 23-0647	EA	20", Type 304, Schedule 40 Stainless Steel Concentric Reducer		2,791.91	892.64
		For Work In Restricted Working Space, Add		*595.09*	
40 05 23 23-0648	EA	24", Type 304, Schedule 40 Stainless Steel Concentric Reducer		3,933.12	1,338.95
		For Work In Restricted Working Space, Add		*892.64*	
40 05 23 23-0649	EA	3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer		123.13	44.96
		For Work In Restricted Working Space, Add		*29.97*	
40 05 23 23-0650	EA	1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer		132.10	48.99
		For Work In Restricted Working Space, Add		*32.66*	
40 05 23 23-0651	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer		149.86	54.30
		For Work In Restricted Working Space, Add		*36.20*	
40 05 23 23-0652	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer		159.68	59.18
		For Work In Restricted Working Space, Add		*39.46*	
40 05 23 23-0653	EA	2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer		171.99	65.36
		For Work In Restricted Working Space, Add		*43.57*	
40 05 23 23-0654	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer		210.72	81.67
		For Work In Restricted Working Space, Add		*54.45*	
40 05 23 23-0655	EA	3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer		258.73	92.98
		For Work In Restricted Working Space, Add		*61.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0656	EA	4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	287.19	108.96
		For Work In Restricted Working Space, Add	*72.64*	
40 05 23 23-0657	EA	6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	386.03	138.71
		For Work In Restricted Working Space, Add	*92.47*	
40 05 23 23-0658	EA	8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	596.78	214.24
		For Work In Restricted Working Space, Add	*142.82*	
40 05 23 23-0659	EA	10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	800.76	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0660	EA	12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,088.07	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0661	EA	14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,717.59	468.63
		For Work In Restricted Working Space, Add	*312.42*	
40 05 23 23-0662	EA	16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,949.62	534.05
		For Work In Restricted Working Space, Add	*356.03*	
40 05 23 23-0663	EA	18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,533.63	669.47
		For Work In Restricted Working Space, Add	*446.32*	
40 05 23 23-0664	EA	20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	3,305.08	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0665	EA	24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	5,213.67	1,338.95
		For Work In Restricted Working Space, Add	*892.64*	

40 05 23 23-0666 Type 304, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0541)*

40 05 23 23-0667	EA	1/2", Type 304, Schedule 40 Stainless Steel Cap	57.71	23.28
		For Work In Restricted Working Space, Add	*15.52*	
40 05 23 23-0668	EA	3/4", Type 304, Schedule 40 Stainless Steel Cap	61.76	24.70
		For Work In Restricted Working Space, Add	*16.47*	
40 05 23 23-0669	EA	1", Type 304, Schedule 40 Stainless Steel Cap	68.96	27.15
		For Work In Restricted Working Space, Add	*18.10*	
40 05 23 23-0670	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Cap	77.54	29.60
		For Work In Restricted Working Space, Add	*19.73*	
40 05 23 23-0671	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Cap	83.54	32.68
		For Work In Restricted Working Space, Add	*21.79*	
40 05 23 23-0672	EA	2", Type 304, Schedule 40 Stainless Steel Cap	88.19	36.36
		For Work In Restricted Working Space, Add	*24.24*	
40 05 23 23-0673	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Cap	113.14	46.53
		For Work In Restricted Working Space, Add	*31.02*	
40 05 23 23-0674	EA	3", Type 304, Schedule 40 Stainless Steel Cap	131.22	54.54
		For Work In Restricted Working Space, Add	*36.36*	
40 05 23 23-0675	EA	4", Type 304, Schedule 40 Stainless Steel Cap	159.14	65.28
		For Work In Restricted Working Space, Add	*43.52*	
40 05 23 23-0676	EA	6", Type 304, Schedule 40 Stainless Steel Cap	214.06	81.67
		For Work In Restricted Working Space, Add	*54.45*	
40 05 23 23-0677	EA	8", Type 304, Schedule 40 Stainless Steel Cap	353.63	133.89
		For Work In Restricted Working Space, Add	*89.27*	
40 05 23 23-0678	EA	10", Type 304, Schedule 40 Stainless Steel Cap	472.75	178.53
		For Work In Restricted Working Space, Add	*119.02*	
40 05 23 23-0679	EA	12", Type 304, Schedule 40 Stainless Steel Cap	711.99	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0680	EA	14", Type 304, Schedule 40 Stainless Steel Cap	820.09	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-0681	EA	16", Type 304, Schedule 40 Stainless Steel Cap	958.66	356.37
		For Work In Restricted Working Space, Add	*237.59*	
40 05 23 23-0682	EA	18", Type 304, Schedule 40 Stainless Steel Cap	1,203.10	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-0683	EA	20", Type 304, Schedule 40 Stainless Steel Cap	1,662.40	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-0684	EA	24", Type 304, Schedule 40 Stainless Steel Cap	2,456.08	892.63
		For Work In Restricted Working Space, Add	*595.09*	

40 05 23 23-0685 Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0686 Type 316, Schedule 10 Stainless Steel Pipe *(40 05 23 23-0685)*

40 05 23 23-0687	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	17.57	4.09
		For Work In Restricted Working Space, Add	*2.45*	
40 05 23 23-0688	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	20.85	5.00
		For Work In Restricted Working Space, Add	*2.99*	
40 05 23 23-0689	LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	27.91	5.90
		For Work In Restricted Working Space, Add	*3.51*	
40 05 23 23-0690	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	34.01	7.35
		For Work In Restricted Working Space, Add	*4.39*	
40 05 23 23-0691	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	37.80	8.26
		For Work In Restricted Working Space, Add	*4.95*	
40 05 23 23-0692	LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	46.74	10.26
		For Work In Restricted Working Space, Add	*6.13*	
40 05 23 23-0693	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	56.07	11.70
		For Work In Restricted Working Space, Add	*7.01*	
40 05 23 23-0694	LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	66.39	13.16
		For Work In Restricted Working Space, Add	*7.89*	
40 05 23 23-0695	LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	83.73	15.61
		For Work In Restricted Working Space, Add	*9.34*	
40 05 23 23-0696	LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	122.98	20.51
		For Work In Restricted Working Space, Add	*12.26*	
40 05 23 23-0697	LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	201.46	35.36
		For Work In Restricted Working Space, Add	*22.72*	
40 05 23 23-0698	LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	260.34	38.88
		For Work In Restricted Working Space, Add	*24.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0699	LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	313.22	43.23
		For Work In Restricted Working Space, Add	*27.77*	
40 05 23 23-0700	LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	387.56	48.60
		For Work In Restricted Working Space, Add	*31.25*	
40 05 23 23-0701	LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	425.75	55.54
		For Work In Restricted Working Space, Add	*35.71*	
40 05 23 23-0702	LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	475.76	64.79
		For Work In Restricted Working Space, Add	*41.66*	
40 05 23 23-0703	LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	666.46	77.76
		For Work In Restricted Working Space, Add	*49.99*	
40 05 23 23-0704	LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	871.19	97.20
		For Work In Restricted Working Space, Add	*62.48*	

40 05 23 23-0705 Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0685)*

40 05 23 23-0706	EA	1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	107.31	46.55
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-0707	EA	3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	113.67	49.42
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-0708	EA	1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	125.26	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0709	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	137.02	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0710	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	150.70	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0711	EA	2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	168.28	72.71
		For Work In Restricted Working Space, Add	*48.48*	
40 05 23 23-0712	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	218.43	93.06
		For Work In Restricted Working Space, Add	*62.04*	
40 05 23 23-0713	EA	3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	256.81	109.07
		For Work In Restricted Working Space, Add	*72.71*	
40 05 23 23-0714	EA	4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	313.35	130.55
		For Work In Restricted Working Space, Add	*87.04*	
40 05 23 23-0715	EA	6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	424.36	163.08
		For Work In Restricted Working Space, Add	*108.72*	
40 05 23 23-0716	EA	8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	709.14	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0717	EA	10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,042.26	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0718	EA	12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,563.30	535.57
		For Work In Restricted Working Space, Add	*357.05*	
40 05 23 23-0719	EA	14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,824.03	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-0720	EA	16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,158.67	712.75
		For Work In Restricted Working Space, Add	*475.17*	
40 05 23 23-0721	EA	18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,715.32	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0722	EA	20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,793.86	1,249.69
		For Work In Restricted Working Space, Add	*833.12*	
40 05 23 23-0723	EA	24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	5,450.63	1,785.27
		For Work In Restricted Working Space, Add	*1,190.18*	

40 05 23 23-0724 Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0685)*

40 05 23 23-0725	EA	1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	108.37	46.55
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-0726	EA	3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	114.73	49.42
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-0727	EA	1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	126.31	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0728	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	138.43	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0729	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	150.70	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0730	EA	2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	168.28	72.71
		For Work In Restricted Working Space, Add	*48.48*	
40 05 23 23-0731	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	217.37	93.06
		For Work In Restricted Working Space, Add	*62.04*	
40 05 23 23-0732	EA	3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	255.23	109.07
		For Work In Restricted Working Space, Add	*72.71*	
40 05 23 23-0733	EA	4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	309.66	130.55
		For Work In Restricted Working Space, Add	*87.04*	
40 05 23 23-0734	EA	6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	402.54	163.08
		For Work In Restricted Working Space, Add	*108.72*	
40 05 23 23-0735	EA	8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	669.98	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0736	EA	10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,026.50	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0737	EA	12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,511.03	535.57
		For Work In Restricted Working Space, Add	*357.05*	
40 05 23 23-0738	EA	14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,775.04	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-0739	EA	16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,068.87	712.75
		For Work In Restricted Working Space, Add	*475.17*	
40 05 23 23-0740	EA	18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,609.56	892.64
		For Work In Restricted Working Space, Add	*595.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0741	EA	20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	3,698.84	1,249.69
		For Work In Restricted Working Space, Add	*833.12*	
40 05 23 23-0742	EA	24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	5,324.07	1,785.27
		For Work In Restricted Working Space, Add	*1,190.18*	

40 05 23 23-0743 Type 316, Schedule 10 Stainless Steel Butt Weld Tees *(40 05 23 23-0685)*

40 05 23 23-0744	EA	1/2", Type 316, Schedule 10 Stainless Steel Tee	143.46	59.17
		For Work In Restricted Working Space, Add	*39.45*	
40 05 23 23-0745	EA	3/4", Type 316, Schedule 10 Stainless Steel Tee	173.38	72.63
		For Work In Restricted Working Space, Add	*48.42*	
40 05 23 23-0746	EA	1", Type 316, Schedule 10 Stainless Steel Tee	193.32	81.61
		For Work In Restricted Working Space, Add	*54.41*	
40 05 23 23-0747	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Tee	221.79	93.06
		For Work In Restricted Working Space, Add	*62.04*	
40 05 23 23-0748	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Tee	235.01	99.89
		For Work In Restricted Working Space, Add	*66.60*	
40 05 23 23-0749	EA	2", Type 316, Schedule 10 Stainless Steel Tee	255.51	108.96
		For Work In Restricted Working Space, Add	*72.64*	
40 05 23 23-0750	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Tee	309.83	130.55
		For Work In Restricted Working Space, Add	*87.04*	
40 05 23 23-0751	EA	3", Type 316, Schedule 10 Stainless Steel Tee	388.39	163.61
		For Work In Restricted Working Space, Add	*109.07*	
40 05 23 23-0752	EA	4", Type 316, Schedule 10 Stainless Steel Tee	444.48	183.62
		For Work In Restricted Working Space, Add	*122.42*	
40 05 23 23-0753	EA	6", Type 316, Schedule 10 Stainless Steel Tee	642.62	244.82
		For Work In Restricted Working Space, Add	*163.22*	
40 05 23 23-0754	EA	8", Type 316, Schedule 10 Stainless Steel Tee	1,032.00	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0755	EA	10", Type 316, Schedule 10 Stainless Steel Tee	1,599.41	535.57
		For Work In Restricted Working Space, Add	*357.05*	
40 05 23 23-0756	EA	12", Type 316, Schedule 10 Stainless Steel Tee	2,048.83	669.47
		For Work In Restricted Working Space, Add	*446.32*	
40 05 23 23-0757	EA	14", Type 316, Schedule 10 Stainless Steel Tee	2,603.02	804.52
		For Work In Restricted Working Space, Add	*536.35*	
40 05 23 23-0758	EA	16", Type 316, Schedule 10 Stainless Steel Tee	3,089.12	981.43
		For Work In Restricted Working Space, Add	*654.29*	
40 05 23 23-0759	EA	18", Type 316, Schedule 10 Stainless Steel Tee	3,927.43	1,249.69
		For Work In Restricted Working Space, Add	*833.12*	
40 05 23 23-0760	EA	20", Type 316, Schedule 10 Stainless Steel Tee	5,276.51	1,644.33
		For Work In Restricted Working Space, Add	*1,096.22*	
40 05 23 23-0761	EA	24", Type 316, Schedule 10 Stainless Steel Tee	7,620.80	2,499.37
		For Work In Restricted Working Space, Add	*1,666.25*	

40 05 23 23-0762 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0685)*

40 05 23 23-0763	EA	3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	132.55	49.43
		For Work In Restricted Working Space, Add	*32.96*	
40 05 23 23-0764	EA	1", Type 316, Schedule 10 Stainless Steel Reducing Tee	158.37	60.57
		For Work In Restricted Working Space, Add	*40.38*	
40 05 23 23-0765	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	190.67	68.06
		For Work In Restricted Working Space, Add	*45.38*	
40 05 23 23-0766	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	199.52	77.59
		For Work In Restricted Working Space, Add	*51.73*	
40 05 23 23-0767	EA	2", Type 316, Schedule 10 Stainless Steel Reducing Tee	212.38	83.37
		For Work In Restricted Working Space, Add	*55.58*	
40 05 23 23-0768	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	277.78	90.86
		For Work In Restricted Working Space, Add	*60.58*	
40 05 23 23-0769	EA	3", Type 316, Schedule 10 Stainless Steel Reducing Tee	280.93	108.91
		For Work In Restricted Working Space, Add	*72.61*	
40 05 23 23-0770	EA	4", Type 316, Schedule 10 Stainless Steel Reducing Tee	372.89	136.13
		For Work In Restricted Working Space, Add	*90.75*	
40 05 23 23-0771	EA	6", Type 316, Schedule 10 Stainless Steel Reducing Tee	508.09	155.54
		For Work In Restricted Working Space, Add	*103.69*	
40 05 23 23-0772	EA	8", Type 316, Schedule 10 Stainless Steel Reducing Tee	934.23	223.16
		For Work In Restricted Working Space, Add	*148.77*	
40 05 23 23-0773	EA	10", Type 316, Schedule 10 Stainless Steel Reducing Tee	1,654.96	297.55
		For Work In Restricted Working Space, Add	*198.37*	
40 05 23 23-0774	EA	12", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,195.98	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-0775	EA	14", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,512.79	536.20
		For Work In Restricted Working Space, Add	*357.46*	
40 05 23 23-0776	EA	16", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,108.17	654.06
		For Work In Restricted Working Space, Add	*436.04*	
40 05 23 23-0777	EA	18", Type 316, Schedule 10 Stainless Steel Reducing Tee	4,009.22	833.12
		For Work In Restricted Working Space, Add	*555.42*	
40 05 23 23-0778	EA	20", Type 316, Schedule 10 Stainless Steel Reducing Tee	5,667.43	1,096.21
		For Work In Restricted Working Space, Add	*730.81*	
40 05 23 23-0779	EA	24", Type 316, Schedule 10 Stainless Steel Reducing Tee	8,846.07	1,664.76
		For Work In Restricted Working Space, Add	*1,109.84*	

40 05 23 23-0780 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0685)*

40 05 23 23-0781	EA	3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	107.46	44.96
		For Work In Restricted Working Space, Add	*29.97*	
40 05 23 23-0782	EA	1", Type 316, Schedule 10 Stainless Steel Concentric Reducer	118.20	48.99
		For Work In Restricted Working Space, Add	*32.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0783	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	131.69	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0784	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	139.26	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0785	EA	2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	152.10	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0786	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	198.01	81.67
		For Work In Restricted Working Space, Add	*54.45*	
40 05 23 23-0787	EA	3", Type 316, Schedule 10 Stainless Steel Concentric Reducer	229.33	92.98
		For Work In Restricted Working Space, Add	*61.99*	
40 05 23 23-0788	EA	4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	255.53	108.96
		For Work In Restricted Working Space, Add	*72.64*	
40 05 23 23-0789	EA	6", Type 316, Schedule 10 Stainless Steel Concentric Reducer	347.14	138.71
		For Work In Restricted Working Space, Add	*92.47*	
40 05 23 23-0790	EA	8", Type 316, Schedule 10 Stainless Steel Concentric Reducer	533.72	214.24
		For Work In Restricted Working Space, Add	*142.82*	
40 05 23 23-0791	EA	10", Type 316, Schedule 10 Stainless Steel Concentric Reducer	685.58	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0792	EA	12", Type 316, Schedule 10 Stainless Steel Concentric Reducer	916.63	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0793	EA	14", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,280.09	468.63
		For Work In Restricted Working Space, Add	*312.42*	
40 05 23 23-0794	EA	16", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,480.45	534.05
		For Work In Restricted Working Space, Add	*356.03*	
40 05 23 23-0795	EA	18", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,837.88	669.47
		For Work In Restricted Working Space, Add	*446.32*	
40 05 23 23-0796	EA	20", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,557.00	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0797	EA	24", Type 316, Schedule 10 Stainless Steel Concentric Reducer	3,744.24	1,338.95
		For Work In Restricted Working Space, Add	*892.64*	
40 05 23 23-0798	EA	3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	121.14	44.96
		For Work In Restricted Working Space, Add	*29.97*	
40 05 23 23-0799	EA	1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	134.45	48.99
		For Work In Restricted Working Space, Add	*32.66*	
40 05 23 23-0800	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	150.95	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0801	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	161.79	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0802	EA	2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	166.01	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0803	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	217.23	81.67
		For Work In Restricted Working Space, Add	*54.45*	
40 05 23 23-0804	EA	3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	249.05	92.98
		For Work In Restricted Working Space, Add	*61.99*	
40 05 23 23-0805	EA	4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	282.26	108.96
		For Work In Restricted Working Space, Add	*72.64*	
40 05 23 23-0806	EA	6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	393.07	138.71
		For Work In Restricted Working Space, Add	*92.47*	
40 05 23 23-0807	EA	8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	633.27	214.24
		For Work In Restricted Working Space, Add	*142.82*	
40 05 23 23-0808	EA	10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	857.02	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0809	EA	12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,094.53	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0810	EA	14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,617.46	468.63
		For Work In Restricted Working Space, Add	*312.42*	
40 05 23 23-0811	EA	16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,888.21	534.05
		For Work In Restricted Working Space, Add	*356.03*	
40 05 23 23-0812	EA	18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,344.50	669.47
		For Work In Restricted Working Space, Add	*446.32*	
40 05 23 23-0813	EA	20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	3,367.24	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0814	EA	24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	4,706.46	1,338.95
		For Work In Restricted Working Space, Add	*892.64*	

40 05 23 23-0815 Type 316, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0685)*

40 05 23 23-0816	EA	1/2", Type 316, Schedule 10 Stainless Steel Cap	59.47	23.28
		For Work In Restricted Working Space, Add	*15.52*	
40 05 23 23-0817	EA	3/4", Type 316, Schedule 10 Stainless Steel Cap	65.28	24.70
		For Work In Restricted Working Space, Add	*16.47*	
40 05 23 23-0818	EA	1", Type 316, Schedule 10 Stainless Steel Cap	71.60	27.15
		For Work In Restricted Working Space, Add	*18.10*	
40 05 23 23-0819	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Cap	78.24	29.60
		For Work In Restricted Working Space, Add	*19.73*	
40 05 23 23-0820	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Cap	84.95	32.68
		For Work In Restricted Working Space, Add	*21.79*	
40 05 23 23-0821	EA	2", Type 316, Schedule 10 Stainless Steel Cap	90.48	36.36
		For Work In Restricted Working Space, Add	*24.24*	
40 05 23 23-0822	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Cap	113.65	46.53
		For Work In Restricted Working Space, Add	*31.02*	
40 05 23 23-0823	EA	3", Type 316, Schedule 10 Stainless Steel Cap	134.21	54.54
		For Work In Restricted Working Space, Add	*36.36*	
40 05 23 23-0824	EA	4", Type 316, Schedule 10 Stainless Steel Cap	160.72	65.28
		For Work In Restricted Working Space, Add	*43.52*	
40 05 23 23-0825	EA	6", Type 316, Schedule 10 Stainless Steel Cap	207.55	81.67
		For Work In Restricted Working Space, Add	*54.45*	
40 05 23 23-0826	EA	8", Type 316, Schedule 10 Stainless Steel Cap	344.31	133.89
		For Work In Restricted Working Space, Add	*89.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0827	EA	10", Type 316, Schedule 10 Stainless Steel Cap	457.26	178.53
		For Work In Restricted Working Space, Add	*119.02*	
40 05 23 23-0828	EA	12", Type 316, Schedule 10 Stainless Steel Cap	676.23	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0829	EA	14", Type 316, Schedule 10 Stainless Steel Cap	787.04	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-0830	EA	16", Type 316, Schedule 10 Stainless Steel Cap	903.34	356.37
		For Work In Restricted Working Space, Add	*237.59*	
40 05 23 23-0831	EA	18", Type 316, Schedule 10 Stainless Steel Cap	1,136.92	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-0832	EA	20", Type 316, Schedule 10 Stainless Steel Cap	1,578.85	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-0833	EA	24", Type 316, Schedule 10 Stainless Steel Cap	2,356.73	892.63
		For Work In Restricted Working Space, Add	*595.09*	

40 05 23 23-0834 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0835 Type 316, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0834)*

40 05 23 23-0836	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	20.07	4.09
		For Work In Restricted Working Space, Add	*2.45*	
40 05 23 23-0837	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	24.36	5.00
		For Work In Restricted Working Space, Add	*2.99*	
40 05 23 23-0838	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	29.97	5.90
		For Work In Restricted Working Space, Add	*3.51*	
40 05 23 23-0839	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	37.47	7.26
		For Work In Restricted Working Space, Add	*4.39*	
40 05 23 23-0840	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	43.24	8.17
		For Work In Restricted Working Space, Add	*4.95*	
40 05 23 23-0841	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	55.57	10.44
		For Work In Restricted Working Space, Add	*6.13*	
40 05 23 23-0842	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	69.41	11.80
		For Work In Restricted Working Space, Add	*7.01*	
40 05 23 23-0843	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	66.84	13.16
		For Work In Restricted Working Space, Add	*7.89*	
40 05 23 23-0844	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	113.12	15.43
		For Work In Restricted Working Space, Add	*9.34*	
40 05 23 23-0845	LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	177.86	20.42
		For Work In Restricted Working Space, Add	*12.26*	
40 05 23 23-0846	LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	310.56	35.18
		For Work In Restricted Working Space, Add	*22.72*	
40 05 23 23-0847	LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	396.41	38.88
		For Work In Restricted Working Space, Add	*24.99*	
40 05 23 23-0848	LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	496.99	43.05
		For Work In Restricted Working Space, Add	*27.77*	

40 05 23 23-0849 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0834)*

40 05 23 23-0850	EA	1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	108.19	46.55
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-0851	EA	3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	114.55	49.42
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-0852	EA	1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	126.14	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0853	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	137.41	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0854	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	151.58	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0855	EA	2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	170.39	72.71
		For Work In Restricted Working Space, Add	*48.48*	
40 05 23 23-0856	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	224.94	93.06
		For Work In Restricted Working Space, Add	*62.04*	
40 05 23 23-0857	EA	3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	265.96	109.07
		For Work In Restricted Working Space, Add	*72.71*	
40 05 23 23-0858	EA	4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	333.42	130.55
		For Work In Restricted Working Space, Add	*87.04*	
40 05 23 23-0859	EA	6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	494.76	163.08
		For Work In Restricted Working Space, Add	*108.72*	
40 05 23 23-0860	EA	8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	843.90	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0861	EA	10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,336.88	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0862	EA	12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,919.70	535.57
		For Work In Restricted Working Space, Add	*357.05*	
40 05 23 23-0863	EA	14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,160.42	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-0864	EA	16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,597.85	712.75
		For Work In Restricted Working Space, Add	*475.17*	
40 05 23 23-0865	EA	18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,307.62	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0866	EA	20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	4,490.51	1,249.69
		For Work In Restricted Working Space, Add	*833.12*	
40 05 23 23-0867	EA	24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	6,502.19	1,785.27
		For Work In Restricted Working Space, Add	*1,190.18*	

40 05 23 23-0868 Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0834)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0869	EA	1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	109.95	46.55
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-0870	EA	3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	116.31	49.42
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-0871	EA	1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	127.19	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0872	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	137.92	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0873	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	152.63	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0874	EA	2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	170.39	72.71
		For Work In Restricted Working Space, Add	*48.48*	
40 05 23 23-0875	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	224.94	93.06
		For Work In Restricted Working Space, Add	*62.04*	
40 05 23 23-0876	EA	3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	259.10	109.07
		For Work In Restricted Working Space, Add	*72.71*	
40 05 23 23-0877	EA	4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	320.39	130.55
		For Work In Restricted Working Space, Add	*87.04*	
40 05 23 23-0878	EA	6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	441.26	163.08
		For Work In Restricted Working Space, Add	*108.72*	
40 05 23 23-0879	EA	8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	749.63	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0880	EA	10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,119.63	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0881	EA	12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,628.87	535.57
		For Work In Restricted Working Space, Add	*357.05*	
40 05 23 23-0882	EA	14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,859.42	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-0883	EA	16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,104.02	712.75
		For Work In Restricted Working Space, Add	*475.17*	
40 05 23 23-0884	EA	18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,692.84	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0885	EA	20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	3,679.55	1,249.69
		For Work In Restricted Working Space, Add	*833.12*	
40 05 23 23-0886	EA	24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	5,419.19	1,785.27
		For Work In Restricted Working Space, Add	*1,190.18*	

40 05 23 23-0887 Type 316, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0834)*

40 05 23 23-0888	EA	1/2", Type 316, Schedule 40 Stainless Steel Tee	144.51	59.17
		For Work In Restricted Working Space, Add	*39.45*	
40 05 23 23-0889	EA	3/4", Type 316, Schedule 40 Stainless Steel Tee	174.43	72.63
		For Work In Restricted Working Space, Add	*48.42*	
40 05 23 23-0890	EA	1", Type 316, Schedule 40 Stainless Steel Tee	194.37	81.61
		For Work In Restricted Working Space, Add	*54.41*	
40 05 23 23-0891	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Tee	223.32	93.06
		For Work In Restricted Working Space, Add	*62.04*	
40 05 23 23-0892	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Tee	235.01	99.89
		For Work In Restricted Working Space, Add	*66.60*	
40 05 23 23-0893	EA	2", Type 316, Schedule 40 Stainless Steel Tee	256.21	108.96
		For Work In Restricted Working Space, Add	*72.64*	
40 05 23 23-0894	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Tee	316.10	130.55
		For Work In Restricted Working Space, Add	*87.04*	
40 05 23 23-0895	EA	3", Type 316, Schedule 40 Stainless Steel Tee	391.73	163.61
		For Work In Restricted Working Space, Add	*109.07*	
40 05 23 23-0896	EA	4", Type 316, Schedule 40 Stainless Steel Tee	450.29	183.62
		For Work In Restricted Working Space, Add	*122.42*	
40 05 23 23-0897	EA	6", Type 316, Schedule 40 Stainless Steel Tee	683.98	244.82
		For Work In Restricted Working Space, Add	*163.22*	
40 05 23 23-0898	EA	8", Type 316, Schedule 40 Stainless Steel Tee	1,138.26	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0899	EA	10", Type 316, Schedule 40 Stainless Steel Tee	1,879.97	535.57
		For Work In Restricted Working Space, Add	*357.05*	
40 05 23 23-0900	EA	12", Type 316, Schedule 40 Stainless Steel Tee	2,317.80	669.47
		For Work In Restricted Working Space, Add	*446.32*	
40 05 23 23-0901	EA	14", Type 316, Schedule 40 Stainless Steel Tee	3,235.74	804.52
		For Work In Restricted Working Space, Add	*536.35*	
40 05 23 23-0902	EA	16", Type 316, Schedule 40 Stainless Steel Tee	4,000.89	981.43
		For Work In Restricted Working Space, Add	*654.29*	
40 05 23 23-0903	EA	18", Type 316, Schedule 40 Stainless Steel Tee	5,170.33	1,249.69
		For Work In Restricted Working Space, Add	*833.12*	
40 05 23 23-0904	EA	20", Type 316, Schedule 40 Stainless Steel Tee	6,728.61	1,644.33
		For Work In Restricted Working Space, Add	*1,096.22*	
40 05 23 23-0905	EA	24", Type 316, Schedule 40 Stainless Steel Tee	9,718.05	2,499.37
		For Work In Restricted Working Space, Add	*1,666.25*	

40 05 23 23-0906 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0834)*

40 05 23 23-0907	EA	3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	135.90	49.43
		For Work In Restricted Working Space, Add	*32.96*	
40 05 23 23-0908	EA	1", Type 316, Schedule 40 Stainless Steel Reducing Tee	160.66	60.57
		For Work In Restricted Working Space, Add	*40.38*	
40 05 23 23-0909	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	204.75	68.06
		For Work In Restricted Working Space, Add	*45.38*	
40 05 23 23-0910	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	204.98	77.59
		For Work In Restricted Working Space, Add	*51.73*	
40 05 23 23-0911	EA	2", Type 316, Schedule 40 Stainless Steel Reducing Tee	212.38	83.37
		For Work In Restricted Working Space, Add	*55.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0912	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	278.83	90.86
		For Work In Restricted Working Space, Add	*60.58*	
40 05 23 23-0913	EA	3", Type 316, Schedule 40 Stainless Steel Reducing Tee	288.49	108.91
		For Work In Restricted Working Space, Add	*72.61*	
40 05 23 23-0914	EA	4", Type 316, Schedule 40 Stainless Steel Reducing Tee	380.46	136.13
		For Work In Restricted Working Space, Add	*90.75*	
40 05 23 23-0915	EA	6", Type 316, Schedule 40 Stainless Steel Reducing Tee	512.84	155.54
		For Work In Restricted Working Space, Add	*103.69*	
40 05 23 23-0916	EA	8", Type 316, Schedule 40 Stainless Steel Reducing Tee	840.71	223.16
		For Work In Restricted Working Space, Add	*148.77*	
40 05 23 23-0917	EA	10", Type 316, Schedule 40 Stainless Steel Reducing Tee	1,678.35	297.55
		For Work In Restricted Working Space, Add	*198.37*	
40 05 23 23-0918	EA	12", Type 316, Schedule 40 Stainless Steel Reducing Tee	2,242.74	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-0919	EA	14", Type 316, Schedule 40 Stainless Steel Reducing Tee	2,564.09	536.20
		For Work In Restricted Working Space, Add	*357.46*	
40 05 23 23-0920	EA	16", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,172.43	654.06
		For Work In Restricted Working Space, Add	*436.04*	
40 05 23 23-0921	EA	18", Type 316, Schedule 40 Stainless Steel Reducing Tee	4,093.01	833.12
		For Work In Restricted Working Space, Add	*555.42*	
40 05 23 23-0922	EA	20", Type 316, Schedule 40 Stainless Steel Reducing Tee	5,792.92	1,096.21
		For Work In Restricted Working Space, Add	*730.81*	
40 05 23 23-0923	EA	24", Type 316, Schedule 40 Stainless Steel Reducing Tee	9,045.93	1,664.76
		For Work In Restricted Working Space, Add	*1,109.84*	

40 05 23 23-0924 Type 316, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0834)*

40 05 23 23-0925	EA	3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	110.27	44.96
		For Work In Restricted Working Space, Add	*29.97*	
40 05 23 23-0926	EA	1", Type 316, Schedule 40 Stainless Steel Concentric Reducer	121.01	48.99
		For Work In Restricted Working Space, Add	*32.66*	
40 05 23 23-0927	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	132.97	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0928	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	142.43	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0929	EA	2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	154.04	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0930	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	204.20	81.67
		For Work In Restricted Working Space, Add	*54.45*	
40 05 23 23-0931	EA	3", Type 316, Schedule 40 Stainless Steel Concentric Reducer	222.47	92.98
		For Work In Restricted Working Space, Add	*61.99*	
40 05 23 23-0932	EA	4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	257.97	108.96
		For Work In Restricted Working Space, Add	*72.64*	
40 05 23 23-0933	EA	6", Type 316, Schedule 40 Stainless Steel Concentric Reducer	348.37	138.71
		For Work In Restricted Working Space, Add	*92.47*	
40 05 23 23-0934	EA	8", Type 316, Schedule 40 Stainless Steel Concentric Reducer	570.55	214.24
		For Work In Restricted Working Space, Add	*142.82*	
40 05 23 23-0935	EA	10", Type 316, Schedule 40 Stainless Steel Concentric Reducer	754.95	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0936	EA	12", Type 316, Schedule 40 Stainless Steel Concentric Reducer	966.43	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0937	EA	14", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,374.95	468.63
		For Work In Restricted Working Space, Add	*312.42*	
40 05 23 23-0938	EA	16", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,581.40	534.05
		For Work In Restricted Working Space, Add	*356.03*	
40 05 23 23-0939	EA	18", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,090.05	669.47
		For Work In Restricted Working Space, Add	*446.32*	
40 05 23 23-0940	EA	20", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,826.73	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0941	EA	24", Type 316, Schedule 40 Stainless Steel Concentric Reducer	4,084.84	1,338.95
		For Work In Restricted Working Space, Add	*892.64*	
40 05 23 23-0942	EA	3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	130.16	44.96
		For Work In Restricted Working Space, Add	*29.97*	
40 05 23 23-0943	EA	1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	139.14	48.99
		For Work In Restricted Working Space, Add	*32.66*	
40 05 23 23-0944	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	160.10	54.30
		For Work In Restricted Working Space, Add	*36.20*	
40 05 23 23-0945	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	167.25	59.18
		For Work In Restricted Working Space, Add	*39.46*	
40 05 23 23-0946	EA	2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	180.44	65.36
		For Work In Restricted Working Space, Add	*43.57*	
40 05 23 23-0947	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	217.23	81.67
		For Work In Restricted Working Space, Add	*54.45*	
40 05 23 23-0948	EA	3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	273.33	92.98
		For Work In Restricted Working Space, Add	*61.99*	
40 05 23 23-0949	EA	4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	301.62	108.96
		For Work In Restricted Working Space, Add	*72.64*	
40 05 23 23-0950	EA	6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	420.00	138.71
		For Work In Restricted Working Space, Add	*92.47*	
40 05 23 23-0951	EA	8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	624.15	214.24
		For Work In Restricted Working Space, Add	*142.82*	
40 05 23 23-0952	EA	10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	872.80	267.80
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0953	EA	12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,202.12	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-0954	EA	14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,770.94	468.63
		For Work In Restricted Working Space, Add	*312.42*	
40 05 23 23-0955	EA	16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,037.28	534.05
		For Work In Restricted Working Space, Add	*356.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0956	EA	18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,713.23	669.47
		For Work In Restricted Working Space, Add	*446.32*	
40 05 23 23-0957	EA	20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	3,504.75	892.64
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0958	EA	24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	5,254.60	1,338.95
		For Work In Restricted Working Space, Add	*892.64*	
40 05 23 23-0959		Type 316, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0834)*		
40 05 23 23-0960	EA	1/2", Type 316, Schedule 40 Stainless Steel Cap	59.83	23.28
		For Work In Restricted Working Space, Add	*15.52*	
40 05 23 23-0961	EA	3/4", Type 316, Schedule 40 Stainless Steel Cap	65.11	24.70
		For Work In Restricted Working Space, Add	*16.47*	
40 05 23 23-0962	EA	1", Type 316, Schedule 40 Stainless Steel Cap	71.96	27.15
		For Work In Restricted Working Space, Add	*18.10*	
40 05 23 23-0963	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Cap	81.50	29.60
		For Work In Restricted Working Space, Add	*19.73*	
40 05 23 23-0964	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Cap	82.31	32.68
		For Work In Restricted Working Space, Add	*21.79*	
40 05 23 23-0965	EA	2", Type 316, Schedule 40 Stainless Steel Cap	92.94	36.36
		For Work In Restricted Working Space, Add	*24.24*	
40 05 23 23-0966	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Cap	116.85	46.53
		For Work In Restricted Working Space, Add	*31.02*	
40 05 23 23-0967	EA	3", Type 316, Schedule 40 Stainless Steel Cap	134.74	54.54
		For Work In Restricted Working Space, Add	*36.36*	
40 05 23 23-0968	EA	4", Type 316, Schedule 40 Stainless Steel Cap	164.60	65.28
		For Work In Restricted Working Space, Add	*43.52*	
40 05 23 23-0969	EA	6", Type 316, Schedule 40 Stainless Steel Cap	223.74	81.67
		For Work In Restricted Working Space, Add	*54.45*	
40 05 23 23-0970	EA	8", Type 316, Schedule 40 Stainless Steel Cap	374.73	133.89
		For Work In Restricted Working Space, Add	*89.27*	
40 05 23 23-0971	EA	10", Type 316, Schedule 40 Stainless Steel Cap	502.02	178.53
		For Work In Restricted Working Space, Add	*119.02*	
40 05 23 23-0972	EA	12", Type 316, Schedule 40 Stainless Steel Cap	749.43	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-0973	EA	14", Type 316, Schedule 40 Stainless Steel Cap	857.98	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-0974	EA	16", Type 316, Schedule 40 Stainless Steel Cap	966.89	356.37
		For Work In Restricted Working Space, Add	*237.59*	
40 05 23 23-0975	EA	18", Type 316, Schedule 40 Stainless Steel Cap	1,229.97	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-0976	EA	20", Type 316, Schedule 40 Stainless Steel Cap	1,695.99	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-0977	EA	24", Type 316, Schedule 40 Stainless Steel Cap	2,584.84	892.63
		For Work In Restricted Working Space, Add	*595.09*	
40 05 23 23-0978		Valves *(40 05 23 23-0231)*		
40 05 23 23-0979		Gate Valves, Class 150 *(40 05 23 23-0978)*		
40 05 23 23-0980	EA	1/2" Gate Valve, Stainless Steel, Flanged	490.06	46.72
		For Work In Restricted Working Space, Add	*17.52*	
		For Class 200, Deduct	*-115.47*	
		For Class 300, Add	*405.76*	
40 05 23 23-0981	EA	3/4" Gate Valve, Stainless Steel, Flanged	532.77	48.66
		For Work In Restricted Working Space, Add	*20.44*	
		For Class 200, Deduct	*-124.29*	
		For Class 300, Add	*436.76*	
40 05 23 23-0982	EA	1" Gate Valve, Stainless Steel, Flanged	657.16	73.00
		For Work In Restricted Working Space, Add	*27.55*	
		For Class 200, Deduct	*-151.23*	
		For Class 300, Add	*531.42*	
40 05 23 23-0983	EA	1-1/4" Gate Valve, Stainless Steel, Flanged	827.88	85.16
		For Work In Restricted Working Space, Add	*31.74*	
		For Class 200, Deduct	*-193.16*	
		For Class 300, Add	*678.76*	
40 05 23 23-0984	EA	1-1/2" Gate Valve, Stainless Steel, Flanged	934.45	107.20
		For Work In Restricted Working Space, Add	*40.20*	
		For Class 200, Deduct	*-214.12*	
		For Class 300, Add	*752.42*	
40 05 23 23-0985	EA	2" Gate Valve, Stainless Steel, Flanged	1,109.48	129.73
		For Work In Restricted Working Space, Add	*48.66*	
		For Class 200, Deduct	*-253.39*	
		For Class 300, Add	*890.43*	
40 05 23 23-0986	EA	2-1/2" Gate Valve, Stainless Steel, Flanged	1,590.21	141.12
		For Work In Restricted Working Space, Add	*53.09*	
		For Class 300, Add	*1,328.46*	
40 05 23 23-0987	EA	3" Gate Valve, Stainless Steel, Flanged	1,791.57	165.45
		For Work In Restricted Working Space, Add	*62.12*	
		For Class 300, Add	*1,489.43*	
40 05 23 23-0988	EA	4" Gate Valve, Stainless Steel, Flanged	2,374.53	277.37
		For Work In Restricted Working Space, Add	*104.27*	
		For Class 300, Add	*1,905.33*	
40 05 23 23-0989	EA	6" Gate Valve, Stainless Steel, Flanged	3,962.85	350.36
		For Work In Restricted Working Space, Add	*131.86*	
		For Class 300, Add	*3,311.93*	
40 05 23 23-0990	EA	8" Gate Valve, Stainless Steel, Flanged	8,618.90	447.69
		For Work In Restricted Working Space, Add	*166.84*	
		For Class 300, Add	*7,579.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0991	EA	10" Gate Valve, Stainless Steel, Flanged	12,140.08	545.01
		For Work In Restricted Working Space, Add	*204.38*	
		For Class 300, Add	*10,771.29*	
40 05 23 23-0992	EA	12" Gate Valve, Stainless Steel, Flanged	18,264.70	661.80
		For Work In Restricted Working Space, Add	*247.73*	
		For Class 300, Add	*16,392.59*	

40 05 23 23-0993 Globe Valves, Class 150 *(40 05 23 23-0978)*

40 05 23 23-0994	EA	1/2" Globe Valve, Stainless Steel, Flanged	668.18	46.72
		For Work In Restricted Working Space, Add	*17.52*	
		For Class 200, Deduct	*-163.12*	
		For Class 300, Add	*573.19*	
40 05 23 23-0995	EA	3/4" Globe Valve, Stainless Steel, Flanged	739.76	48.66
		For Work In Restricted Working Space, Add	*20.44*	
		For Class 200, Deduct	*-179.66*	
		For Class 300, Add	*631.33*	
40 05 23 23-0996	EA	1" Globe Valve, Stainless Steel, Flanged	922.52	73.00
		For Work In Restricted Working Space, Add	*27.55*	
		For Class 200, Deduct	*-222.21*	
		For Class 300, Add	*780.86*	
40 05 23 23-0997	EA	1-1/2" Globe Valve, Stainless Steel, Flanged	1,371.22	107.20
		For Work In Restricted Working Space, Add	*40.20*	
		For Class 200, Deduct	*-330.96*	
		For Class 300, Add	*1,162.99*	
40 05 23 23-0998	EA	2" Globe Valve, Stainless Steel, Flanged	1,673.40	129.73
		For Work In Restricted Working Space, Add	*48.66*	
		For Class 200, Deduct	*-404.24*	
		For Class 300, Add	*1,420.52*	
40 05 23 23-0999	EA	2-1/2" Globe Valve, Stainless Steel, Flanged	3,358.41	141.12
		For Work In Restricted Working Space, Add	*53.09*	
		For Class 300, Add	*2,990.56*	
40 05 23 23-1000	EA	3" Globe Valve, Stainless Steel, Flanged	3,476.89	165.45
		For Work In Restricted Working Space, Add	*62.12*	
		For Class 300, Add	*3,073.63*	
40 05 23 23-1001	EA	4" Globe Valve, Stainless Steel, Flanged	4,147.63	277.37
		For Work In Restricted Working Space, Add	*104.27*	
		For Class 300, Add	*3,572.05*	
40 05 23 23-1002	EA	6" Globe Valve, Stainless Steel, Flanged	7,641.95	350.36
		For Work In Restricted Working Space, Add	*131.86*	
		For Class 300, Add	*6,770.28*	

40 05 23 23-1003 Check Valves, Class 150 *(40 05 23 23-0978)*

40 05 23 23-1004	EA	2-1/2" Check Valve, Stainless Steel, Flanged	1,522.39	141.12
		For Work In Restricted Working Space, Add	*53.09*	
		For Class 300, Add	*1,264.70*	
40 05 23 23-1005	EA	3" Check Valve, Stainless Steel, Flanged	1,594.45	165.45
		For Work In Restricted Working Space, Add	*62.12*	
		For Class 300, Add	*1,304.14*	
40 05 23 23-1006	EA	4" Check Valve, Stainless Steel, Flanged	2,506.76	277.37
		For Work In Restricted Working Space, Add	*104.27*	
		For Class 300, Add	*2,029.63*	
40 05 23 23-1007	EA	6" Check Valve, Stainless Steel, Flanged	4,298.48	350.36
		For Work In Restricted Working Space, Add	*131.86*	
		For Class 300, Add	*3,627.42*	
40 05 23 23-1008	EA	8" Check Valve, Stainless Steel, Flanged	7,539.00	447.69
		For Work In Restricted Working Space, Add	*166.84*	
		For Class 300, Add	*6,563.90*	

40 05 23 23-1009 Stainless Steel Thread-O-Let Fittings *(40 05 23 23-0231)*

40 05 23 23-1010	EA	1/2", Stainless Steel Thread-o-let Fitting	72.04	28.25
		For Work In Restricted Working Space, Add	*18.84*	
40 05 23 23-1011	EA	3/4", Stainless Steel Thread-o-let Fitting	95.29	37.67
		For Work In Restricted Working Space, Add	*25.12*	
40 05 23 23-1012	EA	1", Stainless Steel Thread-o-let Fitting	117.59	46.72
		For Work In Restricted Working Space, Add	*31.15*	
40 05 23 23-1013	EA	1-1/4", Stainless Steel Thread-o-let Fitting	168.27	66.10
		For Work In Restricted Working Space, Add	*44.07*	
40 05 23 23-1014	EA	1-1/2", Stainless Steel Thread-o-let Fitting	187.03	74.54
		For Work In Restricted Working Space, Add	*49.70*	
40 05 23 23-1015	EA	2", Stainless Steel Thread-o-let Fitting	234.78	94.69
		For Work In Restricted Working Space, Add	*63.13*	
40 05 23 23-1016	EA	2-1/2", Stainless Steel Thread-o-let Fitting	406.05	145.98
		For Work In Restricted Working Space, Add	*97.33*	
40 05 23 23-1017	EA	3", Stainless Steel Thread-o-let Fitting	538.59	186.36
		For Work In Restricted Working Space, Add	*124.24*	
40 05 23 23-1018	EA	4", Stainless Steel Thread-o-let Fitting	703.15	233.57
		For Work In Restricted Working Space, Add	*155.72*	

40 05 23 23-1019 Stainless Steel Flanges *(40 05 23 23-0231)*

40 05 23 23-1020 150#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*

40 05 23 23-1021	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	47.31	15.69
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-1022	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	59.54	20.93
		For Work In Restricted Working Space, Add	*12.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1023	EA	1", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	71.71	25.95
		For Work In Restricted Working Space, Add	*15.57*	
40 05 23 23-1024	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	98.56	36.73
		For Work In Restricted Working Space, Add	*22.04*	
40 05 23 23-1025	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	107.94	41.41
		For Work In Restricted Working Space, Add	*24.85*	
40 05 23 23-1026	EA	2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	138.12	52.60
		For Work In Restricted Working Space, Add	*31.57*	
40 05 23 23-1027	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	208.18	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-1028	EA	3", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	255.16	165.45
		For Work In Restricted Working Space, Add	*62.12*	
40 05 23 23-1029	EA	4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	325.30	129.73
		For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-1030 300#, Type 304 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*

40 05 23 23-1031	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	56.51	15.69
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-1032	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	66.97	20.93
		For Work In Restricted Working Space, Add	*12.56*	
40 05 23 23-1033	EA	1", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	77.01	25.95
		For Work In Restricted Working Space, Add	*15.57*	
40 05 23 23-1034	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	112.01	36.73
		For Work In Restricted Working Space, Add	*22.04*	
40 05 23 23-1035	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	121.39	41.41
		For Work In Restricted Working Space, Add	*24.85*	
40 05 23 23-1036	EA	2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	151.90	52.60
		For Work In Restricted Working Space, Add	*31.57*	
40 05 23 23-1037	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	238.95	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-1038	EA	3", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	286.63	165.45
		For Work In Restricted Working Space, Add	*62.12*	
40 05 23 23-1039	EA	4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	373.75	129.73
		For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-1040 150#, Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

40 05 23 23-1041	EA	1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	67.64	23.27
		For Work In Restricted Working Space, Add	*15.52*	
40 05 23 23-1042	EA	3/4", 150#, Type 304 Stainless Steel Weld Neck Flange	72.58	24.70
		For Work In Restricted Working Space, Add	*16.47*	
40 05 23 23-1043	EA	1", 150#, Type 304 Stainless Steel Weld Neck Flange	80.85	27.15
		For Work In Restricted Working Space, Add	*18.11*	
40 05 23 23-1044	EA	1-1/4", 150#, Type 304 Stainless Steel Weld Neck Flange	95.18	29.61
		For Work In Restricted Working Space, Add	*19.75*	
40 05 23 23-1045	EA	1-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	101.91	32.65
		For Work In Restricted Working Space, Add	*21.77*	
40 05 23 23-1046	EA	2", 150#, Type 304 Stainless Steel Weld Neck Flange	113.35	36.37
		For Work In Restricted Working Space, Add	*24.24*	
40 05 23 23-1047	EA	2-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	152.50	46.50
		For Work In Restricted Working Space, Add	*31.00*	
40 05 23 23-1048	EA	3", 150#, Type 304 Stainless Steel Weld Neck Flange	174.74	54.44
		For Work In Restricted Working Space, Add	*36.30*	
40 05 23 23-1049	EA	4", 150#, Type 304 Stainless Steel Weld Neck Flange	219.94	65.23
		For Work In Restricted Working Space, Add	*43.49*	
40 05 23 23-1050	EA	6", 150#, Type 304 Stainless Steel Weld Neck Flange	310.55	81.50
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-1051	EA	8", 150#, Type 304 Stainless Steel Weld Neck Flange	516.78	133.89
		For Work In Restricted Working Space, Add	*89.27*	
40 05 23 23-1052	EA	10", 150#, Type 304 Stainless Steel Weld Neck Flange	720.26	178.52
		For Work In Restricted Working Space, Add	*119.02*	
40 05 23 23-1053	EA	12", 150#, Type 304 Stainless Steel Weld Neck Flange	1,100.02	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-1054	EA	14", 150#, Type 304 Stainless Steel Weld Neck Flange	1,350.43	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-1055	EA	16", 150#, Type 304 Stainless Steel Weld Neck Flange	1,648.19	356.37
		For Work In Restricted Working Space, Add	*237.59*	
40 05 23 23-1056	EA	18", 150#, Type 304 Stainless Steel Weld Neck Flange	2,031.98	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-1057	EA	20", 150#, Type 304 Stainless Steel Weld Neck Flange	2,684.42	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-1058	EA	24", 150#, Type 304 Stainless Steel Weld Neck Flange	3,820.01	892.63
		For Work In Restricted Working Space, Add	*595.09*	

40 05 23 23-1059 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

40 05 23 23-1060	EA	1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	78.61	23.27
		For Work In Restricted Working Space, Add	*15.52*	
40 05 23 23-1061	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	81.78	24.70
		For Work In Restricted Working Space, Add	*16.47*	
40 05 23 23-1062	EA	1" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	87.23	27.15
		For Work In Restricted Working Space, Add	*18.11*	
40 05 23 23-1063	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	107.54	29.61
		For Work In Restricted Working Space, Add	*19.75*	
40 05 23 23-1064	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	114.27	32.65
		For Work In Restricted Working Space, Add	*21.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1065	EA	2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	123.96	36.37
		For Work In Restricted Working Space, Add	*24.24*	
40 05 23 23-1066	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	170.88	46.50
		For Work In Restricted Working Space, Add	*31.00*	
40 05 23 23-1067	EA	3" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	195.25	54.44
		For Work In Restricted Working Space, Add	*36.30*	
40 05 23 23-1068	EA	4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	268.02	65.23
		For Work In Restricted Working Space, Add	*43.49*	
40 05 23 23-1069	EA	6" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	365.00	81.50
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-1070	EA	8" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	652.56	133.89
		For Work In Restricted Working Space, Add	*89.27*	
40 05 23 23-1071	EA	10" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	899.54	178.52
		For Work In Restricted Working Space, Add	*119.02*	
40 05 23 23-1072	EA	12" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,327.75	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-1073	EA	14" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,710.43	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-1074	EA	16" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	2,078.71	356.37
		For Work In Restricted Working Space, Add	*237.59*	
40 05 23 23-1075	EA	18" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	2,645.01	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-1076	EA	20" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	3,468.77	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-1077	EA	24" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	5,031.40	892.63
		For Work In Restricted Working Space, Add	*595.09*	

40 05 23 23-1078 150#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1079	EA	1/2", 150#, Type 304 Stainless Steel Slip-On Flange	117.58	46.54
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-1080	EA	3/4", 150#, Type 304 Stainless Steel Slip-On Flange	124.30	49.41
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-1081	EA	1", 150#, Type 304 Stainless Steel Slip-On Flange	136.60	54.30
		For Work In Restricted Working Space, Add	*36.21*	
40 05 23 23-1082	EA	1-1/4", 150#, Type 304 Stainless Steel Slip-On Flange	153.20	59.23
		For Work In Restricted Working Space, Add	*39.49*	
40 05 23 23-1083	EA	1-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	166.66	65.28
		For Work In Restricted Working Space, Add	*43.53*	
40 05 23 23-1084	EA	2", 150#, Type 304 Stainless Steel Slip-On Flange	189.58	72.72
		For Work In Restricted Working Space, Add	*48.49*	
40 05 23 23-1085	EA	2-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	245.93	93.00
		For Work In Restricted Working Space, Add	*62.00*	
40 05 23 23-1086	EA	3", 150#, Type 304 Stainless Steel Slip-On Flange	284.07	108.89
		For Work In Restricted Working Space, Add	*72.59*	
40 05 23 23-1087	EA	4", 150#, Type 304 Stainless Steel Slip-On Flange	347.22	130.47
		For Work In Restricted Working Space, Add	*86.98*	
40 05 23 23-1088	EA	6", 150#, Type 304 Stainless Steel Slip-On Flange	449.60	163.00
		For Work In Restricted Working Space, Add	*108.68*	
40 05 23 23-1089	EA	8", 150#, Type 304 Stainless Steel Slip-On Flange	760.23	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-1090	EA	10" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,049.81	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-1091	EA	12" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,568.88	535.57
		For Work In Restricted Working Space, Add	*357.05*	

40 05 23 23-1092 300#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1093	EA	1/2" 300#, Type 304 Stainless Steel Raised Neck Slip-On Flange	124.66	46.54
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-1094	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	131.02	49.41
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-1095	EA	1" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	141.91	54.30
		For Work In Restricted Working Space, Add	*36.21*	
40 05 23 23-1096	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	164.17	59.23
		For Work In Restricted Working Space, Add	*39.49*	
40 05 23 23-1097	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	177.63	65.28
		For Work In Restricted Working Space, Add	*43.53*	
40 05 23 23-1098	EA	2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	196.99	72.72
		For Work In Restricted Working Space, Add	*48.49*	
40 05 23 23-1099	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	273.52	93.00
		For Work In Restricted Working Space, Add	*62.00*	
40 05 23 23-1100	EA	3" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	311.65	108.89
		For Work In Restricted Working Space, Add	*72.59*	
40 05 23 23-1101	EA	4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	385.40	130.47
		For Work In Restricted Working Space, Add	*86.98*	
40 05 23 23-1102	EA	6" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	557.44	163.00
		For Work In Restricted Working Space, Add	*108.68*	
40 05 23 23-1103	EA	8" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	869.13	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-1104	EA	10" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,225.20	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-1105	EA	12" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,794.48	535.57
		For Work In Restricted Working Space, Add	*357.05*	

40 05 23 23-1106 150#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1107	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	35.78	9.30
		For Work In Restricted Working Space, Add	*6.21*	
40 05 23 23-1108	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	37.51	9.87
		For Work In Restricted Working Space, Add	*6.59*	
40 05 23 23-1109	EA	1", 150#, Type 304 Stainless Steel Raised Face Blind Flange	40.77	10.86
		For Work In Restricted Working Space, Add	*7.24*	
40 05 23 23-1110	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	50.56	12.09
		For Work In Restricted Working Space, Add	*8.06*	
40 05 23 23-1111	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	60.00	16.33
		For Work In Restricted Working Space, Add	*10.89*	
40 05 23 23-1112	EA	2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	69.65	18.13
		For Work In Restricted Working Space, Add	*12.09*	
40 05 23 23-1113	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	93.54	23.32
		For Work In Restricted Working Space, Add	*15.55*	
40 05 23 23-1114	EA	3", 150#, Type 304 Stainless Steel Raised Face Blind Flange	118.57	32.67
		For Work In Restricted Working Space, Add	*21.78*	
40 05 23 23-1115	EA	4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	185.33	54.43
		For Work In Restricted Working Space, Add	*36.29*	
40 05 23 23-1116	EA	6", 150#, Type 304 Stainless Steel Raised Face Blind Flange	249.60	69.99
		For Work In Restricted Working Space, Add	*46.66*	
40 05 23 23-1117	EA	8", 150#, Type 304 Stainless Steel Raised Face Blind Flange	357.35	83.31
		For Work In Restricted Working Space, Add	*55.54*	
40 05 23 23-1118	EA	10", 150#, Type 304 Stainless Steel Raised Face Blind Flange	521.32	99.98
		For Work In Restricted Working Space, Add	*66.65*	
40 05 23 23-1119	EA	12", 150#, Type 304 Stainless Steel Raised Face Blind Flange	682.58	124.97
		For Work In Restricted Working Space, Add	*83.31*	
40 05 23 23-1120	EA	14", 150#, Type 304 Stainless Steel Raised Face Blind Flange	865.05	156.21
		For Work In Restricted Working Space, Add	*104.14*	
40 05 23 23-1121	EA	16", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,092.76	178.18
		For Work In Restricted Working Space, Add	*118.79*	
40 05 23 23-1122	EA	18", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,304.47	223.16
		For Work In Restricted Working Space, Add	*148.77*	
40 05 23 23-1123	EA	20", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,748.75	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-1124	EA	24", 150#, Type 304 Stainless Steel Raised Face Blind Flange	2,538.14	446.31
		For Work In Restricted Working Space, Add	*297.55*	

40 05 23 23-1125 300#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1126	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	42.98	9.30
		For Work In Restricted Working Space, Add	*6.21*	
40 05 23 23-1127	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	44.25	9.87
		For Work In Restricted Working Space, Add	*6.59*	
40 05 23 23-1128	EA	1", 300#, Type 304 Stainless Steel Raised Face Blind Flange	46.43	10.86
		For Work In Restricted Working Space, Add	*7.24*	
40 05 23 23-1129	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	57.27	12.09
		For Work In Restricted Working Space, Add	*8.06*	
40 05 23 23-1130	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	66.71	16.33
		For Work In Restricted Working Space, Add	*10.89*	
40 05 23 23-1131	EA	2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	73.19	18.13
		For Work In Restricted Working Space, Add	*12.09*	
40 05 23 23-1132	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	118.29	23.32
		For Work In Restricted Working Space, Add	*15.55*	
40 05 23 23-1133	EA	3", 300#, Type 304 Stainless Steel Raised Face Blind Flange	141.73	32.67
		For Work In Restricted Working Space, Add	*21.78*	
40 05 23 23-1134	EA	4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	214.32	54.43
		For Work In Restricted Working Space, Add	*36.29*	
40 05 23 23-1135	EA	6", 300#, Type 304 Stainless Steel Raised Face Blind Flange	369.11	69.99
		For Work In Restricted Working Space, Add	*46.66*	
40 05 23 23-1136	EA	8", 300#, Type 304 Stainless Steel Raised Face Blind Flange	500.20	83.31
		For Work In Restricted Working Space, Add	*55.54*	
40 05 23 23-1137	EA	10", 300#, Type 304 Stainless Steel Raised Face Blind Flange	695.28	99.98
		For Work In Restricted Working Space, Add	*66.65*	
40 05 23 23-1138	EA	12", 300#, Type 304 Stainless Steel Raised Face Blind Flange	949.55	124.97
		For Work In Restricted Working Space, Add	*83.31*	
40 05 23 23-1139	EA	14", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,310.32	156.21
		For Work In Restricted Working Space, Add	*104.14*	
40 05 23 23-1140	EA	16", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,654.93	178.18
		For Work In Restricted Working Space, Add	*118.79*	
40 05 23 23-1141	EA	18", 300#, Type 304 Stainless Steel Raised Face Blind Flange	2,150.53	223.16
		For Work In Restricted Working Space, Add	*148.77*	
40 05 23 23-1142	EA	20", 300#, Type 304 Stainless Steel Raised Face Blind Flange	2,752.55	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-1143	EA	24", 300#, Type 304 Stainless Steel Raised Face Blind Flange	4,189.15	446.31
		For Work In Restricted Working Space, Add	*297.55*	

40 05 23 23-1144 150#, Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*

40 05 23 23-1145	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	53.69	15.69
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-1146	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	67.68	20.93
		For Work In Restricted Working Space, Add	*12.56*	
40 05 23 23-1147	EA	1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	79.47	25.95
		For Work In Restricted Working Space, Add	*15.57*	
40 05 23 23-1148	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	110.22	36.73
		For Work In Restricted Working Space, Add	*22.04*	
40 05 23 23-1149	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	119.60	41.41
		For Work In Restricted Working Space, Add	*24.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1150	EA	2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	150.85	52.60
		For Work In Restricted Working Space, Add	*31.57*	
40 05 23 23-1151	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	226.57	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-1152	EA	3", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	278.86	165.45
		For Work In Restricted Working Space, Add	*62.12*	
40 05 23 23-1153	EA	4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	358.54	129.73
		For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-1154 300#, Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*

40 05 23 23-1155	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	65.71	15.69
		For Work In Restricted Working Space, Add	*9.42*	
40 05 23 23-1156	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	76.17	20.93
		For Work In Restricted Working Space, Add	*12.56*	
40 05 23 23-1157	EA	1", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	86.21	25.95
		For Work In Restricted Working Space, Add	*15.57*	
40 05 23 23-1158	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	129.69	36.73
		For Work In Restricted Working Space, Add	*22.04*	
40 05 23 23-1159	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	139.07	41.41
		For Work In Restricted Working Space, Add	*24.85*	
40 05 23 23-1160	EA	2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	167.46	52.60
		For Work In Restricted Working Space, Add	*31.57*	
40 05 23 23-1161	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	273.95	81.07
		For Work In Restricted Working Space, Add	*48.66*	
40 05 23 23-1162	EA	3", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	322.35	165.45
		For Work In Restricted Working Space, Add	*62.12*	
40 05 23 23-1163	EA	4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	430.67	129.73
		For Work In Restricted Working Space, Add	*77.86*	

40 05 23 23-1164 150#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

40 05 23 23-1165	EA	1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	75.77	23.27
		For Work In Restricted Working Space, Add	*15.52*	
40 05 23 23-1166	EA	3/4", 150#, Type 316 Stainless Steel Weld Neck Flange	80.72	24.70
		For Work In Restricted Working Space, Add	*16.47*	
40 05 23 23-1167	EA	1", 150#, Type 316 Stainless Steel Weld Neck Flange	90.05	27.15
		For Work In Restricted Working Space, Add	*18.11*	
40 05 23 23-1168	EA	1-1/4", 150#, Type 316 Stainless Steel Weld Neck Flange	107.20	29.61
		For Work In Restricted Working Space, Add	*19.75*	
40 05 23 23-1169	EA	1-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	113.93	32.65
		For Work In Restricted Working Space, Add	*21.77*	
40 05 23 23-1170	EA	2", 150#, Type 316 Stainless Steel Weld Neck Flange	125.72	36.37
		For Work In Restricted Working Space, Add	*24.24*	
40 05 23 23-1171	EA	2-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	173.35	46.50
		For Work In Restricted Working Space, Add	*31.00*	
40 05 23 23-1172	EA	3", 150#, Type 316 Stainless Steel Weld Neck Flange	193.48	54.44
		For Work In Restricted Working Space, Add	*36.30*	
40 05 23 23-1173	EA	4", 150#, Type 316 Stainless Steel Weld Neck Flange	251.76	65.23
		For Work In Restricted Working Space, Add	*43.49*	
40 05 23 23-1174	EA	6", 150#, Type 316 Stainless Steel Weld Neck Flange	365.72	81.50
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-1175	EA	8", 150#, Type 316 Stainless Steel Weld Neck Flange	602.00	133.89
		For Work In Restricted Working Space, Add	*89.27*	
40 05 23 23-1176	EA	10", 150#, Type 316 Stainless Steel Weld Neck Flange	862.42	178.52
		For Work In Restricted Working Space, Add	*119.02*	
40 05 23 23-1177	EA	12", 150#, Type 316 Stainless Steel Weld Neck Flange	1,287.80	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-1178	EA	14", 150#, Type 316 Stainless Steel Weld Neck Flange	1,505.95	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-1179	EA	16", 150#, Type 316 Stainless Steel Weld Neck Flange	1,851.14	356.37
		For Work In Restricted Working Space, Add	*237.59*	
40 05 23 23-1180	EA	18", 150#, Type 316 Stainless Steel Weld Neck Flange	2,278.51	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-1181	EA	20", 150#, Type 316 Stainless Steel Weld Neck Flange	2,991.56	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-1182	EA	24", 150#, Type 316 Stainless Steel Weld Neck Flange	4,255.26	892.63
		For Work In Restricted Working Space, Add	*595.09*	

40 05 23 23-1183 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*

40 05 23 23-1184	EA	1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	89.21	23.27
		For Work In Restricted Working Space, Add	*15.52*	
40 05 23 23-1185	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	92.38	24.70
		For Work In Restricted Working Space, Add	*16.47*	
40 05 23 23-1186	EA	1" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	97.83	27.15
		For Work In Restricted Working Space, Add	*18.11*	
40 05 23 23-1187	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	122.06	29.61
		For Work In Restricted Working Space, Add	*19.75*	
40 05 23 23-1188	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	128.79	32.65
		For Work In Restricted Working Space, Add	*21.77*	
40 05 23 23-1189	EA	2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	141.64	36.37
		For Work In Restricted Working Space, Add	*24.24*	
40 05 23 23-1190	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	201.29	46.50
		For Work In Restricted Working Space, Add	*31.00*	
40 05 23 23-1191	EA	3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	223.89	54.44
		For Work In Restricted Working Space, Add	*36.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1192	EA	4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	321.05	65.23
		For Work In Restricted Working Space, Add	*43.49*	
40 05 23 23-1193	EA	6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	496.19	81.50
		For Work In Restricted Working Space, Add	*54.34*	
40 05 23 23-1194	EA	8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	786.59	133.89
		For Work In Restricted Working Space, Add	*89.27*	
40 05 23 23-1195	EA	10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	1,116.65	178.52
		For Work In Restricted Working Space, Add	*119.02*	
40 05 23 23-1196	EA	12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	1,646.69	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-1197	EA	14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	2,174.31	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-1198	EA	16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	2,666.12	356.37
		For Work In Restricted Working Space, Add	*237.59*	
40 05 23 23-1199	EA	18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	3,399.70	446.31
		For Work In Restricted Working Space, Add	*297.55*	
40 05 23 23-1200	EA	20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	4,418.41	624.84
		For Work In Restricted Working Space, Add	*416.56*	
40 05 23 23-1201	EA	24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	6,422.72	892.63
		For Work In Restricted Working Space, Add	*595.09*	

40 05 23 23-1202 150#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1203	EA	1/2", 150#, Type 316 Stainless Steel Slip-On Flange	121.83	46.54
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-1204	EA	3/4", 150#, Type 316 Stainless Steel Slip-On Flange	130.68	49.41
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-1205	EA	1", 150#, Type 316 Stainless Steel Slip-On Flange	143.91	54.30
		For Work In Restricted Working Space, Add	*36.21*	
40 05 23 23-1206	EA	1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange	179.85	59.23
		For Work In Restricted Working Space, Add	*39.49*	
40 05 23 23-1207	EA	1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	175.15	65.28
		For Work In Restricted Working Space, Add	*43.53*	
40 05 23 23-1208	EA	2", 150#, Type 316 Stainless Steel Slip-On Flange	191.69	72.72
		For Work In Restricted Working Space, Add	*48.49*	
40 05 23 23-1209	EA	2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	244.52	93.00
		For Work In Restricted Working Space, Add	*62.00*	
40 05 23 23-1210	EA	3", 150#, Type 316 Stainless Steel Slip-On Flange	296.09	108.89
		For Work In Restricted Working Space, Add	*72.59*	
40 05 23 23-1211	EA	4", 150#, Type 316 Stainless Steel Slip-On Flange	372.67	130.47
		For Work In Restricted Working Space, Add	*86.98*	
40 05 23 23-1212	EA	6", 150#, Type 316 Stainless Steel Slip-On Flange	487.42	163.00
		For Work In Restricted Working Space, Add	*108.68*	
40 05 23 23-1213	EA	8", 150#, Type 316 Stainless Steel Slip-On Flange	838.36	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-1214	EA	10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,156.60	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-1215	EA	12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,711.73	535.57
		For Work In Restricted Working Space, Add	*357.05*	

40 05 23 23-1216 300#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1217	EA	1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange	131.73	46.54
		For Work In Restricted Working Space, Add	*31.03*	
40 05 23 23-1218	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	138.09	49.41
		For Work In Restricted Working Space, Add	*32.94*	
40 05 23 23-1219	EA	1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	148.98	54.30
		For Work In Restricted Working Space, Add	*36.21*	
40 05 23 23-1220	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	177.95	59.23
		For Work In Restricted Working Space, Add	*39.49*	
40 05 23 23-1221	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	191.41	65.28
		For Work In Restricted Working Space, Add	*43.53*	
40 05 23 23-1222	EA	2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	210.03	72.72
		For Work In Restricted Working Space, Add	*48.49*	
40 05 23 23-1223	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	304.28	93.00
		For Work In Restricted Working Space, Add	*62.00*	
40 05 23 23-1224	EA	3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	343.11	108.89
		For Work In Restricted Working Space, Add	*72.59*	
40 05 23 23-1225	EA	4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	434.19	130.47
		For Work In Restricted Working Space, Add	*86.98*	
40 05 23 23-1226	EA	6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	628.52	163.00
		For Work In Restricted Working Space, Add	*108.68*	
40 05 23 23-1227	EA	8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	942.33	267.79
		For Work In Restricted Working Space, Add	*178.53*	
40 05 23 23-1228	EA	10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,463.52	357.05
		For Work In Restricted Working Space, Add	*238.04*	
40 05 23 23-1229	EA	12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	2,004.52	535.57
		For Work In Restricted Working Space, Add	*357.05*	

40 05 23 23-1230 150#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1231	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	39.08	9.30
		For Work In Restricted Working Space, Add	*6.21*	
40 05 23 23-1232	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	43.53	9.87
		For Work In Restricted Working Space, Add	*6.59*	
40 05 23 23-1233	EA	1", 150#, Type 316 Stainless Steel Raised Face Blind Flange	48.89	10.86
		For Work In Restricted Working Space, Add	*7.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1234	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	56.92	12.09
		For Work In Restricted Working Space, Add	*8.06*	
40 05 23 23-1235	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	66.36	16.33
		For Work In Restricted Working Space, Add	*10.89*	
40 05 23 23-1236	EA	2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	80.26	18.13
		For Work In Restricted Working Space, Add	*12.09*	
40 05 23 23-1237	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	110.16	23.32
		For Work In Restricted Working Space, Add	*15.55*	
40 05 23 23-1238	EA	3", 150#, Type 316 Stainless Steel Raised Face Blind Flange	136.96	32.67
		For Work In Restricted Working Space, Add	*21.78*	
40 05 23 23-1239	EA	4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	216.44	54.43
		For Work In Restricted Working Space, Add	*36.29*	
40 05 23 23-1240	EA	6", 150#, Type 316 Stainless Steel Raised Face Blind Flange	299.46	69.99
		For Work In Restricted Working Space, Add	*46.66*	
40 05 23 23-1241	EA	8", 150#, Type 316 Stainless Steel Raised Face Blind Flange	476.50	83.31
		For Work In Restricted Working Space, Add	*55.54*	
40 05 23 23-1242	EA	10", 150#, Type 316 Stainless Steel Raised Face Blind Flange	615.38	99.98
		For Work In Restricted Working Space, Add	*66.65*	
40 05 23 23-1243	EA	12", 150#, Type 316 Stainless Steel Raised Face Blind Flange	953.80	124.97
		For Work In Restricted Working Space, Add	*83.31*	
40 05 23 23-1244	EA	14", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,142.73	156.21
		For Work In Restricted Working Space, Add	*104.14*	
40 05 23 23-1245	EA	16", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,466.32	178.18
		For Work In Restricted Working Space, Add	*118.79*	
40 05 23 23-1246	EA	18", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,737.97	223.16
		For Work In Restricted Working Space, Add	*148.77*	
40 05 23 23-1247	EA	20", 150#, Type 316 Stainless Steel Raised Face Blind Flange	2,314.09	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-1248	EA	24", 150#, Type 316 Stainless Steel Raised Face Blind Flange	3,367.18	446.31
		For Work In Restricted Working Space, Add	*297.55*	

40 05 23 23-1249 300#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1250	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	55.00	9.30
		For Work In Restricted Working Space, Add	*6.21*	
40 05 23 23-1251	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	56.27	9.87
		For Work In Restricted Working Space, Add	*6.59*	
40 05 23 23-1252	EA	1", 300#, Type 316 Stainless Steel Raised Face Blind Flange	58.45	10.86
		For Work In Restricted Working Space, Add	*7.24*	
40 05 23 23-1253	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	83.10	12.09
		For Work In Restricted Working Space, Add	*8.06*	
40 05 23 23-1254	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	92.54	16.33
		For Work In Restricted Working Space, Add	*10.89*	
40 05 23 23-1255	EA	2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	102.53	18.13
		For Work In Restricted Working Space, Add	*12.09*	
40 05 23 23-1256	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	163.56	23.32
		For Work In Restricted Working Space, Add	*15.55*	
40 05 23 23-1257	EA	3", 300#, Type 316 Stainless Steel Raised Face Blind Flange	187.88	32.67
		For Work In Restricted Working Space, Add	*21.78*	
40 05 23 23-1258	EA	4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	292.11	54.43
		For Work In Restricted Working Space, Add	*36.29*	
40 05 23 23-1259	EA	6", 300#, Type 316 Stainless Steel Raised Face Blind Flange	501.73	69.99
		For Work In Restricted Working Space, Add	*46.66*	
40 05 23 23-1260	EA	8", 300#, Type 316 Stainless Steel Raised Face Blind Flange	637.41	83.31
		For Work In Restricted Working Space, Add	*55.54*	
40 05 23 23-1261	EA	10", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,094.15	99.98
		For Work In Restricted Working Space, Add	*66.65*	
40 05 23 23-1262	EA	12", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,337.45	124.97
		For Work In Restricted Working Space, Add	*83.31*	
40 05 23 23-1263	EA	14", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,906.12	156.21
		For Work In Restricted Working Space, Add	*104.14*	
40 05 23 23-1264	EA	16", 300#, Type 316 Stainless Steel Raised Face Blind Flange	2,433.67	178.18
		For Work In Restricted Working Space, Add	*118.79*	
40 05 23 23-1265	EA	18", 300#, Type 316 Stainless Steel Raised Face Blind Flange	3,174.01	223.16
		For Work In Restricted Working Space, Add	*148.77*	
40 05 23 23-1266	EA	20", 300#, Type 316 Stainless Steel Raised Face Blind Flange	4,025.73	312.43
		For Work In Restricted Working Space, Add	*208.28*	
40 05 23 23-1267	EA	24", 300#, Type 316 Stainless Steel Raised Face Blind Flange	6,166.90	446.31
		For Work In Restricted Working Space, Add	*297.55*	

40 05 23 23-1268 Type 316 Seamless Annealed Tubing *(40 05 23 23)*

Note: For high pressure air (8000 PSIG working pressure).

40 05 23 23-1269 Type 316 Seamless Annealed Tubing *(40 05 23 23-1268)*

40 05 23 23-1270	LF	3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	17.38
40 05 23 23-1271	LF	1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	21.48
40 05 23 23-1272	LF	3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	25.95

40 05 23 23-1273 Type 316 Seamless Annealed Tubing Fittings *(40 05 23 23-1268)*

Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.

40 05 23 23-1274	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	57.86
40 05 23 23-1275	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	62.58
40 05 23 23-1276	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	96.07
40 05 23 23-1277	EA	3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	50.19
40 05 23 23-1278	EA	3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	82.90
40 05 23 23-1279	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	63.35

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1280	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules	77.44	
40 05 23 23-1281	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	119.15	
40 05 23 23-1282	EA	1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	75.58	
40 05 23 23-1283	EA	1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	117.11	
40 05 23 23-1284	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	74.90	
40 05 23 23-1285	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules	96.35	
40 05 23 23-1286	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	158.91	
40 05 23 23-1287	EA	3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	130.82	
40 05 23 23-1288	EA	3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	161.50	

40 05 23 23-1289 Valves For High Pressure Air (5,000 PSIG) *(40 05 23 23-1268)*

40 05 23 23-1290 Needle Valves *(40 05 23 23-1289)*

40 05 23 23-1291	EA	3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	291.25	
40 05 23 23-1292	EA	1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	461.33	

40 05 23 23-1293 Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG *(40 05 23 23-1289)*

40 05 23 23-1294	EA	1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction	278.93	

40 05 23 23-1295 Other Valves Working Pressure 6,000 PSI *(40 05 23 23-1289)*

40 05 23 23-1296	EA	1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG	1,150.12	
40 05 23 23-1297	EA	1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back	290.05	
40 05 23 23-1298	EA	Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element	57.04	

40 05 41 Glass Process Pipe *(40 05)*

40 05 41 00-0001 Glass Pressure Pipe *(40 05 41)*

40 05 41 00-0002 Glass Pipe, Beaded Joints *(40 05 41 00-0001)*

40 05 41 00-0003	LF	1/2" Glass Pipe, Pressure	34.14	13.43
		For Work In Restricted Working Space, Add	*8.06*	
40 05 41 00-0004	LF	3/4" Glass Pipe, Pressure	40.96	16.12
		For Work In Restricted Working Space, Add	*9.67*	
40 05 41 00-0005	LF	1" Glass Pipe, Pressure	47.17	17.91
		For Work In Restricted Working Space, Add	*10.75*	
40 05 41 00-0006	LF	1-1/2" Glass Pipe, Pressure	62.58	24.18
		For Work In Restricted Working Space, Add	*14.51*	
40 05 41 00-0007	LF	2" Glass Pipe, Pressure	76.14	28.65
		For Work In Restricted Working Space, Add	*17.20*	
40 05 41 00-0008	LF	3" Glass Pipe, Pressure	93.14	33.13
		For Work In Restricted Working Space, Add	*19.88*	
40 05 41 00-0009	LF	4" Glass Pipe, Pressure	127.19	44.78
		For Work In Restricted Working Space, Add	*26.87*	
40 05 41 00-0010	LF	6" Glass Pipe, Pressure	174.97	53.73
		For Work In Restricted Working Space, Add	*32.24*	

40 05 41 00-0011 Glass 90 Degree Elbows *(40 05 41 00-0001)*

40 05 41 00-0012	EA	1/2" 90 Degree Elbow, Glass, Pressure	160.27	71.64
		For Work In Restricted Working Space, Add	*42.98*	
40 05 41 00-0013	EA	3/4" 90 Degree Elbow, Glass, Pressure	172.26	76.12
		For Work In Restricted Working Space, Add	*45.67*	
40 05 41 00-0014	EA	1" 90 Degree Elbow, Glass, Pressure	187.39	80.60
		For Work In Restricted Working Space, Add	*48.36*	
40 05 41 00-0015	EA	1-1/2" 90 Degree Elbow, Glass, Pressure	207.04	89.55
		For Work In Restricted Working Space, Add	*53.73*	
40 05 41 00-0016	EA	2" 90 Degree Elbow, Glass, Pressure	234.28	98.50
		For Work In Restricted Working Space, Add	*59.11*	
40 05 41 00-0017	EA	3" 90 Degree Elbow, Glass, Pressure	292.17	116.41
		For Work In Restricted Working Space, Add	*69.84*	
40 05 41 00-0018	EA	4" 90 Degree Elbow, Glass, Pressure	333.34	125.38
		For Work In Restricted Working Space, Add	*75.21*	
40 05 41 00-0019	EA	6" 90 Degree Elbow, Glass, Pressure	501.92	143.28
		For Work In Restricted Working Space, Add	*85.97*	

40 05 41 00-0020 Glass 45 Degree Elbows *(40 05 41 00-0001)*

40 05 41 00-0021	EA	1/2" 45 Degree Elbow, Glass, Pressure	159.59	71.64
		For Work In Restricted Working Space, Add	*42.98*	
40 05 41 00-0022	EA	3/4" 45 Degree Elbow, Glass, Pressure	171.47	76.12
		For Work In Restricted Working Space, Add	*45.68*	
40 05 41 00-0023	EA	1" 45 Degree Elbow, Glass, Pressure	186.33	80.60
		For Work In Restricted Working Space, Add	*48.35*	
40 05 41 00-0024	EA	1-1/2" 45 Degree Elbow, Glass, Pressure	205.92	89.55
		For Work In Restricted Working Space, Add	*53.73*	
40 05 41 00-0025	EA	2" 45 Degree Elbow, Glass, Pressure	232.75	98.50
		For Work In Restricted Working Space, Add	*59.10*	
40 05 41 00-0026	EA	3" 45 Degree Elbow, Glass, Pressure	289.83	116.41
		For Work In Restricted Working Space, Add	*69.85*	
40 05 41 00-0027	EA	4" 45 Degree Elbow, Glass, Pressure	330.04	125.38
		For Work In Restricted Working Space, Add	*75.21*	
40 05 41 00-0028	EA	6" 45 Degree Elbow, Glass, Pressure	493.19	143.28
		For Work In Restricted Working Space, Add	*85.94*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 41 00-0029		Glass Tees *(40 05 41 00-0001)*		
40 05 41 00-0030	EA	1/2" Tee, Glass, Pressure	244.06	107.46
		For Work In Restricted Working Space, Add	*64.49*	
40 05 41 00-0031	EA	3/4" Tee, Glass, Pressure	262.33	116.41
		For Work In Restricted Working Space, Add	*69.85*	
40 05 41 00-0032	EA	1" Tee, Glass, Pressure	283.29	125.38
		For Work In Restricted Working Space, Add	*75.21*	
40 05 41 00-0033	EA	1-1/2" Tee, Glass, Pressure	316.32	134.33
		For Work In Restricted Working Space, Add	*80.58*	
40 05 41 00-0034	EA	2" Tee, Glass, Pressure	351.42	147.76
		For Work In Restricted Working Space, Add	*88.67*	
40 05 41 00-0035	EA	3" Tee, Glass, Pressure	426.87	179.10
		For Work In Restricted Working Space, Add	*107.46*	
40 05 41 00-0036	EA	4" Tee, Glass, Pressure	491.18	187.96
		For Work In Restricted Working Space, Add	*112.79*	
40 05 41 00-0037	EA	6" Tee, Glass, Pressure	631.08	214.84
		For Work In Restricted Working Space, Add	*128.91*	
40 05 41 00-0038		Glass Couplings, Vitron Liner *(40 05 41 00-0001)*		
40 05 41 00-0039	EA	1/2" Coupling, Vitron Liner, Glass	24.44	
40 05 41 00-0040	EA	3/4" Coupling, Vitron Liner, Glass	27.94	
40 05 41 00-0041	EA	1" Coupling, Vitron Liner, Glass	32.59	
40 05 41 00-0042	EA	1-1/2" Coupling, Vitron Liner, Glass	37.25	
40 05 41 00-0043	EA	2" Coupling, Vitron Liner, Glass	44.81	
40 05 41 00-0044	EA	3" Coupling, Vitron Liner, Glass	82.06	
40 05 41 00-0045	EA	4" Coupling, Vitron Liner, Glass	98.94	
40 05 41 00-0046	EA	6" Coupling, Vitron Liner, Glass	197.88	

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